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April



County Borough of Tynemouth.

Annual Report of M.O.H.

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quickly as possible.*

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Dr. Hutchinson)

(2) Dr. ~~Onepart~~

(3) Dr. Hamill.

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FIFTY-EIGHTH

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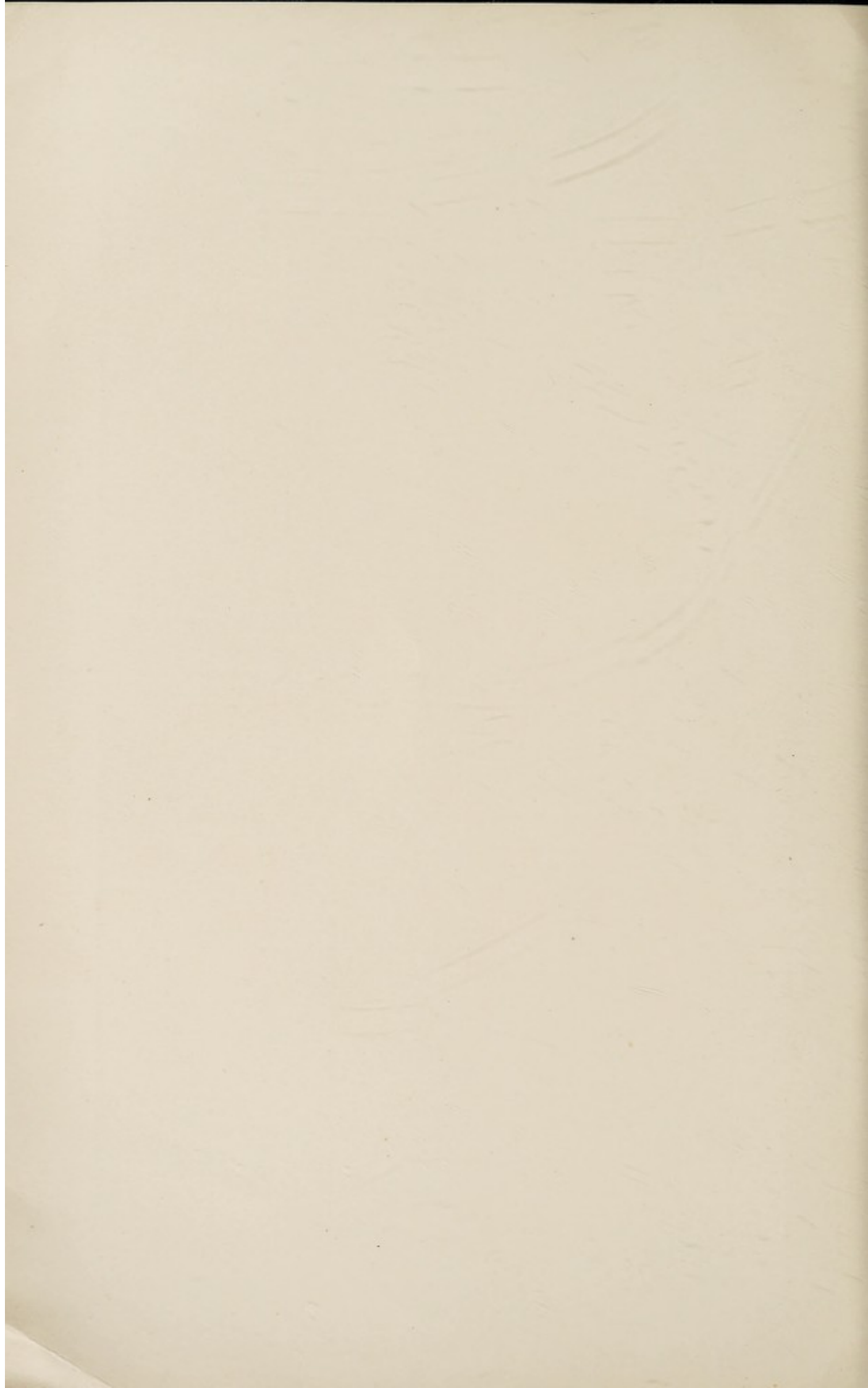
of the

Officer of Health.

1938.

North Shields,

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





County Borough of Tynemouth.

FIFTY-EIGHTH

ANNUAL REPORT

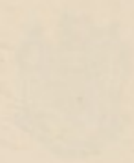
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County Borough of Exeter

FORTY-NINTH

ANNUAL REPORT

Medical Officer of Health

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PUBLIC HEALTH DEPARTMENT,
TYNEMOUTH,

July, 1939.

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

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have the honour to submit the Fifty-Eighth Annual Report of the Medical Officer of Health, upon the Health and Sanitary conditions of this Borough, for the year 1938, drawn up in accordance with the requirements of the Minister of Health.

Health Services.

During the period under review, several meetings have been held by representatives of the various bodies interested, in order to formulate a scheme for the amalgamation of the general hospital facilities at present existing in the Borough. The parties involved in these discussions were, the County Borough of Tynemouth Corporation; the Northumberland County Council; and the Board of Governors of the Tynemouth Victoria Jubilee Infirmary. This matter is still under consideration.

An attempt has also been made towards the ultimate fusion of the various Clinical Services provided by the individual Committees of the Council. It is hoped, in this connection, that it shall be possible in the near future, to erect a new Joint Clinical Centre.

It has not been possible up to the present, to introduce a scheme for the immunisation of school and pre-school children against Diphtheria, owing to the additional duties which have been placed upon the Department in connection with the administration of that part of the Air Raid Precautions Scheme with which it is concerned.

Notifications relating to Infectious Diseases received during the year were in excess of the number recorded for the year 1937. The increase was in large measure accounted for by the greater prevalence of cases of Diphtheria and Scarlet Fever. In spite of the increased numbers in these groups, the Mortality Rates were not materially affected.

Housing.

Considerable progress has been made under the Slum Clearance Programme adopted by the Council, the total number of Areas represented up to the end of 1938 being 61, which together with 107 Individual Houses represented, comprises a total of 2,591 tenants (9,514 persons) dealt with under the Housing Acts 1930-36.

During the year an additional 360 houses have been erected by the Council, which together with 135 flats erected by the Sir James Knott Memorial Trust brings the total of houses erected under the Housing Acts 1930-36 for the displacement of tenants from the declared Slum Areas to 1,914. The alleviation of Overcrowding has been well maintained as in the past, by the operation of the exchange system.

A further estate of 214 houses, which includes the provision of 14 "Aged Persons Homes" (One Bedroomed Type) is in course of construction at the Ridges Estate, and good progress is being made. Completion is expected at an early date.

It is with pleasure that I express my gratitude to all members of my staff for the efficiency and helpful co-operation they have shown in the carrying out of the multifarious duties imposed upon the modern Health Department. I also desire to tender my thanks to the Chairman and Members of the Health Committee for their valuable co-operation, and the keen interest which they have taken in the administration of the Department.

I have the honour to remain,

Your obedient Servant,

R. H. DAWSON,

Medical Officer of Health.

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County Borough of Tynemouth PUBLIC HEALTH COMMITTEE.

Chairman—COUN. G. C. BARBER.

Deputy Chairman—COUNCILLOR W. LITTLE (Resigned June 1938).

COUN. W. R. FORSTER, (App. June 1938).

THE MAYOR—COUNCILLOR ROBERT ERNEST JACKSON, J.P.

ALDERMAN	HARRISON, J.P.	COUNCILLOR	HAILS.
"	MIDDLEMISS, J.P.		(App. June 1938).
"	J. W. G. SPENCE.	"	HUNTER.
COUNCILLOR	BARBER.	"	LITTLE.
"	Mrs. BARBER.		(Resigned June 1938).
"	BOWER.	"	MURRAY.
"	Mrs. BRODIE.	"	PARK.
"	BURNETT.	"	THEWLES
"	CHAMBERS.		
"	FORSTER.		
"	Mrs. FRATER, J.P.		

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.

R. H. DAWSON, M.B., Ch.B., D.P.H. (Edinburgh).

Assistant Medical Officer of Health and Assistant Tuberculosis Officer.

A. B. STEWART, M.D., (St. And), D.P.H.

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

C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection.

Sanitary Inspectors.

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

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

F. G. V. RUMSEY, Cert. S.I.B.,

S. HOLLIDAY, Cert. S.I.B. (Temporary), Resigned June 1938.

J. H. RILEY, Cert. S.I.B. (Temporary) Commenced 27/7/38.

Disinfectors.

HENRY HODGSON.

Tuberculosis Nurses.

Miss HESLOP§+*†. (Resigned June 1938).
Miss IRVING+§*.

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

Misses SHAW§†, FRAZER§+†*,
MARSHALL§†*† and PERCY§+†*.
(Resigned June 1938)

Mrs. Tindle†§*, (App. June 1938). Parker†§. (App. June 1938).

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

*State Registered Nurse.

Clerical Staff.

A. R. FORSYTH, Chief Clerk;
 Clerks W. R. MILLER, G. G. ELLIS, B. O. BLAGBURN,
 E. McNEIL, Junior Clerk, Miss M. GOTT, Typist.
 A. LOGAN, Messenger,

**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, and Municipal
 Ante-Natal Clinic, Health Department, Preston Road, North Shields.**

MARY E. MINIHAN, M.B., Ch.B. (Resigned Dec. 1938).

MARGARET B. STEEL, M.B., Ch.B., D.P.H. (App. Dec. 1938).

Municipal Midwives.

M. BAIRD, § (Resigned Sept. 1938).	M. H. KANE, §
D. BRAND, *§	M. L. LUKE, §
M. CARRUTHERS§ (App Sept. 1938).	E. MOONEY, §
E. FANTHORPE, §	G. SMILES, §
M. HALL, *§	

*S.R.N. §S.C.M.

Matron, Frater Maternity Home.

MISS C. CORNEY, S.R.N., S.C.M. (Part-Time).

Consultants.

PRO. 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).

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

J. McCONNELL, M.B., M.R.C.S., D.P.H.

Assistant School Medical Officer—W. WALKER, M.C., M.D. (Part-time).

School Dentist.

R. C. STANGER, L.D.S. (Resigned 30/4/38).

R. W. ESSENHIGH, L.D.S. (Commenced 1/9/38).

School Nurses.

Misses KYLES, MARCH*§†, MYERS*§†.

*S.R.N. §C.S.M. †Trained Nurse.

PUBLIC ASSISTANCE DEPARTMENT,

(MEDICAL STAFF).

Medical Officer—Preston Hospital.

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

Assistant Medical Officers—Preston Hospital.

F. S. M. FRASER, M.B., Ch.B.

M. L. OSBOURNE, M.B., B.S., (Resigned 31/3/38).

J. F. BURDON, M.B., B.S., (Appointed 11/7/38).

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.S. (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.

E. ALLEN, S.R.N., S.C.M.

FOOD AND DRUGS.

Public Analysts.

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

DR. R. H. DAWSON (M.O.H.).

Infant Life Protection Visitor.

MISS M. CRAMMAN.

Statistics and Social Conditions of the Area.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) 4,604. (Exclusive of 80 acres covered by inland water).

Population (Census 1931) 64,922; and estimated, 1938, 66,510.

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

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

Number of families or separate occupiers: 18,342.

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

Rateable value: £391,702.

Sum represented by a penny rate: £1,486.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Number of Marriages during 1938: 604.

Live Births—1,104.

	Total	M.	F.		
Legitimate ...	1059	582	477	Birth Rate ...	16.6
Illegitimate ...	45	19	26		
Stillbirth—40 (R.G.)	Total	M.	F.	{ Rate per 1,000 live births ... 36.23	
Legitimate ...	35	23	12		
Illegitimate ...	5	4	1		
Deaths ...	797	431	366	Death rate ...	11.98
Percentage of deaths in Public Institutions					43.8
Natural Increase in population (excess of births over deaths)					307
Number of women dying in, or in consequence of pregnancy or childbirth—					
From Sepsis ...	...	...	...	...	1
From other causes	...	...	...	...	4
Death rate of Infants under one year per 1,000 live births					61
Legitimate: 62; Illegitimate: 44.					

Deaths from Cancer (all ages)	91
Deaths from Measles (all ages)	5
Deaths from Whooping Cough (all ages)	4
Deaths from Diarrhoea (under 2 years)	7
Amount expended in out-relief, 1938: £39,769 15s. 8d.	
Average Daily Number in the Poor Law Institution (excluding Hospital) (Tynemouth only)	130.8
Average Daily Number in Children's Homes (Tynemouth only)	50

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 1938 population, as estimated by the Registrar General, was 66,510.

The disproportion in the population caused through the transference of tenants under the Slum Clearance Programme necessitated the alteration of the Ward Boundaries, which were revised during 1938.

The estimated populations and density figures for the newly constituted wards, are based upon the number of separate occupiers, and are as follows:—

DISTRIBUTION AND DENSITY OF POPULATION, 1938.

WARD.	Population estimated to 30th June, 1938.	Area in Acres.	Persons to the Acre.
Chirton	8452	230.0	36.7
Collingwood	5308	1518.6	3.5
Cullercoats	5780	536.2	10.8
Dockwray	9290	158.9	58.4
Linskill	8500	139.5	60.8
Percy	6832	869.3	7.9
Preston	6861	403.8	17.0
Trinity	9105	133.1	68.4
Tynemouth	6382	614.6	10.4
County Borough of Tynemouth	66510	*4604	14.4

*Exclusive of 80 acres in Collingwood Ward, which is covered by water.
(Docks etc.)

The average number of persons to the acre at the census (1931) was 14.9.

BIRTHS.

The nett total births assignable to Tynemouth were 1,104 giving an annual birth rate of 16.6 per 1,000 of the population and shows a decrease on that of last year.

The birth rate for England and Wales for 1938 was 15.1 per 1,000 of the population.

The transferable births were:—					M.	F.
Live Births.	Total	...	...	...	601	503
	Legitimate	...	...	...	582	477
	Illegitimate	...	...	...	19	26
Still Births.	Total	...	...	...	27	13
	Legitimate	...	...	...	23	12
	Illegitimate	...	...	...	4	1

BIRTHS AND BIRTH RATES IN WARDS.

WARD.	TOTAL BIRTHS.	Birth rate per 1,000 of Population	No. of illegitimate births.	Percentage of illegitimate births to total births.
Chirton	143	16.9	3	2.09
Collingwood	72	13.4	1	1.38
Cullercoats	46	8.0	1	2.17
Dockwray	199	21.4	12	6.03
Linskill	133	15.6	7	5.26
Percy	150	21.9	3	2.00
Preston	61	8.8	6	9.83
Trinity	170	18.6	3	1.77
Tynemouth	38	6.0	3	7.89
Inward Transfers ...	92	—	6	—
County Borough of Tynemouth ..	1104	16.6	45	4.07
Mean of Ten Years—1928—1937 ...	1205	18.25	48.5	4.02

DEATHS.

The total number of deaths recorded in the Borough was 1,054, but 307 of these were non-resident. 50 deaths of residents also occurred outside the Borough. The **nett deaths** were, therefore 797, which is equal to a **death rate** of 11.98 per 1,000 of the population. The rates for England and Wales, and the Great Towns were 11.6 and 11.7 respectively.

The number of deaths of persons belonging to Tynemouth which occurred in Public Institutions during the year, was:—

Tynemouth Poor Law Institution, 241; Tynemouth Victoria Jubilee Infirmary, 54; Moor Park Isolation Hospital, 18; Royal Victoria Infirmary, Newcastle, 10; other Institutions outside the Borough (including 13 deaths in Morpeth Asylum) 26. This makes a total of 349, which is 43.8 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.
Chirton	88	10.4
Collingwood	51	9.6
Cullercoats	52	9.0
Dockwray	130	14.0
Linskill	118	13.9
Percy	85	12.4
Preston	83	12.1
Trinity	124	13.6
Tynemouth	66	10.3
County Borough of Tynemouth	797	11.98
Mean of 10 years—1928—1937	821	12.42

The Area Comparability Factor for adjusting the local death rates of 1931 and subsequent years was 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 factor for 1938 is 1.11.

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

Period	1934	1935	1936	1937	1938	Death rate per 1,000 during 1938.
First Quarter ...	238	230	224	264	228	13.71
Second Quarter ...	228	229	178	222	207	12.45
Third Quarter ...	187	184	150	156	163	9.80
Fourth Quarter ...	187	181	221	216	199	11.96

PRINCIPAL CERTIFIABLE CAUSES OF DEATH.

TABLE TO SHOW PRINCIPLE CERTIFIABLE CAUSES OF DEATH IN THE AREA DURING THE YEAR 1938.

	No. of Deaths.	Proportion of Deaths per 1,000 Deaths from all causes.
Disease of Circulatory System—		
Disease of the heart ...	152	190.7
Cerebral Haemorrhage, etc.	48	60.2
Other Circulatory Diseases	71	89.1
Respiratory Diseases—		
Pneumonia ...	49	61.5
Influenzal Pneumonia ...	10	12.6
Bronchitis ...	31	38.9
Other Respiratory Diseases	2	2.5
Tuberculosis—		
Tuberculosis (all forms) ...	71	89.1
Cancer and Malignant Diseases—		
Cancer and Malignant diseases	91	114.2
Deaths from all causes ...	797	

INFANTILE MORTALITY.

There were 67 deaths of children under one year of age, which gives an Infantile Mortality Rate of 61 to every 1,000 live births.

The infantile mortality rates for England and Wales, and for the Great Towns were 53 and 57 respectively.

During 1938 there were 7 deaths from Measles and Respiratory diseases among infants; in 1937 there were 24, and in 1936, 20.

CHILD MORTALITY.

There were 27 deaths of children between the ages of 1 to 5 years. The principal causes of death were as follows:—

Pneumonia (4), Measles (4), Diphtheria (1), Bronchitis (3), Whooping Cough (2), and Non Pulmonary T.B. (4).

NEO-NATAL MORTALITY.

The neo-natal mortality, i.e., the death rate under **1 month** of age per 1,000 births, was 37.1 compared with 19.3 in 1937, 24.7 in 1936; 31.6 in 1935; 34.0 in 1934.

MARRIAGES.

I am indebted to the Superintendent Registrar, (Mr. George Brown) for the following particulars:—

The number of marriages which took place within the County Borough of Tynemouth, during the year ended 31st December, 1938, was 604, made up as follows:—

Church of England	...	...	...	...	356
Roman Catholic Church			...	...	44
Registry Office	...	...	...	...	142
Non-Conformist	...	...	...	...	62
					604

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 the 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.

	1934	1935	1936	1937	1938
Number of person receiving out-relief	2,450	2,500	2,472	2,830	2,201
Average weekly number of persons receiving in-door relief	397	401	382	324	228
Total number of persons receiving in-door relief ...	1,585	1,601	1,604	1,618	1,675

The amount expended out-door relief in the County Borough of Tynemouth, during 1938 was £39,769 15s. 8d.

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

	1934	1935	1936	1937	1938
Total Live Register ...	5,811	6,126	5,663	4,628	4,014
Temporary Stoppage Claims included in Total ...	1,203	176	190	345	136

Average Monthly Figures of Unemployed Juveniles between the ages of 14—18 years, during the years commencing August, 1933 to July, 1938, inclusive.

1933—1934	1934—1935	1935—1936	1936—1937	1937—1938
378	550	512	349	277

General Provision of Health Services.

MEDICAL PRACTITIONERS.

There are 24 doctors resident in the County Borough of Tynemouth who are engaged in private practice.

NATIONAL HEALTH INSURANCE.

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

Average number of insured persons in the County Borough of Tynemouth during the year 1938 ...	26,483
Total number of prescriptions dispensed from December 1st, 1937, to November 30th, 1938	111,232
Average cost per prescription	8.7 pence
Average cost per insured person	38.6 pence

PUBLIC MEDICAL SERVICE.

A contributory scheme is in operation in the Borough for the provision of medical services for uninsured persons under the National Health Insurance Scheme. The total number of subscribers is 3792 persons, living in 1790 families.

NURSING IN THE HOME.

Full particulars of this Service which remains unaltered were included in my Report for 1930. During the year 1938, 628 visits were made by the nurses engaged in this work.

MIDWIVES.

There were 22 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. Kane, Mary H. ...	11, Hylton Terrace, North Shields ...	59933
2. Hall, Margaret ...	17, Chirton Avenue, North Shields ...	57867
3. Hyslop, Mary ...	Frater Maternity Home, North Shields ...	69598
4. Smiles, Georgina ...	30, Burdon Street, Percy Main ...	67998
5. Robertson, Ivy M. ...	Maternity Hospital, Willington Quay ...	42233
6. Fanthorpe, Ethel ...	2, Wallsend Road, North Shields ...	45664
7. Luke, May L. ...	47, Links Road, Cullercoats. ...	66397
8. Mooney, Emily ...	8, Hylton Street, North Shields ...	79036
9. McLeod, Ethel, ...	Training Centre, Willington Quay ...	78385
10. Corney, Catherine ...	Tynemouth Victoria Jubilee Infirmary, North Shields ...	52258
11. Irving, Elizabeth ...	Frater Maternity Home, North Shields ...	61903
12. Baird, Margaret ...	9, Frater Terrace, East Howdon ...	70363
13. Troup, Gladys E. ...	Tynemouth Victoria Jubilee Infirmary, North Shields ...	81975
14. Lambert, E. ...	Nurses Home, Shiremoor ...	36651
15. Brand, Dorothy ...	6, Delaval Avenue ...	85797
16. Smith, Mary E. ...	28, Park Crescent ...	60107
17. Carr, Eleanor ...	2, Alnwick Ave., Whitley Bay ...	45975
18. Carruthers, Marjorie ...	1, Brislee Ave., Tynemouth ...	78747
19. Elliott, Rose A. ...	104, Tynemouth Rd., Howdon-on-Tyne ...	49601
20. Gallant Lillian A. ...	9, Balmoral Gardens, North Shields ...	93013
21. Lally, Margaret E. ...	25, Windsor Gardens, North Shields ...	67659
22. Lawson, Mary E. ...	97, The Avenue, Wallsend ...	56938

SUPERVISION OF MIDWIVES.

The supervision is carried out by the Maternity and Child Welfare Medical Officer. During the year 36 visits were paid by midwives to the Maternity and Child Welfare Centre for inspection of their bags and records, etc.

POOR LAW MEDICAL OUT-RELIEF.

Districts.	Total Number of persons receiving Relief during 1938.					
Tynemouth	...	...	...	...	...	617
North Shields	...	...	...	...	...	201
Total	...	...	...	...	...	818

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

LABORATORY FACILITIES.

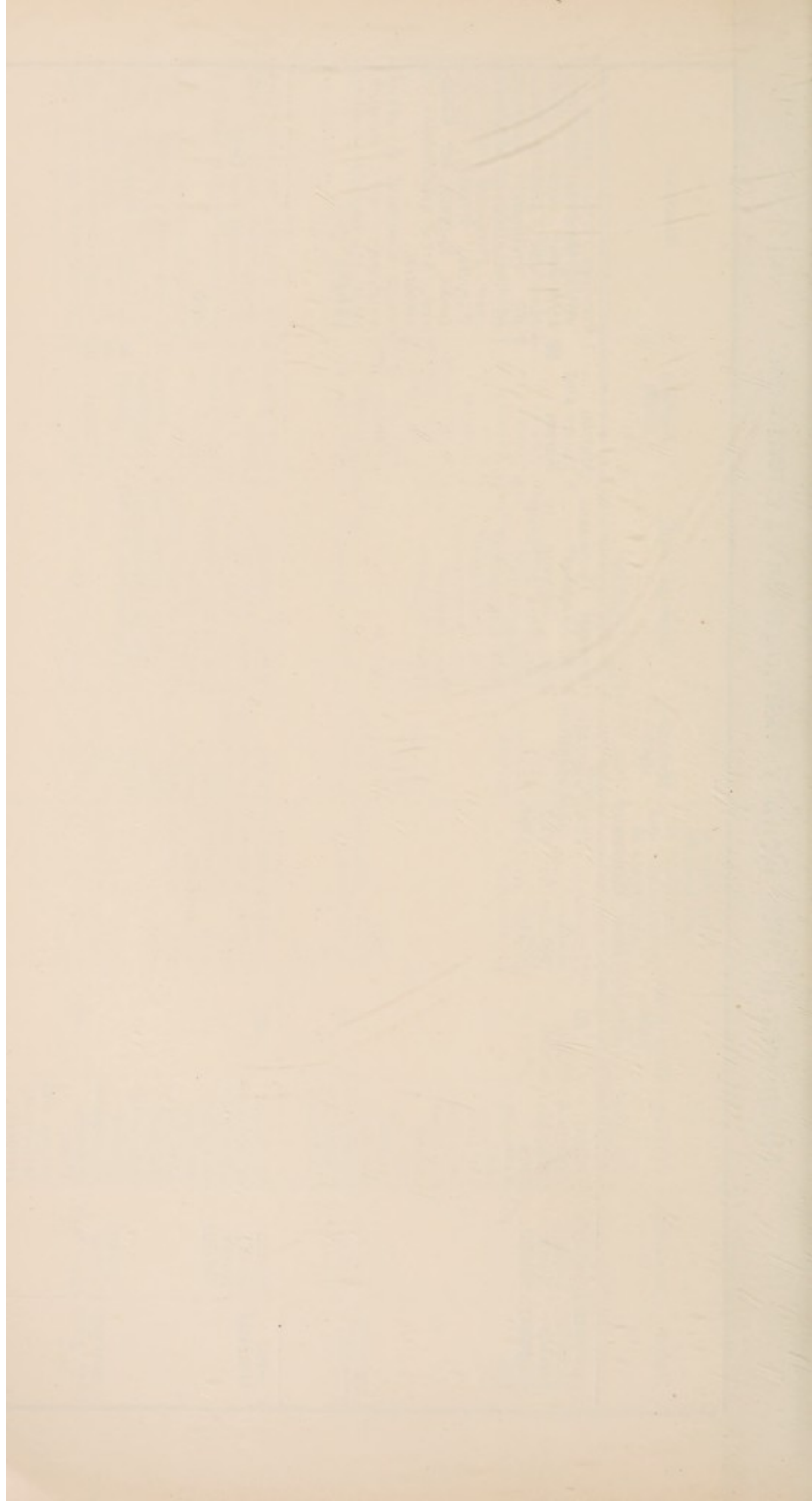
During the year there has been no change in the provision of laboratory facilities which were described in the Annual Report for 1930. The following table shows the number, nature and results of examination of the specimens examined in the Tynemouth Laboratory from 1934.

YEAR.	Diphtheria.		Phthisis.		Typhoid Fever.		Strepto- coccus.		Miscellan- eous	Totals
	+	—	+	—	+	—	+	—		
1934	121	816	38	185	—	4	11	423	23	1621
1935	190	1233	43	199	—	—	48	393	25	2131
1936	88	591	42	206	1	3	54	276	86	1347
1937	168	1333	38	233	9	58	21	150	193	2203
1938	445	2935	78	227	2	57	13	160	179	4096

Hospitals in the County Borough of Tynemouth.

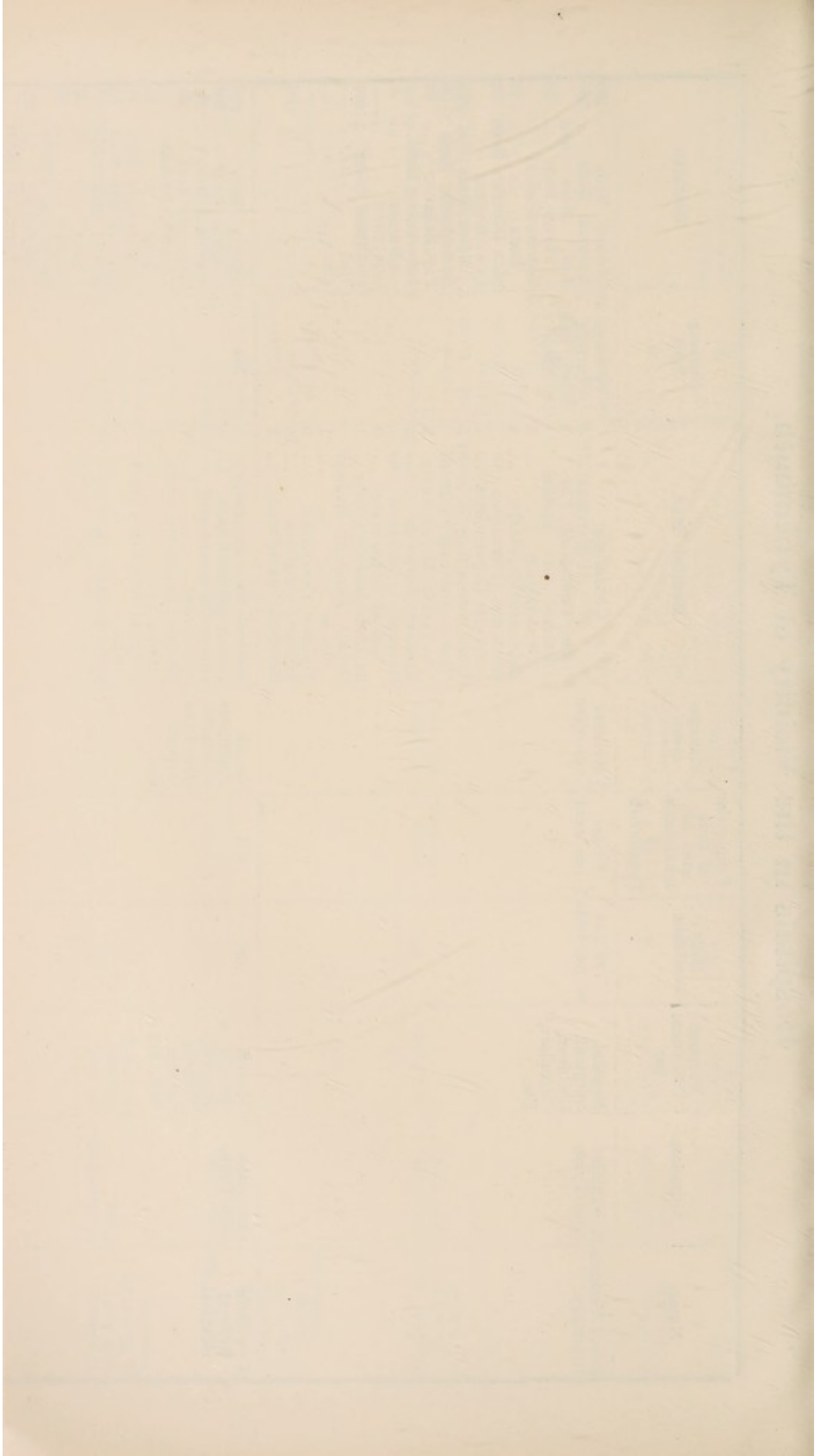
Name.	Situation.	Purpose.	Beds available.	Proportion of beds used by inhabitants of Tynemouth and inhabitants of other districts.	Management.	Medical Staff.	Nursing Staff.	REMARKS.
Tynemouth Victoria Jubilee Infirmary	Hawkey's Lane, North Shields.	General Medical & Surgical cases, Maternity cases, Children, Ear, Nose, & Throat treated. Out-patients massage. Hydro-Electric Therapeutic.	80	Tynemouth 72% Wallsend 3% Whitley Bay 21% Others 4%	Voluntary Committee	Honorary Physicians and Surgeons* ... 8 Hon. Surgeon to Ear, Nose & Throat Department* ... 2 Hon. Radiologist* ... 1 Hon. Pathologist* ... 1 Hon. Anaesthetist* ... 3 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; Orthopaedic Surgery for Children; 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, administered under the Poor Law Act. Hospital beds available for all general diseases, Tuberculosis and certain infectious diseases, Maternity cases, sick children, and Chronic sick.	438.	Northumberland County Council, 44% approximately. Tynemouth Corporation, 56% approximately.	Public Assistance Committee Tynemouth Corporation.	Medical Officer ... 1 Senior Asst. M.O. ... 1 Junior Asst. M.O. ... 1 Consultant Surgeon* ... 1 Dental Officer* ... 1 (One part time Medical Officer shared with Health Department). (Terminated 1/7/37).	Supt. Nurse 1 Home Sister 1 Sister Tutor 1 Sisters ... 9 Nurses 11 Probationer Nurses 45 Total ... 68	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 treatment of Scarlet fever, Diphtheria, Typhoid fever, and Tuberculosis cases.	68	Tynemouth County Borough, 100%	Health Committee Tynemouth Corporation	Medical Officer of Health Asst. " " "	Matron ... 1 Sisters ... 2 Nurses ... 12	The buildings which consist of old temporary buildings, erected in 1902, during a Smallpox epidemic have been partially modernised. A new Administration Block was opened on 5th November, 1935.
Balkwell Hospital	Balkwell, North Shields.	Isolation & treatment of Small-pox cases.	20	Tynemouth County Borough, 100%	Health Committee Tynemouth Corporation.	Medical Officer of Health Asst. " " "	Engaged as and when required. Matron of Moor Park Hospital is also Matron of Balkwell Hospital.	Opened, 1924.
Frater Home	Hawkey's Lane, North Shields.	Uncomplicated Maternity cases	6 (and two labour beds).	Tynemouth County Borough, 94% Other Areas 6%	Health Committee Tynemouth Corporation.	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 of beds used by inhabitants of Tynemouth	Management.	Medical Staff.	Nursing Staff.	Remarks.
Royal Victoria Infirmary.	Newcastle-upon-Tyne.	Medical, Surgical, Children, "Specials," Etc.	740 and 86 pay-beds	Under 1 per cent	Voluntary Committee	Hon. Consulting Physicians ... 4 Hon. Consulting Physicians 40 Special Departments ... 3 Honorary Physicians ... 8 Honorary Physicians ... 8 Special Departments ... 4 *Hon. Consulting Surgeons 5 *Hon. Consulting Surgeons to Special Departments 3 Honorary Surgeons ... 12 Honorary Surgeons to Special Departments ... 9 Resident Medical Officer ... 1 Deputy Resident Medical Officer ... 1 Resident Physicians ... 6 Resident Surgeons ... 15 Resident Anaesthetists ... 2	Average Nursing Staff, 1938 258.3	Medical Beds ... 188 Surgical Beds ... 286 Ear, Nose and Throat Beds ... 36 Gynaecological Beds ... 30 Skin Diseases Beds 24 Convalescent Home Beds ... 125 Orthopaedic Beds 50 Pay Beds ... 86 Emergency Beds (Nurses) ... 8 Total Beds ... 832
Newcastle General Hospital.	Newcastle-upon-Tyne.	General Medical & Surgical, Children, Chronic Sick, etc.	904	Nil.	Health Committee Newcastle-upon-Tyne Corporation.	Medical Superintendent ... 1 Deputy Medical Supt. ... 1 House Physicians and Surgeons ... 7 Medical Registrars (part-time) ... 3 Surgical Registrars (part-time) ... 2 Visiting Staff (part-time) 15	214	Medical Beds ... 210 Surgical Beds ... 269 Childrens Beds ... 84 Maternity Beds ... 34 Venereal Diseases Beds ... 31 Tuberculosis Beds 41 Chronic Sick Beds 70 Mental Observation Beds ... 25 Isolation ... 43 Mothers & Babies (Highfield) ... 32 Convalescent Home Whitton Tower 25 X-ray, Skin, Massage, Ophthalmic & Pathological Departments.
Wallsend Infirmary & Maternity Hospital	Wallsend-on-Tyne.	Medical, Surgical, Maternity.	10 10 14	Nil.	Voluntary Committee	Consultants and Local Practitioners.	Matron ... 1 Sister ... 2 Staff Nurses 2 Probationers 4 Asst. Nurse 1	No special departments. Modified Surgical service.
Hospital for Sick Children, Newcastle-upon-Tyne (Fleming Memorial).	Newcastle-upon-Tyne.	Children.	88	Under 1 per cent.	Voluntary Committee	Consulting Physicians ... 6 Consulting Surgeons ... 5 Consultants in Special Departments ... 8 House Physicians ... 1 House Surgeons ... 2	Matron ... 1 Sisters ... 7 Staff Nurse 1 Probationers 20 Resident Masseuse 1	DEPARTMENTS — X-ray, Dental, Ophthalmic, Skin, Massage, Ear, Nose and Throat, Pathological, Ultra Violet Ray and Electrical Treatment, Complete Surgical service. Proposals for extension under consideration.
Princess Mary Maternity Hospital.	Newcastle-upon-Tyne.	Maternity.	88	under 1 per cent.	Voluntary Committee	Hon. Obstetric Physicians 3 Asst. Hon. Obstetric Physicians ... 2 Hon. Surgeon ... 1 Hon. Ophthalmic Surgeon 1 Hon. Bacteriologist ... 1 Hon. Pathologist ... 1 Hon. Pediatrician ... 1 Hon. Physician in Preventive Medicine ... 1 Hon. M & C.W. Physician 1	Matron ... 1 Asst. Matron ... 2 Sister Tutor 1 Sisters ... 2 Staff Nurses 8 Probationers 50 Willington Quay part time 1 Students ... 60	New Hospital under consideration. In-patients, 1938, 2775. Out-patients, 1938, 672
Maternity Hospital.	Willington Quay.	Maternity.	14	22 per cent	Voluntary Committee	Hon. Surgeon ... 1 Hon. Physician ... 1 Hon. Obstetrician ... 1	6	
The W. J. Sanderson Orthopaedic Hospital School for Children	Gosforth, Newcastle-upon-Tyne.	Orthopaedic Hospital School.	134	Varied	Voluntary Committee	Medical Officer ... 1 Consultants ... 5 Orthopaedic Surgeons ... 2 Other Surgeons ... 3 Radiographer ... 1	31	Medical, Surgical, Orthopaedic, Neurologic, Ophthalmic, Throat and Ear, Dental, X-ray services, Education and Manual training provided.
Eye Hospital.	St. Mary's Place, Newcastle-upon-Tyne.	Eye Diseases.	32	Not known	Voluntary Committee	Hon. Consultant ... 2 Hon. Surgeons ... 3 Hon. Physician ... 1 Hon. Dental Surgeon ... 1 House Surgeons ... 2 Hon. Neurologist ... 1 Hon. Aural Surgeon ... 1	Matron ... 1 Asst. Matron 1 Sisters 3 Probationers 6	
Throat, Nose and Ear Hospital.	Rye Hill, Newcastle-upon-Tyne.	Diseases of Throat, Nose and Ear.	35	Nil.	Voluntary Committee	Consultant Surgeons ... 3 Asst. Consult. Surgeons 4 Other Honorary M.O's ... 10	13	1 House Surgeon.
Dispensary	115, New Bridge St. Newcastle.	Diseases of the Skin.	None	A certain number of out-patients attend from Tynemouth	Committee of N/c-on-Tyne Dispensary	Physicians, Honorary ... 2	None	
Infectious Diseases Hospital.	Scaffold Hill, Shiremoor.	Scarlet Fever, Diphtheria	76	Nil.	Earsdon Joint Hospital Board	1 part-time Medical Supt.	Matron ... 1 Sister ... 1 Nurses ... 4 Probationers 5	Population served: Earsdon Joint Hospital District U.D.C.'s of Whitley Bay & Monk-seaton, Seaton Valley, Longbenton, Wallsend, Blyth. Total Population: (Census 1931) 155,249
Infectious Diseases Hospital.	Wallsend-on-Tyne.	Infectious Diseases.	86	Nil.	Wallsend Corporation	Medical Officer of Health	Matron ... 1 Sister ... 2 Nurses ... 7 Probationers 7	ditto
Smallpox Hospital.	Wallsend-on-Tyne.	Smallpox.	20	Nil.	Wallsend Corporation	Medical Officer of Health	As and when required.	ditto
City Hospital.	Walker Gate, Newcastle-upon-Tyne.	Infectious Diseases & Tuberculosis.	338	Nil.	Health Committee Newcastle Corporation	Medical Supt. ... 1 Resident M.O. ... 1	Matron ... 1 Asst. Matron 1 Ward Sisters 11 Ass. Nurses 28 Probationers 48	Population served: Newcastle-upon-Tyne, 250,000.
Smallpox and Isolation Hospital.	Town Moor, Newcastle-upon-Tyne.	Smallpox.	172	Nil.	Health Committee Newcastle Corporation	Supplied from City Hospital as and when required.	Supplied from City Hospital as and when required.	



The bacteriological examination of milk, water and other specimens is carried out by arrangement at King's College laboratory, Newcastle.

The following specimens were examined during the year 1938:—

Samples of Milk for tubercle bacilli	114
Microscopical Exam. of Milk for Tubercle Bacilli ...	14
Samples of Milk for B.coli and count	15
Samples of Water for Bacteriological examination ...	26
Blood Examinations. (Cultures and Agglutination Tests)	5
Examinations for enteric organisms in excreta ...	16
Other Specimens. (Diphtheria Virulence Tests; Wassermann Tests, etc.)	11

Chemical analyses are performed for the Local Authority by the Public Analysts for the Borough, in their laboratory in Newcastle, upon samples submitted for the purpose by the Water Engineer.

Three samples of water were examined under this category during the year.

In Preston Hospital and in the Tynemouth Victoria Jubilee Infirmary, certain examinations and analyses of clinical material were 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.	Male	Female	Total.	Male 3 wards and side wards.	Female 3 wards	Total.	4 wards	
Medical ...	7 }	84	81	165	15	4	19	...	307
Surgical ...	3 }	...	...	70	23	22	45	...	
Children ...	3 }	...	...	...	...	...	8	...	
Chronic Sick ...	3	58	28	86	...	...	2 wards	...	86
Veneral ...	2	6	4	10	...	...	...	...	
Tuberculosis ...	6	40	26	91*	...	...	...	...	
Isolation ...	...	...	...	...	...	...	...	20	68
Maternity ...	1	...	12	12	...	8	8	...	26
Mental— <i>a</i> Short stay	2	2	2	4	...	...	...	...	4
Mental— <i>b</i> Long stay	...	...	...	...	...	...	...	...	...
Mental Defective ...	...	...	...	...	...	...	...	...	...
Other ...	...	...	...	...	...	...	...	...	...
Total ...	24	190	153	438*	38	34	80	68	612
							6	20	

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 Hospital 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 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 1938. 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 31/12/38.
Medical and Surgical	...	165	Med. 98; Surg. 56.
			Total, 154

Children	...	...	...	70	63
Chronic Sick	...	...	...	86	76
Tuberculosis (25 for children)	...	...	...	91	60
Maternity	...	...	...	12	12
Others	...	...	...	14	13
				438	378

Number of patients admitted during the year	...	...	2,392
Number of patients discharged and died during the year	...	...	2,398
Number of deaths during the year	...	...	514
Average number of beds occupied	...	...	377
(Highest 407 on 10/2/38; Lowest 355 on 16/7/38)			
Number of patients seen at Venereal Diseases Clinic	...	...	412
Number of Surgical operations under General Anaes.	...	...	57
Number of Children, including children suffering from Tuberculosis, admitted from 1/1/38 to 31/12/38	...	...	514
Number of Maternity patients admitted from 1/1/38 to 31/12/38	...	...	213
Number of X-Ray Examinations (patients from Preston Hospital)	...	...	490

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 1938:—

PATIENTS TREATED—In-patients, 1,655; Out-patients, 4,735;
Total—6,390.

OPERATIONS under general anaesthesia—1,898.

PATIENTS TREATED IN MASSAGE AND ELECTRICITY
DEPARTMENT—398 (8,595 visits).

EXAMINATIONS IN X-RAY DEPARTMENT—3,985.

SPECIMENS EXAMINED IN LABORATORY—1,386.

FRATER MATERNITY HOME.

Particulars of this Home are included in the Annual Report, 1930, and previous years. As routine, swabs are taken from patients on admission. The following table shows the bacteriological findings of such examinations:—

Number of examinations	150
Number of swabs showing streptococci ...	12

The number of patients admitted during the year was 88.

BALKWELL SMALLPOX HOSPITAL.

No cases were admitted during the year.

MOOR PARK HOSPITAL.

ADMISSIONS, DISCHARGES, AND DEATHS DURING 1938.

Disease.	Patients in hospital on 1st January, 1938.	Admitted	Discharged	Died	Remaining in hospital on 31st Dec., 1938.
Diphtheria ...	24	169	177	4	12
Scarlet Fever ...	13	194	198	3	6
Tuberculosis ...	17	31	25	10	13
Other * ...	2	13	14	1	—
Totals ...	56	407	414	18	31

*13 Suspicious cases (3 Scarlet Fever; 5 Diphtheria.) (1 Enteric.) (2 TB) (2 Measles).

The total number of days spent in hospital by patients during the year was 16,110, or an average of 39.58 days per patient.

TUBERCULOSIS.

The provision of beds under the Public Health Acts for Tuberculosis patients was outlined in the Annual Report for 1930. 91 beds (25 of which are for children) are provided in Preston Hospital, which is administered under the Poor Law Acts, and there are 20 beds at Moor Park for tuberculosis persons.

PUBLIC HEALTH ACT, 1936.

Consultations in accordance with Section 182 of the Public Health Act, 1936 have been held during the year between representatives of the Tynemouth Corporation and the Tynemouth Victoria Jubilee Infirmary. The purpose of these meetings was to endeavour to formulate a scheme for the amalgamation of General Hospital accommodation existing at present in the Borough.

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 shows 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 ...	101
Cases placed in homes ...	10
Visits paid and received ...	895

PUBLIC ASSISTANCE COMMITTEE, TYNEMOUTH COUNTY BOROUGH.

Admitted to Homes—Orphans, 8; Deserted children, 7; Illegitimate children, 12; Others, 39. Total 66.

Admitted to Institution—Unmarried mothers, 9; Illegitimate children, 25. Total 34.

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.

A Voluntary Association Home, administered by the Borough of Tynemouth Holiday Agency.

During the year there were 93 admissions, comprising 37 women, 56 children. The Home provides 10 beds.

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 1938.

		Prudhoe Hall Colony, Northumb'land N.E. Co. Boro. Joint Board.	Harton* 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.	22	2	—	—	3
	F.	24	—	—	—	—
Imbeciles	M.	8	1	1	—	—
	F.	2	—	1	1	—
Idiots	M.	—	—	—	—	—
	F.	2	—	—	—	—

*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	...	...	...	...	...	39
(including 2 on leave of absence on licence in the Borough)						
Females	...	...	...	...	...	45

Seven cases (2 female and 5 male) are on leave of absence on licence from Institutions in the care of Guardians under the supervision of the Central Association for Mental Welfare, the North Eastern Council for Mental Welfare, or the Mental Deficiency Committee for the Area in which the Guardian resides.

And one case has been transferred from a certified institution and placed under the guardianship of his parents.

Three cases have been discharged from order,

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 and Post Natal Clinic, Health Dept., Preston Road, North Shields.	Consulting, Dressing and Waiting Rooms.	Do.	Opened 31st July, 1937.
Ante-natal Clinic, Victoria Jubilee Infirmary, North Shields.	Two consulting rooms and dressing rooms. One waiting room and side room. (Transferred as a Voluntary Clinic, 1st Aug., 1937).	Do.	Situated in the Vol. Hospital: 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 General and Local room, complete installation of mercuric Arc units. 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.	
Subsidiary Venereal Diseases Clinic for Women and Children at Health Office, Preston Road, North Shields.	Do.	Do.	Do.

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.
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.	—
Women's Advisory Centre, 1, Cleveland Rd., North Shields.	—	Voluntary Subsidised by Association Local Author- ity.	

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.

One disinfecting van, and a car for the use of the Medical Officers are also provided by the Council.

LOCAL GOVERNMENT ACT, 1929.

It has been found impracticable, up to the present time to appropriate for purposes of the Special Acts (Sec. 5 (1)) of the Local Government Act, 1929, any part of Preston Hospital, (a transferred institution containing 438 hospital beds). The agreement with the Northumberland County Council as to joint usage extends until 1950.

HEALTH EDUCATION.

No arrangements were made for the provision of public lectures on Social Hygiene during the year. Informal talks were however given by members of the Health Visiting Staff engaged in the various branches of public health work in the Borough.

BLIND PERSONS.

The following is an analyses of the Blind Persons in the Borough on the Register of Blind Persons at 31st Dec., 1938.

At School	...	...	2	Between 60 & 70	...	33
Under 20 years	...	...	2	„ 70 & 80	...	26
Between 20 & 30	...	...	7	„ 80 & 90	...	3
„ 30 & 40	...	...	13	Over 90	...	3
„ 40 & 50	...	...	14			
„ 50 & 60	...	...	25			
Total			...	...	...	128

Under Sec. 176 of the Public Health Act, 1936, for the prevention of Blindness and for the treatment of eye disease or injury, 77 cases were dealt with during the year.

MATERNAL MORTALITY PROVISIONS.

During the year five maternal deaths were investigated. Bacteriological examinations are made of the patients admitted to the Frater Maternity Home. The results of these examinations are detailed in page 16.

Three of the cases had attended the ante-natal clinic.

The average Maternal Death rate for the period 1929—1938 was 4.12 per 1,000 Live births.

REGISTRATION OF NURSING HOMES.

One nursing home is registered under the Public Health Acts, 1936.

Under Section 192 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	...
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).	28th August, 1909
Part VII., Sections 79 to 86	...
Part VIII., Sections 88 to 90	...
Part IX.	...
	1st February, 1909

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 Super- annuation Act, 1922	...	...	...	16th July, 1929
Public Health Act, 1925, Parts II., III., IV., V.	...	...	...	25th July, 1934
Certain parts of the above Act have been ammended or repealed by the Public Health Act, 1936.				

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.

Sanitary Circumstances of the Area.

WATER.

The Capital Cost of the Water Undertaking of the County Borough of Tynemouth to date amounts to £982,479.

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—11½ square miles; upland moorland.
Capacity of Reservoir—721½ million gallons.
- (2) From the Tosson Springs on the North East side of Simonside 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 Valley U.D.C.; Newbiggin U.D.C.; Bedlington U.D.C.; and part of Morpeth District.

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

Twenty six bacteriological examinations were taken during the year.

During the year 3 samples of water from domestic supplies were submitted for chemical analysis. The following report taken in mid-year has been selected as an average.

Public Analyst's Laboratory,
10, Dean Street,

Newcastle upon Tyne.

30th June, 1938.

We have analysed the undermentioned sample of Water, and find the following results:—

Sample marked: "Drawn from open tap opposite Harbottle's Buildings, New York, North Shields, 20th June, 1938." Received 20th June, 1938.

	Parts per 100,000
Total solid matter in solution dried at 100° C. ...	10.600
Chlorine existing as chlorides	1.065
Ammonia	0.004
Albuminoid ammonia	0.007
Nitrogen existing as nitrates	0.013
Oxygen absorbed in 15 minutes at 25° C. ...	0.270
Oxygen absorbed in 4 hours at 25° C. ...	0.496
Lead and other poisonous metals	None
Hardness before boiling, Dr. Clark's Scale ...	7.0°
Hardness after boiling 1 hour, Dr. Clark's Scale ...	5.9°
Appearance in two foot tube—Yellowish Brown and clear.	
Smell when warmed—None.	
Microscopical examination of sediment—Satisfactory.	
Lead solvency	0.14.

The figures relating to the organic impurities in this water are all satisfactory and chemically speaking, the water is in our opinion, suitable for drinking.

Like many soft waters of this type it has the power of dissolving lead, although this sample actually does not contain any lead in solution. The lead solvency is a little higher than that of the last sample, reported upon in our certificate dated April 12th, 1938, but is within safe limits.

SWIMMING POOLS.

There are two Open-Air Salt Water Swimming Pools situated within the Borough. Periodically samples of water have been taken and have always attained a satisfactory standard.

In anticipation of the increased use of the larger of the two swimming pools referred to, situated on the sea front at Tyne-mouth, a Filtration and Chlorination Plant has been installed and shall be in operation throughout the coming season.

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	90 l.yds.
Balkwell Estate	931 l.yds.
Ridges Estate	2,052 l.yds.
West Chirton Estate	1,825 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.

There have been no conversions to the water carriage system at the cost of the Local Authority.

CLEANSING AND TRANSPORT DEPARTMENT.

Report of the Director of Public Cleansing.

(Roy Marson, A.M.Inst., P.C.).

The Cost of Refuse Collection, Refuse Disposal, Street Sweeping, Gully Cleansing, and Ashbin Scheme and Stock, is shewn for the past three years. Workmen's wages were increased by $\frac{1}{2}$ d. per hour in July, 1936, and a further $\frac{1}{2}$ d. per hour in March, 1937.

Including Capital and Debt Charges.

YEAR ENDED.		
31st March, 1936.	31st March, 1937.	31st March, 1938.
£18,652.	£19,134.	£18,681

Excluding Capital and Debt Charges.

YEAR ENDED.		
31st March, 1936.	31st March, 1937.	31st March, 1938.
£15,420.	£16,067.	£16,711

Almost the whole of the refuse storage in the Borough is by means of galvanised ashbins of prescribed standard pattern. There remains only a few privy pails in certain isolated premises in the town area, and only a small number of dry and privy ashpits in outlying places, where it has not been practicable to convert to water carriage system.

The number of privy pail closets in the Borough is 26, dry pits 24, privy pits 77.

During the year 854 standard ashbins were provided to eliminate defective ashbins and unsuitable receptacles, and for new houses.

Dry house refuse is collected throughout the Borough (during the day) weekly, with the exception of the before-mentioned isolated cases.

The collection vehicles are of the S.D. Freighter, Low-Loading Type, including one 10 cubic yard moving floor van type. These are supplemented by horse drawn two-wheeled vehicles. All the vehicles are on pneumatic tyres.

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

Refuse is disposed of by controlled tipping, with the exception of a small quantity of trade refuse which is incinerated.

The total mileage of streets to be cleansed is 84: 16 miles are cleansed once daily or more frequently, 6 miles twice weekly, 62 miles once weekly.

Street cleansing is carried out by the "Orderly System." All sweepings are collected by motor vehicle direct from the beats and are finally disposed of within a short period from the time of sweeping.

Litter bins are affixed to street standards in an endeavour to encourage pedestrians to refrain from depositing litter.

There were snowfalls and severe frosts during December, 1938, and January, 1939, and road gritting on account of frosts was carried out mechanically and by hand.

Gullies are vacuum cleaned regularly and re-sealed with fresh water.

SCHOOLS.

A brief note is made in this Report on the sanitary condition of schools, on page 71 of the Senior 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 1938.

Prevalence of and Control over Infectious and other Diseases.

ARTIFICIAL METHODS OF IMMUNIZATION AGAINST DISEASE.

VACCINATION.

The following Table gives the figures relative to the vaccination of Infants in the Borough, for the year 1937, under the Vaccination Acts.

Births	Vaccinated successfully.	Insusceptible.	Died unvaccinated.	Conscientious Objectors.	Postponed by Medical Certificate.	Removed.	Unaccounted.	Percentage not vaccinated including Columns 5, 6, 7 & 8.
1	2	3	4	5	6	7	8	9
1135	182	4	37	846	—	21	45	80.3

In addition, the following number of vaccinations were carried out during the year ended 30th September, 1938.

	Numbers of successful Primary Vaccinations of persons.			Number of Successful Re-vaccinations, i.e. Successful vaccinations 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	112	8	120	17
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.

There were no persons tested for susceptibility or inoculated for Scarlet Fever, Diphtheria, or Typhoid Fever during the year.

**NOTIFICATIONS, CASE MORTALITY, AND ADMISSIONS TO HOSPITAL OF INFECTIOUS
DISEASES, DURING 1938.**

Disease	Number of Cases Notified.	Number of Deaths.	Number admitted to Infectious Diseases or other Hospitals.	Prop. of Total Notifications admitted to Infectious Diseases or other Hospitals, %	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	
Encephalitis Lethargica	...	2	...	0.00	...	...	...	...	...	...	...	...
Scarlet Fever	268	3	196	73.13	63	57	46	17	3	3	7	26.7
Diphtheria...	183	6	169	92.35	38	53	35	18	8	5	12	31.6
Puerperal Pyrexia	19	7	16	84.21	15	1	...	...	...	...	...	...
Erysipelas	35	...	3	8.57	2	1	...	...	...	...	...	...
Cerebro Spinal Fever	1	1	1	100.00	1	...	...	...	...	...	...	...
Ophthalmia Neonatorum	5	...	1	20.00	1	...	...	...	...	...	...	...
Influenzal Pneumonia	11	10	2	18.18	1	...	...	1	...	...	...	...
Pneumonia	45	49	4	8.88	3	...	2	...	...	...	...	...

SMALLPOX.

There were no cases notified during the year.

No contacts were 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.

YELLOW FEVER.

No cases or contacts were kept under observation during the year.

SCARLET FEVER. (See tables on pages 93 and 94).

During the year 268 cases were notified, as compared with 159 in 1937. 194 of the notified cases were admitted to Moor Park Hospital. There were 3 deaths from the disease.

2 cases were removed to Walkergate Hospital, one of which was for a mastoid operation.

The average duration of treatment in Hospital was 26.7 days.

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

DIPHTHERIA. (See tables on pages 93 and 94).

During the year 183 cases were notified as compared with 101 in 1937. 169 of the notified cases were admitted to Moor Park Hospital.

There were six deaths.

The average duration of treatment in Hospital was 31.6 days.

3,380 swabs were examined in the laboratory for the presence of diphtheria bacilli (see page 12).

One diphtheria carrier admitted to Walkergate Hospital for Tonsil operation.

The distribution of anti-toxin to general practitioners was continued as in previous years. During 1938 546,000 units of anti-toxin were distributed in 241 phials.

ENTERIC FEVER.

There were no cases notified during the year.

ENCEPHALITIS LETHARGICA.

No cases were notified during the year.

One death attributed to this disease occurred in Preston Hospital.

CEREBRO SPINAL FEVER. (See tables on pages 93 and 94).

One case was notified, and was treated at Preston Hospital. The case terminated fatally.

The diagnosis was confirmed by bacteriological examination.

ACUTE POLIOMYELITIS.

There were no cases notified during the year.

PNEUMONIA. (See Annual Report for 1930).

There were 49 deaths from Pneumonia (excluding Influenzal Pneumonia) during the year, as compared with 55 deaths in 1937 and 47 in 1936. The greatest number of notifications were received during March to June.

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

Puerperal Pyrexia.

Of 19 cases notified, 16 were admitted to hospital under the Puerperal Pyrexia Regulations. The services of a consultant were not required. The eventual diagnosis of the 19 notified cases was as follows:—

Sapraemia	...	...	...	...	...	7
Influenza	...	...	...	...	...	3
Tonsillitis	...	...	...	...	...	—
Other Causes	...	...	...	...	...	9

Three cases included in the above figures, treated at Preston Hospital, were non-residents of the Borough.

Six of the cases were attended at birth by midwives and thirteen by medical practitioners, only six of the cases had attended the Ante-Natal Clinic.

OPHTHALMIA NEONATORUM.

Four cases occurred in the practice of midwives, and 1 occurred in the practice of a medical man. 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. All the cases were attended by the staff of the Nursing Association, 106 visits being made (including Hospital case after discharge).

CASES.			Vision un- impaired.	Vision impaired.	Total Blindness.	Deaths.
Notified.	TREATED.					
	At Home.	In Hospital				
5	4	1	5	—	—	—

In addition to visits paid to cases of Ophthalmia Neonatorum, 463 visits were made to 30 cases of Discharging Eyes.

MEASLES AND WHOOPING COUGH.

The following table shows the number of deaths from Measles (including German Measles) and Whooping Cough, from 1929 to 1938—

		1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Whooping Cough	School Notifications	68	216	117	149	206	164	149	117	237	72
	Deaths at all ages ...	2	11	2	6	5	2	5	2	4	4
Measles (includes German Measles)	School Notifications	454	313	595	179	501	997	72	735	494	745
	Deaths at all ages ...	17	—	18	3	7	14	2	8	4	5

PEMPHIGUS NEONATORUM.

113 visits were paid by the District Nurse to confirmed (1) and suspected cases (9) of Pemphigus Neonatorum.

The confirmed case was attended by a midwife.

DIARRHOEA AND ENTERITIS.

Deaths under two years 7, mortality rate, 6.34 per 1,000 births.

The mortality rates for England and Wales, and the Great Towns, were 5.5 and 7.8 respectively.

Deaths (all ages) 11, Mortality Rate per 1,000 of the population, 0.165.

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. Six homes were visited during the year.

FOOD POISONING.

No cases of food poisoning were notified during the year.

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

There were 10 deaths from Influenza in 1938, as compared with 27 deaths from this cause in 1937.

The disease was most prevalent in March and November.

RESPIRATORY DISEASES. (See appendix Table II.)

Pneumonia, Bronchitis and other Respiratory diseases: —

Deaths: 82; Mortality rate per 1,000 living, 1.23.

CANCER.**DEATHS AND DEATH RATES FROM CANCER.**

	1900 -04	1905 -09	1910 -14	1915 -19	1920 -24	1925 -29	1930 -34	1935	1936	1937	1938
Deaths	157	185	244	287	319	315	403	92	90	103	91
Death Rate per 1,000 living ...	0.596	0.672	0.823	1.001	0.996	0.950	1.229	1.363	1.347	1.54	1.368
Proportion of deaths per 1,000 deaths from all causes	31	37	51	56	72	74	99	111	116	151	114

Deaths, 1938—91. Mortality rate per 1,000—1.368.

There are 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.

The localisation, age and sex distribution of the disease are shown in the following Table for the year 1938.

	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	...	3	1	5	1
Stomach, liver etc.—	...	...	...	...	1	2	6	2	9	7	16	11
Peritoneum, intestines and rectum —	...	...	...	...	1	1	3	3	6	2	10	6
Female genital organs	...	...	...	...	...	1	...	12	...	2	...	15
Breast —	...	...	...	...	...	...	...	6	...	2	...	8
Skin —	...	...	...	...	...	...	...	...	...	1	...	1
Unclassified —	...	1	1	...	1	...	9	1	3	2	14	4
Totals —	..	1	1	...	3	4	20	24	21	17	45	46

DISEASES OF THE CIRCULATORY SYSTEM.

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

DEATHS IN AGE AND SEX GROUPS DURING 1938 (Reg. Gen. Figures).

		All Ages	0-	1-	2-	5-	15-	25-	45-	65-	75
Heart Disease—	Male	77	...	..	...	...	3	4	28	26	16
	Female	65	...	...	...	...	...	3	12	18	32
Cerebral Haem—	Male	14	...	...	...	...	...	...	6	2	6
	Female	25	...	...	...	...	...	...	3	15	7
Other Circulatory											
Diseases—	Male	38	...	...	...	...	...	...	6	16	16
	Female	36	...	...	...	...	...	...	9	12	15
Total	...	...	255	...	...	...	3	7	64	89	92

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 35 cases in this connection.

SCHOOL INTIMATIONS OF DISEASE.

As in previous years weekly returns of figures relating to absenteeism on account of illness in the various schools in the Borough have been submitted by the Education Department and have again proved helpful in the tracing of sources of infection, excluding contacts, and eradicating infectious diseases in localised areas.

On the occurrence of any group of infective cases a special visit of the medical staff of the School Medical Service is made with a view to tracing the source of infection and excluding the latent or likely cases. The homes of children excluded on account of disease are visited by the School Nurses and Health Visitors and appropriate advice is given on the prevention of disease and its applications.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

(See pages 12 and 13).

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 1938.

Disease.					Rooms.	Articles of Clothing.
Scarlet Fever	...	...	...	...	278	2106
Diphtheria	...	...	...	...	182	1788
Tuberculosis	...	...	...	...	70	129
Vermin	...	...	...	...	8	17
Cancer	...	...	...	...	5	1
Cerebro-Spinal Meningitis	...	...	...	...	9	9
Other Diseases	...	...	...	...	12	31
Total					564	3981

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 is one Ford Motor van for the transport of infected and sterilised clothing and bedding. The van made 671 journeys during the year. The number of days on which the disinfectant was in use at Moor Park Hospital amounted to 209.

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% $S.O_2$.); the gas was kept circulating by means of fans.

During the year the furniture from 320 families was disinfected prior to removal to new houses on the Ridges Estate.

PARTICULARS OF THE ACTION TAKEN FOR THE ERADICATION OF BED BUGS DURING THE YEAR 1938.

	Infested.	Deinfested.
(1) Number of (a) Council Houses ...	13	13
(b) Other Houses ...	32	32
(2) The methods employed for freeing infested houses from bed bugs.	Spraying with Insecticide (Zaldecide) after preparation of room, e.g. stripping off wallpaper and removing skirting boards, etc. Infested bedding deinfested by Steam disinfectant.	
(3) The methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses.	6 hours concentrated fumigation with Sulphur Dioxide (2.8% S.O. ₂) Gas being kept circulating by means of Electric Fans. 320 tenants effects have been so treated.	
(4) Whether the work of deinfestation is carried out by the Local Authority or by a Contractor. ...	All deinfestation is carried out by experienced men employed directly by the Local Authority.	

Deinfestation of privately-owned and occupied property is not carried out by the Department. The services of a Sanitary Inspector are given in an advisory capacity, spray loaned free of charge, and insecticide sold at cost price.

CHIEF INFECTIOUS DISEASES IN RELATION TO THE SIZE OF THE HOUSE DURING 1938.

NOTIFICATIONS.	1 room.	2 rooms.	3 rooms.	4 rooms.	5 rooms and over	Institutions.
Scarlet Fever ...	2	36	71	64	90	5
Diphtheria ...	2	22	43	43	56	17
Pneumonia ...	...	4	5	16	18	2
Erysipelas ...	1	4	7	13	9	1
Tuberculosis (Pulmonary) ...	5	10	20	14	18	3
Tuberculosis (Non-Pulmonary)...	...	3	11	9	11	8

NOTE:—The incidence in relation to the size of the houses and the population dwelling therein has been discontinued in table form, owing to the movement of the population under the Housing Acts, into larger houses since the Census of 1931.

Tuberculosis.

The total number of notifications received was 225, relating to 112 new cases; 5 of the total number were notified more than once.

PRIMARY NOTIFICATIONS.

				M	F	Total
Pulmonary	...	...	...	42	28	70
Non-Pulmonary		...	...	21	21	42
				—	—	—
	Total	...		53	49	112
				—	—	—

In addition, 54 notifications on Form I. and 49 on Form II. were received. One case was transferred from other areas, and 3 cases not notified were entered in the Register from the Death Returns, and one Posthumous Notification was received.

- (1) **Pulmonary Tuberculosis.**—Deaths, 54, mortality rate per 1,000, 0.81. The distribution of the deaths with mortality rate in each ward are as follows:—

WARD.	Popula- tion.	Notifica- tions.	Deaths.	Mortality Rate
				1938
Chirton ...	8452	15	9	1.06
Collingwood	5308	5	3	0.56
Cullercoats...	5780	4	1	0.17
Dockwray ...	9290	10	8	0.86
Linskill ...	8500	5	6	0.71
Percy ...	6832	6	4	0.59
Preston ...	6861	8	8	1.17
Trinity ...	9105	15	10	1.09
Tynemouth	6382	2	5	0.78
Whole Borough	66510	70	54	0.81

- (2) **Non-Pulmonary Tuberculosis.**—Deaths, 17, mortality rate per 1,000, 0.25.

PULMONARY AND NON-PULMONARY TUBERCULOSIS.

MORTALITY RATES.

5 Yearly Averages (1911—1935).

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—1935	0.93	0.26
1936—	0.84	0.09
1937—	0.84	0.13
1938—	0.81	0.25

NEW CASES AND MORTALITY FROM PULMONARY AND NON-PULMONARY
FORMS OF TUBERCULOSIS DURING 1938.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	...	...	1	...	...	...	1	...
1— 5 ...	...	...	2	4	...	...	2	2
5—10 ...	1	3	5	2	...	...	2	1
10—15 ..	2	1	4	5	1	1	...	1
15—20 ...	6	2	3	1	3	2	2	...
20—25 ...	2	6	3	2	1	1	1	...
25—35 ...	6	6	1	4	6	10	...	1
35—45 ...	5	6	2	3	1	4	1	3
45—55 ...	12	3	...	...	13	4	...	...
55—65 ...	8	1	...	...	5	2	...	...
65 and over ..	...	...	...	...	...	...	...	...
Totals ...	42	28	21	21	30	24	9	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 3 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 informed.

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 ACT, 1936.

No action was taken during the year under Section 169 of the Public Health Act, 1936.

NOTIFICATION REGISTER.

The number of cases of Tuberculosis on the register of notifications, on 31st December, 1938 was :—

Pulmonary.			Non-Pulmonary.			Total Cases.
Males.	Females.	Total.	Males.	Females.	Total.	
228	172	400	138	100	238	638

REPORT UPON DISPENSARY AND INSTITUTIONAL TREATMENT.

RETURN FOR THE YEAR 1938.

(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	31	16	3	4	3	2	5	5	34	18	8	9	69
(b) Doubtfully tuberculous	...	...	...	...	...	...	...	...	11	6	16	19	52
(c) Non-tuberculous	...	...	...	...	...	...	...	...	30	24	27	32	113
B—CONTACTS EXAMINED DURING YEAR—													
(a) Definitely tuberculous	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Non-tuberculous	...	...	...	...	...	...	...	...	15	16	24	44	99
C—CASES WRITTEN OFF DISPENSARY REGISTER AS—													
(a) Recovered	4	4	4	4	3	3	8	5	7	7	12	9	35
(b) Non-tuberculous (including any such cases previously diagnosed and entered on the Dispensary Register as tuberculous)	...	...	...	...	...	...	...	...	45	40	100	119	304
NUMBER OF PERSONS ON DISPENSARY REGISTER ON 31ST DECEMBER, 1938—													
(a) Definitely tuberculous	118	71	37	32	20	13	48	25	138	84	85	57	364
(b) Diagnosis not completed	...	...	...	...	...	...	...	...	11	8	17	22	58

1. Number of cases on the Dispensary Register on 1st January, 1938 ... 480
2. Number of cases transferred from other areas and cases returned after discharge under Head 3 in previous years ... 3
3. Number of cases transferred to other areas, cases not desiring further assistance under the scheme, and cases lost sight of ... 27
4. Cases written off during the year as dead (all causes) ... 28
5. Number of attendances at the Dispensary (including contacts) ... 2409
6. Number of Insured Persons under Domiciliary Treatment on 31st Dec. 65
7. Number of consultations with Medical practitioners:—
 - (a) Personal ... 147
 - (b) Other ... 8
8. Number of visits by Tuberculosis Officers to homes (including personal consultations) ... 4
9. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes ... 2198
10. Number of
 - (a) Specimens of Sputum etc., examined ... 305
 - (b) X-ray examinations made in connection with Dispensary Work ... 1123
11. Number "Recovered" cases restored to Dispensary Register, and included in A(a) and A(b) above ... Nil
12. Number of "T.B. plus" cases on Dispensary Register on Dec. 31st ... 85

(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
†Horn Hall Sanatorium, Stanhope ...	6	...	...	...	6
Poor Law Institution.					
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.

Additional Beds for female adults can be obtained at Wolsingham Sanatorium, Co. Durham, should the need arise.

(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	2	2‡	...	...
	Children ...	Nil	...	...	...	...
	Total ...	Nil	2	2	...	..
Number of definitely tuberculous patients admitted for treatment.	Adult males ...	12	29	22	8*	11
	Adult females ...	8	15	12+	4‡	7
	Children ...	5	9	8	...	6
	Total ...	25	55	44	12	24

‡ Under 28 days. * Includes 2 cases with stay of less than 28 days.

+ Includes 4 cases with stay of less than 28 days.

(a) PULMONARY TUBERCULOSIS.

* Includes one "lost sight of" case returned, in both cases. † Includes 1 male child previously transferred from Non-Pul Abd. 1919. ‡ Includes one case transferred from Pul. minus, in all four instances. § Male child transferred from Boxes and Joints 1920.

CONDITION OF DISPENSARY PATIENTS AT END OF 1938.

[illegible]

- This is a "lost sight of" case returned

X-RAY EXAMINATIONS.

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

709 Radiographs and 462 Screen examinations were made during the year.

ULTRA-VIOLET LIGHT THERAPY.

The total number of patients treated at the clinic during 1938 was 165 made up of 31 adults and 134 children.

The results of treatment were as follows:—76 were discharged healed or quiescent; 56 improved; 25 remained stationary and 8 retrogressed.

Since the 1st October, 1938, the Public Health Committee have accepted responsibility for the maintenance of cases of Pulmonary Tuberculosis admitted to Preston Hospital. Up to the end of December liability was accepted for 34 cases.

In addition to the above certain cases requiring special treatment are now admitted to the Newcastle General Hospital for surgical treatment by the Thoracic Specialist. The Public Health Department have accepted responsibility for the cost of operation and maintenance of such patients.

ULTRA-VIOLET LIGHT THERAPY.

CONDITION OF PATIENTS UNDER TREATMENT DURING 1938.

Classification.	No. of Cases Treated during 1938		Dis- charged Healed or Quiet- sent		Im- proved		Station- ary		Retro- gressed	
	Adults	Child- ren	Adults	Children	Adults	Children	Adults	Children	Adults	Children
Tubercular Adenitis (Cervical etc.) without complications ...	...	2	...	1	...	1	...	...	...	...
Adenitis (complications) Skin and Suppuration ...	7	14	4	7	1	5	1	2	1	...
Abdominal ...	1	16	...	5	1	5	...	6	...	...
Skin ...	6	...	4	...	1	...	1	...	...	...
Pulmonary + Skin ...	...	...	...	...	...	...	...	...	...	...
Pulmonary + Spine ...	1	...	...	...	...	...	1	...	...	...
Bone ...	1	3	1	...	...	1	...	...	...	2
Observation) Cervical and Glands) Adenitis, etc. ...	5	62	3	40	1	20	1	2	...	...
Observation - Skin ...	...	...	...	...	...	...	...	...	...	...
Renal ...	...	...	...	...	...	...	...	...	...	...
Pulmon. + Glands - Cervical ...	1	1	...	...	...	...	...	1	1	...
Pulmonary + Abdomen ...	...	...	...	...	...	...	...	...	...	...
Pulmonary T.B. & observation	...	...	...	...	...	...	...	...	...	...
Associated conditions, etc. ...	9	36	2	9	3	17	3	7	1	3
TOTALS	31	134	14	62	7	49	7	18	3	5

TYNEMOUTH TUBERCULOSIS CARE COMMITTEE.

The Committee, which consists of representatives of practically all the voluntary associations of the Borough and from a number of business firms etc., has now become purely self supporting from the administrative point of view, the administrator being the Hon. Financial Secretary (H. W. Welch). The Medical Staff of the Health Department act in an advisory capacity and refer cases from the Dispensary to the Committee who deal with them.

During the year 30 cases were assisted, 21 being granted Extra Nourishment which consists of certain specified quantities of Eggs and Milk to approved cases of tuberculosis. The remaining 9 cases were supplied with surgical appliances, boots and clothing etc.

A Flag Day was held during the year and a collection of £34 7s. 0d. was made.

Thanks are expressed for donations received from "A Wellwisher"; Mr. Donald, Cullercoats; Mrs. Weatherstone, Cullercoats; Employees Newcastle & Gateshead Gas Co.; Employees Smith's Dock Co. (Hospital Comm.); North Shields Inner Wheel; Anonymous; and Staff of Public Health Department.

REHOUSING OF TUBERCULOUS FAMILIES.

Under a scheme inaugurated by the Health Committee in February, 1933, 11 houses are now allotted for the purposes of rehousing families containing one or more cases of pulmonary tuberculosis of a definitely infective nature.

Three alterations in tenancies have taken place during the year.

The minimum rent payable by families rehoused under this scheme has been fixed by the Committee at 5/- per week.

The houses are inspected periodically by the Tuberculosis Health Visitors.

INSTITUTIONAL TREATMENT.

See appendix Tables.

See pages 88 and 92.

Venereal Diseases.

Seven deaths attributable to syphilis were registered during the year.

The Centres available for the treatment of venereal diseases are the Joint Committees Clinic, Newcastle, and the Auxiliary Centre at Preston Hospital, Tynemouth, and at the Health Department, for females and children.

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.	Tynemouth.	Other Centres.
Syphilis	7	1	18	—
Soft Chancre	—	1	1	—
Gonorrhoea	17	7	43	—
Conditions other than venereal	19	2	64	—
Total new cases from Tynemouth	43	11	126	—
Attendances	976	392	6696	—
In-patient days	31	—	153	—

The attendance at the Preston Hospital Clinic, and Health Department 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	126	51	27	204
Attendances (all cases)	6696	1847	760	9303

The sources from which specimens were sent during 1938, 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 Infirm- ary.	Other Centres	Private Practit- ioners.
Wasserman Reaction	74	13	181	12	3	34
Blood : —						
Cerebro Spinal Fluid	5	—	4	—	—	—
Microscopical	—	—	—	—	—	2
Genoc Infection	30	—	—	—	—	—
Cerebro Spinal Fluid						
Gen. Exam.	5	—	—	1	—	—
Totals ...	114	13	185	13	3	36

Maternity and Child Welfare Department.

WORK OF MIDWIVES.

Year.	Midwives.	Cases delivered by Mid-wives.	Medical aid summoned.	Stillborn.	Miscarriages.
1932	24	908	379	25	6
1933	26	827	447	23	4
1934	24	835	359	22	14
1935	22	816	459	23	14
1936	23	758	372	18	10
1937	26	690	379	13	14
1938	22	729	354	11	9

The midwives practising in the area attended 957 cases. In *228 of these cases the midwife was acting as a maternity nurse.

* 96 of these cases were in Tynemouth Victoria Jubilee Infirmary.

Midwives attended 66.03% of the total births.

There are 8 Municipal midwives engaged for domiciliary cases.

MEDICAL AID.

Medical Aid, in accordance with the rules of the Central Midwives' Board, was summoned during 1938 for the following reasons:—Illness of mother, 319; illness of child, 35.

BIRTHS IN RELATION TO SIZE OF HOUSE.

Year.	Nett Births.	No. Visited by Health Visitors.	BIRTHS IN APARTMENTS—NO. OF ROOMS.										No. of Infantile Deaths	Infantile Mortality Per 1000 Live Births
			1 Room	% To Total	2 Rooms	% To Total	3 Rooms	% To Total	4 Rooms	% To Total	5 Rooms & Over	% To Total		
1918	1471	1397	219	15.7	457	32.7	350	25.0	234	16.8	137	9.8	169	11.4
9	1613	1639	324	19.8	497	30.8	403	24.6	234	14.3	181	11.0	200	12.3
1920	1947	1989	480	24.8	643	33.1	407	21.0	240	12.3	169	8.8	180	9.2
1	1708	1654	461	19.8	523	30.8	323	24.6	199	14.8	148	11.0	176	10.3
2	1618	1456	431	29.7	445	30.5	272	18.7	170	11.7	138	9.4	130	8.0
3	1576	1469	474	32.3	454	30.9	267	18.2	190	12.9	84	5.7	138	8.7
4	1521	1454	488	33.6	420	28.9	268	18.4	182	12.5	96	6.6	132	8.6
5	1452	1366	453	33.2	423	31.0	222	16.2	182	13.3	86	6.3	139	9.5
6	1341	1248	389	31.2	372	29.8	202	16.2	197	15.8	88	7.0	100	7.4
7	1337	1249	391	29.2	369	27.6	216	16.2	162	12.1	111	8.3	104	7.7
8	1232	1164	338	29.0	349	30.0	243	20.8	153	13.1	81	6.9	108	8.6
9	1203	1117	288	23.9	355	29.5	236	19.6	145	12.0	93	7.7	115	9.5
1930	1280	1180	321	25.8	327	25.5	248	19.4	153	11.9	131	10.2	80	6.3
1	1276	1203	304	23.8	333	30.0	245	19.2	189	14.8	82	6.4	102	8.0
2	1238	1083	286	23.1	343	27.7	209	16.9	165	13.3	75	6.1	102	6.9
3	1135	968	260	22.9	293	25.8	215	18.9	129	11.4	73	6.4	96	8.4
4	1172	988	203	17.5	359	30.7	211	18.0	134	11.4	81	7.0	85	7.7
5	1201	1035	204	16.9	294	24.4	202	24.3	184	15.3	115	9.5	76	6.3
6	1209	1119	122	10.1	305	25.2	303	25.1	215	17.8	174	14.4	78	6.5
7	1087	981	82	7.5	249	22.9	309	28.4	213	19.6	128	11.8	72	6.6
8	1104	1015	63	5.7	254	23.0	355	33.1	191	17.3	142	12.8	67	6.1

ANTE-NATAL CLINIC—THE CARE OF EXPECTANT MOTHERS.

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

The following table indicates the extent of ante-natal medical care undertaken during 1938:—

PATIENTS ATTENDING ANTE-NATAL CLINICS, 1938.

Number of new cases sent to the Clinics by Midwives ...	663
" " " Doctors ...	178*
Total ...	841

* The 178 patients seen by doctors at the Tynemouth Victoria Jubilee Infirmary Clinic, made 296 attendances.

Average number visits per patient	...	...	2.47
Total visits paid to Ante-Natal Clinics by patients			2,076

The abnormalities found were:—

Varicosities	...	...	...	...	68
Albuminuria	...	...	...	...	19
Vaginal Discharge	...	...	...	...	35
Malpresentation	...	...	...	...	11
Malformation of Pelvis	...	...	...	...	5
Heart Disease	...	...	...	...	4
Lung Disease	...	...	...	...	8
Anaemia	...	...	...	...	24
Constipation	...	...	...	...	118
Teeth	...	...	...	...	149
Other Conditions	...	...	...	...	38
Haemorrhage	...	...	...	...	6
					485

Eighty-six patients suffered from two or more abnormalities.

Since the institution of the Municipal Ante-Natal Clinic, letters indicating serious major abnormalities in a patient have been sent to the patient's own doctor, and during the year, the number of such notifications sent to private practitioners was 44.

The remainder of the patients who were examined at the Municipal Clinic and who were discovered to be suffering from minor conditions were either given advice, referred to their own medical attendant, or a record for medical help was sent by the midwife to the patient's own doctor.

POST NATAL CLINIC.

During the year, 35 patients attended the Post-Natal Clinic, and many more were advised by the Maternity and Child Welfare Medical Officer at the Child Welfare Clinic.

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

The total number of births notified during the year was 1,179 including 45 still-births, 122 outward transfers (which includes 7 still-births). Of the total births 59 were notified by medical men, 945 by midwives and 175 by parents and others. 17 births were found not to have been notified, but these were 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 1015 and of these 63 births occurred in houses of one apartment, 254 in houses of two apartments, 365 in houses of three apartments, 191 in houses of four apartments and 142 in houses of five apartments and over.

5,566 re-visits were made to infants under one year and 14,593 to children from one year to five years of age, making a total of 20,159 re-visits. The total number of first visits and re-visits was 21,174 made up of 1,015 first visits and 20,159 re-visits. In addition 278 ante-natal visits were paid.

The following table shows the numbers of children on the register and the number of re-visits made during the year 1938, in each age group. (Nett births in the area in 1938 numbered 1104.)

	Number on Register in December, 1938.	Number of re-visits made during 1938.	No. receiving Medical Inspection at the M. & C.W. Centre.	No. of attendances for Medical Inspection, during the year.
0—1 year	603	5566	1053	5557
1—2 "	983	3884	857	2698
2—3 "		4040		
3—4 "		3784		
4—5 "		3885		

Still-births.

The number of still-births registered in the Borough, as given by the Registrar General, was 40. Included in this number was 5 illegitimate still-births.

Frater Maternity Home.

During the year 88 cases were admitted, 87 confinements. Of these births 3 were still-births. The births included 41 Males and 46 Females. The average duration of residence was 13.9 days. Medical Aid was requisitioned in 36 instances (35 for mothers and 1 for babies).

There were no infantile deaths during the year.

Patients are subjected to routine bacteriological examinations (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) Public Health Department, Ante-Natal Clinic (Municipal), Post-Natal Clinic (Municipal), Ante and Post Natal Consultant Service.
 - (a) Preston Hospital—Ante-Natal Beds, Post-Natal Beds, Ante and Post Natal Consultant Service, Operative Facilities.
 - (b) Tynemouth Victoria Jubilee Infirmary—Ante-Natal Clinic (Voluntary), Ante and Post-Natal Consultant Service, Beds for complicated Maternity Cases, Operative Facilities.
- (3) Laboratory Service for bacteriological examinations.
- (4) Supply of prophylactic and therapeutic sera.
- (5) Medical Aid under Midwives' Act, 1918,

MATERNAL MORTALITY.—

Maternal deaths: 5; Maternal Mortality: 4.53 per 1,000 live births.

Maternal Mortality according to the Registrar General's returns this year is 4.53 per 1,000 live births.

It will be realised that in a Borough the size of Tynemouth any slight increase in the number of maternal deaths results in a large variation in the maternal mortality rate.

The following table shows the number of Maternal Deaths occurring in the Borough compared with the Maternal Mortality of England and Wales, during the past 10 years.

Year.	Births.	Birth Rate.	Tynemouth England & Wales		
			No. of Maternal Deaths. (R.G.)	Maternal Mortality per 1,000 live births.	Maternal Mortality per 1,000 live births.
1929	1203	18.26	4	3.32	5.82
1930	1280	19.41	10	7.81	5.59
1931	1276	19.71	5	3.91	5.55
1932	1238	18.66	5	4.04	5.37
1933	1135	17.25	6	5.28	5.94
1934	1172	17.77	5	4.26	5.85
1935	1201	17.38	3	2.49	4.10
1936	1209	18.10	4	3.31	3.81
1937	1087	16.25	2	1.84	3.23
1938	1104	16.6	5	4.5	3.08
Average	1190	17.99	4.9	4.12	*4.83

*mean of 10 years.

MATERNITY MEDICAL SERVICES PROVIDED DURING THE YEAR 1938.

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.
DURING PREGNANCY.					
Medical Services ...	76	2076	...	...	2152
Consultant Services	...	...	12	...	12
Hospital or Operative treatment ...	...	...	15	...	15
Bacteriological examination ...	...	...	150	..	150
DURING LABOUR.					
Medical Services ..	190	...	...	...	190
Consultant Services	...	...	...	...	...
Hospital or Operative treatment ...	...	...	12	...	12
Bacteriological examination ...	...	...	...	...	...
Serum Therapy ...	...	...	...	...	...
DURING PUERPERIUM.*					
Medical Services ...	53	...	...	...	53
Consultant Services	...	...	...	...	...
Hospital or Operative treatment ...	...	...	7	16	23
Bacteriological examination ...	...	...	...	..	...
Serum Therapy ...	...	..	...	2	2
Totals ...	319	2076	196	18	2609

*Includes cases of Puerperal Pyrexia.

88 patients were admitted to the Frater Maternity Home during the year 1938.

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

35 babies received medical treatment under the Midwives' Acts.

The total births registered as belonging to the Borough during 1938 numbered 1,104 (which includes 92 inward transfers).

PUERPERAL PYREXIA REGULATIONS.

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

For notifications during 1938 see pages 93 and 94.

MILK (MOTHERS AND CHILDREN) ORDER.

A Milk Depot is administrated by the Local Authority with the assistance of voluntary workers to whom I am indebted for their help.

Dried milk has been supplied free, or at less than cost price, in 467 cases.

No. of persons receiving milk at less than cost price	417
*No. of persons receiving milk free	17
No. of lbs. distributed at less than cost price ...	7,048
No. of lbs. distributed free	167

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

The expenditure on Dried Milk during the year amounted to £404 6s. od.

The total amount of Dried Milk distributed at the Milk Depot during the year was 29,008 lbs.

During the year the following was distributed to expectant mothers on behalf of the Joint Council of Midwifery:—

Ostermilk		1975 lbs.
Colact		966 lbs.
Yeast Extract		509 cartons.
Sterilised Dressings		217

INFANT LIFE PROTECTION.

The Infant Life Protection Visitor, is a member of the staff of the P.A.C., and works in close co-operation with the Health Visitors and School Nurses of the Local Authority. During the year 53 visits were paid by the visitor.

The following notices were received during the year:—

Reception of Nurse Child	...	...	...	2
Change of Address	...	...	...	—
Return to parent	...	...	...	2
Removed to another area	...	...	...	1
Adoption	...	...	...	—
Reached the age of 9 years	...	...	...	1

At the end of the year there were no children on the register.

NURSERY SCHOOLS.

The North Shields Nursery School which was opened in 1933 has places for 80 children and the total attendances of children to this nursery during the year was 29,512.

The Sir James Knott Memorial Nursery School, Percy Square, Tynemouth, was opened on 27th September, 1937. Places are provided for 80 children and the total attendances for the year was 27,667.

The Maternity and Child Welfare Medical Officer acts as Hon. Medical Officer to the Nursery Schools.

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	5	5	5	1*
(2) Pemphigus Neonatorum	—	12	10	—
(3) Puerperal Pyrexia ...	19	10	—	16
(4) Measles and German Measles (in children under 5 years of age) ...	—	—	—	—
(5) Whooping Cough (do.)	—	—	—	—
(6) Epidemic Diarrhoea (do)	—	6	—	3
(7) Poliomyelitis (do.) ...	—	—	—	—

Particulars of infectious diseases affecting mothers and children, will be found on pages 30, 31 and 32.

* Home Nursing after Discharge.

REPORT ON CLINICAL WORK.

Dr. Margaret B. Steel.

CHILD WELFARE CLINICS.

Three Clinics per week have been held during the past year, for the weighing of children, whilst consultations concerning health and the feeding of children have been given, together with general advice and instruction to mothers.

There were 1,053 children under one year, who made 5,557 attendances; 857 children over one year, who made 2,698 attendances, totalling 1,910 children making 8,255 attendances. The average weekly attendance was 165 as compared with 150 for the previous year.

The second year of life still provides the majority of cases of ill-health, rickets being responsible in most cases. Calcium deficiency and anaemia are prevalent during the winter months. A large proportion of the children over one year develop dental caries following on rickets. These cases of dental caries have been dealt with effectively at the Tynemouth Victoria Jubilee Dental Clinic.

Treatment required for ear, nose and throat conditions and defective vision has been given by the School Medical Officer and the Tynemouth Victoria Jubilee Infirmary. Children requiring minor operations or any surgical treatment are also referred to the Out-Patient Department of the T.V.J.I.

Many cases of ill-health have derived great benefit from regular attendance at the Ultra-Violet Light Clinics, these Clinics being held twice per week. During the past year 62 cases made 967 attendances.

The conditions treated were:—

Rickets	...	...	...	...	...	...	31
Debility and Anaemia	...	...	...	...	...	...	25
Debility following Infectious Disease	...	...	...	...	...	...	1
Rachitic	...	...	...	...	...	...	3
Marasmus	...	...	...	...	...	...	1
Alopecia	...	...	...	...	...	...	1

The tonic effect of sunlight upon the children treated has resulted in a general increase in appetite and energy and gains in weight.

Several children suffering from debility following infectious diseases in the second year of life, and others who have acquired irregular dietary habits through illness or lack of proper training in their homes, have been referred to the Nursery Schools, where a

marked improvement in the general condition of these children has become apparent, due to regular meals and rest intervals, and training on the part of the Nursery School Teacher.

ANTE-NATAL CLINICS.

Ante-Natal Clinics were held daily at the Health Department, the Municipal Midwives attending on set days with their own patients.

663 cases attended during the year.

Cases were kept under observation, and any abnormality was reported immediately to the patient's own doctor, the number of such notifications sent to private practitioners during 1938 was 44.

During the last three months of pregnancy, necessitous cases were granted free milk foods and dressings, these being provided by the Joint Council of Midwifery through the National Birthday Trust Fund, and the patients concerned greatly benefitted from such supply. There was also a special distribution of Blankets as a Christmas Gift from the same source.

The Milk Depot administered by the Local Authority, and assisted by Voluntary Workers continued its activities during the year, supplying dried milk foods at cost price and under, to nursing mothers or children under one year of age; and whereas breast feeding has been encouraged as much as ever possible it has been found necessary in many cases to grant the nursing mother a supply of dried milk so that breast feeding could be maintained. Food accessories have also been provided at cost prices.

The Invalid Children's Aid Society have continued to give us a grant of Virol, Numol, Cod Liver Oil, and Malt, etc., for necessitous children.

During the Ante-Natal Clinical Sessions, the Municipal Midwives prepare their own dressings for use at confinements in the patient's own home,

POST-NATAL CLINICS.

The Post-Natal Clinic established in 1937 has continued and during the year 35 patients attended for advice. Any abnormalities found were reported to the patient's own doctor, as in the case of patients attending the Anti-Natal Clinics. Whilst the above number is not a large one, many patients seek advice regarding themselves when attending with their babies at the Child Welfare Clinics.

There are eight midwives engaged by the Local Authority under the Midwives' Act, 1936. A regular inspection of their equipment is maintained.

Sanitary Inspection of the Borough.

By C. A. MURRAY, Senior Sanitary Inspector.

Public Health Department,
Tynemouth.

June, 1939.

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 1938.

Slum Clearance, Deinfestation and removal of tenants has been carried on according to programme, despite the pressure of other work. The Overcrowding Provisions of the Housing Act continues to make a considerable cail on the services of the staff and warrants additional staff, if attention to routine duties is to be maintained.

The Factories Act, 1937, which came into force on the 1st July, 1938, makes an additional call on the services of the Department.

In conclusion, may I take this opportunity of thanking the Health Committee and all colleagues for their support and keen interest in all work undertaken during a period of great difficulty.

I have the honour to remain,

Your obedient servant,

C. A. MURRAY.

Senior Sanitary Inspector.

FACTORIES, WORKSHOPS AND WORKPLACES.

Report on the administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901 on 1st July, 1938).

INSPECTIONS for purposes of provisions as to health.

Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections (2)	Written Notices. (3)	Occupiers prosecuted. (4)
Factories with mechanical power ...	100	5	Nil.
Factories without mechanical power ...	71	8	Nil.
Other Premises under the Act (including works of building and engineering construction but not including out- workers' premises)	4	—	Nil.
Total	175	13	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.

Particulars. [1]	NUMBER OF DEFECTS.			No. of defects in respect of which Prosecutions were instituted. [5]
	Found. [2]	Remedied. [3]	Referred to H.M. Inspector [4]	
Want of cleanliness [S.1] ..	2	2	Nil.	Nil.
Overcrowding [S.2]	—	—	Nil.	Nil.
Unreasonable temperature [S.3] ...	—	—	Nil.	Nil.
Inadequate ventilation [S.4] ...	1	1	Nil.	Nil.
Ineffective Drainage of floors [S.6]	—	—	Nil.	Nil.
Sanitary Conveniences [S.7] {	Insufficient	2	2	Nil.
	unsuitable or defective	13	13	Nil.
	not separate from sexes	1	1	Nil.
Other offences	2	2	Nil.	Nil.
[Not including offences relating to Home Work or Offences under the Sections mentioned in the Schedule to the Ministry of Health [Factories and Workshops Transfer of Powers] Order 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.]				
Total	21	21	Nil.	Nil.

There are on the register, 194 factories, 77 with mechanical power and 117 without mechanical power.

Outworkers.

During the year 1 notice under Section 110 of the Factories Act, 1937, was received. The premises were inspected and found to be in a satisfactory condition.

Means of Escape in Case of Fire.

Under the provisions of Section 34 (1) factories of certain categories are now required to be certified by the Council as having adequate means of escape in case of fire. Five Certificates were issued during the year.

List of Factories and Workshops on the Register at the end of the Year.

Basket Maker ... 1	Hosier ... 1	Rag Sorter ... 1
Bakers ... 29	Ice Manufacturers ... 2	Rope Maker ... 1
Builders ... 4	Jeweller ... 1	Saddler ... 2
Blacksmiths ... 3	Joiners ... 16	Salt Packers ... 3
Cabinet Maker ... 1	Laundries ... 3	Scale Maker ... 1
Cartwright ... 1	Lead Manufacturer ... 1	Sculptor ... 1
Coffee Grinders ... 2	Milliners ... 3	Shoe Makers ... 4
Coach Builders ... 1	Metal Founders ... 2	Sheet Iron Worker ... 1
Coach Painters ... 2	Mineral Water Manufacturer ... 2	Skin Cleaner ... 1
Coppersmith ... 1	Motor Engineers ... 5	Sugar Boiler ... 1
Compass Adjuster ... 1	Net Makers ... 3	Sawmills ... 2
Dress Makers ... 5	Oil and Guano Manufacturer ... 1	Sausage Maker ... 1
Dyer ... 1	Photographers ... 3	Tripe Preparer ... 1
Engineers ... 9	Plumbers ... 8	Tailors ... 12
Firewood Manufacturers ... 1	Paint Manufacturer ... 1	Timber Merchants ... 5
Funeral Furnisher ... 2	Pickle Manufacturers ... 1	Tinsmiths ... 5
Fish Curers ... 26	Printers ... 5	Upholsterers ... 1
Gas Manufacturer ... 1		Metal Stockholders ... 1
Glazier ... 1		Total ... 194

INSPECTION AND SUPERVISION OF FOOD.

Slaughterhouses.

The following Table shows particulars of all private slaughterhouses in the Borough at the end of 1938.

Definition.	No. of Slaughterhouses.
Registered	3
Licenced	15
Total	18

The number of Butchers using these slaughterhouses is 22.

Public Health (Meat) Regulations, 1924.

The following summary shows the work carried out under the above regulations:—

	Number of Visits.
(a) Slaughterhouses ...	906
(b) Butchers' shops ...	559
Total	1,465

As a result of these inspections 158 separate instances of diseased and unsound conditions were discovered and the carcasses and organs were condemned and destroyed. For full details see Table on pages 62 and 63.

The amount of meat found unfit shows increase over last year's figures.

In 1 case the meat was seized but in all the other cases the meat was voluntarily surrendered.

Sundry breaches of the Regulations were dealt with from time to time as they occurred, but on the whole the Regulations were well observed. For report on case of illicit gut-scraping see Offensive Trades.

The number of carcasses inspected is about two-thirds of the number of animals killed in the Borough.

It is not possible to carry out ante mortem inspection of any of the animals slaughtered.

NUMBER OF ANIMALS SLAUGHTERED IN THE BOROUGH IN 1938.

	Beasts	Calves	Sheep	Pigs	Goats	Total
Private Slaughterhouses.	1126	85	7129	1387	Nil.	9,827

NUMBER OF CARCASSES WITH ORGANS CONDEMNED.

Condemnations due to Tuberculosis.

Animals.	Whole Carcasses		Part Carcasses	
	Number	Weight	Number	Weight
Bovines	2	1,260 lbs	3	637 lbs
Pigs	2	521 lbs	3	473 lbs
Sheep	—	—	—	—
Totals	4	1,781 lbs	6	1110 lbs

Condemnations due to Other Defined Diseases.

Animals.	Whole Carcasses.		Part Carcasses.	
	Number.	Weight.	Number.	Weight.
Bovines	...	...	1	30 lbs
Pigs	1	90 lbs	...	...
Sheep	...	...	...	...
Totals	1	90 lbs	1	30 lbs

Condemnations of Offal.

Animals.	Tuberculosis		Other Conditions	
	Condem-nations	Weight	Condem-nations	Weight
Bovines	18	308 lbs	14	144 lbs
Pigs	37	499 lbs	14	90 lbs
Sheep	...	...	...	...
Totals	55	807 lbs	28	234 lbs

OTHER FOODS INSPECTION.

There has been an increase in the quantity of food condemned this year as against 1937.

There have been no prosecutions as in all cases the food condemned was voluntarily surrendered. All unsound condemned foodstuffs are disposed of at a factory where they are utilized in the manufacture of manure, fertilizers etc.

Fish.

During the season a large number of boats are engaged in herring fishing and the catches are usually landed and dealt with the same day. All catches are dealt with at the Corporation Fish Quay and the quality of fish landed has been well maintained.

Mr. Tom MacKenzie, Fish Quay Master, has kindly placed at my disposal figures showing the volume and value of the trade done during the year 1938.

The following are the particulars:—

White Fish	...	329,985 cwts.,	...	£385,505
Herrings	...	43,427 crans,*	...	£52,087
Salmon and Trout	...	59,938 lbs.,	...	£6,039

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

FOOD CONDEMNED.

Food.	Tons.	Cwts.	Qrs.	Lbs.
Beef	1	1	—	27
Pork	—	14	3	21
Fish	13	16	—	10
Shellfish	2	7	1	15
Canned Meats	1	1	2	10
Ham	—	3	2	10
Totals	19	4	3	7

MILK SUPPLIES.

There were 15 cowkeepers with 31 cowsheds, housing 285 cows on the Register at the end of the year. One cowshed was enlarged and improved.

On the 1st April, the duties of Veterinary Inspection were transferred to the Ministry of Agriculture and Fisheries, who are now responsible for the supervision of milch cows in the Borough. I would like to pay tribute to the excellent manner in which Mr. Thomas Harper, the former Veterinary Inspector has carried out this work during the time I have been connected with the Department, and his good advice and willingness to help at all times. It is to be regretted that Mr. Harper's thirty-one years' service with the Corporation could not be continued on its former basis, but I am pleased to report that he is retained on the panel of Veterinary Inspectors of the Ministry of Agriculture and Fisheries and that he is occasionally called upon to carry out work within the Borough.

During the year, all the herds of the farmers licensed to produce "Accredited" milk were examined four times, and the herds of the producers of ordinary milk received two routine visits and five farms received special visits. As a result of these inspections, 14 cows were slaughtered under the Tuberculosis Order, 1938. This number includes 6 animals discovered to be affected as a result of milk sampling.

493 visits were made to cowsheds, dairies, milk shops, etc., and all infringements of the Milk and Dairies Acts and Orders, namely 30, were dealt with satisfactorily.

Consignments of milk coming into the Borough by road or rail received attention; also the condition of the empty churns returned.

Owing to pressure of work, it is not possible to take a census of the milk consumption as in 1936 and 1937.

MILK FOR EXAMINATION FOR TUBERCLE BACILLI.

103 samples of milk were taken for examination, 51 were from sources within the Borough and 52 from outside sources.

6 of the samples disclosed the presence of tubercle bacilli.

The Veterinary Inspector subsequently examined the herds of the farms affected and as a result 6 animals were removed from the herds and slaughtered under the Tuberculosis Order, 1925-38,

Retail Purveyors of Milk.

Applications for registration received	...	...	...	...	18
Applications for registration granted	...	...	...	...	18
Number of milk dealers on the register	...	...	...	...	193
Dairy premises registered during the year	...	...	...	...	2
Producers and cowkeepers, wholesale dealers registered during 1938	...	...	...	...	Nil
Applications withdrawn	...	...	...	...	Nil
Retailers relinquishing registration	...	...	...	...	5

Graded Milk—Licenses Granted.

Dealers' licenses to sell Tuberculin Tested Milk	...	...	...	...	3
Supplementary licenses to sell Tuberculin Tested Milk	...	...	...	...	7
Producers licenses for Accredited Milk	...	...	...	...	4
Supplementary licenses for Accredited Milk	...	...	...	...	3
Dealers' licenses to sell Accredited Milk	...	...	...	...	1
Dealers' licenses to sell Pasteurised Milk	...	...	...	...	15
Dealers' licenses to bottle Tuberculin Tested Milk	...	...	...	...	4
Dealers' licenses to bottle Accredited Milk	...	...	...	...	4

Samples Taken.

There were 61 samples submitted for examination at the Bacteriological Department of the Durham College of Medicine and of this number 46 were Designated Milks under the Milk (Special Designations) Order, 1936 and the remaining 15 were Undesignated milks.

The results are below:—

DESIGNATED MILK.

Designation.	Total Samples Taken.	A Methylene Blue Reduction Test.		B. Coliform Test.		Pasteurised Milk Total number of organisms per c.c.	
		S.	Not S.	S.	Not S.	Under 100,000	Over 100,000
Tuberculin Tested	5	5	—	3	2	—	—
Accredited	22	22	—	20	2	—	—
Pasteurised	19	—	—	—	—	14	5
Total	46	27	—	23	4	14	5

S = Satisfactory.

ORDINARY MILK.

Total Number of Organisms per c.c.

Total Samples taken	Under 1000	1000 5000	5000 30,000	30,000 100,000	100,000 200,000	over 200,000	B.Coli.T	
							+	-
15	—	1	3	2	4	5	13	2

TYNEMOUTH CORPORATION ACTS, 1916—1934.

Regulations made under the Acts are in force and no person is permitted to use premises for the preparation of food unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

There are 96 persons in the Borough registered as occupiers of premises in which Ice Cream is sold or manufactured and 98 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared. The figures do not include the premises used for the business of fish and potato frying.

Number of inspections made of premises used for:—

Sale and Manufacture of Ice Cream	7
Sale and Manufacture of Other Foods	80

MERCHANDISE MARKS ACT, 1926.

There are approximately 620 shops and other places which come within the scope of this Act, which provides for the marking of imported foodstuffs (fresh apples, butter, currants, raisins, sultanas, eggs, raw tomatoes and honey etc.) Some 116 visits of inspection were made under this Act, and except in comparatively few instances the origin of the produce was found to be indicated.

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 ...	126	Nil.
CREAM ...	—	Nil.
TINNED CREAM ...	4	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.

Chemical Analyses.

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

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

Table I.

Samples Taken.

Articles Analysed	Total	No. of samples taken for analysis.		No. found Adulterated.		Percentage Adulterated.	
		In-formal	Formal	In-formal	Formal	In-formal	Formal
New Milk ...	106	1	195	...	12	...	11.32
Pasteurised Milk ...	10	1	9	...	...	...	...
Sterilised Milk ...	10	...	10	...	...	...	...
Vinegar ...	4	3	1	1	...	25.0	...
Lard ...	10	10	...	...	...	...	...
Cheese ...	6	6	...	...	...	...	...
Butter ...	6	6	...	...	...	...	...
Margarine ...	3	3	...	...	...	...	...
Tinned Cream ...	4	4	...	...	...	...	...
Tea ...	4	4	...	...	...	...	...
Condensed Milk ...	8	8	...	...	...	...	...
Liquorice Powder ...	2	2	...	...	...	...	...
Zinc Ointment ...	2	2	...	...	...	...	...
Boracic Ointment ...	2	2	...	...	...	...	...
Jam ...	3	3	...	...	...	...	...
Gregory Powder ...	2	2	...	...	...	...	...
Baking Powder ...	5	5	...	...	...	...	...
Sausage ...	2	2	...	...	...	...	...
Sugar ...	1	1	...	...	...	...	...
Self Raising Flour ...	1	1	...	...	...	...	...
White Pepper ...	3	3	...	...	...	...	...
Dripping ...	2	2	...	1	...	50.0	...
Rice ...	4	4	...	...	...	...	...
Tapioca ...	5	5	...	...	...	...	...
Sild ...	9	9	...	...	...	...	...
Coffee and Chicory ...	2	2	...	...	...	...	...
Sherry ...	1	1	...	...	...	...	...
Ruby Wine ...	1	1	...	...	...	...	...
Cocoa ...	2	2	...	...	...	...	...
Sardines ...	1	1	...	...	...	...	...
Oatmeal ...	1	1	...	...	...	...	...
Arrowroot Biscuits ...	1	1	...	...	...	...	...
Tinned Carrots ...	1	1	...	...	...	...	...
Turkey & Tongue ...	2	2	...	...	...	...	...
Veal, Ham & Tongue ...	2	2	...	...	...	...	...
Sultanas ...	2	2	...	...	...	...	...
Cherries [Glaze] ...	1	1	...	...	...	...	...
Lobster Paste ...	1	1	...	...	...	...	...
Asparagus ...	1	1	...	...	...	...	...
Honey ...	1	1	...	...	...	...	...
Preserved Fruit ...	2	2	...	...	...	...	...
MacClean Powder ...	2	2	...	...	...	...	...
	238	113	125	2	12	1.78	9.6

Public Health (Condensed Milk) Regulations, 1923—1927.

8 samples were examined 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.

55 samples were examined under these Regulations.

PARTICULARS OF ADULTERATED SAMPLES.

TABLE II.

No.	Articles.	Defect.	Action taken.
20	New Milk.	4% deficiency in Milk Fat.	Letter of Caution from Town Clerk to Vendor and Supplier.
22	New Milk.	11.49% deficiency in Non-Fatty Solids.	Letter of Caution from Town Clerk to Vendor and Supplier.
26	New Milk.	12% deficiency in Non-Fatty Solids and 4.3% deficiency in Milk Fat.	Letter of Caution from Town Clerk to Vendor and Supplier.
27	New Milk.	13.6% deficiency in Non-Fatty Solids.	Letter of Caution from Town Clerk to Vendor and Supplier.
28	New Milk.	13.8% deficiency in Non-Fatty Solids.	Letter of Caution from Town Clerk to Vendor and Supplier.
30	New Milk.	12.3% deficiency in Milk Fat.	Letter of Caution from Town Clerk to Vendor and Supplier.
117	New Milk.	2.7% deficiency in Non-Fatty Solids.	Letter of Caution from Town Clerk to Vendor and Supplier.
120	New Milk.	0.2% deficiency in Non-Fatty Solids.	Letter of Caution from Town Clerk to Vendor and Supplier.
132	New Milk.	10.3% deficiency in Milk Fat.	Supplier and Vendor appeared before Health Committee. Letter of Caution sent from Town Clerk to Vendor and Supplier. Follow-up sample No. 136.

No.	Article.	Defect.	Action taken.
136	New Milk.	3.0% deficiency in Non-Fatty Solids.	Follow-up samples of No. 132. Supplier & Vendor appeared before Health Committee. Letter of Caution from Town Clerk to Vendor and Supplier.
155	Dripping.	0.76% excess Free Fatty Acids.	Letter of Caution from Town Clerk to Vendor.
158	New Milk.	34.0% deficiency in Milk Fat.	Retailer prosecuted. Fined One Pound and 11/7 Costs. Follow-up sample No. 168 satisfactory.
159	New Milk.	15.5% deficiency in Non-Fatty Solids.	Retailer appeared before the Health Committee. Letter of Caution from Town Clerk to Vendor and Supplier. Follow-up sample No. 169 satisfactory.
183	Vinegar.	5.7% deficiency in Acetic Acid.	Letter of Caution from Town Clerk to Vendor.

Bakehouses.

There are 49 premises on the Register. These have been inspected regularly and it has not been necessary to serve any notices for limewashing during the year.

SHOPS ACT, 1934. (SECTION 10).

The provisions of the above section relate to the Health and comfort of shop assistants.

During the year 110 visits of inspection were made.

Number of Notices Served.

DEFECT	NOTICES SERVED	WORK CARRIED OUT
Want of sanitary conveniences ...	1	1
Want of washing accommodation	5	4
Insufficient means of heat and ventilation	—	—
Lighting	2	1

During the year 3 certificates of Exemption were granted to occupiers of lock-up shops and other persons where there were no sanitary conveniences owing to restricted accommodation. In these cases alternative accommodation was arranged.

RAG FLOCK ACTS, 1911 and 1928.

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

SLAUGHTER OF ANIMALS ACT, 1933.

There are 80 Licensed slaughtermen in the Borough.

No infringement of the Regulations concerning the above Act came to the notice of the Department during the year. The stunning of sheep is not carried out in the Borough.

PUBLIC HEALTH (SMOKE ABATEMENT) ACT, 1926.

Eight observations were made during the year and in two instances black smoke was emitted in excessive quantities. The premises were visited and the cause of the smoke investigated, and it was found that the plant was in order and that the nuisance resulted from careless stoking. Verbal warning was given in each case with satisfactory results.

SEAMENS' AND COMMON LODGING HOUSES.

At the end of the year there were 5 Seamen's and 2 Common Lodging Houses on the Register. Total number of beds contained therein, 160. During the year 1 Common Lodging House was closed due to Slum Clearance.

22 visits of inspection were made during the year and no cause for complaint was found at the time of inspection. The Chief Constable has also had inspections made and has found everything satisfactory.

At the end of the year, the Tyne Sailors' Home closed down due to lack of support. This institution provided 72 beds (not included in the above figures) together with recreation facilities.

OFFENSIVE TRADES.

The premises at which Offensive Trades are carried on have been frequently visited and inspected, and the Regulations have been strictly enforced. During the year, it was necessary to institute a prosecution against a Butcher for Gut Scraping on unlicensed premises, namely a shed at the rear of his premises. The butcher concerned was fined five pounds.

The following is a list of the Offensive Trades registered in the Borough:—

Tallow Melting	...	...	...	...	1
Fish Liver Boiling	...	...	...	...	1
Fish Meal Manufacture	...	...	...	...	1
Tripe Boiling	...	...	...	...	5
Fish Manure Manufacture	...	...	...	...	1
Gut Scraping	...	...	...	...	3
Fish and Potato Frying	...	...	...	...	33
Total	...	...	...	...	45

During the year 2 Fried Fish Shops were closed down. 2 licences were transferred to new premises; 1 application for a new licence was deferred; and 3 licences were transferred to fresh occupiers.

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 following shows the various tests which were carried out during the year:—

Smoke Tests ...	...	...	...	...	49
Chemical Tests ...	...	...	...	...	63
Water Tests ...	...	...	...	...	39
Total ...	...	...	...	...	151

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 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 results ascertained were that 229 rats and 140 mice were destroyed.

Rat traps are available at the Health Department and were on loan to 54 persons making application for them during the year.

SCHOOLS.

There have been no complaints received of inadequate ventilation, sanitation or drainage at any of the schools. There are 23 schools in the Borough (this figure includes 2 Nursery Schools) under the control of the Tynemouth Education Authority and the structures are under the supervision of Mr. J. H. Forsyth, the Clerk of Works.

Housing.

HOUSES ERECTED DURING 1938.

WARD.	NUMBER OF ROOMS.							Total
	1	2	3	4	5	6	7 & over	
Chirton ...	...	...	16	...	22	4	...	42
Collingwood ...	...	...	84	58	...	...	...	142
Cullercoats ...	...	...	...	4	16	...	...	20
Dockwray ...	...	...	28	...	8	...	...	36
Percy ...	...	...	184	48	52	...	...	284
Preston ...	...	...	10	13	2	4	...	29
Tynemouth ...	...	5	45	85	2	29	3	169
Totals ...	...	5	367	208	102	37	3	722

Of the above 228 three-roomed dwellings, 48 four-roomed dwellings, 80 five-roomed dwellings and 4 six-roomed dwellings were provided under the Corporation Housing Scheme.

NEW HOUSES ERECTED DURING 1938.

(A.) Total Number of Houses Erected—722.

(1) By the Local Authority ...	...	...	...	...	360
(2) By other Local Authorities ...	...	...	...	...	0
(3) By other Bodies and Persons ...	...	...	...	...	362

(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 ...	Nil.
(d) Housing Act, 1936 ...	360

The above information has been supplied by the courtesy of the Borough Surveyor.

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)	852
(b) Number of inspections made for the purpose	4311
(2) (a) Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925-32	
(b) Number of inspections made for the purpose	...
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	421
(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	96

11.—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	...	...	...	...	...	...	344
--	-----	-----	-----	-----	-----	-----	-----

III.—Action under Statutory Powers during the year.

(A.) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which notices were served requiring repairs	...	...	...	...	103
(2) Number of dwelling houses which were rendered fit after services of formal notices :—					
(a) By owners	...	...	...	...	79
(b) By Local Authority in default of owners	...	...	...	...	—

(B.) Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	44
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners	30
(b) By Local Authority in default of owners	3

(C.) Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	...	...	9
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	...	...	12

(D). Proceedings under Section 12 of the Housing Act, 1936.

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

HOUSING ACT, 1936—PART IV—OVERCROWDING.

(A.) (1) Number of dwellings overcrowded at the end of the year

(2)	Number of families dwelling therein	...	...	...	1,472
(3)	Number of persons dwelling therein	...	...	...	*7,719

(B.) Number of new cases of overcrowding reported during the year

(C.) (1) Number of cases of overcrowding relieved during the year

(2) Number of persons concerned in such cases	...	...	*1,903
---	-----	-----	--------

(D.) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding

* Units as per Housing Act 1936.

* Units as per Housing Act 1936.

HOUSING ACT, 1936.
OVERCROWDING SUMMARY. - 31st December, 1938.

WARD	PRIVATE.				SLUM.				CORPORATION.				TOTAL			
	TENANTS.				TENANTS.				TENANTS.				TENANTS.			
	Total	Un- cr'ded	Over- cr'ded	Per- cent.	Total	Un- cr'ded	Over- cr'ded	Per- cent.	Total	Un- cr'ded	Over- cr'ded	Per- cent.	Total	Un- cr'ded	Over- cr'ded	Per- cent.
Chirton ...	962	925	37	3·8	80	57	23	28·7	943	894	49	5·1	1985	1876	109	5·4
Collingwood	1079	967	112	10·3	49	32	17	34·6	341	336	5	1·4	1469	1335	134	9·1
Callercrofts...	1218	1169	49	4·0	70	50	20	28·5	46	45	1	2·1	1334	1264	70	5·3
Dockway ...	1884	1627	257	13·6	376	283	93	24·7	111	109	2	1·8	2371	2019	352	14·8
Linskill ...	1979	1816	163	8·2	328	239	89	27·1	21	21	...	...	2328	2076	252	10·8
Percy ...	809	755	54	6·6	42	40	2	4·7	1247	1225	22	1·7	2098	2020	78	3·1
Preston ...	1670	1605	65	3·9	24	18	6	25·0	5	4	1	20·0	1699	1627	72	4·3
Trinity ...	2395	2059	336	14·0	42	32	11	25·5	7	7	...	...	2445	2098	347	14·2
Tynemouth...	995	954	41	4·1	49	36	13	26·5	60	56	4	6·6	1104	1046	58	5·3
TOTALS ...	12991	11877	1114	8·6	1061	787	274	25·8	2781	2697	84	3·0	16833	15361	1472	8·74

The following table shows the distribution of families (excluding those in Corporation-owned houses), as far as can be ascertained.

Number of families living in	Private.	Slum.	Total.
1 room	663	307	970
2 rooms	2,246	518	2,764
3 rooms	3,362	222	3,584
4 rooms	3,135	76	3,211
5 rooms	2,315	17	2,332
6 rooms	742	—	742
7 rooms	323	—	323
8 rooms	223	1	224
9 rooms	108	—	108
10 rooms and over ...	52	—	52
Totals	13,169	1,141	14,310

It should be borne in mind that these figures include a considerable number of tenemented properties where the number of rooms let to one family varies from one tenancy to another.

The Table of figures relating to the above Act, see p. 74, have been compiled from the records of overcrowded properties situate in the Borough. Every effort has been made to keep the records up to date, but with the limited staff available, it would be impossible to administer the Act with any efficiency unless additional staff is appointed.

The relative proportion of overcrowding obtaining in the three groups of properties at the end of the year was found to be:—

(1) Private	1,114
(2) Corporation	84
(3) Slum	274
	1,472

The following table shows the percentage of overcrowded families in the Borough since the original survey.

1936. (Estimated on standard of Form "A" see Annual Report 1936 p.58)	12.96%
1937. (Form "B")	10.5%
1938. (do.)	8.74%

Whilst there have been no houses specifically built for Overcrowded families, the Borough Treasurer has utilised surplus houses on existing Corporation Estates for the alleviation of overcrowded tenants residing in Corporation and Privately Owned Properties, and during the year, 109 families have been suitably accommodated.

Regard should be taken of the alleviation of overcrowding in properties scheduled in Slum Clearance Areas. During the year 284 overcrowded families have been removed from Slum Areas and given ample accommodation in new houses erected under the Housing Acts.

The total overcrowded families relieved during the year was 393.

Four instances were discovered where overcrowding had appeared during the year, due to two cases of wilful misrepresentation of new tenants and the size of their families to the landlords and the others due to neglect of duty by the landlords. Notices were served in all instances, three have been abated and one notice is still in force.

The provisions of the Act have been advertised in the local Press and by posters several times.

During the year, 90 certificates, relating to 863 properties, giving the " Permitted Number " were issued to local landlords.

It has been necessary to institute a prosecution against an Estate Agent during the year under Section 168 for refusing to give information as to the ownership of property and so prevent the serving of notices for repairs. One pound fine was imposed.

NUISANCES AND DEFECTS.

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

NUISANCE OR DEFECT.	DEFECTS FOUND.		
	Inspected Under Public Health Acts.		Inspected Under Housing Acts.
	Informal.	Statutory.	Statutory.
<i>Accumulations of—</i>			
Refuse or rubbish	19	2	3
Manure	—	1	—
Water	7	1	—
Earth	1	1	1
<i>Animals and Poultry—</i>			
Nuisance from	1	—	—
Offal, bones, etc.	1	1	—
<i>Buildings—</i>			
Defective ceilings	20	3	37
„ floors and skirtings	25	12	110
„ gables	—	—	—
„ doors, doorframes, etc.	19	11	206
„ roofs	27	14	157
„ windows, frames, sashes, & skylights	17	12	258
„ chimney stacks	3	—	57
„ chimney pots	5	1	21
„ fireplaces & cooking ranges	18	7	103
„ walls (external)	7	5	211
„ walls (internal)	13	7	148
„ scullery sinks	4	2	7
„ lavatory basins, baths, etc.	36	1	1
„ eaves and r.w.f. pipes	—	15	235
„ steps	4	1	18
„ (or dirty) staircases and passages	4	4	68
Dampness of walls, etc.	52	15	58
Inadequate Ventilation and lighting	19	2	78
Premises in a dirty condition	10	—	—
Unlighted and unventilated cellar	—	—	—
<i>Drainage—</i>			
Defective or obstructed drains	53	—	2
„ gullies	20	1	3
„ waterclosets, cisterns, pipes, etc.	63	6	11
„ or obstructed inspection chambers	6	—	—
Insufficient water closet accommodation	4	2	—
Replace obsolete fittings (traps etc.)	1	—	4

<i>Food Stores—</i>							
Insufficient food store	...	...	...	...	—	—	54
Unventilated food store	...	...	...	...	—	—	30
Defective food store	...	...	...	...	—	—	16
<i>Limewashing</i>	...	...	...	...	6	—	14
<i>Miscellaneous Nuisances—</i>							
Offensive smells	...	...	...	..	2	—	—
Smoke Nuisance	...	...	...	...	18	2	1
Verminous premises	...	...	...	...	10	2	4
Infestation by rats and mice	...	...	...	...	6	—	—
Defective manure pits	...	...	...	...	—	1	—
<i>Outhouses and Offshoots—</i>							
Defective structures	...	...	...	...	1	1	32
Insufficient coal-store	...	...	...	...	1	—	4
<i>Refuse Receptacles—</i>							
Insufficient	...	...	...	...	1	—	1
Defective condition of ash-pits	...	...	...	...	1	—	—
<i>Wash-houses—</i>							
Defective structure	...	...	...	..	3	—	37
„ set pots, furnaces etc.	...	...	...	..	11	3	44
„ washing bench	...	...	...	..	—	—	4
Dirty wash-house	...	...	...	..	—	—	1
Insufficient washing accommodation	...	...	...	...	—	—	3
<i>Water Supply—</i>							
Insufficient	...	...	...	...	—	—	1
Disused wells	...	...	...	...	1	—	3
Defective pipes	...	...	...	...	1	—	1
Poor Pressure	...	...	...	...	—	—	—
No water supply	...	...	...	...	3	—	—
<i>Yards—</i>							
Defective surfaces	...	...	...	...	5	2	38
„ yard walls	...	...	...	...	1	2	61
„ yard gates	...	...	...	...	4	1	20
Dirty condition of yard	...	...	...	...	—	—	—
Totals					534	141	2166

NUISANCES AND DEFECTS REMEDIED DURING 1938.

The following table shows the total number of nuisances and defects remedied during the year and also the number still outstanding at the end of 1938 and carried forward to 1939 for attention.

	Public Health Acts, Housing Acts		
	INFORMAL	STATUTORY	STATUTORY
No. of defects remedied under outstanding 1937 notices ...	68	9	435
Defects (informal notices) transferred to Statutory notices	81	—	—
No. of defects remedied under notices served in 1938 ...	294	114	783
No. of defects outstanding and transferred to 1939 for attention	159	27	1383

SUMMARY OF WORK DONE BY SANITARY INSPECTORS.

Premises where work has been carried out by Verbal notice ... 175

Complaints.

Matters referred to other Departments	40
Complaints received	745
Complaints confirmed	676
Nuisances found	513

SYNOPSIS OF INSPECTION WORK.

Total number of Inspections made	7759
Total number of Re-Inspections made	5325

Dwelling Houses.

	Inspections.	Re-Inspections.
Ordinary	59	3
Infectious Disease	637	85
Housing Act 1936 (Sec. 9, 10 & 16) ...	245	616
Housing Act 1936 (Special Surveys Clearance Areas)	548	3695
Housing Act (Overcrowding)	961	245

Sanitary Conveniences.

Water Closets	165	87
Privies and Tub Closets	4	—
Urinals	29	8

Refuse Storage.

Accumulation	74	38
Ash-bins	43	—
Ash-places	3	—

Drains.

	Inspections	Re-Inspections.
Inspections	336	122
Smoke tests	46	3
Chemical tests	63	—
Water tests	37	2

Sewers, Etc.

Sewers	62	13
Cesspools	—	—

Factories, Etc.

Factories with mechanical power	80	21
Factories with- (excluding Bakehouses)	20	—
out mechanical (including Stables, Restaurant } power. (kitchens, etc.)		
Bakehouses (Factory)	20	9
Bakehouses (Non-factory)	39	12
Other Premises	4	—
Outworkers	1	—

Miscellaneous.

Butchers' shops	510	49
{ Dairies, Milk Shops and Stores .. }	453	40
{ Cowsheds }		
Dangerous Structures	4	—
Entertainment Houses	1	—
Fish Merchants' Shops and Stores	87	5
Houses let in Lodgings	1	—
Ice Cream Premises	7	—
Lodging Houses	15	1
Meetings with Owners or Tradesmen	420	2
Miscellaneous Visits	589	15
Offensive Trades, including Fish Frying	102	7
Piggeries	5	—
Slaughterhouses, Private	802	104
Special Notices of Slaughter	16	—
Smoke Observation	8	—
Shops Act Inspections	96	14
Special Visits	288	3
Sanitary Inspections	674	98
Van Dwellings	17	2
Visits under Rat & Mice Destruction Act	109	36
Cooked Food Preparers	80	—
Totals	7,759	5,325

Appendix

TABLE I.
Vital Statistics of Whole District during 1938 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.			
		Nett.		Number.	Rate.	of Non- residents registered in the District.	of Resi- dents not registered in the District.	Under 1 Year of Age.		At all Ages.	
		Number.	Rate.					Number.	Rate per 1,000 Nett Births.		
											Number.
1929	65880	1203	18.26	1029	15.6	215	48	115	95	862	13.08
1930	65880	1280	19.41	931	14.1	179	35	80	63	787	11.94
1931	64720	1276	19.71	950	14.7	173	37	102	80	814	12.57
1932	65630	1238	18.86	890	13.6	179	37	86	69	748	11.4
1933	65770	1135	17.25	1003	16.1	238	48	96	84	873	13.27
1934	65950	1172	17.77	1022	15.5	229	47	85	77	840	12.73
1935	67350	1201	17.38	1033	15.3	255	46	76	63	824	12.23
1936	66800	1209	18.1	1022	15.3	286	37	78	65	773	11.57
1937	66880	1087	16.25	1135	16.9	323	46	72	66	858	12.83
1938	66510	1104	16.6	1054	15.8	307	50	67	61	797	11.98

Area of District in acres (exclusive of area covered by water), 4,604.

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.

Causes of, and Age at Death during the Year 1938.

Causes of Death.	ALL AGES	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.
		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 ... Uncertified ...	761 36	65 2	11 ...	15 1	21 1	30 1	75 2	206 15	171 9	167 5	638 6
1 Typhoid and Paratyphoid Fever ...	...	...	...	...	...	...	...	...	...	...	...
2 Measles ...	5	1	3	1	...	...	...	...	...	...	3
3 Scarlet Fever ...	3	1	...	1	1	...	...	...	...	...	3
4 Whooping cough ...	4	2	1	1	...	...	...	...	...	...	3
5 Diphtheria ...	6	...	...	1	4	1	...	...	...	...	5
6 Influenza ...	10	...	...	...	1	1	2	4	1	1	1
7 Encephalitis lethargica ...	2	...	...	...	...	...	...	2	...	...	2
8 Cerebro spinal fever ...	1	...	...	...	1	...	...	...	...	...	1
9 Tuberculosis of respiratory system ...	54	...	...	...	1	8	21	24	...	...	40
10 Other Tuberculous diseases ...	17	1	...	4	4	3	5	...	...	...	16
11 Syphilis ...	3	1	...	...	...	...	1	1	...	...	4
12 General Paralysis of the insane tabes dorsalis ...	4	...	...	...	...	...	2	1	1	...	7
13 Cancer, malignant disease ...	91	...	1	...	...	1	7	44	26	12	71
14 Diabetes ...	11	...	...	...	...	2	2	3	4	...	7
15 Cerebral hæmorrhage, &c. ...	48	...	...	...	...	...	1	14	18	15	25
16 Heart disease ...	152	...	...	1	1	2	7	42	50	49	102
17 Aneurysm ...	...	...	...	...	...	...	...	...	...	...	...
18 Other Circulatory diseases ...	71	...	...	...	...	...	...	11	28	32	107
19 Bronchitis ...	31	2	1	2	...	...	...	5	15	6	11
20 Pneumonia (all forms) ...	50	4	1	3	3	4	5	13	9	8	38
21 Other respiratory diseases ...	2	...	...	...	...	...	...	1	...	1	2
22 Peptic ulcer ...	5	...	...	...	...	...	1	4	...	...	4
23 Diarrhœa, &c., (under 2 yrs.) ...	7	6	1	...	...	...	...	...	...	...	3
24 Appendicitis ...	5	...	...	...	2	1	1	...	1	...	9
25 Cirrhosis of liver ...	3	...	...	...	...	...	...	2	...	1	3
26 Other diseases of liver, &c. ...	...	...	...	...	...	...	...	...	...	...	1
27 Other digestive diseases ...	2	1	...	...	...	...	...	...	1	...	1
28 Acute and chronic nephritis ...	34	...	...	1	...	3	2	14	7	7	33
29 Puerperal sepsis ...	1	...	...	...	...	...	1	...	...	...	1
30 Other puereral causes ...	4	...	...	...	...	1	3	...	...	...	2
31 Congenital debility, prema- ture birth, malformation, &c. ...	43	41	2	...	...	...	...	...	...	...	34
32 Senility ...	22	...	...	...	...	...	...	...	1	21	11
33 Suicide ...	5	...	...	...	...	...	2	3	...	...	3
34 Other Deaths, from violence ...	27	...	...	...	2	2	3	10	5	5	30
35 Other defined diseases ...	56	7	1	1	1	1	10	15	9	11	57
36 Causes ill-defined or unknown ...	18	...	...	...	1	1	1	8	4	3	4
TOTALS ...	797	67	11	16	22	31	77	221	180	172	644
Sub Entries (included in above figures) :—											
20a Pneumonia (lobar) ...	16	...	...	2	1	1	4	6	2	...	15
35a Rheumatic fever ...	...	...	...	...	...	...	...	...	...	...	...
35a Erysipelas ...	...	...	...	...	...	...	...	...	...	...	1
Pemph. Neonatorum ...	1	1	...	...	...	...	...	...	...	...	...
Polio Encephalitis ...	...	...	...	...	...	...	...	...	...	...	1

TABLE IIa.

Causes of Death during the Year 1938.

Allocated to the Wards in which they occurred.

CAUSES OF DEATH.				WARDS.								
				All Ages.	Chirton.	Collingwood	Cullercoats.	Dockway.	Linskill.	Percy.	Preston.	Trinity.
All Causes { Certified	...	761	86	50	48	125	112	81	79	116	64	
{ Uncertified	...	36	2	1	4	5	6	4	4	8	2	
1 Typhoid and paratyphoid fever	...	...	...	...	...	...	...	...	...	...	...	
2 Measles	...	5	1	...	...	2	1	1	...	...	...	
3 Scarlet fever	...	3	...	...	...	1	...	...	1	1	...	
4 Whooping cough	...	4	...	...	...	2	...	1	...	1	...	
5 Diphtheria	...	6	...	...	...	1	...	1	4	...	...	
6 Influenza	...	10	3	1	1	2	...	2	...	1	...	
7 Encephalitis lethargica	...	2	1	...	1	...	...	...	...	...	...	
8 Cerebro spinal fever	...	1	...	...	...	...	...	1	...	...	...	
9 Tuberculosis of respiratory system	...	54	9	3	1	8	6	4	8	10	5	
10 Other tuberculous diseases	...	17	1	1	...	2	1	7	1	3	1	
11 Syphilis	...	3	...	...	...	1	...	1	...	1	...	
12 General paralysis of the insane	...	...	...	...	...	...	...	...	...	...	...	
tabes dorsalis	...	4	...	...	...	2	1	...	...	1	...	
13 Cancer, malignant disease	...	91	13	1	5	12	15	5	9	18	13	
14 Diabetes	...	11	1	4	...	1	...	...	1	3	1	
15 Cerebral hæmorrhage, &c.	...	48	1	4	1	11	13	4	5	2	7	
16 Heart disease	...	152	14	9	20	20	21	15	16	22	15	
17 Aneurysm	...	...	...	...	...	...	...	...	...	...	...	
18 Other circulatory diseases	...	71	2	4	8	9	14	9	5	12	8	
19 Bronchitis	...	31	5	2	...	2	6	8	2	5	1	
20 Pneumonia all forms	...	50	6	2	4	11	6	4	3	11	3	
21 Other respiratory diseases	...	2	...	...	...	...	...	2	...	...	...	
22 Peptic ulcer	...	5	2	...	...	...	...	...	1	2	...	
23 Diarrhœa, &c. (under 2 year-)	...	7	1	2	...	1	...	2	...	1	...	
24 Appendicitis	...	5	...	2	...	2	1	...	...	...	...	
25 Cirrhosis of liver	...	3	...	...	...	2	...	...	...	...	1	
26 Other diseases of liver, &c.	...	...	...	...	...	...	...	...	...	...	...	
27 Other digestive diseases	...	2	2	...	...	...	...	...	...	...	...	
28 Acute and chronic nephritis	...	34	5	1	...	9	5	3	6	3	2	
29 Puerperal sepsis	...	1	1	...	...	...	...	...	...	...	...	
30 Other puerperal causes	...	4	...	2	...	...	1	...	...	1	...	
31 Congenital debility, premature birth, malformation, &c.	...	43	4	1	2	7	11	7	1	10	...	
32 Senility	...	22	...	...	1	8	1	2	3	4	3	
33 Suicide	...	5	1	1	...	...	...	...	2	1	...	
34 Other deaths from violence	...	27	1	7	2	1	4	4	3	2	3	
35 Other defined diseases	...	56	13	3	6	9	8	1	9	5	2	
36 Causes ill-defined or unknown	...	18	1	1	...	4	3	1	3	4	1	
TOTAL	...	797	88	51	52	130	118	85	83	124	66	
Sub-Entries included in above figures.—	...	...	...	...	...	...	...	...	...	...	...	
20a Pneumonia (lobar)	...	16	1	1	1	1	2	1	1	5	3	
35a Rheumatic fever	...	...	...	...	...	...	...	...	...	...	...	
35a Erysipelas	...	...	...	...	...	...	...	...	...	...	...	
Pemph. Neonatorum	...	1	...	...	...	...	...	...	1	...	...	

TABLE III.

Infantile Mortality during the Year 1938.

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	...	...	31	4	4	1	40	4	6	7	8	65
	Uncertified	...	...	1	...	...	...	1	...	1	...	...	2
{ Smallpox ...				...	...	...	...	...	...	...	...	...	...
{ Chickenpox ...				...	...	...	...	...	...	...	...	...	...
{ Measles ...				...	...	...	...	...	...	...	1	...	1
{ Scarlet fever ...				...	...	...	...	...	...	...	1	...	1
{ Whooping Cough ...				...	...	...	...	...	...	...	...	2	2
{ Diphtheria and croup ...				...	...	...	...	...	...	...	...	...	...
Erysipelas ...				...	...	...	...	...	...	...	...	...	...
{ Tuberculous meningitis ...				...	...	...	...	...	...	...	1	...	1
{ Abdominal tuberculosis ...				...	...	...	...	...	...	...	...	...	...
{ Other tuberculous diseases ...				...	...	...	...	...	...	...	...	...	...
Meningitis (not tuberculous) ...				...	...	...	...	...	...	...	...	2	2
Convulsions ...				...	...	1	...	1	...	1	...	...	2
Laryngitis ...				...	...	...	...	...	...	...	...	...	...
Bronchitis ...				...	...	...	...	...	...	1	...	1	2
Pneumonia (all forms) ...				...	1	...	...	1	...	...	2	1	4
{ Diarrhoea ...				...	...	...	...	...	...	...	...	...	...
{ Enteritis ...				...	...	...	...	...	2	2	1	1	6
Gastritis ...				...	...	...	...	...	...	...	...	...	...
Syphilis ...				...	1	...	...	1	...	...	...	...	1
Rickets ...				...	...	...	...	...	...	...	...	...	...
Suffocation, overlying				...	...	...	...	...	...	...	...	...	...
Injury at birth ...				...	3	1	...	4	...	...	...	...	4
Atelectasis ...				...	3	1	...	4	1	...	...	...	5
{ Congenital malformation ...				...	2	...	...	2	...	...	...	...	2
{ Premature birth ...				...	19	2	...	21	...	...	...	...	21
{ Atrophy, debility, and marasmus ...				...	1	1	...	2	...	1	...	...	3
Other causes ...				...	4	...	1	5	1	2	1	1	10
Influenza ...				...	...	...	...	...	...	...	...	...	...
Totals ...				32	4	4	1	41	4	7	7	8	67

Nett Births in the year :—Legitimate, 1,059; Illegitimate, 45.

Nett Deaths in the year, of { Legitimate infants, 65.
 { Illegitimate do. 2.

TABLE IIIA.

Infantile Mortality During the Year 1938.

Allocated to the Wards in which they occurred.

CAUSES OF DEATH.	Total Deaths under 1 Year	WARDS.								
		Chirton.	Collingwood.	Cullercoats.	Dockwary.	Linskill.	Percy.	Preston.	Trinity.	Tynemouth.
		1	2	3	4	5	6	7	8	9
All Causes:—Certified	65	6	3	3	17	11	11	2	12	...
Uncertified	2	...	...	...	1	...	...	...	1	...
Smallpox ...	...	...	...	...	...	...	...	...	...	...
Chickenpox ...	...	...	...	...	...	...	...	...	...	...
Measles ...	1	...	...	...	...	...	1	...	...	...
Scarlet fever ...	1	...	...	...	1	...	...	...	...	...
Whooping cough ...	2	...	...	...	2	...	...	...	...	...
Diphtheria and croup	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...
Tuberculous meningitis	1	...	...	...	1	...	...	...	...	...
Abdominal tuberculosis	...	...	...	...	...	...	...	...	...	...
Other tuberculous diseases	...	...	...	...	...	...	...	...	...	...
Meningitis (not tuberculous)	2	...	...	1	1	...	...	...	...	...
Convulsions ...	2	1	...	...	...	...	...	...	1	...
Laryngitis...	...	...	...	...	...	...	...	...	...	...
Bronchitis ...	2	...	...	...	...	1	1	...	...	...
Pneumonia (all forms)	4	...	...	1	2	...	...	...	1	...
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...
Enteritis ...	6	1	2	...	...	...	2	...	1	...
Gastritis ...	...	...	...	...	...	...	...	...	...	...
Syphilis ...	1	...	...	...	...	...	...	...	1	...
Rickets ...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...
Injury at birth ...	4	...	...	...	...	1	1	...	2	...
Atelectasis ...	5	...	...	1	1	2	...	...	1	...
Congenital malformation	2	...	...	...	1	...	...	1	...	...
Premature birth ...	21	3	...	...	4	6	5	...	3	...
Atrophy, debility and marasmus	3	...	1	...	...	...	1	...	1	...
Other causes	10	1	...	...	5	1	...	1	2	...
Influenza ...	...	...	...	...	...	...	...	...	...	...
Total Deaths	67	6	3	3	18	11	11	2	13	...
Births ...	*1104	143	72	46	199	133	150	61	170	38
Infantile Mortality Rate	61	43	42	65	91	83	73	33	76	00

* Includes 92 Inward transfers.

TABLE IV.

Registrar General's List of Causes of Death at different periods of life in the County Borough of Tynemouth during 1938.

MALES.

CAUSES OF DEATH.	TOTAL All Ages											
		0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-
All Causes ...	433	42	5	8	11	18	15	20	63	72	96	83
1 Typhoid and paratyphoid fever ...	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles ...	5	2	2	1	...	...	...	...	...	...	...	...
3 Scarlet fever ...	1	...	...	1	...	...	...	...	...	...	...	...
4 Whooping cough ...	2	1	1	...	...	...	...	...	...	...	...	...
5 Diphtheria ...	3	...	...	1	1	1	...	...	...	...	...	...
6 Influenza ...	7	...	...	...	...	1	...	1	1	3	...	1
7 Encephalitis lethargica ...	2	...	...	...	...	...	...	...	1	1	...	...
8 Cerebro spinal fever ...	...	...	...	...	...	...	...	...	...	...	...	...
9 Tuberculosis of respiratory system ...	31	...	...	...	1	4	7	1	13	5	...	...
10 Other tuberculous diseases ...	9	1	...	2	2	3	...	1	...	...	...	...
11 Syphilis ...	5	1	...	...	...	...	...	2	1	1	...	...
12 General paralysis of the insane, tabes dorsalis ...	3	...	...	...	...	...	...	1	1	...	1	...
13 Cancer, malignant disease ...	47	...	...	...	...	1	2	1	8	12	15	8
14 Diabetes ...	9	...	...	...	...	1	...	1	2	1	3	1
15 Cerebral hæmorrhage, ...	14	...	...	...	...	...	...	...	4	2	2	6
16 Heart disease ...	77	...	...	...	...	3	1	3	13	15	26	16
17 Aneurysm ...	...	...	...	...	...	...	...	...	...	...	...	...
18 Other circulatory diseases ...	38	...	...	...	...	...	...	...	1	5	16	16
19 Bronchitis ...	14	1	...	...	...	...	...	...	...	3	5	5
20 Pneumonia all forms ...	32	3	1	2	2	1	...	2	4	5	6	6
21 Other respiratory diseases ...	2	...	...	...	...	...	...	...	...	...	1	1
22 Peptic ulcer ...	5	...	...	...	...	...	1	...	2	2	...	...
23 Diarrhœa, etc. ...	4	3	1	...	...	...	...	...	...	...	...	...
24 Appendicitis ...	4	...	...	...	1	1	1	...	...	...	1	...
25 Cirrhosis of liver ...	2	...	...	...	...	...	...	...	...	1	...	1
26 Other diseases of liver, etc. ...	1	...	...	...	...	...	...	...	...	1	...	...
27 Other digestive diseases ...	13	1	...	...	2	...	...	1	...	4	2	3
28 Acute and chronic nephritis ...	18	...	...	1	...	...	1	...	3	4	5	4
29 Puerperal sepsis ...	...	...	...	...	...	...	...	...	...	...	...	...
30 Other puerperal causes ...	...	...	...	...	...	...	...	...	...	...	...	...
31 Congenital debility, premature birth, malformation, etc. ...	23	23	...	...	...	...	...	...	...	...	...	...
32 Senility ...	6	...	...	...	...	...	...	...	...	...	...	6
33 Suicide ...	3	...	...	...	...	...	1	1	1	...	...	...
34 Other deaths from violence ...	18	1	...	...	1	2	1	2	3	3	2	3
35 Other defined diseases ...	30	5	...	...	1	...	...	3	4	2	9	6
36 Causes ill-defined or unknown ...	5	...	...	...	...	...	...	...	1	2	2	...

Deaths under one year of age:—Legitimate children, 40; Illegitimate children, 2.

TABLE IVa.

Registrar General's List of Causes of Death at different periods of life in the County Borough of Tynemouth during 1938.

FEMALES.

CAUSES OF DEATH	TOTAL All Ages	Age										
		0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-
All Causes ...	369	26	6	7	11	14	20	25	33	54	84	89
1 Typhoid and paratyphoid fever ...	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles ...	1	...	1	...	...	...	...	...	...	...	...	...
3 Scarlet fever ...	1	1	...	...	...	...	...	...	...	...	...	...
4 Whooping cough ...	2	1	...	1	...	...	...	...	...	...	...	...
5 Diphtheria ...	3	...	...	...	3	...	...	...	...	...	...	...
6 Influenza ...	4	...	...	...	1	...	1	...	1	...	1	...
7 Encephalitis lethargica ...	1	...	...	...	...	...	...	...	1	...	...	...
8 Cerebro spinal fever ...	1	...	...	...	1	...	...	...	...	...	...	...
9 Tuberculosis of respiratory system ...	24	...	...	...	...	4	10	4	4	2	...	...
10 Other tuberculous diseases ...	9	...	...	2	2	1	1	3	...	...	...	...
11 Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...
12 General paralysis of the insane, tabes dorsalis ...	...	...	...	...	...	...	...	...	...	...	...	...
13 Cancer, malignant disease ...	45	...	1	...	...	...	1	3	12	12	12	4
14 Diabetes ...	10	...	...	...	...	1	...	2	...	1	4	2
15 Cerebral hæmorrhage, &c. ...	25	...	...	...	...	...	...	...	...	3	15	7
16 Heart disease ...	65	...	...	...	...	...	2	1	2	10	18	32
17 Aneurysm ...	...	...	...	...	...	...	...	...	...	...	...	...
18 Other circulatory diseases ...	36	...	...	...	...	...	...	...	2	7	12	15
19 Bronchitis ...	13	...	1	1	...	...	...	...	...	2	6	3
20 Pneumonia (all forms) ...	15	2	...	2	1	3	...	2	1	1	2	1
21 Other respiratory diseases ...	...	...	...	...	...	...	...	...	...	...	...	...
22 Peptic ulcer ...	1	...	...	...	...	...	...	...	...	1	...	...
23 Diarrhoea, etc. ...	3	3	...	...	...	...	...	...	...	...	...	...
24 Appendicitis ...	...	...	...	...	...	...	...	...	...	...	...	...
25 Cirrhosis of liver ...	...	...	...	...	...	...	...	...	...	...	...	...
26 Other diseases of liver, etc. ...	2	...	...	...	...	...	...	...	2	...	...	...
27 Other digestive diseases ...	10	...	...	...	...	...	...	1	1	2	3	3
28 Acute and chronic nephritis ...	20	...	...	...	...	3	...	2	3	6	4	2
29 Puerperal sepsis ...	1	...	...	...	...	...	...	1	...	...	...	...
30 Other puerperal causes ...	4	...	...	...	...	1	2	1	...	...	...	...
31 Congenital debility, premature birth, malformation, etc. ...	15	14	1	...	...	...	...	...	...	...	...	...
32 Senility ...	13	...	...	...	...	...	...	...	...	...	1	12
33 Suicide ...	3	...	...	...	...	...	...	1	1	1	...	...
34 Other deaths from violence ...	11	1	...	...	1	...	...	1	2	1	2	3
35 Other defined diseases ...	29	4	2	1	2	1	3	3	1	5	4	3
36 Causes ill-defined or unknown ...	2	...	...	...	...	...	...	...	...	...	...	2

Deaths under one year of age:—Legitimate children, 25; Illegitimate children, 1.

TABLE V.

PRESTON HOSPITAL.

**Statistics relating to the Period from the 1st January to the
31st December, 1938.**

IN-PATIENTS.

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

	County Borough.	County Council.
1. Total Number of Admissions	1432	960
2. Number of women confined in hospital	106	44
3. Number of live births	101	40
4. Number of still births	11	5
5. Number of deaths among newly-born (i.e., under four weeks of age)	14	2
6. Total number of deaths among children under one year	31	7
7. Number of Maternal deaths	3	—
8. Total number of deaths	244	270
9. Number of patients discharged	1212	672
10. Average duration of stay of patients included in 8 and 9 above :—		
(a) Four weeks or less	950	553
(b) Exceeding four weeks but under thirteen weeks	361	258
(c) Exceeding thirteen weeks	145	131
11. Number of beds occupied :—		
(a) average during the period	377	
(b) highest 407 on 10/2/38		
(c) lowest 355 on 16/7/38		
12. Number of surgical operations under general anaesthetic (excluding dental operations) ...	36	21
13. Number of abdominal sections	15	12

TABLE VA.
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, 1938.

Classification of Wards.		Number of Wards.	BEDS.									
			MEN.		WOMEN.		CHILDREN (under 16 years of age).				Total.	
			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. 25 C. 26	81	B. 24 C. 23	70	B. 38 C. 13	235	B. 87 C. 62	181	197
2 Surgical	...	3	58	14 15 28	28	14 13 24	...	6 6	86	34 34 24 52	...	...
3 Chronic sick	...	...	...	...	...	...	...	...	...	...	...	...
4 Children (included in 1-2)	...	...	...	...	...	...	...	...	...	...	...	...
5 Venereal	...	2	6	2	4	...	...	...	10	2	...	...
6 Tuberculosis	...	6	40	6 18	26	5 14	25	12 5	91	23 37	...	...
7 Isolation	...	...	...	...	...	...	...	...	...	...	...	...
8 Maternity	...	1	...	...	12	4 8	...	...	12	4 8	...	...
9 Mental—	...	...	...	...	...	...	...	...	...	...	...	...
(a) Lunacy Act, 1890.	...	2	2	1	2	...	...	...	4	1	...	...
(i) Short stay	...	...	...	...	...	...	...	...	...	...	...	...
(ii) Long stay	...	...	...	...	...	...	...	...	...	...	...	...
(b) Mental Treatment Act, 1930	...	...	...	...	...	...	...	...	...	...	...	...
(i) Voluntary	...	...	...	...	...	...	...	...	...	...	...	...
(ii) Temporary	...	...	...	...	...	...	...	...	...	...	...	...
10 Mental defectives	...	...	...	3 2	...	1 1	...	3	...	7 3	...	...
11 Other...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL	...	24	190	65 90	153	57 83	95	59 24	438	181 197	...	...

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, 1938.

Disease Groups.	Children under 16 years of age).		Men and Women.	
	C.B.	C.C.	C.B.	C.C.
A. Acute infectious disease	24	5	10	12
B. Influenza	1	..	5	..
C. Tuberculosis—Pulmonary	5	4	28	37
Non-pulmonary	14	1	9	25
D. Malignant disease	..	..	39	43
E. Rheumatism—				
(1) Acute rheumatism (rheumatic fever) together with sub-acute rheumatism and chorea. ...	1	1	4	9
(2) Non-articular manifestations of so-called "Rheumatism" (muscular rheumatism, fibrositis, lumbago and sciatica) ...	2	1	7	6
(3) Chronic arthritis	..	..	1	5
F. Venereal disease	1	1	12	6
G. Puerperal pyrexia and Puerpera fever	..	..	6	1
H. Other diseases and accidents connected with child bearing ...	..	..	25	8
I. Mental diseases	1	6	78	95
J. Senile decay	..	..	5	7
K. Violence	..	3	7	13
<i>In respect of cases not included above—</i>				
L. Disease of the Nervous System and Sense Organs	16	5	70	72
M. Disease of the Respiratory System ..	44	11	94	84
N. Circulatory System	2	1	131	136
O. Digestive System	23	2	68	32
P. Genito-urinary System	5	2	54	33
Q. Skin	114	8	35	16
R. Other diseases	88	22	168	148
S. { Mothers	..	..	169	42
{ Infants	81	31	..	..
T. Others	8	7	1	1
Totals	430	111	1026	831

TABLE Vc.

Number of Beds available for the Treatment of Tuberculosis, on the 31st December, 1938, 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 1938.		Admitted during the year.		Discharged during the year.		Died in the Institution.		In Institutions on December 31st, 1938.	
	Boro.	County	Boro.	County	Boro.	County	Boro.	County	Boro.	County
Number of patients suffering from pulmonary tuberculosis admitted for treatment.	Adult Males	11	8	6	19	8	7	4	2	13
	Adult Females	3	8	14	24	9	4	8	4	9
	Children	5	2	4	3	5	—	1	4	1
	Total	19	18	24	46	22	11	13	10	23
Number of patients suffering from non-pulmonary tuberculosis admitted for treatment.	Adult Males	4	6	5	15	2	3	4	4	5
	Adult Females	1	3	4	11	1	3	3	1	5
	Children	13	3	9	2	9	5	—	8	4
	Total	18	12	18	28	12	11	7	13	14
TOTALS		37	30	42	74	34	22	20	23	37
GRAND TOTALS		67		116		81	42		60	

TABLE VE.
TREATMENT OF CANCER. (Form Hosp. 7).
STATEMENT OF CANCER PATIENTS FOR 1938.
PRESTON HOSPITAL.

Site of Disease.	I. Patients admitted after previous advice or treatment at another hospital providing radiation as well as operative treatment		II. Patients admitted after previous advice or treatment at another hospital providing operative but not radiation treatment				III. Patients admitted without previous advice or treatment at another hospital	
	Total number 23		Total Number 9				Total number 38	
	(a) Numbers treated at that hospital	(b) Numbers not treated at that hospital	(a) Numbers retained in Council's hospital	(b) Numbers referred for advice and/or treatment to a hospital providing radiation treatment	(a) Numbers retained in Council's hospital	(b) Numbers referred for advice and/or treatment to :— (i) Hospital providing operative treatment (ii) Hospital providing radiation as well as operative treatment		
Uterus	B. 2	B. 1	B. 1	B. 1	B. 3	B. 3	B. 1	C. 1
Tongue & Mouth	C. 2	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Breast	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Lip	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Skin	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Larynx	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Bladder	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Rectum	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
Other sites	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1	C. 1
TOTAL	7	3	4	1	5	14	20	2

There is no out-patient department attached to the hospital and the facilities are for surgical and radiological diagnosis only.

There are no existing agreements with voluntary hospitals. Operative cases are referred to the Royal Victoria Infirmary, Newcastle-upon-Tyne and the Tynemouth Victoria Jubilee Infirmary, North Shields. *The following donations are paid annually to the respective Infirmarys, viz :

Royal Victoria Infirmary, Newcastle ... £15 15 0
Tynemouth Victoria Jubilee Infirmary ... £10 10 0

Radium treatment is provided at the Royal Victoria Infirmary, Newcastle-upon-Tyne.

* Cases are also sent to Newcastle General Hospital at an agreed rate.

TABLE VI.
Cases of Infectious Disease notified during the Year 1938.

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.							At all Ages.	Central.	Collingwood.	Dockwray.	Linskill.	Milbourn.	Percy.	Preston.	Rudyard.	Trinity.	Moor Park Hospital (68 Beds)	N/c Gen. Hosp.	Preston Hospital (Poor Law)	Jubilee Infirmary	Stanhope Sanatorium (6 Beds)	Walkegate L.D. Hosp.	Stamington Sanat. (6 Beds)	Wolsingham	Fratcr Maternity Home.							
	Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards.																										
Dysentery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Enteric fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Puerperal pyrexia ...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Ophthalmia neonatorum ...	368	1	55	184	15	12	...	...	40	39	19	35	23	24	28	30	...	196	...	...	...	...	...	...	...	...	...						
Scarlet fever ...	183	...	31	102	32	15	3	...	28	24	6	20	29	16	30	22	8	169	...	...	...	...	...	...	...	...	...						
Diphtheria ...	35	1	1	1	1	10	16	5	4	...	4	10	3	1	3	6	4	4	...	...	...	...	...	...	...	...	...						
Erysipelas ...	45	1	9	6	9	8	1	3	9	3	3	6	6	6	3	7	2	5	...	...	...	...	...	...	...	...	...						
Pneumonia ...	...	...	...	...	...	...	...	...	4	1	1	...	...	1	1	3	...	2	...	...	...	...	...	...	...	...	...						
Influenzal pneumonia ...	11	...	...	3	1	6	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...						
Cerebro spinal fever ...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...						
Pulmonary tuberculosis	70	...	...	7	16	23	...	...	15	5	4	10	5	6	8	15	2	47	2	...	...	...	...	...	...	...	...						
Non-Pulmonary tuberculosis...	42	1	6	16	9	10	...	...	8	2	1	6	4	11	4	3	3	4	...	...	...	...	...	...	...	...	...						
Malaria	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Totals ...	680	9	102	320	95	92	54	8	111	75	38	89	77	79	80	90	50	445	394	2	25	3	7	2	10	1	1						

TABLE VIA.
NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR, 1938.
 (Table in accordance with Ministry of Health instructions).

DISEASE	TOTAL CASES NOTIFIED												Cases Admitted to Hospital.	Total Deaths.
	under 1	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	65 & over		
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	1	3	14	17	21	122	62	12	11	4	1	...	196	3
Diphtheria	...	4	8	7	12	67	35	19	21	7	3	...	183	6
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	...	...	4	14	1	...	...	15	7
Pneumonia	1	2	2	1	4	3	3	4	8	5	9	3	5	49
Influenzal Pneumonia	...	...	...	...	...	1	2	1	3	3	1	...	2	10
Other Diseases Generally Notifiable—														
Ophthalmia Neonatorum	5	...	...	...	...	...	...	...	...	...	...	...	1	...
Erysipelas	1	...	...	...	1	...	1	...	6	5	16	5	4	...
Cerebro Spinal Fever	...	...	...	...	...	1	...	...	...	...	...	...	1	1
Dysentery	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	8	9	24	25	33	194	103	40	64	25	30	8	393	76

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

Borough of Tynemouth Boys' Club, Hawkeys Lane, North Shields.

Borough of Tynemouth County Nursing Association.

Borough of Tynemouth Indigent Sick Society.

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

Borough of Tynemouth Holiday Agency—Leslie Home Seaton
Sluice.

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

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

British Legion, 44, Alma Place, North Shields.

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

Juvenile Organisations Council, North Shields.
(For the co-ordination of Youth Movement).

Mayoress' Committee, Town Hall, North Shields.

National Society for the Prevention of Cruelty to Children, 21,
Grosvenor Place, North Shields.

North Shields Nursery School, Howdon Road, North Shields.

North Shields Rotary Club.

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

Personal Service League, 50, Camden Street, North Shields.

Police Court Mission Officer, Prudential Buildings, Camden Street,
North Shields.

Rescue and Preventive Association, 81, Queen Alexandra Road,
North Shields.

Royal National Mission to Deep Sea Fishermen, Union Quay, North
Shields.

Royal Society for the Prevention of Cruelty to Animals, 14, Denham
Street, Jesmond, Newcastle-upon-Tyne.

Shipwrecked Fishermen and Mariners' Royal Benevolent Society, 78,
Howard Street, North Shields.

St. Aidan's Home for Boys, Tynemouth.

St. John Ambulance Brigade, Preston Road, North Shields.

St. Oswald's Home for Girls, Cullercoats, Tynemouth.

The Sir James Knott Memorial Trust Youth Centre, Church Way
North Shields.

The Sir James Knott Nursery School, Percy Square, Tynemouth.

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

Tuberculosis Care Committee, Town Hall, North Shields.

Tyne Mariners Benevolent Institution, 78, Howard Street, North
Shields.

Tynemouth Blind Welfare Society, Howard Street, North Shields.

Tynemouth Infirmary Sports' Committee.

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

Tynemouth Volunteer Life Brigade, Brigade House, Tynemouth.

Tyneside Social Service Centres for Unemployed (Men & Women),
Bishopgate House, Howard St. and Tyne St., No. Shields.

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

Womens' Advisory Centre, 1, Cleveland Road, North Shields.

Y.M.C.A., Church Way, North Shields.

Y.W.C.A., do. do.

Meteorology

SUMMARY OF RECORDS OF TEMPERATURE, RAINFALL, AND OF WEATHER OBSERVATIONS, YEAR 1938.

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	Minimum	Mean of A. & B.						
	A. 54.1°F.	B. 45.8°F.	49.9°F.						
Rainfall.	Total Fall in Inches. 24.46			Most in a day, 28/5/38. 26 m.m. (1.0 inches.)					
	Number of Days.								
Weather.	Precipitation.	Snow.	Snow Lying.	Hail.	Thunder- storms.	Fog.	Ground Frost.	Gale.	Sunshine (Daily Mean)
	192	12	6	7	10	14	18	16	3.53 hrs.

