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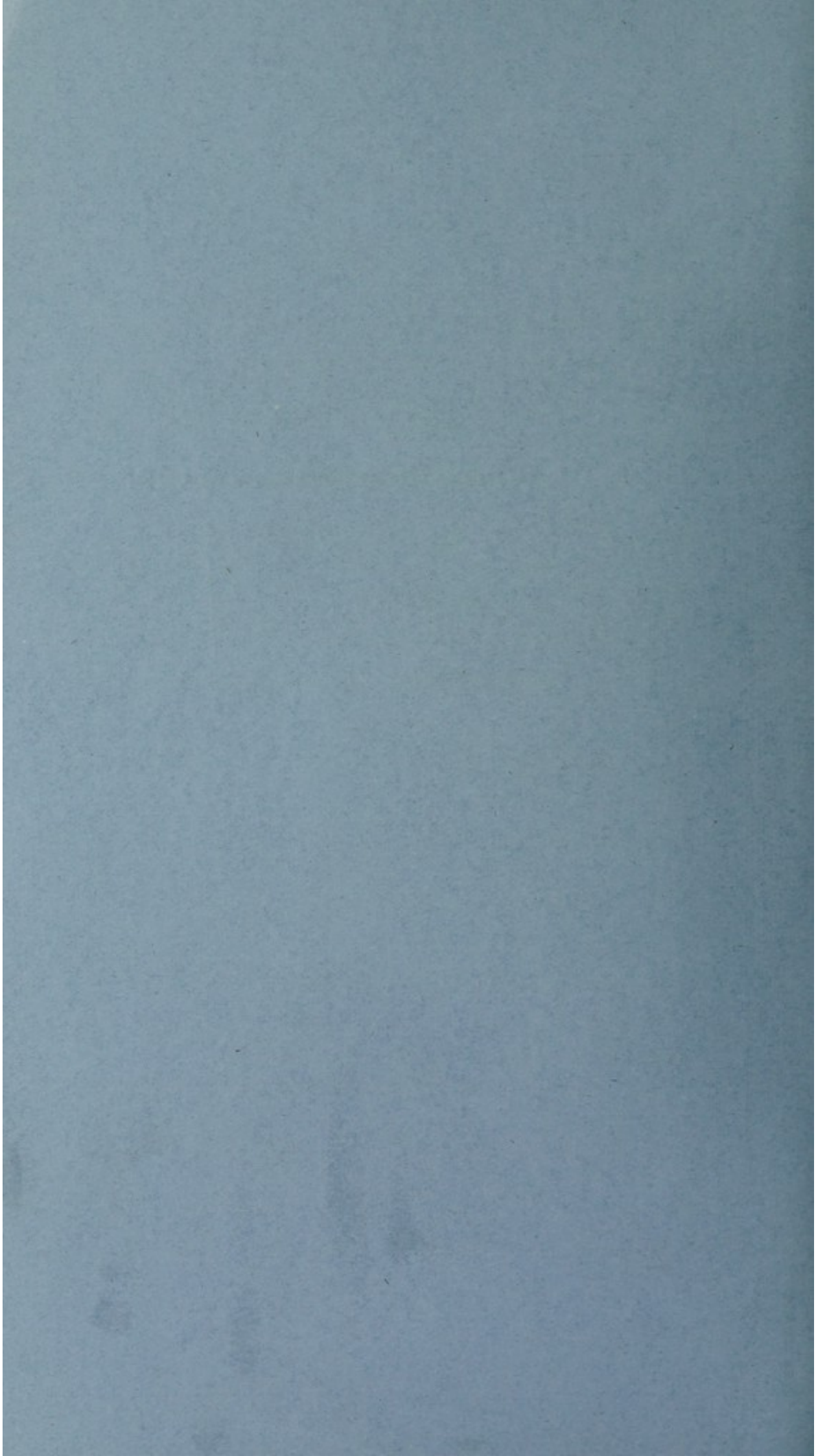
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BOROUGH OF MIDDLETON
In the County of Lancaster



ANNUAL REPORT OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1960



B O R O U G H O F M I D D L E T O N

I N T H E C O U N T Y O F L A N C A S T E R

* * * * *

A N N U A L R E P O R T

O F T H E

M E D I C A L O F F I C E R O F H E A L T H

F O R T H E Y E A R 1 9 6 0

T.P. O'GRADY, M.B., Ch. B., B.A.O., D.P.H.

Late Medical Officer of Health
(deceased 31st October, 1960)

G.R. BRACKENRIDGE, M.B., Ch.B., D.P.H.

Acting Medical Officer of Health

Public Health Offices, Suffield Street, Middleton

(Telephone No: MIDDleton 2024)

Health Offices, adjacent Town Hall, Middleton

(Telephone No: MIDDleton 5541)

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B O R O U G H O F M I D D L E T O N

1960/1961

H E A L T H C O M M I T T E E

CHAIRMAN

COUNCILLOR MRS. E.P. WELLENS

VICE-CHAIRMAN

COUNCILLOR L. COX

HIS WORSHIP THE MAYOR - COUNCILLOR J.H. BERRY, J.P.

ALDERMAN S.A. CHISHOLM

ALDERMAN W.D. CHISHOLM

ALDERMAN R. SCOTT

ALDERMAN F. WHITWORTH

COUNCILLOR MRS. E.J.E. BRADLEY

COUNCILLOR D.C. DERRY

COUNCILLOR MRS. M. GITTINS

COUNCILLOR MRS. A. MEE

COUNCILLOR W.H. TRAVIS

B O R O U G H O F M I D D L E T O N

S T A F F O F T H E P U B L I C H E A L T H D E P A R T M E N T

M E D I C A L O F F I C E R O F H E A L T H

T.P. O'GRADY, M.D., Ch.B., B.A.O., D.P.H.
(deceased 31.10.60)

G.R. BRACKENRIDGE, M.B., Ch.B., D.P.H.
Acting Medical Officer of Health
from 1.10.60

C H I E F P U B L I C H E A L T H I N S P E C T O R

T. TURNER, M.R.S.H.

D E P U T Y C H I E F P U B L I C H E A L T H I N S P E C T O R

C. KELLY, M.R.S.H., D.P.A.

A D D I T I O N A L P U B L I C H E A L T H I N S P E C T O R S

L.H. KERR, C.S.I.E.B., MEAT INSPECTION

J. SMITH, C.S.I.E.B., MEAT INSPECTION

C L E R I C A L S T A F F

MISS E.M. HOWARTH, (Chief Clerk)

MRS. M. FLAVELL, (Shorthand Typist)

W. HOLLINGWORTH (Pupil Assistant Public Health Inspector)

J.R. LUND (Pupil Assistant Public Health Inspector)

For Delegated Health and Welfare Functions staff see overleaf

BOROUGH OF MIDDLETON

DELEGATED HEALTH AND WELFARE FUNCTIONS (from 1.10.60)ASSISTANT DIVISIONAL MEDICAL OFFICERS

I.G. YULE, M.B., Ch. B., D.C.H.

E.M. DAKIN, M.B., Ch. B.

(Part-time - seconded from Health Division 14)

PART-TIME CONSULTANT OBSTETRICIAN

MARY EVANS, M.D., B.S., (London) D.Sc., (Wales) M.R.C.O.G.

SENIOR ADMINISTRATIVE OFFICER

J. GLEESON

HOME HELP ORGANISER

MISS P. OGDEN

MENTAL WELFARE OFFICERS

D. MacCORQUODALE

F.A. SHERIDAN

MRS. P.A. DANKS, B.A.

(Part-time Officers - seconded from Health Division 14)

PSYCHIATRIC SOCIAL WORKER

MRS. C. GARRETY, B.Sc.

(Part-time Officer - seconded from Health Division 14)

DIVISIONAL WELFARE ORGANISER

J.E. TAYLOR

NOTE: Staff employed in the School Health Services, (e.g. Dentists) were not on the staff of the Borough Council at 31.12.60.

HEALTH AND WELFARE OFFICES,
ADJACENT TOWN HALL,
MIDDLETON.

HEALTH DEPARTMENT,
5 SUFFIELD STREET,
MIDDLETON.

August, 1961.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting, for your consideration, the Annual Report on the health of the district for 1960.

Firstly, I must thank the Chairman and Members of the Health Committee, the Town Clerk, the County Medical Officer of Health, the Chief Public Health Inspector and his staff, and the staff of the (delegated) Health and Welfare Office, for their tolerance, loyalty, assistance and encouragement in the latter half of the year when, during the illness, and following upon the tragic death, of the late Dr. T.P. O'Grady, I was Acting Medical Officer of Health for the district. I was indeed fortunate in being able to draw on the fund of goodwill established by my predecessor.

There was a major administrative change in the Health Services within the Borough during the year with the implementation of the Middleton Health and Welfare Services (Delegation) Scheme on the 1st October, 1960. Under this scheme, the Borough assumed responsibility for the following services, previously administered by Health Division 14 :-

(a) Under the National Health Service Act, 1946

Health Centres	(Section 21)
Care of Mothers and Young Children	(Section 22)
Midwifery	(Section 23)
Health Visiting	(Section 24)
Home Nursing	(Section 25)
Vaccination and Immunisation	(Section 26)
"Care and After Care" (Loan nursing equipment, laundry, convalescence, chiropody, etc.)	(Section 28)
Home Help Services	(Section 29)

(b) Under other legislation

1. Welfare Services (Sections 29 and 30 National Assistance Act) in regard to the care of the handicapped.
2. Registration of Nurseries and Child Minders.
3. Mental Health Services but excluding residential care of the mentally ill. (From date of implementation of the Mental Health Act).

The remaining "Local Authority" Services, in particular those dealing with Ambulance Services, and with Residential Accommodation for the aged, continued to be administered by Health Division 14.

As members of the Committee will appreciate, considerable time and effort were essential in planning for a smooth inception of this Scheme and much of this work had, of course, been undertaken by the late Medical Officer of Health. I am also indebted to the staff of the Town Clerk's Department for their assistance and also to the administrative staff engaged in the services both in the Borough and in Health Division No. 14, who so effectively and harmoniously worked together during the transitional period.

As a result of delegation there has been a material change in the form of this report compared with that of previous years, but members of the Committee will appreciate that the statistics given for the new services in respect of the Borough refer only to the quarter ended 31st December, 1960, and cannot, therefore, be compared directly with other previous published figures.

The scheme of delegation was further complicated by the full implementation of the Mental Health Act, 1959, from the 1st November, 1960, as this resulted in major administrative re-organisation throughout the local authority Mental Health Service, as indicated in the body of the report. Statistical figures for this service in the Borough during the months of November and December, 1960, are not published separately but will, of course, appear in later Annual Reports.

There has been continued increase in the size of the Borough with an estimated mid-year population of 56,370. This is an increase of 1,680 on the previous year and a total increase of 23,768 on the 1951 census population. Although provision of new residential accommodation in the Langley area is now almost complete, there continues to be large scale housing construction in the Alkington area resulting in continued inflow of population into the district.

The total live births again numbered 1,086, giving an adjusted rate of 16.9 per thousand population, the corresponding rate for England and Wales being 17.1. There were 518 deaths during the year, giving an adjusted rate of 13.6 compared with the National figure of 11.5. No maternal death occurred during the year. Of 25 infant deaths, 11 occurred in the first twenty-four hours after birth and a further 8 in the remainder of the first week.

There was a substantial decrease in the incidence of notifiable infectious disease, ~~probably~~ due to reduction in the numbers of cases of measles and whooping cough. 26 new cases of tuberculosis were reported during the year, but a considerable number of known cases were removed from the register as being fully recovered. 450 cases remained on the register at 31st December, 1960, a nett reduction of 52 cases in the year.

The principal factors adversely affecting health in the district are bad housing and atmospheric pollution and there is also the urgent need to secure new provision for refuse disposal. A total of 190 houses were represented in clearance areas during the year, with a further 11 houses represented as individual unfit property. 292 houses represented under the Borough clearance programme were demolished during the year. 539 new houses and 64 flats were completed during the year; 261 houses and all the flats being provided by local authorities and 278 houses by private development.

On the 1st March, 1960, the Alkington No. 1 Smoke Control area, comprising 692 houses, became operative. The following further Smoke Control areas were submitted during the year, being confirmed by the Ministry of Housing and Local Government in January, 1961 :-

Alkington (No.2)	-	1,300 houses
Clough Road (No.3)	-	90 houses
Sedgeley Street (No.4)	-	94 houses
Hollins (No.5)	-	405 houses presently on site
Croft Gates (No.6)	-	88 houses

Preliminary survey work was begun on areas No. 7 (Alkington) and No. 8 (Langley). In contrast to the situation in certain nearby districts, the residents of Middleton appear to have welcomed the establishment of Smoke Control areas, and only temporary difficulties have been encountered in arranging fuel supplies.

The increasing difficulties faced by the staff of the Health Department in dealing with the collection and disposal of refuse has been brought to the attention of the Council from time to time during the year and it has been agreed that the existing refuse disposal plant is now nearing the end of its useful working life. There is, moreover, the problem of securing adequate tipping space within the Borough and, at the end of the year, a detailed report was being prepared for the consideration of the Health Committee with regard to the relative merits of suggested schemes. The decision between incineration and/or separation plant, or an extension of controlled tipping, will not be an easy one. It was also apparent that the existing fleet of refuse disposal vehicles is insufficient to cope with the increasing volume of refuse as a result of the extension of Smoke Control areas and the increasing use of paper and cardboard packaging, nor is there any reserve vehicle in the event of a breakdown of the already fully committed transport.

In concluding, I must thank the staff of both branches of the Health Department for their assistance in the preparation of this report. I hope that I shall have the pleasure of continued happy association with the Borough, the Council and its officers.

I am, Ladies and Gentlemen,

Your obedient servant,

"G.R. BRACKENRIDGE"

Acting Medical Officer of Health

PART 1.STATISTICS AND INFECTIOUS DISEASES REPORT.General Statistics.TABLE 1.

Area of the Borough (acres)	5,170
Population at Census, 1951	32,602
Registrar-General's estimated resident population (mid-year 1960)	56,370
Number of persons per acre	10.90
Number of inhabited houses (estimated)	17,240
Rateable Value at 31st March, 1960	£543,979
Sum represented by a Penny Rate (1959-1960)	£2147.0.3.

Vital Statistics.TABLE 2.LIVE BIRTHS.

Number	1,086
Rate per 1,000 population	19.3 (crude) 16.9 (adjusted)
Illegitimate Live Births per cent of total live births	3.87

STILL BIRTHS.

Number	22
Rate per 1,000 total live and still births	19.9
Total Live and Still births	1,108
Infant Deaths (deaths under 1 year)	25

INFANT MORTALITY RATES.

Total infant deaths per 1,000 total live births	23.0
Legitimate infant deaths per 1,000 legitimate live births	23.9
Illegitimate infant deaths per 1,000 illegitimate live births	Nil
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births,	18.4
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births	17.5
Peri-natal Mortality Rate (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	37.0

MATERNAL MORTALITY (including abortion)

Number of deaths	Nil
Rate per 1,000 total live and still births	Nil

TOTAL DEATHS 518

(Males, 271, Females, 247)

Death Rate per 1,000 estimated population 9.2 (crude)
13.6 (adjusted)

(Comparability factor 1.48)

POPULATION.

The Registrar General's mid-year estimate of population for the year 1960 is 56,370, which is 1,680 more than the estimated population for 1959 and 23,768 more than the Census population for 1951.

BIRTHS.

1,086 live births were assigned to the borough, representing an adjusted birth rate of 16.9 per 1,000 of the population, compared with the figure of 17.1 for England and Wales.

TABLE 3.

Comparative figures over the past five years.

	<u>Birth Rate.</u>		
	<u>Crude.</u>	<u>Adjusted.</u>	<u>England and Wales.</u>
1956	21.8	19.6	15.7
1957	22.3	19.8	16.1
1958	19.2	17.1	16.4
1959	19.9	17.5	16.5
1960	19.3	16.9	17.1

DEATHS.

The number of deaths assigned to Middleton during 1960 was 518 giving a crude death rate of 9.2 per 1,000 of the population and an adjusted rate of 13.6 compared with 11.5 for England and Wales. For causes of Death see Table 7 (Page 12).

The age and ward incidence are shown in the following table:-

TABLE 4.

Age and ward incidence of deaths occurring in 1960.

<u>Ward.</u>	<u>U/1</u>	<u>1-5</u>	<u>5-15</u>	<u>15-45</u>	<u>45-65</u>	<u>65-75</u>	<u>0/75.</u>	<u>Total.</u>
Stanycliffe	2	1	1	4	14	18	29	69
Hollin	1	-	-	6	8	12	14	41
Birch	5	-	1	7	16	8	6	43
Bowlee	4	-	-	4	7	5	5	25
Limefield	2	2	1	4	21	24	26	80
Alkrington	4	-	1	1	14	15	24	59
Tonge	2	-	-	2	15	10	13	42
Mills Hill	2	-	-	5	19	30	34	90
Central	3	-	1	4	10	24	27	69
Total	25	3	5	37	124	146	178	518

Infant Mortality. There were 25 deaths, giving an infant mortality rate of 23.0 per 1,000 live births compared with the figure of 21.7 for England and Wales. 20 of these deaths occurred in the first month of life.

TABLE 5.

INFANT DEATHS, 1960.

Cause of Death	Days		Weeks		Months			Total
	Under 1	1-7	1-4	Total	1-3	3-6	6-12	
Prematurity	5	1	-	6	-	-	-	6
Respiratory Disease ..	1	-	-	1	2	1	-	4
Congenital Malformations ...	2	4	-	6	-	-	-	6
Accidental	-	-	-	-	-	1	-	1
Other Causes ...	3	3	1	7	1	-	-	8
Total	11	8	1	20	3	2	-	25

Maternal Mortality. No maternal death occurred during the year.

Comparative death rates for various diseases for the past 46 years are shown in Table 6, and the classified causes of death for 1957, 1958, 1959 and 1960 are given in Table 7.

TABLE 6.

Year	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Cancer Death Rate	Tuber- culosis Death Rate
1915-1919	15.0	15.3	89	1.29	1.44
1920-1924	17.9	12.7	73	1.33	1.08
1925-1929	14.3	13.6	75	1.34	0.80
1930-1934	13.7	13.2	68	1.68	0.62
1935-1939	13.8	13.5	49	1.68	0.55
1940-1944	17.0	14.0	54	1.88	0.51
1945-1949	18.3	12.9	42	2.11	0.50
1950-1954	15.8	12.2	32	2.17	0.27
1955-1959	20.5	9.5	23.5	1.58	0.09
1960	19.3	9.2	23.0	1.63	0.04

TABLE 7.

CAUSES OF DEATH, 1957, 1958, 1959 and 1960.

	1957	1958	1959	1960
Tuberculosis, respiratory	5	8	3	2
Tuberculosis, other forms	1	-	-	-
Infectious diseases	10	3	7	3
Malignant neoplasm, stomach	12	23	12	14
Malignant neoplasm, lung, bronchus ..	19	19	21	24
Malignant neoplasm, other	45	40	53	51
Leukaemia	-	1	3	3
Diabetes	3	4	3	1
Vascular lesions of nervous system ..	78	102	80	85
Diseases of heart and circulation ...	160	170	187	192
Diseases of respiratory system .. .	54	67	51	52
Ulcer of stomach and duodenum	2	2	2	5
Gastritis, enteritis and diarrhoea ..	4	1	2	1
Nephritis and nephrosis	2	5	5	4
Hyperplasia of prostate	4	1	-	-
Pregnancy, childbirth, abortion	-	-	-	-
Congenital malformations	11	4	8	7
Other defined and ill-defined diseases .. .	38	35	38	45
Motor vehicle accidents	7	6	4	7
All other accidents	10	13	8	14
Suicide	6	12	7	8
Homicide and operations of war .. .	1	-	1	-
	472	516	495	518

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

TABLE 8.

Infectious Disease.	No.	Removed to hospital.
Scarlet Fever	43	3
Measles	482	3
Whooping Cough	64	4
Pneumonia	34	8
Dysentery	61	7
Food Poisoning	8	2
Paratyphoid B	-	-
Meningococcal Infection	2	2
Acute Poliomyelitis - Paralytic	-	-
Non-Paralytic	-	-
Encephalitis - Post Infectious	-	-
Puerperal Pyrexia	-	-
Erysipelas	2	-
Ophthalmia Neonatorum	-	-
Pulmonary Tuberculosis	23	22
Non-Pulmonary Tuberculosis	3	-
Total	722	51

COMMENT ON VARIOUS INFECTIOUS DISEASES.

General. The total notifications of infectious disease showed a very considerable decrease on the 1959 figures due principally to the lesser prevalence of Measles and Whooping Cough.

Measles. In contrast with the previous year there was a low incidence of Measles in the borough during the greater part of 1960 and only in the latter two months of the year was the disease prevalent. The bulk of the cases then reported were of children in the late pre-school period or in the early years of school life.

Whooping Cough. There was a gratifying decline in the incidence of Whooping Cough during 1960 and it is hoped that this may be a reflection of the increasing acceptance by mothers in the district of combined immunisation against Diphtheria, Whooping Cough and Tetanus. The need for protection against Whooping Cough is greatest in the case of children under 5 years of age.

Diphtheria. It is nine years since the last case of Diphtheria was notified in the borough, but the small outbreaks of this disease reported from time to time from various parts of the country serve to emphasize the need for continued immunisation. At present some two-thirds of children in the borough receive immunisation against diphtheria and constant propaganda is necessary to remind mothers of the need to secure this protection for their children.

Poliomyelitis. Since the introduction of large scale Poliomyelitis Vaccination, only two cases of poliomyelitis have been confirmed in the borough and 1960 is the second year without a case. Unfortunately there is no justification for it being assumed that the general population of the borough is effectively protected against this disease as, although pre-school children and school children have been vaccinated in substantial numbers, those between the ages of 15 and 40 have been very slow in coming forward, despite special arrangements to cater for them by evening vaccination sessions at both Durnford Street and Langley Clinics and a Saturday morning session held at Cladderton.

Tuberculosis. Although 26 new cases of Pulmonary Tuberculosis were brought to light during the year the total number of cases on the Register (including Langley) at 31.12.60 showed a substantial net reduction to 450 as compared with 502 at the end of 1959. The majority of new cases of the disease are in fact notified in the very early stages and there is thus every prospect of rapid control of the disease being effected by modern chemotherapy.

Laboratory Facilities.

Blood specimens from the ante natal clinics are sent either to the Pathology Department, Oldham and District General Hospital; the Serological Laboratory, Withington Hospital, or to the National Blood Transfusion Service, Royal Infirmary, Manchester.

Otherwise, practically all the routine specimens are submitted to the Public Health Laboratory, Monsall Hospital, Manchester.

During the year the following specimens were submitted for examination:-

TABLE 9.

Ear, Nose and Throat Swabs	35
Faeces Specimens	818
Urine Specimens	7
Vaginal Swabs	12
Swab from boil	4
Swab from eye	1
Sputum	13
Swab from Abscess	2
Pus	4
Swab from wound	2
Urethra	2
Swab from Septic finger	1
Blood Specimens	6

Food Specimens.

Beef Broth	1
Mustard Powder	1
Roast Pork	1
Artificial Cream	1

Thanks are due once again to the Director of the Public Health Laboratory and his staff for their ever ready co-operation and practical help given to the Health Department.

Swimming Baths.

Middleton Corporation owns the sole swimming bath in the borough. This was constructed in 1938, and consists of a large pool (100 feet by 35 feet) with a maximum depth of 10'3", a smaller childrens' pool (30 feet by 22 feet) with a maximum depth of 3', 16 slipper baths, 4 hot and cold showers and changing accommodation. Chlorinated Footbaths are provided from the dressing accommodation to the plunge baths.

The baths are supplied with water from the town mains (Heywood and Middleton Water Board), and further treated by sand filtration and chlorination. The water is changed every four hours by filtration. A total of 108,019 bathers used these baths during the year. One bacteriological sample was taken and on examination was found to be satisfactory.

During the winter months, the building is closed to bathers and used as a social centre. The slipper baths remain open throughout the year.

Hospitals.

There are no hospitals situated in the borough and patients are admitted to hospitals in the surrounding districts, chiefly Oldham and Manchester.

National Assistance Acts, 1948 and 1951.

No action was taken under Section 47 of the above Acts during the year.

Review of the National Assistance Acts, 1948 and 1951, was carried out by the Borough Council in the year 1952. The review was carried out in the form of a questionnaire which was sent to all the National Assistance Committees in the Borough. The results of the questionnaire are given in the following table:

(see table on page 16)

Further the Borough Council has the County Council for their own Family Planning Clinic, but there is an arrangement with the Family Planning Association (Middlesbrough and District Branch) and Family Planning Councils to hold at Middlesbrough Street Clinic, Middlesbrough. A large factor is in attendance at these sessions. There are arrangements for case papers in respect of cases referred to the Clinic on behalf of the County Council in the review of the County Council.

All the provisions available for the care of married couples are also available to unmarried couples, but the provisions are also available to unmarried couples in certain instances. The provisions available for the care of married couples are also available to unmarried couples in certain instances. The provisions available for the care of married couples are also available to unmarried couples in certain instances.

During the year 1952, 18 patients were born to women who were resident in the Borough. Of this total, 3 patients were born at home and the remainder in hospital. Detailed particulars are given in the table on page 16.

Certain facilities for the care of pregnant women in their own homes is available for use in the form of Middlesbrough Street Clinic, Middlesbrough, to which patients are referred.

There were no cases of Osteoporosis in Middlesbrough during the year.

PART II - DELEGATED HEALTH AND WELFARE SERVICES

CARE OF MOTHERS AND YOUNG CHILDREN

Child Welfare Centres

There are 5 Child Welfare Centres in the Borough; 2 being at School Clinic premises at Durnford Street, Middleton, and Borrowdale Road, Langley, the remaining 3 being open in rented premises in the Alkington, Rhodes and Middleton Junction areas for one half-day each week. There is normally a total of 7 Child Welfare sessions held weekly in the Borough.

Routine examination of infants is normally undertaken at these sessions (see also page 25) and the National Welfare Foods - National Dried Milk, Orange Juice, Cod Liver Oil and Vitamin Tablets - are available in addition to certain proprietary brands of baby foods and vitamin supplements available for purchase on the recommendation of the Medical Officer.

Antenatal and Postnatal Clinics

(see under Midwifery, ^{and} page 26)

Family Planning

Neither the Borough Council nor the County Council run their own Family Planning Clinics, but there is an arrangement with the Family Planning Association (Middleton and District branch) and weekly evening sessions are held at Durnford Street Clinic, Middleton. A lady doctor is in attendance at these sessions. There are arrangements for case payment in respect of women referred to the Clinic on health grounds by Medical Officers in the service of the County Council.

Care of Unmarried Mothers and their Children

All the provisions available for the care of married mothers are also available to unmarried mothers, but further ~~such~~ provisions are also made, principally in securing admission to residential accommodation during the later stages of pregnancy. Should an unmarried mother retain her child and seek employment outside home, she is given priority for admission to a County Council Day Nursery. Health Visitors, Visitors of the Children's Department and Moral Welfare Workers of the various religious denominations, and other voluntary organisations, co-operate closely in this rather difficult work.

Care of Premature Infants

A premature infant is one whose birth weight is $5\frac{1}{2}$ lb. or less and during the last quarter of the year, 18 infants were born to mothers normally resident in the Borough. Of this total, 3 premature infants were born at home and the remainder in hospital. Detailed particulars are given in the table on page 28.

Certain equipment for the care of premature infants in their own homes is available for use on loan and is held at Durnford Street Clinic, Middleton, to which Midwives had direct access.

Ophthalmia Neonatorum

There were no cases of Ophthalmia Neonatorum in domiciliary practice during the quarter.

DAY NURSERIES(a) Local Authority Day Nurseries

There are no local authority day nurseries within the Borough, but Middleton residents may apply for admission of children, under the age of 5, to day nurseries in adjacent districts administered by Lancashire County Health Division No. 14.

(b) Industrial Day Nurseries

Under the provisions of the Nurseries and Child Minders Regulation Act, the Borough Council had one industrial day nursery registered in the Borough. This nursery, at the Cromer Mill, has hitherto been registered for 40 child places, but at the end of the year, negotiations were proceeding to effect registration as an 80 place nursery. The medical staff of the Borough made regular visits to this nursery during the quarter.

(c) Child Minders

There were no registered child minders in the Borough during the quarter.

MIDWIFERY SERVICE

(establishment at 31st December, 1960, was 9)

There are 9 District Midwives, all of whom are qualified to administer analgesics.

Miss M.E. Bradbury
 Mrs. C.F. Copland
 Miss E.M. Edwards
 Miss J.M. Fletcher
 Mrs. C.N. Holland
 Miss J. Houghton
 Mrs. F. Hutchinson
 Mrs. D.B. Smith
 Miss S.M. Taylor

During the quarter the Midwives attended 102 confinements; analgesia was administered in 96 cases.

Antenatal Clinics are held two or three times weekly at Durnford Street and Borrowdale Road Clinics. The present accommodation at Durnford Street cannot be considered as entirely satisfactory for this purpose, in particular with the continuing inflow of population into the Alkington district. The difficulties are principally the lack of sufficient changing accommodation and of provision for reasonable privacy in examination of individual mothers.

Blood tests are carried out routinely on all mothers attending the antenatal clinics and blood specimens are submitted to Oldham and District General Hospital and Withington Hospital. Dr. Mary Evans, the Consultant Obstetrician, attends, on alternate weeks, the antenatal clinics at Durnford Street and Langley and her advice is available to Midwives and General Practitioners.

Relaxation classes are held at Durnford Street Clinic only, there being little demand for this facility from mothers resident on Langley.

HEALTH VISITING

(establishment at 31st December, 1960, was 12)

Health Visitors employed are: -

Mrs. N. Brady
Miss R. Deasey
Miss T. Dunscombe
Mrs. D. Green
Mrs. J. Howard
Miss M.M. Switzer
Mrs. J. Wright

There are also 3 School Nurses :-

Mrs. M.T. Greenfield
Miss S. Nixon
Mrs. M.M. Stanley

It will be noted that there is an acute shortage of Health Visitors in the Borough and this of considerable concern in view of the weighting of population in the school and pre-school age groups. In addition, the Health Visitors are burdened with increasing commitments in arranging for the care of the aged and welfare of handicapped persons.

During the quarter, Health Visitors paid 1,739 visits to children under one year of age and 2,370 visits to children between the ages of one to five years; 1,367 visits were paid to expectant mothers; some 450 visits were paid to the elderly and chronic sick.

Details of this service are given in the table on page 31.

HOME NURSING SERVICE

Total establishment at 31st December, 1960,
was 7

District Nurses: Mrs. H. Ashwell
Miss M. Foster
Mrs. D. Halliwell
Mrs. H. Henry
Mrs. I.M. Marr

State Enrolled
Assistant Nurses: Mrs. E. Burns
Mrs. A. Newsham

The Home Nursing Service continues to carry out extremely useful and valuable work in co-operation with the General Practitioners within the Borough, but an increasing proportion of their time is devoted to the care of the elderly. The Service, however, considerably eases the burden on relatives, undertaking long term care at home, and reduces the need for General Practitioners to request hospital accommodation for the chronic sick.

The nurses arrange to issue, on loan, various articles of equipment required by their patients.

During the quarter the nurses paid a total of 6,626 visits to individual patients.

Details of the service are given in the tables on pages 31 and 32.

IMMUNISATION AND VACCINATION

Smallpox

During the quarter, 90 persons, of whom 76 were infants under the age of 1 year, were given primary vaccination against smallpox, and a further 10 individuals, of whom 6 were over the age of 15 years, were re-vaccinated.

For details see the table on page 34.

Diphtheria, Whooping Cough and Tetanus

The majority of infants are now protected by combined immunisation against these three diseases and this causes minimum disturbance and inconvenience to both mother and child. Older children are, in general, given booster doses against either diphtheria only or with combined material against diphtheria and tetanus. A number of younger children are, for various reasons, immunised with separate antigens.

Detailed figures of such immunisation are given in the table on page 33.

Poliomyelitis

While acceptance of poliomyelitis vaccination for pre-school and school children remained, in general, good, yet there appeared to be continuing reluctance of those beyond the age of 15 years to avail themselves of this facility, although monthly evening sessions are held at both Durnford Street and Borrowdale Road Clinics, for the convenience of those who are working during the day. In addition, residents of the district may attend a similar open vaccination session at Chadderton Central Clinic on Saturday mornings. Supplies of British manufactured poliomyelitis vaccine are excellent and there is no reason why all those between the ages of 6 months and 40 years should not be able to secure protection for themselves by arrangement with the Clinics or their own General Practitioners.

At 31st December, 1960, the numbers of residents in the Borough who had received two injections (and may, therefore, be presumed to have a fair degree of resistance) were as follows :-

<u>Born in</u> <u>1943 - 1960</u>	<u>Born in</u> <u>1933 - 1942</u>	<u>Born in</u> <u>1932 or earlier</u>	<u>Total</u>
10,826	1,802	1,228	13,856

AMBULANCE SERVICE

Although there is an Ambulance Station within the Borough, the Ambulance Service is administered by Lancashire County Council Health Division No. 14 and the vehicles themselves controlled by the radio-control centre at Radcliffe (Telephone No. RADcliffe 3021).

PREVENTION OF ILLNESS - CARE AND AFTER-CARE

Health Education

Leaflets and booklets dealing with various aspects of Health Education are distributed at the Child Welfare Centres and Clinics, together with poster exhibitions there and at various industrial premises in the Borough. It is, however, probable that the most valuable form of Health Education is in the contact between Health Visitors and individual families and in opportunities for discussion between expectant mothers and their Midwives and Medical Attendants.

Facilities are available for lectures, informal talks or film displays on various health subjects to interest voluntary organisations, e.g., Women's

Guilds, or Groups and Youth Clubs; Group secretaries wishing to enquire regarding this should write to the Medical Officer of Health.

Co-operation with Hospital Services

Active co-operation is maintained by the medical staff with the medical staff and almoners of the hospitals serving the Borough and arrangements are made for necessary information to be interchanged, in particular with regard to arrangement for cases discharged from hospital requiring support from the local authority services.

Convalescence

Arrangements for convalescence on the recommendation of a General Practitioner were formerly dealt with by the Lancashire County Council but this service is now administered directly by the Borough. This service is primarily intended for those requiring a short period of convalescence to restore full activities after a recent acute illness.

Tuberculosis

The Chest Clinic serving the Borough is situated at Oldham and District General Hospital and close liaison is maintained with the Consultant Chest Physician. 5 persons received inoculation with B.C.G. vaccine during the quarter (this does not include school children given B.C.G. vaccine through the School Health Service). During the quarter 9 cases received extra nourishment over that which can be obtained by a patient by a grant from the National Assistance Board. Such extra nourishment normally takes the form of extra milk and Horlicks.

There is one Tuberculosis Health Visitor - Mrs. E.J.M. Hollinrake - in the district and her duties include visits to patients at home, arrangements for examination of contacts, reports of environmental and economic difficulties and attendance at the Chest Clinic.

For statistical details of this service see the table on page 35.

LAUNDRY SERVICE

On 1st December, 1960, the Borough Council assumed responsibility for a Laundry Service which had previously been administered by Health Division 14. The service is intended for any sick person in need of constant changes of bed linen and where no family help is available and the soiled linen would not normally be accepted by a commercial laundry.

Laundering is carried out at Oldham and District General Hospital and individual arrangements are normally made through the District Nurse.

This service is not a free service and is chargeable to recipients in accordance with County Council income scales.

During the month of December, the service was utilised by 8 patients.

CHIROPODY SERVICE

Since April, 1960, a Chiropody Service for the elderly, physically handicapped and also expectant mothers, had been operating in the Middleton area and this was one of the services delegated under Section 28 to the Borough on 1st October, 1960.

There had been increasing demands on the service since its inception and, at the end of the year, arrangements were in hand to increase the Chiropodist's sessions from 3 to 4 per fortnight. In view of the restricted accommodation at Durnford Street Clinic, the Chiropodist undertakes half of these sessions at her own surgery.

During the quarter a total of 219 individuals received Chiropractic treatment. Of this total 82 were treated at Clinic sessions, 41 at the Chiropractor's surgery and 96 at the patient's own home.

HOME HELP SERVICE

There is no fixed establishment for Home Helps, who are engaged as and when required by the Home Help Organiser (Miss P. Ogden) under the direction of the Medical Officer of Health.

Applications for the services of a Home Help should be made to the Medical Officer of Health and arrangements will then be made to investigate individual cases. It should be noted that this service is not a free service and recipients are liable for payment under County Council scales.

During the quarter assistance was given to 257 patients, but it will be noted from perusal of the table on page 35, of this total 218 were patients aged 65 or over. At the end of the quarter 48 Home Helps were employed in the Borough.

WELFARE SERVICES

The Borough assumed responsibility for Welfare Services in regard to care of the handicapped, in accordance with Sections 29 and 30 of the National Assistance Act.

Such services are intended to provide for care of handicapped people in their own homes and at social centres run by the local authority themselves or in co-operation with voluntary organisations.

In practice, the service afforded to the handicapped was substantially by provision of Home Helps, although arrangements were in hand to secure provision of a social centre in the Langley area in 1961.

Responsibility for residential accommodation under the Act was not delegated to the Borough and such accommodation is administered by Lancashire County Council Health Division No. 14.

Health Division No. 14 administers 4 homes for the elderly, ~~nominally~~ Broadway House (Chadderton), Claremont and Coppice (Windsor Road, Oldham), and Schofield House in the Borough itself. Accommodation is available for a total of 129 residents but there is a considerable waiting list for this accommodation.

MENTAL HEALTH SERVICE

Responsibility for the Mental Health Service was assumed by the Borough on the 1st November, 1960, on the date of full implementation of the Mental Health Act, 1959. In order to avoid disruption of an existing closely integrated service operating in Health Division No. 14 in co-operation with the Psychiatric Unit at Oldham and District General Hospital, staff were not appointed specifically to the Borough but existing Divisional staff were partly seconded for duties within the Borough.

The new Act, which substantially repealed legislation of the previous 60 years, was intended primarily to simplify administrative procedure in the care of the mentally ill and to eliminate restrictive formality except in a minority of severely disturbed patients.

There were also certain changes in the nomenclature of mental disability and in particular the terms "mental defective", "feeble-minded", "imbecile" and "idiot" became obsolete, being replaced by "subnormal" and "severely subnormal".

Statistics of the service during the latter two months of the year will

not be published separately for Middleton but will be incorporated with the Divisional returns. Middleton statistics for 1961, will, however, be published separately.

OTHER SERVICES

(a) School Health Service

This service was not administered by the Borough Health Committee in 1960 although the medical staff of the Borough are also School Medical Officers and responsible to the County School Medical Officer and the appropriate County conditions for the day to day administration of the service in the Borough.

This arrangement will, however, be altered in 1961, when the Borough of Middleton becomes an Excepted District for the purposes of the Education Act.

(b) Special Medical Examinations, etc.

A total of 72 medical examinations were made for various purposes during the quarter. This includes examinations of new employees for admission to superannuation schemes.

STATISTICS - PART IIA

NOTIFICATION OF BIRTHS FOR THE PERIOD 1st OCTOBER, 1960, TO THE 31st DECEMBER, 1960.

Notified births (i) occurring in, and (ii) finally belonging to, the Borough

	In Hospital, Maternity Homes, etc.						In the Home						Total					
	Live Births			Still Births			Live Births			Still Births			Live Births			Still Births		
	*Preme- ture	Mature	Total	M	F	Total	*Preme- ture	Mature	Total	M	F	Total	*Preme- ture	Mature	Total	M	F	Total
Total number occurring in the Borough No. transferred out of Borough (i) to other Divisions (ii) to County Boroughs or other Counties Total outward transfers Net no. occurring in and belonging to Borough	-	-	-	-	-	-	2	1	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	1	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	2	1	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	40	59	42	60	-	-	-	-	-	-
No. transferred into Borough (i) from other Divisions (ii) from County Boroughs or other Counties Total inward transfers Final no. belonging to Borough	-	2	2	-	-	-	-	-	-	-	-	-	-	2	2	2	-	-
	8	7	71	53	79	60	-	-	-	-	-	-	8	7	71	53	79	60
	8	7	73	53	81	60	10	8	77	55	81	123	10	8	78	55	81	120

* A birth is regarded as "prematute" if the birthweight is 5½ lb. or less

INFANT MORTALITY - (Deaths of infants under 1 year of age which occurred during the period 1st October, 1960 to 31st December, 1960, after correction for inward and outward transfers)

By cause, sex and age groups -

Cause of Death	Age at death												Totals		
	Under 1 day		1 day and less than 7 days		1 wk. and less than 4 weeks		4 wks. and less than 6 months		6 mths. and less than 12 months		M	F	Both sexes		
	M	F	M	F	M	F	M	F	M	F					
Birth injuries	2	1	1	2	-	-	-	-	-	-	3	3	6		
Post-natal asphyxia and atelectasis	2	-	-	-	-	-	-	-	-	-	2	-	2		
Total - all causes	4	1	1	2	-	-	-	-	-	-	5	3	8		

CHILD WELFARE CENTRES

Number open at 31st December, 1960: 5
 Work done at individual centres during the period 1st October, to 31st December, 1960

Address of Child Welfare Centre	No. of sessions	Number of individual children attended and who were born in:			Number of attendances of children At ages:		
		1960	1959	1958-1955	0-	1-	2-4 inclusive
Durnford Street, Middleton	25	225	50	9	1,128	93	66
Wade Street, Middleton Junction	12	35	25	16	276	82	52
All Saints School, Rhodes, Middleton	11	25	12	8	105	10	1
Allerington, Middleton	12	58	67	6	513	95	37
Borrowdale Road, Langley	25	154	52	47	506	72	65
TOTALS	85	497	206	86	2,528	352	221

ANTE-NATAL CLINICS

No. open at 31st December, 1960: 2
 Work done at individual clinics during the period from
 1st October, 1960 to 31st December, 1960

Address of Clinic	No. of sessions	No. of individual women attending	No. of attendances
Durnford Street, Middleton	25	174	628
Borrowdale Road, Langley	37	164	540
TOTALS	62	338	1,168

POST-NATAL CLINICS

Address of Clinic	No. of sessions	No. of individual women attending	No. of attendances
Durnford Street, Middleton	-	-	-
Borrowdale Road, Langley	-	-	-
TOTALS	-	-	-

DENTAL CARE (excluding dental care of school age children)

Work done during the period from 1st October, 1960 to
31st December, 1960.

	Infants not yet attending school	Expectant mothers	Nursing mothers	Total
Number examined	6	-	-	6
Number needing treatment	5	-	-	5
Number treated	4	-	-	4
Number of individuals actually treated who were rendered dentally fit	2	-	-	2
Number of extractions	1	-	-	1
Number of administrations of anaesthetics (Local General	1 -	- -	- -	1 -
Number of fillings	2	-	-	2
Number of crowns	-	-	-	-
Number of inlays	-	-	-	-
Number of scalings or scaling and gum treatments	-	-	-	-
Number of silver nitrate treat- ments	-	-	-	-
Number of dressings	4	-	-	4
Number of radiographs	-	-	-	-
Number of dentures provided:				
Complete	-	-	-	-
Partial	-	-	-	-
Repaired	-	-	-	-

PREMATURE BIRTHS (i.e., live and stillbirths of 5½ lb. or less at birth, occurring during the period 1st October, 1960 to 31st December, 1960, in cases where the mother was normally resident in the district)

Weight at birth	Premature live births						Premature stillbirths		
	Born in hospital			Born at home and nursed entirely at home			Born in hospital	Born at home	Born in nursing home
	Total	Died within 24 hours of birth	Survived 28 days	Total	Died within 24 hours of birth	Survived 28 days			
3 lb. 4 oz. or less	4	4	-	-	-	-	1	-	-
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	1	1	-	-	-	-	-	-	-
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	4	1	3	2	-	2	-	-	-
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	6	-	6	1	-	1	-	-	-
TOTAL	15	6	9	3	-	3	1	-	-

MIDWIFERY SERVICES

Summary of work done by Midwives during the quarter 1st October, 1960, to 31st December, 1960.

(a) Livebirths, stillbirths, hospital discharges and deaths

Livebirths			Stillbirths			Cases attended where patient had boon confined in hospital and discharged before the 14th day	Deaths	
Dr. present at delivery	Dr. NOT present at delivery	Total	Dr. present at delivery	Dr. NOT present at delivery	Total		Mother	Child (under 1 month)
4	98	102	-	-	-	29	-	1

(b) Visits

To confinements and miscarriages shown above	To hospital discharges shown above	Total	Total number of visits included in column (1) which were made between the hours of 9 p.m. and 8 a.m. (i.e. night visits)
2,791	151	2,942	122

(c) Confinements at which analgesics were administered

	GAS/AIR				PETHIDINE		TRILENE
	With Peth. and Trilene	Alone	With Pethidine	With Trilene	Alone	With Trilene	Alone
Dr. present at delivery	-	-	-	-	-	1	3
Dr. NOT present at delivery	1	-	1	-	8	39	44
TOTAL	1	-	1	-	8	40	47

(d) Notifications received from all Midwives during the quarter from 1st October, 1960, to 31st December, 1960

No. of notifications received in respect of :-			
Calling for medical aid	Stillbirths	Deaths	
		Mother	Child (under one month)
19	-	-	-

HEALTH VISITING

No. of visits paid by Health Visitors during the quarter from 1st October, 1960, to 31st December, 1960.

(1) No. of children under 5 years of age visited during the quarter	1,517
(2) No. of visits paid in respect of:	
(a) Children under 1 year of age	
(i) First visits	244
(ii) Total visits	1,739
(b) Children 1 year of age:	
(i) Total visits	681
(c) Children 2 to 4 years of age:	
(i) Total visits	1,689
(d) Adults:	
(i) Expectant mothers:	
First visits	28
Total visits	137
(ii) Over 65:	
Total visits	413
(iii) Other adults:	
Total visits	23
(e) Problem families	308
(f) Miscellaneous cases	198
(g) Ineffective visits	951
(3) No. of families or households visited	2,592

HOME NURSING

(1) Total completed cases analysed by sex and age groups during the quarter 1st October to 31st December, 1960.

	No.	Per cent
Total completed cases analysed	178	100
Sex and age groups (age in years)		
0- M	6	3.4
F	6	3.4
5- M	4	2.2
F	6	3.4
15- M	6	3.4
F	30	16.9
45- M	29	16.3
F	22	12.4
65- M	18	10.1
F	51	28.7
All ages - M	63	35.4
F	115	64.6

(2) Analysis of Completed Cases (by diagnosis):

Disease or Ailment	Total Number of cases	Duration of Treatment			
		Average duration of treatment (weeks)	Total visits		Average number of visits per case per week
			Day	Night	
Tuberculosis of Respiratory System	2	15.1	183	-	6.1
Other infective and parasitic diseases	1	0.7	3	-	4.2
Cancer	15	13.2	902	8	4.6
Diabetes	1	31.7	219	-	6.9
Anaemias and other blood diseases	9	40.1	500	-	1.4
Mental, psychoneurotic disorders	-	-	-	-	-
Cerebral haemorrhage, cerebral embolism and thrombosis	7	38.4	1,209	-	4.5
Other diseases of central nervous system	7	15.6	227	-	2.1
Diseases of eye, ear and mastoid process	4	0.9	24	-	7.0
Disease of heart and circulatory system	12	30.1	532	2	1.5
Influenza	-	-	-	-	-
Pneumonia	3	1.1	30	-	8.8
Bronchitis	11	1.5	114	1	7.1
Other disease of respiratory system	9	1.0	61	-	6.9
Diseases of digestive system	19	1.6	169	-	5.5
Diseases of genito-urinary system	9	6.5	104	-	1.8
Diseases of the skin	16	16.2	768	-	3.0
Diseases of bones and organs of movement (including rheumatism and arthritis)	3	32.3	162	-	1.7
Senility and ill-defined conditions	37	12.5	851	-	1.8
Burns and scalds	3	2.2	37	-	5.5
Other accidents, injuries, etc.	2	11.3	78	-	3.5
All other conditions	8	3.9	86	-	2.8
TOTALS	178	13.3	6,259	11	2.7

IMMUNISATION

No. of immunisations completed during the quarter 1st October to 31st December, 1960.

Antigen used	Ø	At Clinics										By General Practitioners in course of private practice				TOTAL			
		By L.H.A. Medical Officers					By General Practitioners on sessional basis					Age in years				Age in years			
		Age in years					Age in years					Age in years				Age in years			
		0-	5-	15 & over	All ages	0-	5-	15 & over	All ages	0-	5-	15 & over	All ages	0-	5-	15 & over	All ages		
Diphtheria only	P R	3 -	66 185	- -	69 185	- -	- -	- -	14 -	2 11	2 -	18 11	17 -	68 196	2 -	87 196			
Whooping cough only	P R	- -	- -	- -	- -	- -	- -	- -	2 -	- -	- -	2 -	2 -	- -	- -	2 -			
Diphtheria and whooping cough (combined)	P R	- -	- -	- -	- -	- -	- -	1 1	1 2	- -	1 3	1 1	1 2	1 2	- -	1 3			
Diphtheria, whooping cough & tetanus (triple)	P R	165 -	2 -	- -	167 -	- -	- -	- -	130 9	38 26	5 1	173 36	295 9	40 26	5 1	340 36			
Diphtheria & tetanus (combined)	P R	1 -	1 -	- -	2 -	- -	- -	1 1	1 1	- -	1 2	2 1	1 1	- -	3 2				

Ø P = Primary immunisations

R = Reinforcement injections

SMALLPOX VACCINATION

		Number of vaccinations performed during the quarter 1.10.60 to 31.12.60											
		At Clinics						Total					
		By Assistant Divisional Medical Officers			By General Practitioners on sessional basis			By General Practitioners in course of Private Practice					
Primary Vaccination	Re-vaccination	Age in years		Age in years		Age in years		Age in years		Age in years		Age in years	
		0-4	5-15 & over	0-4	5-15 & over	0-4	5-15 & over	0-4	5-15 & over	0-4	5-15 & over	0-4	5-15 & over
35	-	-	-	-	-	-	-	3	1	-	85	3	1
-	-	-	-	-	-	-	-	4	6	-	-	4	6

PREVENTION OF ILLNESS - CARE AND AFTER-CARE

Summary of visits of Tuberculosis Health Visitor during the period from 1st October to 31st December, 1960.

(1) No. of Chest Clinic sessions attended	28
(2) No. of domiciliary visits	
(i) Cases:	
(a) First visits	12
(b) Re-visits	107
(ii) Contacts:	
(a) First visits	26
(b) Re-visits	219
(iii) Miscellaneous visits	<u>112</u>
Total visits to all cases :	<u>476</u>

HOME HELP SERVICE

Cases attended during the period from 1st October, to 31st December, 1960.

Aged under 65 years					Aged over 65 years			Special cases
Confine-ment at home	Confine-ment away from home	Tuber-oulo-sis	Chronic sick	All other cases	Tuber-oulo-sis	Chronic sick and infirm	All other cases	
6	1	1	3	28	1	216	1	-

PART IIISANITARY CIRCUMSTANCES OF THE AREA, ETC.Sewage Disposal.

Sewage up to three times dry weather flow is treated at the Manchester Corporation Works at Davyhulme.

Volumes in excess of six times dry weather flow are discharged to the River Irk by means of storm over-flows.

The only areas without proper drainage system are the villages of Birch and Bowlee with the exception of isolated farmhouses.

Water Supply.

The town is supplied with water by the Heywood and Middleton Joint Water Board. The supply is upland water, of good quality. Details of the catchment area and reservoir installations have been given in previous reports.

No. of houses supplied by the Joint Board 17,878
No. of baths in the Borough 13,611

During the year the following examinations were made and the results were satisfactory -

(a) Raw Water - Bacteriological	...	...	...	104
Chemical	...	...	...	104
(b) Water going into supply where treatment is installed -				
Bacteriological	...	...	...	120
Chemical - Full	...	...	...	48
Modified	...	...	...	72
				120

Chlorination of the water is in operation, the dosage being 0.2 parts per million.

Supplies are collected from moorland gathering grounds, stored in impounding reservoirs, subjected to chalk addition and sedimentation, passed through sand filters and chlorine added when entering supply pipes.

An underground supply (Ridd Pit Borehole) can be used to augment supplies if required, water being pumped from the borehole to Clay Lane Storage Reservoir and mixed with moorland supplies prior to treatment.

The Analyst declares the water as supplied to the consumer to be "free from lead".

As a precaution against contamination, chalk is added at the rate of $1\frac{1}{2}$ grains per gallon and when necessary Soda Ash is added at the rate of $\frac{1}{2}$ grain per gallon.

Existing water mains have been extended by 7,162 yards during the year, for housing development.

Well Water.

A small number of outlying farms have independent water supplies from wells.

Closet Accommodation.

The following is a list of the types of closets existing in the borough at the end of the year:-

TABLE 10.

Pail closets	187
Waste-water closets	1,798
Fresh-water closets	14,588

Refuse Collection.

Seven "S and D" Freighters, including three Fore and Aft Tippers are engaged on this work. With the exception of the Fore and Aft Tippers, the vehicles are fitted with steel sliding shutters to the bodies to minimise nuisance from dust.

There are approximately 17,507 moveable dustbins, 575 ashpits, 133 special containers and 187 pail closets in the Borough.

The majority of the pail closets are in connection with premises in the villages of Birch and Bowlee which are not sewered.

Refuse Disposal.

A total of 14,690 tons of household refuse was collected by the department. Of this, 7,060 tons were dealt with by the Separation and Salvage Plant and 7,630 tons were disposed of by controlled tipping.

TABLE 11.

INCOME FROM SALES OF SALVAGED MATERIALS.

	T.	C.	Q.	£	s	d
Baled Tins	261	15	2	2099	3	3
Screened Fuel	66	15	-	50	1	3
Baled Fibreboard	110	19	2	1054	5	1
Baled Textiles	1	19	2	6	19	6
Light Scrap	19	9	1	102	18	4
Scrap Bedsteads	4	3	2	20	17	6
Heavy Scrap	1	13	1	14	2	8
Scrap Rubber	1	13	-	11	11	0
Mixed Paper	1	16	1	10	17	6
Total	470	4	3	3370	16	1
Screened Dust	3,955	-	-	Used for land reclamation.		

TABLE 12.

SANITARY INSPECTION OF THE AREA.

The following tables give details of the various inspections carried out by the Public Health Inspectors during the year:-

Record of Inspections.

<u>Public Health Act, 1936.</u>	<u>Inspections made, etc.</u>
Drainage work	1,613
Tents, vans, sheds etc.	8
Stables, piggeries, farms etc.	33
Schools	256
Houses	389
Investigations of Infectious Diseases	289
Verminous conditions and Disinfestation	66
Conversions	506
Water supply	28
Miscellaneous visits and re-visits	1,271
Total	<u>4,459</u>

Housing Acts, 1936 - 1957.

Houses inspected	774
Measured for permitted number	5
Investigations - overcrowding	9
Miscellaneous visits and re-visits	1,294
Total	<u>2,082</u>

Food and Drugs Act, 1955.

Samples taken -		
Milk designated, for Bacteria	-)	
Milk for chemical analysis	108)	
Dry Foods for chemical analysis	56)	164
Food preparing etc. premises		22
Dairies		51
Markets and shops		405
Unsound food		79
Butchers' shops		88
Fish and chip shops		23
Ice Cream shops		12
Fishmongers		12
Greengrocers		38
Milk Vehicles		108
Milk shops		6
Grocers' shops		186
Bakehouses		28
Miscellaneous visits and re-visits		18
Total		<u>1,240</u>

Factories Act, 1937.

	<u>Inspections made, etc.</u>
Factories	185
Outworkers	102
Building Sites	12
	<hr/>
Total	299

Shops Acts.

Hours of closing	15
Health, etc. (Sec. 38)	60
	<hr/>
Total	75

Diseases of Animals Acts 5Prevention of Damage by Pests Act, 1949.

Rat infestations	407
Mice infestation	117
Re-inspections carried out	1,085
	<hr/>
Total	1,609

Clean Air Act, 1956.

Number of visits	3,160
Smoke Observations	1
	<hr/>
Total	3,161

Miscellaneous Visits.

Re-inspection where notices in force ...	1,210
Interviews with owners, builders, etc. ..	497
Works in progress	12
Public conveniences	108
Meetings	36
Tip and salvage depot	454
Refuse Collection	2,185
	<hr/>
Total	4,502

Total Number of Visits 17,432

Complaints.

Number of complaints during the year ... 1,347

Notices.

Informal notices served	521
Informal notices complied with	351
Statutory notices served	2
Statutory notices complied with	1

TABLE 13.

Work carried out in compliance with Notices.

Waste water closets choked	72
Bins cleared, repaired or reconstructed ...	205
Rainwater pipes and eavesgutters repaired ...	35
Water closets repaired	23
Bins provided	27
Accumulations	11
Defective brickwork	5
Roofs repaired	33
Other nuisances abated	187
Plasterwork repaired	13
Floors repaired	13
Waste pipes remedied	7
Doors repaired	13

TABLE 14.

FACTORIES ACT, 1937.

Defects found	45		
Written Notices served:-	1		
Verbal Notices given:-	31		
(a) Sanitary defects ..	5	Remedied	5
(b) Other defects ...	40	Remedied	40

TABLE 15.

ERADICATION OF BED BUGS.

(a) No. of Council houses found to be infested	40
" " " " disinfecting ...	40
(b) No. of other houses found to be infested	45
" " " " disinfecting ...	45

HOUSING.TABLE 16.Statistics.

<u>Number of new houses erected during the year.</u>	<u>Traditional permanent houses.</u>	<u>Flats.</u>
1. By the local authority	254	64
2. By other local authorities	7	-
3. By other bodies or persons	278	-

1. Inspection of dwelling houses during the year:-

- (1) (a) Total number of dwelling houses inspected formally or informally for housing defects (under Public Health or Housing Acts) 1163
- (b) Number of inspections, formal or informal, made for the purpose 3089
- (c) Number of dwelling houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit 521
- (2) Total number of dwelling houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit 173

2. Houses Demolished:-

<u>In Clearance Areas:</u>	<u>Houses Demolished</u>	<u>Displaced during year.</u>	
		<u>Per-sons</u>	<u>Famil-ies.</u>

- (1) Houses unfit for human habitation 292 812 293
- (2) Houses included by reason of bad arrangement, etc. - - -
- (3) Houses on land acquired under Section 43(2), Housing Act, 1957 7 24 7

Not in Clearance Areas:

- (4) As a result of formal or informal procedure under Section 17(1), Housing Act, 1957 - - -
- (5) Local Authority owned houses certified unfit by the Medical Officer of Health - - -
- (6) Houses unfit for human habitation where action has been taken under local Acts - - -
- (7) Unfit houses included in Unfitness Orders - - -

3. Unfit Houses Closed:-

	<u>Number.</u>	<u>Displaced during year.</u>	
		<u>Per-sons.</u>	<u>Famil-ies.</u>
(1) Under Sections 16(4), 17(1) and 35(1), Housing Act, 1957	2	9	2
(2) Under Sections 17(3) and 26, Housing Act, 1957	-	-	-
(3) Parts of buildings closed under Section 18, Housing Act, 1957	-	-	-

4. Unfit Houses made Fit and Houses in which Defects were Remedied:-

	<u>By Owner.</u>	<u>By Local Authority.</u>
(1) After informal action by local authority	521	-
(2) After formal notice under		
(a) Public Health Acts	1	-
(b) Sections 9 and 16, Housing Act, 1957	-	-
(3) Under Section 24, Housing Act, 1957	-	-

5. Unfit Houses in Temporary Use (Housing Act, 1957):-

	<u>No. of houses.</u>	<u>No. of separate dwellings contained in Column 1.</u>
--	-----------------------	---

Position at end of year:

(1) Retained for temporary accommodation -		
(a) Under Section 48	-	-
(b) Under Section 17 (2)	-	-
(c) Under Section 46	-	-
(2) Licensed for temporary occupation under Sections 34 or 53	-	-

6. Purchase of Houses by Agreement:-

	<u>No. of houses.</u>	<u>No. of occupants of houses in Col. 1.</u>
--	-----------------------	--

Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year.

- -

7. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958 - Improvement grants, etc:-

Action during year:	Private bodies or individuals.		Local Authority.	
	No. of schemes.	No. of buildings affected.	No. of schemes.	No. of buildings affected.
(a) Submitted by private individuals to local authority ...	6	6	-	-
(b) Approved by local authority	6	6	-	-
(c) Submitted by local authority to Ministry -	-	-	-	-
(d) Finally approved by Ministry	-	-	-	-
(e) Work completed	8	6	-	-
(f) Additional separate dwellings included in (e) above	3	-	-	-
(g) Any other action taken under the Acts ...	-	-	-	-

8. House Purchase and Housing Act, 1959 - Standard grants:-

Action during year:	No. of dwellings or other buildings affected.
(a) Submitted to local authority	70
(b) Approved by local authority	65
(c) Work completed	52

HOUSING ACTS, 1936 to 1957.

Summary of houses in areas recommended for clearance in Fifth Year's Programme.

Designation.	Houses referred to	No. of Houses.
The Foxall Street, Rhodes, Clearance Area, 1960.	Nos. 13,15,17,19 Foxall Street.	4
The Boardman Lane and Foxall Street Clearance Area, 1960	Nos. 48,50,52,54,56,58,60,62,64,66,68 Boardman Lane, Nos. 1,3,5,7, Foxall Street.	15
The Boarshaw Road Clearance Area, 1960	Nos. 48,48A and 1 off 48 Boarshaw Road.	3
The Fielding Street Clearance Area, 1960	Nos. 77,79,81,83,85,87,89 Fielding Street.	7

<u>Designation.</u>	<u>Houses referred to.</u>	<u>No. of Houses.</u>
The Fielding Terrace Clearance Area, 1960	Nos. 4,5,6,7,8, Fielding Terrace.	5
The Wince Brook Clearance Area, 1960	Nos. 1,3,5,7,9,11 Wince Brook.	6
The Palm Street Clearance Area, 1960	Nos. 2,4,6,8,10,12,14, Palm Street.	7
The Assheton Street, King Street and Edward Street Clearance Area, 1960.	Nos. 44,46, Assheton Street, Nos. 33,35,37,39,41, King Street, Nos. 38,40 Edward Street.	9
The Higher Cross Street and Wood Street West Clearance Area, 1960.	Nos. 6,8,10 Higher Cross Street, Nos. 92, 94 Wood Street West.	5
The Holland Street, Bradshaw Street Clearance Area, 1960.	Nos. 2,4, Holland Street, Nos. 8, 10 Bradshaw Street.	4
The Grimshaw Lane Clearance Area, 1960	Nos. 289,291,293, 295,297, Grimshaw Lane.	5
The Railway Terrace Greaves Street and Shaw Street Clearance Area, 196	Nos. 1,2,3,4,5,6,7,8,9,10,11, 12, Railway Terrace, Nos. 2,4, 6, Greaves Street, Nos. 1,3,5, 7, 11,13,15, Shaw Street.	23
The Cheapside, Church Street, King Street, New Lane and Union Street Clearance Area, 1960.	Nos. 7 King Street, No. 4 Cheap- side, Nos. 61,59,57,55,53,51,47, 45,43,41,39,37,Union Street,Nos.9, 11, King Street, Nos. 30,32,34,36, 38,40,42,44,46,48,50,52,54,56,56A, 58,60,62,64,66,68 Union Street, Nos. 6,8 Cheapside, Nos. 65,63,63A, 61,59,57,55,53,51,49,47,45,43,41, 39,37,35,33,31,29,27,25 Church Street, Nos. 17,15,13,14,16,18,20, 22,24 King Street, garage adjoining No. 21 Church Street, Nos. 21,19, 17,15,13,11,9,7,5,3,1A,1 Church Street, Nos. 21,15 New Lane, Nos. 2,4,6,8,10,12 Union Street, No. 1 off Church Street, Nos. 14,14A,16, 18,20,22,24,26,28 Union Street	101

194

Individual Unfit Houses dealt with.

No. 1 Morton Street.	
No. 3 Lower Cross Street.	
No. 640 Manchester Old Road, Rhodes.	
Nos. 200 and 202 Hollin Lane.	
Nos. 25 King Street and 40 High Street.	
Nos. 2 and 4 Algernon Street.	
No. 77A Manchester Old Road.	
Nos. 83 and 83A Sandy Lane.	11

Grand Total

205

INSPECTION AND SUPERVISION OF FOOD.(a) Food and Drugs Acts.

The number of samples submitted for analysis during the year was 164, particulars of which are given below:-

TABLE 17.

<u>Samples.</u>	<u>Number.</u>	<u>Genuine.</u>
Milk	108	108
Apples	2	1
Blancmange	1	1
Potted Shrimps	1	1
Dandelion and Burdock	1	1
Salad Cream	2	1
Iodine Paint	1	1
English Cream	1	1
White Pepper	2	2
Dripping	2	2
Malt Vinegar	1	1
Castor Oil B.P.	2	2
Margarine	2	2
Tea	1	1
Malt Extract with Cod Liver Oil	1	1
Olive Oil	1	1
Flour	2	2
Liquid Paraffin	1	1
Pure Ground Coffee	1	1
Liquid Paraffin Emulsion	1	1
Fruit Salts	1	1
Barley	2	1
Bi-Carbonate of Soda	1	1
Penicillin Tablets	3	3
Lard	1	1
Honey	1	1
Semolina	1	1
Vanilla Slice	1	-
Pepper	1	1
Vitamin C Tablets	1	1
Liquorice Tablets	1	1
Epsom Salts	1	1
Desiccated Coconut	1	1
Bread	1	1
Marmalade	1	1
Chemical Food	1	1
Christmas Pudding	1	1
Ground Almonds	1	1
Steaklets	1	-
Dried Raisins	1	1
Dried Apricots	1	1
Port Type Wine	1	1
Sago	1	-
Glace Cherries	1	1
Sage and Onion Stuffing	1	1
Mince Meat	1	1
Bread Sandwich containing roast pork and stuffing	1	-
Total	164	157

<u>Sample of Fresh Apples.</u>	Contained Lead 2.3 parts per million. Recommended maximum limit 2 parts per million. Importers informed.
<u>Sample of Salad Cream.</u>	Found to have the metal cap of the bottle corroded through. Appearance of old stock, sample otherwise genuine. Stock examined and surrendered as necessary.
<u>Sample of Barley.</u>	Found to be heavily infested with live mites. Remaining stock examined and surrendered.
<u>Sample of Vanilla Slice.</u>	Contained a small beetle resembling SITONA HISPIDULUS. The bakery proprietor was cautioned but as this insect is principally a pest of growing crops rather than an indication of bakery infestation, no further action was taken.
<u>Sample of Steaklets.</u>	Found to have a meat content of only 83%. No action advised.
<u>Sample of Sago.</u>	Consisted of Tapioca. Vendor informed.
<u>A Broad Sandwich containing roast pork and stuffing.</u>	Found to contain broken glass as a result of an accident in the shop where the sandwich was prepared. The Public Analyst's suggestion that the vendor be cautioned was carried out.

TABLE 18.

(b) Meat and Other Food Condemned.

	Tons.	Cwts.	Qrs.	Lbs.	Ozs.
Canned Cooked Ham	-	-	2	15	1
" Corned Beef	-	1	3	4	11
" Cooked Pork	-	-	3	1	14
" Luncheon Meat	-	-	-	19	15
" Stewed Steak	-	-	1	26	2
" Fish	-	-	-	18	12 $\frac{1}{2}$
" Other Meats	-	-	3	24	10
Loose Meats	-	1	3	17	2
Sausages	-	-	-	22	13
Bacon	-	1	1	1	10
Canned Rice	-	-	1	3	1 $\frac{1}{2}$
Sweets and Confectionery	-	-	-	15	15
Canned Vegetables	-	1	1	16	8
Cheese and Butter	-	-	1	27	1 $\frac{1}{2}$
Preserves	-	-	-	3	9
Soups	-	-	-	14	5 $\frac{1}{2}$
Barley	-	-	3	4	-
Flour	-	-	-	3	-
Oats and Sago	-	-	-	5	3 $\frac{1}{2}$
Miscellaneous	-	-	-	5	12

TABLE 18. (continued).

Meat and Other Food Condemned.

Evaporated Milk	35 Tins
Thick Cream	8 Tins
Cereals	7 Packets
Pies	10

TABLE 19.

Milk Supply.Milk and Dairies Regulations, 1949.

No. of registered distributors operating from:-

(a) Dairies in the district	17
(b) Shops in the district other than dairies ..	88
(c) Premises outside the district	14

TABLE 20.

The Milk (Special Designation) (Raw Milk) Regulations, 1949:-

No. of dealers' licences (including supplementary licences) issued by the local authority during the year in respect of:-

"Tuberculin Tested" Milk	24
---------------------------------	----

The Milk (Special Designation) (Pasteurised and Sterilised) Milk Regulations, 1949:-

No. of licences issued in respect of "Heat Treated" Milk:-

Pasteurising Plants	Nil.	Sterilizing Plants	Nil.
---------------------	------	--------------------	------

Retail Distributors	(a) "Pasteurised"	28
	(b) "Sterilized"	103
	(c) "Tuberculin Tested" (Pasteurised)	31

APPENDIX.

FACTORIES ACTS, 1937 to 1959.

Prescribed Particulars on the Administration
of the Factories Act, 1937.

PART 1 OF THE ACT.

1 - INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises	Number on Register	Inspections	Number of	
			Written notices	Occupiers prosecuted.
1. Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities ... #	6	6	-	-
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority	132	167	1	-
3. Other Premises in which Section 7 is enforced by the Local Authority X (excluding out-workers' premises)	17	21	-	-
Total	155	194	1	-

2 - Cases in which DEFECTS were found (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1)	1	1	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-

Particulars.	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	4	4	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including Offences relating to Out-work)	40	40	-	2	-
Total	45	45	-	2	-

■ To prevent any differences between the lists kept respectively by the Local Authorities and H.M. Inspectors of Factories of the numbers of factories in which sections 1, 2, 3, 4 and 6 of the Factories Act, 1937 are enforced by Local Authorities, it is requested that Local Authorities should compare their lists of factories with the lists kept by H.M. Inspectors of Factories.

✕ i.e. Electrical Stations (Section 103 (1)) Institutions (Section 104) and sites of building operations and works of engineering construction (Sections 107 and 108).

PART VIII OF THE ACT.

OUTWORK (Sections 110 and 111).

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Section 110 (1) (c)	No. of cases in default in sending lists to the Council.	No. of prosecutions for failure to supply lists.	No. of instances of work in un-whole some premises.	Notices served	Prosecutions
Wearing Apparel:						
Making & cleaning and washing.	41	-	-	-	-	-
Total	41	-	-	-	-	-

No other out-work is undertaken in the Borough.



