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COUNTY BOROUGH OF MIDDLESBROUGH



# ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

1958

ERIC C. DOWNER

M.A., D.P.H.



ACK<sup>d</sup> by P.S.  
11.8.59 mbc

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HEALTH DEPARTMENT,  
Telephone 3201-5. 26 SOUTHFIELD ROAD,  
MIDDLESBROUGH.

To the Council of the County Borough of Middlesbrough  
being the Local Health Authority and the Local Sanitary  
Authority for that Area.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present my Annual Report for the year  
1958.

I am happy to state—and a more detailed account will be found  
in the body of this report—that the process of slum clearance in  
Middlesbrough has greatly progressed during this year but much will  
still remain to be done in the next two or three years.

The chief concern and worry of the Health Department during  
the whole of 1958 has been the grave shortage of maternity beds—  
partly due to the fact that the annual total of births in Middlesbrough  
is steadily increasing as is the population itself, and partly because  
owing to re-construction in the Maternity Hospital we have been  
deprived of a considerable fraction of the small number of  
maternity beds that were available in the past.

A small building, provided many years ago for the needs of the  
County Borough of Middlesbrough and now for many years  
inadequate for them, has had to take both abnormal and environ-  
mental cases, not only from Middlesbrough but from a catchment  
area outside on both banks of the Tees.

During the year, without any previous consultation or notice,  
a pronouncement was issued—being a decision of the consultant  
advisers to the Middlesbrough Maternity Hospital but afterwards  
accepted as policy by the South Tees-side Hospital Management  
Committee with the concurrence and advice of their Medical  
Advisory Committee—that the Maternity Hospital would no  
longer take environmental cases, but would be solely reserved for  
abnormal cases, emergencies, or cases where a difficult confinement  
was reasonably expected.

This new policy terminated a situation where for 10 years—  
since the inception of the National Health Service Act—a yearly  
average of 270 “environmental” cases from Middlesbrough had  
been taken into the Maternity Hospital and during that time the  
Maternity Hospital had never refused any case recommended by the  
Middlesbrough Health Department on environmental or social  
grounds. Now the door is closed and no matter how bad the  
environment or how difficult the social problem is surrounding the  
case, these cases have had to be thrown back on the domiciliary

midwifery service. This, coming at a time when the number of domiciliary midwives serving the Council was never more than 75 per cent. of the present establishment (and there is reason to think that the present establishment is too small) and bearing in mind that the number of total births in the Borough has been steadily increasing for the last four years, has led to an almost intolerable strain on the domestic midwifery service of the town.

The Authority has moved with vigour to remedy this situation by providing transport to cases, a night rota system to ensure four to five nights a week free of duty to each midwife, increased uniform allowance and expanded car allowances. This has done much to comfort the midwives and to restore morale, but at the end of the year the position still was that the midwives were grossly overworked, were doing far too many cases, but were cheerfully and loyally endeavouring to cope with the situation.

So serious was the situation that the Council, aided by both the town's Members of Parliament, approached the Minister of Health for an interview with himself and a delegation was received at the Ministry of Health on 20th November, 1958 and he personally discussed the very grave and serious problem with them.

The Minister promised that he personally would again study and re-assess the situation and do anything that lay in his power to produce some improvement.

It is felt that this situation had been viewed with great sympathy by the Regional Hospital Board and by the South Tees-side Hospital Management Committee, but it is again the provision of beds—and fully staffed beds at that—that will alone remedy the situation.

Meanwhile, the Authority will do its best to maintain its staff of midwives and to make their conditions of service as tolerable and as reasonable as possible.

Steps have been taken to submit conjointly with the South Tees-side Hospital Management Committee a scheme for a Part II Training Scheme for midwives in the town and relief may perhaps one day be obtained from that source. But immediate action alone will relieve a situation that is by no means free from danger, and it is felt that the first necessity is the provision of more staffed maternity beds and that the responsibility for that lies fairly and squarely on those other Authorities whose duty it is to provide such.

The Council and the Health Department lost a faithful servant and a dear friend when Miss Kathleen Imeson, a health visitor until a few months before her death, passed away.

Miss Imeson was a health visitor for nearly 12 years and had come to be regarded as a sort of unofficial deputy to Miss Ruth White, the then Superintendent. She was also the health visitor chosen to open up our liaison with the children's department at the General Hospital, to attend Dr. Tillie's rounds, to cultivate the acquaintance of the ward sisters and to get to know children who were for early discharge in order that the requisite aftercare should be awaiting the child on discharge.

She was a woman of great devotion to her vocation, of charm, ability and much kindness, and her premature death left her colleagues in the Department with a feeling of great loss.

The recommendations of the Percy Commission on Mental Health, etc., have been carefully studied and a comprehensive report was made to the Council on 3rd April, 1958, on its possible implications.

It seems absolutely certain that when the Mental Health Bill now before Parliament becomes law, very considerable responsibilities will devolve on Local Health Authorities. These will raise big questions of finance and of staffing, particularly in the recruitment of trained staff. It is the oldest story in the world—you cannot put a quart into a pint bottle—and it's futile indeed to devolve heavy extra responsibilities on Local Authorities already strained to their utmost, without giving them time and opportunity to train staff and provide the premises necessary for carrying out these responsibilities.

With these stresses impinging on us and with the prospect of further heavy responsibilities ahead, I want to assure my Employing Authority that their Staff have worked keenly and conscientiously throughout the year and I commend their service to the Authority, with gratitude.

On the Sanitary side, we have again this year been embarrassed by the continued shortage of Public Health Inspectors. It is necessary for the good order and health of a town that it should be steadily patrolled by District Public Health Inspectors going round their districts and doing preventive public health, in the best sense of that word, by spotting anything that is wrong in its early stages and by keeping the Medical Officer of Health and Health Department thoroughly informed of the state of affairs in each district. This has simply not been possible. Public Health Inspectors have had to be diverted from patrolling to the very important work of scheduling defects in houses which might be represented individually or grouped in areas, in connection with our vigorous campaign of slum clearance. There is also the investigation of infectious disease which cannot be neglected. Although the pattern of the infectious disease differs much from in the past, cases of dysentery and alleged food poisoning need investigation and consume time.

One cannot in any way slacken on the inspection and control of what goes on in the slaughterhouse and the shops where meat, fish and other food is exposed for sale. Restaurants and eating houses, canteens, etc., must be supervised.

The result of all this is that a lot of the other work cannot be covered as regularly as it should.

Some relief has been given to the Chief Public Health Inspector in that in accordance with the Council's policy he is no longer responsible for public cleansing and refuse disposal. But the shortage is one of district inspectors steadily working in their districts and this rapidly expanding industrial town needs this service very badly.

I wish to pay tribute to the good work done by our Public Health Inspectors under my colleague, the Chief Public Health Inspector, Mr. Henry Whitfield.

I am happy to close with the cheerful news that the Health Department seems, for the first time for some years, to have its complete staff of medical officers. Early in the year Dr. M. Sackwood took office as Senior Assistant, M.O. for M. & C. W. and that has, to some extent eased the work of the M.O.H. and the Deputy. Towards the end of the year the Council appointed Dr. W. J. Wigfield of the Oxford Health Department to be its Senior Assistant M.O. (General), that is to say to supervise aftercare and eventually possibly the Mental Health side. This will make it possible to a certain extent to delegate the work of the department so that the M.O.H., the Deputy and the two Senior Assistants will each have their own sphere of responsibility and take a considerable share in the administration, while the M.O.H. will maintain the over-riding responsibility to the Council.

I should like to draw the attention of the Council to the great help and co-operation that we have received from certain hospitals and consultants, a great number of general practitioners, and many members of the Public.

I am indebted to the Town Clerk in his three capacities—as Town Clerk, head of the Corporation's legal department, and welfare officer for very great help, particularly in the realms of housing and the care of handicapped persons and the aged.

To the Borough Treasurer for never failing financial advice and to the Borough Engineer for advice on many diverse subjects.

I also, with gratitude, acknowledge the help I have had from the local press, particularly the "Evening Gazette" which has

enabled me to get important information into the hands of the Public speedily to their considerable benefit. There is, in many quarters, a much enhanced appreciation of the services that the Council's Health Department is able to give to the Public and a desire and willingness to avail themselves of those services is considerably growing. We believe that the Public appreciate the provision that the Council is making for their service, and we, in return, are proud to be the agents of the Council in conveying these services to the public.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

ERIC C. DOWNER,  
Medical Officer of Health.

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## THE FIRST 10 YEARS OF THE NATIONAL HEALTH SERVICE

The Minister of Health in Circular 22/58 asked for a brief general review of the manner in which—during the 10 years which passed between the inception of the National Health Service and the corresponding day in July, 1958—the Local Health Services have functioned in the wider circle of the N.H.S. generally.

No adequate report on this subject could be brief. I propose to be brief at the expense of adequacy.

(1) The relations of the Middlesbrough Health Department with the Regional Hospital Board are for obvious reasons distant, as that important body is at Newcastle. To my regret the M.O.H. is not in a position to attend regularly at the Liaison Committee where the Local Authority M.O.'s.H. meet the S.A.M.O. of the Regional Hospital Board and certain M.O.'s of the Ministry. Attendance there could only be of value if it was regular and the Council may conclude that regular attendance of their M.O.H. at the Liaison Committee would be very much in the interests of the Council because of the important discussions which take place there the opportunity given to the M.O.H. to press the view of the Health Department on his colleagues there, and the interesting and sometimes quite important pieces of information that are given to the Liaison Committee by the officers of the Ministry of Health who attend it.

The M.O.H. during the last five years has become much more acquainted with the officers of the Regional Hospital Board and recently he has been done the honour of being asked to attend in an advisory capacity a series of meetings being held at Stockton and Thornaby Hospital with a view to deciding the probable need for hospital beds in Tees-side. The information gained there has been of very great use to the M.O.H. and therefore to this Authority, for as Local Health Authorities have entrusted to them the care—apart from clinical medical care—of people who are sick outside of hospital and the aftercare of a great many people when they come out of hospital, they have an interest second to none in the adequate provision of beds for the various categories of sick in the area.

### (2) Relations with the Local Management Committee.

The Health Department has no relations with the Local Management Committee, although we are on friendly terms with most of the officers. He does not receive any reports of their meetings and his knowledge of what they do is confined to his reading in the Press, or to hearsay.

The South Tees-side Hospital Management Committee does not continue the custom formerly carried out by the Cleveland Hospital Management Committee of sending to the M.O.H. a copy of the Minutes of the Management Committee and its various Sub-Committees.

A few months ago the M.O.H. was informed that on the recommendation of the Medical Advisory Committee to the South Tees-side H.M.C. he had been placed on that Advisory Committee. While the M.O.H. would have been most willing to attend or to send his Deputy in his absence, as an observer, with a right to take part in discussions, to the Hospital Management Committee or its Medical Advisory Committee, he did not feel that to be a member of the Medical Advisory Committee was compatible with his duty to advise the Local Authority and to act on the whole in its interests alone. Also he would prefer to be consulted before being nominated by a group of persons to any Committee or body.

The Local Authority has, of course, very intimate discussions with the Hospital Management Committee over such matters as the shortage of maternity beds and the setting up of the Part II Teaching School and there is a very considerable amount of cordial and co-operative correspondence passing between the Local Health Authority and the Local Management Committee.

### **(3) Co-operation with Individual Hospitals.**

The M.O.H. and his colleagues are on friendly terms with most of the consultants and officers who are on the staff of, or who advise, the local hospitals. The situation in this matter is fairly satisfactory.

In the case of geriatric patients and possibly of children, the Health Department could wish that it had greater influence on admissions.

In the case of infectious disease we have the readiest co-operation and no difficulties at all.

### **(4) Relations with general practitioners.**

On the whole it may be said that these are intimate, cordial and friendly. The M.O.H. is a regular attender at the Local Medical Committee and his Deputy is a co-opted member of the same, as the Local Medical Committee courteously said they did not wish to have a meeting without somebody to represent the Health Department.

### **(5) The Executive Council.**

The Middlesbrough Health Department has no particular relationship with the Executive Council, but of course it will be realised that 8 members of the Executive Council are members of the Local Health Authority and that 7 members of the Executive Council are the M.O's.H. colleagues in general practice and are all—like him—members of the Local Medical Committee. In short, there is no official relationship, but we know each other very well.

## **DOMICILIARY HEALTH SERVICES.**

In accordance with the instructions given in paragraph 3 of Circular 22/58 of the Ministry of Health, I mention the progress of the Local Authority's services for the chronic sick and infirm, in accordance with the provisions of Circular 14/57.

In this latter circular the Minister emphasises the interdependence of the Health and Welfare Services for chronic sick and infirm old people.

In Middlesbrough the position would seem to be as follows :—

### **Section 2, Part 1 : Care of the otherwise active resident in a Welfare Home during minor illness, involving a short stay in bed.**

The position here is that these persons will normally be attended by their chosen doctor coming to the Welfare Home and by the staff of the Home, just as if in their own homes they would be attended by the family doctor and the rest of the family. The services of the staff can at any time be augmented by the services of the District Nurse or the Geriatric Nurses attached to the Health Department.

### **Care of the infirm, including senile, at home who may need help.**

Most of these receive visits from the Geriatric Nurses and the Male Orderly attached to the Health Department. The Geriatric Nurses are S.R.N.'s, most of whom have had experience in chronic sick wards in hospital. They visit and do toilet techniques, rather than nursing, e.g. care of hair, ears, toe-nails, blanket-bathing, etc., while more formal nursing techniques are carried out by the District Nurses. The Male Orderly does the same for males, but in addition does such things as shaving.

### **Section 3, Part 2 : Care of elderly persons in a Welfare Home who have to take to bed and are not expected to live more than a few weeks, etc.**

These people receive attention from the staff of the Home, assisted, if necessary by the District Nurses and medication at the instance of their chosen doctor. With these very old people, very ill and perhaps confused, it little matters to them whether they are in hospital or hostel. If by the superior nursing standards of a hospital and by the use of apparatus, etc., only to be found in a hospital, their last moments can be made more dignified and less painful, then it is felt here that they should be taken to hospital.

It would be inhumane if the hospital refused to take them, merely because they could not cure them. Besides curing people, hospitals can do good and great work in alleviating the distress of those inevitably dying.

It is noted with relief that in the last paragraph of Section 3, part 2, it is stated that it is not the responsibility of the Welfare Authority to give prolonged nursing care to the bedfast, nor is it desirable that separate infirmary wards should be created in large Welfare Homes or Hostels.

It is felt that in the Middlesbrough neighbourhood there is not a very substantial number of old people or chronic sick in hospitals who should really be in Welfare Hostels. It is more likely that the boot is on the other leg.

The Council's Home Help Service plays a great part in the care of the elderly infirm and chronic sick. We believe that at the moment it is adequate to the demand, although during times of influenza when a lot of home Helps have been stricken down, as well as other members of the public, there has had to be some restriction of the number of hours of help given and the service has had, temporarily, to be curtailed.

A unique feature in Middlesbrough is the existence of six Geriatric Nurses coming under the Health Department. We feel that they close the gap between the Home Help on the one hand and the District Nurse on the other hand. But the real remedy in the Middlesbrough region is the provision of more geriatric beds short-term and long-term and a more efficient and quick system of admission.

The average number of old people under the care of the Middlesbrough Home Help Service during 1958 was :

Male	195
Female	324

The average number of old people under the care of the Geriatric Nurses during 1958 was :

Male	360
Female	955

## THE HEALTH COMMITTEE.

**Appointed May, 1958.**

Chairman : Alderman J. W. Welch, J.P.

His Worship the Mayor (Alderman E. A. Dickinson, J.P.).

Alderman J. G. Boothby  
Alderman Mrs. L. Burton  
Alderman N. Peters  
Alderman F. C. Pette, J.P.  
Alderman B. Ramsey  
Alderman W. Randall  
Councillor W. H. Adams

**Councillor Mrs. K. V. Bennington**

Councillor Mrs. E. Berry  
Councillor J. A. Brown, C.B.E., J.P.  
Councillor Mrs. G. R. Cox  
Councillor A. T. Crosby  
Councillor Mrs. M. A. Daniel  
Councillor C. W. Davies  
Councillor W. Eckert  
Councillor Mrs. E. A. Gaunt

Councillor A. Gibson  
Councillor N. S. Goldie  
Councillor Mrs. M. B. Goodman  
Councillor Mrs. R. M. Haston  
Councillor R. H. Huggins  
Councillor L. Knott  
Councillor Mrs. M. McMillan  
Councillor P. J. McGlone  
Councillor F. Morton  
Councillor J. P. Newhouse  
Councillor H. Pinder  
Councillor W. J. Story  
Councillor Mrs. A. Thompson  
Councillor Mrs. A. Wain  
Councillor T. Wilkinson  
Councillor J. Wilson.

with the following CO-OPTED MEMBERS :—

Dr. R. C. B. Arthur  
Dr. J. W. R. Moffit  
Mr. R. H. Evans  
Mr. H. French

**Mr. R. C. Carter**

Mr. T. Gray  
Mr. C. W. L. Heaton  
Mr. A. Potter  
Mr. T. Rhoden  
Mr. Marshall Robinson  
Mrs. R. Valentine

Shortly before going to Press we regretted to hear of the early death of Councillor Mrs. K. V. Bennington.

This lady had struggled through severe illness to attend her meetings and to show interest and take part in the work of the Health and Welfare Departments.

The Health Department greatly regrets her loss.

## STAFF OF THE HEALTH DEPARTMENT, 1958.

### Medical Officer of Health and Chief Medical Adviser :—

Eric C. Downer, M.A., D.P.H.

### Deputy Medical Officer of Health :—

Robert Taylor, M.B., Ch.B., D.P.H.

### Senior Assistant Medical Officer of Health :—

Post Vacant

### Senior Assistant Medical Officer of Health for Maternity and Child Welfare :—

Mark Sackwood, M.B., B.S., M.R.C.S., L.R.C.P., D.R.C.O.G.

### \*T.B. After-Care Medical Officer :—

B. Coutts, M.D., Ch.B., D.P.H.

### Assistant Medical Officers of Health for Maternity and Child Welfare :—

\*Elizabeth Webster, M.B., B.S.

\*Mary Cooper, M.B., B.S.

\*H. K. Geiser, M.R.C.O.G.

\*E. M. MacGill

\*H. L. Simon

\*J. Whewell

### Superintendent Health Visitor :—

R. Sutcliffe, S.R.N., S.C.M., H.V.CERT.

### Deputy Superintendent Health Visitor :—

L. A. Watson, S.R.N., S.C.M., H.V. CERT. (From 1.2.58)

### Health Visitors :—

E. M. Alford, S.R.N., S.C.M., H.V.CERT. (From 13.10.58)

E. A. Clarke, S.R.N., R.F.N., C.M.B. (Part 1) H.V.CERT.

E. E. Conlin, S.R.N., S.C.M., H.V.CERT.

E. Glasper, S.R.N., S.C.M., H.V.CERT.

S. P. Haggerty, S.R.N., S.C.M., H.V.CERT.

\*G. M. Houseman, S.R.N., S.C.M., H.V.CERT.

K. Imeson, R.S.C.N., S.C.M., H.V.CERT.

I. I. Mathison, S.R.N., S.C.M., H.V.CERT.

\*E. McMahon, S.R.N., S.C.M., H.V.CERT. (From 6.1.58)

H. Morgan Williams, S.R.N., C.M.B., H.V.CERT. (To 3.2.58)

F. M. Nixon, S.R.N., S.C.M., H.V.CERT.

K. D. McPartland, S.R.N., S.C.M., H.V.CERT. (From 12.7.58 to 30.11.58)

J. Strickland, S.R.N., S.C.M., H.V.CERT.

C. M. Smith, S.R.N., S.C.M., H.V.CERT.

D. Spencer, S.R.N., S.C.M., H.V.CERT. (From 1.7.58)

### Student Health Visitors :—

E. Brown, S.R.N., R.F.N., S.C.M., (To 19.11.58)

M. N. Nkuma, S.R.N. (From 8.9.58.)

**Non-Medical Supervisor of Midwives :—**

E. Dempsey, S.R.N., S.C.M., Q.N., H.V.CERT.

**Municipal Midwives :—**

J. Atkinson, S.R.N., C.M.B.  
 I. Banes, S.C.M.  
 K. P. Brady, S.R.N., S.C.M. (From 1.5.58.)  
 M. Brown, S.C.M.  
 H. T. F. Clark, S.R.N., S.C.M. (From 21.11.58.)  
 P. M. Craig, N.N.E.B., S.R.N., S.C.M. (To 17.3.58.)  
 M. Fairbairn, S.C.M.  
 A. Gall, S.R.N., S.C.M. (From 1.4.58.)  
 K. Golden, S.R.N., S.C.M.  
 M. Harding, S.R.N., S.C.M.  
 A. Heward, S.R.N., S.C.M. (To 28.2.58.)  
 N. Hill, S.R.N., S.C.M.  
 D. Hunt, S.R.N., S.C.M. (From 1.5.58.)  
 E. Jones, S.E.A.N., S.C.M.  
 M. R. McDermott, S.R.N., S.C.M.  
 E. McIntosh, S.C.M.  
 C. McKinley, S.C.M.  
 M. B. Mulligan, S.R.N., S.C.M. (From 1.9.58).  
 B. A. O'Connell, S.R.N., S.C.M.  
 A. Oldham, S.C.M.  
 T. Poole, S.R.N., S.C.M.  
 F. M. Scott, S.C.M., S.E.A.N.  
 V. Smithson, S.C.M., S.E.A.N.  
 M. Stewart, S.E.A.N., S.C.M.  
 J. T. B. Stewart, S.R.N., S.C.M. (From 24.9.58).  
 K. M. Tiernan, S.R.N., S.C.M.  
 A. A. Townsend, S.C.M.  
 \*M. Abbott, S.C.M.  
 \*G. M. M. Newson, S.R.N., S.C.M., (To 25.2.58.)  
 \*P. Sheppard, S.R.N., S.C.M.

**Public Health Nurses :—**

\*A. F. Backhouse  
 G. Bennison, S.R.N., C.M.B. (Part 1)  
 C. A. Bregazzi, S.R.N., S.C.M.  
 M. T. Brown, S.R.N. (From 1.4.58.)  
 P. Cashman, R.S.C.N.  
 M. M. Cunningham, S.R.N.  
 M. Fawcett, R.S.C.N.  
 B. M. Heard, R.S.C.N.  
 V. Hodge, S.R.N., C.M.B. (Part 1)  
 J. Kraus, S.R.N., S.C.M.  
 M. Shields, S.R.N. (To 31.7.58.)

**Welfare Centre Attendants :—**

\*J. M. Craggs  
N. Highe  
F. E. Irwin  
E. Lenihan  
\*D. Wildon

**Tuberculosis Nurses :—**

D. Talbot, S.R.N., S.C.M.  
M. J. Longwill, S.R.N., S.C.M.  
E. Clarke, S.R.N., R.F.N.

**Tuberculosis Social Worker :—**

Freda L. McCarthy

**Handicrafts Instructress :—**

A. M. Tamsett

**Matrons, Day Nurseries :—**

West Lane Nursery	..	I. Howe, S.R.N.
Parkside Nursery	.. ..	D. Little, N.N.C. (To 30.4.58.) M. Henderson, S.R.N.
Mosman Terrace Nursery	..	V. C. Martin, N.S.D.N.

**Matron, Davison Home, Danby :—**

M. E. Dougall, S.R.N.

**Mental Welfare Officers :—**

L. W. Sawdon (Duly Authorised Officer)  
S. P. Smith (Duly Authorised Officer)  
A. E. Johnson (Relief Duly Authorised Officer) (To 29.11.58.)  
F. Gray (Supervisor, Occupation Centre)  
G. Batterbee (Teacher of the Mentally Handicapped)  
\*A. M. Bradley (Teacher of the Mentally Handicapped) (From 20.1.58.)  
E. L. Croot (Teacher of the Mentally Handicapped)  
I. Dent (Teacher of the Mentally Handicapped) (From 1.9.58.)  
M. I. Harbour (Teacher of the Mentally Handicapped) (To 9.6.58.)  
M. Quayle (Teacher of the Mentally Handicapped)  
R. A. Rossborough (Woodwork Instructor)

**Social Worker :—**

A. M. Higgins

**Home Visitor/Teachers—Blind :—**

D. Brown  
G. Reavley  
J. Smalls

**Ambulance Officer :—**

Arthur G. Pooley, M.M.

**Deputy Ambulance Officer :—**

H. Rowney

**Domestic Help Organiser :—**

A. M. Hutchinson

**Chief Clerk :—**

W. H. Dickinson

**Administrative and Senior Clerks :—**

H. E. Crosby

F. M. Smith

A. Barbour

G. A. Bulmer

L. Hall, D.M.A.

**Clerks :—**

R. Allison (From 6.1.58.)

T. Atkinson

E. Brumpton

R. T. Carling

J. Cooper

O. Grosvenor

R. S. Harris

E. A. Hunter

B. Johnson

C. R. Kennedy

M. Lofthouse

M. McNulty

E. C. Morphet

E. Nelson

\*P. J. Pearson (From 10.12.58.)

M. D. Westgarth

**Shorthand-Typists :—**

M. Robson (Senior)

F. Brumpton

N. Carter

D. Robinson

M. Simpson

\*Part-time.

## SECTION A

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) including 173 acres of tidal water	..	7,304
Estimated Population (Mid-1958)	.. ..	152,500
Number of Inhabited Houses (end of 1958)	.. ..	44,591
Rateable value (31.12.58)	.. ..	£1,515,967
Product of a penny rate	.. ..	£5,907

## Number of Live Births :—

	M	F	Total	Live Birth Rate (per 1,000 population)
Legitimate ..	1,825	1,672	3,497	
Illegitimate ..	110	103	213	
	<hr/> 1,935	<hr/> 1,775	<hr/> 3,710	24.33

## Number of Stillbirths :—

	M	F	Total	Stillbirth Rate (per 1,000 total live and stillbirths)
Legitimate ..	45	38	83	
Illegitimate ..	1	4	5	
	<hr/> 46	<hr/> 42	<hr/> 88	23.18

## Total Live and Stillbirths :—

1,981	1,817	3,798
-------	-------	-------

## Infant Deaths :—

	M	F	Total	Infant Mortality Rate per 1,000 live births
Legitimate ..	46	37	83	24.25
Illegitimate ..	4	3	7	23.74
	<hr/> 50	<hr/> 40	<hr/> 90	32.86

## Neo-natal Mortality Rate

(First four weeks)  
per 1,000 live births  
17.52

Percentage of illegitimate live births 5.74

<b>Maternal Deaths( including abortion)</b>	<b>4</b>	<b>Maternal Mort- ality Rate</b> (per 1,000 total births 1.078
---	----------	---

<b>Deaths Registered :—</b>				<b>Death Rate</b> per 1,000 populn.
	<b>M</b>	<b>F</b>	<b>Total</b>	
Nett .. ..	904	788	1,692	11.10

**Deaths from :—**

Smallpox ..	—	—	—	—
Acute Poliomyelitis and Polioencephalitis	—	—	—	—
Typhoid and Paratyphoid Fevers ..	—	—	—	—
Measles ..	—	—	—	—
Scarlet Fever ..	—	—	—	—
Whooping Cough	—	—	—	—
Diphtheria ..	—	—	—	—
Influenza ..	2	1	3	0.019
Violence ..	54	21	75	0.49
Diarrhoea (under 2 years) ..	2	1	3	.019
Cancer .. ..	162	129	291	1.91
Heart Disease	278	259	537	3.52
Tuberculosis ..	12	7	19	0.12
Pneumonia ..	58	46	104	0.68
Pregnancy ..	—	4	4	0.026

**Comparative Rates :—**

	<b>Middlesbrough</b>	<b>England and Wales</b>
Birth rate (live births) ..	24.33	16.4
Death Rate .. ..	11.10	11.7
Infant Mortality Rate ..	24.25	*22.5
Maternal Mortality Rate ..	1.078	0.43

\* Per 1,000 related births

**Area Comparability Factors :—**

Births .. ..	0.95
Deaths .. ..	1.24

**Notifications—Rates per 1,000 population :—**

Typhoid Fever	..	..	..	..	..	—
Paratyphoid Fever	..	..	..	..	..	—
Meningococcal Infection	..	..	..	..	..	0.065
Scarlet Fever	..	..	..	..	..	2.27
Whooping Cough	..	..	..	..	..	0.43
Diphtheria	..	..	..	..	..	—
Erysipelas	..	..	..	..	..	0.079
Smallpox	..	..	..	..	..	—
Measles	..	..	..	..	..	8.62
Pneumonia	..	..	..	..	..	0.61

**Acute Poliomyelitis**

(including Polioencephalitis)

Paralytic	..	..	..	..	..	0.006
Non-Paralytic	..	..	..	..	..	0.072

**Food Poisoning** .. .. . 0.072**Puerperal Pyrexia :—**

Rate per 1,000 Total Births (Live and Still)	..	..	..	..	5.00
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**WARD STATISTICS.**

Ward	No. of Cases of Infectious Disease per 1,000 population	Death Rate	Birth Rate	Infant Mortality Rate
Acklam .. ..	17.46	9	11	37
Ayresome .. ..	26.19	12	19	8
Cannon .. ..	22.84	9	37	13
Clairville .. ..	12.37	10	15	16
Cleveland .. ..	23.89	11	24	23
Crescent .. ..	13.62	27	16	16
Exchange .. ..	16.06	12	25	21
Gresham .. ..	13.16	13	18	29
Grove Hill .. ..	22.52	21	21	28
Linthorpe .. ..	15.05	13	15	10
Newport .. ..	30.64	12	32	14
North Ormesby .. ..	15.97	12	24	32
Park .. ..	14.74	10	17	17
Thorntree .. ..	31.66	6	35	18
Tollesby .. ..	11.11	7	15	27
St. Hilda's .. ..	24.35	13	35	24
Whinney Banks .. ..	27.78	10	23	16

## SECTION B

### CARE OF MOTHERS AND YOUNG CHILDREN

This service is under the constant supervision of the Medical Officer of Health, but its day to day administration is confided to the Senior Assistant Medical Officer of Health (M. & C. W.), Dr. Mark Sackwood, who commenced his duties on the 1st January, 1958.

The number of Ante-natal Clinics and Child Welfare sessions remains unaltered from the previous year, viz. : seven Ante-natal Clinics and thirteen Infant Welfare Clinics during the week, at each of which a doctor is usually in attendance. There are also regular Ante-natal Clinics supervised by the Domiciliary Midwifery Service.

During the first half of the year—from the beginning of March until the end of May—a nation-wide Peri-Natal Mortality Survey was held. A survey of this type, covering all stillborn infants and babies dying during the first month of life, will provide valuable information in the effort to reduce still further these mortality figures. The help, in this project, given by the Domiciliary Midwives—who, apart from their current duties, also completed the majority of the forms necessary for this survey—is beyond praise. Any results and recommendations from the survey are eagerly awaited.

Reference has been made in the preamble to this Report to the crisis through which the Domiciliary Midwifery Service in this town is passing. It is very earnestly to be hoped that 1959 will see the alleviation of this difficult and dangerous state of affairs.

### MIDWIFERY SERVICE, 1958.

At the commencement of the year the number of midwives employed by the Authority was 20 : in addition three nursing assistants and one premature baby nurse were also in employment.

During the year one midwife and the premature baby nurse resigned, but six midwives were taken on to the staff, bringing the number of midwives employed at the end of the year to 25.

Number of midwives notifying their intention to practise in Middlesbrough during the year :—

Employed by the Local Authority .. .. .	26
(including the non-medical supervisor of midwives)	
Maternity Hospital .. .. .	24
Ardencaple Nursing Home .. .. .	4

Total number of Women delivered in the County Borough .. .. .	4,791
(this includes a total of 1,155 non-residents and there were also 46 residents of Middlesbrough delivered of their babies outside the County Borough).	
Total number of deliveries attended by the Domiciliary Midwifery Service .. .. .	2,374
Attendance at doctors' booked cases :	
As midwife .. .. .	2,159
As maternity nurse .. .. .	106
Attendance at unbooked cases :	
As midwife .. .. .	128
Number of Gas/Air administrations	
As midwife .. .. .	1,972
As maternity nurse .. .. .	90
Number of Pethidine administrations :	
As midwife .. .. .	1,145
As maternity nurse .. .. .	90
Number of cases in which medical aid was sought :	
(doctors' booked cases) .. .. .	569
(unbooked cases) .. .. .	75
Number of patients transferred to the Maternity Hospital during labour .. .. .	
	136

### CASES, 1958.

Name of Midwife	Cases booked and delivered at home.	Cases booked and delivered in hospital.	Cases sent by hospital for nursing on district.
Miss Dempsey, Non - Medical Supervisor of Midwives ..	10	—	—
Nurse Atkinson .. .. .	112	11	6
Nurse Banes .. .. .	121	6	—
Nurse Brown .. .. .	124	6	6
Nurse Brady (commenced duty 7th May, off duty 5 weeks)..	34	10	3
Nurse Clark (commenced duty 21st November) .. ..	7	2	2
Nurse Craig (Relief Midwife, left Service in February) ..	14	—	—
Nurse Fairbairn .. .. .	127	7	5

Nurse Gall (commenced duty as domiciliary midwife 1st April, off duty 4 weeks) .. ..	61	16	8
Nurse Golden .. ..	126	10	7
Nurse Harding (off duty 14 weeks) .. ..	75	5	5
Nurse Hill (Special leave 17 weeks) .. ..	67	2	1
Nurse Hunt (commenced duty 1st May, off duty 6 weeks) ..	64	10	8
Nurse Jones (off duty 4 weeks) ..	93	6	11
Nurse McDermott (off duty 6 weeks) .. ..	142	1	9
Nurse McIntosh (off duty 13 weeks) .. ..	126	37	4
Nurse McKinlay (off duty 23 weeks) .. ..	90	10	—
Nurse Mulligan (commenced duty 1st September) .. ..	34	8	5
Nurse O'Connell (off duty, 2 weeks) .. ..	87	12	6
Nurse Oldham .. ..	142	4	3
Nurse Poole .. ..	110	10	3
Nurse Scott (off duty 3 weeks) ..	117	8	5
Nurse Smithson .. ..	123	3	3
Nurse M. Stewart (off duty 4 weeks) .. ..	132	18	13
Nurse June Stewart (commenced duty 24th September) ..	41	—	11
Nurse Townsend (off duty 6 weeks) .. ..	114	25	11
Nurse Tiernan (off duty 8 weeks)	81	17	4

All the above staff had their full entitlement of holiday of 5 weeks.  
No midwives attended Courses in 1958.

The Domiciliary Midwifery Service also supervise their own Ante-Natal Clinics (termed booking sessions). These are held at frequent intervals during the week in different parts of the town. During the year 2,330 new patients were seen and there was a total attendance of 6,395 patients at the clinics.

The domiciliary midwives also carried out ante-natal attendance at patients' own homes on 2,444 occasions.

#### **District Ante-Natal Clinics.**

The number of mothers attending these clinics continues to reflect the downward trend shown throughout the country since the inception of the National Health Service Act. One must assume that more and more pregnant mothers are now attending their own family doctors for ante-natal surveillance, as the figures for unbooked mothers first being seen in labour remains about the same.

Details of the Ante-Natal attendances are as follows, with two previous years' for comparison :—

				1958	1957	1956
Lord Street (Cannon) :						
1st attendances	..	..	..	26	51	93
Re- „	..	..	..	115	159	313
				<u>141</u>	<u>210</u>	<u>406</u>
American Red Cross :						
1st attendances	..	..	..	39	68	73
Re- „	..	..	..	127	188	240
				<u>166</u>	<u>256</u>	<u>313</u>
Thorntree :						
1st attendances	..	..	..	35	46	66
Re- „	..	..	..	127	168	282
				<u>162</u>	<u>214</u>	<u>348</u>
Newlands :						
1st attendances	..	..	..	37	61	73
Re- „	..	..	..	204	242	248
				<u>241</u>	<u>303</u>	<u>321</u>
Grove Hill :						
1st attendances	..	..	..	40	43	72
Re- „	..	..	..	203	223	245
				<u>243</u>	<u>266</u>	<u>317</u>
North Ormesby :						
1st attendances	..	..	..	80	90	108
Re- „	..	..	..	294	372	423
				<u>374</u>	<u>462</u>	<u>531</u>
Whinney Banks :						
1st attendances	..	..	..	51	47	49
Re- „	..	..	..	183	159	252
				<u>234</u>	<u>206</u>	<u>301</u>
Total 1st attendances				308	406	534
Total Re- „				1,253	1,511	2,003
				<u>1,561</u>	<u>1,917</u>	<u>2,537</u>

### Post-Natal Attendance.

Post-natal examinations are carried out at the Clinics whenever necessary. The figures for these attendances remain consistently poor—being 52 during the year, 1958.

### Routine Investigations requested from the Clinics

**X-ray of Chest.** This, as a routine feature of all ante-natal mothers, has ceased. The inherent dangers—both to the mother and the unborn foetus—from irradiation and internal scatter has caused restriction of routine chest X-ray to those mothers in the 4th month of pregnancy only. As the number of mothers seen at this early stage of pregnancy is few, so the corresponding number of routine chest X-rays is low. Any suspicion of Chest disease being present, however, necessitates immediate X-ray no matter what stage of pregnancy has been reached.

### Routine Blood Testing.

In all Ante-Natal Clinics, blood samples are obtained from attending mothers for the essential ante-natal investigations of blood grouping (including determination of the Rhesus factor) Kahn reaction and haemoglobin level, together with other possible ancillary tests.

Total number of blood samples sent for examination during the year :

Grouping and determination of Rhesus factor ..	303
(This figure includes a blood sample from one husband for his genotyping)	

Of this total, 216 patients were Rhesus positive and 87 patients Rhesus negative (including 4 patients with Rhesus antibodies present)

Blood samples sent for Kahn reaction .. ..	274
Blood samples sent for Haemoglobin level ..	325
Blood samples sent for ancillary tests—one blood sample was sent for estimation of blood sugar level.	

There were no Wasserman Tests performed during the year.

### Family Planning Clinic.

The Family Planning Association run this service in Middlesbrough, their sessions taking place at the North Ormesby Welfare Centre. Free consultations are arranged for patients who are referred for medical reasons which satisfy the Medical Officer of Health.

During the year 77 patients were referred for such consultation from the following sources :—

General Practitioners .. ..	24
Welfare Centre and Ante-Natal Clinics .. ..	12
Chest Clinic .. ..	1
St. Luke's Hospital .. ..	30

### Premature Births.

By definition, a premature infant is one whose weight at birth is  $5\frac{1}{2}$  lbs., or less, and the actual length of gestation is not of prime importance.

During the year there were 453 premature infants born in the town. Two hundred and ninety six were Middlesbrough babies.

Further details of these infants may be found in Table VI of the statistical tables at the end of this report.

### Stillbirths.

168 stillbirths occurred in the town during the year : 86 were Middlesbrough cases : 31 of these took place in domiciliary midwifery practice.

The following is a chart, giving some of the details of these stillbirths :—

DOMICILIARY			INSTITUTIONAL		
A. Maternal Health Factors	Total	{	Total	{	
	—		4	Febrile Illness ..	1
				Maternal neurosis ..	1
				Rhesus incompatibility .. ..	2
B. Obstetric Complications	11	{	95	{	
				Twin pregnancy ..	14
				Pre-eclamptic toxæmia (incl. two eclamptics) ..	19
				A.P.H. .. ..	42
				Breech delivery ..	9
				Prolonged labour ..	5
		{		Prolapsed cord ..	4
				Hydramnios ..	1
				Cord round neck ..	1
C. Foetal abnormalities	3	{	17	{	
				Hydrocephalus ..	6
				Anencephalus ..	10
				Achondroplasia ..	1
D. Undetermined Factors	17		21		
TOTAL	31		137		

### NEO-NATAL, INFANT AND CHILD DEATHS.

During the year, a total of 100 deaths of children under 5 years occurred in the Borough. Eighty-six of these were in hospital and 14 at home. There were 65 neo-natal deaths, 25 deaths of other infants, and the remaining 10 were between the ages of one and five.

A brief summary of the causes of these deaths is as follows :—

#### Neo-natal deaths :

Prematurity .. .. .	29
Cerebral haemorrhage .. .. .	10
Congenital abnormalities .. .. .	10
Atelectasis (including asphyxia pallida and intra-uterine anoxia) .. .. .	8
Infections .. .. .	3
Haemolytic disease of the newborn .. .. .	3
Asphyxia "with clothing" .. .. .	2

#### Infant deaths :

Infections .. .. .	14
Congenital defects .. .. .	3
Asphyxia due to mechanical cause .. .. .	3
Malignant conditions .. .. .	2
Subarachnoid haemorrhage .. .. .	1
Intussusception .. .. .	1
Infanticide .. .. .	1

#### Child deaths :

Infections .. .. .	8
Malignant condition .. .. .	1
Injury (road accident) .. .. .	1

### PUERPERAL PYREXIA.

Nineteen cases were notified during the year. Herewith the details :—

Domiciliary		Institutional	
Influenza .. .. .	1	Upper respiratory tract infection .. .. .	1
Retained products of conception .. .. .	1	Anaemia .. .. .	1
Causes unknown .. .. .	3	Pneumonia .. .. .	1
		Urinary infection .. .. .	5
		Breast abscess .. .. .	2
		Retained products of conception .. .. .	1
		Septic abortion .. .. .	2
		Causes unknown .. .. .	1
Total .. .. .	5	Total .. .. .	14

### MATERNAL MORTALITY.

6 maternal deaths occurred during the year, two of these being non-residents of the town and one death occurring in the patient's own home.

Herewith brief details of these deaths :—

- A. Aged 31—died at home. Registered cause of death being
  - 1(a) Air embolism, due to detachment of placenta.
  - (b) Accidental hæmorrhage
- B. Aged 19—Registered cause of death :—
  - 1(a) Pulmonary embolism
  - (b) Thrombosis of pelvic veins.
  - 2. Purulent bronchiectasis.
- C. Aged 25—Registered cause of death :—
  - 1(a) Pulmonary embolism.
  - (b) Parturition.
  - 2. Epistaxis.
- D. Aged 44. Non-resident—Registered cause of death :—
  - 1. Pulmonary embolism.
- E. Aged 27—non-resident—Registered cause of death :—
  - 1. Ante-partum uterine hæmorrhage.

The Registrar General in his annual return for the year 1958 has included the following patient as a maternal death—the patient had been delivered of a female infant in October of the previous year and her death had occurred almost 12 months later.

- F. Aged 28. —Registered cause of death :—
  - 1(a) Heart failure.
  - (b) Malignant hypertension.
  - (c) Previous toxæmia of pregnancy.

### HEALTH VISITING.

#### Staff.

At the commencement of the year the staff included a Superintendent Health Visitor ; 9 full-time Health Visitors ; 3 part-time Health Visitors ; 9 full-time Public Health Nurses ; and one full-time Male Orderly for domiciliary work.

During the year, a Deputy Superintendent Health Visitor was appointed and also an additional Public Health Nurse.

The authorised establishment is one Superintendent Health Visitor, one Deputy, 29 Health Visitors, six full-time Public Health Nurses (Geriatric), and one Male Orderly.

### Student Health Visitors.

Of the 3 Students who were accepted for training last year, one remains on the staff as a qualified Health Visitor, following the completion of her course of training.

During this year, two Students were accepted for training. One—a visitor to the United Kingdom from Nigeria—has commenced her training at the course of study held in Bolton; the second will commence her training at Leicester in January, 1959.

### Health Visitors' Educational Course.

Although pressure of work remained great during this year, one Health Visitor attended a Refresher Course held in November.

### Hospital Student Nurses' Training.

Lectures were given by members of the Health Department in March and September as part of the training of Student Nurses from the General, North Ormesby and Hemlington Hospitals and also from Stockton and Thornaby Hospital. About 25 students attended for approximately 24 hours, but unfortunately no practical work could be arranged in view of the pressure of work on the existing staff.

### Home Visiting.

A considerable increase in the number of visits that Health Visitors have paid to homes, is reported during the year. This is especially reflected in the visits to homes where there are children aged between 1 and 5 years, but is also seen where infants (0-1 years) are living.

The details are as follows :—

Birth enquiry or first visits .. .. .	3,641
Visits to infants (0—1 year) (excluding the initial visit) .. .. .	9,430
Visits to children (1-5 years) .. .. .	19,549
Special visits .. .. .	1,002
Neo-natal and infant death visits .. .. .	45
Ante-natal first visits .. .. .	361
Ante-natal re-visits .. .. .	127
Visits to aged men and others .. .. .	4,466
Visits to aged women and others .. .. .	6,867
Infectious disease visits .. .. .	1,941
Cleansing visits .. .. .	1,035
Ineffectual visits .. .. .	6,149
<b>Total .. .. .</b>	<b>54,613</b>

Regular hygiene inspections are carried out by members of the Health Visiting staff at the Occupation Centre. A total number of 1,445 inspections were performed, and during the year 34 children were found to require treatment (80 treatments in all) for pediculi.

The treatment of Scabies has also been carried out by the Health Visiting staff, the actual treatments taking place at the Health Department. A slight increase in the incidence of this infection has been noticed during the year ; six adults, 4 school-children and 22 pre-schoolchildren having been referred for treatment.

### Hospital After-care and Care of the Aged.

Requests from hospitals regarding home circumstances of patients, and their subsequent progress, continue to be dealt with by the Health Visiting staff.

The number of aged men and women requiring domiciliary care during the year was 1,315, those temporarily in hospital being 114.

### Child Welfare Centres.

There are 11 Child Welfare Centres in the town and the following are details of the attendances of infants during the year :—

Number of children 0-1 year .. .. .	2,164
(attending for the first time)	
Number of children 1-5 years .. .. .	115
(attending for the first time)	
Total number of attendances of children 0-1 year	18,992
Total number of attendances of children 1-5 years	6,987
Number of children examined by doctor ..	4,102
Number of children—advice given by Health	
Visitors .. .. .	21,877
Total number of Clinic sessions .. .. .	637

The following table shows the actual attendances during the year at the individual Clinics :—

	0-1 yr.	1-5 yrs.
Elizabeth Purvis Centre		
(2 Sessions weekly) ..	2,054	780
Lord Street (Cannon) ..	1,775	682
Ayresome .. .. .	1,889	564
Grove Hill .. .. .	2,107	727
American Red Cross ..	888	521
Acklam .. .. .	1,599	500
North Ormesby .. .. .	1,482	426
Thorntree (2 sessions weekly)	2,269	1,173
Whinney Banks .. .. .	1,866	607
St. Barnabas .. .. .	1,623	402
Park End .. .. .	1,440	605

Unless otherwise mentioned there is one session weekly at each of the Centres.

From the Child Welfare Centres 58 infants and children were subsequently referred for further treatment or opinions, the details being as follows :—

Dental treatment .. .. .	4
For hospital advice (General and North Ormesby Hospital) .. .. .	3
U.V.L. .. .. .	8
Orthopaedic School Clinic .. .. .	27
Dermatologist .. .. .	3
Pædiatrician .. .. .	4
Chest Clinic (for B.C.G.) .. .. .	3
Speech Therapy Clinic .. .. .	3
North Riding Infirmary (for strabismus) .. .. .	3

Patch tests are performed at the Centres, when thought necessary.

#### **Ascertainment of Hearing in Young Children.**

A simple screening test for deafness in children is performed by some of the more senior Health Visitors.

Many more tests of this type were carried out during the year, in all 128 tests being performed upon 125 children. One child was subsequently referred for the opinion of an Ear, Nose and Throat specialist.

#### **Orthopaedic Treatment.**

Orthopaedic problems in infants are referred from Child Welfare Clinics for the advice of the Orthopaedic Consultants attending at the School Clinic. These orthopaedic sessions are maintained by the Education Committee for schoolchildren and the Consultants in attendance are :— Mr. H. L. Crockatt and Dr. K. Adamson from the Adela Shaw Hospital, Kirbymoorside.

Mr. Crockatt, the senior surgeon, retired in September of this year, after 33 years' association with this town and Dr. Adamson continued the sessions.

During the year, 16 sessions were held, 225 appointments for infants were made and of these, 27 were initial visits.

#### **SALE OF WELFARE FOODS.**

Ministry of Food products and proprietary welfare foods are sold at all the Child Welfare Clinics and also from the Central Depot in Albert Terrace.

The following issues took place during the year, with the figures of the previous two years for comparison :—

	1958	1957	1956
National Dried Milk ..	33,813	55,679	88,394
Bottles of Orange Juice ..	70,296	114,056	101,795
Bottles of Cod Liver Oil	6,186	11,691	13,964
Vitamin Tablets .. ..	6,546	7,760	7,132
Proprietary Food Sales	£7,020	£6,808	£7,054
Packets of Food issued free of charge .. ..	732	446	394

### Dental Care of Expectant and Nursing Mothers and Children under School Age.

Due to the continued shortage of dental staff there is still only one session weekly for this service. This session takes place in the Dental Centre at the Grove Hill Child Welfare Clinic.

During the year 165 expectant and nursing mothers, together with 28 children of pre-school age were seen in consultation. Examination and treatment were given as required.

The details of the work carried out are as under :—

#### A. Numbers provided with Dental Care.

	Examined	Needing treatment	Treated	Made dentally fit.
Expectant and Nursing Mothers	165	165	145	146
Children under five .. ..	28	28	28	28

#### B. Forms of Dental Treatment Provided.

	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns or Inlays	Extractions	General Anæsthetic	Dentures provided		Radio-graphs
							Full Upper or Lower	Partial Upper or Lower	
Expectant & Nursing Mothers ..	—	—	—	—	2,272	27	202	5	—
Children under five ..	—	—	—	—	65	28	—	—	—

### DAY NURSERIES.

The Council continues to maintain three day Nurseries, at all of which students are trained for the N.N.E.B. examination.

Attendance fees for the children are assessed according to family income, the maximum daily fee being 10/- (unaltered from the previous year).

	No of Places		No. on Register at 31.12.1958		Average Daily Attendance	
	0-2	2-5	0-2	2-5	0-2	2-5
Mosman Terrace ..	25	35	25	37	16	22
Parkside .. ..	25	35	17	43	12	26
West Lane .. ..	25	35	20	29	13	19

### NURSERIES AND CHILD-MINDERS REGULATION ACT, 1948.

Three nursery classes are now operating in the County Borough accommodating 88 children.

The classes are held at :—

“ Grey Tiles ” Nursery School, Green Lane (40 places).

The Grove Hill Nursery Class, Grove Hill Methodist Chapel Schoolroom (20 places).

Settlement Hall, Newport Road (28 places).

We have had no application during the year, nor have we at the moment registered any individual child minder.

## SECTION C

### PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The total number of notifications received during the year was 3,254 compared with 4,330 in the previous year.

#### **Diphtheria.**

There were no notifications of Diphtheria during 1958.

Two cases were admitted to West Lane Hospital as possible Diphtheria cases, but the diagnoses were not confirmed.

#### **Scarlet Fever.**

339 notifications were received as against 189 for the year 1957. Individual cases continued to be of a mild type and there were no deaths.

#### **Paratyphoid Fever.**

No cases were notified.

#### **Meningococcal Infections.**

There were 10 notifications in 1958. There was one death.

#### **Erysipelas.**

There were 12 notified cases.

#### **Puerperal Pyrexia.**

19 cases were notified.

#### **Dysentery.**

Notifications of Dysentery numbered 401 as against 223 for the year 1957 ; 286 were proved to be due to *Shigella Sonnei*, and 115 were not defined.

#### **Measles.**

During the year 1,315 notifications were received as compared with 1,927 for the year 1957. All cases were visited and kept under observation by Health Department Nurses and School Nurses. No death was registered.

**Chickenpox.**

835 notifications were received, of which 457 occurred in schoolchildren. All cases were visited by Health Department and School Nurses.

**Whooping Cough.**

There were 65 cases notified during the year with no deaths, as compared with 257 cases and no deaths in 1957. All cases were visited by Health Department and School Nurses.

**Ophthalmia Neonatorum.**

Three cases were notified.

**Influenza.**

There were 3 deaths from this disease, as compared with 8 in the previous year.

**Influenzal Pneumonia.**

12 cases were notified.

**Acute Primary Pneumonia.**

There were 81 cases notified, and there were 104 deaths.

**Smallpox.**

No case occurred during the year.

**Poliomyelitis.**

There was one case of paralytic poliomyelitis and 11 cases of non-paralytic poliomyelitis during the year, none of which was fatal. Six of the 12 cases occurred during the three month period July—September.

**Encephalitis.**

1 case occurred during the year.

**Gastro-Enteritis.**

There were 11 deaths from Gastro-Enteritis during the year, compared with 6 in 1957.

**Food Poisoning.**

11 cases of Food Poisoning were notified during the year. Organisms as shown in Table IIa.

**Vaccination Against Smallpox.**

				No. Vaccinated			
				Primary		Re-Vaccinations	
				1957	1958	1957	1958
Under 1 year	..	..		226	343	3	—
1 year	..	..		184	262	29	—
2—4 years	..	..		34	59	13	5
5—14 years	..	..		59	56	43	18
15 and over	..	..		94	97	294	256
				597	817	382	279
					1957	1958	
Registered Live Births	..	..			3,481	3,710	
Percentage of children under 1 year vaccinated in relation to registered births					6.58	9.25	

Vaccinations were undertaken by members of the Health Department staff at a Central Clinic, whilst members of the Public were also vaccinated free of charge by their family doctors.

**Vaccination against Poliomyelitis.**

10,988—2nd Injections.

1,209—3rd Injections.

**DIPHTHERIA IMMUNISATION.**

The work of Diphtheria Immunisation carried out by the Public Health Department in the year 1958 is shown by the following figures :—

No. of children under 5 years of age immunised	..	1,894
No. of schoolchildren immunised	.. ..	353
No. of reinforcing injections	.. ..	684

The following are the percentages of the total number of children in the town who have been immunised in the two groups :—

Percentage of children under five years of age immunised	.. ..	39.1
Percentage of schoolchildren immunised	.. ..	84.41

### Immunisation in Relation to Child Population.

Number of children at 31st December, 1958, who had completed a course of Immunisation at any time between 1st January, 1944, and 31st December, 1958.

Age at 31.12.58 i.e. Born in Year	Under 1 1958	1 to 4 1954-57	5 to 9 1949-53	10 to 14 1944-48	Under 15 Total
Last complete course of injections (whether primary or booster)					
A. 1954-1958 .. .. .	226	5,913	8,893	1,514	16,546
B. No. of children whose last course was completed 1953 or earlier .. .. .	—	—	2,075	10,647	12,722
C. Estimated mid-year child population .. .. .	3,540	12,160	27,400		43,100
Immunity Index .. .. .	6.38%	48.6%	37.99%		38.4%

### SCABIES.

The treatment of scabies and other verminous conditions continued during the year.

	1956	1957	1958
Adults (over school age) ..	3	5	11
School children .. .. .	20	24	1
Pre-school children .. .. .	3	6	9
Occupation Centre children ..	—	—	—
Total of patients .. .. .	26	35	21
Total of treatments .. .. .	18	33	39

### SMOKING AND LUNG CANCER.

The continued increase in the incidence of lung cancer both in this country and also in America, has been carefully watched.

As far as Middlesbrough is concerned, the public reactions would seem to have been as follows :—

The majority of the adult public seem to be uninfluenced by the public assertion that there was a definite relationship between the incidence of lung cancer and of heavy smoking. They are smoking happily on, thoroughly enjoying it, and are making a substantial contribution to the National revenue. But when you turn to the teenagers and those in their twenties, the impression we have formed is that quite a number of them have cut down their smoking and not a few of them have cut it right out. Enquiry among senior schoolboys—answered, we hope, truthfully—gives us the impression that many schoolboys avoid forming the habit of smoking, their reasons being :—

- (1) It is expensive and they have better uses for their pocket-money.
- (2) It might interfere with their athletic aspirations.
- (3) There is no longer the same thrill attached to smoking, as it is not now generally severely punished when detected and policemen no longer go about snatching cigarettes from boys' mouths and confiscating any found on them and enquiring whether they are 16 years of age or not.

There is no doubt, in our view, that the way to reduce smoking—an important thing in an area so prolific in other causes of bronchitis as Tees-side—is by advising and counselling our youngsters not to adopt the habit.

Propaganda directed to the reform of the middle-aged and the elderly is simply waste of money.

### **TUBERCULOSIS REPORT.**

We are indebted to Dr. B. Coutts, Senior Consultant Chest Physician to the Middlesbrough Group Hospitals and Tuberculosis Aftercare Officer to the Middlesbrough Local Health Authority, for the following observations and statistics.

No marked change occurred in the general picture of anti-tuberculous work in Middlesbrough in 1958. As in previous years the numbers of new notified cases continued to fall, there being a decline from 169 in 1957 to 140 in 1958. Ten years earlier, in 1948, the number of new cases notified was 344. Real progress has, therefore, been made in this period of time.

#### **New Cases.**

Most of the new cases notified were men, 97 as compared with 104 in 1957. The number of new women patients notified fell from 59 in 1957 to 31 in 1958, a very remarkable improvement indeed.

It is of interest that 44 of the 97 males diagnosed were aged 45 or over, and three were over 75 years.

#### **Deaths.**

19 deaths occurred, 12 males and 7 females. As in 1957 one death occurred in a schoolchild, two in the entire population aged less than 25 years and 3 in the over 65 age group.

#### **Hospital Treatment.**

Hospital admissions totalled 147 during the year. The number of beds in Poole Hospital for tuberculosis has been reduced and there is at present a good balance between the provision of hospital accommodation and the requirements of the patients. A striking feature has been the continued decline in the need for patients to have surgical treatment to complete their return to health.

### Preventive Work.

Among contact children, fewer tuberculin positive children have been found, 69 as against 168 in 1957. B.C.G. vaccination was given to 364 persons, fewer than in the previous year. Only 24 contacts were found to be suffering from notifiable disease compared with 36 in 1957, a welcome improvement.

During the year the routine examination of schoolchildren and pregnant women has been discontinued, mainly because of the lack of positive findings in recent years.

### Chest Clinic Attendances.

These are maintained at 9,506 compared with 9,083 ; there appears to be an enormous problem developing in non-tuberculous diseases of the chest, the treatment of which is much less satisfactory than the treatment of tuberculosis. This is a sphere of work in which prevention will be of ever-increasing importance.

### AGE AND SEX DISTRIBUTION OF DEATHS.

Age Groups	0-9	10-	15-	20-	25-	35-	45-	55-	65-	All Ages
Respiratory—										
Males .. ..	—	—	—	—	1	—	9	—	2	12
Females ..	—	—	—	1	2	—	2	—	1	6
Non-Respiratory—										
Males .. ..	—	—	—	—	—	—	—	—	—	—
Females ..	—	1	—	—	—	—	—	—	—	1
Totals .. ..	—	1	—	1	3	—	11	—	3	19

### AGE AND SEX DISTRIBUTION OF NOTIFICATIONS.

Age Groups	0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	All Ages
Respiratory—														
Males .. ..	—	1	5	2	2	7	3	15	18	15	22	4	3	97
Females ..	1	2	—	3	5	3	3	6	5	1	2	—	—	31
Non-Respiratory—														
Males .. ..	—	1	—	—	—	—	—	3	—	—	1	—	—	5
Females ..	1	—	1	1	—	—	—	—	—	1	1	—	2	7
Totals .. ..	2	4	6	6	7	10	6	24	23	17	25	4	5	140

The above includes 2 Port notifications.

Source of Notifications :—					1958	1957
Chest Clinic	..	..	..	..	70	73
General Practitioner X-ray scheme	..				—	—
Contacts	..	..	..	..	24	36
Mass Radiography	..	..	..	..	4	11
Ante Natal	..	..	..	..	—	1
Registrar's Return	..	..	..	..	6	5
Transfers In	..	..	..	..	36	24
Other Hospitals	..	..	..	..	34	36
General Practitioners	..	..	..	..	—	4
H.M. Forces	..	..	..	..	1	5
Industry	..	..	..	..	1	3
School Leaver	..	..	..	..	—	1
					176	199

#### Middlesbrough Patients Admitted to Hospital during 1958 :—

	Males	Females	Children
Hemlington Hospital .. ..	5	10	—
Poole Hospital—Non-tuberculous	179	27	9
Tuberculous ..	94	44	9
	278	81	18

Contacts.					1958	1957
Babies under 6/52 given B.C.G.	..	..			84	116
Tuberculin Negative (over 6/52 old)	..				300	465
Tuberculin Positive (over 6/52 old)	..	..			69	168
Total B.C.G. Vaccination (including babies under 6/52 old)	..	..	..	..	364	410
Contacts X-rayed	..	..	..	..	1,564	1,526
Contacts diagnosed as cases	..	..			24	36
Contacts under observation	..	..	..		7	17

#### Types of Cases Found.

		Males and Females	Males	Females	Children
Sputum Negative	A.1 (Minimal)	19	13	6	17
	A.2 (Moderate)	25	22	3	—
	A.3 (Advanced)	—	—	—	1
		—44	—35	—9	—18
Sputum Positive	B.1 (Minimal)	2	1	1	1
	B.2 (Moderate)	57	47	10	—
	B.3 (Advanced)	6	6	—	—
		—65	—54	—11	—1
	Non-Respiratory	8	4	4	4
		—8	—4	—4	—4
		117	93	24	23



**Total Attendances in 1958 of all persons suffering from :—**

Syphilis		Gonorrhœa		Other Conditions		Total		Grand Total
M.	F.	M.	F.	M.	F.	M.	F.	
867	617	777	184	1,186	263	2,830	1,064	3,894

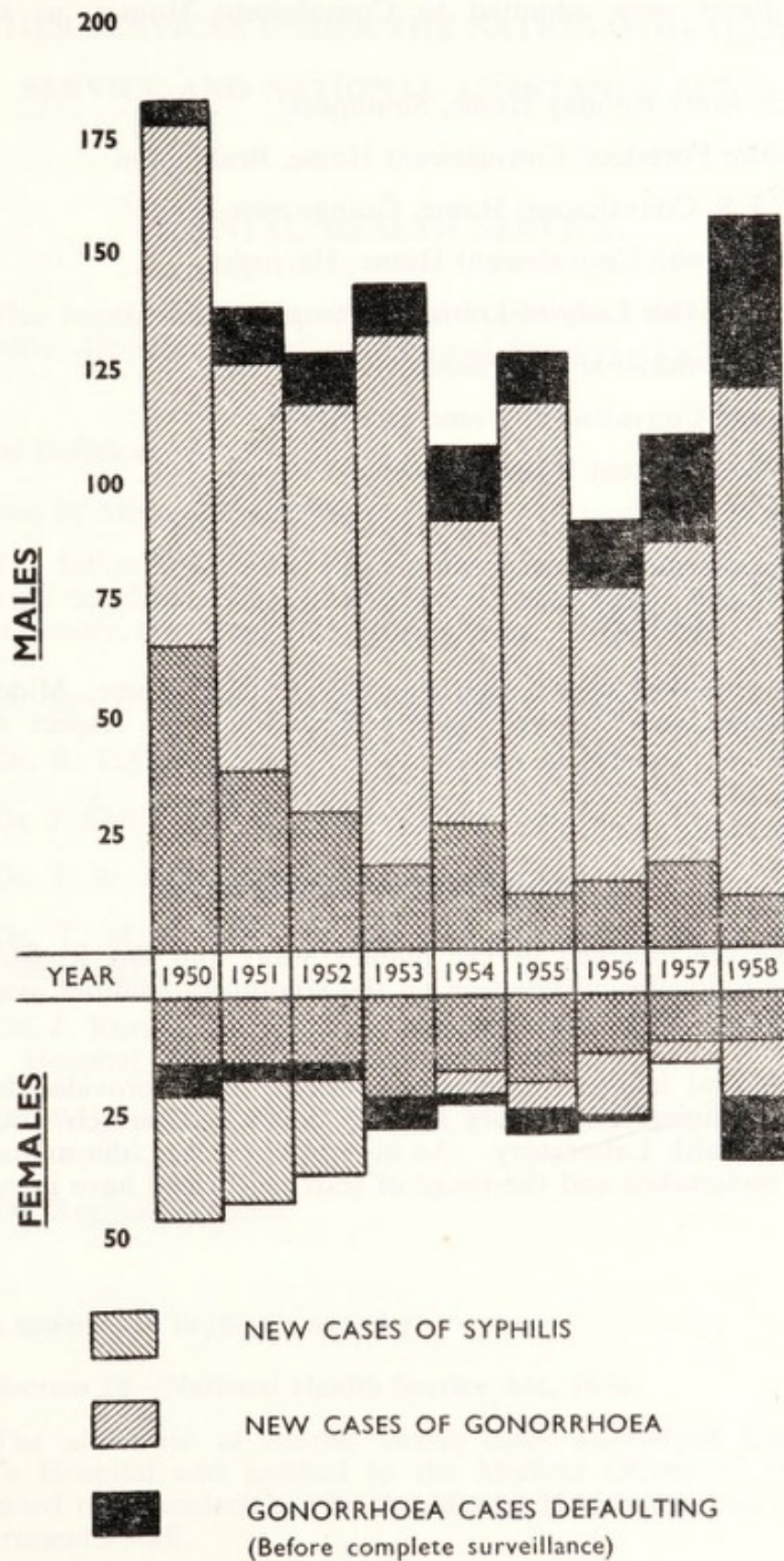
**Congenital Syphilis—New Cases Classified in Age Groups.**

15 and over : Male 2. Female 6.

**Cases under Observation or Treatment on 31st December, 1958.**

Syphilis		Gonorrhœa		Other Conditions		Total		Grand Total
M.	F.	M.	F.	M.	F.	M.	F.	
57	46	33	11	32	8	122	65	187

COMPARISON OF NEW CASES OF GONORRHOEA TO  
 SYPHILIS (MALE AND FEMALE) DURING THE YEARS  
 1950 TO 1958.



### CONVALESCENT HOMES.

Under the provisions of the National Health Service Act, 1946, 51 patients were admitted to Convalescent Homes, as shown below :—

Church Army Holiday Home, Southport	.. .. .	3
Yorkshire Foresters' Convalescent Home, Bridlington	..	18
N.E.C.F.S. Convalescent Home, Grange-over-Sands	..	1
Metcalfe Smith Convalescent Home, Harrogate	.. .. .	1
Convent of Our Lady of Lourdes, Grange-over-Sands	..	3
Procter Memorial Home, Shotley Bridge	.. .. .	5
Westwood Convalescent Home, Blackpool	.. .. .	1
Milne Convalescent Home, Southport	.. .. .	1
Private, Redcar	.. .. .	15
Private, Whitby	.. .. .	2
Private, Cullercoats	.. .. .	1

In addition convalescence at the Ropner Home, Middleton St. George, was arranged by the Department in respect of six patients.

### LABORATORY FACILITIES.

We are indebted to Dr. Stanley Wray and Dr. R. Blowers, for the following information on the laboratory facilities available in the Tees-side Area.

Medical laboratory services continue to be provided by the Central Clinical Laboratory and the Medical Research Council's Public Health Laboratory. As in previous years, the amount of work undertaken and the range of tests performed have increased.

## SECTION D

### OTHER SERVICES UNDER THE NATIONAL HEALTH SERVICE AND NATIONAL ASSISTANCE ACTS.

#### MENTAL HEALTH SERVICE.

This important branch of the work has been referred to in my preamble—the following information and statistics are appended :—

##### **Mental Deficiency Acts.**

##### **Petitions by Medical Practitioners.**

The following medical officers are approved for the purpose of giving certificates of mental defect to accompany petitions for orders, under the Mental Deficiency Acts.

Dr. Eric C. Downer, Medical Officer of Health.

Dr. R. Taylor, Deputy Medical Officer of Health.

Dr. J. Cahill, Senior School Medical Officer.

Dr. T. W. Hill, School Medical Officer.

Dr. T. M. Cuthbert, Physician-Superintendent of St. Luke's Hospital.

Dr. J. Russell, Deputy Physician-Superintendent of St. Luke's Hospital.

Dr. W. Webster, Senior Hospital Medical Officer of St. Luke's Hospital.

Dr. Reginald J. Belas.

##### **Work undertaken in the Community.**

##### **Section 28—National Health Service Act, 1946.**

The after-care of mental health cases discharged from St. Luke's Hospital and notified to the Medical Officer of Health, continued to be undertaken by the Mental Health Workers on the Department's staff.

**Number of cases receiving after-care at the 31st December, 1958 :**

Males .. ..	28
Females .. ..	32
	<hr/>
Total .. ..	60
	<hr/>
Total number of visits paid was	—143
Cases receiving pre-care ..	— 59

**Lunacy and Mental Treatment Acts, 1890—1930 :**

The following cases have been admitted to St. Luke's Hospital by the Duly Authorised Officers during the year.

	Male	Female
	<hr/>	<hr/>
Voluntary .. ..	7	9
Temporary .. ..	6	8
Certified .. ..	23	22
Urgency Order .. ..	1	—
Section 20 .. ..	32	52
Section 21 .. ..	—	—

Total, male and female 160

Winterton Hospital, temporary—1.

Admissions to St. Luke's were restricted between 1st February to 15th May, 1958 for the purpose of renovation and re-decoration.

In addition 11 cases were examined under the provisions of section 16 Lunacy Act but not certified.

Two cases were examined under the provisions of section 5 Mental Treatment Act but not admitted.

Grand total .. 174

Eighty-two patients were admitted to St. Luke's Hospital voluntarily after being initially admitted by our Duly Authorised Officers under the Lunacy and Mental Treatment Act. 105 cases were admitted by sources other than by Duly Authorised Officers.

Ambulance services were required on 128 occasions, private taxis on 6 occasions, police cars on 6 occasions and Duly Authorised Officer's private cars on 52 occasions.

<b>Epileptics</b>	Males .. ..	152
	Females .. ..	133
		<hr/>
	Total .. ..	285
		<hr/>

**Mental Deficiency Acts, 1913—1938 :**

The following table shows the disposal of Middlesbrough Mental Defective cases in Institutions—

					Certified	Informal
					—	—
Prudhoe and Monkton Hospital	..	..	..	..	27	76
Aycliffe Hospital	..	..	..	..	46	59
Rampton State Institution	..	..	..	..	8	—
Lisieux Hall	..	..	..	..	2	—
Etloe House	..	..	..	..	1	—
Whittington Hall	..	..	..	..	1	1
Bishop Auckland Institution	..	..	..	..	—	3
Calderstone Hospital	..	..	..	..	1	—
Field-Heath House	..	..	..	..	1	—
Howbeck House, Hartlepool	..	..	..	..	5	—
Franklyn Home, Exeter	..	..	..	..	—	1
Royal Earlswood Hospital, Surrey	..	..	..	..	1	—
St. Joseph's Home	..	..	..	..	1	—
Binchester Whins Annexe	..	..	..	..	—	1
Meanwood Hospital	..	..	..	..	1	—
Moss-side Institution	..	..	..	..	1	—
Fountain Hospital	..	..	..	..	—	1
Whixley Colony, Yorks	..	..	..	..	1	—
General Hospital, West Hartlepool	..	..	..	..	1	—
Manor Hospital, Epsom	..	..	..	..	1	—
Westwood Hospital	..	..	..	..	1	—
Total	..	..	..	..	100	142

Grand Total 242

The following cases were admitted during the year :—

Aycliffe Hospital	Adult Males	..	..	1
	Adult Females	..	..	2
	Female Children	..	..	3
	Male Children	..	..	5
Total	..	..	..	11

**Ascertainment, including number of defectives awaiting vacancies in Institutions at the end of the year :**

Six cases (3 male and 3 female) were notified by the Local Education Authority under Section 57/3 of the Education Act, 1944.

Five cases (3 male and 2 female) were notified under Section 57/5. One male case was reported by the Police. Six males and eleven females were notified by other sources.

Two females were reported but not regarded as subject to be dealt with.

Of this number, nine males and ten females were placed under statutory supervision, one male and two females were admitted to institutions, and two males and six females were placed under voluntary supervision.

As 31st December, 1958, 34 males and 16 females were on the waiting lists for admission to institutions.

**Supervision :**

At the end of the year 167 males and 169 females were under supervision.

**Temporary Accommodation, Ministry of Health Circular 5/52 :**

Twelve cases received temporary care.

**Cases brought before the court :**

The Duly Authorised Officers attended Magistrate and Juvenile Courts on forty-seven occasions.

## **HOME NURSING SERVICE.**

The Middlesbrough District Nursing Association continue to provide a Home Nursing Service on behalf of the Council. Four members of the Council sit on the Executive Committee of the Nursing Association, and the Medical Officer of Health attends its meetings.

The medical and other staff of the Health Department take part in the training of the district nurses, giving lectures and demonstrations.

At the beginning of the year there were 17 nurses employed whole-time and 8 nurses employed part-time working under the direction of the Superintendent, Miss I. G. Bulloch. Staff changes occurred during the year, and on the 31st December, 1958, there were 10 nurses employed whole-time and 12 nurses employed part-time. The Home is approved for training purposes.

Shown overleaf is a summary of the work of the Association based on the monthly reports submitted by it.

MIDDLESBROUGH DISTRICT NURSING ASSOCIATION.  
NATIONAL HEALTH SERVICE ACT, 1946.

HOME NURSING SERVICE — FOR THE YEAR 1958.

	Patients Receiving Attention at beginning of month	New Cases	Total	Discharged	Cases Remaining on books at end of month	Total Visits Paid	Ex-hospital Cases
January ..	440	227	667	210	457	8710	17
February ..	457	163	620	179	441	7690	8
March ..	609	168	609	156	453	7981	26
April ..	453	123	576	149	427	7535	22
May ..	427	128	555	132	423	7735	25
June ..	423	102	525	121	404	7078	15
July ..	404	142	546	130	416	7472	25
August ..	416	118	534	133	401	7063	15
September ..	401	120	521	116	405	7061	10
October ..	405	129	534	146	388	7345	11
November ..	388	152	540	133	407	7034	16
December ..	407	158	565	179	386	7347	11

ANALYSIS OF EX-HOSPITAL CASES.

Abscess ..	1	Fistula ..	..	..	1	Pneumonia ..	2
Amputation ..	2	Fractures ..	..	..	5	Pruritis ..	1
Anæmia ..	11	Gastrectomy ..	..	..	1	Puerperal Pyrexia ..	2
Appendicectomy ..	4	Heart Disease ..	..	..	16	Prostatectomy ..	1
Arthritis ..	3	Hemiplegia ..	..	..	3	Prolapse uterus ..	2
Cancer ..	11	Hernia ..	..	..	1	Senility ..	1
Cæsarean Section ..	3	Hodgkins disease ..	..	..	1	Sinus ..	2
Cerebral Haemorrhage ..	3	Laceration ..	..	..	1	Scalds ..	2
Cerebral Thrombosis ..	1	Mastectomy ..	..	..	1	Slipped disc ..	1
Circumcision ..	4	Maternity ..	..	..	2	Sepsis ..	4
Colostomy ..	13	Nephrectomy ..	..	..	2	Tumour ..	1
Cleft palate and hare lip ..	1	Miscarriage ..	..	..	1	Tuberculosis ..	50
Cystotomy (Supra pubic) ..	14	Paraplegia ..	..	..	1	Thrombosis ..	1
Diabetes ..	19	Parkinsons Disease ..	..	..	1	Ulcer ..	2
Excision of Kidney ..	1	Perineal resection ..	..	..	1	..	..

# ANALYSIS OF CASES AND VISITS PAID.

	January	February	March	April	May	June	July	August	September	October	November	December	Total
	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases	Cases
	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits	Visits
Medical ..	59 1944	54 1839	44 1805	33 1686	37 1800	32 1619	48 1840	42 1659	44 1691	50 1713	38 1622	53 1590	534 20808
Surgical ..	11 879	12 778	17 727	6 651	9 663	7 695	15 757	7 780	5 791	7 748	11 688	7 655	114 8812
Infectious Diseases ..	40 278	14 138	16 113	18 105	8 58	2 20	5 39	7 41	4 30	3 37	7 66	14 102	138 1027
*Tuberculosis	21 2610	8 2288	18 2392	17 2519	15 2492	16 2186	15 2245	10 2050	12 2112	20 2367	18 2154	12 2165	182 27580
Maternal Complications	2 16	1 3	1 13	— —	3 22	— 4	1 2	— —	1 7	2 22	1 3	1 9	13 101
†Others ..	94 2983	74 2644	72 2931	49 2574	56 2700	45 2554	58 2589	52 2533	54 2430	47 2458	77 2501	71 2826	749 31723
Totals ..	227 8710	163 7690	168 7981	123 7535	128 7735	102 7078	142 7472	118 7063	120 7061	129 7345	152 7034	158 7347	1730 90051

## PATIENTS AGED 70 YEARS AND OVER.

	Men	Women	Total
On Books, 1/1/58 ..	54	90	144
New Patients During Year	198	346	544
Remaining on Books, 31/12/58	49	86	135

\*Mainly injections

†Includes special injections : Cases 595 : Visits 13831.

### AMBULANCE SERVICE.

The number of patients carried by the Ambulance Service was 50,767 and exceeded the previous year by 1,916. This figure is the highest recorded by the Ambulance Service.

The vehicle strength of the service consists of nine ambulances, three sitting case ambulances and two sitting case cars.

The Ambulance Service Personnel comprised :—

- 1 Ambulance Officer
- 1 Clerk and Deputy Ambulance Officer
- 23 Driver/Attendants
  - 1 Male attendant
  - 2 Female attendants
  - 4 Male telephonists
  - 1 Female telephonist
  - 1 Female cleaner

The following figures show the number of cases dealt with in previous years :—

1954	1955	1956	1957
42,890	47,297	50,370	48,851



1958	Journeys	TYPE OF PATIENTS				Not required and other Services	CATEGORIES																	Total	MILEAGE				PETROL (Gals.)			OIL (Pints)		
		Recurrent	Sitting	Carried in Ambulances	Carried in S/case Vehicles		Street Accidents	Street Illnesses	Works Accidents	Home Accidents	Works Illnesses	Maternity	Obstetrical	Mental	House Transfers	Hospital Transfers	Out Patients	Admissions	Discharges	West Lane Hospital Cases	M/ds. Occupation Centre	Midwifery Service	Ambulances		S/case Vehicles	West Lane Hospital Ambulance	Total	Ambulances	S/case Vehicles	Total	Ambulances	S/case Vehicles	Total	
January ..	1450	1146	3596	2975	1767	124	61	23	60	18	23	72	11	13	3	235	2259	530	639	113	680	2	4742	9325	5840	457	15622	880	2691	11491	27	14	41	
February ..	1271	853	3353	2524	1682	98	56	20	42	18	15	81	8	6	5	219	2003	425	588	111	605	4	4206	7418	5884	404	13706	693	285	978	36	18	54	
March ..	1374	974	3510	2496	1988	118	64	15	48	14	15	85	8	14	6	238	2162	450	635	80	648	2	4484	7946	6591	386	14923	730	291	1021	47	18	65	
April ..	1364	909	3198	2371	1736	109	63	15	49	14	15	76	11	6	2	257	1967	418	633	80	498	3	4107	7726	5794	339	13859	687	273	960	38	18	56	
May ..	1432	946	3315	2445	1816	85	97	15	34	14	10	83	9	10	5	251	1899	421	743	100	552	18	4261	8326	6861	384	15571	759	302	1061	49	26	75	
June ..	1397	943	3465	2480	1928	116	68	11	32	20	8	79	8	15	4	270	2038	406	580	99	754	16	4408	8131	6855	353	15339	712	314	1026	32	16	48	
July ..	1473	884	3433	2412	1905	113	77	17	27	11	10	72	12	12	10	243	2049	364	619	112	669	13	4317	7992	7185	368	15545	656	334	990	28	36	64	
August ..	1244	870	2161	2007	1024	113	94	18	25	1	10	67	3	16	2	251	1452	366	614	91	18	3	3031	7102	5109	384	12595	616	230	846	32	18	50	
September ..	1427	907	3227	2461	1673	139	99	24	40	7	7	71	12	12	6	240	1805	364	656	108	679	4	4134	8094	7274	451	15819	722	323	1045	44	20	64	
October ..	1356	938	3521	2589	1870	128	89	13	32	19	10	76	12	11	8	227	2207	440	615	73	617	10	4459	8280	6506	283	15069	733	282	1015	62	16	78	
November ..	1340	937	3384	2545	1776	115	80	18	42	18	2	57	10	7	6	268	1896	500	624	104	683	6	4321	8775	6574	399	15748	779	312	1091	52	11	63	
December ..	1369	1010	3287	2712	1585	114	76	22	34	17	10	53	13	6	8	144	2224	439	656	105	480	10	4297	8807	6031	436	15274	846	279	1125	61	27	88	
Total ..	16497	11317	39450	30017	20750	1372	924	211	465	171	135	872	117	128	65	2843	23961	5123	7602	1176	6883	91	50767	97922	76504	4644	179070	8813	34941	123071	508	238	746	

## CONVEYANCE OF MIDWIVES, 1958.

Month	Journeys	Calls	Miles
January	283	582	2,473
February	256	434	2,037
March	285	574	2,518
April	272	505	2,225
May	315	624	2,726
June	275	576	2,351
July	290	602	2,507
August	305	545	2,422
September	292	536	2,223
October	331	574	2,431
November	276	533	2,232
December	338	557	2,492
<b>Total</b>	<b>3,518</b>	<b>6,642</b>	<b>28,637</b>

## DOMESTIC HELP SERVICE.

This service is still very much appreciated by the public, and many letters of appreciation were received during the year with regard to the kindness and efficiency of various members of the staff. Domestic Help was supplied to maternity cases, general sickness cases and to the chronic sick, aged and infirm.

While generally speaking, it might be said that the Domestic Help Service is adequate in numbers, it may well be that the very large responsibilities which seem likely to be thrust on the Health Committee when the Mental Health Bill becomes law, may necessitate the recruitment of quite a number of home helps, some of whom might have to receive special training in view of the nature of the illness of the persons on whom they were attending.

Broadly speaking, we have come to the conclusion that a large body of part-time home helps is preferable to a small body of full-time home helps. Home helps are mostly between 45 and 60, and if they are to work a 44 hour week in the Home Help Service with time for getting to and from work as well, very little time is left for them to devote to the work of their own houses, to their shopping and to ministering to their own families. We do not feel that home helps should work all the time for others at the expense of the standard of comfort and amenity of their own home and family life.

We have been concerned from time to time at the amount of sickness among the home helps and it is very important that any home help who is not able to turn up to work should communicate at once with the Department in order that someone else may be sent in her place. But in times of epidemics such as influenza, it is not unreasonable to find that the home helps tend to get afflicted with the prevalent disease as well as a number of the people requiring their services, that is to say that when the service is wanted most it is occasionally depleted by illness.

The Domestic Help Service continues to increase gradually each year and there was a notable increase this year in the number of maternity bookings and cases attended.

Enquiries for Domestic Help numbered 577, as compared with 543 in 1957. The majority of enquiries are from patients and relatives. The table below shows the various sources from which enquiries were received :—

	1958	1957	1956	1955
Patients and relatives ..	50%	44%	46%	46%
Doctors .. .. .	9%	10%	15%	7%
National Assistance Board	14%	10%	17%	19%
District Nursing Assoc.	3%	2%	1%	1½%
Health Department ..	18%	22%	21%	20%
Hospitals .. .. .	5%	7%	2%	1½%
Others .. .. .	1%	5%	3%	5%

133 patients booked a Domestic Help for confinements, compared with 92 in 1957. 103 cases actually had the services of a Domestic Help, as compared with 81 in 1957.

Of the 30 cases cancelled, 15 notified the following reasons :—

6 cases made other arrangements  
9 cases were admitted to hospital  
15 cases gave no reason.

Of the 103 cases covered :—

5 had full-time help for 3 weeks.  
71 „ „ „ „ 2 weeks.  
18 „ „ „ „ 1 week.  
5 „ half-time „ „ 2 weeks.  
4 „ „ „ „ 1 week.

The following Table shows the cases attended during 1958 :—

	T.B. Cases	General Cases	Mater- nity Cases	Aged & Chronic Sick	Total	Total 1957	Total 1956	Total 1955
On books 1.1.58 ..	9	27	1	286	323	331	365	273
Cases commenced ..	7	81	102	233	423	374	297	360
Cases completed ..	7	83	103	225	418	382	371	328
On books 31.12.58 ..	9	25	—	294	328	323	331	305

The number of Domestic Helps employed varied from 60 at the beginning of the year to 68 at the end of the year. Of the 68 employed, 9 were full-time, 14 available full-time and 45 part-time.

1,588 visits were made by the Organiser during the year.

#### DEATHS IN REGISTERED NURSING HOMES IN MIDDLESBROUGH DURING 1958.

0 - 65		65 - 75		75 - 85		85 & over	
M.	F.	M.	F.	M.	F.	M.	F.
—	4	2	10	—	15	—	11

Males .. .. .	2
Females .. .. .	40
Total .. .. .	42

#### NURSING HOMES.

	No. of Homes	No. of beds provided for		Total
		Maternity	Others	
Homes first registered during the year .. .. .	—	—	—	—
Homes on the Register at the end of the year .. .. .	4	8	49	57

### PREVENTION OF THE BREAK-UP OF FAMILIES.

I cannot do better than refer to my comments on this subject in the Annual Report for 1957. In no way has the situation altered.

But the problem is being presented to us even more forcibly because of the transfers of accommodation necessitated by slum clearance.

The need of "half-way" houses, into which some of these families can be put, before finally transferring them to the new Estates, is becoming very evident.

### PUBLIC MORTUARY.

One body was removed during the year to the mortuary which is in the Borough Engineer's yard, Commercial Street.

### HEALTH EDUCATION.

This subject has been pursued steadily throughout the year.

Once more it has not been found possible to find the time to organise a "Health in the Home" Exhibition as we had hoped, but health education both in the form of lectures, addressed to interested Bodies, and by individual counselling and advising in the homes has continued vigorously. We note the increased activity of the Public Relations Section of the Ministry of Health in this matter. They have frequently stimulated us and at times assisted us. But health propaganda to be successful must usually take a number of local factors into account and I would suggest that local schemes have more real chance of success than those inspired from the distant capital City.

In Health Education, as in many other matters, there is a tide in the affairs of man, and propaganda, to be successful, must be carefully timed.

We fear that there is a danger of the public becoming completely bewildered and confused by propaganda about preventive inoculations and vaccinations.

At the moment, Polio holds the field, with a corner reserved for B.C.G. But it is also the duty of the Local Health Authority to advise and counsel the vaccination of young children against smallpox, their immunisation against diphtheria and whooping cough and the inoculation of certain groups against influenza. One must strive to prevent the first year of a child's life being regarded by a young mother as a series of attendances for jabs and the reasons for the various types of inoculation must be carefully explained to the Public.

Vaccination against smallpox has shown a slight recovery, but is still—in this County Borough which is part of a Port—dangerously low. The Public hear nothing of smallpox these days and believe it to be a disease occurring in tropical lands and possibly one of the concerns of the United Nations. They don't know the W.H.O.

Diphtheria is nearly as extinct as the dodo and a generation of doctors has grown up, many of whom have never seen a frank case of it and they almost certainly—except for some during their National Service—have never seen a case of smallpox. Nevertheless the danger of smallpox is ever with us, especially in these days of air travel from the tropics and diphtheria could indeed be the scourge and the killer of children that it was not so long ago. To any clement person who has seen a young child in the agonies of whooping cough, the wisdom of preventing this disease must be ever present.

In this town, where the memories of tuberculosis still linger, propaganda in favour of B.C.G. is aided by public opinion.

Polio is a new thing and the propaganda in favour of polio vaccination is at all times rendered difficult by the fact that in spite of what has been said about polio in recent years it is, in proportion to the large population of these islands, an extremely rare disease.

Health Departments must be clear in their minds what are the priorities as between these inoculations and vaccinations and will carefully in their health education try clearly to convey to the parents and guardians of children and others the necessity for them.

### THE SOCIAL WORKER.

The work of the Social Worker has continued steadily throughout the year although most of the cases have been referred from inside the Health Department.

The main emphasis of the work continues to centre around the elderly.

Accommodation problems of young persons with children are still very pressing.

One hundred and nine new cases have been referred during the year as follows :—

Medical Officer of Health	..	..	17
General Practitioners	..	..	9
Superintendent Health Visitor	..	..	24
Duly Authorised Officers	..	..	5
Domestic Help Organiser	..	..	10
Supervisor of Midwives	..	..	6
Moral Welfare Association	..	..	2
Probation Officer	..	..	3
Blind Visitors	..	..	1
Social Worker	..	..	23
Miscellaneous	..	..	9

Categories into which these cases have fallen, and the nature of help required can be divided as follows :—

Geriatric care and attention .. ..	47
Maternity and Child Welfare .. ..	7
Matrimonial .. ..	4
Social Investigation .. ..	6
General Help .. ..	18
Accommodation .. ..	21
Convalescence .. ..	1
Financial .. ..	4
Employment .. ..	1
Number of visits (home, hospital, etc.)	624
Number of office interviews .. ..	235

### NATIONAL ASSISTANCE ACT, 1948.

#### Care of Old People.

The remarks on the working of this service in the report for 1954 and the using of Section 47 of the Act are still valid.

Proceedings under Section 47 of the National Assistance Act were taken in two cases during the year. In each case—as the matter was one of urgency—the amended short form of procedure under the National Assistance (Amendment) Act of 1951 was used.

#### Care of the Blind and Partially Sighted.

The registration and visitation of blind and partially sighted persons is carried out by the Cleveland and South Durham Institute for the Blind, acting as the voluntary agency for the Local Authority, and the three home visitor/teachers are seconded full-time to the agency.

Liaison between the M.O.H. and the home visitor/teachers was retained by the continuance of a weekly conference held at the Health Department every Tuesday morning when a full discussion of blind and partially sighted cases took place.

All cases referred for examination with a view to registration were visited by the home visitor/teachers and their reports submitted to the Medical Officer of Health before ophthalmologist examination is arranged. On receipt of the completed Form B.D.8., information is forwarded to the family practitioner who is advised to consult the ophthalmologist regarding any treatment recommended.

### **Blind Cases.**

Twenty-three new cases were registered during 1958, giving a total of blind persons of 303 compared with 300 in 1956 and 313 in 1957.

Of the new cases registered 6 were due to cataract, 3 to glaucoma and 14 to other causes. Treatment was recommended in 11 cases and on follow-up it was found that 5 had had the recommended treatment.

### **Partially Sighted Cases.**

Twenty-three new cases were registered during the year and the total number on the register at the end of 1958 was 93 compared with 85 in the previous year. Seven cases were due to cataract, 1 case to glaucoma, and 15 to other causes.

In the 15 cases where treatment was recommended, on follow-up it was found that ten patients had had treatment.

### Follow-up of Registered Blind Persons.

Number of Cases registered during 1958 — 23.

Total number on Register at 31st December, 1958 — 303.

	Cause of Disability			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
I. Number of cases registered during the year in respect of which Section F of Form B.D.8 recommends :	1 aged 86 yrs.			1 aged 10 yrs. 1 " 52 " 1 " 86 " 1 " 93 " 1 " 64 " 1 " 89 " 1 " 94 " 1 " 74 " 1 " 86 " 1 " 2 " " " 1 "
(a) No treatment				
(b) Treatment (medical, surgical, optical or hospital supervision)	1 aged 66 yrs. (hosp. supv.) 1 aged 75 yrs. (surgical) 1 aged 78 yrs. (surgical & hosp. supv.) 1 aged 61 yrs. (medical) 1 aged 70 yrs. (surgical)	1 aged 84 yrs. (medical) 1 aged 82 yrs. (medical & hosp. supv.) 1 aged 70 yrs. (hosp. supv.)		1 aged 34 yrs. (hosp. supv.) 1 aged 83 yrs. (surgical & hosp. supv.) 1 aged 70 yrs. (surgical)
II. Number of cases at I(b) above which on follow-up action have received treatment	1 aged 78 yrs. (surgical & hosp. supv.)	1 aged 84 yrs. (medical) 1 aged 70 yrs. (hosp. supv.)		1 aged 34 yrs. (hosp. supv.) 1 aged 83 yrs. (surgical & hosp. supv.)

### Follow-up of Registered Partially Sighted Persons.

Number of cases registered during 1958 — 23.

Total number on Register at 31st December, 1958 — 93.

	Cause of Disability			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
I. Number of cases registered during the year in respect of which Section F of Form B.D. 8. recommends :	1 aged 66 yrs. 1 „ 83 „ 1 „ 84 „ 1 „ 82 „			1 aged 58 yrs. 1 „ 60 „ 1 „ 76 „ „ „ 82 „
(a) No treatment				
(b) Treatment (medical, surgical, optical or hospital supervision)	1 aged 74 yrs. (surgical) 1 aged 49 yrs. (surgical) 1 aged 1 yr. (surgical)	1 aged 63 yrs. (hosp. supv.)		1 aged 55 yrs. (surgical) 1 aged 67 yrs. (medical) 1 aged 6 yrs. (hosp. supv.) 1 aged 72 yrs. (hosp. supv.) 1 aged 45 yrs. (medical & hosp. supv.) 1 aged 36 yrs. (medical) 1 aged 36 yrs. (surgical) 1 aged 54 yrs. (medical) 1 aged 85 yrs. (surgical) 1 aged 70 yrs. (hosp. supv.) 1 aged 38 yrs. (hosp. supv.)
II. Number of cases at I(b) above which on follow-up action have received treatment.	1 aged 74 yrs. (surgical) 1 aged 1 yr. (surgical)	1 aged 63 yrs. (hosp. supv.)		1 aged 72 yrs. (hosp. supv.) 1 aged 45 yrs. (medical & hosp. supv.) 1 aged 54 yrs. (medical) 1 aged 38 yrs. (hosp. supv.) 1 aged 36 yrs. (medical) 1 aged 36 yrs. (surgical) 1 aged 67 yrs. (medical)

## OCCUPATIONAL THERAPY.

Home handicrafts provide a useful means of passing otherwise idle hours for handicapped persons temporarily, or permanently unfit for employment. During 1958 a total of 150 patients have been visited and instructed by the Handicrafts Instructress. This figure includes 23 patients in the General Hospital where Miss Tamsett makes one visit per week and 48 at the North Ormesby Cripples Club. At the end of December, 105 patients were under instruction.

In 8 cases, after financial investigation grants to enable patients to purchase materials were made.

## SECTION E

### SANITARY CIRCUMSTANCES OF THE AREA

#### HOUSING—SLUM CLEARANCE.

The year 1958 has been a very great year in the movement forward of the Middlesbrough Slum Clearance Scheme.

During that year, 372 houses have been the subject of either an official representation under Section 16 of the Housing Act, 1957 as single, individual, unfit houses, or under Section 42 of the Housing Act, 1957, as suitable for inclusion in clearance areas, or in the case of certain houses in the ownership of the Corporation, a certificate from the Medical Officer of Health that they were unfit for human habitation and incapable of being rendered so at reasonable cost.

With the exception of the individual house, No. 19 Whin Street, represented on the 14th June, where action has been deferred, and of five other houses represented at the very close of the year and on which the Council had not by then resolved their policy, all these houses have either been included in clearance areas or been made the subject of a demolition order, and in four cases where demolition was at the moment inexpedient, closing orders have been made instead.

The clearance of the Hutchinson Street area and of the Fox-heads areas, for long two blots on the Middlesbrough landscape, has been substantially effected, and very great progress has been made in the reconstruction of St. Hilda's Ward on the lines of a central residential area, flanked on either side by areas of light industry, separating it on the west from the heavy industry area lying beyond.

Considerable progress has been made in terminating residence in the narrow mews behind Albert Road and Linthorpe Road. There is every reason to think that slum clearance will continue with the same vigour during 1959, and that in the quite foreseeable and near future, great strides will have been taken to rid the town of anything that could be called a slum.

A considerable amount of time has been expended in the Health Department as in the Town Clerk's Department and in the Borough Engineer's Department on this fundamental and most worthy work and few branches of our work are so rewarding or so satisfactory to those taking part in it.

## HOUSING AREAS.

Name of Area	No. of Houses	Date of Representation	Council	Enquiry	Inspection	Approval
Lower Gosford Street, C.O.	14	5.11.57			Late Feb., 1958	26.2.58
Foxheads No. 1 C.P.O.	43	5.11.57				17.4.58
Foxheads No. 2 C.P.O.	38	5.11.57	14.1.58		22.4.58	17.10.58
Short Street, N.O. and } Toll Bar Cottages	19	24.9.57			26.11.57	3.1.58
Linthorpe Mews C.P.O.	14	24.9.57			26.11.57	3.1.58
		26.11.57	10.12.57	22.4.58	22.4.58	Confirmed with modification
West Street, C.P.O.	20	26.11.57		22.4.58	22.4.58	
Thompson Street C.A.	12	5.11.57			14.1.58	13.2.58
Dundas Mews C.O.	4	5.11.57			14.1.58	13.2.58
Albert Mews 1	28	28.1.58	11.2.58	3.6.58	3.6.58	17.9.58
Albert Mews 2	4	28.1.58	11.2.58	3.6.58	3.6.58	17.9.58
Dundas Mews 2	7	28.1.58	11.2.58			25.6.58
Windsor Cottages	6	25.3.58	15.4.58		Bought by Council	
Foxheads No. 3 C.P.O.	44	5.11.57	11.3.58	2.7.58	2.7.58	
Hutchinson Street No. 1 C.A.	26	25.3.58	15.4.58	13.8.58	13.8.58	7.11.58
Richmond St. and Henry St.	10	8.7.58	29.7.58			
Marsh Road No. 2 C.P.O.	59	10.6.58	24.6.58		12.8.58	3.11.58
Raby Street/Thorpe Street	26	8.7.58	29.7.58	19.11.58	19.11.58	
Foxheads No. 4 C.P.O.	16	1.9.58	9.9.58	21.1.59	21.1.59	
Stockton Street No. 2 C.A.	25	23.9.58	14.10.58		17.12.58	
Stockton Street No. 3 C.A.	7	23.9.58	14.10.58	22.1.59	22.1.59	1959
Richmond Street No. 3	7	23.9.58	11.11.58		25.3.59	
Richmond Street No. 4	3	28.10.58	11.11.58		25.3.59	
Richard Street	16	28.10.58	11.11.58		25.3.59	
Suffield Street No. 4	35	1.9.58		22.1.59	22.1.59	
Lower East Street No. 1	19	25.11.58	9.12.58		24.2.59	

Approved  
as C.O.,  
14.10.58

**Demolition or Closing Orders were made by Council  
on the following individual houses.**

- 14.1.58.     30/32 Durham Street,    C.O.  
              81/83 Stockton Street,    Corporation owned.
- 11.2.58.     16 Crown Mews,    C.O.  
              18 Crown Mews,    C.O.  
              4 Florence Street,    C.O.  
              4 Northumberland Street,    C.O.
- 11.3.58.     14 Crown Mews,    C.O.  
              23/25 Crown Street,    C.O.
- 15.4.58.     45/47 Dundas Mews,    C.O.
- 29.7.58.     19 Whin Street—deferred.  
              75 Denmark Street,    C.O.
- 14.10.58.    22 Marsh Road,    C.O.  
              25 Dacre Street,    D.O.  
              31 Bridge Street,    D.O.  
              34 St. Paul's Road,    C.O.
- 9.12.58     1 Henry Street,    D.O.  
              3 Henry Street,    D.O.

### WATER SUPPLY.

We are indebted to Mr. G. M. Thompson, Engineer to the Tees Valley and Cleveland Water Board, for the following report.

The water supply to the area has been satisfactory in quality and quantity. Bacteriological samples of the raw waters are examined weekly and the water supply is examined as it leaves the works and at various points in the distribution system. Over 80 samples per month of the treated water were taken for bacteriological examination and the results showed the supply to be of satisfactory purity throughout the year. Summaries of bacteriological and chemical analyses are enclosed for the treated water from the two supplies to Middlesbrough part of which is supplied by River Tees derived water and the remainder by a blend of the Lartington Gravitation supply with the River Tees derived supply, the blended water consisting of two-thirds Lartington Gravitation Supply.

The treatment of the Lartington Gravitation Supply consists of slow sand filtration followed by treatment with ammonia and chlorine. The River Tees Supply is purified and decolourised by coagulation methods followed by rapid gravity filtration. Final sterilisation with chlorine completes the treatment. Water which has stood in open service reservoirs is re-chlorinated before passing into supply.

The water has no plumb-solvent action.

The number of supplies to houses and lock-up shops for the year ending 31st December, 1958 was 47,438.

# LARTINGTON GRAVITATION SUPPLY.

Summary of analysis results 1st January—31st December, 1958.

Chemical results are expressed as parts per million except where otherwise stated.

	Average	Maximum	Minimum
pH value .. .. .	7.0	7.6	6.7
Colour (Hazen Units) .. ..	83	200	35
Dissolved solids dried at 180°C. ..	90	105	80
Free Carbon Dioxide .. ..	5	15	Nil
Chloride .. .. .	6	8	3
Alkalinity as CaCO <sub>3</sub> .. ..	35	45	25
Total Hardness as CaCO <sub>3</sub> .. ..	45	60	40
Carbonate Hardness as CaCO <sub>3</sub> ..	35	45	25
Non-carbonate Hardness as CaCO <sub>3</sub>	10	15	10
Calcium Hardness as CaCO <sub>3</sub> ..	40	45	30
Magnesium Hardness as CaCO <sub>3</sub> ..	10	15	5
Nitrogen in Nitrates .. ..	0.1	0.4	Nil
Nitrogen in Nitrites .. ..	< 0.1	< 0.1	Nil
Ammoniacal Nitrogen .. ..	0.082	0.200	Nil
Albuminoid Nitrogen .. ..	0.099	0.165	0.043
Oxygen absorbed from permanganate in 3 hours at 37°C. .. ..	8.2	14.3	4.0
Iron as Fe .. .. .	0.19	0.60	< 0.02
Turbidity .. .. .	4.5	15	Nil
Conductivity .. .. .	103	115	90
Phosphate as P <sub>2</sub> O <sub>5</sub> .. ..	< 0.02	0.04	0.02
Silicate as SiO <sub>2</sub> .. .. .	4	6	< 1.0

< = less than.

## Bacteriological Results.

Colony count per ml. on yeast extract agar after 1 day at 37°C. .. ..	17	50	7
Colony count per ml. on yeast extract agar after 2 days at 37°C. .. ..	20	64	6
Colony count per ml. on yeast extract agar after 3 days at 20°C. .. ..	15	80	3
Percentage of samples giving no Presumptive Coliform reaction per 100 ml. .. .. .			96.7%
Percentage of samples showing no reaction for B.Coli (Type 1) per 100 ml. .. .. .			97.1%

# RIVER TEES DERIVED SUPPLY FROM BROKEN SCAR WORKS, DARLINGTON.

Summary of analysis results 1st January—31st December, 1958.

Chemical results are expressed as parts per million except where otherwise stated.

	Average	Maximum	Minimum
pH value .. .. .	7.3	8.6	6.9
Colour (Hazen Units) .. ..	5	23	Nil
Dissolved solids dried at 180°C. ..	180	230	125
Free Carbon Dioxide .. ..	5	10	0.5
Chloride .. .. .	10	16	6
Alkalinity as CaCO <sub>3</sub> .. ..	80	115	30
Total Hardness as CaCO <sub>3</sub> .. ..	130	180	75
Carbonate Hardness as CaCO <sub>3</sub> ..	80	115	30
Non-carbonate Hardness as CaCO <sub>3</sub>	50	75	30
Calcium Hardness as CaCO <sub>3</sub> ..	100	135	60
Magnesium Hardness as CaCO <sub>3</sub> ..	25	40	15
Nitrogen in Nitrates .. ..	0.8	2.0	Nil
Nitrogen in Nitrites .. ..	< .001	< .01	Nil
Ammoniacal Nitrogen .. ..	0.002	0.29	Nil
Albuminoid Nitrogen .. ..	0.070	0.540	0.013
Oxygen absorbed from permanganate in 3 hours at 37°C. .. ..	1.5	2.8	0.5
Iron as Fe .. .. .	0.06	0.26	Nil
Turbidity .. .. .	5	21	Nil
Conductivity .. .. .	268	340	190
Phosphate as P <sub>2</sub> O <sub>5</sub> .. ..	< 0.02	0.04	< 0.02
Silicate as SiO <sub>2</sub> .. .. .	3.5	7	< 1.0

< = less than

## Bacteriological Results.

Colony count per ml. on yeast extract agar after 1 day at 37°C. .. ..	8	26	Nil
Colony count per ml. on yeast extract agar after 2 days at 37°C. .. ..	10	30	Nil
Colony count per ml. on yeast extract agar after 3 days at 20°C. .. ..	11	80	Nil
Percentage of samples giving a Presumptive Coliform reaction per 100 ml. .. .. .			100%
Percentage of samples showing no reaction for B. Coli (Type 1) in 100 ml. .. .. .			100%

## PUBLIC BATHS.

We are obliged to Mr. Sidney Fisher, the Baths Superintendent, for the following information :—

The returns for the Central Baths, Branch Slipper Baths, and the Schools for the year 1958 from January to December inclusive and the returns for the corresponding period of 1957 are as follows :—

1957		1958	
No. 1 Pool ..	115,260	No. 1 Pool ..	148,542
No. 2 Pool ..	32,977	No. 2 Pool ..	41,012
Gents' Slipper Baths	65,581	Gents' Slipper Baths	64,019
Ladies' Slipper Baths	14,878	Ladies' Slipper Baths	14,413
Old Age Pensioners	—	Old Age Pensioners	588
Forces .. ..	1,044	Forces .. ..	1,387
Turkish Baths ..	7,343	Turkish Baths ..	8,495
Russian Baths ..	1,781	Russian Baths ..	2,095
Radiant Heat Baths	898	Radiant Heat Baths	824
Seaweed Baths ..	27	Seaweed Baths ..	18
Brine Baths ..	2,059	Brine Baths ..	2,142
Zoto-Foam Baths	33	Zoto-Foam Baths	95
Schoolchildren ..	85,394	Schoolchildren ..	100,192
North Riding Schools	1,529	North Riding Schools	1,609
Cannon Street Baths	19,772	Cannon Street Baths	22,892
Dacre Street Baths	21,885	Dacre Street Baths	21,217
Contract Tickets ..	750	Contract Tickets	660
(75 Books)		(66 Books)	
Grand Total	371,211	Grand Total	430,200

58,989 Bathers. Increase on the 1957 figures.

The school attendances for the past four years are as follows :—

1955	71,924
1956	75,454
1957	85,394
1958	100,192

This is a record for the baths and has proved that the children in the town have taken a great interest in the art of swimming and life-saving. I have much pleasure in recording my thanks to Mr. Stanley Hirst and his staff for the splendid work which has been put in to help achieve this object.

### **Proficiency Awards Gained in 1958.**

1,968

This is a very good return for the year.

A record number of awards for life saving has been gained throughout the year, 450 in all, and many schools have concentrated on the new method of artificial respiration (Holger Nielsen) and I have advocated that it should be taught in every home in the town, because it comes into operation in connection with accidents in the home such as, suffocation, electrocution, gas, narcotic drugs, etc.

Six life saving competitions have been held in the baths for the perpetual trophies, and many more teams have entered the competitions, the results being of a very narrow margin.

Members of the Police Force are keener than ever both in swimming and life saving and they have won several trophies in the town. I have much pleasure in recording my thanks to Mr. R. Davison for the facilities granted to the members of the Force which have enabled them to get to the top, also for the personal interest taken in life saving. I would like to record my thanks to Inspector L. Sample, Hon. Secretary of the North and East Yorks Branch, and Sergeant Mitchell for the unseen work done by them which has helped the Branch to become a success, also to the police officers of the Life saving Committee.

The Middlesbrough Baths possess a most up-to-date filtration plant which copes with the many thousands of bathers in a year and keeps the water in tip top condition. Despite the very heavy load on the swimming baths, especially during the school holidays it is pleasing to note that the water in both pools has been maintained in a very satisfactory condition of bacteriological and chemical purity. Frequent tests are taken by the Chief Public Health Inspector and the results recorded have indicated that the swimming bath water complies with the standard recommended by the Ministry of Health. The plant consists of five filters 8 ft. in diameter and 10 ft. in height, they are of the pressure type and each filter contains 10 tons of graded quartz sand. The water is carried to the filter beds by two electric centrifugal pumps and after leaving the filters passes through two steam calorifiers to be heated to the desired temperature, and continues on its journey through an aerator which keeps it in sparkling condition. On the last stage of its journey, the water passes through a modern chlorinator where it is treated with liquid chlorine, sufficiently to keep it bacteriologically and chemically pure and even fit for drinking.

The boiler plant in the baths is the most up-to-date one in the country. Two Lancashire boilers 24 ft. x 7 ft. 6 in. are installed inside the building and these are worked alternately, three months for each boiler. A new system of underfeed stoking has been installed which not only saves fuel but eliminates all smoke. There is also a 96 tube economiser attached to the boilers which superheats the boiler feed water, this is also fuel saving.

A modern laundry is also installed in the baths, and many thousands of towels are washed in a week, every towel going through a sterilising process, along with slight bleaching, the result being a pure white towel which is very much appreciated by the public. There are two washing machines, one a rotary washer, and the other an end loading machine, two hydro-extractors, one large callender ironing machine, and one large drying cupboard. All machines are electrically driven and independent of each other, each having a separate motor, this is the means of saving a great deal of power.

There are 37 slipper baths in the building for men and women, these are used to their full capacity every day. Of the above number there are only five slipper baths for women and a scheme is now going forward from the Baths Committee to install more baths on the present site.

Special baths are installed in the building :—

Turkish Baths, Russian Baths, Brine Baths, Radiant Heat Baths, Zoto-Foam and Seaweed Baths.

These are very well patronised and are recommended for obesity and the relief of rheumatism and are a good tonic for the system.

At the Branch Slipper Baths (Cannon Street), 8 new baths have been installed and there are 20 baths now in use, this is a very big help in catering for the people in that area where slipper baths are not in their homes. They are very well patronised.

The Branch Slipper Baths (Dacre Street) are very up-to-date, there are 17 baths installed in the building and although there are new flats in that area, the baths are well patronised.

Another season will soon be upon us when the usual crowds invade the baths, session after session, however there is something to look forward to, the Sanitary and Baths Committee have achieved their object for which they have tried for many years, and that is a new bath will be on the building programme in 1961. It has been well worth waiting for, and a public like Middlesbrough well deserve it.

### SEWERS AND DRAINS.

We are indebted to the Borough Engineer and Surveyor for the following information :—

The lengths of drains and sewers laid during the year were :—

		Sewers lin. yds.	Drains lin. yds.	Total lin. yds.
By Local Authority	.. ..	5,220	11,690	16,910
By Private Enterprise	.. ..	1,415	3,870	5,285

### PUBLIC CLEANSING.

The Cleansing Superintendent, Mr. W. A. Turner, has kindly supplied the following information.

The Cleansing Department has up to the present been under the control of the Cleansing Committee which is identical in Chairman and Membership with the Sanitary Committee. This provides a highly desirable link between the work of the two committees.

During the year under review 39,586 tons of house and trade refuse were collected and disposed, as compared with 38,520 tons in 1957.

Disposal was as follows :—

	Tons	%
Separation and Incineration	25,820	65.22
Controlled Tipping ..	13,101	33.09
Waste Food Concentrator	600	1.52
Organic Plant .. ..	65	.17
	<hr/> 39,586	<hr/> 100.00

The two controlled tipping sites at Guisborough and Eaglescliffe were operated successfully during the year.

3,556 tons of salvage were recovered during the year and sold for the sum of £18,279—the figures for 1957 were 3,945 and £20,326.

Following the policy of modernising the fleet, a further three S. and D. Fore and Aft Tippers and one S. and D. Bulk Loader were purchased. Other purchases included two Karrier Bantams with watertight rear doors for collection of slaughterhouse offal and street sweepings.

The Cleansing Committee approved a scheme whereby refuse from schools, hospitals, flats and other suitable premises will be collected by Bulk Storage Containers.

The Committee decided to discontinue the processing of fish offal.

### FOOD HYGIENE.

Reference to this subject will be found on Page 110 in the portion of the Report based on submissions from the Chief Public Health Inspector.

It will be clear that the various laws and regulations have been vigorously enforced throughout the area and the list of prosecutions speaks for itself.

In our judgment it will be many years to come before a high standard of food hygiene can be assured, without constant inspection by an adequate staff of Public Health Inspectors.

I am indebted to Mr. H. Whitfield, Chief Public Health Inspector for the following sections :—

### **THE SANITARY AND BATHS COMMITTEE.**

**Appointed May, 1958.**

Chairman : Alderman J. G. Boothby

His Worship the Mayor (Alderman E. A. Dickinson, J.P.)

Alderman W. Flynn	Councillor C. L. Elder, M.B.
Alderman M. C. Newton	Councillor W. Grosvenor
Alderman N. Peters	Councillor J. P. Newhouse
Alderman L. Taylor	Councillor R. I. Smith
Councillor J. N. Bennington	Councillor W. J. Story
Councillor J. A. Brown, J.P.	Councillor G. R. Thompson
Councillor N. Coverdale	Councillor H. Whitfield
Councillor A. T. Crosby	Councillor J. Wilson

### **STAFF.**

**Chief Public Health Inspector :—**

Henry Whitfield, MEM. R.S.H., MEM. P.H.I.A.

**Deputy Chief Public Health Inspector :—**

Thomas E. Peterson, MEM. R.S.H., MEM. P.H.I.A.

**Public Health Inspectors :—**

- D. Anderson
- \*\* A. Chisholm
- \* D. B. Coull
- \*\* G. Elliott
- \*\* R. C. Green. (To 30.1.58)
- W. D. Grey (To 30.4.58)
- \*\* L. A. Harrison
- \*\* L. Himsworth (To 2.1.58)
- \*\* F. Holloway (To 14.10.58)
- \*\* G. Stewart
- D. H. Thompson (From 1.12.58)

**Pupil Public Health Inspectors :—**

- E. W. Kelley
- M. D. Nayman

**Technical Assistants :—**

- H. Butterfield
- G. H. Camm

**Shops Inspector :—**

- R. G. Thompson

**Rodent Officer :—**

- G. W. Tyreman

**Public Slaughterhouse Supervisor :—**

- R. B. Crooks

**Chief Clerk :—**

- P. E. Taggart

**Clerks :—**

- P. Thomas

**Shorthand Typists :—**

- K. M. Milner
- E. G. Proudfoot
- P. R. Basham

\*\* Meat Certificate of R.S.H.

\* Meat Certificate (Scotland)

## STAFF

### Inspectorate :—

At the beginning of the year, excluding my Deputy there were 10 Inspectors. During the year, 4 Inspectors (of whom 2 were trained in the Department) obtained posts with other Authorities. No applications were received to fill the vacancies advertised. In consequence, the Department were 50% below the establishment of 14 Inspectors.

In December one Pupil Inspector passed the appropriate examination, and immediately on appointment as an Inspector was instructed to report for medical examination prior to call-up for military service, as was another Pupil who had completed his four years' training. The constant change and shortage of personnel has undoubtedly affected the smooth running of the Department.

Use has however, been made of the two Technical Assistants who were appointed primarily for duties under the Clean Air Act, in view of the Council's proposals to formulate a Smoke Control Area. These Officers, who have been of considerable assistance on district inspection work and slum clearance housing inspections, had previous experience in Local Government.

Although Pupil Inspectors' vacancies were advertised in the local press, no applications were received from Middlesbrough residents having the required educational standard. One Pupil resident outside the Borough will take up duty in January, 1959.

### SANITARY INSPECTION OF AREA.

Description of work carried out during the last five years :—

	1954	1955	1956	1957	1958
Number of :—					
Inspections made ..	11,816	11,103	8,855	9,253	9,335
Re-inspections made ..	17,980	18,882	14,145	11,125	8,963
Food Inspections ..	4,081	5,868	6,307	5,716	6,451
Interviews ..	1,431	2,108	1,927	1,700	1,685
Smoke Tests applied to —					
New Drains .. ..	29	4	—	—	—
Old Drains .. ..	10	37	27	21	15
Drains cleared with Cooper's Vacuum Pump .. ..	1,640	1,726	1,688	1,450	1,405
(Free of cost to owners)					

**Note.**—The responsibility for testing new drains was taken over by the Borough Engineer's Department during 1954.

#### Drainage.

				1958 Notices Served.	1958 Nuisances Abated.
Choked or defective .. ..	..	..	..	341	341
Yard Gullies .. ..	..	..	..	12	6
Yard Gully-covers .. ..	..	..	..	5	1
Yard Gully-Gratings .. ..	..	..	..	2	—
Sink Waste Pipes .. ..	..	..	..	129	97

#### Waterclosets.

Choked or defective .. ..	..	..	..	118	112
Joint between basin and drain ..	..	..	..	11	8
Joint between flushpipe and basin ..	..	..	..	21	13
Basins .. ..	..	..	..	168	128
Cisterns .. ..	..	..	..	405	332
Seats .. ..	..	..	..	108	80
Flushpipes .. ..	..	..	..	—	—
Burst water service pipes .. ..	..	..	..	510	408
Roofs .. ..	..	..	..	140	100
Walls .. ..	..	..	..	88	62
Wallplaster .. ..	..	..	..	151	109
Floors .. ..	..	..	..	12	7
Doors .. ..	..	..	..	137	81
Doorframes .. ..	..	..	..	54	39

#### Coalhouses.

Roofs .. ..	..	..	..	63	43
Walls .. ..	..	..	..	54	31
Floors .. ..	..	..	..	3	2
Doors .. ..	..	..	..	130	93
Doorframes .. ..	..	..	..	67	52

**Houses.**

Chimneys .. .. .	58	44
Roofs .. .. .	481	327
Spoutings and Fallpipes .. .. .	652	433
Walls .. .. .	323	187
Wallplaster .. .. .	217	150
Ceilings .. .. .	83	50
Floors .. .. .	120	89
Skirting boards .. .. .	13	6
Sashcords .. .. .	41	27
Windows .. .. .	368	246
Doors .. .. .	150	55
Doorframes .. .. .	29	25
Handrails .. .. .	16	12
Stairtreads .. .. .	21	15
Fireplaces .. .. .	68	57
Fireranges .. .. .	28	15
Ovens .. .. .	—	—
Flues .. .. .	21	5
Set-pot Boilers .. .. .	6	3
Gas Washing Boilers .. .. .	14	13
Absence of washing accommodation .. .. .	4	3
Burst water service pipes .. .. .	133	127
Sinkstones .. .. .	45	33
Absence of water supply .. .. .	1	—
Yard Walls .. .. .	145	94
Yard Doors .. .. .	147	91
Yard Doorframes .. .. .	80	58
Yard Surfaces .. .. .	125	58
Back Passage Surfaces .. .. .	—	—
Dustbins .. .. .	776	621
Accumulation of Refuse .. .. .	2	—
Miscellaneous works not classified .. .. .	560	448
Summary : Notices served .. .. .	3,821	to cover
	7,456	nuisances
Nuisances abated .. .. .	5,437	

**Summary of Nuisances abated during the last 5 years.**

	1954	1955	1956	1957	1958
Notices Served .. .. .	6,284	6,572	4,941	3,716	3,821
Concerning Nuisances .. .. .	13,169	11,785	9,695	7,525	7,456
Nuisances Abated .. .. .	9,220	9,121	7,242	4,858	5,437

In several cases owners have not complied with Abatement Notices served, and in order to enforce items which cannot be termed "Health Nuisances" recourse to the Housing Act procedure has followed.

(See Section F—Housing).

The attention of the Borough Engineer has been called to the following defects :—

Apparently dangerous structures . . . . . 29

### Infectious Diseases.

During the year 730 houses have been inspected, incurring 97 re-inspections, compared with 605 inspections and 112 re-inspections last year, owing to cases of Infectious Diseases (including Tuberculosis) and reports thereon have been made.

The number of inhabited rooms disinfected owing to cases of Infectious Diseases was 471 as compared with 330 last year.

### Offensive Trades.

Number on Register	..	..	..	..	19
Tripe Boiling	..	..	..	..	4
Fat Melting	..	..	..	..	3
Blood Drying	..	..	..	..	2
Fat Extracting	..	..	..	..	3
Hide and Skin Dealers	..	..	..	..	1
Rag and Bone Dealers	..	..	..	..	5
Gut Scraping	..	..	..	..	1
Number of Inspections	..	..	..	..	21

The whole of the Offensive Trades on the Register have been conducted satisfactorily, and in no instance where any minor alterations or improvement has been suggested has there been anything but ready response to carry out the same.

### Prevention of Damage by Pests Act, 1949.

A whole-time Rodent Officer with an assistant carry out the duties required by the above Act, and the following tables show the results of their labours during the last 5 years.

Year	Visits	Official Rodent Officers			Visits	Rat Club.	
		Baits Laid	Rats Killed	Mice Killed		Rats Killed	Mice Killed
1954	2,947	724	1,530	879	209	2,064	—
1955	2,763	1,089	1,301	265	164	1,782	—
1956	2,335	1,006	1,059	10	146	1,238	—
1957	2,475	1,004	1,220	83	136	1,228	—
1958	2,734	1,129	2,178	120	124	1,222	—

Eradication of rats and mice at dwelling houses is executed free of charge. Business premises are charged with the cost of the work.

It has not been necessary to serve Notices to eradicate rats and mice as co-operation of Owners and Occupiers of premises has been immediately forthcoming. As a result, there are no major infestations.

### Sanitary Condition of Theatres and Music Halls.

There are 13 places of public entertainment within the Borough, 11 Cinemas and 2 Theatres.

The Public Health Act empowers Local Authorities to inspect the sanitary condition of Cinemas, Theatres, etc., and 40 visits were paid during the year, resulting in a good standard of cleanliness being maintained.

### Hairdressers.

Section 286 of the Middlesbrough Corporation Act, 1933, makes it compulsory for all hairdressers and barbers to be registered with the Local Authority.

Number on Register	..	..	..	..	..	135
Number of Inspections made	..	..	..	..	..	79
Number of letters sent re minor contraventions, alterations to premises, etc.	..	..	..	..	..	13

In all cases where a new business has been established, wash-hand basins with properly trapped waste discharge pipes to external gully have been provided, together with an adequate hot water supply, and also approved containers for waste material, including hair.

The good standards which prevailed in the establishments has been continued—only minor contraventions of the Bye-laws have been found.

### Shops within the Borough.

Bakers and Confectioners	..	..	..	..	..	72
Boot and Shoe Dealers	..	..	..	..	..	31
Boot and Shoe Repairers	..	..	..	..	..	42
Butchers	..	..	..	..	..	138
Cars and Garages	..	..	..	..	..	33
Coal Dealers	..	..	..	..	..	58
Cycles	..	..	..	..	..	27
Chemists	..	..	..	..	..	47
Dairies	..	..	..	..	..	9

Departmental Stores	..	..	..	..	..	19
Drapers	..	..	..	..	..	70
Entertainments	..	..	..	..	..	13
Fish Friers	..	..	..	..	..	109
Fishmongers	..	..	..	..	..	29
Fruiterers	..	..	..	..	..	93
Furniture	..	..	..	..	..	38
General	..	..	..	..	..	346
Glass and Fancy Goods	..	..	..	..	..	13
Grocers	..	..	..	..	..	196
Hairdressers (Ladies)	..	..	..	..	..	76
Hairdressers (Gents)	..	..	..	..	..	59
Ironmongers	..	..	..	..	..	45
Jewellers	..	..	..	..	..	20
Newsagents and Tobacconists	..	..	..	..	..	115
Outfitters (Ladies)	..	..	..	..	..	34
Outfitters (Gents)	..	..	..	..	..	26
Paints and Paper	..	..	..	..	..	31
Radio and Electrical	..	..	..	..	..	48
Restaurants (including Ice-cream Saloons)	..	..	..	..	..	56
Sweets	..	..	..	..	..	60
Soft Furnishings	..	..	..	..	..	28
Sports Outfitters	..	..	..	..	..	3
Tailors	..	..	..	..	..	27
Wholesale Dealers	..	..	..	..	..	76
Miscellaneous	..	..	..	..	..	65

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Total .. 2,152

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Number of Visits	..	..	..	..	..	2,427
Number of Patrols	..	..	..	..	..	7
Shops Opened	..	..	..	..	..	81
Shops Closed down	..	..	..	..	..	47

Additional Sanitary and Washing Accommodation has been provided in 6 instances.

#### Retail Stalls.

				No. Stalls	No. Days Open Weekly
(a)	Street Traders	..	..	65	6
(b)	Open-air Markets	..	..	140	2

### Merchandise Marks Act, 1926.

Less cases of incorrect or non-labelling of foodstuffs were found than formerly owing to the previous action of notifying Shopkeepers of their responsibilities.

### Camping Sites.

One site is being used as winter quarters by members of the Showman's Guild—members of which are exempt from action under the Public Health Act and Local Act. Frequent inspections of the site are carried out and at no time has there been cause for complaint as the standard laid down by the Guild has been complied with.

### Verminous Premises.

Number of Inspections .. .. .	401
Number of Premises defested by the Department ..	303
Warning letters sent to tenants .. .. .	30
Warning letters sent to owners .. .. .	14
Reports to Medical Officer of Health .. .. .	15
Reports to Housing Department .. .. .	14
Other Letters sent .. .. .	7

### Houses Defested by Department.

Bed Bugs .. .. .	Dwellinghouses ..	131
	Other premises ..	1
Cockroaches .. .. .	Dwellinghouses ..	124
	Other premises ..	17
Fleas .. .. .	Dwellinghouses ..	14
	Other premises ..	2
Miscellaneous .. .. .	Dwellinghouses ..	11
	Other premises ..	3

It is the practice to spray bedding and furniture of tenants of slum clearance houses with 5 per cent. D.D.T. solution, prior to removal. The ready co-operation of the tenants has been given, and in several cases new bedding and furniture is provided. The old articles are destroyed by incineration. The action of tenants in purchasing new articles is commendable, as a "Clean" start is made in their new surroundings.

**Factories Act, 1937.**

There are 433 Factories on the Register, as follows :—

	With Mechanical Power	Without Mechanical Power
Bakehouses .. .. .	34	5
Joiners and Undertakers .. .. .	38	2
Printers .. .. .	8	1
Motor Engineers .. .. .	44	2
Boot Repairs .. .. .	13	—
Tailoring, etc. .. .. .	14	1
Mantle Alterations, etc. .. .. .	9	9
Upholstery .. .. .	11	5
Cabinet Makers .. .. .	3	—
General Engineering .. .. .	60	6
Electrical Engineering .. .. .	13	1
Sugar Boiling .. .. .	3	1
Laundries .. .. .	9	—
Monumental Masons .. .. .	2	—
Miscellaneous .. .. .	122	17
<b>Totals ..</b>	<b>383</b>	<b>50</b>

Number of Inspections (including works  
of Building and Engineering Con-  
struction) .. .. . 1,155

On the whole, the Factories and other premises were found to be in a satisfactory condition and no legal proceedings were instituted.

The following is a summary of the work carried out during the year :—

**Notices Received from Her Majesty's Inspector of Factories :—**

Removed from Register .. .. .	26
Change of Business .. .. .	3
New Premises .. .. .	9
Sanitary Defects, etc. .. .. .	12

**Notices Served under the Act :—**

(Concerning the following Defects)

General Cleanliness .. .. .	7
Overcrowding .. .. .	—
Drainage of Floors .. .. .	1
Inadequate ventilation .. .. .	—

## Sanitary Conveniences :—

(a) Insufficient .. .. .	7
(b) Unsuitable or defective .. .. .	109
(c) Inadequate ventilation .. .. .	12
(d) Not separate for sexes .. .. .	10
(e) Cleanliness .. .. .	75
General Defects .. .. .	6
Miscellaneous .. .. .	11

The whole of the nuisances were remedied with the exception of 24 items.

The responsibility for issuing Fire Certificates is that of the Fire Brigade. Certificates were issued as follows :—

New .. .. .	10
Amended .. .. .	3

**Home Work (Section 110 and 111) :—**

Eleven lists of Out-workers (or Home-Workers) were received in the first half of the year and 12 for the second half.

Number of Lists of Out-Workers received .. .. .	23
Number of Employers .. .. .	12
* Number of Out-Workers' premises inspected .. .. .	5
Number of Out-Workers—1st half of year .. .. .	34
Number of Out-Workers—2nd half of year .. .. .	30

\* This number refers to outworkers residing within the Borough only. The responsible officers of areas where the remaining outworkers reside are notified.

**Rag Flock and Other Filling Materials Act, 1951.**

Number of Premises Registered .. .. .	8
Number of samples taken .. .. .	23
Number Formal .. .. .	3
Number Informal .. .. .	20
Number conforming to standard .. .. .	20
Number Not Conforming to Standard .. .. .	3

3 Informal samples (2 of Rag Flock and 1 of Woollen Mixture Felt) were found not to conform to standard, having failed on Chlorine Content.

Formal 'follow-up' samples proved to be satisfactory, indicating the lack of uniformity of treatment.

Warning letters were sent to the manufacturers concerned.

**Fertilisers and Feeding Stuffs Act, 1926.**

Number of Samples taken	.. .. .	10
Number Formal	.. .. .	—
Number Informal	.. .. .	10
Number Conforming to Declaration	.. .. .	10
Number Not Conforming to Declaration	.. .. .	—

**Pharmacy and Poisons Act, 1933.****Poisons Rules, 1935.**

Ninety-three Premises with the persons nominated to sell poisons under the above rules, are now registered.

Upon registration, each person nominated was informed by letter of the need for separation of the commodity from foodstuffs, and where this was impossible, to store same upon the floor of the shop.

An inspection was made at each of the premises during the year.

**Pet Animals Act, 1951.**

During the year, 10 premises were licensed, as follows :—

Birds, Fishes, Dogs and other animals	.. .. .	6
Dogs and other animals	.. .. .	1
Tropical Fishes	.. .. .	2
Birds, Fishes, Dogs and other animals	.. .. .	1
(Market Stall)		

**Smoke, Grit and Fume Nuisances.**

In order to assess the amount of soot and dust deposited on the town, ten deposit gauges are installed and sited at strategic points—five in the industrial belt along the north side of the town, and five in the non-industrial zones. The following tables give the findings :—

MONTH					STOCKTON ROAD					GAS WORKS, CANNON STREET					EASTSIDE ROAD					
A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	
January	0.91	5.4	7.54	6.84	28.28	1.83	5.4	18.52	10.16	20.65	1.76	5.6	5.97	5.36	1.78	5.6	5.97	5.36	11.33	
February	2.23	5.3	17.54	9.02	20.24	1.84	5.5	16.86	16.69	33.55	2.43	5.8	5.97	11.33	2.43	5.8	5.97	11.33	14.72	
March	1.23	5.3	11.22	9.02	20.24	1.84	5.5	16.86	16.69	33.55	2.43	5.8	5.97	11.33	2.43	5.8	5.97	11.33	14.72	
April	2.36	5.4	19.93	10.41	29.54	1.33	5.7	12.64	12.48	25.32	1.34	5.4	9.59	3.72	1.34	5.4	9.59	3.72	13.31	
May	2.56	5.5	15.90	9.12	25.10	2.57	5.5	13.57	10.62	24.19	2.85	4.0	1.40	5.26	2.85	4.0	1.40	5.26	17.46	
June	2.47	5.5	15.90	9.12	25.10	2.57	5.5	13.57	10.62	24.19	2.85	4.0	1.40	5.26	2.85	4.0	1.40	5.26	17.46	
July	2.15	4.8	5.76	5.53	11.29	2.30	5.6	22.50	9.79	32.59	2.42	5.5	19.34	11.73	2.42	5.5	19.34	11.73	31.07	
August	2.15	4.8	5.76	5.53	11.29	2.30	5.6	22.50	9.79	32.59	2.42	5.5	19.34	11.73	2.42	5.5	19.34	11.73	31.07	
September	1.48	5.5	18.17	5.47	15.64	2.55	5.5	12.55	6.54	19.19	2.93	5.6	7.31	3.28	2.93	5.6	7.31	3.28	10.59	
October	1.09	5.0	10.81	4.56	15.37	1.24	5.3	8.80	5.48	14.28	1.44	5.2	4.42	5.44	1.44	5.2	4.42	5.44	6.86	
November	1.09	5.0	10.81	4.56	15.37	1.24	5.3	8.80	5.48	14.28	1.44	5.2	4.42	5.44	1.44	5.2	4.42	5.44	6.86	
December	2.15	5.3	8.18	11.93	20.11	2.16	5.1	9.76	12.21	21.97	2.27	5.3	4.19	7.01	2.27	5.3	4.19	7.01	11.26	
Average 1958	1.64	5.25	13.42	8.16	21.58	1.91	5.38	14.34	10.39	34.73	2.12	5.33	8.59	5.27	2.12	5.33	8.59	5.27	13.86	
do. 1957	1.46	5.35	13.42	8.16	21.58	1.91	5.38	14.34	10.39	34.73	2.12	5.33	8.59	5.27	2.12	5.33	8.59	5.27	13.86	
do. 1956	1.50	5.50	12.94	10.71	23.65	1.69	5.44	13.72	11.20	25.02	—	—	—	—	—	—	—	—	—	
do. 1955	1.21	5.30	17.87	9.58	27.43	1.35	5.48	13.62	11.20	25.02	—	—	—	—	—	—	—	—	—	
do. 1954	1.83	4.97	13.36	5.67	19.03	1.96	5.48	11.91	8.99	20.90	—	—	—	—	—	—	—	—	—	
Average over 5 years	1.53	5.31	13.83	8.56	22.39	1.69	5.48	12.76	10.12	22.88	2.12	5.33	8.59	5.27	2.12	5.33	8.59	5.27	13.86	
MONTH					HARBOUR MASTER'S YARD :					ALLOTMENT, SOUTH BANK					MILLBROOK AVENUE : R.F. EST.					
A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	
January	1.36	4.0	18.41	13.82	32.23	1.73	5.3	20.21	12.53	32.74	1.87	5.5	19.45	9.25	1.87	5.5	19.45	9.25	28.70	
February	2.06	4.2	19.69	13.36	33.05	2.62	5.5	18.85	12.25	31.10	2.39	5.5	22.74	8.13	2.39	5.5	22.74	8.13	30.87	
March	1.74	4.2	14.93	10.17	25.10	2.36	5.4	22.65	14.17	36.82	2.52	5.4	17.79	7.43	2.52	5.4	17.79	7.43	30.87	
April	1.74	4.2	14.93	10.17	25.10	2.36	5.4	22.65	14.17	36.82	2.52	5.4	17.79	7.43	2.52	5.4	17.79	7.43	30.87	
May	1.87	4.1	26.68	10.70	37.38	2.21	5.6	24.30	11.66	35.96	2.62	5.4	14.94	13.37	2.62	5.4	14.94	13.37	38.31	
June	1.91	4.9	14.83	12.92	27.77	2.33	5.6	22.19	13.44	35.63	2.40	5.5	15.43	17.27	2.40	5.5	15.43	17.27	38.31	
July	1.91	4.9	14.83	12.92	27.77	2.33	5.6	22.19	13.44	35.63	2.40	5.5	15.43	17.27	2.40	5.5	15.43	17.27	38.31	
August	2.18	5.2	15.61	6.66	22.27	2.32	5.7	27.24	16.18	43.42	1.86	5.4	17.46	8.24	1.86	5.4	17.46	8.24	32.30	
September	2.18	5.2	15.61	6.66	22.27	2.32	5.7	27.24	16.18	43.42	1.86	5.4	17.46	8.24	1.86	5.4	17.46	8.24	32.30	
October	1.20	4.2	16.97	7.13	24.10	1.50	6.7	48.80	12.23	61.02	1.89	5.6	20.21	4.98	1.89	5.6	20.21	4.98	25.19	
November	0.86	4.0	8.95	7.60	16.55	1.07	5.2	12.68	6.17	18.85	1.15	5.5	11.09	6.54	1.15	5.5	11.09	6.54	17.31	
December	1.89	4.2	14.12	15.28	29.40	2.21	5.5	11.01	13.11	26.12	0.84	5.0	11.12	4.97	0.84	5.0	11.12	4.97	16.53	
Average 1958	1.69	4.47	16.77	10.45	27.22	1.86	5.53	22.37	12.01	34.38	1.99	5.43	19.70	7.69	1.99	5.43	19.70	7.69	37.39	
do. 1957	1.46	4.18	12.91	10.17	23.08	1.55	5.43	12.00	8.68	20.68	—	—	—	—	—	—	—	—	—	
do. 1956	1.31	5.00	13.26	10.16	23.08	1.55	5.43	12.00	8.68	20.68	—	—	—	—	—	—	—	—	—	
do. 1955	1.08	4.03	13.01	9.27	22.28	1.31	5.57	34.15	13.40	47.55	1.41	5.52	21.02	8.79	1.41	5.52	21.02	8.79	26.24	
do. 1954	1.59	4.07	10.65	5.68	16.33	1.94	5.00	22.78	13.24	36.02	2.18	4.99	14.40	9.32	2.18	4.99	14.40	9.32	27.72	
Average over 5 years	1.33	4.35	13.32	9.15	22.47	1.64	5.55	26.28	12.71	38.99	1.78	5.45	17.76	7.81	1.78	5.45	17.76	7.81	25.57	
MONTH					THE GABLES, MARTON ROAD					ACKLAM HALL SCHOOL					SPECIAL SCHOOL ROMAN ROAD					
A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	
January	1.83	4.9	8.51	7.81	16.32	1.75	5.8	5.27	4.68	9.95	1.82	5.8	11.42	4.92	1.82	5.8	11.42	4.92	16.34	
February	2.65	5.3	13.01	9.61	22.62	2.67	5.6	7.90	5.60	13.50	3.05	5.4	8.42	3.17	3.05	5.4	8.42	3.17	11.59	
March	1.31	5.6	13.64	6.57	20.21	1.30	5.6	10.50	5.70	16.20	1.28	5.4	10.35	6.40	1.28	5.4	10.35	6.40	17.59	
April	2.30	5.0	11.01	7.77	18.78	2.40	5.4	5.90	5.17	19.94	2.69	5.4	10.34	4.95	2.69	5.4	10.34	4.95	17.59	
May	2.20	5.0	11.01	7.77	18.78	2.40	5.4	5.90	5.17	19.94	2.69	5.4	10.34	4.95	2.69	5.4	10.34	4.95	17.59	
June	2.53	5.4	11.34	8.17	22.52	2.24	5.5	6.30	5.17	19.94	2.69	5.4	10.34	4.95	2.69	5.4	10.34	4.95	17.59	
July	2.20	5.0	11.01	7.77	18.78	2.40	5.4	5.90	5.17	19.94	2.69	5.4	10.34	4.95	2.69	5.4	10.34	4.95	17.59	
August	2.80	5.5	6.00	5.57	11.57	2.74	5.6	4.77	3.26	8.03	2.81	5.5	7.41	3.78	2.81	5.5	7.41	3.78	17.39	
September	1.17	4.8	4.80	3.44	12.41	1.61	5.3	5.63	1.81	7.44	1.45	5.3	6.26	3.33	1.45	5.3	6.26	3.33	9.59	
October	0.74	4.1	5.97	7.54	13.51	0.76	4.5	5.70	3.79	9.49	0.75	4.3	8.72	2.80	0.75	4.3	8.72	2.80	8.56	
November	2.27	4.9	5.57	8.47	14.04	2.17	5.0	2.60	4.68	6.68	2.36	4.3	5.99	6.43	2.36	4.3	5.99	6.43	12.42	
December	1.93	5.06	9.23	7.62	16.84	1.90	5.34	6.45	4.33	10.78	2.06	5.20	9.16	4.78	2.06	5.20	9.16	4.78	13.42	
Average 1958	1.51	5.59	8.10	6.09	14.19	1.59	5.88	8.61	4.74	13.35	1.53	5.61	7.48	4.40	1.53	5.61	7.48	4.40	13.84	
do. 1957	1.27	5.24	8.10	6.09	14.19	1.59	5.88	8.61	4.74	13.35	1.53	5.61	7.48	4.40	1.53	5.61	7.48	4.40	13.84	
do. 1956	1.27	5.24	8.10	6.09	14.19	1.59	5.88	8.61	4.74	13.35	1.53	5.61	7.48	4.40	1.53	5.61	7.48	4.40	13.84	
do. 1955	1.27	5.24	8.10	6.09	14.19	1.59	5.88	8.61	4.74	13.35	1.53	5.61	7.48	4.40	1.53	5.61	7.48	4.40	13.84	
do. 1954	2.17	5.15	8.77	11.01	19.78	2.39	5.64	5.76	7.32	13.08	2.12	4.91	11.59	5.99	2.12	4.91	11.59	5.99	20.41	
Average over 5 years	1.71	5.29	9.34	8.46	17.60	1.76	5.63	7.64	5.25	12.29	1.81	5.34	10.83	6.17	1.81	5.34	10.83	6.17	17.00	
MONTH					PARKSIDE NURSERY PARK LANE					WIND RECORDS (Expressed in Hours)					N. N.E. E. S.E. S. S.W. W. NW. Calm No Rec.					
A.	B.	C.	D.	E.	A.	B.	C.	D.	E.	N.	N.E.	E.	S.E.	S.	S.W.	W.	NW.	Calm	No Rec.	
January	2.13	5.8	11.68	7.58	19.26	3.13	5.8	11.68	7.58	19.26	9.0	7.0	12.5	40.5	249.0	208.5	56.5	50.0	22.0	29.0
February	1.08	5.4	16.50	6.80	23.24	66.0	150.5	123.5	114.5	74.5	68.0	56.0	78.0	—	—	—	—	—	—	—
March	2.67	5.6	20.67	6.61	27.28	68.5	75.0	66.5	75.0	66.5	75.0	66.5	75.0	66.5	75.0	66.5	75.0	66.5	75.0	66.5
April	—	—	—	—	—	129.0	195.5	74.5	29.5	75.5	124.0	38.5	30.5	23.0	—	—	—	—	—	—
May	—	—	—	—	—	104.0	116.0	18.0	19.0	89.5	191.5	85.5	33.5	21.5	66.5	—	—	—	—	—
June	1.43	5.7	7.95	2.04	9.99	25.0	25.0	4.66	30.26	37.5	48.5	3.42	9.29	—	—	—	—	—	—	—
July	1.35	7.0	25.60	4.66	30.26	37.5	48.5	3.42	9.29	—	—	—	—	—	—	—	—	—	—	—
August	0.79	4.9	9.46	7.38	16.84	17.5	4.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
September	—	—	—	—	—	37.5	48.5	3.42	9.29	—										

Average Deposit over Town :

1958	— 21.18	Tons per Square Mile
1957	— 20.23	"
1956	— 24.09	"
1955	— 24.09	"
1954	— 21.29	"

5 Years' Average — 22.58

Average—Industrial Areas : (5 Gauges) 1958 — 24.55  
(6 Gauges) 1957 — 22.87  
" 1956 — 26.51  
" 1955 — 22.03  
" 1954 — 22.76

5 Years' Average — 25.11

Average—Non-Industrial Areas : (5 Gauges) 1958 — 17.63  
(4 Gauges) 1957 — 16.28  
" 1956 — 16.28  
" 1955 — 22.03  
" 1954 — 18.95

5 Years' Average — 1



MONTH	STOCKTON ROAD					GAS WORKS, CANNON STREET					EASTERSIDE ROAD				
	Fe <sub>2</sub> O <sub>3</sub>	Tarry Matter	Ash	Combustible Matter	SO <sub>2</sub> Gauge	Fe <sub>2</sub> O <sub>3</sub>	Tarry Matter	Ash	Combustible Matter	SO <sub>2</sub> Gauge	Fe <sub>2</sub> O <sub>3</sub>	Tarry Matter	Ash	Combustible Matter	SO <sub>2</sub> Gauge
January	1.80	—	—	—	—	2.92	—	—	—	—	1.34	—	—	—	—
February	3.48	—	—	—	—	1.52	—	—	—	—	2.01	—	—	—	—
March	2.20	0.10	7.09	4.03	4.02	2.95	0.27	12.65	3.94	6.57	2.35	0.20	6.77	2.32	2.85
April	5.07	—	—	—	—	2.22	—	—	—	—	2.92	—	—	—	—
May	3.41	0.10	9.66	6.22	3.82	3.21	0.20	9.46	3.91	4.22	2.25	0.07	4.89	3.05	2.68
June	1.01	—	—	—	—	7.43	—	—	—	—	3.55	—	—	—	—
July	5.10	—	—	—	—	2.29	—	—	—	—	1.71	—	—	—	—
August	2.10	0.11	6.69	3.37	2.56	4.15	0.13	9.06	4.25	2.85	0.57	0.07	5.53	5.13	0.54
September	2.40	—	—	—	—	2.52	—	—	—	—	0.98	—	—	—	—
October	2.70	—	—	—	—	2.76	0.23	6.71	2.82	4.02	1.04	—	—	—	—
November	2.39	0.17	5.65	2.36	3.82	3.12	0.21	9.47	3.73	4.42	2.01	0.11	4.95	3.00	2.02
December	3.06	0.12	7.27	4.00	3.51	2.27	0.12	7.47	3.61	3.54	—	—	—	—	—
Average 1958	2.27	0.12	7.47	4.00	3.51	2.19	0.14	7.66	3.44	3.54	—	—	—	—	—
do. 1957	2.25	0.09	7.49	4.24	3.84	2.45	0.16	9.42	4.35	4.37	—	—	—	—	—
do. 1956	2.94	0.16	9.92	6.91	4.32	2.06	0.14	7.78	3.48	3.31	—	—	—	—	—
do. 1955	2.03	0.14	7.50	4.93	2.03	—	—	—	—	—	—	—	—	—	—
do. 1954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Overall Ave.	2.51	0.13	7.93	4.54	3.29	2.47	0.16	8.68	3.58	3.77	2.01	0.11	4.95	3.00	2.02
HARBOR MASTER'S YARD, DOCKS															
January	4.67	—	—	—	—	6.24	—	—	—	—	7.43	—	—	—	—
February	6.52	—	—	—	—	6.50	—	—	—	—	8.83	—	—	—	—
March	4.65	0.20	10.73	4.00	4.23	8.16	0.17	16.87	5.61	6.34	5.34	0.23	13.04	4.52	3.02
April	7.42	—	—	—	—	14.33	—	—	—	—	7.63	—	—	—	—
May	11.33	—	—	—	—	9.76	—	—	—	—	4.52	—	—	—	—
June	5.93	0.13	10.74	3.98	5.53	10.63	0.23	16.74	5.22	5.15	4.24	0.10	11.19	4.14	3.15
July	9.27	—	—	—	—	10.63	—	—	—	—	3.88	—	—	—	—
August	7.09	—	—	—	—	5.65	—	—	—	—	3.35	—	—	—	—
September	6.16	0.20	12.99	3.78	3.18	20.46	0.27	38.23	10.30	4.29	4.64	0.10	14.83	5.28	2.26
October	3.52	—	—	—	—	2.41	—	—	—	—	3.05	—	—	—	—
November	3.51	—	—	—	—	2.41	—	—	—	—	3.05	—	—	—	—
December	4.18	0.20	10.37	3.55	5.20	3.83	0.26	9.87	2.88	4.72	2.32	0.13	5.68	2.75	2.79
Average 1958	6.28	0.18	11.21	3.83	4.54	8.39	0.23	20.43	6.00	5.13	4.85	0.14	11.19	4.17	2.81
do. 1957	3.46	0.16	9.49	3.83	3.18	19.89	0.21	38.16	12.58	2.65	4.56	0.12	10.47	3.18	2.40
do. 1956	3.44	0.16	9.05	3.87	3.18	11.50	0.16	17.64	5.54	5.19	4.69	0.13	11.91	6.52	3.69
do. 1955	2.78	0.18	8.04	3.87	3.19	8.27	0.17	18.66	6.03	4.74	2.90	0.13	9.41	4.14	3.24
do. 1954	2.37	0.17	6.08	3.86	2.16	—	—	—	—	—	—	—	—	—	—
Overall Ave.	3.77	0.17	8.57	3.90	3.26	9.77	0.19	20.38	5.55	4.30	4.66	0.14	11.75	4.49	2.79
THE GABLES, MARTON ROAD															
January	2.00	—	—	—	—	1.19	—	—	—	—	3.03	—	—	—	—
February	2.74	—	—	—	2.52	1.32	—	—	—	—	1.48	—	—	—	—
March	2.23	0.17	7.81	2.93	4.87	1.51	0.20	6.16	2.30	2.83	—	—	—	—	—
April	3.34	—	—	—	—	2.11	—	—	—	—	2.06	—	—	—	—
May	2.48	—	—	—	—	—	—	—	—	—	2.84	—	—	—	—
June	2.70	0.13	8.71	3.14	4.07	1.09	0.07	3.26	2.47	2.04	2.36	0.10	8.83	3.97	2.84
July	1.11	—	—	—	—	1.28	—	—	—	—	1.14	—	—	—	—
August	1.20	—	—	—	—	0.79	—	—	—	—	1.11	—	—	—	—
September	1.63	0.12	5.14	2.81	2.17	0.89	0.10	3.10	2.43	0.86	1.11	0.13	3.84	2.29	1.58
October	0.90	—	—	—	—	0.46	—	—	—	—	0.86	—	—	—	—
November	0.90	—	—	—	—	0.46	—	—	—	—	1.26	—	—	—	—
December	1.50	0.10	3.90	1.57	2.70	0.56	0.07	1.65	0.88	1.38	1.11	0.10	3.60	2.29	2.21
Average 1958	2.15	0.13	6.39	2.61	3.45	1.11	0.11	3.54	2.02	1.78	1.88	0.11	5.42	2.85	2.21
do. 1957	2.19	0.07	6.32	2.54	2.87	0.58	0.08	5.11	2.04	1.23	2.43	0.08	5.87	2.89	2.16
do. 1956	2.45	0.16	7.85	3.20	3.21	1.67	0.08	3.57	1.56	1.60	1.90	0.12	6.00	4.46	1.85
do. 1955	2.09	0.13	6.74	2.48	3.51	1.05	0.11	2.19	1.33	3.25	1.69	0.13	8.19	4.18	2.04
do. 1954	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Overall Ave.	2.21	0.12	6.84	2.56	3.00	1.26	0.10	4.39	1.90	1.84	1.91	0.11	6.10	3.31	1.86
PARKSIDE NURSERY, PARK LANE															
January	2.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	3.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	2.58	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	3.84	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	0.91	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	4.50	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	1.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	1.24	0.10	4.70	2.31	2.62	—	—	—	—	—	—	—	—	—	—
Average 1958	2.22	0.12	12.12	4.13	2.27	2.11	0.10	7.92	2.19	1.08	—	—	—	—	—
do. 1957	2.11	0.10	7.92	2.19	1.08	—	—	—	—	—	—	—	—	—	—
do. 1956	2.26	0.09	7.59	2.87	2.48	—	—	—	—	—	—	—	—	—	—
do. 1955	2.56	0.17	9.79	4.64	3.35	—	—	—	—	—	—	—	—	—	—
do. 1954	2.11	0.17	9.62	4.46	2.50	—	—	—	—	—	—	—	—	—	—
Overall Ave.	2.25	0.13	9.41	3.46	2.34	—	—	—	—	—	—	—	—	—	—

REFERENCES

Fe<sub>2</sub>O<sub>3</sub> Tarry Matter  
Ash  
Combustible Matter  
SO<sub>2</sub> Gauges—Expressed in Milligrams per 100 Sq. Centimeters per day.

SUMMARY

ITEM	INDUSTRIAL AREA					Overall Average	NON-INDUSTRIAL AREA					Overall Average	WHOLE TOWN					Overall Average
	1958	1957	1956	1955	1953		1958	1957	1956	1955	1954		1958	1957	1956	1955	1954	
Fe <sub>2</sub> O <sub>3</sub>	4.59	4.12	3.97	4.35	3.27	4.06	2.51	2.69	2.98	2.93	2.04	2.63	3.57	3.55	3.59	3.78	2.80	3.46
Tarry Matter	0.17	0.15	0.12	0.15	0.15	0.15	0.12	0.13	0.09	0.14	0.14	0.12	0.15	0.14	0.11	0.15	0.14	0.14
Ash	11.04	10.16	10.88	10.28	9.68	10.41	7.14	9.07	7.41	9.13	7.54	8.06	9.14	9.73	9.47	9.81	8.91	9.41
Combustible Matter	4.15	3.41	3.92	4.87	4.43	4.16	3.08	2.90	2.57	4.15	3.29	3.20	3.63	3.21	3.37	4.58	4.02	3.76
Sulphate as SO <sub>4</sub>	4.05	2.86	3.38	3.83	3.21	3.47	2.79	1.55	2.26	2.05	3.09	2.49	2.92	2.34	2.31	3.17	3.05	2.86
SO <sub>2</sub> Gauges	2.02	2.25	2.07	1.17	1.10	1.72	1.71	1.68	1.66	1.56	1.05	1.53	1.86	1.97	1.87	1.64	1.08	1.68

February, 1959

Henry Whitfield,  
Chief Public Health Inspector,  
Health Department,  
26 Southfield Road,  
MIDDLESBROUGH.

## **Clean Air Act, 1956.**

### **1. Prior Approval**

In the report of 1957, there was reference to applications made for approval. At the Mental Hospital, one economic boiler with oil burners has been installed, and at the General Hospital one economic boiler with chain grate stoking has been installed, and both are functioning satisfactorily.

The application from the Dairy to install a sprinkler stoker (to which the Council did not give approval) was withdrawn, and the firm concerned are to install a new boiler with oil firing, in 1959.

### **2. Smoke Control Area**

Further consideration was given by the Council to the area surveyed in 1957, with the result that the area was greatly reduced to 684 Council Houses ; 116 Privately owned ; and 1,200 to be built by the Council.

Application was made to the Ministry of Housing and Local Government to create the zone to become operative on 1st October, 1959, but at the end of the year approval had not been obtained.

### **3. Emissions**

Attention has been called to the following matters :—

#### **Black Smoke :—**

British Railways	..	Goods Locomotives
Steel Manufacturers	..	Mobile Cranes
do. do.	..	Reheating furnaces

#### **Grit :—**

Steel Manufacturers—Cupolas

In one case, prices have been obtained for the installation of Grit Arrestors, and it is hoped that the work will be completed in 1959.

## **Social Clubs.**

Number on Register	..	..	..	..	57
Number of Inspections	..	..	..	..	117

The whole of the clubs have been visited and special attention paid to the provisions of the Food Hygiene Regulations, 1955, so far as they affect this type of premises.

Reports, where necessary, have been forwarded to the responsible persons and steps are being taken by the clubs to bring the premises up to the required standard.

## SECTION F

### HOUSING.

Number of new houses erected in the Borough during the year :—

(1) Erected by the Local Authority	..	..	501
(2) Erected by other persons	..	..	166
(3) Houses demolished	..	..	200

The ward distribution of the houses referred to is as follows :—

Acklam Ward	..	..	..	..	113
Grove Hill Ward	..	..	..	..	4
Linthorpe Ward	..	..	..	..	8
Park Ward	..	..	..	..	17
Thorntree Ward	..	..	..	..	523
Tollesby Ward	..	..	..	..	2
Total					667

#### Housing Act, 1957—Section 9.

Notices served	..	..	..	..	8
Notices completed	..	..	..	..	7
(a) By owner	..	..	..	..	6
(b) By Corporation in default	..	..	..	..	1

Certain work completed during the year referred to notices served in the previous year.

Full information of Housing Procedure is now submitted to the Ministry quarterly.

#### Housing Act, 1957.

##### Section 17 : Sub-Section 1.

Number of Houses in respect of which a Closing Order was made	..	..	..	..	11
---	----	----	----	----	----

##### Section 18 : Sub-Section 1.

Number of underground rooms in respect of which a Closing Order was made	..	..	1
--	----	----	---

#### Overcrowding.

During the year, 13 visits were made to houses known to be overcrowded.

**Rent Act, 1957.**

Since the commencement of the Act in July, 1957, the following actions have been taken under the First Schedule :—

**Part I—Applications for Certificates of Disrepair**

Number of applications for Certificates .. .. .	783
Number of decisions not to issue certificates .. .. .	3
Number of decisions to issue certificates :—	
(a) in respect of some but not all defects .. .. .	491
(b) in respect of all defects .. .. .	283
Number of undertakings given by landlords under paragraph 5 of the First Schedule .. .. .	609
Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule .. .. .	2
Number of certificates issued .. .. .	153

**Part II—Applications for Cancellation of Certificates**

Applications by landlords to Local Authority for cancellation of certificates .. .. .	52
Objections by tenants to cancellation of certificates .. .. .	12
Decisions by Local Authority to cancel in spite of tenant's objection .. .. .	2
Certificates cancelled by Local Authority .. .. .	38

**Common Lodging Houses.**

Number of Houses .. .. .	6
Number of Keepers .. .. .	6
Number of Inspections .. .. .	28
Number of Lodgers who can be accommodated nightly .. .. .	225
Number registered during the year .. .. .	—
Number closed or discontinued .. .. .	1
Number of Notices and Letters re repairs, cleanliness, etc. .. .. .	14

## SECTION G

## INSPECTION AND SUPERVISION OF FOOD

**Bacteriological Examination of Graded Milk.**

414 Samples were procured during the year and submitted for examination. 325 or 78.5% were found to be satisfactory to the statutory test, and 89 or 21.5% unsatisfactory.

**Summary.**

Grade	Number Taken	%	Number Satisfactory	%	Number Unsatisfactory	%
T.T. (Farm Bottled) ..	51	12.32	44	86.27	7	13.73
Tuberculin Tested ..	363	87.68	281	77.41	82	22.59
Total ..	414	100	325	—	89	—

Samples were found to be satisfactory as follows :—

On 1st Test ..	..	..	..	..	..	275
On 2nd Test ..	..	..	..	..	..	40
On 3rd Test ..	..	..	..	..	..	6
On 4th Test ..	..	..	..	..	..	3
On 5th Test ..	..	..	..	..	..	1
Total ..	..	..	..	..	..	325

Origin	No. of Producers	No. of Samples	Satisfactory No.	%	Unsatisfactory No.	%
Inside the Borough ..	2	10	9	90.00	1	10.00
Outside the Borough ..	88	404	316	78.22	88	21.78
Total ..	90	414	325	78.5	89	21.5

**Analysis of Unsatisfactory Samples :—**

			Winter	Summer	Total
Decolourised in	$\frac{1}{2}$ hour ..	..	—	9	9
„	1 „ ..	..	2	12	14
„	$1\frac{1}{2}$ „ ..	..	1	7	8
„	2 „ ..	..	—	4	4
„	$2\frac{1}{2}$ „ ..	..	4	7	11
„	3 „ ..	..	3	2	5
„	$3\frac{1}{2}$ „ ..	..	1	3	4
„	4 „ ..	..	1	7	8
„	$4\frac{1}{2}$ „ ..	..	6	16	22
„	5 „ ..	..	3	—	3
„	$5\frac{1}{2}$ „ ..	..	1	—	1
Total ..	..	..	22	67	89
Total samples taken in period ..	..	..	203	211	414
Percentage unsatisfactory ..	..	..	10.8%	31.7%	

Of the number of Tuberculin Tested Milks unsatisfactory, 88 samples were from outside the Borough, having been procured from 47 producers. Notification of the results was given to the County Milk Regulations Officer, Ministry of Agriculture, Fisheries and Food.

From 41 farms outside the Borough, and 1 farm inside the Borough, a total of 117 samples were procured, and in every case the milk was satisfactory.

#### Summary of Bacteriological Milk Samples taken over last 5 years.

Year	Total	Satisfactory	%	Not Satisfactory	%
1954	469	404	86.14	65	13.86
1955	475	367	77.26	108	22.74
1956	466	377	80.90	89	19.10
1957	452	329	72.79	123	27.21
1958	414	325	78.50	89	21.50
Total	2,276	1,802	79.12	474	20.88

There has been a slight improvement in the number of unsatisfactory samples, but the percentage is still far too high and there is room for much improvement in this respect.

#### Rinse Samples.

72 samples were procured during the year from the 5 dairies in the Borough where milk is bottled. In each case these dairies use one or more automatic bottle sterilizers. Samples were procured from each sterilizer; 8 in all, and the average counts varied from 13 to 994 per pint bottle.

2 machines were found to be functioning unsatisfactorily, and after minor adjustments had been made, a satisfactory rinse sample was obtained from the bottles the machines had sterilized.

Whilst there is no standard for mineral water bottles, it was felt that these should be sterilized at least comparably with milk bottles. 6 Rinse samples of mineral water bottles were procured from one factory where there is one bottle sterilizer. The average count per bottle was 91. This was a satisfactory result.

#### Pasteurised Milks.

Bacteriological Tests	Number Submitted	Number Satisfactory	Number Unsatisfactory
Pasteurised .. ..	180	173	7
T.T. Pasteurised ..	106	103	3
Total .. ..	286	276	10

**Pasteurised.**

4 Samples failed to pass the Phosphatase Test.

6 Samples failed to pass the Methylene Blue Test.

4 Samples of Pasteurised Milk (included in the above) produced outside the Borough, failed to conform to the standard tests out of the 15 samples procured during the year from this dairy.

**Pasteurised Milks—5 year Summary.**

Year	Number Taken	Pasteurised		T.T. Pasteurised		
		Number Satisfactory	Number Un-satisfactory	Number Taken	Number Satisfactory	Number Un-satisfactory
1954	118	117	1	77	77	—
1955	136	130	6	88	86	2
1956	136	126	10	93	92	1
1957	181	165	16	104	102	2
1958	180	173	7	106	103	3
Total	751	711	40	468	460	8

Total taken	..	..	1,219
Satisfactory	..	..	1,171 (96.06 %).
Unsatisfactory	..	..	48 ( 3.94 %).

**Sterilized Milks.**

Bacteriological Tests	Number Submitted	Number Satisfactory	Number Unsatisfactory
	49	49	—

**Sterilized Milks—5 year Summary.**

Year				Number Taken	Number Satisfactory	Number Unsatisfactory
1954	..	..	..	38	38	—
1955	..	..	..	48	46	2
1956	..	..	..	46	46	—
1957	..	..	..	47	47	—
1958	..	..	..	49	49	—
Total	..			228	226	2
					(99.12 %)	(0.88 %)

**Biological Examination of Milk.****(a) Tubercle Bacilli.**

Grade		Number of Samples Submitted	Number free from Tubercle Bacilli	Number Containing Tubercle Bacilli
T.T. (Farm Bottled)	..	18	18	—
Tuberculin Tested	..	111	111	—
T.T. Pasteurised	..	1	1	—
Pasteurised	..	2	2	—
Total		132	132	—

**(b) Brucella Abortus.**

Grade		Number of Samples Submitted	Number free from Brucella Abortus	Number Containing Brucella Abortus
T.T. (Farm Bottled)	..	17	15	2
Tuberculin Tested	..	102	98	4
T.T. Pasteurised	..	1	1	—
Pasteurised	..	2	2	—
Total		122	116	6

In all cases where a "Positive" report is received concerning either Tubercle Bacilli or Brucella Abortus, the Ministry of Agriculture, Fisheries and Food (Animal Health Division) is immediately notified.

**5 Years' Summary.**

Year	Tubercle Bacilli			Brucella Abortus		
	Number Submitted	Number Negative	Number Positive	Number Submitted	Number Negative	Number Positive
1954	21	21	—	21	21	—
1955	62	62	—	57	53	4
1956	202	202	—	202	192	10
1957	161	161	—	161	157	4
1958	121	121	—	119	113	6
Total	567	567	—	560	536	24 (4.28%)

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

The following licences have been granted during the year under the above Regulations (concerning the 358 establishments from which milk is sold) :—

			1957	1958
			<hr/>	<hr/>
1.	Dealers (Pasteurisers)	.. ..	5	5
2.	Dealers (Sterilizers)	.. ..	1	1
3.	Pasteurised (Dealers)	.. ..	162	183
4.	Sterilized (Dealers)	.. ..	303	328
5.	Pasteurised Dealer (Supplementary)	..	1	1
			<hr/>	<hr/>
	Total	..	472	518
			<hr/>	<hr/>

These licences are renewable on the 1st January each year.

### **The Milk (Special Designation) (Raw Milk) Regulations, 1949.**

The following licences have been granted during the year under the above Regulations :—

			1957	1958
			<hr/>	<hr/>
1.	Tuberculin Tested (Dealers)	.. ..	27	32

These licences are renewable on the 1st January each year.

### **The Milk and Dairies Regulations, 1949.**

There are 12 Distributors registered under Part III (2) of the above Regulations.

### **Purveyors of Milk.**

#### **Bottled Milk—5 Year Summary**

		1954	1955	1956	1957	1958
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
1.	Pasteurised Milk	.. 117	134	149	162	183
2.	Tuberculin Tested	.. 22	23	23	27	32
3.	Sterilized .. ..	.. 293	314	314	303	328
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	Total	.. 432	471	486	492	543
		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

The following table shows the average fatty content of the samples procured during the last 5 years and submitted for Chemical Analysis :—

Year		Number of Samples taken		Average Fat content
1954	..	123	..	3.56 %
1955	..	171	..	3.60 %
1956	..	179	..	3.59 %
1957	..	201	..	3.51 %
1958	..	179	..	3.65 %

The whole of the milk supplied is from 3 large and 2 small dairies inside the Borough, with a result that the milk is "Mixed", thus showing a high average fat content.

#### Ice Cream Producers and Dealers.

Section 16, Food and Drugs Act, 1955, makes it obligatory upon all persons dealing with Ice Cream to be registered ; the number on the register being :—

Producers	..	..	..	..	..	15
Dealers	..	..	..	..	..	427
Sales Units (Mobile)	..	..	..	..	..	55

During the year 52 Certificates were issued, being 28 new Dealers, and 24 changes of Proprietors in the Dealers' Register. 33 Registrations were withdrawn, as the sale of Ice-Cream had been discontinued.

The results of the analysis of all samples procured, were forwarded to manufacturers. "Follow-up" samples were taken as necessary, after discussing methods of manufacture so far as producers in the Borough were concerned.

A summary of Ice-Cream Producers and Dealers over the last 5 years is as follows :—

				1954	1955	1956	1957	1958
Producers	..	..	..	25	18	17	16	15
Dealers ..	..	..	..	416	425	465	483	482
				<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total	..			441	443	482	499	497
				<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

### Ice-Cream.

It will be noted that the number of producers is steadily decreasing whilst the number of dealers is increasing. There is now a tendency on the part of producers who only produce a small quantity of ice-cream, to purchase processed mix from the larger producers and freeze it as and when required. This obviously necessitates careful supervision to ensure that the Ice-Cream (Heat Treatment) Regulations, 1947, are being complied with, and every effort has been made during the year in this direction.

On the whole, ready co-operation has been given by all persons concerned, and one manufacturer has purchased a refrigerated vehicle to be used for the transporting of processed mix.

### Ice Cream Sampling.

#### Bacteriological Examination.

100 Samples of Ice Cream were procured from 20 Producers ; 85 were found to be satisfactory and 15 unsatisfactory as indicated in the following tables :—

**Table 1. Results of " Cold-Mix " Samples.**

Time taken to reduce Methylene Blue (hrs.)	No.	Provisional	Grading		
		1	2	3	4
4½	11	11	—	—	—
4 — 2½	3	—	3	—	—
2 — 0	—	—	—	—	—

All the above samples were from 2 Local producers.

**Table 2. Results of " Hot-Mix " Samples.**

Time taken to reduce Methylene Blue (hrs.)	No.	Provisional	Grading		
		1	2	3	4
4½	54	54	—	—	—
4 — 2½	17	—	17	—	—
2 — 0	15	—	—	13	2

**Table 3.**

**Results of " Follow-up " Samples of those given Grading 3-4 (after supervision in local cases).**

Time taken to reduce Methylene Blue (hrs.)	No.	Provisional	Grading		
		1	2	3	4
4½	4	4	—	—	—
4 — 2½	2	—	2	—	—
2 — 0	3	—	—	2	1

(In 2 cases, it was not possible to procure " Follow-up " Samples). Included in the above were samples from 4 producers within the Borough. Where it was possible to follow up unsatisfactory samples before the end of the year, a provisional grade 1 was obtained.

Table 4.

## Summary Results of All Samples Taken

Provisional Grading				
No.	1	2	3	4
100	65	20	13	2

Table 5.

## Showing Results of Samples Taken which were Produced Inside and Outside the Borough.

Where Produced	Producers	Provisional Grading				
		No.	1	2	3	4
Outside Borough	7	30	25	3	2	—
Inside Borough ..	13	70	40	17	11	2
Total ..	20	100	65	20	13	2

## Summary over Last 5 Years.

	1954	1955	1956	1957	1958
Total Taken .. ..	80	96	90	107	100
Provisional Grade 1 ..	55	50	77	71	65
„ „ 2 ..	13	25	8	22	20
„ „ 3 ..	10	4	4	11	13
„ „ 4 ..	2	17	1	3	2
Percentage Satisfactory	85.00	78.12	94.44	86.92	85.00

## Ice-Cream Chemical Analysis.

71 samples of Ice-Cream were procured and submitted to the Public Analyst for Chemical Analysis. The results of the Fat Content varied from 5.2% to 15.0%. The Fat Standard during the year was 5%. All samples were above this standard.

The average Fat Content of samples over the last 5 years is as follows :—

1954	1955	1956	1957	1958
9.309%	8.752%	9.225%	9.382%	9.397%

The 71 samples were also submitted for Analysis so far as "Solids not Fat" and "Sucrose" Content was concerned. The standard required was "Solids not Fat" 7.5%; "Sucrose" 10%. The average of the 71 samples was as follows—"Solids not Fat"—11.106%; "Sucrose"—14.125%.

All samples conformed to standard except in one case when the "Non Fatty Solids" were slightly low. The producer was advised to add Milk Powder to his mix and when he did so the "Follow up" sample proved to be satisfactory.

### Public Swimming Baths.

100 samples were taken on 25 occasions. On each occasion a sample was taken at the inlet (shallow) and outlet (deep) ends of the bath. On all but 2 occasions concerning 4 samples the results were satisfactory. When unsatisfactory, steps were immediately taken to rectify and the Baths Superintendent and his staff are congratulated on the high standard maintained.

### Meat and Other Foods.

#### Slaughter of Animals Acts, 1933 to 1954.

There are now 40 persons on the Register of Licensed Slaughtermen. Of these, only 13 are regularly employed at the 2 Slaughterhouses.

### Slaughterhouses.

					Regd.	Licensed.
December, 1920	..	..	..	..	39	3
December, 1958	..	..	..	..	—	1
Public Slaughterhouses	..	..	..	..	1	—
Number of Inspections (at two Slaughterhouses—see Public Health (Meat Regulations))						1,763

### Manufacture of Foodstuffs.

All premises used or proposed to be used for the preparation of Potted, Pressed, Pickled or Preserved Meat (including Sausages), are registered under Section 16, Food and Drugs Act, 1955.

The total number of such premises on the register is 282.

**Public Health (Meat) Regulations, 1924/52.**

The Public Abattoir and the Co-operative Society's Abattoir in Saltwells Road are used ; a qualified Inspector is employed upon inspection at each of these premises.

The following have been slaughtered and inspected before removal from the slaughterhouses :—

Species	Public Abattoir	Saltwells Road Abattoir	Total
Bulls .. ..	49	32	81
Bullocks .. ..	2,394	1,224	3,618
Cows .. ..	1,297	915	2,212
Heifers .. ..	1,387	1,782	3,169
Calves .. ..	435	196	631
Pigs .. ..	8,291	4,665	12,956
Sows and Boars .. ..	1,071	797	1,868
Sheep .. ..	14,387	5,972	20,359
Horses .. ..	—	—	—
Goats .. ..	21	—	21
Total ..	29,332	15,583	44,915

**Summary of Animals Slaughtered during the last 5 years.**

	1954	1955	1956	1957	1958
Bulls ..	309	166	99	94	81
Bullocks ..	5,338	3,596	3,868	4,382	3,618
Cows ..	2,171	1,849	1,614	1,856	2,212
Heifers ..	3,443	2,445	3,083	2,883	3,169
Calves ..	2,906	1,386	1,783	1,161	631
Sheep ..	36,443	19,441	21,665	20,660	20,359
Pigs ..	19,694	19,033	15,558	15,408	14,824
Horses ..	—	—	—	—	—
Goats ..	—	—	—	—	21
Total	70,304	47,916	47,670	46,444	44,915

Total .. 257,249

### Carcases Inspected and Condemned.

		Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses	Goats
Number killed	..	6,868	2,212	631	20,359	14,824	—	21
Number Inspected	..	6,868	2,212	631	20,359	14,824	—	21

#### ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI

Whole carcases condemned	..	9	20	6	65	28	—	—
Carcases of which some part or organ was condemned	..	3,564	959	3	1,309	2,686	—	—
Percentage of the num- ber inspected affected with conditions and diseases other than Tuberculosis and Cysticerci	.. ..	52.02	44.26	1.43	6.75	18.31	—	—

#### TUBERCULOSIS ONLY

Whole carcases condemned	..	10	11	—	—	—	—	—
Carcases of which some part or organ was condemned	..	438	640	—	—	388	—	—
Percentage of the num- ber inspected affected with tuberculosis	..	6.52	29.43	—	—	2.62	—	—

#### CYSTICERCUS BOVIS

Carcases of which some part or organ was condemned	..	120	13	—	—	—	—	—
Carcases submitted to treatment by refriger- ation	.. ..	14	5	—	—	—	—	—
Generalised and totally condemned	..	—	—	—	—	—	—	—

Of the 44,915 animals slaughtered, 34,646 or 77.14% were found to be sound and unaffected by diseases or conditions of any nature ; 1,487 or 3.31% were found to be affected with Tuberculosis and 8,782 or 19.55% were found to be affected with other diseases or conditions.

# CLASSIFICATION OF CONDEMNATIONS — 1958.

(In lbs.)

Disease or Condition	Cow		Other Beef	Pork	Mutton	Veal	Offal	Fish	Rabbits	Tinned Goods	Vegetables	Misc.	Totals
	Beef	Offal											
Abscesses ..	14	1,044	8	724	104	—	2,899	—	—	—	—	—	4,793
Actinomycosis ..	—	28	28	8	—	—	224	—	—	—	—	—	288
Actinobacillosis ..	—	96	186	—	—	—	382	—	—	—	—	—	664
Arthritis ..	—	—	3	56	19	—	24	—	—	—	—	—	156
Bonetaint ..	—	—	439	—	—	—	—	—	—	—	—	—	439
Blood Aspiration ..	—	—	—	—	—	—	100	—	—	—	—	—	100
Bruising ..	115	—	214	48	45	—	60	—	—	—	—	—	482
Carcinoma ..	—	—	320	—	—	—	80	—	—	—	—	—	400
Congestion ..	—	30	—	—	—	—	1,035	—	—	—	—	—	1,065
Contamination ..	—	23	—	—	—	—	164	—	—	—	—	—	187
Decomposition ..	560	45	32	663	25	160	1,313	1,210	30	14,699	7,840	846	27,423
Emphysema ..	—	20	—	—	—	—	40	—	—	—	—	—	60
Emaciation ..	2,517	667	60	353	722	30	359	—	—	—	—	—	4,678
Enteritis ..	—	—	—	—	—	—	54	—	—	—	—	—	84
Fatty Infiltration ..	—	—	—	—	—	—	24	—	—	—	—	—	24
Fever (Acute) ..	—	240	492	866	—	—	208	—	—	—	—	—	1,566
Food Aspiration ..	—	48	—	—	—	—	2,316	—	—	—	—	—	2,556
Hepatitis ..	—	—	—	—	—	—	65	—	—	—	—	—	113
Immaturity ..	—	240	—	—	9	—	64	—	—	—	—	—	73
Inflammation ..	58	—	—	—	—	—	2,433	—	—	—	—	—	2,731
Ill-Bled ..	—	—	—	—	55	32	10	—	—	—	—	—	97
Johnes Disease ..	456	185	—	—	—	—	115	—	—	—	—	—	756
Mastitis ..	2,543	4,666	—	—	127	—	231	—	—	—	—	—	7,567
Moribund ..	—	8	—	161	220	55	82	—	—	—	—	—	526
Melanosis ..	—	42	—	—	—	—	96	—	—	—	—	—	138
Metritis ..	—	40	—	—	—	—	—	—	—	—	—	—	40
Natural Death ..	—	—	—	120	85	—	36	—	—	—	—	—	241
Necrosis ..	—	72	5	—	—	—	42	—	—	—	—	—	119
Nephritis ..	—	17	—	—	—	—	63	—	—	—	—	—	80
Oedema (Dropsy) ..	1,331	360	—	—	560	—	192	—	—	—	—	—	2,443
Parasites :													
Ascaris ..	—	—	—	—	—	—	595	—	—	—	—	—	595
Cysticercus Bovis ..	132	164	804	—	—	—	2,160	—	—	—	—	—	3,260
Echinococcus ..	—	—	—	—	—	—	36	—	—	—	—	—	36
Fluke ..	—	3,020	—	—	—	—	15,642	—	—	—	—	—	18,662
Unclassified ..	—	10	—	—	—	—	1,419	—	—	—	—	—	1,429
Pericarditis ..	—	34	4	392	284	—	140	—	—	—	—	—	178
Pneumonia ..	1,012	248	524	126	50	—	1,094	—	—	—	—	—	3,554
Peritonitis ..	336	547	1,007	17	92	—	945	—	—	—	—	—	3,011
Pleurisy ..	—	570	25	80	40	36	4,695	—	—	—	—	—	5,399
Pyæmia ..	—	20	—	—	—	—	34	—	—	—	—	—	210
Septicæmia ..	312	100	380	392	38	—	99	—	—	—	—	—	1,321
Swine Erysipelas ..	—	—	—	116	—	—	13	—	—	—	—	—	129
Tuberculosis ..	9,251	11,611	7,069	2,925	—	—	12,317	—	—	—	—	—	43,163
Trauma (Injury) ..	82	—	623	447	35	—	102	—	—	—	—	—	1,289
Tumours ..	—	—	—	50	83	—	41	—	—	—	—	—	174
Telangiectasis (Angioma) ..	—	1,284	—	—	—	—	—	—	—	—	—	—	1,284
Toxaemia ..	—	36	—	—	—	—	—	—	—	—	—	—	80
Miscellaneous ..	—	32	—	178	—	—	44	—	—	—	—	—	245
TOTALS	18,719	25,537	12,223	7,722	2,593	367	52,122	1,210	30	14,699	7,840	846	143,908
TOTALS for 1957 ..	28,603	18,135	15,805	10,017	2,506	874	36,756	2,521	60	13,164	5,040	7,890	141,371
" 1956 ..	25,908	15,645	12,307	9,878	1,973	805	33,611	2,224	—	12,117	88,144	2,948	205,560
" 1955 ..	21,253	17,968	17,207	11,325	2,327	1,048	31,229	2,202	72	16,533	6,837	4,549	132,550
" 1954 ..	30,248	21,017	26,350	15,497	8,116	1,714	51,976	2,283	789	18,101	—	2,152	178,943

**Summary.**

Year	Total No. of Animals Slaughtered	No. sound & Unaffected by Diseases or Conditions	%	No. Affected by Tuberculosis	%	No. Affected by other Diseases or Condition	%
1954	70,304	60,663	86.28	2,375	3.37	7,266	10.33
1955	47,916	40,892	85.34	1,633	3.40	5,391	11.25
1956	47,670	40,400	84.74	1,540	3.23	5,730	12.02
1957	46,444	37,905	81.61	1,632	3.51	6,907	14.88
1958	44,915	34,646	77.14	1,487	3.31	8,782	19.55

**Particulars of Surrenders and Seizures of Unsound Animals and Meat.**

Number of Voluntary Surrenders of diseased carcasses or part carcasses or internal organs.

Number of Seizures (with subsequent destruction) of diseased carcasses or part carcasses or internal organs.

Year	Tuberculosis	Other Conditions	Tuberculosis	Other Conditions	Totals
1954	2,375	7,266	—	—	9,641
1955	1,633	5,391	—	—	7,024
1956	1,540	5,729	—	1	7,270
1957	1,632	6,907	—	—	8,539
1958	1,487	8,782	—	—	10,269

Year	Whole Carcasses affected	Part Carcasses affected	Organs only affected
1954	346	897	8,398
1955	157	722	6,145
1956	138	705	6,427
1957	151	862	7,526
1958	149	936	9,184

Below is a list of food found to be unsound and unfit for human consumption. All were surrendered and destroyed. :—

Species	Affected with Tuberculosis		Affected with Other Diseases or Conditions		Total	
	No.	lbs.	No.	lbs.	No.	lbs.
Beasts .. ..	21	10,595	29	11,396	50	21,991
Pigs .. ..	—	—	28	3,714	28	3,714
Sheep & Lambs .. ..	—	—	65	2,318	65	2,318
Calves .. ..	—	—	6	367	6	367
Beef .. ..	—	5,725	—	3,226	—	8,951
Pork .. ..	—	2,925	—	1,083	—	4,008
Mutton .. ..	—	—	—	275	—	275
Offal .. ..	—	23,918	—	53,741	—	77,659
Fish .. ..	—	—	—	1,210	—	1,210
Rabbits .. ..	—	—	—	30	—	30
Tinned Goods .. ..	—	—	9,597	14,699	9,597	14,699
Vegetables .. ..	—	—	—	7,840	—	7,840
Miscellaneous .. ..	—	—	—	846	—	846
<b>Totals .. ..</b>		<b>43,163</b>		<b>100,745</b>		<b>143,908</b>
		(19.27 Tons)		(44.97 Tons)		(64.24 Tons)

**Summary of Condemnations during last 5 years.**

Year	Total	Condemned Lbs.	Butchers' Meat Lbs.	Butchers' Meat affected by Tuberculosis Lbs.
1954		178,943	156,407	73,054
1955		132,550	102,357	49,676
1956		205,560	100,127	46,012
1957		141,371	112,696	51,113
1958		143,908	119,283	43,163

During the past five years, the incidence of Tuberculosis in animals slaughtered for human consumption was as follows :—

Year	Number of Animals Slaughtered	Number	Percentage
1954	70,304	2,375	3.37
1955	47,916	1,633	3.40
1956	47,670	1,540	3.23
1957	46,444	1,632	3.51
1958	44,915	1,487	3.31

**Cysticercus Bovis.**

A strict inspection was carried out in 1958 in accordance with the Ministry's instructions, with the result that the number of cases of minor infestation of *Cysticercus Bovis* increased from 13 in 1956 to 133 in 1958.

19 Carcases were subjected to cold storage for 3 weeks in accordance with the Ministry's policy. After such period the carcases were released as being fit for human consumption.

**Disposal of Meat Unfit for Human Consumption.**

The whole of the unfit Meat and Offal from the Slaughterhouses was disposed of in accordance with the instructions contained in Circular MF/10/54 issued by the Ministry of Food. Prior to removal by an Animal Feeding Stuffs Processor the whole of the condemned Meat and Offal was thoroughly stained with green dye.

**ADULTERATION OF FOODSTUFFS.****Public Health (Preservatives, etc., in Food) Regulations, 1925-53.**

During the year, 72 samples were analysed for the presence of preservatives, all being declared genuine.

**Chemical Analysis of Food and Drugs.**

419 Informal and 9 Formal samples were procured during the year. 252 of these samples were submitted to the Public Analyst as follows :—

					Informal	Formal
Almond Flavour	..	..	..	..	2	—
Apple Jelly	..	..	..	..	1	—
Aspirin	..	..	..	..	1	—
Bacon	..	..	..	..	12	—
Baking Powder	..	..	..	..	2	—
Butter	..	..	..	..	14	—
Buttered Cheese Spread		..	..		1	—
Camphorated Oil	..	..	..		1	—
Castor Oil	..	..	..	..	1	—
Cheese	..	..	..	..	14	—
Christmas Pudding	..	..	..		2	—
Coconut (Desiccated)	..	..	..		1	—
Coffee	..	..	..	..	1	—
Coffee and Chicory Essence		..	..		1	—
Cooking Fat	..	..	..	..	2	—
Currants	..	..	..	..	3	—
Custard Powder	..	..	..	..	1	—
Epsom Salts	..	..	..	..	1	—
Fish Cakes	..	..	..	..	—	6
Fish Paste	..	..	..	..	2	—
Fruit Chutney	..	..	..	..	1	—
Glacè Cherries	..	..	..	..	2	—
Glycerine	..	..	..	..	1	—
Ground Almonds	..	..	..	..	2	—
Ice Cream	..	..	..	..	71	—
Icing Sugar	..	..	..	..	2	—
Indian Brandee	..	..	..	..	1	—
Jam	..	..	..	..	9	—
Lard	..	..	..	..	11	—
Lemon Cheese	..	..	..	..	1	—
Margarine	..	..	..	..	13	—
Marmalade	..	..	..	..	1	—
Marzipan	..	..	..	..	1	—
Marzipan Substitute	..	..	..	..	1	—
Meat Paste	..	..	..	..	4	—
Milk	..	..	..	..	—	3
Mincemeat	..	..	..	..	1	—
Mixed Fruit	..	..	..	..	1	—
Nutmeg (Ground)	..	..	..	..	1	—

					Informal	Formal
Peanut Butter	..	..	..	..	1	—
Peel (mixed)	..	..	..	..	2	—
Pepper (White)	..	..	..	..	3	—
Raisins	..	..	..	..	1	—
Sage and Onion Stuffing			..	..	1	—
Sauce	..	..	..	..	5	—
Spread (Orange)		..	..	..	1	—
Sugar	..	..	..	..	12	—
Sultanas	..	..	..	..	1	—
Syrup of Figs	..	..	..	..	1	—
Table Jelly	..	..	..	..	4	—
Tea	..	..	..	..	19	—
Tomato Ketchup		..	..	..	2	—
Vinegar (Malt)	..	..	..	..	3	—
					<hr/> 243	<hr/> 9

Total :— 252

In addition to the above, 176 Informal Samples of Milk were tested in the Department.

Total Samples Procured	428
Informal	419
Formal	9

(In the case of all milk sampling, an Official sample is procured at the same time as the Informal sample referred to above. Should the Informal sample prove to be "Non-Genuine" when tested in the Department, the Official sample is immediately sent to the Public Analyst).

422 Samples were returned Genuine ; 3 Non-Genuine, and 3 of Inferior Quality—the latter 6 by the Public Analyst.

**Action taken Regarding 3 Non-Genuine and 3 Inferior Samples.  
Reported by Public Analyst.**

Case No.	Concerning	Offence	Samples	Action Taken
<b>Non-Genuine Samples</b>				
1.	Fish Cakes	23% deficient in fish content	1 Formal	See Magisterial Proceedings No. 20, Page 112.
2.	Fish Cakes	26% deficient in fish content	1 Formal	See Magisterial Proceedings No. 21, Page 112.
3.	Ice-Cream	5.3% deficient in non-fatty solids	1 Informal	Vendor warned and advised to add milk powder to increase non-fatty solids. Follow-up sample "Genuine".
<b>Inferior Samples</b>				
1.	Milk	2.1% naturally deficient in non-fatty solids	1 Formal	No action taken in view of Public Analyst's Report.
2.	Milk	2% naturally deficient in non-fatty solids	1 Formal	No action taken in view of Public Analyst's Report.
3.	Milk	3% naturally deficient in non-fatty solids	1 Formal	No action taken in view of Public Analyst's Report.

**Summary of Food and Drugs Samples Taken over  
Last 5 Years.**

Year	Total Taken	Formal	Informal	Genuine	Non-Genuine
1954	428	67	361	416	12
1955	484	42	442	459	25
1956	426	15	411	411	15
1957	465	34	431	451	14
					(including 3 inferior quality)
1958	428	9	419	422	6
					(including 3 inferior quality)

**Margarine.**

Number of Manufacturers	..	..	..	—
Number of Wholesale Dealers	..	..	..	18
Number of Premises Registered	..	..	..	18

**Butter.**

There are 3 factories registered for the manufacture of butter.

**Public Houses and Hotels.**

Number Registered	..	..	..	..	91
Number of Inspections	..	..	..	..	31

**Snack Bars.**

Number Registered	..	..	..	..	26
Number of Inspections	..	..	..	..	141

**Cafes.**

Number Registered	..	..	..	..	30
Number of Inspections	..	..	..	..	165

All Snack Bars and Cafes have been regularly inspected and the proprietors when requested to carry out improvements have co-operated.

**Fish Friers.**

Number on Register	..	..	..	..	109
Number of Inspections made	..	..	..	..	219
Number of letters sent re minor contraventions, alterations to premises, etc.	..	..	..	..	44

This trade is now registered under Section 16, Food and Drugs Act, 1955.

**Hotel Kitchens.**

Number Registered	..	..	..	..	10
Number of Inspections	..	..	..	..	12

**Food Hygiene**

There are 346 General Dealers' Premises in the Borough, and 2,096 inspections have been made during the year concerning these premises ; this is apart from inspections of food premises already reported under other various sections.

With reference to the Ministry of Health Circular 22/58, it should be stated that in the majority of cases a ready response has been made by proprietors of food shops generally, to comply with the requirements of the Food Hygiene Regulations, 1955, and the position is kept under constant review.

Legal Proceedings were, however, instituted against 1 General Dealer.

The aspect of the Food Hygiene Regulations which causes the most concern is the handling of cooked meats, and great care has been taken to endeavour to get Dealers to handle this commodity with the utmost consideration.

Greater supervision has been given during the year to the control of Mobile Food Shops which have greatly increased in number, and are trading in the main on the extensive housing estates in the Borough.

Legal Proceedings are only resorted to after all other approaches have failed to obtain the desired results. In 6 cases it was necessary to institute Legal Proceedings concerning 11 charges, and convictions were obtained in every case. Careful supervision of this kind of trading will continue to be given.

It was also necessary to institute Legal Proceedings against 5 "Barrow Boys", concerning 7 charges—all proved, and careful supervision of this form of trading is also being given.

Legal Proceedings were also instituted concerning 3 meat handlers who were not wearing washable head covers when carrying meat into shops.

Full details concerning all Legal Proceedings referred to above will be found on Pages 112, 113, 114, 115, Reference Numbers 1, 6, 7, 8, 12, 13, 15, 16, 17, 18, 23, 24, 25, 26, 27.

### **School Kitchens and Dining Halls.**

Number of School Kitchens	..	..	..	23
Number of Dining Halls	..	..	..	67
Inspections made	..	..	..	6

These premises being maintained very satisfactorily, and being constantly supervised by the School Meals Service staff, it has not been found necessary to pay more than nominal inspections during the year.

### **Works Canteens.**

Number Recorded	..	..	..	23
Number of Visits	..	..	..	23

An inspection of each canteen has been carried out, and a report submitted of any work required. The canteens on the whole are maintained in a satisfactory condition. Many are controlled by Industrial Catering Establishments. There have been instances however, during the year, when strong action had to be taken to bring the canteens up to the desired standard.

## MAGISTERIAL PROCEEDINGS.

No. of Case.	COMPLAINT.	RESULT.
1.	Contravening Food Hygiene Regulations, 1955 ; Regulations 28(1) and 32(2) : " Failing to provide an adequate supply of clean and wholesome water on Mobile Shop ".	Fined £1 0s. 0d.
2.	Contravening Food Standards (Fish Cakes) Order, 1950 : " Selling Fish Cakes deficient in Fish to the extent of 40.0% ".	Fined £5 0s. 0d. and costs (£3 0s. 6d.)
3.	Contravening Food Standards (Fish Cakes) Order, 1950 : (i) " Selling Fish Cakes deficient in Fish to the extent of 6.0% " . (ii) do.	(i) Fined £1 0s. 0d. and costs (£1 10s. 3d.) (ii) Fined £1 0s. 0d. and costs (£1 10s. 3d.)
4.	Contravening Food Standards (Fish Cakes) Order, 1950 : " Selling Fish Cakes deficient in Fish to the extent of 23.0% ".	Fined £3 0s. 0d. and costs (£3 0s. 06d.)
5.	Failing to comply with Public Health Act notice to abate nuisance.	Case withdrawn, work having been satisfactorily completed.
6.	Contravening Food Hygiene Regulations, 1955 ; Regulations 30 and 32(3) : " Failing to wear clean and washable head covering so as to provide adequate protection of food (i.e. Meat) from risk of contamination ".	Fined £1 0s. 0d.
7.	do.	Fined £1 0s. 0d.
8.	do.	Fined £1 0s. 0d.
9.	Contravening Food and Drugs Act, 1955 ; Section 2 : " Selling an Ice-cream sandwich containing a piece of glass ".	Fined £2 0s. 0d.
10.	Contravening Food and Drugs Act, 1955 ; Section 2 : " Selling a Scone containing a piece of metal ".	Case dismissed.
11.	Contravening Food and Drugs Act, 1955 ; Section 2 : " Selling a bottle of Milk containing fragments of glass ".	Fined £5 0s. 0d.
12.	Contravening Food Hygiene Regulations, 1955 ; Regulation 26(1)(a) : " Name and address not exhibited on stall ".	Fined 10s. 0d.

- |  |   |  |
|--|---|--|
| 13. Contravening Food Hygiene Regulations, 1955 ; Regulation 9(e) : " Smoking a Cigarette while in a room in which there was open food ".  | } | Defendant found guilty ; granted absolute discharge on payment of costs (4s. 0d.)                          |
| 14. Contravening Byelaw No. 24 relating to " Good Rule and Government " : " Conveying offensive matter by motor vehicle without proper cover."   | } | Fined £2 0s. 0d.   |
| 15. Contravening Food Hygiene Regulations, 1955 ;<br>(i) Regulation 26(1)(a): "Name and address not exhibited on Motor Sales Vehicle".<br>(ii) Regulation 28(1)(a) :<br>" Failing to provide an adequate supply of hot water at a suitably controlled temperature on Motor Sales Vehicle ".  | } | (i) Fined 10s. 0d.<br><br>(ii) Fined £1 0s. 0d.  |
| 16. Contravening Food Hygiene Regulations, 1955 :<br>(i) Regulation 6(1) : " Failing to keep clean an article (i.e. a Dish) with which food was liable to come into contact in the course of a food business".<br>(ii) Regulation 26(1)(a): "Name and Address not exhibited on Motor Sales Vehicle".<br>(iii) Regulation 28(1)(a) :<br>" Failing to provide an adequate supply of hot water at a suitably controlled temperature on Motor Sales Vehicle".<br>(iv) Regulation 28(1)(b) :<br>" Failing to provide an adequate supply of soap on Motor Sales Vehicle ". | } | (i) Fined £1 0s. 0d.<br><br>(ii) Fined 15s. 0d.<br><br>(iii) Fined £1 0s. 0d.<br><br>(iv) Fined £1 0s. 0d. |
| 17. Contravening Food Hygiene Regulations, 1955; Regulation 28(1)(a) : " Failing to provide an adequate supply of hot water at a suitable controlled temperature on Motor Sales Vehicle ".   | } | Fined £1 0s. 0d.   |
| 18. Contravening Food Hygiene Regulations, 1955 :<br>(i) Regulation 28(1)(a) :<br>" Failing to provide an adequate supply of hot water at a suitably controlled temperature on Motor Sales Vehicle".<br>(ii) do.   | } | (i) Fined £1 10s. 0d.<br><br>Case withdrawn.   |

- |  |   |   |
|--|---|---|
| 19. Contravening Food and Drugs Act, 1955 ; Section 2 : "Selling Brawn containing an Insect".  | } | Defendants pleaded guilty ; granted an absolute discharge on payment of costs (4s. 0d.)   |
| 20. Contravening Food Standards (Fish Cakes) Order, 1950 : "Selling Fish Cakes deficient in Fish to the extent of 23.0%".                    | } | Fined £3 0s. 0d. and costs (£3 4s. 6d.)   |
| 21. Contravening Food Standards (Fish Cakes) Order, 1950 : "Selling Fish Cakes deficient in Fish to the extent of 26.0%".                    | } | Defendant pleaded guilty ; granted an absolute discharge on payment of costs (£3 4s. 6d.) |
| 22. Contravening Food and Drugs Act, 1955 ; Section 6(1) : "Selling Meat falsely labelled".  | } | Fined £10 0s. 0d.   |
| 23. Contravening Food Hygiene Regulations, 1955 :  |   |   |
| (i) Regulation 26(1)(a) : "Name and address not exhibited on Motor Sales Vehicle".   | } | (i) Fined £1 0s. 0d.  |
| (ii) Regulation 28(1)(a) : "Failing to provide an adequate supply of hot water at a suitably controlled temperature on Motor Sales Vehicle". | } | (ii) Fined £2 0s. 0d.   |
| 24. Contravening Food Hygiene Regulations, 1955 ; Regulation 26(1)(a) : "Name and address not exhibited on Street Trading Barrow".           | } | Fined £2 0s. 0d.  |
| 25. Contravening Food Hygiene Regulations, 1955 :  |   |   |
| (i) Regulations 8(a) and 32(3) : "Failing to provide adequate protection of food against risk of contamination."                             | } | (i) Fined £10 0s. 0d.   |
| (ii) Regulation 26(1)(a) : "Name and address not exhibited on Street Trading Barrow".  | } | (ii) Fined £1 0s. 0d.   |
| 26. Contravening Food Hygiene Regulations, 1955 :  |   |   |
| (i) Regulations 8(a) and 32(3) : "Failing to provide adequate protection of food against risk of contamination."                             | } | (i) Fined £10 0s. 0d.   |
| (ii) Regulation 26(1)(a) : "Name and address not exhibited on Street Trading Stall."   | } | (ii) Fined £1 0s. 0d.   |
| 27. Contravening Food Hygiene Regulations, 1955 ; Regulation 26(1)(a) : "Name and address not exhibited on Street Trading Barrow".           | } | Fined £1 0s. 0d.  |

- |  |   |  |
|--|---|--|
| 28. Contravening Food and Drugs Act, 1955 ; Section 2 : " Selling a Chocolate Roll which was covered with mould "  | } | Fined £3 0s. 0d.                             |
| 29. Contravening Public Health Act, 1936 ; Section 154 : " Giving a Balloon to a person under the age of 14 years in exchange for Rags "                           | } | Fined £5 0s. 0d.                             |
| 30. Contravening Shops Act, 1950 ; Section 47 (Sunday Trading)   | } | Fined £1 0s. 0d.                             |
| 31. Contravening Shops Act, 1950 ;<br>(i) Section 32(1) : " Failing to keep a record of hours worked by a young person employed about the business of a shop "     | } | (i) Fined £1 0s. 0d.                         |
| (ii) Section 32(3) : " Failing to exhibit a notice stating the number of hours during which young persons may be employed about the business of a shop "           |   | (ii) Fined £1 0s. 0d.                        |
| (iii) Section 17 : " Employing a shop assistant about the business of a shop after 1-30 p.m. on every afternoon on a week.   |   | (iii) Fined £1 0s. 0d.                       |
| 32. Failing to comply with Public Health Act notice to abate nuisances.  | } | Ordered to carry out work within 21 days.    |
| 33. Contravening Middlesbrough Corporation Act, 1933 ; Section 247 : " Keeping a Caravan on land within the Borough without previous approval of the Corporation " | } | Case withdrawn, caravan having been removed. |
| 34. do.  |   | Fined £2 0s. 0d.                             |



# STATISTICAL TABLES





TABLE I

## ABSTRACT OF HEALTH REPORTS

\* Deaths classified in accordance with the International Statistical Classification of Diseases, Injuries and Causes of Death, 1948.



TABLE II.

## NOTIFICATIONS OF INFECTIOUS DISEASES IN 1958, ARRANGED ACCORDING TO AGE GROUPS.

Notifiable Disease	At All Ages		Number of Cases Notified															
			0—		1—		3—		5—		10—		15—		25—		45—	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Food Poisoning .. .. .	7	4	—	1	2	1	—	—	1	—	—	—	—	—	2	1	2	1
Diphtheria .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlatina .. .. .	173	166	2	14	23	63	58	80	87	8	2	8	1	—	—	—	—	—
Measles (excluding Rubella) ..	716	599	60	183	230	202	227	162	190	3	7	3	2	1	—	—	—	—
Whooping Cough .. .. .	29	36	8	11	6	9	6	11	7	1	1	1	—	—	1	—	—	—
Chicken-Pox .. .. .	417	418	14	70	65	102	95	194	216	24	23	24	1	6	3	—	—	—
Enteric Fever (Paratyphoid B.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis .. .. .	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non Paralytic .. .. .	5	6	1	1	—	1	—	1	2	2	1	2	1	1	—	—	—	—
Dysentery .. .. .	190	211	17	56	44	43	41	32	41	17	12	12	3	35	15	12	14	14
Puerperal Pyrexia .. .. .	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum ..	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections ..	5	5	3	2	2	—	—	2	—	—	—	—	—	—	—	—	—	—
Erysipelas .. .. .	6	6	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Primary Pneumonia ..	43	38	4	4	3	—	3	5	3	1	2	1	3	2	3	2	4	4
Influenzal Pneumonia .. ..	8	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis ..	95	32	—	1	4	1	1	3	2	1	2	5	10	6	33	11	43	20
Other Tuberculosis .. .. .	5	6	—	1	2	—	—	—	2	2	2	—	—	—	2	—	1	4
Encephalitis .. .. .	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total .. .. .	1703	1551	113	83	381	346	431	420	549	491	56	57	20	39	69	69	83	47

TABLE III.

**Annual Return of Food Poisoning Notifications (Corrected).**

1. LOCAL AUTHORITY : Middlesbrough County Borough,  
Year : 1958.

2. (a) FOOD POISONING NOTIFICATIONS (CORRECTED) AS RETURNED  
TO REGISTRAR GENERAL.

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
2	2	5	2	11

(b) CASES OTHERWISE ASCERTAINED—Nil.

(c) FATAL CASES—Nil.

3. PARTICULARS OF OUTBREAKS Nil.

4. SINGLE CASES.

	No. of Cases		Total No. of Cases
	Notified	Otherwise Ascertained	
Agent identified ..	8	—	8
Agent not identified ..	3	—	3

(b) Salmonella Typhi Murium .. 7

Salmonella Derby .. .. 1

5. SALMONELLA INFECTIONS, NOT FOOD-BORNE .. Nil.

Deaths Registered in the Borough during 1958, Classified according to ages.

CAUSE OF DEATH		AGES AT DEATH															Deaths in Public Institutions
		At all ages	under one year	1 and under 2 yrs.	2 and under 3 yrs.	3 and under 4 yrs.	4 and under 5 yrs.	5 and under 10 yrs.	10 and under 15 yrs.	15 and under 20 yrs.	20 and under 25 yrs.	25 and under 35 yrs.	35 and under 45 yrs.	45 and under 55 yrs.	55 and under 65 yrs.	65 yrs. and over	
All Causes	Certified .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Uncertified .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis Resp. .. .. .	M. 10 F. 3	13	—	—	—	—	—	—	—	—	1	1	—	2	7	2	6
"    Other .. .. .	1 1	2	—	—	—	—	—	—	1	—	—	—	1	—	—	—	2
Syphilitic Disease .. .. .	6	6	—	—	—	—	—	—	—	—	—	—	—	—	2	4	3
Diphtheria .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infections .. .. .	1 1	2	—	1	—	—	—	—	—	—	—	—	—	—	—	1	2
Acute Poliomyelitis .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Infective and Parasitic Diseases .. .. .	1 —	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Malignant Neoplasm .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	5	6	5	36	26
"    Stomach .. .. .	22 30	52	—	—	—	—	—	—	—	—	—	—	2	12	19	27	16
"    Lung, Bronchus. .. .. .	54 6	60	—	—	—	—	—	—	—	—	—	—	—	4	5	8	8
"    Breast .. .. .	— 17	17	—	—	—	—	—	—	—	—	—	—	—	—	3	4	—
"    Uterus .. .. .	— 7	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Malignant and Lymphatic Neoplasms .. .. .	77 64	141	1	—	—	—	—	—	—	—	—	6	6	20	24	84	67
Leukæmia .. .. .	6 4	10	1	—	—	—	—	—	—	1	—	1	1	1	4	2	9
Aleukæmia .. .. .	2 6	8	—	—	—	—	—	—	—	—	—	—	2	1	5	7	—
Diabetes .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vascular Lesions of Nervous System .. .. .	85 87	172	1	—	—	—	1	—	—	—	1	1	3	15	23	127	114
Coronary Disease .. .. .	105 57	162	—	—	—	—	—	—	—	—	—	1	6	16	43	96	51
Angina .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hypertension with Heart Disease .. .. .	11 18	29	—	—	—	—	—	—	—	—	—	—	2	3	6	18	7
Other Heart Disease .. .. .	112 162	274	—	—	—	—	—	—	—	1	1	3	8	12	30	219	147
Other Circulatory Disease .. .. .	141 149	290	—	—	—	—	—	—	—	—	1	1	1	13	29	245	93
Influenza .. .. .	3 2	5	—	—	—	—	—	—	—	—	—	—	—	2	1	1	4
Pneumonia .. .. .	62 43	105	9	1	1	—	—	—	—	—	—	3	1	10	19	61	69
Bronchitis .. .. .	68 22	90	—	—	—	—	—	—	—	—	—	—	7	5	29	49	40
Other Diseases of Respiratory System .. .. .	16 22	38	3	1	1	—	—	—	—	—	—	—	—	2	5	26	27
Ulcer of Stomach and Duodenum .. .. .	9 7	16	—	—	—	—	—	—	—	—	—	—	—	1	1	3	4
Gastritis, Enteritis and Diarrhœa .. .. .	5 3	8	3	—	—	—	—	—	1	—	—	—	5	3	—	8	16
Nephritis and Nephrosis .. .. .	10 8	18	—	—	—	—	—	—	—	—	—	1	—	—	—	15	13
Hyperplasia of Prostate .. .. .	15 —	15	—	—	—	—	—	—	—	1	—	—	—	—	—	—	5
Pregnancy, Childbirth, Abortion .. .. .	— 6	6	—	—	—	—	—	—	—	—	—	4	1	—	—	—	13
Congenital Malformations .. .. .	10 4	14	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Defined and Ill-defined Diseases .. .. .	105 93	198	101	1	1	—	—	2	—	3	—	3	4	14	17	52	157
Motor Vehicle Accidents .. .. .	19 3	22	—	—	1	—	—	2	—	2	4	2	2	4	1	4	16
All Other Accidents .. .. .	19 11	30	2	—	—	—	—	—	1	1	1	4	4	3	1	13	19
Suicide .. .. .	10 3	13	—	—	—	—	—	—	—	1	2	—	—	3	2	5	4
Homicide and Operations of War .. .. .	1 1	2	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—
Total .. .. .	986 840	1826	136	4	4	—	1	4	3	10	12	32	60	153	282	1125	961



## Deaths of Middlesbrough Residents Registered outside the Borough during 1958.

CAUSE OF DEATH							AGES AT DEATH														Deaths in Public Institutions
							At all ages	under one year	1 and under 2 yrs.	2 and under 3 yrs.	3 and under 4 yrs.	4 and under 5 yrs.	5 and under 10 yrs.	10 and under 15 yrs.	15 and under 20 yrs.	20 and under 25 yrs.	25 and under 35 yrs.	35 and under 45 yrs.	45 and under 55 yrs.	55 and under 65 yrs.	
All Causes	Certified	..	..	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—			
	Uncertified	..	..	..	..	..	—	—	—	—	—	—	—	—	—	—	—	—			
Tuberculosis Resp.	M.	F.	3	3	6	—	—	—	—	—	—	—	1	—	1	3	1	6			
Other	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Syphilitic Disease	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1			
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Meningococcal Infections	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Other Infective and Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Malignant Neoplasm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Stomach	1	5	6	—	—	—	—	—	—	—	—	—	—	2	1	3	5	—			
Lung, Bronchus.	10	3	13	—	—	—	—	—	—	—	—	—	2	2	3	6	13	—			
Breast	—	3	3	—	—	—	—	—	—	—	—	—	—	—	1	2	2	—			
Uterus	—	1	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—			
Other Malignant and Lymphatic Neoplasms	9	12	21	—	—	—	—	1	—	—	—	—	—	3	8	9	20	—			
Leukæmia	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—			
Aleukæmia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Diabetes	1	2	3	—	—	—	—	—	—	—	—	—	1	—	—	—	2	3			
Vascular Lesions of Nervous System	16	10	26	—	—	—	—	—	—	—	—	—	1	5	3	5	12	25			
Coronary Disease	12	3	15	—	—	—	—	—	—	—	—	—	—	1	2	4	8	8			
Angina	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Hypertension with Heart Disease	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1			
Other Heart Disease	10	7	17	—	—	—	—	—	—	—	—	—	—	—	1	5	11	14			
Other Circulatory Disease	7	15	22	—	—	—	—	—	—	—	—	—	—	1	2	6	13	18			
Influenza	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
Pneumonia	12	6	18	—	—	—	—	—	—	—	—	—	—	1	1	3	13	17			
Bronchitis	6	3	9	—	—	—	—	—	—	—	—	—	—	—	3	3	3	9			
Other Diseases of Respiratory System	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Ulcer of Stomach and Duodenum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Gastritis, Enteritis and Diarrhœa	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1			
Nephritis and Nephrosis	1	3	4	—	—	—	—	—	—	—	—	—	—	—	1	2	1	4			
Hyperplasia of Prostate	6	—	6	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6			
Pregnancy, Childbirth, Abortion	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Congenital Malformations	1	5	6	4	1	—	—	—	—	—	—	—	—	—	1	—	—	6			
Other Defined and Ill-defined Diseases	12	16	28	12	—	—	—	1	—	—	—	—	2	3	2	1	7	28			
Motor Vehicle Accidents	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1			
All Other Accidents	4	—	4	—	—	—	—	—	—	1	—	—	3	—	—	—	—	1			
Suicide	1	2	3	—	—	—	—	—	—	—	—	—	—	2	1	—	—	—			
Homicide and Operations of War	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Total	116	101	217	16	1	—	—	—	2	1	—	—	8	16	26	47	100	191			

TABLE V.

## INFANT MORTALITY — 1958.

Registered Deaths from stated causes at various ages under 1 year—

CAUSE OF DEATH	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total 0—4 weeks	4 weeks and under 3 months	3—6 months	6—9 months	9—12 months	Total
Chickenpox .. ..	—	—	—	—	—	—	—	—	—	—
Measles .. ..	—	—	—	—	—	—	—	—	—	—
Scarlet Fever .. ..	—	—	—	—	—	—	—	—	—	—
Whooping Cough .. ..	—	—	—	—	—	—	—	—	—	—
Diphtheria & Croup .. ..	—	—	—	—	—	—	—	—	—	—
Erysipelas .. ..	—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—
Abdominal	—	—	—	—	—	—	—	—	—	—
Tuberculosis .. ..	—	—	—	—	—	—	—	—	—	—
Other Tuberculosis .. ..	—	—	—	—	—	—	—	—	—	—
Meningitis .. ..	—	—	—	—	—	—	—	—	—	—
Convulsions .. ..	—	—	—	—	—	—	—	—	—	—
Laryngitis .. ..	—	—	—	—	—	—	—	—	—	—
Bronchitis .. ..	—	—	—	—	—	—	—	—	—	—
Pneumonia .. ..	—	—	—	—	—	2	2	1	—	5
Diarrhoea .. ..	—	—	—	—	—	—	—	—	—	—
Enteritis .. ..	—	—	—	—	—	1	—	1	1	3
Gastritis .. ..	—	—	—	—	—	—	—	—	—	—
Syphilis .. ..	—	—	—	—	—	—	—	—	—	—
Rickets .. ..	—	—	—	—	—	—	—	—	—	—
Suffocation/Overlying .. ..	1	—	—	—	1	2	—	—	—	3
Injury at Birth .. ..	9	1	—	—	10	—	—	—	—	10
Atelectasis .. ..	1	—	—	—	1	—	—	—	—	1
Congenital	—	—	—	—	—	—	—	—	—	—
Malformations .. ..	6	2	2	—	10	2	1	—	—	13
Premature Birth .. ..	26	3	—	—	29	1	—	—	—	30
Atrophy, Deb., etc. .. ..	—	—	—	—	—	—	—	—	—	—
Other Causes .. ..	8	5	—	1	14	4	5	1	1	25
Ill-defined .. ..	—	—	—	—	—	—	—	—	—	—
	51	11	2	1	65	12	8	3	2	90

TABLE VI.—PREMATURE BIRTHS.

## Return for year ended 31st December, 1958.

1. No. of premature live-births notified as [adjusted by transferred notifications].

(a) in hospital	..	..	..	..	154
(b) at home	..	..	..	..	138
(c) in private nursing homes	..	..	..	..	4
Total ..	..	..	..	..	296

Weight at Birth  (1)	PREMATURE LIVE BIRTHS											
	Born in Hospital			Born at home and nursed entirely at home			Born at home and transferred to hospital on or before 28th day			Born in nursing home and nursed entirely there		
	Total (2)	Died within 24 hrs. of birth (3)	Sur- vived 28 days (4)	Total (5)	Died within 24 hrs. of birth (6)	Sur- vived 28 days (7)	Total (8)	Died within 24 hrs. of birth (9)	Sur- vived 28 days (10)	Total (11)	Died within 24 hrs. of birth (12)	Sur- vived 28 days (13)
3 lb. 4 oz. or less (1,500 gms. or less)	23	12	9	2	1	1	5	1	2	—	—	—
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz. (1,500-2,000 gms.)	29	1	25	10	2	8	12	—	10	—	—	—
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz. (2,000-2,250 gms.)	40	3	37	16	—	16	5	—	5	1	—	1
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz. (2,250-2,500 gms.)	62	—	60	85	—	85	3	—	3	3	—	3
Total ..	154	16	131	113	3	110	25	1	20	4	—	4

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TABLE VII.

## Public Health (Tuberculosis) Regulations, 1952.

PART I.—Summary of notifications of Tuberculosis during the period from the 1st January, 1958 to the 31st December, 1958, in the County Borough.

Age Periods	Formal Notifications.													
	Number of Primary Notifications of new cases of tuberculosis													
	0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total (all ages)
Respiratory, Males .. ..	-	1	5	2	2	7	3	15	16	13	20	4	2	90
Respiratory, Females ..	1	2	-	3	5	3	3	6	5	1	2	-	-	31
Non-Respiratory, Males ..	-	1	-	-	-	-	-	3	-	-	1	-	-	5
Non-Respiratory, Females	1	-	1	1	-	-	-	-	-	1	1	-	1	6

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

Source of Information		Number of cases in age Groups													
		0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total
Death Returns from Local Registrars	Respiratory M	-	-	-	-	-	-	-	-	-	1	1	-	1	3 (A)
	Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	-	(B)
	Non-Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	(C)
	Non-Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	1	1 (D)
Death Returns from Registrar General (Transferable deaths)	Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	(A)
	Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	-	(B)
	Non-Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	(C)
	Non-Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	-	(D)
Posthumous Notifications	Respiratory M	-	-	-	-	-	-	-	-	-	1	1	-	-	2 (A)
	Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	-	(B)
	Non-Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	(C)
	Non-Respiratory F	-	-	-	-	-	-	-	-	-	-	-	-	-	(D)
TOTALS														(A)	5
														(B)	-
														(C)	-
														(D)	1

TABLE VIII.

**Cancer.**  
**DEATH RATES PER 1,000.**

Year	Middlesbrough			England & Wales
1941	..	..	1.74	1.78
1942	..	..	1.75	1.83
1943	..	..	1.86	1.98
1944	..	..	1.49	1.89
1945	..	..	1.68	1.94
1946	..	..	1.86	1.84
1947	..	..	1.92	1.85
1948	..	..	1.61	1.85
1949	..	..	1.71	1.87
1950	..	..	2.06	1.89
1951	..	..	1.67	1.96
1952	..	..	1.66	1.67
1953	..	..	1.91	1.99
1954	..	..	1.69	2.03
1955	..	..	1.72	2.05
1956	..	..	1.95	2.07
1957	..	..	1.78	2.09
1958	..	..	1.91	2.14

TABLE IX.

**Deaths from Cancer.****AGE DISTRIBUTION.**

Ages			Male	Female	Total
1 to 5 years	..	..	—	1	1
5 to 45 years	..	..	15	3	18
45 to 65 years	..	..	60	52	112
65 and over	..	..	88	72	160
Total	..	..	163	128	291

## COMPARATIVE STATISTICS FOR 1938—1958.

TABLE X.

YEAR	EST. Population	LIVE BIRTHS		STILL BIRTHS		DEATHS		INFANT DEATHS			MATERNAL DEATHS				
		Number	Rate per 1,000 Est. pop'n	Number	Rate per 1,000 Total Births	Number	Rate per 1,000 Est. Pop'n	Under 4 Weeks	4 Weeks 12 Months	TOTAL	Rate per 1,000 Live Births	Number			Rate per 1,000 Total Births
												Sepsis	Other	Total	
1938	139,800	2,765	19.80	109	37.90	1,721	12.31	115	85	200	72	6	6	12	4.20
1939	139,900	2,583	18.50	134	49.30	1,828	13.06	75	119	194	75	4	8	12	4.40
1940	129,800	2,679	20.60	129	46.10	1,956	15.10	95	97	192	72	1	8	9	3.20
1941	126,100	2,642	20.90	95	35.20	1,896	15.00	65	134	199	75	—	5	5	1.80
1942	123,900	2,468	19.92	113	20.83	1,768	14.26	138	57	195	79	—	4	4	1.55
1943	122,400	2,538	20.73	79	21.38	1,724	14.08	83	83	166	65	—	8	8	2.67
1944	126,920	2,867	22.58	107	22.43	1,656	13.04	114	75	189	65	4	8	12	4.03
1945	128,620	2,691	20.92	95	34.10	1,634	12.70	130	85	215	80	1	5	6	2.22
1946	137,730	3,398	24.67	111	31.34	1,701	12.35	142	50	192	56	—	5	5	1.40
1947	140,460	3,631	25.85	111	29.40	1,793	12.77	117	115	232	64	—	3	3	0.55
1948	143,400	3,321	23.16	81	23.81	1,640	11.44	75	84	159	48	—	3	3	0.88
1949	145,050	3,077	21.21	62	19.75	1,752	12.08	93	64	157	51	—	2	2	0.64
1950	145,500	3,121	21.45	88	28.20	1,782	12.25	62	111	173	55	—	2	2	0.64
1951	146,600	3,073	20.95	71	22.58	1,723	11.75	61	48	109	35	—	2	2	0.64
1952	147,200	3,098	21.05	70	22.10	1,591	10.81	52	50	102	33	1	1	2	0.63
1953	147,900	3,165	21.40	84	25.85	1,714	11.59	62	53	115	36	—	2	2	0.62
1954	148,100	3,038	20.51	76	24.40	1,643	11.09	68	36	104	34	—	2	2	0.65
1955	148,700	3,085	20.74	99	32.09	1,707	11.47	62	41	103	33	—	1	1	0.32
1956	149,900	3,314	22.1	89	26.51	1,706	11.3	62	40	102	31	—	2	2	0.60
1957	151,000	3,481	23.05	99	28.44	1,723	11.4	88	38	126	36	1	3	4	1.14
1958	152,500	3,710	24.33	88	23.18	1,692	11.1	65	25	90	24	—	4	4	1.07

TABLE XI.

## MENTAL DEFICIENCY ACTS, 1913—1938.

	Under age 16		Age 16 and over	
	M.	F.	M.	F.
1. Particulars of cases reported during 1958 :				
(a) Cases ascertained to be defectives "subject to be dealt with" :				
Number in which action taken on reports by :				
(1) Local Education Authorities on children :				
(i) While at school or liable to attend school	3	3	.....	.....
(ii) On leaving special schools .. ..	.....	.....	3	2
(iii) On leaving ordinary schools .. ..	.....	.....	.....	.....
(2) Police or by Courts .. ..	.....	.....	1	.....
(3) Other sources .. ..	5	6	1	5
TOTAL of 1 (a) .. ..	8	9	5	7
(b) Cases reported who were found to be defectives but were not regarded as "subject to be dealt with" on any ground .. ..	.....	.....	.....	2
(c) Cases reported who were not regarded as defectives and are thus excluded from (a) or (b) .. ..	.....	.....	.....	.....
(d) Cases reported in which action was incomplete at 31st December, 1958, and are thus excluded from (a) or (b) .. ..	.....	.....	.....	.....
TOTAL of 1 (a)–(d) inc. ..	8	9	5	9
2. Disposal of cases reported during 1958 :				
(The total of 2 (a), (b) and (c) must agree with that of 1 (a) and (b) above) ..				
(a) Of the cases ascertained to be defectives "subject to be dealt with" (i.e. at 1 (a) ), number :				
(i) Placed under Statutory Supervision .. ..	6	8	5	6
(ii) Placed under Guardianship .. ..	.....	.....	.....	.....
(iii) Taken to "Places of Safety" .. ..	.....	.....	.....	.....
(iv) Admitted to Hospitals .. ..	1	1	.....	1
TOTAL of 2 (a) .. ..	7	9	5	7
(b) Of the cases not ascertained to be defectives "subject to be dealt with" (i.e. at 1 (b) ), number :				
(i) Placed under Voluntary Supervision .. ..	.....	.....	.....	2
(ii) Action unnecessary .. ..	.....	.....	.....	.....
TOTAL of 2 (b) .. ..	.....	.....	.....	2
(c) Cases reported at 1 (a) or (b) above who removed from the area or died before disposal was arranged .. ..	1	.....	.....	.....
TOTAL of 2 (a)–(c) inc. ..	8	9	5	9
3. Number of mental defectives for whom care was arranged by the local health authority under Circular 5/52 during 1958 and admitted to :				
(a) National Health Service hospitals .. ..	3	5	.....	4
(b) Elsewhere .. ..	.....	.....	.....	.....
TOTAL .. ..	3	5	.....	4

	Under age 16		Aged 16 and over	
	M.	F.	M.	F.
4. Total cases on Authority's Registers at 31/12/58 :				
(i) Under Statutory Supervision .. .. .	47	24	70	54
(ii) Under Guardianship (inc. patients on licence) ..	.....	.....	.....	.....
(iii) In " Places of Safety " .. .. .	.....	.....	.....	.....
(iv) In Hospitals (inc. patients on licence) .. ..	24	17	119	82
TOTAL of 4 (i)-(iv) inc. ..	71	41	189	136
(v) Under Voluntary Supervision .. .. .	6	17	44	74
TOTAL of 4 (i)-(v) inc. ..	77	58	233	210
5. Number of defectives under Guardianship on 31st December 1958, who were dealt with under the provisions of Section 8 or 9, Mental Deficiency Act, 1913 (included in 4 (ii) ) .. .. .	.....	.....	.....	.....
6. Classification of defectives in the Community on 31/12/58 (according to need at that date) :				
(a) Cases included in 4 (i)-(iii) in need of hospital care and reported accordingly to the hospital authority :				
(1) In urgent need of hospital care :				
(i) " cot and chair " cases .. .. .	3	2	.....	.....
(ii) ambulant low-grade cases .. .. .	2	.....	.....	.....
(iii) medium-grade cases .. .. .	1	.....	.....	1
(iv) high-grade cases .. .. .	.....	.....	.....	2
TOTAL urgent cases ..	6	2	.....	3
(2) Not in urgent need of hospital care :				
(i) " cot and chair " cases .. .. .	4	.....	2	.....
(ii) ambulant low-grade cases .. .. .	11	2	.....	1
(iii) medium-grade cases .. .. .	3	.....	5	6
(iv) high-grade cases .. .. .	.....	.....	3	2
TOTAL non-urgent cases ..	18	2	10	9
TOTAL of URGENT and NON-URGENT CASES .. .. .	24	4	10	12
(b) Of the cases included in items 4 (i), (ii) and (v), number considered suitable for :				
(i) occupation centre .. .. .	26	16	3	3
(ii) industrial centre .. .. .	.....	.....	13	11
(iii) home training .. .. .	.....	.....	.....	.....
TOTAL of 6 (b) ..	26	16	16	14
(c) Of the cases included in 6 (b) number receiving training on 31/12/58 :				
(i) In occupation centre (inc. voluntary centres)	26	16	3	3
(ii) In industrial centre .. .. .	.....	.....	13	11
(iii) From a home teacher in groups .. .. .	.....	.....	.....	.....
(iv) From a home teacher at home (not in groups)	.....	.....	.....	.....
TOTAL of 6 (c) .. .. .	26	16	16	14