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County Borough of Tynemouth

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FIFTY-FOURTH

# ANNUAL REPORT

of the

## Medical Officer of Health.

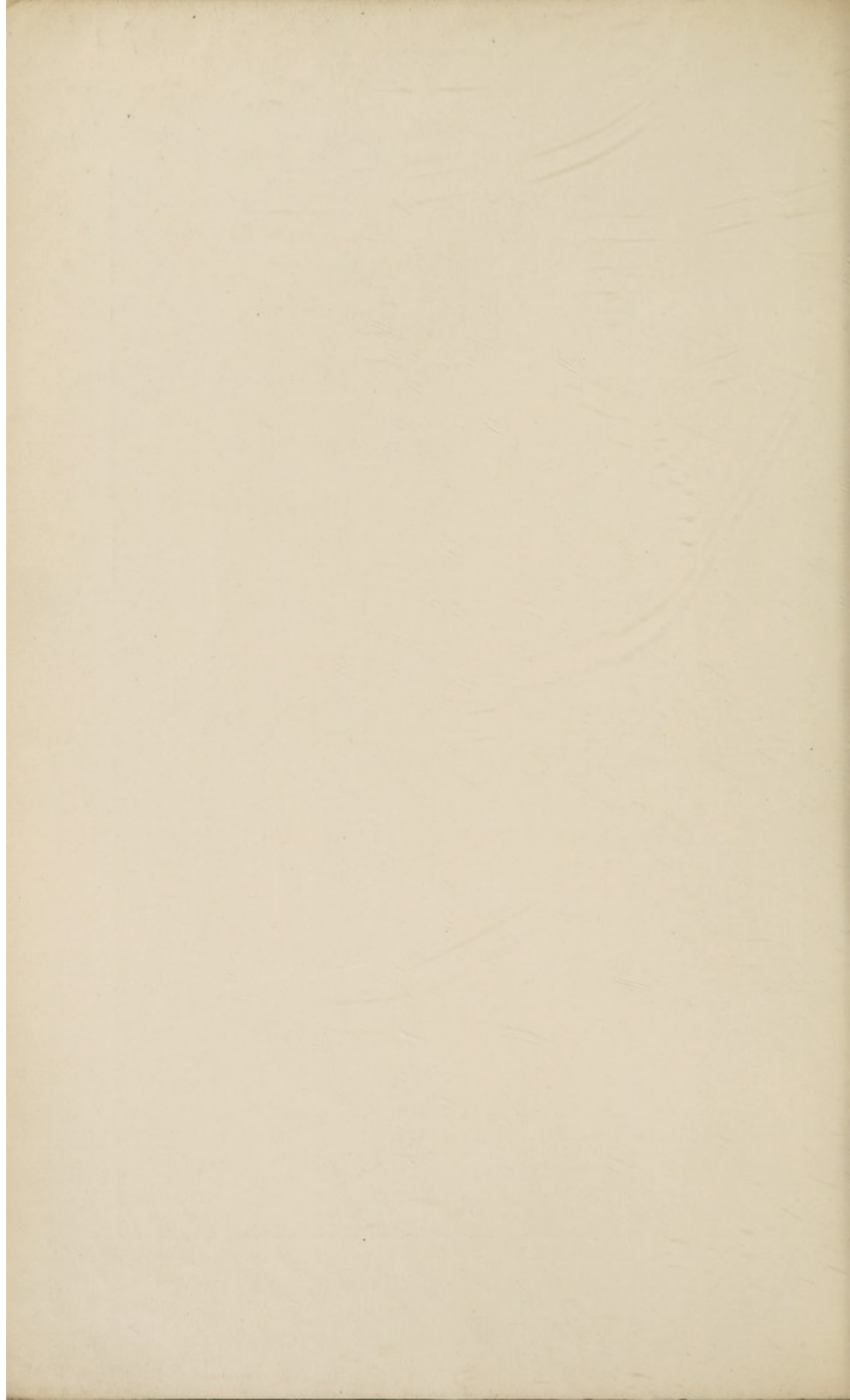
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1934.

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North Shields:

Printed by J. RUTHERFORD & CO., 19 & 20, Stephenson Street.







County Borough of Tynemouth.

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PUBLIC HEALTH DEPARTMENT,  
TYNEMOUTH,

MAY, 1935.

*To The Mayor, Aldermen and Councillors  
of the County Borough of Tynemouth.*

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have the honour to present my Annual Report for the year 1934.

While full particulars of the social conditions of the Borough and the state of the health of the inhabitants are dealt with later in the report, there are some matters to which I should particularly like to draw your attention.

1. HOUSING OF THE WORKING CLASSES (1930 Act).

Activity under the above Act is proceeding and a steady rate of progress has been maintained in regard to the representation of Slum Areas, clearance of areas condemned and the rehousing of the tenants in houses on the Corporation Estates. The 5 year programme, initiated in 1933, at least in regard to areas represented for clearance, is well in advance of schedule, and of the rehousing programme.

The areas dealt with up to the end of 1934 are as follows:—

No.	Area.	Date of Official Inquiry.	Result of Official Inquiry.	Number of Tenants.	Number of Persons.
1.	Liddell Street ...	7/2/33	Compulsory Purchase Order Confirmed	109	399
2.	Clive Street ...	7/2/33	do.	124	375
3.	Duke Street ...	18/7/33	do.	72	221
5.	Collingwood Street	18/7/33	Order not Confirmed	1	7
6.	Church Street ...	18/7/33	Clearance Order Order confirmed	12	50
7.	Reed Street ...	18/7/33	Closing Orders made on dwell- ing houses	9	41
9.	Bell Street ...	18/7/33	Compulsory Purchase order Confirmed	40	129



10.	Middle Street	...	18/7/33	Clearance Order	40	166
				Order confirmed		
12.	Queen Street	...	16/1/34	Clearance Order	214	846
				Confirmed		
13.	Bedford Lane	...	3/5/34	do.	102	394
14.	Cross Camden Lane	...	25/6/34	do.	14	63
15.	Robson's Row	...	25/6/34	do.	17	67
16.	Brunswick Place	...	25/6/34	do.	5	11
17.	Coble Dene	...	25/6/34	do.	8	37
18.	Camden Lane	...	30/7/34	do.	149	556
19.	Churchway No.1	...	29/8/34	do.	12	41
20.	Churchway No.2	...	29/8/34	do.	11	34
21.	Churchway No.3	...	29/8/34	do.	4	14
22.	Churchway No.4	...	29/8/34	do.	20	74
23.	Front St., Chirton 1.	...	16/10/34	do.	15	67
24.	Billy Mill Lane	...	16/10/34	do.	12	39
25.	Front St., Chirton 2.	...	16/10/34	do.	2	10

The residue of the inhabitants residing in the areas Nod. 1 to 10 as reported in the Annual Report, for 1933, and as included in this year's report, continued to be rehoused during 1934.

Official representations were also made on 12 dwellings (55 persons) under Part (ii) of the Housing Act, 1930 and Closing or Demolition Orders were made.

Dwelling Houses were erected for rehousing the persons displaced as follows:—

				BEDROOMS		
				2	3	4
43,	Church Street	...	...	1	2	—
4,	Lovaine Terrace	...	...	—	1	—
50,	Back Churchway	...	...	—	—	1
40,	Front Street, Chirton	...	...	1	—	—
1,	Churchway	...	...	1	2	—
46½-47,	Front Street, Chirton	...	...	1	1	—

During the year two large building contracts were entered into in order to erect sufficient houses for the purposes of the Act; one of 216 houses to complete the rehousing programme prior to the adoption of the 5 year programme and also a contract of 306 houses being the first instalment of the proposed building programme of 1,200. These two contracts are due for completion during the year 1935.

Overcrowded families and families living in derelict property were rehoused during the year in the 96 houses built under the Housing of the Working Classes Act, 1924.



Deinfestation has been carried out upon furniture removed from old insanitary dwellings and has, I think, proved its value in the new Corporation Housing Estates.

The method of deinfestation is the same as has been previously employed by this Department, namely—subjection of all articles to the action of Sulphur Dioxide under pressure in air-tight huts, the furniture being left in the gas for a period of 6 hours. This method is not dangerous to the community after the articles have been removed from the huts and has been definitely proved to destroy all vermin and their larvæ.

### SUMMARY. HOUSING ACT, 1930.

#### PART (i).

Clearance Areas.	No. of persons in Area
(1) Areas dealt with during 1934 and Orders confirmed:— Areas Nos. 12 to 25 (inclusive) ... ..	2253
(2) Subject to Official Representations:—Nos. 26 to 29 (inclusive)	411
(3) Areas dealt with up to December, 1934 and Orders confirmed, 1933; Areas Nos. 1, 2, 3, 6, 9, 10; 1934, 12 to 25 (inclusive)	3634
(4) Areas yet to be dealt with to complete the 5 years programme (1933-1938) ... ..	3126
	6760

### INDIVIDUAL HOUSES.

#### PART (ii).

	Buildings.	Persons.	Tenants.
(1) Dealt with during 1934 ... ..	6	55	12
(2) Dealt with up to December, 1934 (includes 1933)	14	108	24

### REHOUSING.

	2 Bed-roomed.	3 Bed-roomed.	4 Bed-roomed.	Total.
(1) Houses erected (1933-1934)	138	139	24	(301)
(2) Houses at present in course of erection ... ..	32	160	24	(216)
(1) and (2) Total houses erected or about to be erected under scheme prior to 5 year programme—517.				
(3) Houses at present in course of erection under 5 year programme ... ..	238	20	48	(306)
(4) Houses necessary to be constructed to complete proposed number required for 5 year programme (1,200 houses)—894 houses.				

This short summary of Corporation activities under the Housing Act, 1930 deals not only with the actual progress of work during the year 1934 but indicates in addition the extent of the 5 year intensive programme of Slum Clearance and rehousing.

## 2. HOSPITALS.

The question of the unification of hospital services between this Borough and surrounding communities is still one of considerable importance and some urgency. While the Preston Hospital, administered by the Public Assistance Committee have an agreement with the County Council of Northumberland to admit cases from that authority and so can work and be used almost to its full capacity of beds, the infectious diseases hospitals of the Borough are not utilized except in times of epidemics to anything like their true economic value. As has been previously pointed out, each authority in this S.E. portion of Northumberland maintains both its own Infectious Diseases Hospital and in some cases, its own Smallpox Hospital.

I am fully convinced that amalgamation of these districts for the purposes of hospital treatment should take place and that it would result in both increased efficiency and increased economy.

During the year 1934 commencement has been made at Moor Park Hospital for the erection of a modern administration Block and Nurses' Home. This new building together with the recently completed Cubicle Isolation Block, will I hope, form the nucleus for a new hospital in its entirety which will accommodate not only Infectious Diseases from the County Borough of Tynemouth but from surrounding areas. I am firmly convinced that the maintenance of a small hospital by each authority is most unwise and uneconomic.

## 3. MORTALITY AND SICKNESS.

**General:**—The deaths from all causes show a decrease from 13.27 per 1,000 in 1933 to 12.73 per 1,000 in 1934. The infantile mortality rate also shows a decrease from 84 per 1,000 births to 77 per 1,000 births. These death rates for the past 10 years are shown in Table (1) of the appendix.

**Cancer:**—The death rate from Cancer this year is the highest total recorded, the total deaths occurring being 108 as against 89 for 1933, giving the highest mortality rate per 1,000 of 1.637.



**Tuberculosis:**—The situation in regard to tuberculosis is given fully, later in the report. It will be again noticed that the general decline in the death rate from tuberculosis, which has been evidenced of late years throughout the country, has continued during the past year when a Pulmonary death rate of 0·71 is the lowest recorded in the Borough, while the non-Pulmonary forms record a death rate of 0·18 which is the second lowest figure recorded.

The factors responsible for this steady decline of recent years are many and of these, better housing conditions, more active treatment and care of the infected persons; careful examination of contacts with a view to prevention, and provision of extra nourishment in deserving cases, undoubtedly play an important part, though the question of the slow but active immunisation of the population of the country as a whole may be a very important though incalculable factor.

**Infectious Diseases:**—Scarlet Fever reached mild epidemic proportions during the year, the type of disease was rather more severe than has been experienced in this borough for many years. Subsequent to the decline of the Scarlet Fever epidemic, Diphtheria became much more prevalent and at one time was fairly widespread in the borough.

#### 4. SOCIAL CIRCUMSTANCES.

A further high increase in the amount of money expended in out-relief in the borough is registered for the year. There appears to be no definite signs of the return to a more healthy state in the labour market. In assessing the health of the borough the amount of unemployed must of necessity be of the greatest significance.

The assistance which can be rendered to the families of the unemployed, while in itself very valuable, and the provision of better surroundings for such people dwelling in slum areas, cannot in my opinion, equal the beneficial effects which would be derived by the same people if they were employed in full time remunerative employment.

#### 5. MATERNITY AND CHILD WELFARE.

The work of the Ante-natal Clinic has proceeded satisfactorily during the year and an increasing number of patients have attended for examination. The honorary Medical Officers and the Midwives have co-operated with considerable success during the year.



The amount of Dried Milk supplied at less than cost price has increased. The number of applicants and other particulars for the year is shown on page 53. In 1933, 10,360 lbs. of Dried Milk were distributed and in 1934 11,171 lbs.

There have been many changes in the personnel of the Department during the year, but every officer and member of the Staff has worked well under very difficult circumstances. Dr. J. O. Murray left the services of the Health Department to take up his appointment as Medical Officer of Health of Rochester. His loss has been very keenly felt by his colleagues and the staff of the Health Department.

The many branches of Health Services of the Borough have co-operated exceedingly well during the year and my thanks are due to my colleagues in other departments who have assisted me with information and data for inclusion in this report.

To the Chairman and members of the Health Committee and to the members of the Council I would like to tender my thanks for their support and consideration, and to tender my thanks for their support and consideration, and also their keen interest in the work of the Department during the year.

I have the honour to remain,

Your obedient servant,

T. L. J. COXON,

(Medical Officer of Health).

The first of these is the fact that the  
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the twenty-fourth is the fact that the

## County Borough of Tynemouth PUBLIC HEALTH COMMITTEE.

**Chairman**—COUNCILLOR R. COOPER.

**Vice-Chairman**—COUNCILLOR A. SMITH.

**THE MAYOR**—COUNCILLOR STANLEY HOLMES.

ALDERMAN	FITZHUGH, J.P.	COUNCILLOR	JACKSON.
„	HARRISON, J.P.	„	LITTLE.
„	PORTER, J.P.	„	LONIE.
COUNCILLOR	MRS. BRODIE.	„	MIDDLEMISS, J.P.
„	COOPER.	„	PARK.
„	DAME BURNETT, J.P.	„	A. SMITH.
„	CAPSTICK (Died 9/1/34)	„	SPENCE.
„	MRS. FRATER, J.P.	„	WALTON (Appointed
„	HUNTER.	„	21/2/34).

## STAFF.

### PUBLIC HEALTH DEPARTMENT.

**Medical Officer of Health, Administrative Tuberculosis Officer, Chief Medical Officer to the Education Authority, and Chief Medical Adviser to the Local Authority, Medical Superintendent Infectious Diseases and Smallpox Hospitals.**

J. O. MURRAY, M.D., Ch. B. (Edin. Univ.), D.P.H. (Liverpool Univ.)  
(Resigned 6/6/34).

T. L. J. COXON, M.D., B.Hy, D.P.H. (Durham). (Appointed 25/7/34).

**Assistant Medical Officer of Health and Assistant Tuberculosis Officer.**

WM. ALCOCK, M.B., Ch.B. (Temporary.)

**Senior Sanitary Inspector, Inspector under the Housing Acts, Food and Drugs Acts, Etc.**

JAMES STANLEY, A.R.S.I., Cert. Meat Inspection.

#### Sanitary Inspectors.

ED. E. MILBURN, Cert. R.S.I.

S. G. EDWARDS, A.R.S.I.

J. E. HALL, Cert. R.S.I., Cert. Meat Inspection.

#### Disinfectors.

HENRY HODGSON.

#### Tuberculosis Nurses.

Miss MILLS†. Miss IRVING‡§\*.

#### Health Visitors and Inspectors under the Midwives Acts.

Misses MINTO§†\*, SHAW§\*, FRAZER§+\*†  
and MARSHALL§†\*†

†Holds Health Visitor's Certificate. §Holds S.C.M. †Trained Nurse.

\*State Registered Nurse,



**Clerks.**

ALBERT R. FORSYTH, Chief Clerk; WM. R. MILLER, Clerk,  
 FRED RUMSEY, Clerk; MISS M. GOTT, Typist.  
 BASIL O. BLAGBURN, Junior Clerk.

**Matron of Moor Park Infectious Diseases Hospital and  
 Balkwell Smallpox Hospital.**

Miss K. ROBINSON, S.R.N.

**MATERNITY AND CHILD WELFARE DEPARTMENT.****Medical Officer, Maternity and Child Welfare Centre.**

AMY ROBINSON, M. D. (Edin.), (Part-time). (Resigned 12/5/34).  
 B. M. GRINLING, M.B., B.S. (Appointed 14/5/34).

**Matron, Frater Maternity Home.**

Miss M. MATTHEWSON, A.R.R.C., S.C.M. (Part-time).

**Pupil Midwife Teachers.**

Miss M. A. MATTHEWSON, A.R.R.C., S.C.M.  
 Miss L. M. JONES, S.R.N., S.C.M.      Mrs. M. H. KANE, S.C.M.

**Consultants under the Puerperal Fever and Puerperal Pyrexia  
 Regulations.**

PROF. RANKEN LYLE, M.D. (Dublin), B.Ch., B.A.O., B.A., M.D. (Durham),  
 L.R.C.P.  
 HARVEY EVERS, M.S. (Durham), B.S., F.R.C.S., L.R.C.P.  
 E. FARQUHAR MURRAY, M.D. (St. And.), Ch.B., F.R.C.S.  
 F. STABLER, M.D. (Durham), B.S., F.R.C.S.  
 W. HUNTER, M.B., B.S., (Durham).

**HONORARY MEDICAL OFFICERS—ANTE-NATAL  
 CLINIC.**

H. ADAMS, M.A., M.B., Ch.B.	J. K. HUNTER, L.R.C.P. & S.,
E. BOLT, M.B., B.S.	L.R.F.P.S.
E. GOFTON, M.B., B.S., M.R.C.S.,	D. MARTIN, M.B., Ch.B., D.P.H.,
L.R.C.P.	D.T.M. and Hy.
W. GRAHAM, M.B., B.S.	W. C. MURRAY, M.B., B.S.
B. H. GREENSILL, M.R.C.S., L.R.C.P.	T. J. PHILLIPS, M.B., B.S.
	R. J. WEIDNER, M.B., B.S.

**SCHOOL MEDICAL DEPARTMENT.****School Medical Officer.**

J. McCONNELL, M.B., M.R.C.S., D.P.H.  
 Assistant School Medical Officer—S. C. STONIER, M.B., B.S. (part-time).

**School Dentist.**

T. E. COULSON, L.D.S.

**School Nurses.**

Misses KYLES, MARCH\*§†, MYERS\*§†.  
 \*S.R.N. § S.C.M. †Trained Nurse.

# **PUBLIC ASSISTANCE DEPARTMENT.**

(MEDICAL STAFF).

## **Medical Officer—Preston Road Institution.**

J. B. WILLIAMSON, M.B., B.S. (Durham).

## **Assistant Medical Officer—Preston Road Institution.**

MARY E. MINIHAM, M.B., C.L.B.

## **Visiting Surgeon.**

E. GOFTON, M.B., B.S., L.R.C.P. (London), M.R.C.S. (Eng.).

## **Dentist.**

S. GRANT MACKAY, L.D.S.

## **District Medical Officers.**

Tynemouth District—P. HOLGATE, M.B., B.Sc. (Durham).

North Shields District—W. YEATES, L.R.C.P. & S. (Edin.).

## **Superintendent Nurse.**

L. M. JONES, S.R.N., S.C.M.

## **Assistant Superintendent Nurse.**

C. M. STRATTON, S.R., S.C.M.

# **FOOD AND DRUGS.**

## **Public Analysts.**

J. T. DUNN, D.Sc., F.I.C.     H. C. L. BLOXAM, F.I.C.

## **Veterinary Surgeon.**

T. HARPER, M.R.C.V.S.

## **Public Vaccinators.**

Tynemouth District—P. HOLGATE, M.B., B.S. (Durham).

North Shields District—R. J. WEIDNER, M.B., B.S. (Durham).

Preston Hospital—J. B. WILLIAMSON, M.B., B.S. (Durham).

## **Vaccination Officers.**

C. A. SMITH.     JOHN SNAITH.

## **Infant Life Protection Visitor.**

Mrs. AGNES THIRKLE.



## Statistics and Social Conditions of the Area.

### STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) 4,284. (Exclusive of 83 acres covered by inland water).

Population (Census 1931) 64,922; and estimated, 1934, 65,950.

Total dwellings occupied and vacant: 13,635 (1931 Census).

Number of Private Families therein: 16,079 (1931 Census).

Number of families or separate occupiers: 17,195.

Average Number of Persons per family: 3.86 (1931 Census).

Rateable value: £336,769.

Sum represented by a penny rate: £1,309.

### EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Number of Marriages during 1934: 624.

	Total		M.	F.		
Live births—						
Legitimate ...	1130	} 627		545	Birth rate ...	17.77
Illegitimate ...	42					
Stillbirths 49 (R.G.)	26		23		Rate per 1,000	
					live births ...	42
Deaths ...	840	464	376		Death rate ...	12.73
Percentage of deaths in Public Institutions						39.3
Natural Increase in population (excess of births over deaths)						332
Number of women dying in, or in consequence of pregnancy or childbirth—						
From Sepsis ...						0
From other causes ...						6
Death rate of Infants under one year per 1,000 live births						77
Legitimate: 75. Illegitimate: 166.						
Deaths from Measles (all ages) ...						14
Deaths from Whooping Cough (all ages) ...						2
Deaths from Diarrhoea (under 2 years) ...						5
Amount expended in out-relief, 1934: £33,501 12s. 2d.						
Average Daily Number in the Poor Law Institution (excluding Hospital) ...						382
Average Daily Number in Children's Homes ...						77

### POPULATION.

The Census was taken on the 27th April, 1931, and the population of the Borough on that date was 64,922.

The mid-year 1934 population, as estimated by the Registrar General, was 65,950.



## DISTRIBUTION AND DENSITY OF POPULATION.—CENSUS 1931.

WARD.	Census Population 1931.	Area in Acres. Census 1931.	Persons to the Acre. Census 1931.
Central ... ..	4737	40	118·4
Collingwood ... ..	10869	2370	4·6
Dockwray ... ..	7000	83	84·3
Linskill ... ..	9258	309	30·0
Milbourn ... ..	5224	120	43·5
Percy ... ..	8041	752	10·7
Preston ... ..	7928	570	13·9
Rudyerd ... ..	5122	42	122·0
Trinity ... ..	6743	81	83·2
County Borough of Tynemouth	64922	4367	14·9

The distribution and density of population are shown in the following table.

## DISTRIBUTION AND DENSITY OF POPULATION, 1934.

WARD.	Population estimated to 30th June, 1934.	Area in Acres.	Persons to the Acre.
Central ... ..	4812	40	120·3
Collingwood ... ..	11041	2289	4·8
Dockwray ... ..	7111	83	85·7
Linskill ... ..	9405	309	30·4
Milbourn ... ..	5307	120	44·2
Percy ... ..	8168	750	10·9
Preston ... ..	8053	570	14·1
Rudyerd ... ..	5203	42	123·9
Trinity ... ..	6850	81	84·5
County Borough of Tynemouth	65950	*4284	15·4

\*Exclusive of 2 acres in Percy Ward and 81 in Collingwood Ward, which are covered by water.

## BIRTHS.

The nett total births assignable to Tynemouth were 1,172, giving an annual birth rate of 17·77 per 1,000 of the population and shows a slight increase on that of last year.

The birth rate for England and Wales for 1934 was 14·8 per 1,000 of the population.

The transferable births were:—

Total Births.	Inward Transfers	Outward Transfers
Males ... ..	13	39
Females ... ..	20	38
Illegitimate (Included in above totals).		
Males ... ..	1	4
Females ... ..	0	8

## BIRTHS AND BIRTH RATES IN WARDS.

WARD.	BIRTHS.	Birth rate per 1,000 of Population	No. of illegitimate births.	Percentage of illegitimate births to total births.
Central ... ..	106	22.0	4	3.8
Collingwood ... ..	240	21.7	6	2.5
Dockwray ... ..	158	22.2	7	4.4
Linskill ... ..	90	9.6	1	1.1
Milbourn ... ..	99	18.6	3	3.0
Percy ... ..	100	12.2	4	4.0
Preston ... ..	154	19.1	3	1.9
Rudyerd ... ..	81	15.7	6	7.4
Trinity ... ..	111	16.2	7	6.3
Inward Transfers ...	33	—	1	—
County Borough of Tynemouth ...	1172	17.77	42	3.6
Mean of Ten Years—1924—1933 ...	1303	19.75	51	3.96

## DEATHS.

The total number of deaths recorded in the Borough was 1,022, but 229 of these were non-resident. 47 deaths of residents also occurred outside the Borough. The **nett deaths** were, therefore 840, which is equal to a **death rate** of 12.73 per 1,000 of the population. The rates for England and Wales and the Great Towns were 11.8 and 11.8 respectively.

The number of deaths of persons belonging to Tynemouth which occurred in Public Institutions during the year, was:—Tynemouth Poor Law Institution, 217; Tynemouth Victoria Jubilee Infirmary, 66; Moor Park Isolation Hospital, 13; Frater Maternity Home, 1; Royal Victoria Infirmary, Newcastle, 17; other Institutions outside the Borough (including 7 deaths in Morpeth Asylum) 16. This makes a total of 330, which is 39.3 per cent. of all deaths of residents during the year.

## DEATHS AND DEATH RATES IN WARDS.

WARD.	Total Deaths.	Death rate per 1,000 of population.
Central ... ..	69	14.3
Collingwood ... ..	140	12.7
Dockwray ... ..	97	13.6
Linskill ... ..	95	10.1
Milbourn ... ..	65	12.2
Percy ... ..	106	12.9
Preston ... ..	103	12.8
Rudyerd ... ..	81	15.6
Trinity ... ..	84	12.3
County Borough of Tynemouth ... ..	840	12.73
Mean of 10 years—1924—1933 ... ..	834	12.64



The Comparability Factor for adjusting the local death rates of 1931 and subsequent years is 1.10; by which figure the crude death rate for the Borough should be multiplied in order to make it comparable from a mortality point of view, with the crude death rate of the country as a whole, or with any other local area, the crude death rate of which should be similarly modified with its own factor for the purpose.

The deaths occurring in each quarter during the last five years were as follows:—

Period	1930	1931	1932	1933	1934	Death rate per 1,000 during 1934.
First Quarter ...	217	246	223	279	238	14.44
Second Quarter ...	206	208	190	199	228	13.83
Third Quarter ...	161	157	145	182	187	11.34
Fourth Quarter ...	203	203	190	213	187	11.34

### PRINCIPAL CERTIFIABLE CAUSES OF DEATH.

TABLE TO SHOW PRINCIPAL CERTIFIABLE CAUSES OF DEATH IN THE AREA DURING THE YEAR 1934.

	No. of Deaths.	Proportion of Deaths per 1,000 Deaths from all causes.
<b>Disease of Circulatory System—</b>		
Diseases of the heart ...	153	182.1
Cerebral Haemorrhage, etc.	64	76.2
Other Circulatory Diseases	26	30.9
<b>Respiratory Diseases—</b>		
Pneumonia ...	58	69.0
Influenzal Pneumonia ...	15	17.8
Bronchitis ...	45	53.6
Other Respiratory Diseases	3	1.2
<b>Tuberculosis—</b>		
Tuberculosis (all forms) ...	59	70.2
<b>Cancer and Malignant Diseases—</b>		
Cancer and Malignant diseases	108	128.6
<b>Deaths from all causes</b> ...	840	

### INFANTILE MORTALITY.

There were 85 deaths of children under one year of age, which gives an Infantile Mortality Rate of 77 to every 1,000 children born.

During 1934 there were 14 deaths from Measles and Respiratory diseases among infants, in 1933 there were 22, and in 1932, 37.

The infantile mortality rates for England and Wales and for the Great Towns were 59 and 63 respectively.

### CHILD MORTALITY.

There were 45 deaths of children between the ages of 1 to 5 years. The principal causes of death were as follows:—Bronchitis, Pneumonia and Measles.

### NEO-NATAL MORTALITY.

The neo-natal mortality, i.e., the death rate under 1 month of age per 1,000 births, was 34.0 compared with 34.5 in 1933; 25.0 in 1932; 31.3 in 1931; 25.0 in 1930; 32.8 in 1929.

### MARRIAGES.

I am indebted to the interim, Superintendent Registrar, (Allan J. Little) for the following particulars:—

The number of marriages which took place within the County Borough of Tynemouth, during the year ended 31st December, 1934 was 624, made up as follows:—

Church of England	...	...	...	...	336
Roman Catholic Church	...	...	...	...	56
Registry Office	...	...	...	...	163
Non-Conformist	...	...	...	...	69
					<hr/> 624 <hr/>

### CHIEF OCCUPATIONS OF INHABITANTS (1931 Census Return)

The chief occupation of the inhabitants is set out below:—

Workers in Transport and Communication	...	...	...	4,363
Metal Workers (including fitters and engineers)	...	...	...	3,009
Commercial Finance, Insurance	...	...	...	3,752
Institution, Personal Service (including domestics)	...	...	...	3,358
Undefined Workers (General labourers, etc.)	...	...	...	3,584
Mining and Quarrying	...	...	...	964
Clerks, Draughtsmen, etc.	...	...	...	1,849
Fishermen	...	...	...	975
Workers in wood and furniture	...	...	...	925
Bricklayers, Builders, etc.	...	...	...	961
Professional (doctors, ministers, lawyers, teachers, etc.)	...	...	...	961
Total occupied, 14 years and over	...	...	...	28,057
Total unoccupied and retired, 14 years and over	...	...	...	19,932

### UNEMPLOYMENT.

The following tables, for which I am indebted to Mr. A. A. Sharing, Manager of North Shields Labour Exchange, to Mr. S. Oldroyd, Secretary Juvenile Employment Bureau, and to Mr.



G. Brown, Public Assistance Officer, Tynemouth, shows to some extent the amount of unemployment in the area during the past 5 years.

INFORMATION WITH REGARD TO PERSONS IN RECEIPT OF RELIEF.

	1930	1931	1932	1933	1934
Number of persons receiving out-relief ... ..	977	747	1,302	1,749	2,450
Average weekly number of persons receiving in-door relief ... ..	425	413	442	425	397
Total number of persons receiving in-door relief ...	993	1,004	1,493	1,635	1,585

The amount expended in out-door relief in the County Borough of Tynemouth, during 1934 was £33,501 12s. 2d.

**Statement showing the Number of Persons Registered as Unemployed at the North Shields Employment Exchange on the Last Monday in March, in each year.**

	1930	1931	1932	1933	1934
Total Live Register ...	3,647	5,167	6,593	6,654	5,811
Temporary Stoppage Claims included in Total ...	113	1,452	1,984	1,597	1,203

**Average Monthly Figures of Unemployed Juveniles between the ages of 14—18 years, during the years commencing August, 1923, to July, 1933, inclusive.**

1929—1930	1930—1931	1931—1932	1932—1933	1933—1934
258	339	382	379	378

## General Provision of Health Services.

### MEDICAL PRACTITIONERS.

There are 22 doctors resident in the County Borough of Tynemouth who are engaged in private practice.

### NATIONAL HEALTH INSURANCE.

I am indebted to Mr. Elias Lambie, Clerk to the Tynemouth Insurance Committee, for the following particulars:—

Average number of insured persons in the County Borough of Tynemouth during the year 1934 ...	23,826
Total number of prescriptions dispensed from December 1st, 1933, to November 30th, 1934 ...	97,557
Average cost per prescription ...	7.8 pence
Average cost per insured person ...	33.1 pence

## PUBLIC MEDICAL SERVICE.

A contributory scheme is in operation in the Borough for the provision of medical services for persons uninsured under the National Health Insurance Scheme. The total number of subscribers is 3,872 persons, living in 1,650 families.

## NURSING IN THE HOME.

Full particulars of this Service which remains unaltered were included in my Report for 1930. During the year 1934, 415 visits were made by the nurses engaged in this work.

## MIDWIVES.

There were 24 midwives practising in the Borough at the end of the year.

The following is the revised list of persons certified as midwives resident or practising within the Borough.

NAME.	ADDRESS.	No. of Certificate.
1. Laidler, Violet M.	... 66, Stephenson St., North Shields	... 18873
2. Warren, Isabella. (Decd.)	11, Linskill Street, North Shields	... 14146
3. Kane, Mary H.	... 11, Hylton Terrace, North Shields	... 59933
4. Hall, Margaret.	... 17, Chirton Avenue, North Shields	... 57867
5. Wight, Elizabeth.	... 3, Waterford Crescent, Whitley Bay	... 63300
6. Hyslop, Mary.	... Frater Maternity Home, North Shields	... 69598
7. Simpson, Priscilla.	... 79, Whitley Road, Whitley Bay	... 67025
8. Smiles, Georgina.	... 39, Burdon Street, Percy Main	... 67998
9. Carter, Henrietta.	... 24, Queen Alexandra Road West, North Shields	... 49124
10. Matthewson, M. A.	... Tynemouth Victoria Jubilee Infirmary, North Shields	... 46551
11. Jackson, Mary.	... 78, Prudhoe Street, North Shields	... 60926
12. Robertson, Ivy M.	... Maternity Hospital, Willington Quay	... 42233
13. Fanthorpe, Ethel	... 2, Wallsend Road, North Shields	... 45664
14. Luke, May L.	... 58, Belford Terrace, North Shields	... 66397
15. Mooney, Emily.	... 8, Hylton Street, North Shields	... 79036
16. McLeod, Ethel.	... Training Centre, Willington Quay	... 78385
17. Bartle, Annie W.	... 36, Stanley Street, Willington Quay	... 59071
18. Young, Ellen.	... 28, Percy Street, Tynemouth	... 31031
19. Corney, Catherine.	... Tynemouth Victoria Jubilee Infirmary, North Shields	... 52258
20. Wake, Justina A.	... 29, Lansdowne Terrace West, North Shields	... 68633
21. Lawson, M. E.	... 97, The Avenue, Wallsend	... 56928
22. Baird, Margaret.	... 9, Frater Terrace, East Howdon	... 70363
23. Carr, Eleanor.	... 53, Front Street, Monkseaton	... 45975
24. Fairclough, Hilda A.	... Fernholme, Sparty Lea, Allenheads	... 80204

There are no new arrangements for the employment of or for subsidising midwives, but Pupil Midwife teaching is undertaken by the Local Authority as described in my Annual Report for 1930. The number of patients attended by pupil midwives under supervision, during 1934 was 303.



# Hospitals in the County Borough of Tynemouth.

Name.	Situation.	Purpose.	Beds avail- able.	Proportion of beds used by Tynemouth and inhabitants of other districts.	Manage- ment.	Medical Staff.	Nursing Staff.	REMARKS.
Tynemouth Victoria Jubilee Infirmary	Hawkey's Lane, North Shields.	General Medical & Surgical cases, Maternity cases, Children, Ear, Nose, & Throat treated. Out- patients massage. Hydro- Electric Therapeu- tic.	80	Tynemouth 71% Wallsend 6% Whitley Bay 16% Others 7%	Voluntary Committee	Honorary Physicians ... 8 Hon. Surgeon to Ear, Nose & Throat Department* ... 1 Hon. Radiologist* ... 1 Hon. Pathologist* ... 1 Hon. Dentist* ... 1 House Surgeons ... 2	Matron ... 1 Sisters and Nurses ... 28	Provides certain services by arrangement for the local authority; such as Ear, Nose and Throat treatment for children; treatment of complicated Maternity cases, Puerperal Fever and Puerperal Pyrexia; Ortho- pedic Surgery for Child- ren; X-ray examination of children. Future structural & service extensions are possible, when the financial position permits.
Preston Hospital	Preston Road, North Shields.	A "mixed" Institution, administer- ed under the Poor Law Act. Hospital beds avail- able for all general diseases, Tuber- culosis and certain in- fectious diseases, Maternity cases, sick children, and Chron- ic sick.	"Hospital" Beds, 438. "House" Beds, 503.	Northumberland County Council, 45% approxi- mately. Tynemouth Corporation, 55% approximately.	Public Assistance Committee Tynemouth Corpora- tion.	Medical Superin- tendent ... 1 Asst. Medical Officer* ... 1 Asst. Medical Officer* ... 1 Consultant Surgeon* ... 1 Dental Officer* ... 1 (One part time Medical Officer shared with Health Department).	Supt. Nurse 1 Home Sister 1 Sister Tutor 1 Sisters ... 9 Staff Nurses 10 Probationer Nurses 45 Total ... 67	The Hospital has not been appropriated under the local Government Act 1929. See Annual Reports 1930 and 1931.
Moor Park Hospital	Billy Mill, North Shields.	Isolation and treat- ment of Scarlet fever, Diphtheria, Typhoid fever, and Tuber- culosis cases.	68	Tynemouth County Borough, 100%	Health Committee Tynemouth Corpora- tion.	Medical Officer of Health Asst. " " " "	Matron ... 1 Sisters ... 2 Nurses ... 11	The buildings which consist of old temporary buildings, erected in 1902, during a Smallpox epidemic have been partially modernised. A new Administration Block is now in course of erection.
Balkwell Hospital	Balkwell, North Shields.	Isolation & treatment of Small- pox cases.	20	Tynemouth County Borough, 100%	Health Committee Tynemouth Corpora- tion.	Medical Officer of Health Asst. " " " "	Engaged as required. Mat- ron of Moor Park Hospital is also Matron of Balkwell Hospital.	Opened, 1924.
Frater Home	Hawkey's Lane, North Shields.	Uncompli- cated Maternity cases.	6 (and two labour beds).	Tynemouth County Borough, 100%	Health Committee Tynemouth Corpora- tion.	General Practitioners attend their own patients in the Home.	Matron† ... 1 Sister ... 1 Nurses ... 2	Opened, 1920. Administered in co-operation with the Tynemouth Victoria Jubilee Infirmary. One Matron acting for both Institutions

\*Part Time. †Also Matron of Tynemouth Victoria Jubilee Infirmary.





# Hospitals in the Vicinity of Tynemouth.

Name.	Situation.	Purpose Treatment for.	Beds available.	Proportion used by inhabitants of Tynemouth.	Management.	Medical Staff.	Nursing Staff.	Remarks.
Royal Victoria Hospital, Tynemouth.	Newcastle-upon-Tyne.	Medical, Surgical, Children, etc.	614 and 500 beds, 1 per cent.	Under 1 per cent.	Voluntary Committee	Consulting Physicians ... 12 Resident House Physicians ... 20 Resident Surgeons ... 12 Resident Anaesthetists ... 2	Average Nursing Staff, 1934 ... 245	Medical Beds ... 186 Surgical Beds ... 286 Maternity Beds ... 12 Venereal Diseases ... 14 Tuberculous Beds ... 60 Scientific Sick Beds ... 20 Diseases of the Skin, etc. ... 20 Diseases of the Eye ... 32 Orthopaedic Beds ... 48 Total Beds ... 731
Newcastle General Hospital.	Newcastle-upon-Tyne.	General & Surgical, Chronic, etc.	746	NIL	Health Committee	Medical Superintendent ... 1 Deputy Medical Supt. ... 1 Resident House Physicians and Surgeons ... 14 Visiting Staff ... 14	184	Medical Beds ... 161 Surgical Beds ... 184 Maternity Beds ... 12 Venereal Diseases ... 14 Tuberculous Beds ... 60 Scientific Sick Beds ... 20 Diseases of the Skin, etc. ... 20 Diseases of the Eye ... 32 Orthopaedic Beds ... 48 Total Beds ... 731
Wallend Hospital.	Wallend-on-Tyne.	Medical, Maternity.	6	NIL	Voluntary Committee	Consultants and Local Practitioners.	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical Beds ... 6 Maternity Beds ... 6 Total Beds ... 12
Princess Mary Hospital for Sick Children.	Newcastle-upon-Tyne.	Children.	88	1 per cent.	Voluntary Committee	Consultant Physician ... 1 Consultants in Special Diseases ... 1 House Surgeons ... 2	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical Beds ... 184 Surgical Beds ... 184 Maternity Beds ... 12 Venereal Diseases ... 14 Tuberculous Beds ... 60 Scientific Sick Beds ... 20 Diseases of the Skin, etc. ... 20 Diseases of the Eye ... 32 Orthopaedic Beds ... 48 Total Beds ... 731
Princess Mary Maternity Hospital.	Newcastle-upon-Tyne.	Maternity.	88	under 1 per cent.	Voluntary Committee	Consultant Obstetricians ... 4 Resident M.O.s ... 2	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical Beds ... 184 Surgical Beds ... 184 Maternity Beds ... 12 Venereal Diseases ... 14 Tuberculous Beds ... 60 Scientific Sick Beds ... 20 Diseases of the Skin, etc. ... 20 Diseases of the Eye ... 32 Orthopaedic Beds ... 48 Total Beds ... 731
Maternity Hospital.	Willington Quay.	Maternity.	14	10 per cent.	Voluntary Committee	Hon. Surgeon ... 1 Hon. Physician ... 1 Hon. Obstetrician ... 1	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical Beds ... 184 Surgical Beds ... 184 Maternity Beds ... 12 Venereal Diseases ... 14 Tuberculous Beds ... 60 Scientific Sick Beds ... 20 Diseases of the Skin, etc. ... 20 Diseases of the Eye ... 32 Orthopaedic Beds ... 48 Total Beds ... 731
The J. S. S. Hospital for Sick Children.	Goosforth.	Orthopaedic, etc.	124	Varied	Voluntary Committee	Medical Officer ... 1 Orthopaedic Surgeons ... 2 Radiologist ... 1	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Eye Hospital.	St. Mary's.	Eye Diseases.	22	Not known	Voluntary Committee	Hon. Consultants ... 2 Hon. Physician ... 1 Hon. Surgeon ... 1 Hon. Neurologist ... 1	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Throat, Nose and Ear Hospital.	Rye Hill.	Diseases of Throat, Nose, and Ear.	35	NIL	Voluntary Committee	Consultant Surgeons ... 2 Other Honorary M.O.s ... 10	12	Medical, Surgical, Orthopaedic, etc.
Hospital for Grange, etc.	Grange.	Grange, etc.	6	NIL	Voluntary Committee	Physicians, Honorary ... 2 Asst. Physicians, Hon. ... 1	2	New patients treated during year, 631. Total population, 2,101. Electro-therapeutic department in use.
Infectious Hospital.	Salford Hill.	Scarlet Fever, Diphtheria.	72	50 per cent.	Isolation Hospital Board	1 part-time Medical Supt.	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Earldon Grange Hospital.	Earldon.	Smallpox.	16	No fixed arrangement.	Isolation Hospital Board	1 part-time Medical Supt.	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Infectious Hospital.	Wallend-on-Tyne.	Infectious Diseases.	96	NIL	Wallend-on-Tyne Corporation	Medical Officer of Health	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Smallpox Hospital.	Wallend-on-Tyne.	Smallpox.	20	NIL	Wallend-on-Tyne Corporation	Medical Officer of Health	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
City Hospital.	Walker Gate.	Infectious Diseases & Tuberculosis.	288	NIL	Health Committee	Medical Supt. (M.O.H.) ... 1 Deputy Med. Supt. (Asst. M.O.H.) ... 1 Resident M.O.s ... 3	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.
Smallpox and Infectious Hospital.	Town Moor.	Smallpox.	172	NIL	Health Committee	Supplied from City Hospital in and when required.	Matron ... 1 Staff Nurse ... 1 Probationer ... 1 Asst. Nurse ... 1	Medical, Surgical, Orthopaedic, etc.

REPORT OF THE COMMISSIONER OF THE LAND OFFICE

No.	Name	Age	Sex	Color	Religion	Education	Occupation	Marital Status	Place of Birth	Date of Arrival	Date of Departure	Remarks
1	John Smith	25	M	W	Anglican	High School	Farmer	Married	England	1880	1885	
2	Mary Jones	22	F	W	Anglican	High School	Housewife	Married	England	1880	1885	
3	James Brown	30	M	W	Anglican	High School	Farmer	Married	England	1880	1885	
4	Elizabeth White	28	F	W	Anglican	High School	Housewife	Married	England	1880	1885	
5	William Black	35	M	W	Anglican	High School	Farmer	Married	England	1880	1885	
6	Ann Green	20	F	W	Anglican	High School	Housewife	Married	England	1880	1885	
7	Robert Grey	27	M	W	Anglican	High School	Farmer	Married	England	1880	1885	
8	Charlotte Hall	24	F	W	Anglican	High School	Housewife	Married	England	1880	1885	
9	Thomas King	32	M	W	Anglican	High School	Farmer	Married	England	1880	1885	
10	Isabella Lee	21	F	W	Anglican	High School	Housewife	Married	England	1880	1885	



**SUPERVISION OF MIDWIVES.**

Routine visits of inspection are carried out by the four Inspectors of Midwives (H.V.'s) employed by the Local Authority. During the year 11 visits were made by Health Visitors to homes of midwives and 18 visits were paid by midwives to M. & C.W. Centre. Total: 29 visits.

**POOR LAW MEDICAL OUT-RELIEF.**

Districts.	Wards.	Population (1931 Census)	Persons receiving Medical Out-relief during 1934
Tynemouth—			
Central ...	...	29,036	531
Dockwray ...	...		
Linskill ...	...		
Percy ...	...		
North Shields—			
Collingwood ...	...	35,886	434
Milbourn ...	...		
Preston ...	...		
Rudyerd ...	...		
Trinity ...	...		
Total	...	64,922	965

This service is now carried out on lines similar to National Health Insurance.

**LABORATORY FACILITIES.**

During the year there has been no change in the provision of laboratory facilities which were described in the Annual Report for 1930. The following table shows the number, nature and results of examination of the specimens examined in the Tynemouth Laboratory since 1930.

YEAR.	Diphtheria.		Phthisis.		Typhoid Fever.		Strepto- coccus.		Miscellan- eous	Totals
	+	—	+	—	+	—	+	—		
1930	269	1576	45	197	7	43	—	—	175	2312
1931	125	1048	40	169	3	7	—	—	377	1769
1932	52	563	56	196	1	16	25	300	39	1248
1933	55	396	45	227	1	8	14	302	45	1093
1934	121	816	38	185	—	4	11	423	23	1621

The bacteriological examination of milk and water and other specimens is carried out by arrangement at the Durham College of Medicine laboratory, Newcastle.

The following specimens were examined during the year 1934:—

Samples of Milk for tubercle bacilli ... ..	80
Samples of Milk for B.coli and count ... ..	13
Samples of Water for bacteriological examination ...	23
Agglutination tests ... ..	11
Other specimens ... ..	23

Chemical analyses are performed for the Local Authority by the Public Analysts for the Borough, in their laboratory in Newcastle.

Four samples of water were examined during the year.

In the County Borough Hospital and in the Tynemouth Victoria Jubilee Infirmary, certain examinations and analyses of clinical material are performed by the staff of each hospital.

Such examinations include Blood Counts, Blood Sugar examinations, Urine analyses, Slide and Smear preparations, etc.

## **HOSPITALS AND INSTITUTIONS.**

The Hospital services in the area and in the adjoining districts were described and discussed in the Annual Report for 1930. This year only additions or alterations in each hospital service are mentioned.



## Hospital Beds in the County Borough of Tynemouth.

Classification of Wards.	Preston Hospital (Council).			Tynemouth Victoria Jubilee Infirmary. Voluntary.		Frater Maternity Home. (Council)	Moor Park Infectious Diseases, (Council)	Balkwell Smallpox Hospital. (Council)	Total.
	No. of Wards	Beds.		Male 3 wards	Female 3 wards and side wards.				
Medical ...	7	84	81	15	4	...	...	...	} 307
Surgical ...	...	...	...	23	23	...	...	...	
Children ...	3	...	...	...	...	...	...	...	
Chronic Sick ...	3	58	28	...	...	...	...	...	86
Veneral ...	2	6	4	...	...	...	...	...	10
Tuberculosis ...	6	40	26	...	...	...	20	...	111
Isolation ...	...	...	...	...	...	...	48	20	68
Maternity ...	1	...	12	...	8	6	...	...	26
Mental—(a) Short stay	2	2	2	...	...	...	...	...	4
(b) Long stay	...	...	...	...	...	...	...	...	...
Mental Defective ...	...	...	...	...	...	...	...	...	...
Other ...	...	...	...	...	...	...	...	...	...
Total ...	24	190	153	38	34	6	68	20	612

All Beds—612.

No beds are specifically reserved for Orthopaedic ; Ear Nose and Throat ; Puerperal Fever and Pyrexia, or Ophthalmia Neonatorum cases, but beds for these diseases are available at both Preston Road Institution and the Victoria Jubilee Infirmary.

\*Includes 25 beds for Children.

## FACILITIES AVAILABLE AT HOSPITALS IN THE BOROUGH OF TYNEMOUTH.

### Preston Hospital.

During 1933 an agreement as to joint usage of this hospital with Northumberland County Council, was extended to a period of 20 years, namely until 1950.

The following table is inserted to show the number of patients treated and the nature of diseases dealt with in Preston Hospital during the year 1934. The figures relate to all patients admitted, from the County Borough of Tynemouth and the County Council of Northumberland.

Number of beds available—438.

Classification of beds.				Provided.	Occupied on 31/12/34.
Medical and Surgical	...	...	...	165	Med. 85, Surg. 39.
					Total, 124
Children	...	...	...	70	61
Chronic Sick	...	...	...	86	70
Tuberculosis (25 for children)	...	...	...	91	81*
Maternity	...	...	...	12	6
Others	...	...	...	14	11
				438	353

\*Includes 34 cases of tuberculosis.

Number of patients admitted during the year	...	...	1805
Number of patients discharged during the year	...	...	1840
Number of deaths during the year	...	...	413
Average number of beds occupied	...	...	377
(Highest 409, on 24/1/34; Lowest 340, on 14/9/34)			
Number of patients seen at Venereal Diseases Clinic	...	...	489
Number of Surgical operations under General Anaes.	...	...	33
Number of Children, including children suffering from Tuberculosis, admitted from 1/1/34 to 31/12/34	...	...	518
Number of Maternity patients admitted from 1/1/34 to 31/12/34	...	...	85
Number of X-Ray Examinations (patients from Preston Hospital)	...	...	228



**Tynemouth Victoria Jubilee Infirmary.**

A description of this hospital was included in the Annual Report for 1930.

The following table summarises the work of the hospital during the year 1934.

PATIENTS TREATED—In-patients, 1,638; Out-patients, 4,325;  
Total—5,963.

OPERATIONS under general anaesthesia—1,912.

PATIENTS TREATED IN MASSAGE AND ELECTRICITY DEPARTMENT—317.

EXAMINATIONS IN X-RAY DEPARTMENT—1,515.

SPECIMENS EXAMINED IN LABORATORY—2,828.

IN-PATIENTS TREATED DURING 1934, ACCORDING TO INJURY OR DISEASE—

	Total.
Accidents ... ..	122
Surgical—(Alimentary, 337; Genito-urinary, 111; Gynaecological, 37; Diseases of the Bone, 50; Miscellaneous, 163) ... ..	698
Medical—(Pulmonary, 18; Circulatory, 2; Aliment- ary, 79; Nervous, 2; Genito-urinary, 12; Miscell- aneous, 36) ... ..	149
Children's Diseases ... ..	520
Maternity—Normal, 81; complicated, 68 ... ..	149
Total ... ..	1,638

OPERATIONS UNDER ANAESTHESIA,

during :—	1931	1932	1933	1934
Abdominal ... ..	528	564	398	335
Ear, Nose and Throat ... ..	280	289	307	224
Orthopaedic ... ..	124	190	215	202
Dental ... ..	46	116	188	142
Radium and Diathermy ... ..	7	12	10	58
Others ... ..	285	314	716	951
Total ... ..	1,270	1,485	1,834	1,912

### FRATER MATERNITY HOME.

Particulars of this Home are included in the Annual Report, 1931, and previous years. As routine, swabs are taken from all patients admitted and the staff are also submitted periodically to bacteriological examination. The following table shows the bacteriological findings of such examinations:—

	Patients.	Staff.
Number of examinations ... ..	323	64
Number of swabs showing streptococci ...	6	2

K.L.B. was discovered in 7 cases (6 patients and 1 staff).

The number of patients admitted during the year was 112.

The nett cost per patient during the year 1933—1934, was £3·5s. 11·9d. per patient per week.

### BALKWELL SMALLPOX HOSPITAL.

No cases of smallpox were admitted during the year but the chambers erected during 1933 and 1934, for purposes of deinfestation of furniture of tenants from Clearance Areas, under the Housing Act, 1930, were used as during 1933. The wards, when necessary, were utilised for the accomodation of the families of such tenants whose furniture was unable to be removed before nightfall. These families received board and lodging over night. Apart from this the hospital was used for no other purpose during the year.

I strongly advise that some scheme to utilise more fully the accommodation provided by this well appointed little hospital, should be devised and an arrangement, if possible, entered into with surrounding authorities to come into operation should smallpox ever occur.

### MOOR PARK HOSPITAL.

Particulars of this Hospital are given in the Annual Reports for 1930 and 1931.

The new Administration Block and Nurse's Home was commenced in the latter part of the year and it is expected that it will be ready for occupation in June or July, 1935.



## ADMISSIONS, DISCHARGES, AND DEATHS DURING 1934.

Disease.	Patients in hospital on 1st January, 1934.	Admitted	Discharged	Died	Remaining in hospital on 31st Dec., 1934.
Diphtheria ...	3	47	41	4	5
Scarlet Fever ...	15	295	276	6	28
Enteric Fever ...	—	4	4	—	—
Tuberculosis ...	15	27	38	4	—
Pneumonia ...	—	1	1	—	—
Erysipelas ...	—	5	4	—	1
Measles and G. Measles ...	—	11	11	—	—
Other * ...	—	13	13	—	—
Totals ...	33	403	388	14	34

\*11 Suspicious cases (5 Scarlet Fever, 4 Diphtheria, 1 Cerebro-Spinal Fever, 1 Erysipelas), 1 Diphtheria carrier and 1 Diphtheria case from outside borough.

The total number of days spent in hospital by patients during the year was 14,494, or an average of 35·9 days per patient.

The use of specific sera for the treatment of infectious disease has been considerably extended during the year. It will be noted that the average stay of patients in hospital has been reduced by approximately 8 days.

**TUBERCULOSIS.**

The provision of beds under the Public Health Acts for Tuberculosis patients was outlined in the Annual Report for 1930. 91 beds are provided in Preston Hospital, which is administered under the Poor Law Acts, and there are 20 beds at Moor Park for tuberculous persons.

**LOCAL GOVERNMENT ACT, 1929.**

No consultation has been held by the Voluntary Hospital as required by Section 13 of the Local Government Act, 1929.

**Institutional Provision for Unmarried Mothers and Illegitimate Infants, Homeless Children, and other children.**

There has been no change in the above provision, which was detailed in my Report for 1930. The following notes show the extent of the work accomplished during the year by the various organisations.

TYNEMOUTH RESCUE AND PREVENTIVE ASSOCIATION (voluntary, but subsidised by Council)—

Cases investigated	...	...	...	97
Cases placed in homes	...	...	...	23
Visits paid and received	...	...	...	1,363

## PUBLIC ASSISTANCE COMMITTEE, TYNEMOUTH COUNTY BOROUGH.

Admitted to Homes—Orphans, 2; Deserted children, 10;  
Illegitimate children, 14; Others, 19.

Admitted to Institution—Unmarried mothers, 11; Illegitimate children, 23; Homeless children, Nil.

**St. Aidan's Home, Tynemouth.**

See Annual Report for 1930, page 29.

**St. Oswald's Home, Cullercoats.**

See Annual Report for 1930, page 29.

**The Leslie Holiday Home, Seaton Sluice.**

There has been no change in the administration of this Home, which was reported upon in my Annual Report for 1930.

During the year there were 116 admissions, comprising 44 adults, 31 boys, and 41 girls.

**INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.**

Full particulars on this subject were included in the Annual Report for 1930, page 29. The following table shows the Institutions used by the Local Authority and the number of patients under treatment at the end of 1934.

		Prudhoe Hall Colony, Northumb'land N.E. Co. Boro. Joint Board.	Horton* Poor Law Institution, South Shields C.B.	Howbeck* House Poor Law Institution W. Hartlepool C.B.	Durran Hill House, Carlisle R.C. Certified Institution.	Rampton State Inst., Notts. Board of Control for violent cases.
Feeble minded	M.	27	4	2	—	2
	F.	18	—	2	—	1
Imbeciles	M.	3	1	1	—	—
	F.	1	—	—	1	—

\*Part of premises a certified institution.

Mental Defectives are also admitted from time to time to Preston Road Institution, North Shields, "as a place of safety" pending removal to an approved Institution.

In addition the following cases are under Statutory Supervision:—

Males	...	...	...	...	...	33
(including 3 on leave of absence on licence)						
Females	...	...	...	...	...	41

One case (female) is on leave of absence on licence in the care of a Guardian under the supervision of the Central Association for Mental Welfare.



## CLINICS AND TREATMENT CENTRES IN THE COUNTY BOROUGH OF TYNEMOUTH.

The following list gives a brief description of the Clinics and Treatment Centres which are available in the County Borough of Tynemouth.

<i>Name and Situation.</i>	<i>Nature of Accommodation.</i>	<i>By whom Provided.</i>	<i>Remarks.</i>
Maternity and Child Welfare Centre, Health Dept., Preston Road, North Shields.	Accommodation for consultations weighing, etc. Ultra Violet light clinic, lectures and demonstrations.	Tynemouth Corporation.	Adjoins Preston Hospital.
Ante-natal Clinic, Victoria Jubilee Infirmary, North Shields.	Two consulting rooms and dressing rooms. One waiting room and side room.	Do.	Situated in the Vol. Hospital: premises are rented from Vol. Hospital Committee. Staffed by General Practitioners
School Clinic, South Preston Villa, North Shields.	Waiting rooms, consulting rooms, ophthalmoscopic room, offices, etc.	Do.	Remainder of building occupied by staff of Education Offices.
Tuberculosis Dispensary. Health Dept., No. Shields.	Waiting rooms, dressing rooms, Nurses' weighing room, laboratory, Ultra-Violet light room.	Do.	In same premises as Health Office and adjoining Preston Hospital.
Ultra-Violet light: Health Dept., North Shields.	Dressing rooms, light room, two carbon arcs, 30 amp. one lamp for local treatment. Also used as diagnostic centre for Ringworm. (Woods Glass)	Do.	Also utilised by M. & C. W. Centre, Preston Hospital & Education Department.
Venereal Diseases Clinic, Preston Hospital, North Shields.	Complete unit, with exception of own laboratory facilities.	Do.	An auxiliary Centre run in conjunction with Skin Clinic, R. V. Inf., Newcastle.

X-Ray Dept. : Preston Hospital, North Shields.	Waiting and Dressing Rooms, Developing Room, etc. Separate Screens and Table Apparatus.	Do.	Situated near T.B. Dis- pensary and Preston Hospital and used by both Departments Officially opened 9th March, 1932
North Shields Dispen- sary, Church Street, North Shields.	Consulting room and dispensary.	Voluntary Association	—
Out-patient Departm't, Jubilee Infirmary, No. Shields.	Waiting room, dressing rooms, consulting rooms, Minor opera- tions room. Laboratory. Massage. Operating Theatre.	Do.	—
Dental Clinic, Jubilee Infirmary, No. Shields.	In out-patient depart- ment of same Instit- ution.	Do.	—
Ear, Nose and Throat Clinic, Jubilee Infir- mary, North Shields.	Waiting room, consult- ing room and examina- tion room.	Do.	—

### AMBULANCE FACILITIES.

The following Ambulance facilities are available in the Borough and are provided by the Corporation:—

- (1) Motor ambulance for infectious diseases at North Shields. (Purchased 1931).
- (2) Horse-drawn ambulance for smallpox cases at North Shields.
- (3) Motor ambulance for non-infectious cases at the North Shields Fire Station.
- (4) Motor saloon for convalescent cases at Preston Hospital.

Two disinfecting vans and a car for the use of the Medical Officers are also provided by the Council. One of the vans was renewed during the year.

### LOCAL GOVERNMENT ACT 1929.

In accordance with instructions in Circular 1119, issued by the Minister of Health, an account of the transferred institution and other institutions available for the sick inhabitants of the area, was given in the Annual Report for 1930. Alterations in the Hospital Services during the years 1931, 1932 and 1933, have been mentioned in the paragraphs dealing with the individual hospitals,



It still remains impossible to appropriate for purposes of the Special Acts (Sec. 5 (1) ), any part of Preston Hospital, which is a transferred institution containing 438 hospital beds. It is uneconomic to develop hospital services for a small County Borough and improvement in the available general hospital service transferred to the Tynemouth Council will only be practicable when there is a defined area of sufficient size to utilise the hospital to its fullest capacity.

The agreement with the Northumberland County Council as to joint usage extends until 1950. This period is much too short to enable a satisfactory policy of development to be decided upon. The primary question to be answered is, What combination of areas is to be agreed upon for the joint usage of this hospital, and until this question is answered, any suggestion as to development can only be of a tentative character.

### HEALTH EDUCATION.

Health Education continues on similar lines to those indicated in the Annual Report for 1930, and includes Lectures on Social Hygiene, Press Propoganda, Continuous instruction emanating from schools and clinics on hygiene and physical welfare, Dental Lectures, School Talks on Nutrition, etc.

The magazine " Better Health " continues to be issued and distributed throughout the town by the Health Department. The contract for the supply will cease in September, 1935.

### BLIND PERSONS.

Details of the care of the blind in the area are contained on page 35 of the Annual Report for 1930.

The following is an analysis of the Blind Persons in the Borough on the Register of Blind Persons:—

At School ... ..	2	Between 60 & 70 ...	22
Under 20 years ... ..	1	„ 70 & 80 ...	12
Between 20 & 30 ... ..	8	„ 80 & 90 ...	3
„ 30 & 40 ... ..	9	Over 90 ... ..	1
„ 40 & 50 ... ..	10	Age not known ...	3
„ 50 & 60 ... ..	11		
Total ... ..	82		

Under Sec. 66 of the Public Health Amendment Act, 1925, for the prevention of Blindness and for the treatment of eye disease or injury, no cases were dealt with during the year.

During the year 1933 the agreement by means of which the care of the blind in the district was carried out by the Tynemouth Blind Welfare Society, was terminated and the administration was transferred to the Tynemouth Council.

The workshops remain closed, although a small section is still kept open for trainees.

### **MATERNAL MORTALITY PROVISIONS.**

The arrangements for the investigation of maternal deaths and cases of Puerperal Fever, Puerperal Pyrexia and their treatment are shown on pages 36 and 37 of the Annual Report, 1930. During the year six maternal deaths were investigated, the reports being forwarded to the Ministry of Health. Bacteriological examinations are made of the staff and every patient admitted to the Maternity Home.

Of the six fatal cases two cases had accepted ante-natal care.

### **REGISTRATION OF NURSING HOMES.**

There are no Homes in the Borough registered under the Nursing Homes Registration Act, 1927.

No applications have been received by the local Supervising Authority during the year for registration under the Nursing Homes Registration Act, 1927.

Under Section 6 of the Act, power is given to exempt certain hospitals from the operation of the Act, and under this Section, exemption has been granted to the Tynemouth Victoria Jubilee Infirmary (voluntary general hospital, with a maternity ward).

### **LEGISLATION IN FORCE.**

The Legislation in force in the area is administered through the departments of the Town Clerk and the Medical Officer of Health.

The following table shows the Legislation in force in the Borough.

#### **Adopted Acts—**

	Date of Adoption.
Infectious Diseases (Notification) Act, 1889	... 23rd October, 1889.
Infectious Diseases (Prevention) Act, 1890	... 11th September, 1891



## Public Health Acts Amendment Act, 1890—

Part II.	...	...	...	...	...	23rd March, 1892
Part III.	...	...	...	...	...	9th February, 1891
Part IV.	...	...	...	...	...	21st April, 1896
Part V.	(to come into operation 1st Jan. 1921).					24th November, 1920

## Public Health Acts Amendment Act, 1907—

Part II., Sections 15 to 27 and 29 to 33	...	} 28th August, 1909
Part III., Sections 34 to 47 and 49 to 51	...	
Part IV., Sections 52 to 65 and 67, 68	...	
Parts V., VI., and X.	... ..	
(Certain adaptations were made by the Local Government Board with regard to Sections 25, 27, 35, 38, 59, 75 and 92).		
Part VII., Sections 79 to 86	... ..	} 1st February, 1909
Part VIII., Sections 88 to 90	... ..	
Part IX.	... ..	

Notification of Births Act, 1907	...	...	...	1st May, 1912
Public Library Act	...	...	...	13th July, 1869
Cran Measures Act, 1908	...	...	...	2nd March, 1914
Health Resorts and Watering Places Act, 1921	...	...	...	1st March, 1926
Local Government and Other Officers Superannuation Act, 1922	...	...	...	16th July, 1929
Public Health Act, 1925, Parts II., III., IV., V.	...	...	...	25th July, 1934

**Local Acts—**

Tynemouth Improvement Act, 1866.  
 Tynemouth Corporation Act, 1916.  
 Tynemouth Corporation Act, 1919.  
 Tynemouth Corporation Act, 1924.  
 Tynemouth Corporation Act, 1934.

**Bye Laws—**

Bye Laws re	Seamen's Lodging Houses.
"	Common Lodging Houses.
"	Good Rule and Government of Borough.
"	Disorderly Houses.
"	Street Cleansing, etc.
"	Slaughter Houses.
"	Offensive Trades.
"	New Streets and Buildings.
"	Maternity Homes.
"	Houses divided into Separate Tenements.

### **EXTENSION OF PUBLIC HEALTH MEDICAL SERVICES DURING 1934.**

1. Building of New Administration Block and Nurses' Home at Moor Park Isolation Hospital.

### **SPECIAL REPORTS.**

1. Report to Health Committee on Rehousing under 1930 Housing Act.
2. Report to Health Committee on the Distribution of Dried Milk.

## **Sanitary Circumstances of the Area.**

### **WATER.**

The Water Undertaking of the County Borough of Tynemouth is a large one, as an asset it is valued at £878,880.

The supply is on the constant system, and is a mixture of water from three sources, viz.:—

- (1) From the area of a watershed at Fontburn, near Rothbury.  
Area of watershed— $11\frac{1}{2}$  square miles; upland moorland.  
Capacity of Reservoir— $721\frac{1}{2}$  million gallons.
- (2) From the Tosson Springs on the North East side of Simon-side Hills, near Rothbury.
- (3) From Springs at Cartington, which is on the North West side of Rothbury.

The following areas are supplied with water from the above water supply of the Tynemouth Corporation:—

Tynemouth C.B.; Ashington U.D.C.; Whitley and Monk-seaton U.D.C.; Seaton Delaval U.D.C.; Cramlington U.D.C.; Newbiggin U.D.C.; and Bedlington U.D.C.

and part of Morpeth Rural District.

There are 4 Reservoirs in the Borough, viz.:—Ridges, Billy Mill, Moor Houses, and Brock Farm.

The following is the chemical analysis of a sample of water drawn from a bib cock in the yard of Mariners' Homes, Tynemouth, 2nd May, 1934.



Public Analyst's Laboratory,

10, Dean Street,

Newcastle-upon-Tyne.

7th May, 1934.

We hereby certify that we have analysed the undermentioned sample of Water, and that we find the following results:—

Sample marked: "Sample from Town Supply taken from bib cock in the yard of Mariners' Homes, Tynemouth, 2nd May, 1934.

	Parts per 100,000
Total solid matter in solution dried at 100° C. ...	9·800
Chlorine existing as chlorides ... ..	0·994
Ammonia ... ..	None
Albuminoid ammonia ... ..	0·004
Nitrogen existing as nitrates ... ..	0·007
Oxygen absorbed in 15 minutes at 25° C. ...	0·354
Oxygen absorbed in 4 hours at 25° C. ...	0·570
Lead and other poisonous metals ... ..	None
Hardness before boiling Dr. Clark's scale ...	7·1°
Hardness after boiling 1 hour Dr. Clark's scale ...	6·5°
Appearance in two-foot tube—Dark brownish, yellow and clear.	

Smell when warmed—None.

Microscopical examination of sediment—Satisfactory.

Lead solvency ... .. 0·04.

This sample is similar to the original Front supply, containing even a lower amount of dissolved mineral matter than was usual in that supply and being correspondingly softer. It is practically free from nitrogenous organic matter, but contains a larger amount than usual of the peaty matter (absorbing oxygen from permanganate) which gives it a deep colour. The lead solvency figure is satisfactory. The sample is clear and free from smell and is in our opinion a good water for drinking and general domestic use and suitable for a town supply.

(Signed) J. & H. S. PATTINSON.

Tynemouth Corporation.

## DRAINAGE AND SEWERAGE.

The following sewer work, etc., has been executed during the year (information supplied by the Borough Surveyor).

New sewerage laid by private enterprise ...	1,253 l. yds.
Balkwell Estate ... ..	708 l. yds.
Ridges Estate ... ..	2,900 l. yds.

The sewers on the Ridges Estate have been laid on the separate system, i.e., the foul water is entirely separate from the surface water sewer and although both occupy the same trench the surface water is, in nearly every case, at a slightly higher level.

During the year there have been no further conversions to the water carriage system, as the only properties unconverted are a small number which are placed too low to enter the sewer.

## CLEANSING AND TRANSPORT DEPARTMENT.

### Report by the Director of Public Cleansing (Mr. Clegg).

The cost of refuse collection, refuse disposal, and street sweeping for the Borough during the past three years was as follows:—

Including Capital and Debt Charges.

YEAR ENDED.		
31st March, 1932.	31st March, 1933.	31st March, 1934.
£19,664.	£20,155.	£19,483.

Excluding Capital and Debt Charges.

YEAR ENDED.		
31st March, 1932.	31st March, 1933.	31st March, 1934.
£16,344.	£16,044.	£15,909.

NOTE:—The figures given in previous reports up to 1932 refer to the "collection of refuse" only.



In 1932 there was an increase of £430 in the Conversion Scheme debt charges and an increase in the street sweeping costs of £482 by reason of the commencement of the mechanical cleansing of gullies, a total of £912, but gross expenditure increased only £372.

In 1933 there was a further increase of Conversion Scheme debt charges of £273, but gross expenditure increased by £492, the difference being more than accounted for by the completion of cheap refuse disposal tips, and reversion to Billy Mill tip.

It will be noted that the operating costs were considerably less in 1934 than in 1932, despite the addition of 1,058 houses in the period.

Almost the whole of the refuse storage in the Borough is by means of galvanised ashbins of standard size, type and materials. There remain only a few privy pails in certain isolated blocks of premises in the town area, which are scheduled for demolition, and a small number of dry and privy ash pits in outlying districts, where it is not practicable to convert to the water carriage system.

The number of privy pail closets in the Borough is 43, and they are situated principally on the riverside.

The number of privy ashpits is 98, situated in the Docks, on the riverside, West Allotments and on farm properties. There are no cess-pools in the area.

During the year, 505 standard ashbins were provided to eliminate defective ashbins and unsuitable receptacles, and for new houses.

Dry house refuse is collected once weekly throughout the Borough, with the exception of the before-mentioned isolated cases. The collection is carried out entirely during the day.

The collection vehicles are the S.D. Freighter, Low Loading type, including one 10 cubic yard dustless cove type and two horse vehicles on pneumatic tyres.

The contents of the privy pails, privy ashpits and dry ashpits are collected by one horse and cart during the night, and disposed of to farmers.

Refuse is disposed of by the controlled tipping method at the Chirton Hill Estate, with the exception of small quantities of trade refuse, which are incinerated by a Heenan and Froude single-cell Incinerator with electric fan for forced draught at Chirton Hill Estate.

The total mileage of streets to be cleansed in the Borough is 73; 16 miles of streets are cleansed daily, 2 miles twice weekly and 55 miles once weekly.

Street cleansing is carried out by the "Orderly System," and by one "Karrier Sweeper-Collector."

Street cleansing was re-organised by the employment of bin trucks. Orderlies carry out the complete sweeping operations and one motor vehicle calls periodically on the beats when the sweepings are emptied from the detachable bins direct into the vehicles. The system is more hygienic than the previous one; sweepings are immediately lifted from the road when swept together, thus preventing their being re-dispersed by the wind. There is less dust nuisance than when heaps were thrown by shovels from the channels to the vehicles. Considerable economy of transport has been effected.

There was no snowfall during the year.

Road Gritting on account of short period frosts was extensive.

The amount of street watering was particularly small, for although the weather was bright and warm during the Summer there was an absence of high winds.

Gully cleansing was carried out by a "Yorkshire" Steam Gully Cleanser.

## **RIVER POLLUTION.**

I have no additional remarks to make on River pollution to those contained in my report for the year 1932.

## **SCHOOLS.**

A brief note is made in this Report on the sanitary condition and water supply of schools, on page 66 of the Chief Sanitary Inspector's Report.

A full report on the health of the scholars and the control of infectious disease and other matters has been published as the Report of the School Medical Officer for the year 1934.



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

### ARTIFICIAL METHODS OF IMMUNIZATION AGAINST DISEASE.

#### VACCINATION.

The administration of this service, described in the Annual Report for 1930, was transferred to the Health Department on 1st February, 1935. The following Table gives the figures relative to the vaccination of Infants in the Borough, for the year 1933, under the Vaccination Acts.

Births.	Vaccinated Successfully.	Insus- ceptible.	Died unvacc- inated.	Conscien- tious Objectors.	Postponed by Medical Certificate.	Re- moved.	Unac- counted.	Percentage not vaccinated including Columns 5, 6, 7 & 8.
1	2	3	4	5	6	7	8	9
1137	238	2	63	781	3	30	20	73.3

In addition, the following number of vaccinations were carried out during the year ended 30th September, 1934.

	Numbers of successful Primary Vaccinations of persons.			Number of Successful Re-vaccinations, i.e. Successful vaccina- tions of persons who had been Successfully vaccinated at some previous time.
	Under one year of Age	One year and upwards	Total	
By the Public Vaccinator, under the Vaccination Acts ... ..	174	21	195	8
By the Medical Officer of Health, under the Provision of the Public Health (Smallpox) Regulations, 1917 ... ..	0	0	0	0

#### IMMUNISATION AGAINST SCARLET FEVER, DIPHTHERIA, AND TYPHOID FEVER.

The following Table shows the number of persons immunized during 1934, against the diseases indicated:—

	Scarlet Fever.	Diphtheria.	Typhoid Fever.
No. of persons submitted to test of susceptibility ... ..	8	16	—
No. of persons inoculated ... ..	—	—	—

**NOTIFICATIONS, CASE MORTALITY, AND ADMISSIONS TO HOSPITAL OF INFECTIOUS  
DISEASES, DURING 1934.**

Disease	Number of Cases Notified.	Number of Deaths.	Case Mortality. %	Number admitted to Infectious Diseases Hospital.	Prop. of Total Notifications admitted to Infectious Diseases Hospital. %	No. of Cases admitted after lapse of following number of Days from Onset.							Average Duration of Stay in Hospital (Days).
						1	2	3	4	5	6	7 & over	
Scarlet Fever	398	6	1.5	295	74.1	57	82	91	28	13	6	18	28.98
Diphtheria...	58	6	10.3	47	81.0	11	16	2	3	3	3	9	27.33
Puerperal Fever	3	...	...	* 2	66.6	...	1	1	...	...	...	...	38.5
Puerperal Pyrexia	12	...	...	† 8	66.6	2	1	...	...	...	...	...	30.6
Erysipelas	44	2	4.5	5	11.4	...	...	1	2	1	...	1	13.6
Cerebro Spinal Fever	1	...	...	† 1	100.0	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	26	...	...	§ 4	15.4	...	...	...	...	...	...	...	...
Influenzal Pneumonia	10	15	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	74	58	...	1	1.3	1	...	...	...	...	...	...	7.0
Enteric Fever	4	§§ 1	...	4	100.0	...	...	...	...	...	...	4	56.0
Acute Poliomyelitis	2	...	...	...	...	...	...	...	...	...	...	...	...

\* Admitted to Jubilee Infirmary

† 1 removed to Preston Hospital and 2 to Jubilee Infirmary,  
5 were already patients in Preston Hospital.

† Admitted to Preston Hospital.

§ 3 removed to Preston Hospital and 1 to Jubilee Infirmary.

§§ Inward transfer.



**SMALLPOX.**

There were no cases notified during the year.

One contact was kept under observation from an infected port.

**CHOLERA AND PLAGUE.**

There were no contacts kept under observation during the year and no cases were notified.

**SCARLET FEVER.** (See tables on pages 82 and 83).

During the year 398 cases were notified, as compared with 247 in 1933. 295 of the notified cases were admitted to Moor Park Hospital. There were 6 deaths from this disease.

The average duration of treatment in Hospital was 28.98 days.

There were 12 return cases. For particulars of the Dick Test and Immunisation, see page 29.

**DIPHTHERIA.** (See tables on pages 82 and 83).

During the year 58 cases were notified as compared with 18 during the year 1933. 47 cases were admitted to Moor Park Hospital.

Six cases died (4 in Moor Park Hospital).

The average duration of treatment in hospital was 27.3 days.

937 swabs were examined in the laboratory for the presence of diphtheria bacilli (see page 11).

The distribution of anti-toxin to general practitioners was continued as in previous years. During 1934, 144,000 units of anti-toxin were distributed in 64 phials.

Particulars of the number of cases immunised against diphtheria is shown on page 29.

**ENTERIC FEVER.** (See tables on pages 82 and 83).

Four cases of enteric fever were notified in the months of March, September and October, all cases were admitted to Moor Park and discharged cured.

**ENCEPHALITIS LETHARGICA.**

No cases were notified during the year. The arrangement for the treatment of the acute and chronic stages of patients suffering from this disease are outlined in the Annual Report for 1930.

On the 1st January, 1935, there were 3 patients from Tyne-mouth County Borough receiving treatment, also 3 cases from Northumberland County Area, in Preston Hospital on account of mental or physical disabilities consequent upon an attack of Encephalitis Lethargica.

**CEREBRO SPINAL FEVER.** (See tables on pages 82 and 83).

One case was notified during the year 1934, 6 having been notified in 1933; there were no deaths.

The patient was admitted to Preston Hospital.

Treatment carried out was by lumbar puncture and serum, on similar lines to those indicated in my Report for 1931.

The diagnosis was confirmed by bacteriological examination.

Particulars of the results of serum treatment are forwarded in each case to the Ministry of Health.

**ACUTE POLIOMYELITIS.**

Two cases were notified during the year; both were treated at home.

**PNEUMONIA.** (See Annual Report for 1930).

There were 58 deaths from Pneumonia (excluding Influenzal Pneumonia) during the year, as compared with 79 deaths in 1933 and 63 in 1932. The greatest number of notifications were received in the first quarter of the year. The average number of deaths during the past 35 years has been 68 per annum. Moreover, there has been little or no reduction in the mortality rate during the period.

The relation of the size of the house to the incidence of infection is shown in the appropriate table on page 38.

**PUERPERAL PYREXIA AND PUERPERAL FEVER.**

**Puerperal Pyrexia.**

Of 12 notified cases, 8 were admitted to hospital under the Puerperal Pyrexia Regulations. The services of a consultant was not required. The eventual diagnosis of the 12 notified cases was as follows:—

Puerperal Sepsis	...	...	...	...	...	3
Sapraemia	...	...	...	...	...	2
Disease of Respiratory Tract and Influenza	...	...	...	...	...	1
Disturbance of Mammary Gland	...	...	...	...	...	1
Other Causes	...	...	...	...	...	3
Tuberculosis	...	...	...	...	...	1
Eclampsia	...	...	...	...	...	1



**Puerperal Fever.**

3 Cases were notified during the year.

There were no deaths.

A consultant was called in for one case.

**OPHTHALMIA NEONATORUM.**

Twenty-one of the cases occurred in the practice of midwives, and 5 occurred in cases attended by medical men. The Local Authority have an arrangement with the District Nursing Association, whereby their nurses attend and treat all cases, if the medical man who has been called in desires nursing assistance. Twelve of the cases were attended by the staff of the Nursing Association, 266 visits being made.

In addition to visits paid to cases of Ophthalmia Neonatorum, 135 visits were made to eight cases of Discharging Eyes.

CASES.			Vision un- impaired.	Vision impaired.	Total Blindness.	Deaths.
Notified.	TREATED.					
	At Home.	In Hospital				
26	22	4	26	—	—	—

**MEASLES AND WHOOPING COUGH.**

The following Table shows the number of deaths from Measles (including German Measles) and Whooping Cough, from 1923 to 1934:—

		1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934
Whooping Cough	School Notifications	280	28	267	130	26	218	68	216	117	149	206	164
	Deaths at all ages ...	30	1	14	10	1	7	2	11	2	6	5	2
Measles (includes German Measles).	School Notifications	904	210	781	40	631	44	454	313	595	179	501	997
	Deaths at all ages ...	46	1	34	1	5	4	17	—	18	3	7	14

Eleven cases of Measles were treated in Moor Park Hospital.

Fourteen visits were paid by the District Nurse to one home case of Measles.

### DIARRHOEA AND ENTERITIS.

Deaths under two year, 5, mortality rate, 4.3 per 1,000 births. The mortality rates for England and Wales and the Great Towns, were 5.5 and 7.4 respectively.

Deaths (all ages) 10; Mortality Rate per 1,000 of the population, 0.15.

The Health Visitors make enquiries at the homes of cases where deaths are observed in the weekly mortality returns, and in such cases as may come to their knowledge during the course of ordinary routine visitation.

**FOOD POISONING.** (Dysentery and Salmonella group of Organisms).

Three cases of suspected food poisoning were notified during the year; there were no deaths; in no case were we able to obtain any bacteriological proof of infection by food poisoning organisms.

### DISEASES CONTRIBUTING LARGELY TO THE DEATH RATE, OR OF SPECIAL INTEREST. (See appendix Table II.).

#### INFLUENZA.

There were 15 deaths from Influenza in 1934 (2 of which were due to Influenzal Pneumonia), as compared with 31 deaths from this cause in 1933.

As Influenza is not a notifiable disease, actual incidence of the disease amongst the population is difficult to estimate. The severity of an epidemic also varies greatly from time to time, but there can be no doubt that by reason of its debilitating influence and the depression of its after-effects, Influenza ranks high among the fatal diseases, many deaths, though occurring not actually from Influenza, being due to other diseases contracted in a period of convalescence.

The disease this year was most prevalent in the months of March and May.



**RESPIRATORY DISEASES.** (See appendix Table II.). Annual Reports for 1930 and 1931.

Pneumonia, Bronchitis and other Respiratory diseases:—

Deaths, 106, Mortality rate per 1,000 living, 1.61.

**CANCER.**

DEATHS AND DEATH RATE FROM CANCER.

	1900 -04	1905 -09	1910 -14	1915 -19	1920 -24	1925 -29	1930	1931	1932	1933	1934
Deaths ... ..	157	185	244	287	319	315	70	61	75	89	108
Death Rate per 1,000 living ...	0.596	0.672	0.823	1.001	0.996	0.950	1.06	0.942	1.143	1.353	1.637
Proportion of deaths per 1,000 deaths from all causes ... ..	31	37	51	56	72	74	89	75	100	102	128

Deaths, 1934—108. Mortality rate per 1,000—1.637.

There are ample facilities for early diagnosis and treatment in the Borough at the Tynemouth Victoria Jubilee Infirmary, where there is a complete unit including the services of an honorary consultant radiologist, and honorary consultant surgeon. During the year there were 45 patients admitted suffering from cancer or malignant disease, and the majority of these patients were operated upon. Radium treatment is also available locally, and during the year 3 patients received this form of treatment.

Palliative Hospital treatment is also available, and in Preston Hospital 48 patients from the County Borough of Tynemouth suffering from inoperable Cancer were discharged from, or died in, that Institution during 1934.

The localisation, age and sex distribution of the disease are shown in the following Table for the year 1934.

	5-15		15-25		25-45		45-65		65 yrs. and upwards.		Totals	
	yrs.		yrs.		yrs.		yrs.					
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Buccal Cavity	—	...	...	...	...	...	2	...	10	1	12	1
Stomach, liver, etc.—	...	...	...	...	...	...	10	6	11	6	21	12
Peritoneum, intestines and rectum	—	...	...	...	3	...	4	5	12	3	19	8
Female genital organs	...	...	...	...	...	1	...	8	...	...	...	9
Breast	—	...	...	...	...	1	...	2	...	4	...	7
Skin	—	...	...	...	...	...	1	...	2	...	3	..
Unclassified	—	...	...	...	...	...	5	3	6	2	11	5
Totals	—	...	...	...	3	2	22	24	41	16	66	42

Enquiries in accordance with Circ. 1136 show very clearly that there is frequently a fatal delay before medical advice is sought.

### DISEASES OF THE CIRCULATORY SYSTEM.

Under this heading are included Cerebral Haemorrhage, Heart Disease and Arterio Sclerosis.

#### DEATHS IN AGE AND SEX GROUPS DURING 1934.

		All Ages	0-	1-	2-	5-	15-	25-	45-	65-	75
Heart Disease—	Male	83	...	...	...	...	1	3	30	20	29
	Female	63	...	...	...	2	...	4	17	19	21
Cerebral Haem—	Male	32	...	...	...	...	...	...	6	22	4
	Female	29	...	...	...	...	...	...	4	16	9
Other Circulatory Diseases—											
	Male	14	...	...	...	...	...	...	1	6	7
	Female	11	...	...	...	...	...	...	2	4	5
Total		...	...	...	...	2	1	7	60	87	75

### INFECTIOUS DISEASES DIAGNOSTIC SERVICES.

Laboratory facilities and the services of the Medical Officers in the Health Department are available for the diagnosis of doubtful or unusual cases of infectious disease,



During the year the Medical Officers of the Department dealt with 12 cases in this connection.

### SCHOOL INTIMATIONS OF DISEASE.

Each week a return is received from the Education Department giving the numbers and the causes of absences from each school. This return is of particular value in dealing with the control of non-notifiable diseases, and is also a guide as to the amount of sickness in the area. When epidemics are prevalent, infected schools are visited by the Medical Staff and the children examined, with a view to excluding possible latent sources of infection in the scholars. In addition, the homes of children absent on account of sickness are visited by the School Nurses and Health Visitors, and appropriate advice is given on the prevention of diseases and their complications.

Children discharged from the Municipal Hospitals are notified to the Health Department, and kept under observation by the appropriate Health Visitor.

### PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

(See page 11).

#### DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.

The following Table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station, during 1934.

Disease.	Rooms.	Articles of Clothing.
Scarlet Fever ... ..	453	2,814
Diphtheria ... ..	79	341
Enteric Fever ... ..	3	42
Tuberculosis ... ..	125	179
Vermin ... ..	76	13
Cancer ... ..	12	72
Cerebro-Spinal Meningitis ... ..	4	24
Puerperal Pyrexia ... ..	—	7
Erysipelas ... ..	6	37
Other Diseases* ... ..	29	127
Total ... ..	787	3,656

\*Measles, Chicken Pox, etc.

Four Bundles of clothing from Slum Clearance Areas were disinfected during the period 24th February to the end of the year.

The Council have three disinfectors, one at Moor Park Hospital, one at Balkwell Hospital, and one at Preston Hospital. The disinfection of articles removed from infected homes is undertaken at the station at Moor Park Hospital.

There are two Ford Motor vans for the transport of infected and sterilised clothing and bedding. These vans made 877 journeys during the year. The number of days on which the disinfectant was in use at Moor Park Hospital, amounted to 254.

One of the Ford motor vans was replaced in June, 1934.

### DEINFESTATION.

During the year deinfestation of the furniture and effects of persons rehoused from Clearance Areas was carried out at Balkwell Hospital. The process used was 6 hours concentrated fumigation with Sulphur Dioxide (2.8% S.O.<sub>2</sub>); the gas was kept circulating by means of fans. The inspection of the new houses three to four months after the process had been carried out did not reveal the presence of any vermin.

Subsequent inspection of the houses was carried out by the recently appointed Housing Supervisor, and no cases of vermin occurring among families where deinfestation was carried out have been reported.

Between the 25th February and 31st December, 1934, there were 69 batches of furniture deinfested belonging to tenants removed into new houses.

### INCIDENCE OF CHIEF INFECTIOUS DISEASES IN RELATION TO THE SIZE OF THE HOUSE.

RELATION OF SIZE OF HOUSE TO INFECTION DURING 1934.

NOTIFICATIONS.	1 room.	2 rooms.	3 rooms.	4 rooms.	5 rooms and over	Institutions.
Scarlet Fever ...	53	84	106	87	65	3
Incidence rates* ...	9.61	6.08	7.78	6.96	3.90	1.02
Diphtheria ...	0	15	10	23	9	1
Incidence rates* ...	0.0	1.08	0.73	1.84	0.54	0.34
Pneumonia ...	6	20	16	18	24	0
Incidence rates* ...	1.08	1.44	1.17	1.44	1.44	0.0
Erysipelas ...	3	11	8	8	13	1
Incidence rates* ..	0.54	0.79	0.58	0.64	0.78	0.34
Tuberculosis (Pulmonary) ...	8	21	23	22	13	4
Incidence rates* ...	1.45	1.52	1.68	1.76	0.78	1.36
Tuberculosis (Non-Pulmonary)...	5	9	15	5	5	2
Incidence rates* ...	0.90	0.65	1.10	0.40	0.30	0.68
Population† ...	5513	13808	13622	12476	16639	2864

\*The incidence rate per 1,000 is calculated on the persons living in every house of each class in the Borough.

†Population 1931 Census.



## Tuberculosis.

The total number of notifications received was 330, relating to 132 new cases; 12 of the total number were notified more than once.

### PRIMARY NOTIFICATIONS.

		Males.	Females.	Totals
Pulmonary	...	51	40	91
Non-Pulmonary	...	25	16	41
		—	—	—
Totals	...	76	56	132
		—	—	—

In addition, 96 notifications on Form I. and 70 on Form II. were received. Ten cases were transferred from other areas, and 10 cases not notified were entered in the Register from the Death Returns.

- (1) **Pulmonary Tuberculosis.**—Deaths, 47; mortality rate per 1,000, 0.71. The distribution of the deaths with the mortality rate in each ward are as follows:—

WARD.	Popula- tion.	Notifica- tions.	Deaths.	Mortality Rate				
				1934	1933	1932	1931	1930
Central ...	4812	11	3	0.62	0.28	0.84	0.42	0.94
Collingwood	11041	17	12	1.08	0.45	0.73	1.11	1.76
Dockwray ...	7111	9	2	0.28	0.56	1.55	1.86	1.33
Linskill ...	9405	13	4	0.42	0.64	0.54	1.73	0.32
Milbourn ...	5307	10	5	0.94	1.13	0.95	2.88	2.12
Percy ...	8168	7	2	0.24	0.37	0.62	0.37	0.26
Preston ...	8053	10	8	0.99	0.87	0.75	0.38	0.87
Rudyerd ...	5203	5	4	0.77	1.52	1.93	2.35	1.68
Trinity ...	6850	9	7	1.02	0.73	1.17	1.34	1.17
Whole Borough	65950	91	47	0.71	0.82	0.94	1.19	1.12

- (2) **Non-Pulmonary Tuberculosis.**—Deaths, 12, mortality rate per 1,000, 0.18.

# **PULMONARY AND NON-PULMONARY TUBERCULOSIS.**

## MORTALITY RATES.

5 Yearly Averages (1911—1930).

Yearly Rate (1931—1934).

Year.	Pulmonary.	Non-Pulmonary.
1911—1915	1.28	0.56
1916—1920	1.43	0.56
1921—1925	1.16	0.34
1926—1930	1.02	0.36
1931	1.19	0.35
1932	0.94	0.49
1933	0.82	0.16
1934	0.71	0.18

It can be seen from the above table that the 1934 Tuberculosis Death Rate is the lowest recorded and the decrease in the deaths from the Non-Pulmonary form of this disease is very gratifying.

## NEW CASES AND MORTALITY FROM PULMONARY AND NON-PULMONARY FORMS OF TUBERCULOSIS DURING 1934.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	...	...	...	...	...	...	...	...
1—5	1	1	7	5	1	1	1	3
5—10	3	5	7	4	...	...	1	2
15—15	3	2	5	5	1	...	...	2
10—20	9	5	2	1	3	1	1	1
20—25	4	6	1	1	1	6	...	...
25—35	10	11	2	...	7	4	...	...
35—45	6	5	1	...	4	4	1	...
45—55	8	1	...	...	1	1	...	...
55—65	6	3	...	...	8	1	...	...
65 and over	1	1	...	...	3	...	...	...
Totals	51	40	25	16	29	18	4	8

At the end of each week the Death Returns from the Registrar are carefully examined, and all deaths from Tuberculosis noted, to ascertain whether they have been duly notified. In 10 instances, however, it was found that during the year no notification had been received, although the death had been registered as Tuberculosis. In each instance the medical practitioner was written to, drawing his attention to the fact.



In addition, where sputa has been examined at the Public Health Department Laboratory, and found to contain Tubercle Bacilli, steps are taken to secure the immediate notification of such cases from the general practitioner.

### **PUBLIC HEALTH REGULATIONS, 1925.**

No action was taken during the year under Section 62 of the Public Health Act, 1925.

### **NOTIFICATION REGISTER.**

The number of cases of Tuberculosis on the register of notifications, on 31st December, 1934, was:—

Pulmonary.			Non-Pulmonary.			Total Cases.
Males.	Females.	Total.	Males.	Females.	Total.	
216	203	419	133	106	239	658

# REPORT UPON DISPENSARY AND INSTITUTIONAL TREATMENT BY DR. WM. ALCOCK.

RETURN FOR THE YEAR 1934.

(A) Return Showing Work of the Dispensary (or Dispensaries.)

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				Grand Total
	Adults		Children		Adults		Children		Adults		Children		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A—NEW CASES EXAMINED DURING YEAR (EXCLUDING CONTACTS)—													
(a) Definitely tuberculous	35	30	6	6	3	2	16	6	38	32	22	12	104
(b) Doubtfully tuberculous	...	...	...	...	...	...	...	...	8	12	15	9	44
(c) Non-tuberculous	...	...	...	...	...	...	...	...	18	29	15	19	81
B—CONTACTS EXAMINED DURING YEAR—													
(a) Definitely tuberculous	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Non-tuberculous	...	...	...	...	...	...	...	...	4	17	66	68	155
C—CASES WRITTEN OFF DISPENSARY REGISTER AS—													
(a) Recovered	2	3	3	2	1	2	6	5	3	5	9	7	24
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous)	...	...	...	...	...	...	...	...	23	48	87	92	250
NUMBER OF PERSONS ON DISPENSARY REGISTER ON 31ST DECEMBER, 1934—													
(a) Definitely tuberculous	110	89	41	46	24	10	53	32	134	99	94	78	405
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	8	12	15	9	44

1. Number of cases on the Dispensary Register on 1st January, 1934 ... 402
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years ... Nil
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases lost sight of ... 36
4. Cases written off during the year as dead (all causes) ... 29
5. Number of attendances at the Dispensary (including contacts) ... 2425
6. Number of Insured Persons under Domiciliary Treatment on 31st Dec. 94
7. Number of consultations with Medical practitioners :—
  - (a) Personal ... 129
  - (b) Other ... Nil.
8. Number of visits by Tuberculosis Officers to homes (including personal consultations) ... 7
9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes ... 2510
10. Number of
  - (a) Specimens of Sputum etc., examined ... 223
  - (b) X-ray examinations made in connection with Dispensary Work ... 611
11. Number "Recovered" cases restored to Dispensary Register, and included in A(a) and A(b) above ... 2
12. Number of "T.B. plus" cases on Dispensary Register on Dec. 31st ... 92



# CONDITION OF DISPENSARY PATIENTS AT END OF 1934.

(a) PULMONARY TUBERCULOSIS.

TUBERCULOSIS																																															
Conditions at the time of the last record made during the year to which the return relates.	Previous to 1926.				1926.				1927.				1928.				1929.				1930.				1931.				1932.				1933.				1934.										
	Class T.B. minus.				Class T.B. plus.				Class T.B. minus.				Class T.B. plus.				Class T.B. minus.				Class T.B. plus.				Class T.B. minus.				Class T.B. plus.				Class T.B. minus.				Class T.B. plus.										
	Group 1.	Group 2.	Group 3.	Total (Class T.B. minus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)	Group 1.	Group 2.	Group 3.	Total (Class T.B. plus.)											
Dispos. Arrested—Adults M. F. Children	2 1 4	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										
Disease not Arrested—Adults M. F. Children	1 2	...	4 1	...	4 1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										
Condition not ascertained during the year	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										
Total on Dispensary Register at 31st December	9	1	8	1	10	4	1	2	...	3	2	...	2	10	...	...	13	...	7	1	8	16	1	5	1	7	39	...	5	3	8	22	1	4	5	10	32	2	14	4	20	47	2	15	7	24	
Discharged as Recovered—Adults M. F. Children	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Lost sight of, or otherwise removed from Dispensary Register	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dead—Adults M. F. Children	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total written off Dispensary Register	...	...	1	...	1	3	...	...	...	...	3	...	...	...	...	...	2	...	2	1	3	2	...	...	...	...	...	...	3	...	4	...	4	9	...	6	1	7	5	...	4	2	6	6	...	...	...
GRAND TOTALS	9	1	9	1	11	7	1	2	...	3	5	...	2	13	...	...	15	...	9	2	11	18	1	5	1	7	44	...	9	3	12	31	1	10	6	17	37	2	18	6	26	33	2	15	7	24	

\* Includes 1 case transferred from Pulmonary—1931.

† Includes 1 case transferred from Non-Pulmonary (Other Organs), Previous to 1926.

# CONDITION OF DISPENSARY PATIENTS AT END OF 1934.

## (b) NON-PULMONARY TUBERCULOSIS

		Previous to 1920.				1920.				1927.				1928.				1929.				1930.				1931.				1932.				1933.				1934.			
		Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.	Bones and Joints.	Abdominal.	Other Organs.	Peripheral Glands.	Total.					
(a) Remaining on Dispensary Register on 31st December.	Disease Arrested—Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Children F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Disease not Arrested—Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Children F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Condition not ascertained during the year	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Total on Dispensary Register at 31st December		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Transferred to Pulmonary		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
(b) Not reg. on Dispensary Register and reasons for removal therefrom.	Discharged as Recovered	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Children F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Lost sight of, or otherwise removed from Dispensary Register	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Dead—Adults M.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Children F.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Total written off Dispensary Register		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
GRAND TOTALS of (a) and (b) (excluding those transferred to Pulmonary)		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					

(c) Not new on Dispensary Register and reasons for removal therefrom.



(B) Number of Dispensaries for the Treatment of Tuberculosis  
(Excluding centres used only for special forms of treatment).

Provided by the Council ... 1      Provided by voluntary bodies ... Nil.

(C) Number of beds available for the treatment of Tuberculosis  
on the 31st December in Institutions belonging to the Council.

Name of Institution.	For Pulmonary Cases.		For Non-Pulmonary Cases.		Total.
	Adults.	Children under 15.	Adults.	Children under 15.	
Moor Park Hospital ... *includes 2 observation beds	20*	...	...	...	20†
†Stannington Sanatorium ...	—	4	...	2	6
†Barrasford Sanatorium ...	2	...	...	...	2
†Horn Hall Sanatorium, Stanhope ...	6	...	...	...	6
§§Wolsingham Sanatorium...	3	...	...	...	3
<b>Poor Law Institution.</b> Preston Hospital ...	66	25	...	...	91‡

† Used for either Pulmonary or Non-Pulmonary cases.

‡ Patients sent from Tynemouth to these sanatoria by arrangement. The beds do not belong to the Tynemouth Corporation.

§§ Temporary Beds for Women (Pulmonary cases).

(D) Return showing the extent of Residential Treatment and  
Observation during the year in Institutions (other than Poor  
Law Institutions) approved for the treatment of Tuberculosis.

		In Institutions on Jan. 1st. (1)	Admitted during the year. (2)	Discharged during the year. (3)	Died in the Institutions. (4)	In Institutions on Dec 31st (5)
Number of doubtfully tuberculous cases admitted for observation.	Adult males ...	Nil	...	...	...	...
	Adult females ...	Nil	...	...	...	...
	Children ...	Nil	...	...	...	...
	Total ...	Nil	...	...	...	..
Number of definitely tuberculous patients admitted for treatment.	Adult males ...	14	26	32	1	7
	Adult females ...	11	17	22	2	4
	Children ...	6	8	7	1	6
	Total ...	31	51	61	4	17
GRAND TOTAL ...		31	51	61	4	17

(G). Return showing the immediate results of treatment of definitely tuberculous patients discharged during the year from Institutions approved for the treatment of Tuberculosis.

Pulmonary Tuberculosis	Classifi- cation on admission to the Institution.	Condition at time of discharge.	Duration of Residential Treatment in the Institutions.												Grand Totals.			
			Under 3 months.			3—6 months.			6—12 months.			More than 12 months.				Totals.		
			M	F	Ch.	M	F	Ch.	M	F	Ch.	M	F	Ch.				
Class T.B. minors.	Quiescent	...	1	...	1	1	...	4	2	...	...	...	...	4	...	5	9	
	Not Quiescent	..	2	1	...	5	4	...	3	3	...	...	...	10	8	...	18	
	Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Class T.B. plus Group I.	Quiescent	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	
	Not Quiescent.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Class T.B. plus Group II.	Quiescent	...	1	...	...	1	1	...	...	2	...	...	...	2	3	...	5	
	Not Quiescent	...	...	3	...	2	1	...	2	...	...	1	2	5	6	...	11	
	Died in Institution	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	
Class T.B. plus Group III.	Quiescent	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	
	Not Quiescent	..	2	1	...	2	...	...	...	...	...	...	...	4	1	...	5	
	Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
TOTALS (pulmonary)			7	5	1	12	6	4	7	5	...	2	2	...	28	18	5	51
Non-Pulmonary Tuberculosis	Bones and Joints.	Quiescent	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
		Not Quiescent	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abdominal	Quiescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Not Quiescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Organs.	Quiescent	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	1
		Not Quiescent	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peripheral Glands.	Quiescent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Not Quiescent	..	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1
		Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	TOTALS (non-pulmonary)			1	1	...	...	1	...	...	...	...	...	2	1	2	2	5



### **X-RAY EXAMINATIONS.**

Radiography of contacts, suspected cases and all notified cases was carried out during the year, subsequent examinations when necessary were made as part of the routine Dispensary supervision.

332 Radiographs and 279 Screen examinations were made during the year.

### **ULTRA-VIOLET LIGHT THERAPY.**

A separate report deals with the clinical conditions of all patients admitted to treatment during 1934 and sub-divides them into appropriate groups, so as the better to estimate the efficiency of treatment.

The total number of patients treated from 1926—1934 has been 740, of which, 501 were children and 239 adults. Of these, 292 have been definitely discharged as healed; 291 as improved; while 157 have shown little or no improvement.

The figures pertaining to the year 1934 are as follows:—No. of cases, 102, made up of 30 adults and 72 children. Of these 38 were discharged as healed; 47 improved; and 17 showed no improvement.

### **EXTRA NOURISHMENT.**

This was granted in 20 cases during the year, and consisted of orders on Farmers in the Borough to supply certain specified quantities of Eggs and Milk to proved cases of Tuberculosis.

### **CARE AND AFTER-CARE COMMITTEE.**

The Committee, which consists of representatives of practically all voluntary associations in the Borough, and from a number of business firms, etc., continued its activities during the year. During 1934, the number of cases dealt with was 24.

A Flag Day was held during the year and a sum of approximately £30 was collected. A greater collection was expected but the day was marred by inclement weather,

### **REHOUSING OF TUBERCULOUS FAMILIES.**

Under a scheme inaugurated by the Health Committee on the 22nd February, 1933, 6 houses were allotted for the purposes of rehousing families containing one or more cases of pulmonary Tuberculosis of definitely infective nature.

Six families were removed into these houses and are at present occupying them. Each family is given a certain amount of financial assistance to enable them to meet the demand for rents, and to maintain a satisfactory standard of nutrition.

The minimum rent payable by families rehoused under this scheme has been fixed by the Committee at 5/- per week, and after this a sliding scale is operative to determine the total amount of rent payable.

During 1934, one new family was removed to take the place of a tenant who gave up his tenancy voluntarily. Two patients, who were removed during 1933, unfortunately died, but their relatives lived on in the houses for a period of 6 months, in accordance with the tenancy agreement, which allows them 6 month's grace in the event of a patient dying. This 6 month's grace expired in 1935.

The houses are subject periodically to inspection by the Tuberculosis Medical Officer and all families appear to have derived definite benefit to date.

### **INSTITUTIONAL TREATMENT.**

See appendix Tables.

See pages 78 and 81.

## **Venereal Diseases**

5 deaths were registered during the year from syphilis or "specific" disease.

The Centres available for the treatment of venereal diseases are the Clinic of the Royal Victoria Infirmary, Newcastle, and the Auxiliary Centre at Preston Hospital, Tynemouth. The Council propose in the near future to establish a new Clinic for the treatment of females.



The number of persons from Tynemouth treated at the various clinics in the district is given in the following table:—

Disease.	Treatment Centre.			
	Newcastle.	South Shields.	Tyne-mouth.	Other Centres.
Syphilis ... ..	18	3	64	1
Soft Chancre ... ..	—	1	4	—
Gonorrhoea ... ..	10	3	63	5
Conditions other than venereal ... ..	6	5	61	—
Total new cases from Tynemouth ... ..	34	12	192	6
Attendances ... ..	755	150	6680	49
In-patient days ... ..	—	—	227	132
Doses of Salvarsan Substitutes—				
Out-patients and In-patients } ...	220	57	665	19

The attendance at the Preston Hospital Clinic, Tynemouth (including those made by foreigners and non-residents, not included in the above table), are:—

	PRESTON HOSPITAL CLINIC, TYNEMOUTH.			
	Residents.	Non-Residents.	Foreigners	Total.
New cases ... ..	192	61	50	303
Attendances (all cases)	6680	1148	648	8476

The sources from which specimens were sent during 1934, are indicated in the following table:—

Nature of Test.	New-castle V. D. clinic.	South Shields V. D. clinic.	Tyne-mouth V. D. clinic.	Tyne-mouth Infirmary.	Other Centres	Private Practitioners.	R. V. Infirmary, Newcastle.	New-castle Eye Infirmary.
Wasserman Reaction ...	66	24	206	13	3	56	9	8
Microscopical Cerebro—	—	—	8	—	—	13	—	—
Spinal fluid	—	—	—	—	1	—	1	—
Gonoc Infection	—	—	—	—	—	2	—	—
Totals ...	66	24	214	13	4	71	10	8

## Maternity and Child Welfare Department.

### WORK OF MIDWIVES.

Year.	Midwives.	Cases delivered by Mid-wives.	Medical aid summoned.	Stillborn.	Miscarriages
1930	22	950	338	22	13
1931	19	907	322	33	10
1932	24	908	379	25	6
1933	26	827	447	23	4
1934	24	835	359	22	14

The midwives practising in the area attended 955 cases. In 120 of these cases the midwife was acting as a maternity nurse.

There are no Municipal midwives.

### MEDICAL AID.

Medical Aid, in accordance with the rules of the Central Midwives' Board, was summoned during 1934 for the following reasons:—Illness of mother, 274; illness of child, 85.

The following is a summary of the principal reasons for emergency calls:—

- Laceration or rigidity of perineum.
- Delayed labour and Uterine inertia.
- Haemorrhage.
- Discharging Eyes.
- Rise of temperature.
- Debility and other illnesses of child.
- Obstructed Labour and Malpresentation.

### THE CARE OF EXPECTANT MOTHERS.

(With special reference to Circular 1,167 and Memo. 156, M.C.W.).

Full details of the Scheme for Expectant Mothers were given in my Annual Report for 1931.



The abnormalities found were:—

Varicosities	...	...	...	...	61
Albuminuria	...	...	...	...	13
Vaginal discharge	...	...	...	...	7
Malpresentation	...	...	...	...	3
Malformation of pelvis	...	...	...	...	11
Heart disease	...	...	...	...	12
Lung disease	...	...	...	...	3
Anaemia	...	...	...	...	11
Constipation	...	...	...	...	35
Teeth	...	...	...	...	21
Other conditions	...	...	...	...	14
					<hr/> 191

Twenty-three patients showed two or more conditions.

That the co-operation of general practitioners, and midwives, at maternity centres, together with a free choice of doctor by the patient, leads to a great increase in ante-natal medical care is very evident. This year there were 572 patients, 38 less than 1933. The following table indicates the amount of ante-natal medical care undertaken during the year 1934:—

#### PATIENTS ATTENDING ANTE-NATAL CLINIC, 1934.

In-sured.	Unin-sured and not stated.	NEW CASES SENT TO THE CLINIC BY—		No. of patients showing abnormal or pathological conditions.	Total patients (1934)	Total Visits
		Mid-wives	Doctors, Health Visitors, Frater Home, Jubilee Infirmary or Attended independently.			
1934 Cases						
199	373	395	177	191	572	1106

Average number of visits per patient ... .. = 1.9

Total visits paid to Ante-natal clinic by patients = 1106

I have again to thank the honorary medical officers at the Clinic for their assistance and close co-operation without which the work would be considerably handicapped.

### HEALTH VISITING, INFANT HYGIENE, AND CO-ORDINATION OF WORK WITH SCHOOL MEDICAL SERVICES.

The total number of births notified during the year was 1,262, including 44 still-births, and 38 outward transfers. Of the total births, 123 were notified by medical men, 1,049 by midwives, and 90 by parents and others. 24 births were found not to have been notified, but these were duly intimated after the requirements of the Notification of Births Act were brought to the notice of the persons concerned.

The number of first visits by the Health Visitors was 988, and of these 203 births occurred in houses of one apartment, 359 in houses of two apartments, 211 in houses of three apartments, 134 in houses of four apartments, and 81 in houses of five apartments and over.

10,012 re-visits were made to infants under one year, and 6,828 to children from one to five years of age.

Particulars of health visitation and other relevant matter are contained in my Annual Reports for the years 1930, 31 and 32.

The following Table shows the numbers of children on the register and the number of re-visits made during the year 1934, in each age group. (Nett births in the area in 1934 numbered 1,172).

	Number on Register in December, 1934.	Number of re-visits made during 1934.	No. receiving Medical Inspection at the M. & C.W. Centre.	No. of attend- ances for Medical Inspection, during the year.
0—1 year	988	10012	890	5084
1—2 "	} 744	1788	} 744	1740
2—3 "		1907		
3—4 "		1911		
4—5 "		1222		

The School Medical Service and the Child Welfare Service are co-ordinated under the administrative supervision of the Medical Officer of Health. As soon as a child reaches the age of 5 years, the medical record which has been obtained as a result of the Health Visitors' activities, is forwarded to the School Medical Officer, in order that he may have a knowledge of the ailments or defects of the child during its pre-school life.



### **Still-births.**

The number of still-births registered in the Borough, as given by the Registrar General, was 49, included in these numbers were 2 illegitimate still-births.

### **Frater Maternity Home.**

During the year 112 cases were admitted, 104 confinements (3 sets of twins, 107 births). Of these births, 4 were still-births. The births included 55 males and 52 females. The average duration of residence was 12.5 days. Medical aid was requisitioned in 38 instances.

One notification of Puerperal Pyrexia was received from the Maternity Home; a doctor's case, the patient was removed to Jubilee Infirmary.

There was one infantile death during the year; the cause being certified as Infantile Marasmus.

Staff and patients are subjected to routine bacteriological examination. (See page 16).

### **Necessitous and Complicated Cases of Pregnancy and Labour.**

The following Medical Services, provided by the Local Authority, are available for complicated maternity patients.

- (1) Consultant Service.
- (2) Ante-natal Medical Service and Hospital and Surgical treatment.
  - (a) Preston Hospital—Ante-natal beds, and Consultant Service, Operative facilities.
  - (b) Tynemouth Victoria Jubilee Infirmary—
    - (1) Ante-natal Clinic.
    - (2) Ante-natal Medical Practitioners' Service.
    - (3) Ante-natal Consultant Service.
    - (4) Hospital Beds for Complicated Pregnancy.
    - (5) Hospital Beds for Complicated Labour.
    - (6) Hospital Beds for Complicated Puerperium.
    - (7) Operative Facilities.
- (3) Laboratory Service for bacteriological examination.
- (4) Supply of prophylactic and therapeutic sera.
- (5) Medical Aid under Midwives' Act, 1918,

# **MATERNITY MEDICAL SERVICES PROVIDED DURING THE YEAR 1934.**

Services Provided.	Number of occasions on which Medical Services were provided under the various Schemes and Acts.				
	Mid-wives' Act, 1918.	Ante-Natal Clinic.	Local Scheme	Puerperal Fever Regulations.	Total.
<b>DURING PREGNANCY.</b>					
Medical Services ...	64	1106	...	...	1170
Consultant Services	...	...	2	...	2
Hospital or Operative treatment ...	...	...	24	...	24
Bacteriological examination ...	...	...	112	...	112
<b>DURING LABOUR.</b>					
Medical Services ...	102	...	...	...	102
Consultant Services	...	...	5	...	5
Hospital or Operative treatment ...	...	...	19	...	19
Bacteriological examination ...	...	...	...	...	...
Serum Therapy ...	...	...	...	...	...
<b>DURING PUERPERIUM.*</b>					
Medical Services ...	108	...	...	3	111
Consultant Services	...	...	1	1	2
Hospital or Operative treatment ...	...	...	8	2	10
Bacteriological examination ...	...	...	211	...	211
Serum Therapy ...	...	...	...	1	1
<b>Totals ...</b>	<b>274</b>	<b>1106</b>	<b>382</b>	<b>7</b>	<b>1769</b>

\*Includes cases of Puerperal Fever and Puerperal Pyrexia.

112 patients were admitted to the Frater Maternity Home during the year 1934.

85 babies received medical treatment under the Midwives' Acts.

The total births registered as belonging to the Borough during 1934 numbered 1,172 (which includes 33 inward transfers).

Part of the cost of these services is recovered from the patients, in accordance with a scale of charges based on the family income.



## PUERPERAL PYREXIA AND PUERPERAL FEVER REGULATIONS.

For particulars of the arrangements made in connection with these regulations, see Annual Report, 1930, pages 36 and 37.

For notifications during 1934 see pages 82 and 83.

## MILK (MOTHERS AND CHILDREN) ORDER.

Dried milk has been supplied free, or at less than cost price, in 580 cases, and the Committee are greatly indebted to Mrs. A. E. Hill and her co-workers, for carrying on this work, which has been of enormous benefit since the end of the Great War, and especially during the period of depression in trade during the last ten years or so. The following are the details of the milk supplied:—

No. of persons receiving milk at less than cost price	567
*No. of persons receiving milk free ... ..	13
No. of lbs. distributed at less than cost price ...	11,017
No. of lbs. distributed free ... ..	141

\*3 of this number ultimately paid for milk at less than cost price.

Under the voluntary section of the work, the workers meet two afternoons each week to supply Dried Milk and other forms of nourishment to those who are unable to pay the full retail prices, and to those who may be sent by the Medical Officer of the Maternity and Child Welfare Centre. The expenditure on Dried Milk during the year amounted to £697 9s. 10d.

## INFANT LIFE PROTECTION.

The administration of the Children's Acts, 1908 as amended by Part V of the Children and Young Persons Act 1932.

The Infant Life Protection Visitor, who is a transferred officer, works in close co-operation with the Health Visitors and School Nurses of the Local Authority. During the year 62 visits were paid by the visitor.

The following notices were received during the year:—

Reception of Nurse Child ... ..	2
Change of address ... ..	3
Return to parent ... ..	None
Removed to another area ... ..	do.
Adoption ... ..	do.
Reached the age of 9 years ... ..	2

At the end of the year there were 7 children on the register.

**INFECTIOUS DISEASES.**

Disease.	Number of cases notified during the year.	Number of cases visited by officers of the Council	Number of cases for whom home nursing was provided by the Council	Number of cases removed to hospitals.
(1) Ophthalmia Neonatorum	26	23	18	4
(2) Pemphigus Neonatorum	—	—	—	—
(3) Puerperal Fever ...	3	3	—	2
(4) Puerperal Pyrexia ...	12	11	—	8
(5) Measles and German Measles (in children under 5 years of age) ...	—	—	1	†11
(6) Whooping Cough (do.)	—	—	—	—
(7) Epidemic Diarrhoea (do)	—	*5	—	—
(8) Poliomyelitis (do.) ...	2	2	—	—

\* Visited after death.

† Admitted to Moor Park Hospital.

Particulars of infectious diseases affecting mothers and children, will be found on page 33.

**REPORT ON CLINICAL WORK.**

DR. B. M. GRINLING.

**INFANT CONSULTATIONS.**

The Child Welfare Clinics have continued as usual during the year 1934, there being three Clinics held weekly for weighing the children, consultations about health and feeding of the children and general instruction to Mothers.

There were 890 children under 1 year who made 5,084 attendances, 744 over 1 year who made 1,740 attendances, totalling 1,634 children making 6,824 attendances. The average weekly attendance was 131.23 children.



1,139 living children were born in the Borough and 62.4% of these have attended the clinic.

The general health of the children was on the whole good, though quite a marked anaemia has been noted in many during the winter months. This was partly dealt with by means of feeding, help with extra body-building foods being given in some cases and by means of Ultra Violet Ray Therapy.

During the past year 138 children attended the Ultra Violet Ray Clinic, making 406 attendances. Of these 5 made only one or two attendances, but the remaining children, with the exception of two, showed great improvement. Of the two, one was a case of tubercular peritonitis and rickets and was admitted to hospital and ultimately died. The other proved to be definitely tubercular and was accordingly transferred to the Tuberculosis Clinic.

The conditions treated were as follows:—

Rickets	...	...	...	...	...	20
Bronchitis	...	...	...	...	...	3
Pre-tuberculous	...	...	...	...	...	4
Debility and Anaemia	...	...	...	...	...	7
Adenites	...	...	...	...	...	2
Calcium deficiency	...	...	...	...	...	1
Tubercular peritonitis	...	...	...	...	...	1

The milk distributing centre has continued its activities and whereas breast-feeding has been encouraged as much as possible, the milk has been needed in a large proportion of cases either for the child or the nursing mother. Food accessories have been provided also at cost prices.

A fairly large proportion of children over one year have had trouble with teeth, and have needed treatment for conditions of nose, throat and ear and defective vision. These have been dealt with for us very effectively by the Tynemouth Victoria Jubilee Infirmary and the School Medical Officer.

The Voluntary Committee has carried on the care of Maternity bags, of which 16 were lent to lying-in mothers.

The Ante-Natal Clinic has been continued at the Tynemouth Victoria Jubilee Infirmary. It has been conducted by the practitioners of the Town, working in conjunction with the midwives

The Invalid Children's Aid Society has very kindly given us a grant every month for the past winter, to supply free Numol, Virol, etc., to children over one year when the parents have not been able to afford to supply it.

## Sanitary Inspection of the Borough.

By JAMES STANLEY, Senior Sanitary Inspector.

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Public Health Department,  
Tynemouth.

To the MAYOR, ALDERMEN, AND COUNCILLORS,  
Your Worship, Ladies and Gentlemen,

I beg to submit my Annual Report on the work of the Sanitary Inspectors during the year 1934. There has been a greater increase in the work during the year under review than in any previous year, and close supervision and constant attention has been required continually.

There has been an increase in the number of consultations with builders and others, to whom advice has been given, relating to the construction of drains, and the installation of sanitary conveniences and appliances; these consultations have been valuable in securing not only efficiency, but economy also.

Those persons who have been advised, have, in many cases, expressed appreciation of the results achieved.

As in previous years endeavours have been constantly made to secure the abatement of nuisances without having served notices of any kind. These endeavours have prevented, in some instances, unnecessary delay in the abatement of nuisances, have saved expenses, and have been productive of much good.

During the year 1934 the number of nuisances dealt with in this manner was 329, whilst in the previous year they numbered 392.

The various districts are regularly inspected for the detection of nuisances and in some cases informal notices are served on those persons responsible, and Statutory notices are sent if abatement has not been made of the nuisance in a specified time. When a complaint of the existence of a nuisance is received, an inspection is made as soon as possible, and generally abatement follows almost immediately.

The work involved through the operation of the Housing Acts has occupied a large amount of time. The preparation of schemes for Slum Clearance Areas, the removal of tenants to their new houses, the deinfestation of furniture and other articles and finally the closing and securing of vacated premises has, as a consequence, acted against that attention to the ordinary sanitary



administration of the Borough, which is usually given. Although it is obvious that with the limited staff, concentration on the routine work could not be given, it must appear from a study of the tables prepared and by the observations made that excellent work has been performed by your Inspectors.

It may be advisable to say at this time that since the introduction of the water carriage system and the dry dust bin, there has been marked improvement in the habits of the users, not only to their advantage, but to that of those who are responsible for the sanitation of the Borough.

As in previous years it has to be reported that in isolated parts of the Borough there are still a few ashpits and privy pails in use, but as the Housing Programme is carried through many of these will disappear as the houses are condemned and the sites cleared.

I have the honour to remain,

Your obedient Servant,

JAMES STANLEY,

Senior Sanitary Inspector.

### **FACTORIES, WORKSHOPS AND WORKPLACES.**

A number of inspections were made of factories, workshops and workplaces, and when necessary, notification of defects were served upon owners or occupiers.

#### **Inspection of Factories, Workshops and Workplaces.**

(Including Inspections made by Sanitary Inspectors).

Premises.	Inspec- tions.	Number of Written Notices.	Occupiers prosecuted.
Factories ... .. (Including factory laundries)	14	2	Nil.
Workshops ... .. (Including workshops' laundries)	34	Nil.	Nil.
Workplaces ... .. (Other than outworkers' premises)	11	2	Nil.
Total ... ..	59	4	Nil.

The table following shows the matters dealt with after receipt of notices from H.M. Inspector of factories and remedied under the Public Health Acts.

### Defects found in Factories, Workshops and Workplaces.

Particulars.	NUMBER OF DEFECTS.			No. of offences in respect of which Prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector of Factories.	
<b>1. Nuisances under the Public Health Acts.</b>				
Want of cleanliness ... ..	—	—	Nil.	Nil.
Want of ventilation ... ..	—	—	Nil.	Nil.
Overcrowding ... ..	—	—	Nil.	Nil.
Want of drainage of floors ...	—	—	Nil.	Nil.
Other nuisances ... ..	—	—	Nil.	Nil.
Sanitary—				
Accommodation—				
Insufficient ... ..	1	1	Nil.	Nil.
Unsuitable or Defective ... ..	2	2	Nil.	Nil.
Not separate for Sexes ... ..	2	2	Nil.	Nil.
<b>2. Offences under the Factory and Workshops Acts.</b>				
Illegal occupation of underground Bakehouses (S. 101)	—	—	Nil.	Nil.
Other offences, relating to out-work and offences under the Sections mentioned in the Schedule to the Ministry of Health (F. and W. Transfer of Powers) Order, 1921 ...	—	—	Nil.	Nil.
<b>Total ... ..</b>	<b>5</b>	<b>5</b>	<b>Nil.</b>	<b>Nil.</b>

There are on the register, 72 Factories, and 139 workshops and workplaces, Total 211.

### Outworkers.

During the year four notices under Section 107 of the Factory and Workshops' Act, 1901, were received. The premises where the work was done were inspected, and found to be in a satisfactory condition.



### List of Workshops on the Register at the end of the Year.

Basket Maker ... 1	Fish Curers ... 29	Pickle Manufacturers 1
Bakers ... 36	Gas Manufacturer 1	Printers ... 6
Boiler Makers ... 1	Glazier ... 1	Rag Sorter ... 1
Builders ... 3	Hosier ... 1	Rope Maker ... 1
Blacksmiths ... 4	Ice Manufacturers... 2	Saddler ... 1
Cabinet Makers ... 2	Ice Cream	Salt Packers ... 3
Cartwright ... 1	Manufacturers 3	Scale Maker ... 1
Coffee Grinder ... 1	Jeweller ... 1	Sculptor ... 1
Coach Builder ... 1	Joiners ... 15	Shoe Makers ... 5
Coach Painter ... 1	Laundries ... 4	Sheet Iron Worker 1
Coppersmith ... 1	Lead Manufacturer 1	Skin Cleaner ... 1
Compass Adjuster 1	Metal Founders ... 3	Sugar Boilers ... 2
Confectioner ... 1	Milliners ... 3	Tripe Preparers ... 2
Dress Makers ... 6	Mineral Water	Tailors ... 12
Dry Salter ... 1	Manufacturer ... 1	Timber Merchants 8
Dyer ... 1	Motor Engineers ... 5	Tinsmiths ... 4
Engineers ... 7	Net Makers ... 3	Upholsterers ... 4
Farrier ... 1	Oil and Guano	
Firewood Manu- facturers ... 2	Manufacturers ... 2	Total ... 211
Funeral Furnisher 1	Photographers ... 3	
	Plumbers ... 6	

### INSPECTION AND SUPERVISION OF FOOD.

#### Meat.

The amount of meat found to be unfit for food weighed 16 cwts., 17 lbs. ;There is not any system of meat marking under the Public Health (Meat) Regulations, 1924, and for many years no stores or stalls have been used. There are, however, a few vehicles from which meat is purveyed, and these vehicles come into the district from other places.

#### Other Foods.

The amount of food condemned this year has been less than in 1933, and this may be taken as an indication of the high standard of the foods sold in the borough.

All unsound or condemned food stuffs are removed to a factory and there utilized in the manufacture of manure, fertilizers, etc.

There have not been any prosecutions, as in all cases the food condemned has been voluntarily surrendered and destroyed by Order of a Justice of Peace. Large quantities of fish have been dealt with at the Corporation Fish Quay, which is the market at which vessels discharge their catches, but the amount unfit for food was comparatively small, the weight being 16 cwts., 3 qrs., 25 lbs. Fish is imported from both British and Foreign ports.

The quality of the fish is well maintained, as the deep water vessels are well provided with facilities for dealing with and preserving fish, and as inshore vessels land fish almost daily the standard is maintained at a satisfactory level.

During the season a large number of boats are engaged in herring fishing, and the catches are usually landed and dealt with each day.

Mr. Tom McKenzie, Fish Quay Master has kindly placed at my disposal, figures showing the volume and value of the trade done during the years 1933-1934.

White Fish	...	1933	364,826	cwts.	£352,628
do.	...	1934	348,838	„	£392,693
Herrings	...	1933	33,638	crans*	£46,608
do.	...	1934	36,230	„	£37,981
Salmon and Trout	...	1933	160,974	lbs.	£15,603
do.	...	1934	199,443	„	£16,073

\*1 cran =  $3\frac{3}{4}$  cwts.

#### FOOD CONDEMNED.

			<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>	<i>Lbs.</i>
Ham	...	...	—	—	—	14
Pork	...	...	—	4	—	5
Beef	...	...	—	16	—	17
Fish	...	...	—	16	3	25
Prawns	...	...	—	—	1	7
Shrimps	...	...	—	1	—	14
Poultry	...	...	—	—	3	26
Mussels	...	...	—	1	3	—
Total	...	...	2	1	1	24

#### Milk Supplies.

At the end of the end of the year there were 12 cowkeepers who used 25 cowsheds, in which 215 cows were housed. The number of cows is 6 less than in the previous year.

The dairy farms were inspected twice during the year, and the premises, sheds, measures, cans, vehicles and other appliances were found to be in a satisfactory condition. Mr. T. Harper, Veterinary Inspector examined the animals and on each occasion reported them to be in good health.

All premises in the borough which are registered for the sale of milk, or where milk is stored, have been frequently inspected, and no cause for complaint was found, the Regulations having been complied with.

A very large quantity of milk came into the Borough from other areas by road and rail, and the arrival of such consignments and the return of empty cans has been under supervision. It is



worthy of notice that there is an increasing demand for "Designated" Milk, and that the amount sold in the Borough daily must be not less than 250 gallons.

### Retail Purveyors of Milk.

Applications for registration received	...	...	...	...	8
Applications for registration granted	...	...	...	...	8
Number of milk dealers on the register	...	...	...	...	197
Dairy premises registered during the year	...	...	...	...	Nil
Producers and cowkeepers, wholesale dealers registered during 1934	...	...	...	...	1
Applications withdrawn	...	...	...	...	Nil
Producers relinquishing registration	...	...	...	...	Nil

### Graded Milk—Licenses Granted.

Dealers' licenses for Certified Milk	...	...	...	...	1
Supplementary licenses for Certified Milk	...	...	...	...	1
Dealers' licenses for Grade "A" Tuberculin Tested	...	...	...	...	4
Supplementary licenses for Grade "A" Tuberculin Tested	...	...	...	...	3
Dealers' licenses for Grade "A" (Producers)	...	...	...	...	3
Supplementary licenses for Grade "A" Milk	...	...	...	...	1
Dealers' licenses for Grade "A" Milk	...	...	...	...	6
Dealers' licenses for Pasteurised Milk	...	...	...	...	1
Dealers' licenses to bottle Grade "A" Tuberculin Tested	...	...	...	...	2
" " " Grade "A" Milk	...	...	...	...	2
" " " Certified Milk	...	...	...	...	1
Supplementary licenses to bottle Grade "A" Tuberculin Tested	...	...	...	...	1

### Samples Taken.

There were 13 samples taken for examination at the Bacteriological Department of the Durham College of Medicine as provided for by the Milk (Special Designations) Order, 1922. The results are below.

	Bacteria per Cubic Centimeter-					
	under 1,000	1,000 to 5,000	5,000 to 30,000	30,000 to 100,000	100,000 to 200,000	over 200,000
Certified Milk.	None	None	None	None	None	None
Grade "A." Tuberculin tested.	None	None	None	None	None	None
Grade "A." Milk.	2	6	4	None	None	1
Pasteurised Milk.	None	None	None	None	None	None
Pasteurised Grade "A."	None	None	None	None	None	None

The maximum number of bacteria permissible in each grade under the Order is as follows:—

Certified Milk	...	...	...	30,000	per cubic centimetre.
Grade "A" Tuberculin Tested	...	...	...	200,000	" "
Grade "A" Milk	...	...	...	200,000	" "
Pasteurised Grade "A" Milk	...	...	...	30,000	" "
Pasteurised Milk	...	...	...	100,000	" "

The prices for the various grades are:—

Certified Milk	...	...	...	...	4½d. per pint.
Grade "A" Tuberculin Tested	...	...	...	...	3½d. "
Grade "A" Milk	...	...	...	...	3½d. "
Pasteurised Milk	...	...	...	...	3d. "

### MILK. EXAMINATIONS FOR TUBERCLE BACILLI.

Eighty samples of milk were taken for examination; 38 being from sources within the Borough and 42 from outside sources.

The results of the examination by animal inoculation was that 6 disclosed the presence of tubercle bacilli, this figure being 7.5% of the total. Three of the positive samples were from farms outside and three from farms inside the Borough.

The Medical Officer of Health for the district in which the farms were situated and from which the positive milk samples were sent were notified in accordance with the Milk and Dairies Consolidated Act, 1915, Sec. 4 (1). Assurances were subsequently received stating that appropriate action had been taken. The animals on the local farms were examined by the Veterinary Inspector and he had the affected animals removed from the herds and slaughtered. The carcasses were condemned as being unfit for human food.

### TYNEMOUTH CORPORATION ACTS, 1916—1934.

Regulations made under the Acts are in force with respect to premises in which human food is prepared or stored and no premises are permitted to be used as such unless they are registered by the Local Authority. In the Borough there are 54 persons registered as occupiers of premises in which Ice Cream is manufactured and 71 persons are registered as owners or occupiers of premises in which Preserved Meat, or Fish or other Food, is prepared. The figures given do not include the premises used for the business of fish and potato frying.

Number of inspections made of premises used for:—

Manufacture of Ice Cream	...	...	43
Manufacture of Other Foods	...	...	92
Storage of Food	...	...	11



**MERCHANDISE MARKS ACT, 1926.**

There 381 shops and other places which come within the scope of this Act. Information has been given to interested persons on the operations of the Act and premises have been visited as required. It has not been necessary to take any actions for contraventions during the year.

**FOOD AND DRUGS.****Milk and Cream Regulations, 1912--1927.****(1) MILK AND CREAM NOT SOLD AS PRESERVED CREAM.**

	(a) Number of samples examined for the presence of a preservative.	(b) Number in which a preservative was reported to be present.
MILK ...	106	Nil
CREAM ...	12	Nil

Nature of preservative in each case in column (b) and action taken under the Regulations in regard thereto ... Nil

**(2) THICKENING SUBSTANCES.**

Any evidence of the addition to cream. Action taken when found ... Nil

**Artificial Cream Act, 1929.**

No samples were taken under this Act.

**Public Health (Condensed Milk) Regulations, 1923--1927.**

18 samples were taken under these Regulations.

**Public Health (Dried Milk) Regulations, 1923--1927.**

No samples were taken under these Regulations.

**Public Health (Preservatives in Food) Regulations, 1925--1927.**

174 samples were taken under these Regulations.

Four samples of jam were found to contain 10, 20, 30, and 10 parts of sulphur-dioxide per million. Two of the 4 samples also contained traces of copper compounds but not to such an extent as to be harmful. The attention of the manufacturers of these samples of jam was called to the statement of the Public Analyst.

### Chemical Analyses.

This work is carried out by Messrs. J. T. Dunn, D.Sc., F.I.C., and H. C. L. Bloxam, F.I.C., Dean Street, Newcastle-upon-Tyne.

#### SALE OF FOODS AND DRUGS (ADULTERATION) ACT, 1928.

ARTICLES ANALYSED.	No. of samples analysed.	No. found genuine.	No. found not genuine.
FORMAL SAMPLES—			
New Milk ... ..	106	96	10
INFORMAL SAMPLES—			
Condensed Milk ... ..	18	18	—
Cream ... ..	12	12	—
Glycerine ... ..	3	3	—
Ice Cream ... ..	2	2	—
Liquorice Powder ... ..	3	3	—
Zinc Ointment ... ..	7	7	—
Sulphur Ointment ... ..	6	6	—
Boracic Ointment ... ..	6	6	—
Margarine ... ..	6	6	—
Butter ... ..	12	12	—
Lard ... ..	12	12	—
Olive Oil ... ..	3	3	—
Jam ... ..	6	6	—
Gregory Powder ... ..	7	7	—
TOTALS ... ..	209	199	10

The following 10 samples were found not to be genuine or adulterated milk:—

### Milk.

- (1) Deficient in Non-fatty solids 3.5%  
Deficient in Milk Fat 6.6% ... Cautioned by Town Clerk.
- (2) Deficient in Milk Fat 5.0% ... Cautioned by Town Clerk.
- (3) Deficient in Non-fatty solids 5.80% ... Cautioned by Health Committee.
- (4) Deficient in Milk Fat 10.0% ... Cautioned by Town Clerk.
- (5) Deficient in Milk Fat 10.0% ... Cautioned by Town Clerk.
- (6) Deficient in Milk Fat 10.0% ... Cautioned by Health Committee.
- (7) Deficient in Milk Fat 6.60% ... Cautioned by Health Committee.
- (8) Deficient in Non-fatty solids 2.0% ... Cautioned by Town Clerk.
- (9) Deficient in Milk Fat 3.30% ... Cautioned by Town Clerk.
- (10) Deficient in Non-fatty solids 7.60% ... Cautioned by Health Committee.

### Bakehouses.

These have been inspected and have been found in good order and have been regularly limewashed. There are 36 in the Borough.



### **RAG FLOCK ACTS, 1911 and 1928.**

No samples were obtained. This material seems to have fallen into disuse.

### **SLAUGHTER HOUSES.**

There are 4 registered and 20 licenced slaughter houses in the Borough, all of which are privately owned.

No irregularity was found nor any cause for complaint during the hours of slaughter. In March, the Health Sub-Committee visited these premises and found the conditions to be satisfactory.

### **PUBLIC HEALTH (SMOKE ABATEMENT) ACT, 1926.**

A few observations were made during the year and only one complaint was received, but the nuisance was soon abated, as it resulted from careless stoking.

Electricity is superceding steam as power in the few factories. The new powers and definitions in the Smoke Abatement Act have had effect in reducing the nuisance caused by the emissions of smoke.

Open fires are in a great measure responsible for any atmospheric pollution and this method of heating and cooking is general in a borough such as this. In the year 1929 it was estimated that there were 15,536 families or separate occupiers in the Borough using open fires, therefore any smoke nuisances may be attributed to this fact, and not to emissions from other chimneys.

### **SEAMEN'S AND COMMON LODGING HOUSES.**

All these houses have been regularly inspected and have at all times been found in a satisfactory condition.

The Chief Constable has also had inspections made and has apparently found no cause for complaint. At the end of the year there were 8 Seamen's and 5 Common Lodging Houses on the Register.

The Tyne Sailors' Home was opened 78 years ago as a temporary residence for Seamen and is controlled by an Honorary Board of Directors. The Home continues its good work and the results were favourably commented upon at the annual meeting of the Directorate. During the year a large number of men were

lodged at the Home for varying periods, but there was a decrease in the previous year's total. This reduction may be accounted for by the fact that the majority of seamen are not leaving their ships, whilst the unfortunate ones who are ashore have their period of idleness prolonged by the depressed state of the shipping industry. It should be noted that the number of men staying in all the licenced houses shows a decided decrease as through improved facilities the men move from port to port with comparative ease, further, as the new Regulations governing the employment of seamen imposes on the shipowner the responsibility of sending discharged men from the port of discharge back to the port at which they were engaged. This procedure has affected most acutely keepers of lodging houses by deriving them of business.

### **OFFENSIVE TRADES.**

The premises at which Offensive Trades are carried on have been frequently visited and inspected and the Regulations have always been complied with. The following is a list of the trades registered in the Borough:—Tallow Melting, 1; Tripe Boiling, 3; Fish liver Boiling, 1; Fish Manure Manufacturing, 1; Fish Meal Manufacturing, 1; Dealers in Rags and Bone, Animals' skins, etc., 2; Gut Scraping, 1; Fish and Potato Frying, 33.

### **THEATRES, MUSIC HALLS, AND PUBLIC BUILDINGS.**

The Inspector of Public Buildings has regularly visited all places of amusement and no complaint of defects or irregularities have been made in connection with the Ventilation, Sanitation or Cleanliness of any of these buildings.

### **INSPECTION AND TESTING OF DRAINS.**

Questions relating to the remodelling of old systems and the installing of new systems have been discussed with owners and builders with advantage to all persons interested, as both efficiency and economy has been secured. When old systems are tested, smoke is used, unless the drain is uncovered, when the drains, both old and new, are tested with water. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's staff.

The number of drains tested and certified as efficient by the Sanitary Department was 24.

### **SANITARY CONVENIENCES (PUBLIC).**

All Public Conveniences are under the control of the Director of Public Cleansing and have always been kept in a satisfactory condition.



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

As required by the Ministry, special efforts were made during the special Rat Week to secure concerted action in the destruction of rats and mice. Much preparatory work was undertaken during the weeks preceding the appointed time to secure success.

The ascertained results were that 289 rats and 196 mice were destroyed.

Rat traps are available and it is possible that large numbers of rats and mice are caught on farms, warehouses, wharfs and docks, but no reliable information can be obtained on this matter. Special instructions were given to school caretakers and these buildings may be considered free from rodents.

## SCHOOLS.

There have been no complaints of inadequate water supplies, ventilation, sanitation or drainage at any of the schools. There are 22 schools under the Tynemouth Education Authority and the structures are under the supervision of Mr. J. H. Forsyth, the Clerk of Works.

## Housing.

### HOUSES ERECTED DURING 1934.

By the courtesy of the Borough Surveyor, I am enabled to give the number of new houses erected during the year, as shown in the following Table:—

WARD.	NUMBER OF ROOMS.						
	1	2	3	4	5	6	7 & over
Collingwood ...	...	1	113	145	121	2	..
Linskill ...	...	...	...	...	...	...	1
Percy ...	...	...	...	...	97	60	6
Preston ...	...	...	...	2	33	23	.
Totals ...	...	1	113	147	251	85	7

Of the above, 48 three-roomed dwellings, and 48 four-roomed dwellings in Collingwood Ward were provided under the Corporation Housing Scheme.

**NEW HOUSES ERECTED DURING 1934.****(A.) Total Number of Houses Erected—604.**

(1) By the Local Authority ... ..	96
(2) By other Local Authorities ... ..	0
(3) By other Bodies and Persons ... ..	508

**(B.) Houses erected with State Assistance under the Housing Acts. (Included in A).****(1) By the Local Authority—**

(a) For the purpose of Part II. of the Act of 1925	Nil.
(b) For the purpose of Part III. of the Act of 1925	Nil.
(c) For other purposes ... ..	96
(d) Housing Act, 1930 ... ..	Nil.

**I.—Inspection of dwelling houses during the year.**

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	1101
(b) Number of inspections made for the purpose ...	1512
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	0
(b) Number of inspections made for the purpose ...	0
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	206*
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	303

\* Scheduled under Housing Act 1930.

**II.—Remedy of Defects during the year without Service of Formal Notice.**

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority, or their Officers ... ..	543
---	-----

**III.—Action under Statutory Powers during the year.****(A) Proceedings under Sections 17, 18, and 23 of the Housing Act, 1930.**

(1) Number of dwelling houses in respect of which notices were served requiring repairs ... ..	290
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By owners ... ..	347
(b) By Local Authority in default of owners	0



## (B) Proceedings under Public Health Acts.

- |   |    |
|---|----|
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... .. | 13 |
| (2) Number of dwelling houses in which defects were remedied after service of formal notices :—               |    |
| (a) By owners ... ..  | 12 |
| (b) By Local Authority in default of owners   | 0  |

## (C) Proceedings under Sections 19 and 21 of the Housing Act, 1930.

- |  |   |
|--|---|
| (1) Number of dwelling houses in respect of which Demolition Orders were made ... .. | 3 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders ... ..    | 1 |

## (D) Proceedings under Section 20 of the Housing Act, 1930.

- |   |    |
|---|----|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...  | 15 |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... | 0  |

**NUISANCES AND DEFECTS.**

The following table shows the nature of nuisances and defects dealt with:—

NUISANCE OR DEFECT.	NOTICES SERVED.			
	Inspected Under Public Health Acts.		Inspected Under Housing Acts.	
	Informal.	Statutory.	Informal.	Statutory.
Obstructed and defective drains, W.C.'s and gullies	112	4	...	30
Defective privies, outhouses and ashpits ... ..	10	2	...	54
Defective W.C. basins, cisterns, pipes, etc. ... ..	23	1	...	5
Defective spouting, eaves, etc....	41	4	...	64
Defective walls, floors, and ceilings of rooms, gables, etc.	37	4	...	207
Defective and dirty surfaces of yards ... ..	13	1	...	27
Dirty and defective wash-houses ... ..	5	1	...	57
Accumulations of refuse or manure or water ... ..	8	...	...	...
Defective and obstructed scullery sinks ... ..	12	...	...	3
Defective chimneys, fire-places and cooking ranges	23	3	...	111
Defective roofs of buildings	54	6	...	119
Defective doors ... ..	21	1	...	77
Defective windows and skylights ... ..	22	2	...	60
Defective and dirty staircases and passages ... ..	13	1	...	38
Provide additional W.C.'s..	...	...	...	2
Damp walls and floors ...	13	1	...	10
Insufficient ventilation ...	6	...	...	13
Defective yard walls ...	8	...	...	54
No washhouse for tenements	1	...	...	2
Premises infested with rats..	2	...	...	...
Premises overcrowded ...	15	...	...	...
Smoke nuisances ... ..	11	1	...	6
Insufficient sanitary accommodation ... ..	4	...	...	...
Defective set-pots ... ..	8	2	...	41
Nuisance caused by offensive smell ... ..	5	...	...	...
Nuisance from ditch or water-course ... ..	2	...	...	...
Verminous premises ... ..	2	...	...	...
Totals ... ..	471	34	Nil.	980
Number of defects, etc., remedied as a result of notices served during 1934	362	30	Nil.	676



## Appendix.

TABLE I.  
Vital Statistics of Whole District during 1934 and previous Years.

YEAR.	Popula- tion estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.		
		Un- correct'd Number. R.G.	Nett.	Number.	Rate.	of Non- residents register'd in the District.	of Resi- dents not register'd in the District.	Under 1 Year of Age.	At all Ages.	
								Number.	Rate per 1,000 Nett Births.	Number.
1925	66180	1457	1452	1005	15.1	144	40	139	95	901
1926	66560	1356	1341	859	12.9	132	39	100	74	766
1927	67080	1350	1337	992	14.5	184	55	104	77	863
1928	66030	1251	1252	996	15.1	211	48	108	86	833
1929	65880	1266	1203	1029	15.6	215	48	115	95	862
1930	65880	1217	1280	931	14.1	179	35	80	63	787
1931	64720	1324	1276	950	14.7	173	37	102	80	814
1932	65630	1266	1238	890	13.6	179	37	86	69	748
1933	65770	1137	1135	1033	16.1	238	48	96	84	873
1934	65950	1233	1172	1022	15.5	229	47	85	77	840

Area of District in acres (exclusive of area covered by water), 4,284.

Total population at all ages, 64,922.  
 Population in private families, 62,058.  
 Number of private families, 16,079.  
 Average number of persons per family, 3.86  
 Number of dwelling-houses, 13,635.  
 Number of inhabited dwelling-houses, 13,338

At Census of 1931.

TABLE II.  
Causes of, and Age at Death during the Year 1934.

Causes of Death.	Net Deaths at the Subjoined ages, of "Residents" whether occurring within or without the District.										Total Deaths whether of "Residents" or "Non- Residents" in Institutions in the District.
	ALL AGES	Under 1 year	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and under 75 years.	75 and over.	
All Causes { Certified ...	800	81	16	28	37	23	76	217	174	148	546
{ Uncertified ...	40	4	...	1	1	1	4	13	6	10	3
1 Typhoid and Paratyphoid											
Fever ...	1	...	...	...	...	1	...	...	...	...	1
2 Measles ...	14	1	5	7	1	...	...	...	...	...	4
3 Scarlet Fever ...	6	...	...	2	3	...	1	...	...	...	4
4 Whooping cough ...	2	1	...	1	...	...	...	...	...	...	...
5 Diphtheria ...	6	...	...	1	2	1	2	...	...	...	6
6 Influenza ...	15	...	...	...	2	2	4	3	4	...	1
7 Encephalitis lethargica ...	3	...	...	...	...	...	...	3	...	...	6
8 Cerebro spinal fever ...	...	...	...	...	...	...	...	...	...	...	1
9 Tuberculosis of respiratory system...	47	...	...	2	1	11	19	11	3	...	45
10 Other Tuberculous diseases	12	...	2	2	5	2	1	...	...	...	11
11 Syphilis ...	8	5	...	...	...	...	2	1	...	...	8
12 General Paralysis of the insane tabes dorsalis ...	5	...	...	...	...	...	1	4	...	...	5
13 Cancer, malignant disease ...	108	...	...	...	...	...	5	46	44	13	81
14 Diabetes ...	11	...	...	...	1	...	2	...	7	1	5
15 Cerebral hæmorrhage, &c. ...	64	1	...	...	...	...	...	31	20	12	52
16 Heart disease ...	153	...	...	...	6	1	7	49	41	49	107
17 Aneurysm ...	1	...	...	...	...	...	...	1	...	...	1
18 Other circulatory diseases ..	26	...	...	...	...	...	...	10	6	10	11
19 Bronchitis ...	45	12	2	...	...	...	...	5	12	14	8
20 Pneumonia (all forms) ...	58	9	7	6	6	1	8	11	7	3	33
21 Other respiratory diseases ..	3	...	...	...	1	...	...	1	1	...	1
22 Peptic ulcer ...	4	...	...	...	...	...	1	3	...	...	3
23 Diarrhoea, &c., (under 2 yrs.)	5	4	1	...	...	...	...	...	...	...	5
24 Appendicitis ...	10	...	...	1	1	...	3	4	1	...	9
25 Cirrhosis of liver ...	1	...	...	...	...	...	...	1	...	...	...
26 Other diseases of liver, &c. ...	...	...	...	...	...	...	...	...	...	...	...
27 Other digestive diseases ...	...	...	...	...	...	...	...	...	...	...	...
28 Acute and chronic nephritis	31	...	...	...	1	...	3	9	9	9	20
29 Puerperal sepsis ...	...	...	...	...	...	...	...	...	...	...	2
30 Other puerperal causes ...	6	...	...	...	...	1	5	...	...	...	4
31 Congenital debility, prema- ture birth, malformation, &c.	37	36	...	1	...	...	...	...	...	...	16
32 Senility ...	45	...	...	...	...	...	...	...	10	35	20
33 Suicide ...	4	...	...	...	...	...	2	2	...	...	...
34 Other Deaths, from violence	18	2	...	1	2	1	5	5	2	...	13
35 Other defined diseases ...	68	11	1	...	5	1	5	28	9	8	60
36 Causes ill-defined or unknown	23	3	...	3	1	2	4	2	4	4	6
TOTALS ...	840	85	16	29	38	24	80	230	180	158	549
Sub-Entries (included in above figures):—											
20a Pneumonia (lobar) ...	24	...	...	3	4	2	4	7	2	2	13
35a Rheumatic fever ...	1	...	...	...	...	...	...	1	...	...	...
35a Erysipelas ...	2	1	...	...	...	...	...	1	...	...	2



TABLE IIa.  
Causes of Death during the Year 1934.

Allocated to the Wards in which they occurred.

CAUSES OF DEATH.				WARDS.								
				All Ages.	Central.	Collingwood	Dockway.	Linskill.	Milbourn.	Percy	Preston.	Rudyard.
All Causes { Certified { Uncertified	...	800	67	131	95	91	59	101	98	79	80	
	...	40	2	9	2	4	6	5	5	2	4	
1 Typhoid and paratyphoid fever	...	1	...	...	...	...	...	1	...	...	...	
2 Measles	...	14	2	1	5	3	...	...	...	3	...	
3 Scarlet fever	...	6	1	...	2	...	...	2	1	...	...	
4 Whooping cough	...	2	...	...	...	1	...	...	...	...	1	
5 Diphtheria	...	6	...	3	...	...	...	1	...	1	1	
6 Influenza	...	15	5	2	...	2	...	1	3	...	2	
7 Encephalitis lethargica	...	3	...	2	...	...	...	1	...	...	...	
8 Cerebro spinal fever	...	...	...	...	...	...	...	...	...	...	...	
9 Tuberculosis of respiratory system	...	47	3	12	2	4	5	2	8	4	7	
10 Other tuberculous diseases	...	12	1	2	2	...	4	1	1	...	1	
11 Syphilis	...	8	...	...	1	...	...	4	...	1	2	
12 General paralysis of the insane	...	5	...	1	1	2	...	1	...	...	...	
13 Cancer, malignant disease	...	108	11	11	11	14	8	15	13	13	12	
14 Diabetes	...	11	1	1	...	...	...	2	6	1	...	
15 Cerebral hæmorrhage, &c.	...	64	6	6	6	9	8	8	7	8	6	
16 Heart disease	...	153	13	25	16	16	17	22	15	18	11	
17 Aneurysm	...	1	...	...	1	...	...	...	...	...	...	
18 Other circulatory diseases	...	26	1	5	3	1	2	5	5	3	1	
19 Bronchitis	...	45	1	7	6	7	5	3	8	6	2	
20 Pneumonia (all forms)	...	58	4	11	10	6	4	5	5	8	5	
21 Other respiratory diseases	...	3	...	1	1	...	...	...	1	...	...	
22 Peptic ulcer	...	4	...	1	...	2	...	...	...	...	1	
23 Diarrhoea, &c. (under 2 years)	...	5	1	...	3	...	...	...	1	...	...	
24 Appendicitis	...	10	...	4	1	1	...	3	...	...	1	
25 Cirrhosis of liver	...	1	...	...	...	1	...	...	...	...	...	
26 Other diseases of liver, &c.	...	...	...	...	...	...	...	...	...	...	...	
27 Other digestive diseases	...	...	...	...	...	...	...	...	...	...	...	
28 Acute and chronic nephritis	...	31	1	7	4	7	...	6	2	3	1	
29 Puerperal sepsis	...	...	...	...	...	...	...	...	...	...	...	
30 Other puerperal causes	...	6	...	3	...	1	...	1	...	...	1	
31 Congenital debility, premature birth, malformation, &c.	...	37	4	13	6	1	...	2	4	2	4	
32 Senility	...	45	2	1	7	8	2	8	7	5	5	
33 Suicide	...	4	...	2	1	...	...	...	...	1	...	
34 Other deaths from violence	...	18	2	6	...	3	...	...	4	1	2	
35 Other defined diseases	...	68	7	11	6	4	6	9	7	3	15	
36 Causes ill-defined or unknown	...	23	3	2	2	2	3	3	5	...	3	
TOTAL		840	69	141	97	91	65	106	103	81	84	
Sub-Entries (included in above figures).—												
20a Pneumonia (lobar)	...	24	...	6	2	2	3	5	3	2	1	
35a Rheumatic fever	...	1	...	...	...	...	...	1	...	...	...	
35a Erysipelas	...	2	...	...	...	1	...	...	1	...	...	

TABLE III.

**Infantile Mortality during the Year 1934.**

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

CAUSES OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 Weeks.	4 Weeks and under 3 Months.	3 Months and under 6 Months.	6 Months and under 9 Months.	9 Months and under 12 Months.	Total Deaths under 1 Year.
All Causes {	Certified ...	18	8	5	7	38	13	10	10	10	81
	Uncertified ...	2	...	...	...	2	...	1	1	...	4
{	Smallpox ...	...	...	...	...	...	...	...	...	...	...
	Chickenpox ...	...	...	...	...	...	...	...	...	...	...
	Measles ...	...	...	...	...	...	...	...	...	1	1
	Scarlet fever ...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough ...	...	...	...	...	...	...	...	...	1	1
Diphtheria and croup		...	...	...	...	...	...	...	...	...	...
Erysipelas ...		...	...	...	...	...	...	...	1	...	1
{	Tuberculous meningitis	...	...	...	...	...	...	...	...	...	...
	Abdominal tuberculosis	...	...	...	...	...	...	...	...	...	...
	Other tuberculous diseases	...	...	...	...	...	...	...	...	...	...
Meningitis (not tuberculous)		...	...	...	...	...	...	...	...	...	...
Convulsions		...	2	...	...	2	2	...	1	1	6
Laryngitis ...		...	1	...	...	1	...	...	...	...	1
Bronchitis ...		...	...	...	1	1	5	...	3	2	11
Pneumonia (all forms)		...	...	1	...	1	...	4	2	3	10
{	Diarrhoea ...	...	...	...	...	...	...	...	...	...	...
	Enteritis ...	...	...	...	...	...	...	1	1	2	4
Gastritis ...		...	...	...	...	...	...	...	...	...	...
Syphilis ...		...	...	...	2	2	1	2	...	...	5
Rickets ...		...	...	...	...	...	...	...	...	...	...
Suffocation, overlying		...	...	...	...	...	...	1	...	...	1
Injury at birth		...	2	2	...	4	...	...	...	...	4
Atelectasis ...		...	...	1	...	1	...	...	...	...	1
{	Congenital malformation	...	2	...	1	3	2	1	...	...	6
	Premature birth ...	...	11	2	3	18	1	...	1	...	20
	Atrophy, debility, and marasmus	...	2	2	...	4	1	...	...	...	5
Other causes		...	...	1	...	2	3	1	2	2	8
Influenza ...		...	...	...	...	...	...	...	...	...	...
Totals ...		20	8	5	7	40	13	11	11	10	85

Nett Births in the year :—Legitimate, 1,130; Illegitimate, 42.

Nett Deaths in the year, of { Legitimate infants, 78.  
Illegitimate do. 7.



TABLE IIIA.

# Infantile Mortality During the Year 1934.

Allocated to the Wards in which they occurred.

CAUSES OF DEATH.		Total Deaths under 1 Year.	WARDS.								
			Central.	Collingwood.	Dockwary.	Linskill.	Milbourn.	Percy.	Preston.	Rudyard.	Trinity.
			1	2	3	4	5	6	7	8	9
All Causes:—Certified	...	81	6	20	17	4	4	7	10	7	6
Uncertified	...	4	...	2	...	1	...	...	...	...	1
Smallpox	...	...	...	...	...	...	...	...	...	...	...
Chickenpox	...	...	...	...	...	...	...	...	...	...	...
Measles	...	1	...	...	...	...	...	...	...	1	...
Scarlet fever	...	...	...	...	...	...	...	...	...	...	...
Whooping cough	...	1	...	...	...	1	...	...	...	...	...
Diphtheria and croup	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	1	...	...	...	...	...	...	1	...	...
Tuberculous meningitis	...	...	...	...	...	...	...	...	...	...	...
Abdominal tuberculosis	...	...	...	...	...	...	...	...	...	...	...
Other tuberculous diseases	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not tuberculous)	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	6	...	3	...	...	1	...	...	...	2
Laryngitis	...	1	...	1	...	...	...	...	...	...	...
Bronchitis	...	11	1	2	3	...	1	1	2	1	...
Pneumonia (all forms)	...	10	...	1	3	2	...	...	1	2	1
Diarrhoea	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	4	1	...	2	...	...	...	1	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	5	...	...	1	...	...	3	...	1	...
Rickets	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	1	...	...	...	1	...	...	...	...	...
Injury at birth	...	4	...	2	1	...	...	...	...	...	1
Atelectasis	...	1	...	...	1	...	...	...	...	...	...
Congenital malformation	...	6	...	1	...	1	...	2	1	1	...
Premature birth	...	20	3	8	3	...	1	1	2	1	1
Atrophy, debility and marasmus	...	5	...	2	1	...	...	...	...	...	2
Other causes	...	8	1	2	2	...	1	...	2	...	...
Influenza	...	...	...	...	...	...	...	...	...	...	...
Total Deaths	...	85	6	22	17	5	4	7	10	7	7
Births	...	*1172	106	240	158	91	99	100	154	81	111
Infantile Mortality Rate	...	77	57	92	107	55	40	70	65	86	63

\* Includes 33 Inward transfers.

TABLE IV

**Registrar General's List of Causes of Death at different periods of life in the County Borough of Tynemouth during 1934.**

**MALES.**

CAUSES OF DEATH.			TOTAL All Ages	0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-
All Causes	...	...	468	49	9	14	15	12	19	23	45	89	108	85
1 Typhoid and Paratyphoid Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles	...	...	7	...	3	4	...	...	...	...	...	...	...	...
3 Scarlet fever	...	...	4	...	...	2	1	...	1	...	...	...	...	...
4 Whooping cough	...	...	2	1	...	1	...	...	...	...	...	...	...	...
5 Diphtheria	...	...	3	...	...	1	1	1	...	...	...	...	...	...
6 Influenza	...	...	6	...	...	...	...	1	1	1	2	...	1	...
7 Encephalitis lethargica	...	...	2	...	...	...	...	...	...	...	...	2	...	...
8 Cerebro spinal fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Tuberculosis of respira- tory system	...	...	28	...	...	...	1	5	6	5	1	8	2	...
10 Other tuberculous diseases	...	...	6	...	1	1	1	1	1	1	...	...	...	...
11 Syphilis	...	...	6	3	...	...	...	...	...	2	1	...	...	...
12 General Paralysis of the insane, tabes dorsalis...	...	...	5	...	...	...	...	...	...	1	2	2	...	...
13 Cancer, malignant disease	...	...	67	...	...	...	...	...	...	3	9	14	30	11
14 Diabetes	...	...	8	...	...	...	1	...	2	...	...	1	3	1
15 Cerebral hæmorrhage,	...	...	32	...	...	...	...	...	...	...	6	12	10	4
16 Heart disease	...	...	83	...	...	...	...	1	1	2	6	24	20	29
17 Aneurysm	...	...	1	...	...	...	...	...	...	...	...	...	...	1
18 Other circulatory diseases	...	...	14	...	...	...	...	...	...	...	1	2	4	7
19 Bronchitis	...	...	23	7	...	...	...	...	...	...	2	2	6	6
20 Pneumonia (all forms)	...	...	33	4	3	2	7	1	3	1	4	3	4	1
21 Other respiratory diseases	...	...	6	1	...	...	1	...	...	...	2	1	1	...
22 Peptic ulcer	...	...	2	...	...	...	...	...	...	1	...	1	...	...
23 Diarrhoea, etc.	...	...	5	4	1	...	...	...	...	...	...	...	...	...
24 Appendicitis	...	...	6	...	...	...	...	...	1	1	...	3	1	...
25 Cirrhosis of liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26 Other diseases of liver, etc.	...	...	1	...	...	...	...	...	...	...	...	...	1	...
27 Other digestive diseases...	...	...	5	...	...	1	...	1	...	1	...	1	...	1
28 Acute and chronic nephritis	...	...	16	...	...	...	...	...	1	...	2	5	4	4
29 Puerperal sepsis...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other puerperal causes...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31 Congenital debility, pre- mature birth, malform- ation, etc.	...	...	25	25	...	...	...	...	...	...	...	...	...	...
32 Senility	...	...	14	...	...	...	...	...	...	...	...	...	3	11
33 Suicide...	...	...	4	...	...	...	...	...	...	1	1	2	...	...
34 Other deaths from violence	...	...	11	...	...	1	1	1	1	2	2	...	2	1
35 Other defined diseases	...	...	35	4	1	1	1	...	...	...	4	5	12	7
36 Causes ill-defined or unknown	...	...	8	...	...	...	...	...	1	1	...	1	4	1

Deaths under one year of age:—Legitimate children, 44; Illegitimate children, 5.



TABLE IV<sub>A</sub>.

Registrar General's List of Causes of Death at different periods of life in the County Borough of Tynemouth during 1934.

## FEMALES.

CAUSES OF DEATH.		TOTAL All Ages	0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-
All Causes	...	377	37	7	14	23	12	16	21	42	57	74	74
1 Typhoid and Paratyphoid													
Fever	...	1	...	...	...	...	...	...	...	...	...	...	...
2 Measles	...	9	1	2	3	3	...	...	...	...	...	...	...
3 Scarlet fever	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping cough	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria	...	3	...	...	...	1	...	1	1	...	...	...	...
6 Influenza	...	7	...	...	...	1	1	...	1	...	1	3	...
7 Encephalitis lethargica	...	1	...	...	...	...	...	...	...	...	1	...	...
8 Cerebro spinal fever	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Tuberculosis of respira- tory system	...	19	...	...	1	1	7	4	4	1	1	...	...
10 Other tuberculous diseases	...	8	...	1	2	4	1	...	...	...	...	...	...
11 Syphilis	...	3	2	...	...	...	...	...	...	...	1	...	...
12 General paralysis of the insane, tabes dorsalis	...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, malignant disease	...	43	...	...	...	...	...	1	1	12	13	14	2
14 Diabetes	...	8	...	...	...	...	...	...	1	...	2	5	...
15 Cerebral hæmorrhage, &c.	...	19	...	...	...	...	...	...	...	4	7	9	9
16 Heart disease	...	63	...	...	...	2	...	3	1	8	9	19	21
17 Aneurysm	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Other circulatory diseases	...	11	...	...	...	...	...	...	...	2	1	3	5
19 Bronchitis	...	25	4	...	2	...	...	...	...	...	1	7	11
20 Pneumonia (all forms)	...	22	5	4	3	1	...	1	2	1	1	2	2
21 Other respiratory diseases	...	2	1	...	...	...	...	...	...	...	...	1	...
22 Peptic ulcer	...	2	...	...	...	...	...	...	...	...	2	...	...
23 Diarrhoea, etc.	...	5	1	...	1	1	1	...	...	...	...	1	...
24 Appendicitis	...	3	...	...	1	1	...	...	...	1	...	...	...
25 Cirrhosis of liver	...	1	...	...	...	...	...	...	...	...	1	...	...
26 Other diseases of liver, etc.	...	4	...	...	...	...	...	...	...	...	2	1	1
27 Other digestive diseases	...	6	...	...	...	...	...	...	1	1	3	1	...
28 Acute and chronic nephritis	...	10	...	...	...	...	...	1	1	...	2	2	4
29 Puerperal sepsis...	...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other puerperal causes	...	5	...	...	...	...	1	2	2	...	...	...	...
31 Congenital debility, pre- mature birth, malform- ation, etc.	...	14	14	...	...	...	...	...	...	...	...	...	...
32 Senility	...	20	...	...	...	...	...	...	...	...	...	4	16
33 Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...
34 Other deaths from violence	...	7	2	...	...	1	...	1	1	1	1	...	...
35 Other defined diseases	...	44	7	...	1	7	...	2	4	11	8	2	2
36 Causes ill-defined or unknown	...	2	...	...	...	...	...	...	1	...	...	...	1

Deaths under one year of age :—Legitimate children, 35; Illegitimate children, 2.

TABLE V.

**PRESTON HOSPITAL.**

**Statistics relating to the Period from the 1st January to the  
31st December, 1934.**

**IN-PATIENTS.**

**From Tynemouth County Borough and Northumberland County  
Council.**

	County Borough.	County Council.
1. Total Number of Admissions ... ..	1131	674
2. Number of women confined in hospital ... ..	40	35
3. Number of live births ... ..	37	33
4. Number of still births ... ..	3	2
5. Number of deaths among newly-born (i.e., under four weeks of age) ... ..	3	1
6. Total number of deaths among children under one year ... ..	26	3
7. Number of Maternal deaths ... ..	—	—
8. Total number of deaths ... ..	224	189
9. Number of patients discharged ... ..	934	493
10. Average duration of stay of patients included in 8 and 9 above :—		
(a) Four weeks or less ... ..	570	316
(b) Exceeding four weeks but under thirteen weeks ... ..	408	233
(c) Exceeding thirteen weeks ... ..	180	133
11. Number of beds occupied :—		
(a) average during the period ... ..	377	
(b) highest 409 on 24/1/34		
(c) lowest 340 on 14/9/34		
12. Number of surgical operations under general anaesthetic (excluding dental operations) ... ..	17	16
13. Number of abdominal sections ... ..	3	7



TABLE V.  
PRESTON HOSPITAL.  
Table showing the classification of the accommodation for SICK, MATERNITY, and MENTAL CASES, and the Number of Beds occupied on the 31st December, 1934.

Classification of Wards.		Number of Wards.	BEDS.									
			MEN.		WOMEN.		CHILDREN (under 16 years of age).			Total.		
(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)		
1 Medical	...	10	84	B. 28 C. 18	81	B. 24 C. 15	70	B. 47 C. 9	235	B. 99 C. 42		
2 Surgical	...		58	16 14	4 5	4 1	...	...	...	24 20		
3 Chronic sick	...	3	...	8 20	28	14 28	...	...	86	22 48		
4 Children (included in 1-2)	...	...	...	...	...	...	...	...	...	...		
5 Venereal	...	2	6	1 1	4	1 2	...	...	10	2 3		
6 Tuberculosis	...	6	40	19 9	26	6 13	25	22 12	91	47 34		
7 Isolation	...	...	...	...	...	...	...	...	...	...		
8 Maternity	...	1	...	...	12	2 4	...	...	12	2 4		
9 Mental —	...	...	...	...	...	...	...	...	...	...		
(a) Lunacy Act, 1890.	...	2	2	...	2	...	...	...	4	...		
(i) Short stay	...	...	...	...	...	...	...	...	...	...		
(ii) Long stay	...	...	...	...	...	...	...	...	...	...		
(b) Mental Treatment Act, 1930	...	...	...	...	...	...	...	...	...	...		
(i) Voluntary	...	...	...	...	...	...	...	...	...	...		
(ii) Temporary	...	...	...	...	...	...	...	...	...	...		
10 Mental defectives	...	...	...	1	...	1 1	...	1 2	...	2 4		
11 Other...	...	...	...	...	...	...	...	...	...	...		
TOTAL	...	24	190	72 63	153	52 68	95	74 24	438	198 155		

B.—County Borough of Tynemouth.  
C.—County Council of Northumberland.

TABLE VB.

**PRESTON HOSPITAL.**

**Classification of In-Patients from Tynemouth County Borough and Northumberland County Council, who were discharged from, or who died, in the Institution during the Period 1st January to 31st December, 1934.**

Disease Groups.	Children under 16 years of age).		Men and Women.	
	C.B.	C.C.	C.B.	C.C.
A. Acute infectious disease ...	22	6	6	4
B. Influenza ...	2	...	5	1
C. Tuberculosis—Pulmonary ...	12	9	40	50
Non-pulmonary ...	15	5	5	7
D. Malignant disease ...	...	...	48	28
E. Rheumatism—				
(1) Acute rheumatism (rheumatic fever) together with sub-acute rheumatism and chorea. ...	6	4	12	2
(2) Non-articular manifestations of so-called "Rheumatism" (muscular rheumatism, fibrositis, lumbago and sciatica) ...	...	1	9	8
(3) Chronic arthritis ...	...	...	4	5
F. Venereal disease ...	9	3	29	10
G. Puerperal pyrexia ...	...	...	...	...
H. Puerperal fever ...	...	...	...	2
I. Other diseases and accidents connected with child bearing ...	...	...	3	...
J. Mental diseases ...	2	3	78	68
K. Senile decay ...	...	...	16	19
L. Violence ...	7	2	30	15
<i>In respect of cases not included above—</i>				
M. Disease of the Nervous System and Sense Organs ...	13	6	85	78
N. Disease of the Respiratory System ...	60	17	80	34
O. Circulatory System ...	6	4	89	85
P. Digestive System ...	29	6	56	41
Q. Genito-urinary System ...	12	1	46	35
R. Skin ...	74	10	35	10
S. Other diseases ...	53	9	63	33
T. { Mothers ...	1	1	54	32
{ Infants ...	34	28	...	...
U. Others ...	7	...	1	...
Totals ...	364	115	794	567

TABLE Vc.

**Number of Beds available for the Treatment of Tuberculosis, on the 31st December, 1934, in Poor Law Institutions belonging to the Council.**

Name of Institution.	For Pulmonary and Non-Pulmonary Cases.		Total.
	Adults.	Children under 15.	
Preston Hospital ...	66	25	91



TABLE VD.

**Tuberculosis.**

Return showing the Extent of Residential Treatment provided during the year in Preston Hospital for persons chargeable to the Tynemouth Council and to Northumberland County Council.

		In Institutions on January 1st 1934		Admitted during the year.		Discharged during the year.		Died in the Institution.		In Institutions on December 31st, 1934.	
		Boro.	County	Boro.	County	Boro.	County	Boro.	County	Boro.	County
Number of patients suffering from pulmonary tuberculosis admitted for treatment.	Adult Males	9	6	22	16	9	5	9	11	13	6
	Adult Females	8	12	20	32	18	25	4	9	6	10
	Children	5	4	15	12	8	6	4	3	8	7
	Total	22	22	57	60	35	36	17	23	27	23
Number of patients suffering from non-pulmonary tuberculosis admitted for treatment.	Adult Males	6	5	4	2	3	4	1	-	6	3
	Adult Females	1	3	-	3	1	1	-	2	-	3
	Children	12	7	17	3	11	4	4	1	14	5
	Total	19	15	21	8	15	9	5	3	20	11
TOTALS		41	37	78	68	50	45	22	26	47	34
GRAND TOTALS		78		146		95		48		81	

TABLE VI.  
Cases of Infectious Disease notified during the Year 1934.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							TOTAL CASES NOTIFIED IN EACH WARD.										TOTAL CASES REMOVED TO HOSPITAL UNDER PUBLIC HEALTH AND SPECIAL ACTS.		HOSPITALS & SANATORIA where cases were treated							
	At Ages—Years.							Central.	Collingwood.	Dockwray.	Linskill.	Milbourn.	Percy.	Preston.	Rudyard.	Trinity.	Moort Park Hospital (68 Beds)	Balkwell Hospital (20 Beds)	Preston Hospital (Poor Law)	Jubilee Infirmary (6 Beds)	Stanhope Sanatorium (6 Beds)	Barrasford Sanatorium. (2 Beds)	Stannington Sanat. (6 Beds)	Wolsingham Sanat. (2 Beds)			
	Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards.																				
Acute Poliomyelitis	...	...	...	2	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...		
Enteric fever	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Puerperal fever	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Ophthalmia neonatorum	26	...	...	...	...	...	...	5	4	4	2	1	4	3	...	...	...	...	...	...	...	...	...	...	...		
Scarlet fever	398	2	86	16	14	1	...	29	80	84	48	18	40	58	17	24	295	...	...	...	...	...	...	...	...		
Diphtheria	58	13	35	4	6	...	...	5	18	3	3	2	5	5	6	13	47	...	...	...	...	...	...	...	...		
Erysipelas	44	2	5	8	12	9	6	4	9	7	7	2	5	2	3	...	...	...	...	...	...	...	...	...	...		
Pneumonia	74	2	10	16	16	11	7	9	16	9	11	4	8	9	2	6	5	...	...	...	...	...	...	...	...		
Influenzal pneumonia	10	1	2	2	3	...	2	2	1	2	...	1	...	2	1	...	1	...	...	...	...	...	...	...	...		
Cerebro spinal fever	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
Puerperal pyrexia	12	...	...	9	3	...	...	1	2	1	1	1	1	4	1	...	...	...	...	...	...	...	...	...	...		
Pulmonary tuberculosis	91	...	2	24	32	18	2	11	17	9	13	10	7	10	5	9	106	...	...	...	...	...	...	...	...		
Non-Pulmonary tuberculosis...	41	...	12	5	3	...	...	3	13	3	3	6	3	3	1	6	17	...	...	...	...	...	...	...	...		
Totals	764	32	126	373	84	93	39	65	163	122	92	47	69	100	39	67	490	379	...	82	5	11	3	7	3		



TABLE VIA.  
**NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR, 1934.**  
 (Table in accordance with Ministry of Health instructions).

DISEASE	TOTAL CASES NOTIFIED											Cases Admitted to Inf. Diseases Hospital.	Total Deaths.
	under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65 & over		
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	2	7	23	31	25	190	89	10	18	2	1	398	6
Diphtheria ...	...	3	3	3	4	21	14	3	5	2	...	58	6
Enteric Fever ...	...	...	...	...	...	...	1	2	...	1	...	4	† 1
Puerperal Fever ...	...	...	...	...	...	...	...	...	2	1	...	3	...
Puerperal Pyrexia ...	...	...	...	...	...	...	...	3	8	1	...	12	...
Pneumonia ...	2	5	1	...	4	12	4	6	14	8	11	74	58
Influenzal Pneumonia ...	...	...	1	...	...	1	1	...	4	1	...	10	15
Other Diseases Generally Notifiable—													
Ophthalmia Neonatorum ...	26	...	...	...	...	...	...	...	...	...	...	26	...
Erysipelas ...	2	1	...	...	1	1	4	3	9	8	6	44	2
Cerebro Spinal Fever ...	...	...	...	...	...	1	...	...	...	...	...	1	...
Acute Poliomyelitis ...	...	...	...	...	...	...	...	1	...	...	...	2	...
Totals ..	32	16	28	34	34	226	113	28	61	24	21	632	88

\* Admitted to other than Infectious Diseases Hospital.

† Inward transfer

**LIST OF VOLUNTARY ORGANISATIONS  
in the County Borough of Tynemouth.**

Tynemouth Council of Social Service, Y.M.C.A., Bedford Street, North Shields.

Tynemouth Victoria Jubilee Infirmary, Hawkey's Lane, North Shields.

North Shields and Tynemouth Dispensary, Church Street, North Shields.

Borough of Tynemouth County Nursing Association.

Borough of Tynemouth Ladies' Benevolent Dorcas and Nursing Society, 1, Upper Norfolk Street, North Shields.

Tynemouth Blind Welfare Society, Howard Street, North Shields.

Maternity and Child Welfare, V.E.M. Committee Health Department, North Shields.

Mothers and Babies Guild, Health Department, North Shields.

Rescue and Preventive Association, 78, Tyne Street, North Shields.

Police Court Mission, North Shields.

Borough of Tynemouth Indigent Sick Society.

Borough of Tynemouth Invalids' Kitchen, East Stephenson Street, North Shields.

The Convalescent Society for Northumberland and Durham, Prudhoe Convalescent Home, Whitley Bay.

Borough of Tynemouth Holiday Agency—Leslie Home Seaton Sluice.

St. Oswald's Home for Girls, Cullercoats.

St. Aidan's Home for Boys, Tynemouth.

Invalid Children's Aid Association, County Borough of Tynemouth.

National Society for the Prevention of Cruelty to Children, 7, Belle Vue Terrace, North Shields.

Borough of Tynemouth Poor Children's Boot and Shoe Fund.

United Services Club, 10, Lovaine Place, North Shields.

Y.M.C.A., Bedford Street, North Shields.

Toc. H., North Shields Group, Fishermen's Institute, Fish Quay, North Shields.



- Juvenile Organisations Council, 6, Church Street, North Shields.  
British Legion, 6, Stephenson Street, North Shields.  
St. John Ambulance Brigade, Preston Road, North Shields.  
North Shields Town Mission, Rudyerd Street, North Shields.  
North Shields Adult School, 14, Stephenson Street, North Shields.  
Royal Society for the Prevention of Cruelty to Animals, 14, Denham Street, Jesmond, Newcastle-upon-Tyne.  
Tyne Mariners Benevolent Institution, 78, Howard Street, North Shields.  
Royal National Mission to Deep Sea Fishermen, Union Quay, North Shields.  
Mayoress' Committee, Town Hall, North Shields.  
Shipwrecked Fishermen and Mariners' Royal Benevolent Society, 78, Howard Street, North Shields.  
Tynemouth Volunteer Life Brigade, Brigade House, Tynemouth.  
Tynemouth Infirmary Gentlemen's Sports Committee.  
Tynemouth Infirmary Ladies' Sports Committee.  
Tuberculosis After-Care Committee, Town Hall, North Shields.  
North Shields Rotary Club.

## Meteorology

### SUMMARY OF RECORDS OF TEMPERATURE, RAINFALL, AND OF WEATHER OBSERVATIONS, YEAR 1934.

TYNEMOUTH.—(Extracted from the Summary of the Meteorological Office.)

Temperature.	Air Temp. in Degrees Fahrenheit.		Absolute Maximum & Minimum with dates. Day temp.		
	Means of Maximum	Means of Maximum A. & B.			
	A. 53.8°F.	B. 45.5°F.	49.4°F.		
Rainfall.	Total Fall in Inches.		Most in a day, 30/10/34.		
	28.79		39 m.m.		
Weather.	Number of Days.				
	Precipitation.	Snow.	Snow Lying.	Hail.	Thunderstorms.
	183	8	0	7	6



