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BOROUGH OF JARROW.

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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH

FOR 1957.

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T. C. FALCONER, M.B., Ch.B., D.P.H.  
MEDICAL OFFICER OF HEALTH

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BOROUGH OF JARROW.

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# BOROUGH OF JARROW

1957—1958.

## HEALTH COMMITTEE

Chairman : Alderman P. SCULLION.

Vice-Chairman : Councillor Mrs. E. A. TRAINOR, J. P.

Alderman A. A. RENNIE, J.P.

Alderman J. B. SYMONDS, O.B.E.

Alderman A. MORRISON.

Alderman J. W. THOMPSON, J.P.

Alderman G. A. ROSE.

Alderman D. F. RILEY.

Coun. J. A. CONNELL.

Coun. J. W. CROMAR.

Coun. Mrs. A. MOTHERSDALE.

Coun. J. G. TALLACK.

Coun. Mrs. E. COATS.

Coun. T. DEAN.

Coun. R. W. PURVIS.

Coun. W. N. MORTON.

Coun. S. J. ROWAN.

Coun. Mrs. B. BOLAM.

Coun. N. PEDLEY.

Coun. S. SCOTT.

Coun. J. H. W. CAMPBELL.

Coun. J. H. DANIELS.

Coun. Mrs. V. M. HOPE.

Coun. Mrs. J. CLEMENTSON.

Coun. A. M. CAMPBELL.

Coun. Mrs. M. HOOD, J.P.

Coun. A. F. OVERTON.

Coun. R. STOREY.

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## JOINT COMMITTEE—JARROW MEMBERS.

Alderman P. SCULLION.

Councillor MRS. A. MOTHERSDALE.

Councillor S. SCOTT.

Councillor Mrs. E. A. TRAINOR, J.P.

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## No. 2 AREA HEALTH SUB-COMMITTEE— JARROW MEMBERS.

Alderman A. MORRISON.

Councillor J. H. DANIELS.

Councillor MRS. A. MOTHERSDALE.

Councillor Mrs. E. A. TRAINOR, J.P.

Councillor Mrs. J. CLEMENTSON.



HEALTH DEPARTMENT,  
TOWN HALL,  
JARROW,  
CO. DURHAM  
AUGUST, 1958.

**To the Mayor, Aldermen and Burgesses of  
the Borough of Jarrow.**

YOUR WORSHIP, LADIES AND GENTLEMEN,

I have pleasure in submitting the Annual Report of the Medical Officer of Health on the health of the Borough and the work in the Health Department for the year 1957.

The health statistics are set out in detail in the body of the Report; there are, however, several features on which I should like to comment.

The principal vital statistics show no significant change compared with 1956. The population of the Borough increased during the year by 100 to 29,240 and the natural increase, excess of births over deaths, was 236. The Birth Rate showed a slight reduction to 20.55 but the Standardised Rate of 18.2 (i.e. corrected for age structure and sex of the population) exceeds the figure of 16.1 for England and Wales. The Death Rate of 11.9 was slightly less than in 1956 but the standardised Rate of 14.8 is well above the figure of 11.5 for England and Wales. Heart Disease and Cancer again accounted for approximately half of the deaths during the year, and Respiratory Disease was again an important cause of death especially amongst men.

The Still Birth Rate and Infant Mortality Rate show little change compared with 1956.

An important development in the field of Preventive Medicine has been the increased scope of immunisation against poliomyelitis; during the year more than 1,300 people, mostly children, received injections.

In the environment sphere, pollution of river and atmosphere, continue to give cause for concern.

Atmospheric pollution, which results in dirt, nuisance, and a proved menace to health, must not nowadays be accepted as inevitable in an urban or industrial area. During the year approximately 60 tons per square mile of insoluble dirt, ash, etc., fell in the area of the Borough; this takes no account of volatile contaminants, notably sulphur dioxide which is well known as a respiratory irritant and is an important contributory factor in the high incidence of respiratory disease in industrial areas.

The Clean Air Act of 1956 gives Local Authorities powers to deal with this problem but legislation itself cannot be effective without the cooperation and support of both industrialists and householders.



The putrid condition of the River Tyne is totally unacceptable in a civilised community and the difficulties of dealing with this problem have increased greatly with the neglect of many years. In the course of its last few miles the river receives untreated sewage from a population of approximately 800,000. The final solution of this vital problem must depend on co-operation amongst the local authorities in the Tyneside Conurbation and also on generous financial assistance from the Government.

Poliomyelitis and Cancer of the Lung are worthy of comparison as public health problems. The mortality in recent years from these two diseases in England and Wales is shown in the following Tables :—

Year	Deaths from Poliomyelitis	Deaths from Lung Cancer (to nearest 1,000)
1949	643	11,000
1950	734	12,000
1951	191	13,000
1952	275	14,000
1953	320	15,000
1954	112	16,000
1955	241	17,000
1956	114	18,000
1957	225	19,000

Cancer of the Lung, a terrible and mortal disease, occurs 13 times more frequently amongst light cigarette smokers (i.e. smoking less than 14 cigarettes per day) than amongst non-cigarette smokers; for heavy cigarette smokers (i.e. smoking more than 25 cigarettes per day) the liability is increased to 40 times that of non-cigarette smokers. This appalling toll of death and suffering could be almost eliminated in a generation, if only public and official concern and effort could be matched with that at present devoted to the prevention of Poliomyelitis, a trivial problem in comparison. The benefit which a child receives from parents and others by example and education regarding the danger of cigarette smoking far exceeds the value of immunisation against poliomyelitis.

In conclusion, I wish to record my appreciation of the assistance and co-operation I have received from Chairmen, Members of the Council, other Officials and my Staff in the Health Department.

T. C. FALCONER,  
Medical Officer of Health

## SECTION A.

## Statistics of the Area.

(1) **General Statistics.**

Area of the Borough (including 260 acres of inland water) - 1,985 acres.

Estimated Resident Population:—29,246.

No. of inhabited houses:—9,078.

No. of Council houses:—3,993.

Estimated number of sub-standard houses:—976.

House density (persons per house):—3.2.

House density (houses per acre):—5.3.

Rateable Value:—£245,410.

Sum represented by a Penny Rate:—£1014,303.

(2) **Physical and Social Conditions.**(a) **Description of the Area.**

The Borough of Jarrow is roughly rectangular in shape. The East and West boundaries are contiguous with those of South Shields County Borough and Hebburn Urban District respectively, while the Newcastle-Sunderland Railway line delineates Jarrow from Boldon Urban District.

The River Tyne forms the northern boundary. The water-front is about 2 miles long and contains a large steel works, ship building and repair yards and an oil wharf. The eastern boundary is formed by the Jarrow Slake where timber yards occupy 150 acres. A vehicular ferry and pedestrian tunnel link Jarrow with Wallsend. Future development envisages a large vehicular tunnel linking Durham County with Northumberland, near this pedestrian tunnel.

The houses adjoining the riverside works are sub-standard and are being considered for slum clearance. Because of shortage of land for re-housing in the Borough, much of this area will need to be cleared and re-developed.

The houses in the remaining two-thirds of the Borough have been built in this Century. The population density and house density of this area is approximately about half that of the northern third of the Borough.

(b) **Employment.**

Mr. J. J. Thompson, Manager of the Employment Exchange, has kindly supplied the following information relating to Employment, Unemployment, Disablement and Rehabilitation.

Estimated Numbers of Employees in the Area of Jarrow  
and Hebburn.

Industry or Group.	Males.	Females.	Total.
Electrical Engineering ...	5,843	1,744	7,587
Shipbuilding, Shiprepairing and Marine Engineering ...	5,757	203	5,960
Light Electrical Engineering ...	972	782	1,754
General Engineering ...	1,332	297	1,629
Metal Manufacture ...	1,395	122	1,517
National & Local Government & Professional Services ...	772	645	1,417
Distributive Trades ...	409	891	1,300
Building & Civil Engineering ...	1,213	19	1,232
Constructional Engineering ...	791	17	808
Chemicals and Dyes ...	507	214	721
Catering ...	100	601	701
Textiles ...	250	122	372
Transport ...	272	29	301
Manufacture of Food & Drink...	111	159	270
Miscellaneous ...	1,040	523	1,563
Totals ...	20,764	6,368	27,132

(c) **Unemployment.**

During the first quarter of the year the average number of unemployed men and women registered as unemployed was approximately 700.

There was a gradual decrease throughout the year and in the last quarter the average was 550. This compares favourably with the figures for the previous year.

(d) **Disablement and Handicapped Persons.**

The following persons in Hebburn and Jarrow are registered as disabled within the meaning of the Disabled Persons (Employment) Act, 1944.

## JARROW.

	Men.	Women.
Surgical ...	158	27
Medical ...	182	31
Psychiatric ...	15	2
Others ...	73	9
Totals ...	428	69

**Unemployed Registered Disabled Persons Registered for  
Employment included in the above figures.**

	Men.	Women.
Surgical ...	7	2
Medical ...	14	6
Psychiatric ...	3	—
Others ...	4	3
Totals ...	28	11

**Industrial Rehabilitation and Vocational Training.**

During 1957, 20 men and 7 women went through courses of industrial rehabilitation and 4 men were trained in new occupations in Government Training Centres.

**(c) Sickness Morbidity.**

The following table gives the number of new claims of sickness benefit received for Jarrow and Hebburn for 1957 :—

Date.	New Claims.	
	1957	1956.
January ...	1,059	1,157
February ...	906	1,341
March ...	1,124	961
April ...	734	762
May ...	644	657
June ...	691	769
July ...	751	527
August ...	505	708
September ...	1,022	807
October ...	2,802	798
November ...	827	826
December ...	914	888
Totals ...	11,979	10,201



## (3) VITAL STATISTICS.

Live Births.	M.	F.	Total.	Rate
Total	302	282	584	
Legitimate	291	272	563	
Illegitimate	11	10	21	
Birth Rate				20.55
Comparability Factor				.91
Standardised Birth Rate				18.17
Illegitimacy Rate (percentage of Live Births)				3.59

**Still Births.**

Total	10	7	17	
Legitimate	10	7	17	
Illegitimate	—	—	—	
Rate per 1,000 live & still births				28.29

**Deaths.**

All Causes	198	150	348	
Death Rate				11.90
Comparability Factor				1.24
Standardised Death Rate				14.76
Maternal Death Rate				—

**Principal Causes (All Ages).**

				% age of total deaths
Heart Disease	57	41	98	28.16
Cancer	41	27	68	19.54
Respiratory disease	42	23	65	18.68
Vascular disease of nervous system	25	32	57	16.38

**Deaths of Infants Under One Year.**

Total	10	7	17	
Legitimate	10	7	17	
Illegitimate	—	—	—	
Infant Mortality Rate (per 1,000 live births)				29.11

**Principal Causes (Under One Year).**

Infection	3	1	4	23.53
Congenital deformity	1	2	3	17.65
Prematurity	5	1	6	35.29
Others	1	3	4	23.53

**Deaths of Infants Under 4 Weeks of Age.**

Total	6	5	11
Legitimate	6	5	11
Illegitimate			
Neo-Natal Mortality			18.84

**Birth Rates and Death Rates in the Year 1957**

\* Provisional figures based on Quarterly Returns.

	England & Wales.	Jarrow Borough.	
	Rates per 1,000 population.		
Births :—			Standardised Rates.
Live Births	16.1	19.97	18.17
Still Births (per 1,000 total births)	22.4	28.29	
Deaths :—			
All Causes	11.5	11.90	14.76
Infants under 1 year of age (per 1,000 live births).	23.0	29.11	

## The Registrar General's Short List of Causes of Death for 1957.

Causes of Death.	Male.	Female.	Total.
All Causes	198	150	348
Tuberculosis, respiratory	5	—	5
Tuberculosis, other	1	1	2
Syphilitic Disease	—	—	—
Diphtheria	—	—	—
Whooping Cough	—	—	—
Meningococcal Infection	—	—	—
Acute Poliomyelitis	—	—	—
Measles	—	—	—
Other infective & parasitic diseases	1	—	1
Malignant neoplasm, stomach	5	6	11
"    "    lungs & bronchus	15	2	17
"    "    breast	—	5	5
"    "    uterus	—	3	3
Other malignant & lymphatic neoplasms	21	10	31
Leukaemia, aleukaemia	—	1	1
Diabetes	1	1	2
Vascular lesions of nervous system	25	32	57
Coronary disease, angina	27	8	35
Hypertension with heart disease	2	6	8
Other heart disease	20	21	41
Other circulatory disease	8	6	14
Influenza	8	4	12
Pneumonia	7	6	13
Bronchitis	17	11	28
Other diseases of respiratory system	5	2	7
Ulcer of stomach and duodenum	2	—	2
Gastritis, enteritis and diarrhoea	1	—	1
Nephritis and nephrosis	—	4	4
Hyperplasia of prostate	2	—	2
Pregnancy, childbirth, abortion	—	—	—
Congenital malformations	2	2	4
Other defined and ill-defined diseases	13	16	29
Motor vehicle accidents	5	1	6
All other accidents	3	1	4
Suicide	2	1	3
Homicide and operations of war	—	—	—

The following table gives a resume of the chief vital statistics and rates for the borough during the last decade.

	1957.	1956.	1955.	1954.	1953.	1952.	1951.	1950.	1949.	1948.
Population	29,240	29,140	29,170	29,100	28,930	28,700	28,560	28,450	28,530	28,280
Birth Rate	20.55	21.41	21.25	21.99	21.05	19.65	17.44	20.91	20.64	22.52
Still Birth Rate	28.29	28.04	20.54	24.39	30.25	35.90	21.61	18.15	25.05	25.99
Death Rate	11.90	12.35	12.07	11.27	12.41	12.06	13.80	13.11	14.26	12.20
Maternal Mortality	—	—	0.03	1.52	1.59	—	—	—	1.65	—
Infantile Mortality	29.11	30.45	37.10	28.12	32.84	21.28	62.25	13.70	62.82	54.95
Tuberculosis Death Rate—										
Pulmonary	0.17	0.14	0.17	0.27	0.14	0.63	0.67	0.64	1.22	0.67
Non-pulmonary	0.07	0.07	0.03	0.03	0.10	0.03	0.04	0.10	0.07	0.25
Pneumonia (Death Rate)	0.45	0.41	0.69	0.34	0.31	0.38	0.32	0.74	0.81	0.71

#### Foot Notes.

The following of the above rates are calculated per 1,000 population :—Birth, Death, Tuberculosis and Pneumonia Death Rates.

The Still Birth, and Maternal Mortality Rates are calculated per 1,000 (live and still) births: The Infantile Mortality Rate is calculated per 1,000 live births.



**SECTION B.****General Provision of Health Services in the Borough.****A. PUBLIC HEALTH SERVICES.****(1a) STAFF.**

Medical Officer of Health and Area Medical Officer.

T. C. FALCONER, M.B., Ch.B., D.P.H.

Chief Public Health Inspector.

ROBT. C. THOMPSON, Cert. R.S.I., Cert. Meat Inspector,  
Cert. S.I.B., D.I.Hy.

Public Health Inspectors.

G. G. STANLEY, Cert. S.I.B., F.R.M.S., Cert. Meat  
Inspector. (Asst. Shops Inspector).

B. BERRY, Cert. R.S.I. & S.I.E.J.B., Cert. R.S.I. (Meat &  
Other Foods), Cert. R.I.P.H. & H. (Asst. Shops Inspector)  
(Resigned 31st December, 1957).

Pupil Public Health Inspector.

W. R. SIMPSON

Rodent Operator.

L. J. WILLOX.

Clerical Staff.

MRS. R. BRUNT.

MISS A. HOLMES.

**(b) Durham County Council Staff.**

Assistant Medical Officers.

Dr. L. ROSS, M.B., B.S., Maternity & Child Welfare

Dr. P. DIXON, M.B., B.S., Maternity & Child Welfare.

Dr. H. W. TONGE, M.B., Ch.B., Maternity & Child Welfare.  
(part-time)

Dr. K. M. STEVENS, M.B., B.S., C.P.H., Schools.

Dentist

Mrs. A. E. WALTON, L.D.S.

## Health Visitors.

Miss M. L. ENGLISH.  
Miss D. WATSON.  
Miss E. METCALFE.  
Miss M. DONKIN.

## District Nurses.

Miss F. LYALL, 134 Bede Burn Road.  
Miss O. HOGG, 39 Bede Burn Road.

## School Nurse.

Mrs. L. COSTIGAN.

## Dental Attendant.

Mrs. F. HARRISON.

## Home Help Organiser.

Mrs. E. M. MEREDITH.

## Clerk.

Mrs. D. M. WALTON.

## District Midwives.

Mrs. E. E. CUMMINGS, 23 The Crescent, Jarrow.  
Miss R. L. FRASER, 46 Lulworth Avenue, Jarrow.  
Miss B. McCARTHY, 13 Valley View, Jarrow.  
Mrs. L. J. McKAY, 12 Belsfield Gardens, Jarrow.  
Miss J. McDONALD, 51 Birch Street, Jarrow.

**(2) LABORATORY FACILITIES.**

Pathological and bacteriological specimens requiring examination are sent to the Public Health Laboratory, Newcastle General Hospital. Hereunder is a summary of the investigations carried out and the results obtained:—

	Positive.	Negative.	Total.
Tuberculosis Sputum .....	14	2	16
Enteric, Dysentery & Food Poisoning Groups .....	30	61	91
Total.....	44	63	107

The Comparative Total for 1956 was 1,093.

(3) **NATIONAL ASSISTANCE ACT 1948.****NATIONAL ASSISTANCE (AMENDMENT) ACT 1951.**

**Section 47**—Removal to suitable premises of persons in need of care and attention.

No action was necessary under this Section of the Act.

During the year visits were made by the Medical Officer of Health to a number of old people in the Borough and where necessary arrangements were made for admission to hostel or hospital, or the services of a home help were provided.

**Section 50**—Burial and Cremation of the Dead.

Applications were made for the burial of one aged person. Arrangements were made for the burial at a cost of £17 5s.

(4) **REFUSE REMOVAL AND DISPOSAL.**

The Borough Engineer has kindly supplied the following details of this service which is under his control:—

**Refuse Collection.**

No. of premises from which refuse is collected .....	10,239
Total refuse disposed of .....	14,639 tons
Methods of disposal—	
Controlled tipping .....	98%
Separation and incineration .....	2%

**Street Cleansing.**

Mileage of streets cleansed .....	45
Frequency of cleansing—	
At least once a day .....	11%
Three to five times weekly .....	11%
Twice weekly .....	16%
Once weekly .....	26%
Once fortnightly .....	36%
Total miles cleansed during the year .....	4,833
Percentage of street cleansing done by	
mechanical means .....	51%
Weight of street and gulley refuse .....	1,965 tons

**(5) RODENT CONTROL.****The Prevention of Damage by Pests Act, 1949.****The Prevention of Damage by Pests (Application to Shipping)  
Order, 1951.**

One full-time Rodent Operator has been employed during the year. Another operator was engaged from 25th November, 1957. The work is carried out under the supervision of the Chief Public Health Inspector.

This service is free to householders but a charge is made for business premises.

The following is a summary of the work completed during the year :

No. of complaints received and investigated .....	255
No. of visits to premises .....	701
No. of business premises treated .....	20
No. of residential premises treated .....	171
No. of allotments treated .....	8
No. of premises surveyed where treatment not necessary .....	59
No. of sites surveyed where treatment not necessary .....	5
No. of 3rd party premises treated and cost charged .....	20
Total cost charged .....	£22 15s. 1d.

**Sewer Maintenance Treatment.**

Two sewer maintenance treatments were carried out :—

Treatment No.	No. of Man-holes Baited.	No. of Man-holes showing Pre-bait takes	No. of Man-holes showing Poison Bait takes.
25	291	140	116
26	292	171	101

**Corporation Tip.**

Two treatments were carried out :—

Treatment No.	Points showing Pre-bait Takes.	Points showing Poison Bait Takes.
3	26	18
4	36	30

**No. 2 Quay.**

One treatment was carried out :—

Treatment No.	Points showing Pre-bait Takes.	Points showing Poison Bait Takes.
23	27	20

Corporation properties treated other than tips and sewers .....	3
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**B. NATIONAL HEALTH SERVICE ACT, 1946.**  
(PART III).

The following personal health services are provided by Durham County Council and are administered through No. 2 Area Health Sub-Committee on which the Borough is represented by five members.

**CARE OF MOTHERS AND YOUNG CHILDREN.**

**Section 22.**

The following clinics are held weekly:—

**Ante-Natal.**

Sessions: Walter Street Clinic—Alternate Thursdays 9 a.m.—4 p.m.  
Gordon House—Alternate Mondays 1-30 p.m.  
—Tuesday, Wednesday & Friday 1-30 p.m.  
(for Danesfield Bookings).

The following table shows the number of expectant mothers who attended the clinics and the number of visits which these mothers paid to the clinics during the year:—

	No. of Mothers.	No. of Attendances.
Gordon House ... ..	37	125
Walter Street ... ..	147	519
Total ... ..	184	644

**Child Welfare.**

Sessions:

Walter Street Clinic—Monday & Tuesday ... .. 1-30 p.m.  
Simonside Clinic—Wednesday ... .. 1-30 p.m.

The following table shows the number of infants and toddlers who attended the clinic and the number of visits these children made to the clinic throughout the year:—

Centre	No. of Children			Attendances		
	Under 1 year	1-2 years	2-5 years	Under 1 year	1-2 years	2-5 years
Walter Street ...	321	93	131	2543	346	349
Simonside .....	190	41	64	20	149	200
Totals .....	511	134	195	2563	495	549

**Post-Natal.**

Session: Walter Street Clinic—Alternate Thursdays 1-30 p.m.

16 mothers attended the clinic on one or more occasions. The total number of attendances during the year was 32.

**Birth Control.**

Session : Walter Street Clinic—Alternate Thursdays 1-30 p.m.

Advice was given to 88 mothers.

**Artificial Sunlight Clinic.**

Sessions :

Walter Street Clinic—Monday & Friday 9 a.m. & 1-30 p.m.

175 mothers and children attended the clinic during the year. The total number of attendances during the year was 1,465.

**MIDWIFERY.****Section 23.**

There are five County Midwives in Jarrow. No Midwives practice privately in the area. During the year they attended 263 confinements which represents 43.76% of the total births. Last year 32.66% of expectant mothers had their babies at home.

**Domiciliary Midwifery.**

Doctor.	Booked.	Not Booked.	Analgesics.	
			Gas & Air.	Pethidine.
Present at delivery ...	23	3	13	16
Not present at delivery ...	183	54	123	151
Total ...	206	57	136	167

**HEALTH VISITING.****Section 24.**

Four health visitors serve the Borough. The following domiciliary visits were paid during 1957 :—

Maternity and Child Welfare ...	6,272
Tuberculosis ...	1,061
Mental deficiency ...	188
Schools ...	48
General Health ...	6
Aged People ...	31
	<hr/>
	7,606

The percentage of ineffective visits was 13.2%.

**HOME NURSING.****Section 25.**

Two whole-time nurses were employed during the year. They made the following visits :—

	Cases.	Visits.
Medical	197	5,807
Surgical	95	2,224
Tuberculosis	8	309
Maternal complications	2	26
Infectious Diseases	1	15
Others	—	84
	303	8,465

**VACCINATION AND IMMUNISATION.****Section 26.**

The following tables give the number of children vaccinated and immunised at the clinics and by the doctors in the Borough :—

VACCINATION.					RE-VACCINATION.		
Under 1 year	1-5	5-15	15 & over	Total	1-15	15 & over	Total
201	19	6	11	237	5	21	26

DIPHTHERIA IMMUNISATION: Session—Walter Street Clinic—  
Friday 9-30 a.m.

Primary Immunisations.								Re-inforcing injections.					
Under 1 year	1	2	3	4	5-9	10-14	Total	3	4	5-9	10-14	Total	
166	105	28	12	14	12	1	338	—	57	70	—	127	

**IMMUNISATION AGAINST POLIOMYELITIS**

In 1956, when immunisation against poliomyelitis was first commenced, the vaccine was in short supply and immunisation could be offered only to children born in certain months in the years 1947 to 1954 inclusive. The supply position, however, improved during 1957 and vaccine from a second British manufacturer became available. In accordance with instructions received from the Ministry of Health in

May, 1957, the eligible groups were extended to include children born in the years 1947 to 1954 inclusive who had not hitherto been registered and also children born in the years 1955 and 1956. In November, 1957, the offer of vaccine was further extended to include children born in the years 1943 to 1946 inclusive and children born in 1957 who had attained the age of six months. At the same time, other categories who became eligible included expectant mothers, Medical Practitioners and their households, Ambulance drivers and their families etc.; these categories were not, however, dealt with until early 1958.

During the year 1957 the complete course of two injections was given to 1076 children and 277 children received one injection.

### INFLUENZA VACCINE

In November, 1957, a supply of vaccine designed to give protection against Asian type influenza was received; vaccination was offered to general practitioners, ambulance drivers, health visitors, district nurses, and midwives, and the offer was later extended to include domestic helps.

### AMBULANCE SERVICE.

#### Section 27.

The Borough of Jarrow is served by the Hebburn Ambulance Control which is situated at 1, St. John's Avenue, Hebburn. Telephone 32157.

The Control is manned by four clerk-telephonists maintaining a 24-hour service. No. 2 Health Area is covered primarily by vehicles from the Hebburn Depot which has an establishment of one head driver, 28 drivers and 8 ambulances, of which 2 at present are radio-controlled.

It is intended to build a new depot at Hebburn and also to set up a Co-ordinating Control Centre near Durham. This should ensure a more efficient service.

The Hebburn Depot serves the population in the Borough of Jarrow, the Urban Districts of Felling, Hebburn, Boldon and Washington and part of Sunderland Rural District. The present population is 125,000 persons of which about two-thirds live on the river side in Jarrow, Hebburn and Felling.

The table below gives details of the work done by Hebburn Depot during the year:—

Calls.	Persons carried.			Mileage.
	Stretcher.	Sitting	Total.	
11,329	5,614	22,572	28,186	164,320



## PREVENTION OF ILLNESS, CARE and AFTER CARE.

### Section 28.

Cases discharged from hospital and requiring after-care are treated by the home nurses or supervised and advised by the health visitors. Sick room equipment such as urine bottles, bed pans, bed rests, air cushions, mattresses and rubber sheeting, can be had on loan.

## DOMESTIC HELP SERVICE.

### Section 29.

67 home helps were employed in the Borough during the year and they attended 88 cases. In 1957 there were 26 new cases provided with home helps. The following types of cases were served:—

Old Age Pensioners	...	...	...	110
Sickness	...	...	...	4
Tuberculosis	...	...	...	—
Maternity	...	...	...	—
				114

## C. HOSPITAL SERVICES.

The local hospital services are administered by the South Shields and District Hospital Management Committee on behalf of the Newcastle Regional Hospital Board. The following hospitals serve this area:—

Hospital.	Type.	No. of Beds.	Departments.	Clinics.
Palmer Memorial,	GENERAL	25	General Surgery E.N.T. Dermatology Casualty	General Surgery Medical Dermatology E.N.T.
Primrose Hill,	CHRONIC & LONG TERM SICK	24	Chronic Sick	—
Danesfield	MATERNITY	15	Obstetrics	Ante-Natal
Ellison Hall Infy.,	GENERAL	27	General Surgery E.N.T. Casualty	General Surgery
Hebburn Hospital,	CHRONIC & LONG TERM SICK	24	Chronic Sick	—

Infectious Diseases cases are admitted to Sheriff Hill Hospital, Gateshead and Walkergate Hospital, Newcastle. Surgical and medical cases are treated at the Ingham Infirmary and the General Hospital, South Shields. A Geriatric Unit at the latter hospital admits chronic sick cases from the Borough.

**CLINICS.****Chest Clinic.**

This clinic is situated at Homer Villa, St. John's Terrace, Jarrow, and is controlled by the Regional Hospital Board. The times of the clinics are as follows :—

<b>Men—</b>	Mondays & Wednesdays	9-30—10-30 a.m.
<b>Women—</b>	Mondays & Wednesdays	2 p.m.—3 p.m.
<b>Contacts &amp; Children—</b>	Tuesdays & Fridays	2 p.m.—3 p.m.

**Venereal Diseases Clinic.**

The clinics at Newcastle and South Shields serve this area. The times of attendances are as follows :—

**South Shields Clinic, Stanhope Road.**

<b>Monday—</b>	9 a.m.—1 p.m. (men) 5 p.m.—7-30 p.m. (women)
<b>Tuesday—</b>	9 a.m.—1 p.m. (men) 5-30 pm.—7-30 p.m. (men)
<b>Wednesday—</b>	9 a.m.—1 p.m. (Men) 2-30 p.m.—5 p.m. (women)
<b>Thursday—</b>	9 a.m.—1 p.m. (men) 5-30 p.m.—7-30 p.m. (men)
<b>Friday—</b>	9 a.m.—1 p.m. (men) 5-30 p.m.—7-30 p.m. (men)
<b>Saturday—</b>	9 a.m.—11-30 a.m. (men) 11-30 a.m.—1 p.m. (children & women)

**Newcastle General Hospital.**

**Males & Females:** Monday to Friday—9-30 a.m. to 12 noon and  
2 p.m. to 7 p.m.

Persons residing in Jarrow treated at V.D. Clinics.

Treated at	Syphilis.		Gonorrhoea.		Non-Venereal.	
	M.	F.	M.	F.	M.	F.
V.D. Clinic Newcastle ...	2	1	3	—	7	4
V.D. Clinic South Shields...	—	—	2	—	10	4

**Mass X-Ray.**

I am indebted to Dr. Marienfeld for the following figures :—

**Mass Miniature Radiography held in Jarrow Area—1957**

	Males.	Females.
Total Miniatures ... ..	1607	2012
Total Large Films ... ..	43	54
Total referred to Chest Clinic	13	18

**Blood Transfusion.**

The Centre for this area is situated in Newcastle. Regular blood donor sessions are held in the region served by the Newcastle centre.

Mr. G. Tait Hunter, the Regional Donor Organiser, has kindly given the following information about sessions held in Jarrow during 1957:—

No. of sessions held in Jarrow ... ..	4
No. of Donors attending (May) ... ..	194
No. of donors attending (November) ... ..	191
Panel strength at 31/12 57 ... ..	304
New donors 1957 ... ..	47

**D. EXECUTIVE COUNCIL.**

There are fourteen doctors practising within the Borough; there are seven practices including three partnerships. The Simonside Housing Estate is served by the privately owned surgery premises in Perth Avenue which are shared by the doctors in the town.

**OTHER LOCAL HEALTH AUTHORITY SERVICES.****(1) Distribution of Welfare Foods.**

The following amounts of Welfare Foods were distributed during 1957:—

**Walter St. Clinic. Simonside Clinic.**

National Dried Milk .....	25,018	5,658
Cod Liver Oil .....	4,133	835
Vitamin Tablets .....	1,230	182
Orange Juice .....	19,356	4,456

Issuing Sessions:—

**Walter Street:** Monday 9-30 till 12. 1-30 p.m.

Tuesday 1-30 p.m. (Clinic mothers only).

Friday 1 p.m.

**Simonside:** Wednesday 1-30 p.m.

**(2) Mental Health.****Lunacy & Mental Treatment Acts.**

No. of cases investigated .....	57
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**Admissions to hospital.**

Urgency Order .....	7
Certified Patients.....	3
3-Day Orders .....	42
14-Day Orders .....	2
Relapse on Trial .....	1
Escape and recapture .....	1
Voluntary Patients .....	35
Temporary Patients .....	—
	<hr/>
	84
	<hr/>

**Mental Deficiency Acts.**

Under supervision and guardianship.....	61
In Institutions .....	45
	<hr/>
	106
	<hr/>

**Education Act.**

Children notified during the year	
as (a) Ineducable .....	3
(b) Requiring supervision after leaving school .....	4
	<hr/>
	7
	<hr/>



**Report of the Chief Public Health Inspector.**

Public Health Inspectors' Office,  
Town Hall,  
Jarrow.

TO THE MEDICAL OFFICER OF HEALTH.

SIR,

In writing the Report for 1956, I thought it was to be my last report, but, the Council having retained my services for three months, I have pleasure in presenting the report of the work carried out by the Public Health Inspector's Department during the year 1957.

It will be noted that in some items the number of visits have changed perceptibly from those of 1956. This has been brought about by the Clearance Areas dealt with not being as large as those Areas in the previous year, nor was the work in relation to Food Hygiene so great as to the number of premises visited, but the actual work carried out was more apparent. Difficulty has again been met in enforcing the provisions of the Food Hygiene Regulations, 1955, in relation to small lock-up shops and combined house-shops.

The work for the immediate future will be the carrying out of the Council's Slum Clearance Programme; the provisions of the Clean Air Act and the continued work in relation to the Food Hygiene Regulations 1955.

There is still need for an additional Public Health Inspector so that the number of Inspectors will be equal to those employed in 1936.

ROBT. C. THOMPSON,  
Chief Public Health Inspector.

## SECTION C.

**Sanitary Circumstances of the Area.**

**WATER SUPPLY.**—The Sunderland and South Shields Water Company supplies the Borough with a piped supply of water which is constant in quantity and quality.

Service pipes are laid on to all premises within the Borough, but many of the houses in the old part of the town have the supply to a tap in the yard only.

No complaints in relation to the water supply have been received during the year.

C. A. Serpell, Esq., B.Eng., M.I.C.E., M.I.W.E., Engineer, of the Sunderland and South Shields Water Company has supplied the following summary of the bacteriological water examinations made in the Company's laboratory during 1957, which includes all the various sources which may supply Jarrow with water.

	No. of Samples	Coliform Percentages	
		Percentages Negative in 100 ml.	Percentage Positive in 100 ml.
Wells and other sources ...	225	92.4	7.6
Reservoirs ...	99	88.9	11.1
Taps ...	79	97.5	2.5

In only 2% of all samples tested was there more than 1 coliform organism per 100 ml.

The whole of the water supplied by this Company is chlorinated.

**BACTERIOLOGICAL EXAMINATIONS**

Reports on Samples of Water submitted to the Public Health Laboratory.

No. of Sample	No. of Coliform Bacilli MacConkey 2 days 37 C.
4 57	Nil per 100 ml.
5 57	Nil per 100 ml.
6 57	Nil per 100 ml.
7 57	Nil per 100 ml.
8 57	Nil per 100 ml.

The following Samples Nos. 2/57 and 3/57 were submitted to the Public Analyst who found as follows:—

**Samples Nos. 2/57 & 3/57**—Taken at 49 Thames Avenue, Calf Close Lane Estate.

<b>Sample No. 2/57</b>					<b>Parts per 100,000</b>
Chlorine as Chlorides	...	...	...	...	3.7000
Nitrogen as Nitrates	...	...	...	...	0.1552
Ammonia	...	...	...	...	0.0041
Albuminoid Ammonia	...	...	...	...	0.0048
Oxygen Absorption	...	...	...	...	0.0594
Injurious Metals	...	...	...	...	None
Total Solid Matter dried @ 100° C.	...	...	...	...	38.0000
pH value of Sample	...	...	...	...	7.5
Temporary Hardness	...	...	...	...	14.2 Degrees
Permanent Hardness	...	...	...	...	10.7 Degrees
Colour of Sample on Hazen Scale	...	...	...	...	5
Appearance of Sample in 2 foot tube	...	...	...	...	Not quite Clear
Odour when heated to 50° C	...	...	...	...	None

#### **MICROSCOPICAL EXAMINATION**

Satisfactory.

#### **BACTERIOLOGICAL EXAMINATION—Sample No. 3/57**

Number of colonies on Nutrient Agar @ 37° C. after 72 hours—1 per ml.

Number of colonies on Nutrient Agar @ 20-22° C. after 72 hours—  
0 per ml.

Presumptive B. Coli Test @ 37° C. after 72 hours—Negative in 100 ml.

Clostridium Welchii Test @ 45° C. in 40 ml.—Negative.

#### **OBSERVATIONS**

The chemical analysis of this sample affords no evidence of contamination by drainage associated with excessive nitrogenous constituents such as are usually associated with sewage; the microscopical examination shows that it is free from any contamination by matters derived from the surface and the bacteriological examination leaves no doubt that the supply represented by this sample is of the highest order of bacterial purity, consequently it is of good and wholesome quality for all domestic purposes.

**Sample No. 10 57**—Taken at 22, Ribble Walk, Primrose

	Parts per 100,000
Chlorine as Chlorides	3.5500
Nitrogen as Nitrates	0.1221
Ammonia	0.0017
Albuminoid Ammonia	0.0055
Oxygen Absorption	0.0522
Injurious Metals	None
Total Solid Matter dried @ 100° C.	40.0000
pH value of Sample	7.7
Temporary Hardness	15.1 Degrees
Permanent Hardness	10.7 Degrees
Colour of Sample on Hazen Scale	3
Appearance of Sample in 2 foot tube	Not quite bright
Odour when heated to 50° C.	None

#### MICROSCOPICAL EXAMINATION

Satisfactory.

#### BACTERIOLOGICAL EXAMINATION

Number of colonies on Nutrient Agar @ 37° C.	
after 72 hours	1 in 2 ml.
Number of colonies on Nutrient Agar @ 20-22° C.	
after 72 hours	3 in 2 ml.
Presumptive B. Coli Test @ 37° C. after 72 hours	Negative in 100 ml.
Clostridium Welchii Test @ 45° C. in 40 ml.	Negative
Residual Chlorine	None

#### OBSERVATIONS

The chemical analysis shows that this sample represents a supply free from excessive proportions of nitrogenous constituents, such as are usually associated with undesirable drainage, and there is no evidence of contamination by undesirable matters derived from the surface. The bacteriological examination shows that the sample is of a very high order of purity consequently the supply is of good and wholesome quality for human consumption.

**DRAINAGE AND SEWERAGE.**—The Borough Engineer has supplied the following particulars:—

Total number of water closets fixed during the year	318
Total number of water closets in the Borough	11,171

**RIVERS AND STREAMS.**—There has been no change during the year from putting crude sewage from the town sewerage system into the Rivers Tyne and Don.



**THE CLEAN AIR ACT, 1957**  
**RECORDING OF ATMOSPHERIC POLLUTION.**

**DEPOSIT GAUGE READINGS—MONKTON DENE PARK.**

1957.

Month.	Rainfall.	DEPOSIT TONS PER SQUARE MILE.							Total Solids.	Sulphur Index.	
		INSOLUBLE.				SOLUBLE.					
		Tar.	Ash.	Others.	Total.	Total.	Lime.	Cl.			Sul.
Jan.	1.09	0.13	3.79	1.28	5.20	4.83	0.44	1.25	1.52	2.66	
Feb.	1.78	0.27	3.98	2.03	6.28	6.89	0.41	1.42	1.62	2.60	
Mar.	0.94	0.27	3.78	0.64	4.69	5.24	0.37	0.54	1.22	2.11	
April	0.42	0.17	3.18	1.92	5.27	3.24	0.30	0.68	1.11	1.78	
May	1.98	0.17	3.07	1.22	4.46	5.13	0.30	0.91	1.28	1.65	
June	1.46	0.10	4.73	2.36	7.19	4.36	0.47	0.84	1.55	1.12	
July	2.97	0.27	3.04	1.62	4.93	4.63	0.37	1.01	1.59	0.96	
August	2.92	0.17	4.69	1.22	6.08	5.30	0.44	1.01	1.86	1.07	
Sept.	3.44	0.13	3.21	0.64	3.98	5.34	0.54	1.18	1.49	1.57	
Oct.	1.67	0.17	2.87	0.17	3.21	5.40	0.51	0.57	1.69	1.04	
Nov.	0.99	0.17	2.74	0.64	3.55	5.13	0.37	0.91	1.32	1.61	
Dec.	1.30	0.10	3.71	1.69	5.50	5.07	0.34	1.22	1.59	2.78	

Sulphur Dioxide (etc.) in air, measured by the mean rate of sulphation of a standard 'lead peroxide candle' exposed in the approved louvered box. The amounts are expressed as 'milligrams of sulphur trioxide fixed per day per 100 square centimetres of Batch "A" standard lead peroxide'

Authority was given by the Council to purchase an additional Deposit Gauge and Lead Peroxide Candle. This will, however, not come into use until early in 1958.

"Prior Approval" was granted to Messrs. Shell Mex and B.P. Ltd., for the erection of boilers at their Jarrow Intsallation, Short Row, Jarrow

**Sanitary Inspection of the Area.**  
**Public Health Act and Housing Acts, etc.**

	No. of Inspection- tions.	No. of Statutory Notices served.	Defects Remedied after Notice.	Legal Proceedings and General Remarks.
Housing:				
Public Health and Housing Acts ....	647	144	620	
Overcrowding .....	2	—	—	
Sanitary Conveniences—				
Insufficient .....	2	2	2	
Defective .....	16	16	16	
Drainage .....	130	—	—	All new Council House drains are now tested by the Health Dept. Staff.
Water Supply .....	6	—	—	
Food Premises .....	353	—	—	
Shops Act .....	38	—	—	
Dairies .....	127	—	—	
Slaughter Houses—				
Public .....	—	—	—	
Private .....	—	—	—	
Tents, Vans, etc. ....	7	—	—	
Offensive Trades .....	—	—	—	
Factories and Work- places .....	29	1	5	
Keeping of Animals...	1	—	—	
Insanitary Ashpits and Receptacles ....	11	—	—	
Offensive Accumula- tions .....	63	—	—	
Smoke Nuisances ....	31	—	—	
Prevention of Damage by Pests Act, 1949.,	50	—	—	This does not include work done by the Rodent Operator.
Totals ...	1,513	163	643	

The following table shows in detail the inspections carried out by the Public Health Inspectors during 1957 :—

General Sanitation, etc.	Total Inspections.
Water Supply .....	6
Drainage .....	130
Stables and Piggeries .....	38
Fried Fish Shops .....	2
Tents, Vans and Sheds .....	7
Factories .....	32
Workplaces .....	2
Bakehouses .....	3
Refuse Collection .....	11
Refuse Disposal .....	63
Rats and Mice .....	50
Atmospheric Pollution .....	31
Schools .....	3
Shops .....	11
Miscellaneous Sanitary Visits .....	102
Shops Act, 1950, Section 38 .....	38
Pet Animals Act 1951 .....	4
<b>Housing.</b>	
Under Public Health Acts—	
No. of houses inspected .....	157
Visits paid to above houses .....	195
Under Housing Acts—	
No. of houses inspected .....	490
Visits paid to above houses .....	627
Overcrowding—	
No. of houses inspected .....	2
Visits paid to above houses .....	2
Verminous Premises—	
No. of houses inspected .....	35
Visits paid to above houses .....	50
Miscellaneous Housing Visits .....	93
Rent Act, 1957 .....	45
<b>Infectious Diseases.</b>	
Inquiries in cases of infectious diseases .....	14
Visits re disinfection .....	17
Miscellaneous infectious disease visits .....	4

**Meat and Food Inspection.**

## Inspection of Meat—

Visits to Shops and Stalls .....	3
Visits to other premises .....	1
Visits to Butchers .....	65
Visits to Canteens .....	3
Visits to Dairies and Milk Distributors .....	127
Visits to Fishmongers and Poulterers .....	3
Visits to Food Preparing Premises .....	27
Visits to Grocers .....	59
Visits to Greengrocers and Fruiterers .....	15
Visits to Ice-cream Premises .....	6
Visits to Street Vendors and Hawkers' Carts .....	2
Visits to Bakeries .....	5
Visits in Connection with Food Hygiene Regulations 1955 .....	61

**Visits in connection with Sampling.**

Milk—Bacteriological .....	10
Ice-Cream .....	22
Food and Drugs Samples .....	23
Miscellaneous Food Visits .....	11

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Total ... 2,707

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The total number of complaints to receive attention was 367.

**Fish Friers and Offensive Trades.**

No. of fish friers' premises .....	11
No. of rag and bone dealers' premises .....	1

**The Rag Flock and Other Filling Materials Regulations, 1951.**

There are no registered premises in the Borough.

**Pet Animals Act, 1951.**

A licence has been renewed to use premises as a Pet Shop. The premises have been kept in a satisfactory condition.

**Swimming Baths and Pools.**

The water in the Walter Street Swimming Baths is tested daily and a satisfactory standard has been maintained.

A sample of Water No. 157 taken from the Swimming Bath and sent to the Public Health Laboratory, Newcastle, was reported upon as follows:—

Probable number of coliform bacilli MacConkey, 2 days, 37° Nil  
for 100 ml.



**Schools.**

Three schools and one school canteen were disinfested of rodents during the year.

**Infectious Diseases.**

Inquiries are made and disinfection carried out by the Public Health Inspectors.

Inquiries in cases of Infectious Disease .....	14
Visits re disinfection .....	17
Miscellaneous infectious disease visits .....	4

**Factories Acts, 1937 and 1948.**

1. Inspections for purposes of provisions as to health, including inspections made by Public Health Inspectors.

Premises.	No. of Inspections.	No. of Written Notices.	No. of Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities ... ..	8	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	18	1	—
(iii) Other Premises in which Section 7 is enforced by the Local Auth- ority (excluding out-workers premises) ... ..	3	—	—
<b>Totals</b> ... ..	<b>29</b>	<b>1</b>	<b>—</b>

2. Defects found:—

Particulars.	Number of Defects		Number of Prose- cutions
	Found.	Remedied.	Referred by H.M. Inspector.
Want of cleanliness ... ..	—	—	—
Overcrowding ... ..	—	—	—
Unreasonable temperature ... ..	—	—	—
Inadequate ventilation ... ..	—	—	—
Ineffective drainage of floors ... ..	—	—	—
Sanitary Conveniences—			
Insufficient ... ..	2	2	1
Unsuitable or defective ... ..	2	2	—
Not separate for sexes ... ..	—	—	—
Other offences against the Act (not including offences relating to Outwork) ... ..	1	1	—
<b>Total</b> ... ..	<b>5</b>	<b>5</b>	<b>1</b>

## SECTION D.

## Housing.

## TABULAR STATEMENT FOR THE YEAR 1957.

New Houses Completed during Year.	With State assistance.	Unaided.	Total.
(a) By local authority ...	232	—	232
(b) By any other Housing Authority ...	—	—	—
(c) By private persons ..	—	15	15

**Housing Act 1949.—Improvement Grants.** **No. of Separate houses.**

(a) Applications submitted to local authorities during the year	Nil
(b) Applications approved during the year	Nil
(c) Total number of applications approved since the inception of the scheme	2

## HOUSING ACT, 1936.

The Charles Street Clearance Area comprising 310 houses has been confirmed by the Minister of Housing and Local Government. 829 persons, consisting of 234 families and 58 single persons, have all been re-housed.

Jarrow—	Numbers of			Single
	Houses	Persons	Families	Persons
(Burns St.) Clearance Area 1957	39	110	28	6
(Gray Street) Clearance Area 1957	49	148	38	10
(Grange Rd. No. 1) Clearance Area 1957	1	7	1	—
(Grange Rd. No. 2) Clearance Area 1957	3	7	2	—

The above Areas were represented by the Medical Officer of Health on 4th March, 1957 and the Council declared them to be Clearance Areas on 26th March, 1957. A Compulsory Purchase Order was made on 30th April, 1957 and a Public Local Inquiry was held on 17th September, 1957.

These Areas were confirmed by the Minister, subject to one house being excluded from the Order.

Jarrow—	Numbers of			Single
	Houses	Persons	Families	Persons
(Market Sq. No. 1) Clearance Area	3	7	2	1
(Market Sq. No. 2) Clearance Area	11	35	9	2
(Market Sq. No. 3) Clearance Area	7	—	—	—
(Market Sq. No. 4) Clearance Area	41	90	26	8
(Market Sq. No. 5) Clearance Area	69	219	57	10

The above Areas were represented by the Medical Officer of Health on 2nd September, 1957 and the Council declared them to be Clearance Areas on 24th September, 1957. A Compulsory Purchase Order was made on 29th October and a Public Local Inquiry is to be held on 15th April, 1958.

#### **Tents, Vans, Sheds and Similar Structures.**

There are no tents, sheds or similar structures as permanent dwellings in the Borough.

## SECTION E.

## Food Hygiene.

### Inspection and Supervision of Food.

**Milk Supply.****Milk and Dairies Regulations, 1949.**

The following are registered under these Regulations:—

Dairies .....	2
Distributors .....	96

**The Milk (Special Designations) (Raw Milk) Regulations, 1949.**

No. of licences issued .....	5
------------------------------	---

**The Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949.**

No. of licences issued:—

Pasteurised .....	20
Sterilised .....	91

**Results of Examination of Milk.**

	No. of Samples Submitted.	Passed.	Failed.
<b>Tuberculin Tested Milk—</b>			
Methylene Blue Test .....	3	2	1*
<b>Tuberculin Tested Pasteurised Milk—</b>			
Methylene Blue Test .....	6	5	1†
Phosphatase Test .....	6	5	1†
<b>Pasteurised Milk—</b>			
Methylene Blue Test .....	9	7	2†
Phosphatase Test .....	9	7	2†
<b>Sterilised Milk—</b>			
Turbidity Test .....	5	5	—

\* Letter sent to vendor.

† Test void.

**Inspection of Meat in Slaughterhouses.****The Public Health (Meat) Regulations, 1924.**

There are no slaughterhouses in the Borough. Local butchers buy their supplies from Wholesalers in Newcastle or South Shields. Attention has been given to the meat carriers' vans.



**The Slaughter of Animals Act, 1933.**

There are three slaughtermen licensed in the Borough.

**Report on Analyses of Ice Cream Samples.**

Sample No.	Fat	Sugar as Cane Sugar.
2/57	—	—
17/57	7.63%	8.30%

**Food and Drugs Act 1955—Section 8.****Sale of Food Unfit for Human Consumption.**

Complaint was received from a person who purchased a "cut" white loaf (wrapped), that there was a piece of string embedded in the side and bottom of the loaf. After enquiries, a letter of warning was sent to the firm concerned.

Complaint was received from a person who purchased a meat pie in which were found two pieces of metal. After enquiries a letter of warning was sent to the firm concerned.

**Food Condemned during 1957**

Pork .....	430 lbs.
Beef .....	408½ lbs.
Corned Beef .....	72 lbs.
Ham .....	88 lbs.
Mutton .....	92 lbs.
Tongue .....	18½ lbs.
Bacon .....	14 lbs.
Ox Livers .....	87 lbs.
Ox Tails .....	15 lbs.
Sausage .....	41 lbs.
Rabbit .....	8 lbs.
Jellied Veal .....	6 lbs.
Tinned Meats .....	12 lbs.
Meat Pies .....	3½ lbs.
Tinned Vegetables .....	82 lbs.
Tinned Fruits .....	45 lbs.
Soup .....	7 lbs.
Fish .....	4 lbs.
Miscellaneous Foodstuffs .....	6 lbs.
Milk (Canned) .....	2 lbs.
Total	1,444 lbs.

**The Food and Drugs Act 1955.****The Food and Drugs (Amendment) Act 1954.****Inspection of Food Premises.****Registered Premises—Section 16.**

Pork Butchers .....	7	
Butchers .....	2	
Fish Cake Manufacturers .....	2	
Pie Manufacturers .....	3	
Ice-Cream Manufacturers .....	2	
Ice-Cream Retailers .....	52	
		68

**Food Premises—numbers and types of businesses.**

Butchers .....	27	
Pork Butchers .....	7	
Bakers .....	9	
Caterers & Restaurants .....	5	
Canteens—Industrial .....	6	
School Meals Kitchens .....	3	
Confectionery Retailers .....	20	
Fish and Poultry Dealers .....	6	
Fried Fish Shops .....	11	
Fruiterers .....	23	
Grocers and Provision Dealers .....	23	
General Dealers .....	59	
		199
No. of visits to food premises .....		353

**The Food Hygiene Regulations 1955.**

No. of visits to food premises .....	61
--------------------------------------	----

Many of the occupiers have complied with Regulations but there still remains a number of the smaller type of shop, especially the house-shop, where the full requirements of the Regulations have not been complied with.

**The Ice Cream (Heat Treatment, etc.) Regulations, 1947-1952.**

There are two premises registered for the manufacture of ice cream, and one of these was not in use during the year.

There are 52 premises registered for the sale of ice cream.

### Report on Bacteriological Examination of Samples of Ice Cream.

16 samples of Ice Cream were submitted for the Methylene Blue Test and were graded as follows:—

Provisional Grading.	No. of Samples.
1	10
2	2
3	1
4	3

Letters of warning were sent to the Manufacturers/Vendors of the samples in Grade 4.

### The Food and Drugs Act 1955.

The following table gives details of samples purchased under the Act and submitted to the Public Analyst and the results of his analyses:—

Article Analysed.	No. of samples submitted for analysis.			No. Genuine.	No. not Genuine.
	Total.	Formal	Informal.		
Milk T.T. Pasteurised .....	1	1	—	1	—
Milk, Pasteurised .....	4	4	—	4	—
Milk, Sterilised .....	7	7	—	7	—
Butter .....	3	3	—	3	—*
Ice Cream .....	2	1	1	2	—
Lard .....	1	1	—	1	—
Tea .....	2	2	—	2	—
Essence of Coffee & Chicory	1	—	1	1	—
Pepper (White) .....	1	—	1	1	—
Curry Powder .....	1	1	—	1	—
Rice, Ground .....	1	—	1	1	—
Ginger, Ground .....	1	1	—	1	—
Almonds, Ground .....	1	—	1	1	—
Lemon Peel, (candied) .....	1	—	1	1	—
Raisins (stoneless) .....	1	—	1	1	—
Suet, Beef (Shredded) .....	1	—	1	1	—
Chicken & Ham Meat Paste	1	—	1	1	—
Apple & Strawberry Jam ...	1	—	1	1	—
Table Jelly .....	1	—	1	1	—
Prunes in Syrup .....	3	—	3	3	—†
Cream Cake .....	1	—	1	—	1‡
Pork Pie .....	1	1	—	1	—
Sausage, Beef .....	1	1	—	1	—
Mince (Meat) .....	1	1	—	1	—
Dripping .....	1	1	—	1	—
Totals	40	25	15	39	1

"One of these samples of Butter was submitted because of the taste. The Analyst reports as follows:

"The complaint about the taste of the Butter represented by this sample has some foundation, for it appears to have been reconditioned to judge by the taste, but it is undoubtedly, genuine Butter."

{This Cream Cake was submitted to the Analyst because of a complaint of a foreign substance in it. The Analyst reports as follows:—

"The foreign substance undoubtedly has been derived from a portion of rabbit skin to which the fur adheres, and it certainly is not in any way related to a mouse or other similar rodent, consequently there is no doubt that the cake represented by this sample is not fit for human consumption."

A letter was sent to the firm by the Town Clerk.

{Following the receipt of the County Analyst's Certificate, in relation to a sample of Prunes in Syrup purchased in this Borough, wherein it states: "This sample contained—Tin—400 parts per million".

Observations: "I am of the opinion that this sample contained an excessive amount of tin. Foodstuffs should not normally contain more than 250 parts per million of tin," the vendors of the prunes were requested by the Council to withdraw the remaining stock from sale. Not only did they stop the sale in the local store, but at all their stores throughout the country.

After protracted correspondence with the canners concerned, and their legal representatives who made the request, six tins of Prunes were purchased at the local Store; three tins were sent to the representatives of the canners for analysis which proved to be satisfactory, and the other three tins were sent to our Analyst who reports as follows:—

"Prunes in Syrup Nos. 39/57, 40/57 & 41/57—Informal."

In the case of Samples Nos. 39/57, 40/57 and 41/57 tests for contamination by Copper, Lead, Tin and Zinc were carried out and the result was to show that not one of these samples was contaminated in these beyond a trace of copper which did not exceed 1 part per million in any case. In other respects the Prunes were of sound and wholesome quality."

The Council withdrew the request that the remaining stock be withdrawn from sale.

Mr. Angus Graham, Chief Inspector, Weights and Measures Department, Shire Hall, Durham, has kindly supplied a detailed list of the fifty-six food samples taken by his Staff in the Borough of Jarrow.



All the samples were of genuine quality with the exception of Sample of Prunes which was found to contain 400 parts per million of tin, and two samples of milk. The necessary action has been taken.

**Artificial Cream.**

There are no registered premises in the Borough. There is a firm producing confectionery filling and these premises have been inspected periodically. A sample of this product was submitted for the Methylene Blue Test and was placed in Grade 1.

**The Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1953.**

The samples submitted to the Public Analyst complied with these Regulations.

## SECTION F.

**Report of the Medical Officer of Health on the  
Prevalence and Control of Infectious  
and other Diseases.**

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The total number of Infectious Diseases notified during 1957 was 1,094 compared with 832 in 1956. The only infectious disease showing a substantially increased number of notifications compared with the previous year was Measles (+663); the two diseases with the most significant reduction in incidence were Dysentery (-173) and Whooping Cough (-207).

**Measles.**

The Borough was amongst the first areas to be affected by the epidemic which began on Tyneside in December, 1956; in this month there were 121 notifications, and the following month, in January, 1957, notifications reached a peak of 508 after which the epidemic rapidly waned; however, few cases required admission to hospital and serious complications were rare.

**Dysentery.**

It is pleasing to record a substantial reduction in the number of notified cases of Dysentery to 14 compared with 187 the previous year. This, however, is no case of complacency as Sonne Dysentery continues to be endemic throughout Tyneside. The mild nature of the symptoms results in many cases not being diagnosed, with the resultant risk of spreading the infection.

**Whooping Cough.**

During the year only 54 cases were notified compared with 261 in 1956. There is little doubt that the fact that increasingly large numbers of children are now being immunised against this disease, is significant in the reduced incidence.

**Puerperal Pyrexia.**

There were 32 cases notified in 1957 compared with 13 in 1956. Nearly all these cases occurred in Danesfield Maternity Hospital. I am pleased to report that this does not represent a true increase in the incidence of this disease; it may be recalled that in my Annual Report of the previous year reference was made to the serious difficulties which had arisen owing to failure to notify cases. The increase in the number of notifications is due to the realisation of the vital need to notify such cases without delay; this has enabled me to co-operate more effectively in controlling this infection.

### Influenza.

The epidemic of Asian Influenza which began in the Far East early in 1957 eventually reached the United Kingdom in the latter part of the year. Although Influenza is not a notifiable disease, it was possible to assess approximately the extent of the outbreak in the Borough from general practitioners and Ministry of National Insurance returns. Fortunately the nature of the illness proved to be less severe than expected with few complications.

### Tuberculosis.

The number of new cases of Pulmonary Tuberculosis notified during 1957 was 42 compared with 66 in 1956. It is of interest to record that the reduction in incidence was greatest amongst older men, the same category in which there had been a substantial increase in 1957.

The table below shows the incidence of new cases and of deaths from tuberculosis over the last 20 years.

Year.	Respiratory.		All types.	
	New Cases.	Deaths.	New Cases.	Deaths.
1938	43	24	76	32
1939	52	31	74	34
1940	49	27	67	34
1941	50	34	77	42
1942	45	26	63	28
1943	52	32	67	37
1944	53	28	62	33
1945	58	26	66	30
1946	66	33	79	40
1947	65	30	78	36
1948	59	19	86	26
1949	74	35	91	37
1950	65	19	79	22
1951	66	19	74	20
1952	79	18	88	19
1953	82	4	92	7
1954	51	8	59	9
1955	49	5	54	6
1956	40	6	68	6
1957	42	5	47	7

## TUBERCULOSIS.

## New Cases and Mortality during the Year 1957

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year...	—	—	—	—	—	—	—	—
1 to 5 ...	1	—	—	—	—	—	—	—
5 to 15 ...	3	2	—	—	—	—	—	—
15 to 25 ...	7	7	1	1	—	—	—	—
25 to 35 ...	6	3	1	—	1	—	—	—
35 to 45 ...	5	—	—	2	1	—	1	—
45 to 55 ...	3	1	—	—	—	—	—	—
55 to 65 ...	3	—	—	—	1	—	—	—
65 & over ...	1	—	—	—	2	—	—	—
Totals ...	29	13	2	3	5	—	1	—

Sex	No. of cases of Tuberculosis on Register at commencement of year		No. of cases of Tuberculosis on Register at end of year	
	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory
Males ...	264	32	242	32
Females ...	227	33	201	33
Totals ...	491	65	443	65

## Removals from Register during year :—

Reasons for Removal	Respiratory		Non-Respiratory	
	M	F	M	F
Died ...	9	—	1	—
Diagnosis not confirmed	2	1	—	—
Removed from district ...	8	5	1	—
Recovered ...	36	40	—	2
Totals ...	55	46	2	2



## NOTIFICATIONS OF INFECTIOUS DISEASES DURING 1957

Diseases	MONTHS.												WARDS.						TOTALS.	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Spring- well	Simon- side	East	West	Grange	Central		Primrose
Pneumonia .....	10	7	5	6	—	—	4	1	6	25	10	19	11	33	4	10	9	14	12	93
Dysentery .....	—	8	1	—	1	—	—	2	—	2	—	—	2	—	2	2	2	6	—	14
Erysipelas .....	1	—	—	—	2	—	—	1	—	—	—	—	1	1	1	1	—	—	—	4
Puerperal Pyrexia .....	9	2	2	3	1	1	—	2	5	2	4	1	29	2	—	—	—	—	1	32
Food Poisoning .....	—	—	—	—	—	4	—	—	—	—	—	—	—	—	4	—	—	—	—	4
Whooping Cough .....	17	13	9	3	—	2	—	4	5	—	—	1	2	31	5	3	—	9	4	54
Measles .....	508	191	97	16	7	7	10	3	3	1	1	2	49	320	111	113	47	113	93	846
Tuberculosis, respiratory...	6	7	4	3	4	3	1	1	3	5	3	2	5	10	5	2	1	5	14	42
Tuberculosis, other .....	—	2	—	—	1	—	—	—	—	—	—	2	—	1	—	1	1	1	1	5
Totals .....	551	230	118	31	16	17	15	14	22	35	18	27	99	398	132	132	60	148	125	1094

## NOTIFIABLE DISEASES DURING THE YEAR 1957

Diseases	Under 1 year	AGE GROUPS										Cases admitted to hospital	Total deaths	Total notified 1957	Total notified 1956	Increase or decrease in 1957
		1-2	2-3	3-4	4-5	5-10	10-15	15-25	25-45	45-65	65 & over					
Pneumonia .....	8	2	3	8	1	8	5	5	17	25	11	4	13	93	98	5
Dysentery .....	1	3	1	1	2	3	—	1	2	—	—	—	—	14	187	173
Erysipelas .....	—	—	—	—	—	—	—	—	1	2	1	—	—	4	17	13
Puerperal Pyrexia .....	—	—	—	—	—	—	—	13	19	—	—	17	—	32	13	19
Food Poisoning .....	1	—	1	—	—	—	—	—	1	—	—	—	—	4	1	3
Whooping Cough .....	6	7	10	10	6	15	—	—	—	—	—	—	—	54	261	207
Measles .....	31	105	135	167	102	236	6	3	1	—	—	—	—	846	183	663
Tuberculosis, respiratory .....	—	—	—	1	—	2	3	14	14	7	1	22	5	42	66	24
Tuberculosis, other .....	—	—	—	—	—	—	—	2	3	—	—	2	2	5	2	3

**APPENDIX I.****Diseases of Animals Act, 1950, and the  
Agriculture Act, 1937, (Part 1X).**

**To the Chairman and Members of the Health Committee.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

The following is a summary of the work carried out under these Acts and Orders made thereunder, during the year 1957.

I am,

Your obedient Servant,

ROBT. C. THOMPSON,  
Local Inspector under the Diseases  
of Animals Act.

**Foot and Mouth Disease.**

The Foot and Mouth Disease Order, 1928—1938.

The Foot and Mouth Disease (Controlled Areas Restrictions)  
General Order 1938.

The Foot and Mouth Disease (Infected and Controlled Areas Restrictions)  
(Amendment) Order 1956.

Notice was received of suspected Foot and Mouth Disease at S. Mallam's piggery, Saltgrass, Jarrow. The necessary action was taken and the pigs were examined by a Veterinary Inspector who issued a "Certificate of Suspected Disease" of Foot and Mouth Disease, on 14th March, 1957 in relation to ten pigs, and applied movement restrictions on a radius of five miles which on the same day was extended to ten miles of the Infected Place.

These Emergency Restrictions on Declaration of the Infected Area were withdrawn when the Minister of Agriculture, Fisheries and Food made the Foot and Mouth Disease (Infected Areas) Special Order No. 15—1957, making a "Declaration of Foot and Mouth Disease Infected Area around Jarrow, Co. Durham."

In all 100 pigs (including 10 pigs from a nearby piggery) and four young beasts were slaughtered and buried on the premises.

The Foot and Mouth Disease (Infected Areas) Special Order No. 16—1957 contracted the Area on the 29th March, 1957 and revoked Order No. 15 on 15th April, 1957 which freed the Area.

The premises were thoroughly cleansed and disinfected.

A person was reported for having moved a goat within two miles of the "Infected Place."

#### **The Movement of Animals (Records) Orders 1925**

The said person was reported for moving a goat from premises to premises and not keeping a record of the Movement in the prescribed form.

The following Orders came into operation during the year:—

The Foot and Mouth Disease (Infected Areas) Special Orders 1957, Nos. 1 to 95 inclusive.

The Foot and Mouth Disease (Controlled Areas) Orders Nos. 1 and 2 1957.

The Calves (Feeding in Transit) Order 1957.

The Foot and Mouth Disease (Packing Materials) Orders 1925—1926.

The Diseases of Animals (Waste Food) Order 1957.

This Order came into force on the 1st June, 1957 and revoked several Orders dealing with the Boiling of Animal Foodstuffs and Disinfection of Road Vehicles, etc.

These Orders are designed to prevent the spread of Foot and Mouth Disease, and have been brought to the Notice of persons concerned.

#### **Tuberculosis Orders, 1938-1946.**

No Notice relating to a case of tuberculosis has been received during the year.

#### **Area Eradication Plan for Tuberculosis**

The following Orders came into operation during the year:—

The Tuberculosis (Southern England Attested Area) Order 1957.

The Tuberculosis (North West England Attested Area) Order 1957.

The Tuberculosis (Wales, West, Central, Forth and South West Scotland Attested Area) Order 1957.

The Tuberculosis (Southern England Eradication Area) Order 1957.

The Tuberculosis (Yorkshire Eradication Area) Order 1957.

The Tuberculosis (North of Scotland Eradication Area) Order 1957.

In the Ministry of Agriculture, Fisheries and Food, and the Department of Agriculture for Scotland Report on the Animal Health Services in Great Britain, 1955, it is stated that, "In the 20 years of work under the Attested Herds Scheme, the stage has been reached when nearly two-thirds of the cattle in the country are in Attested Herds, and there is every reason to hope that by the early 1960's bovine tuberculosis in Great Britain will, for all practical purposes, be a thing of the past."



### **Anthrax Order of 1938.**

No case of Anthrax has been notified during the year.

A circular letter was received from the Ministry requesting the assistance of the Local Authority in drawing the attention of Stock Owners to the importance of reporting to the police any cases of sudden death among their animals (especially cattle) if there is any possibility that the cause of death was anthrax.

A letter, enclosing a copy of the leaflet—"Anthrax—Animal Health Leaflet No. 30" and a letter enclosing a copy of Form A.N. 10 relating to Anthrax, was sent to all Stock-owners in the Borough calling their attention to the requirements of the Order and the need for speedy notification of all animals suspected of having died from Anthrax.

### **Swine Fever.**

#### **Swine Fever Orders of 1938—1955**

##### **Swine Fever (Infected Areas) (Restrictions) Order 1956.**

Notice was received that swine (breeding sows) had been moved from a piggery in this Borough to a piggery in East Boldon and back.

It was later found out that the swine at the piggery at East Boldon had swine fever and the premises were declared to be an "Infected Place." Because of this exposure to infection Notice Form B was served on the owner of the swine, placing his premises in this Borough under Movement Restrictions.

All the other swine on the premises were examined by a Veterinary Inspector and were found to be free from disease.

##### **The Piggery, The Dene, Hedworth, Jarrow.**

These premises were declared to be an "Infected Place" on June 7th, 1957. Twelve pigs died and were buried on the premises. Seventeen pigs were moved for slaughter under licences granted by the Ministry, leaving eleven pigs on the premises.

The Notice was withdrawn on 28th August, 1957 and the premises cleansed and disinfected.

##### **The Movement of Animals (Records) Order 1925.**

During the visits to Stock Keepers Premises the Records of Movement Books have been checked.

##### **The Warble Fly (Dressing of Cattle) Order, 1948.**

##### **Compulsory Treatment of Infected Cattle.**

The Ministry distributed a copy of the leaflet "Warbled Cattle" to every cattle owner in England and Wales, and a "brief dressing" reminder was distributed in April.

No case of warbled cattle in the Borough has been notified.

I sent a letter to each farmer in this Borough calling attention to the requirements of the above Order.

### **Fowl Pest.**

#### **The Fowl Pest Order of 1936-1947.**

#### **The Fowl Pest (Infected Areas) (Restrictions) Order 1956.**

There has been no reported case of Fowl Pest in the Borough during the year. In April a circular letter was received from the Ministry stating the "Future Policy towards Fowl Pest."

### **Importation and Exportation**

The following Orders came into operation during the year:—

The Importation of Horses, Asses and Mules Order 1957.

Prohibition of Landing of Animals, Carcases and Animals Products, and Hay and Straw from the Channel Islands Order, 1957.

Prohibition of Landing of Animals, Carcases and Animals Products, and Hay and Straw from the Channel Islands (Revocation) Order 1957.

Prohibition of Landing of Animals, Carcases and Animal Products, and Hay and Straw from the Channel Islands (Revocation No. 2) Order 1957.

The Exported Cattle Protection (Amendment) Order 1957.

### **The Colorado Beetle.**

The Ministry of Agriculture, Fisheries and Food, in April requested the Local Authority to assist in a campaign against the Colorado Beetle.

These beetles are a serious potential menace to potato growers.

I sent letters, posters and showcards to those persons who are potato growers or have any interests with growers, in the Borough.

**APPENDIX II.****Report on Shops Act 1950, for the Year 1957.****To the Chairman and Members of the Health Committee.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit my twentieth Annual Report for the year ended 31st December, 1957.

**SHOPS ACT, 1950.**

In the administration of the above Act, 430 shops are subject to inspection.

There are 33 unoccupied shops—11 being derelict—in the Borough.

All local Orders made by the Council continue in force.

There were no extensions of hours during the Christmas period.

Many shops are being closed before the statutory closing hours. There have been no prosecutions during the year.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

ROBT. C. THOMPSON,  
Chief Shops Inspector.

**Summary of Work done during 1957.**

No. of visits to shops during the year .....	38
No. of infringements of the Acts, etc. ....	2
No. of warnings to shop-keepers .....	2
No. of interviews with shop-keepers at office .....	10

The appended tables show :—

1. Principal Act and Regulations administered by the Department.
2. The nature of the infringements of the Shops Acts.
3. Types of business carried on in 'Shops' under the Acts.

**TABLE No. 1.**

The principal Act and Regulations administered by the Department are as follows:—

Shops Act, 1950.  
 Shops Regulations, 1912.  
 Shops Regulations, 1913.  
 Shops Regulations, 1937.  
 Shops Regulations, 1939.  
 Shops (Procedure for Jewish Tribunals) Regulations, 1937.

Local Orders made by the Council:—

Jarrow Shops Half Holiday Order, No. 1.  
 Jarrow Shops Half Holiday Order, No. 2.  
 Jarrow Shops Half Holiday Exemption Order, No. 1.  
 Jarrow Butchers Weekly Half Holiday & Closing Order, 1920.  
 Jarrow (Extended Area) Shops Weekly Half Holiday Exemption Order, 1937.  
 Jarrow (Extended Area) Shops Weekly Half Holiday Order, 1937.  
 Jarrow (Extended Area) Shops Extension & Weekly Half Holiday Order, 1937.  
 Jarrow (Extended Area) Butchers Shops Closing Order, 1937.

**TABLE No. 2.**

**Infringements of the Shops Act, 1950.**

No. of shops visited .....	38
No. of visits to shops .....	38
No notice re provision of seats exhibited or delivered to female assistants .....	2
	—
	2
	—



**TABLE No. 3.**

Types of business carried on under the Acts were as follows:—

Bakers, Caterers and Confectioners .....	33
Booksellers .....	2
Boot and Shoe Dealers and Repairers .....	12
Butchers and Pork Butchers .....	34
Cafes and Restaurants .....	4
Chemists, Druggists, Opticians & Photographers .....	11
Cinemas .....	3
Clothiers, Drapers and Milliners .....	24
Coal Dealers .....	32
Dairies .....	2
Dry Cleaners .....	4
Electricians .....	1
Fireplace Dealers .....	1
Fish Dealers .....	5
Fried Fish Dealers .....	11
Fruiterers and Florists .....	29
Funeral Furnishers .....	3
Furniture Dealers .....	4
General Dealers .....	59
Grocers and Provision Dealers .....	23
Hairdressers and Barbers .....	12
Ironmongers and Cycle Dealers .....	5
Jewellers and Pawnbrokers .....	4
Laundry Receiving Offices .....	3
Lending Libraries .....	1
Licensed Victuallers .....	51
Newsagents, Stationers and Fancy Dealers .....	24
Plumbers .....	4
Pet Shops .....	1
Post Offices .....	7
Radio Dealers .....	5
Refreshment Caterers .....	1
Second-hand Furniture & Wardrobe Dealers .....	5
Tobacconists .....	3
Wallpaper and Paint Dealers .....	4
Wool Dealers .....	3

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430

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**APPENDIX III.**  
**SUMMARY OF JOINT AREA STATISTICS 1957.**

<b>General.</b>	<b>Jarrow.</b>	<b>Hebburn.</b>	<b>Felling.</b>	<b>Joint Area.</b>	
				1957	1956.
Area in acres ... ..	1,985	1,563	3,325	6,873	6,873
Population ... ..	29,240	23,880	28,540	81,660	80,100
No. of inhabited houses ...	9,078	7,767	9,700	26,545	25,631
No. of Council houses ...	3,993	3,082	5,692	12,767	11,866
Sub-standard houses re- maining to be dealt with by 1960 ... ..	976	461	181	1,618	1,877
<b>Vital.</b>					
No. of Births ... ..	584	558	572	1,714	1,631
Standardised Birth Rate ...	18.2	20.8	18.4	19.1	18.52
No. of Still Births ... ..	17	19	8	44	50
Still Birth Rate (per 1,000 live and still births) ...	28.3	32.9	13.3	25.0	29.74
Infant Deaths ... ..	17	27	16	60	43
Infant Mortality Rate ...	29.1	48.4	28.0	35.6	26.36
Maternal Mortality ... ..	Nil.	Nil.	Nil.	Nil.	Nil.
No. of Deaths ... ..	348	284	301	933	932
Standardised Death Rate ...	14.8	16.3	14.1	15.5	15.02
<b>Principal Causes of Death</b> (Percentage of Total Deaths).					
<b>(a) Infants under 1 year.</b>					
Infection ... ..	23.5	18.5	25.0	21.7	9.3
Congenital Deformity ...	17.7	14.8	18.7	16.6	34.9
Prematurity ... ..	35.3	55.5	18.7	40.0	25.6
Others ... ..	23.5	11.2	37.5	21.7	30.2
<b>(b) All Ages.</b>					
Heart Disease ... ..	28.2	25.4	36.2	29.9	36.16
Cancer ... ..	19.5	21.5	15.6	18.9	17.06
Respiratory disease ...	18.7	12.7	11.6	14.6	14.69
Vascular diseases ...	16.4	12.7	14.2	14.6	13.30
<b>Infectious Diseases.</b>					
<b>Tuberculosis (Notifications)</b>					
Respiratory ... ..	42	45	42	129	144
Non-respiratory ... ..	5	6	5	16	11

**Incidence Rate.**

Respiratory	...	...	1.44	1.88	1.47	1.58	1.80
Non-respiratory	...	...	0.17	0.25	0.17	0.19	1.14

**Death Rate.**

Respiratory	...	...	0.17	0.08	0.11	0.12	0.10
Non-respiratory	...	...	0.07	Nil.	0.04	0.04	0.02

**Measles.**

Notifications	...	...	846	319	607	1,772	578
Incidence	...	...	28.93	13.40	21.2	21.69	7.22

**Whooping Cough.**

Notifications	...	...	54	5	81	140	384
Incidence	...	...	1.85	0.20	2.83	1.71	4.79

**Pneumonia.**

Notifications	...	...	93	27	24	144	138
Incidence	...	...	3.18	1.13	0.84	1.76	1.72

**Dysentery.**

Notifications	...	...	14	32	43	89	295
Incidence	...	...	0.48	1.34	1.50	1.09	3.68

**Rates are given per 1,000 of the Population.**

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