

[Report 1966] / Medical Officer of Health, Grimsby R.D.C.

Contributors

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THE HEALTH
OF
GRIMSBY RURAL DISTRICT

1966

GRIMSBY RURAL DISTRICT COUNCIL

Public Health Department,

Council Offices,

Immingham, Lincs.

Tel: Immingham 2201

Chairman of the Council
Councillor Reverend S. W. Goodman, J.P.

Chairman of the Public Health Committee
Councillor G.A. Robinson (Immingham)

Medical Officer of Health and Port Medical Officer
J.M.B. Carr, M.B. Ch.B. D.P.H.
(Appointed 15th February 1966)

Chief Public Health Inspector
A.F.C. Kent, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors

E.H. Barnett, Cert. R.S.H., Cert. M & F Insp.	(Resigned 31/7/66)
D.W. Naylor, P.H. Insp. Diploma.	(Appointed 11/7/66)
D. Lingard, Cert. R.S.H., Diploma M & F Insp.	(Appointed 12/9/66)
J. Hufford, Cert. R.S.H. Cert. M & F Insp.	(Appointed 1/11/66)

Pupil Public Health Inspectors
D.W. Naylor, P.H. Insp. Diploma, July 1966
S.L. Harrison, (Appointed 7/11/66)

Clerk/Typist
Mrs. J. Deer, (Appointed 3/1/66)

BRITISH MEDICAL ASSOCIATION COUNCIL

Public Health Department,

Council Offices,

Lincoln, Lincoln.

Ref: Lincoln 2201

Chairman of the Council
Council Office, 2, W. Lincoln, L.P.

Chairman of the Public Health Committee
Council Office, 2, W. Lincoln (Lincoln)

Medical Officer of Health and Port Medical Officer
J.A.B. Carr, M.B., D.P.H.
(Appointed 15th February 1966)

Chief Public Health Inspector
A.P.C. Kent, M.B., D.P.H., M.A.P.H.I.

Additional Public Health Inspectors
R.H. Barnett, Cert. R.S.H., Cert. M & P Insp. (Resigned 11/7/66)
D.W. Maylor, F.H. Insp. Diploma. (Appointed 11/7/66)
D. Lindsay, Cert. R.S.H., Diploma M & P Insp. (Appointed 12/7/66)
J. Hurford, Cert. R.S.H., Cert. M & P Insp. (Appointed 11/7/66)

Public Health Inspectors
D.W. Maylor, F.H. Insp. Diploma, July 1966
S.L. Harrison, (Appointed 11/7/66)

Glaxo/Typhoid
Mrs. A. Dear, (Appointed 11/7/66)

GRIMSBY RURAL DISTRICT COUNCIL

REPORT OF THE MEDICAL OFFICER OF HEALTH

TO THE CHAIRMAN AND MEMBERS OF
THE GRIMSBY RURAL DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present the Annual Report on the state of the public health in the Grimsby Rural District for the year 1966. The statistics indicate a healthy community.

I should like to express my appreciation of the help and consideration given me by the Chairman and members of the Public Health Committee.

I am grateful to the County Medical Officer and his Staff for information relating to the Lindsey County Council's services in the District.

I would like to thank Mr. Kent and the Health Department Staff for their willing help and co-operation throughout the year.

I have the honour to be,

Your obedient Servant,

J.M.B. CARR

Medical Officer of Health.

GENERAL DESCRIPTION OF THE AREA.

The Grimsby Rural District is in an area of 39,251 acres in the north east part of Lincolnshire. It surrounds the towns of Grimsby and Cleethorpes and extends along the Bank of the Humber. Much of the district is rich agricultural land, but since the Humber Bank has been industrially developed, large chemical complexes are a feature of the District. Indeed, it is now the foremost sulphuric acid producing area in Great Britain.

The Port of Immingham lies within this area and the township of Immingham, which is situated behind the Docks, is developing rapidly.

Registrar General's estimated mid-year population	24,080
Estimated increase in the population	1,280
Density of population per square mile	393
Number of inhabited houses at the end of 1966	7,983
Number of houses completed during 1966	506
Rateable Value	£2,035,299
Product of a penny rate	£8,925

VITAL STATISTICS.

Deaths:-

	1966	1965
Total number of deaths	195	205
Death rate per 1,000 population	8.1	9.0
+ Standardised death rate. (ACF 1.09)	8.8	9.7

Live Births:-

Number of legitimate live births	578	553
Number of illegitimate live births	32	17
TOTAL NUMBER OF LIVE BIRTHS	610	570
Birth rate per 1,000 population	25.3	25.0
+ Standardised Birth rate (ACF 0.89)	22.5	22.3
Illegitimate live births % of total live births	5.2	3.0

Stillbirths:-

Number of stillbirths	9	8
Rate per 1,000 live and stillbirths	14.5	13.8
Total live and stillbirths	619	578

Infant Deaths:-19661965

Number of deaths under 1 year	9	5
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Infant Mortality Rates:-

Total infant deaths per 1,000 live births	...	14.8	8.8
Legitimate infant deaths per 1,000 legitimate live births	...	13.8	9.0
Illegitimate infant deaths per 1,000 illegitimate births	...	31.2	Nil

Neo-Natal Mortality Rate:-

Deaths of infants under 4 weeks per 1,000 live births	13.1	7.0
Total infant deaths under 4 weeks	8	4

Early Neo-Natal Mortality Rate:-

Deaths of infants under 1 week per 1,000 live births	8.2	7.0
Total infant deaths under 1 week	5	5

Perinatal Mortality Rate:-

Stillbirths and deaths under 1 week per 1,000 total live and stillbirths	22.6	20.8
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Maternal Mortality Rate (Including Abortion):-

Number of deaths	Nil	1
Death rate per 1,000 live and stillbirths	Nil	1.7

+ These standardised rates are corrected to take account of the differing proportions of old and young people in the area, and make the resulting rate comparable with the crude rate for England and Wales or the adjusted rate for other districts.

STATISTICS FOR GRIMSBY RURAL DISTRICT COUNCIL SINCE 1957.

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Estimated Mid Year Population	14,590	15,040	15,440	16,270	17,650	18,500	19,910	21,460	22,800	24,080
Density (persons per square mile)	238	245	251	265	287	302	325	350	372	393
Habitable Houses	4,805	5,023	5,260	5,329	6,046	6,460	6,871	7,013	7,529	7,983
Births (a) Number	283	273	310	318	363	413	499	540	570	610
(b) Rate per 1000 popln.	19.4	18.2	20.5	19.5	19.9	21.7	23.1	22.7	22.3	22.5
Stillbirth Rate	10.5	31.9	19.0	27.5	24.8	20.6	8.0	16.4	13.8	14.5
Deaths (a) Number	155	147	137	151	182	171	168	184	205	195
(b) Rate per 1000 popln.	10.6	9.8	9.7	10.6	12.2	10.9	9.7	8.8	9.7	8.8
Infant Mortality Rate (deaths under 1 year of age)	10.6	18.3	6.5	15.7	33.1	9.7	10.0	16.7	8.8	14.8
Neonatal Mortality Rate (deaths under 4 weeks of age)	N/A	11.0	6.5	15.7	16.5	9.7	6.8	11.1	7.0	13.1
Early Neonatal Mortality Rate (deaths under 1 week of age)	N/A	N/A	6.5	9.4	8.3	9.7	6.8	9.3	7.0	8.2
Perinatal Mortality Rate (stillbirths and deaths under 1 wk of age)	N/A	N/A	25.3	36.7	32.9	35.4	19.8	25.5	20.8	22.6

COMPARATIVE STATISTICS FOR 1966.

	Grimsby R.D.C.	Lindsey C.C.	England & Wales (Prov.data)
Birth Rate	22.5	18.5	17.7
Stillbirth Rate	14.5	17.0	15.4
Death Rate	8.8	11.4	11.7
Infant Mortality Rate	14.8	20.4	19.0
Neonatal Mortality Rate	13.1	13.8	12.9
Early Neonatal Mortality Rate	8.2	12.4	11.1
Perinatal Mortality Rate	22.6	29.2	26.3

POPULATION.

The natural increase in the population, i.e. the excess of births over deaths, in 1966 was 415 which was 50 more than the figure of 365 for 1965.

The Registrar General's estimated mid year population of 24,080 is 1,280 above the 1965 figure. This compares with the estimated increase of 1,340 for the previous year. The estimated increase due to migration is 865 which is 110 less than last years figure.

BIRTHS.

There were 610 live births in the Rural District in 1966. This gives a crude birth rate of 25.3 per 1,000 population and a corrected birth rate of 22.5. (The Registrar General's comparability factor being 0.89). This figure is well above the birthrate for England and Wales which for 1966 was 17.7 per 1,000 population.

The birth rate in the district had fallen steadily since 1963 but this year shows a slight increase over last years figure. Nationally there has been a tendency for a steady fall in the birth rate since late 1964.

There were 32 illegitimate births in 1966 compared with 17 in 1965. The percentage of all live births was 5.2 (3.0 in 1965) which compares favourably with the figure for England and Wales which is 7.7% of the total live births.

CAUSES OF DEATH.					1966		Totals	
					Males	Females	1966	1965
1. Tuberculosis, Respiratory	...	...	...	...	-	-	-	1
2. Tuberculosis, other	...	...	...	...	-	-	-	-
3. Syphilitic disease	...	...	...	...	-	-	-	-
4. Diphtheria	...	...	...	...	-	-	-	-
5. Whooping Cough	...	...	...	...	-	-	-	-
6. Meningococcal infections	...	...	...	...	-	-	-	-
7. Acute Poliomyelitis	...	...	...	...	-	-	-	-
8. Measles	...	...	...	...	-	-	-	-
9. Other infective or parasitic diseases	...	...	...	...	-	-	-	-
10. Malignant Neoplasm, stomach	...	...	...	...	3	4	7	6
11. Malignant Neoplasm, lung, bronchus	...	...	...	...	5	-	5	4
12. Malignant Neoplasm, breast	...	...	...	...	-	-	-	6
13. Malignant Neoplasm, uterus	...	...	...	...	-	3	3	1
14. Other malignant and lymphatic neoplasms	...	...	...	...	17	11	28	26
15. Leukaemia, aleukaemia	...	...	...	...	1	1	2	2
16. Diabetes	...	...	...	...	1	2	3	-
17. Vascular lesions of nervous system	...	...	...	...	7	14	21	26
18. Coronary disease, angina	...	...	...	...	29	15	44	57
19. Hypertension with heart disease	...	...	...	...	1	3	4	4
20. Other heart diseases	...	...	...	...	9	8	17	19
21. Other circulatory diseases	...	...	...	...	2	10	12	13
22. Influenza	...	...	...	...	-	1	1	-
23. Pneumonia	...	...	...	...	3	3	6	6
24. Bronchitis	...	...	...	...	8	2	10	2
25. Other diseases of the respiratory system	...	...	...	...	1	-	1	2
26. Ulcer of the stomach and duodenum	...	...	...	...	1	1	2	2
27. Gastritis, enteritis and diarrhoea	...	...	...	...	-	1	1	3
28. Nephritis, and nephrosis	...	...	...	...	1	-	1	1
29. Hyperplasia of prostate	...	...	...	...	1	-	1	1
30. Pregnancy, childbirth, abortion	...	...	...	...	-	-	-	1
31. Congenital malformations	...	...	...	...	2	1	3	-
32. Other defined and ill-defined diseases	...	...	...	...	7	7	14	14
33. Motor vehicle accidents	...	...	...	...	3	-	3	2
34. All other accidents	...	...	...	...	2	3	5	6
35. Suicide	...	...	...	...	1	-	1	-
36. Homicide and operations of war	...	...	...	...	-	-	-	-
TOTALS	...	...	...	...	105	90	195	205

DEATHS.

The total number of deaths from all causes has fallen from 205 in 1965 to 195 in 1966 to give a corrected death rate of 8.8 per 1,000 population. This is lower than last years figure and is well below the national figure of 11.7.

Diseases of the heart and circulatory system continue to be the main cause of death accounting for 98 deaths or 50% of the total deaths. Coronary disease is much the most important single cause of death.

Cancer in all its forms accounted for 45 deaths or 23% of the total deaths.

Deaths due to cancer and diseases of the heart and circulatory system account, therefore, for 73% of the deaths in the district. These are, to a large extent, preventable diseases; overeating, heavy cigarette smoking and lack of exercise being the main contributory factors.

Deaths in Age Groups - 1966.

Age	Male	Female	Total
Under 4 weeks	4	4	8
4 weeks and under 1 year	-	1	1
1 - 4 years	1	2	3
5 - 14 years	2	-	2
15 - 24 years	4	-	4
25 - 34 years	2	2	4
35 - 44 years	1	-	1
45 - 54 years	9	5	14
55 - 64 years	11	8	19
65 - 74 years	33	26	59
75 and over	38	42	80
Total number of deaths	-----		195

The longevity of the population is shown by the fact that 41% of the deaths in the district were amongst people aged 75 and over and 71% in those aged over 65.

Stillbirths and Infant Mortality.

There were 9 stillbirths in 1966 (one more than in 1965) and 9 infant deaths under 1 year (5 in 1965). The rates for stillbirths (14.5 per thousand live and stillbirths) and infant deaths (14.8 per thousand live births) compare very favourably with the figures for England and Wales.

Maternal Mortality.

There were no maternal deaths during the year.

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INFECTIOUS DISEASES.

Diseases notified during 1966.

Chicken Pox	41
Dysentery	5
Erysipelas	...	...	...	2
Influenzal Pneumonia	...	...	...	1
Measles	...	...	...	392
Scarlet Fever	...	...	...	40
Whooping Cough	...	...	...	4
Total				<u>485</u>

Distribution of Notifiable Diseases in Age Groups.

	Under 1 year	1-4 years	5-14 years	15-24 years	25-44 years	45-64 years	over 65 years	Total
Chicken Pox	4	19	16	-	2	-	-	41
Dysentery	1	1	-	1	2	-	-	5
Erysipelas	-	-	-	-	1	1	-	2
Influenzal Pneumonia	-	-	1	-	-	-	-	1
Measles	18	210	162	1	1	-	-	392
Scarlet Fever	1	13	26	-	-	-	-	40
Whooping Cough	-	2	2	-	-	-	-	4

Distribution of Notifiable Diseases in Parishes.

PARISH	Chicken Pox	Dysentery	Erysipelas	Food Poisoning	Influenzal Pneumonia	Measles	Scarlet Fever	Whooping Cough	TOTALS
Ashby cum Fenby	-	-	-	-	-	1	-	-	1
Aylesby	-	-	-	-	-	4	-	-	4
Barnoldby le Beck	4	-	-	-	-	-	-	-	4
Bradley	1	-	-	-	-	5	2	-	8
Beelsby	-	-	-	-	-	-	-	-	-
Brigsley	1	-	-	-	-	-	-	1	2
Great Coates	-	-	-	-	-	-	-	-	-
Habrough	-	-	-	-	-	4	-	-	4
Hatcliffe	-	-	-	-	-	1	-	-	1
Healing	-	-	-	-	-	20	2	-	22
Humberston	7	1	-	-	-	93	4	3	108
Immingham	9	1	1	-	-	98	-	-	109
Irby	-	-	-	-	-	3	-	-	3
Laceby	-	1	-	-	-	23	8	-	32
New Waltham	13	1	1	-	1	50	6	-	72
Ravendale	-	-	-	-	-	-	1	-	1
Stallingborough	1	-	-	-	-	34	-	-	35
Waltham	5	1	-	-	-	56	17	-	79
TOTALS	41	5	2	-	1	392	40	4	485

The Register of Tuberculosis for the year is as follows:-

	Pulmonary		Non Pulmonary		Total
	Male	Female	Male	Female	
Number of cases on the Register at 31st December, 1965	42	39	11	11	103
Added to the Register.					
(a) Cases notified for the first time during the year	3	2	-	-	5
(b) Cases brought to notice other than by formal notification (Transfers in etc)	3	2	-	-	5
Removed from the Register on account of death, change of address etc.	-	-	-	-	-
Number of cases on the Register at 31st December, 1966	48	43	11	11	113

Venereal Disease.

I am indebted to Dr. D.O. Stevenson for the following statistics which relate to patients from the Grimsby Rural District who attended the Special Treatment Centre, 38 Queen Street, Grimsby.

	Males	Females	Total
Early Syphilis	-	-	-
Late Syphilis	-	-	-
Congenital Syphilis	-	-	-
Gonorrhoea	7	3	10
Non Venereal Conditions	16	4	20
1966 Total	23	7	30
1965 Total	15	5	20

Measles.

Measles was much the most important infectious disease accounting for 445 of the notifications.

A safe vaccine which causes relatively little reaction is now available and it is to be hoped that the general use of the vaccine in the community will be established before the next biennial peak. Measles is an uncommon cause of death but the use of a vaccine is justified because of (i) the frequency and severity of complications of measles (ii) the upset and discomfort to the child and to the family of an attack of measles and (iii) the work load on the general practitioners during an epidemic.

Scarlet Fever.

There were 40 notifications of this disease during the year, an increase of 19 over the previous year. The incidence of Scarlet Fever appears to be increasing steadily, fortunately, most of the cases are mild and are easily treated by modern therapy.

Diphtheria.

The last case of diphtheria that occurred in the Rural District was in 1949. There is a great danger that lack of cases causes complacency in the public mind with a consequent apathy toward immunological procedures. It is essential that every effort is made to counteract this trend.

Poliomyelitis.

Since 1957 when vaccination against Poliomyelitis was commenced there has only been one case and that was in 1958. It is important that the vaccination state of the community be maintained in this disease as a fall in herd immunity could soon allow the virus to make its presence felt.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

(A) LABORATORY FACILITIES.

These are available for the examination of nose and throat swabs, sputum etc., at the Public Health Laboratory, Lincoln, and the Pathological Department at the Grimsby General Hospital. I am grateful to Dr. Croll and to Dr. Lawy for their help and advice.

(B) AMBULANCE FACILITIES.

These are provided by the Lindsey County Council.
Telephone Number - Cleethorpes 62912

(C) HOSPITALS.

(a) General Hospitals - Facilities for treatment are available at the Scartho Road Hospital and at the Grimsby General Hospital.

(b) Maternity Hospitals - Patients from this district are admitted to Nunsthorpe Maternity Hospital, Grimsby, or the Croft Baker Maternity Hospital, Cleethorpes.

(c) Springfield Infectious Diseases Hospital - This hospital provides facilities for the investigation and treatment of infectious diseases including Tuberculosis. There are also facilities for the care of 66 chronic sick patients.

(d) Immingham Hospital - This small hospital provides 33 beds for the treatment of elderly chronic sick patients.

(e) Smallpox Hospital, Laceby. - This hospital has now been closed. Patients with smallpox now have to be sent to Hallwood Hospital, Chapeltown, Nr. Sheffield.

(D) CLINICS - Lindsey County Council.

(a) Cleethorpes Clinic, St. Hugh's Avenue, Cleethorpes. (Tel: Cleethorpes 61201)

<u>Clinic</u>	<u>Day</u>	<u>Hours</u>
School	Monday	10.00a.m. (by appointment)
Eye	Friday	9.30a.m. (by appointment)
Infant Welfare	Monday & Thursday	2.00p.m.
Toddlers' Clinic	Tuesday & 2nd Wednesday	2.00p.m. (by appointment)
Relaxation Classes	Tuesday	10.15a.m. (by appointment)
Poliomyelitis Vaccination	3rd Wednesday	2.00p.m. (by appointment)
Immunisations	1st Wednesday	2.00p.m. (by appointment)
Dental	Daily	By appointment
Speech Therapy	Monday & Thursday	1.30p.m. (by appointment) 9.30a.m. and 1.30p.m. (by appointment)

Chiropody Monday, Tuesday & Thursday (by appointment)

Cytology (Cervical Smear) Friday 2.00p.m. (by appointment)

(b) Immingham - former Air Raid Shelter, Humberville Road.

Infant Welfare Every Monday 2.00p.m.

(c) Laceby - The Clinic, 58 Caistor Road. (Laceby 485)

Infant Welfare Every Wednesday 2.00p.m.

Toddlers 1st & 3rd Tuesday 9.30a.m.

Relaxation Every Thursday 2.00p.m.

(d) New Waltham - The Clinic, Anningson Lane, (Humberston 2578)

Infant Welfare Every Wednesday 2.00p.m.

Toddlers 1st & 3rd Tuesday 9.30a.m.

Relaxation Every Thursday 2.00p.m.

(e) Waltham - Ross Hall

Infant Welfare Every Friday 2.00p.m.

Toddlers 2nd & 4th Friday 9.30a.m.

(f) Humberston - The Clinic, St. Thomas's Close (Humberston 2238)

Infant Welfare Every Tuesday 2.00p.m.

Toddlers 2nd & 4th Tuesday 9.30a.m.

(g) Healing - The Clinic, Station Road. (Healing 3288)

Infant Welfare Every Thursday 2.00p.m.

(E) OTHER CLINICS.

(a) Child Guidance Clinic, Heneage Road, Grimsby. (by appointment)

(b) Chest & Tuberculosis Clinic, Abbey Road, Grimsby. (by appointment)
(TEL: Grimsby 2030)

(c) Venereal Disease Special Treatment Centre Queen Street, Grimsby. (Tel: Grimsby 4754) (by appointment)

(d) Family Planning Clinic, Health Centre, Milton Road, Nunsthorpe, Grimsby. Every Tuesday and Thursday 7p.m. to 9p.m.

(F) MIDWIFERY AND HOME NURSING SERVICES

This year has seen the introduction of nursing teams by Lindsey County Council. Two teams, the Immingham and Cleethorpes teams, cover the area of the Rural District. Their constitution and method of contacting are as follows:-

(a) Immingham Nursing Team.

Area - Immingham and surrounding villages.

Composition of Team.

Team Leader and Midwife.

Miss. H.A. Tebboth, S.R.N. S.C.M. 3, Briggsley House, Immingham.
TEL: Immingham 2158.

Midwives.

Mrs. M.R. Newham, S.R.N. S.C.M. 11, Stainton Drive, Immingham.
TEL: Immingham 2369

Mrs. M. Johnson, S.R.N. 66, Columbia Road, Grimsby.
TEL: Grimsby 3866

General Nurses.

Mrs. C.J.F. Foulger, S.R.N. 3, Maple Close, Healing.
Mrs. J.N. Beacock, S.R.N. Highfield Farm, Immingham.

Messages for general nursing care or health visitors can be left on the Robophone at Healing Clinic. Telephone Healing 3288.

also in the team are 1 S.E.N. and 1 bathing attendant.

Associated Health Visitors.

Miss J.P. Cosnett, S.R.N. S.C.M. H.V. Cert. The Clinic, Station Road, Healing.
TEL: Healing 3288

Miss H.M. Naylor, S.R.N. H.V. Cert. High Street, Caistor.
TEL: Caistor 276

(b) Cleethorpes Nursing Team.

Area - Cleethorpes and surrounding rural area.

Team Leader.

Mrs. F.M. Cash, S.R.N. 161 Clee Road, Cleethorpes.

General Nurses.

Mrs. E.A. Nicholls, S.R.N. S.C.M. 26, Windermere Grove, Humberston.
 Mrs. J. Hoyle, S.R.N. 75, Bradford Avenue, Cleethorpes.
 Mrs. C. Gibson, S.R.N. 54, Suggitts Lane, Cleethorpes.

All messages for general nursing care can be left at the Ambulance Station, Poplar Road, Cleethorpes. Telephone Cleethorpes 62912

Any of the following midwives may be contacted:-

Miss H.M. Fawcett, S.R.N. S.C.M. 85, Granville Street, Grimsby.
 Tel: Grimsby 56008

Miss M. Hargadon, S.C.M. 127, Winteringham Road, Grimsby.
 Tel: Grimsby 57512

Mrs. O. Boyce, S.R.N. S.C.M. 10 Cambridge Street, Cleethorpes.
 Tel: Cleethorpes 63438

Miss R. Smith, S.R.N. S.C.M. 15, Doughty Close, Waltham.
 Tel: Waltham 2344

Also in the team are 3 S.E.N.'s. and 5 bathing attendants.

Associated Health Visitors.

Miss R.E. Braybrooks, S.R.N. H.V. Cert. The Clinic, St. Hugh's Avenue,
 Cleethorpes. Tel: Cleethorpes 61201

Mrs. H.L. Bryan, S.R.N. S.C.M. H.V. Cert. The Clinic, St. Hugh's Avenue,
 Cleethorpes. Tel: Cleethorpes 61201

Mrs. A. Grieve, S.R.N. S.C.M. H.V. Cert. Beechcourt, North End, Tetney.
 Tel: Humberston 3275

Mrs. E. James, S.R.N. S.C.M. H.V. Cert. The Clinic, Anningson Lane, New Waltham.
 Tel: Humberston 2578

Miss A.H. Lancaster, S.R.N. S.C.M. H.V. Cert. The Clinic, St. Thomas' Close,
 Humberston. Tel: Humberston 2238

(G) CHIROPODY SERVICE.

Lindsey County Council provide this service in this area of the County, the work being carried out by chiropodists employed by the County Council. The scheme now caters for the elderly, expectant mothers, the physically handicapped and mentally subnormal persons.

Treatment is provided at numerous centres in the Rural District but in the case of a person unable to attend a treatment centre, the chiropodist will visit the patient's own home to provide treatment. The County Council make a fixed charge of 2/6d per treatment with the exception of persons in receipt of a Social Security supplementary benefit, in which case treatment is provided free of charge.

(H) CERVICAL CYTOLOGY.

This year has seen the introduction, on a wide scale, in this area of the cervical smear test for cancer of the cervix. This simple test which allows the early detection of cancer of the cervix is available through (a) The patients General Practitioner (b) Lindsey County Council at Cleethorpes Clinic (c) The Hospital Out Patients Department and (d) The Family Planning Clinic.

This is a very important public health procedure and it is to be hoped that the women of the area will attend to have this test carried out.

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LINDSEY COUNTY COUNCIL.
Welfare Services 1966

I would like to thank the County Welfare Officer and the Area Welfare Officer for providing the following report.

For the purpose of Welfare Administration, Lindsey County is divided into six areas. Each Area Officer is under the direction of an Area Welfare Officer who supervises a welfare team comprising of Social Welfare Officer, Home Help Officer, Welfare Assistants and appropriate Clerical Workers. Also working closely with each team are the following Officers:- Mental Health, Child Care, Occupational Therapist and Handicraft Instructors.

The Cleethorpe area covers approximately 20 square miles and includes Cleethorpes and 49 Parishes. The staff is as follows:-

Area Welfare Officer	- Mr. F. Leo	
Social Welfare Officers	- Mr. A.L. Wright Mr. E.G. Hutchinson Mrs. D. Wood	} Welfare of the Blind and Physically Handicapped.
Home Help Officer	- Mrs. D. Telford	
1st Welfare Assistant	- Mrs. E.P. Marshalsea	(9)
2nd Welfare Assistant	- Mrs M.T. Jones	
Handicraft Instructor	- Mrs. R. Cole	
Child Care Officer	- Mrs. A. Barwood	
Mental Health Officer	- Mr. W. T. Robson	
Registrar, Births, Marriages, Deaths	- Mr. C. E. Burgess	

Blind and Partially Sighted.

The number of registered Blind persons in the Grimsby Rural District in 1966 was 42 and there were 13 registered Partially Sighted persons.

A wide range of services are provided in co-operation with the Lindsey Blind Society and the Royal National Institute for the Blind, including a Social Centre, the teaching of Braille and Handicrafts, etc.

Physically Handicapped.

General classes other than Blind and Partially Sighted. Numbers registered in 1966 in the Grimsby Rural District were 74.

Services provided in co-operation with the Lindsey Society for the Handicapped include a Social Club and Handicraft classes.

Other Services.

Home tuition in handicrafts and a wide range of aids and adaptations are available to enable the disabled to lead as full and independent lives as possible.

A special bus with hydraulic lift is provided to transport the severely disabled to craft classes, socials and on outings.

Aged.

Residential homes are provided for those who through age or infirmity are in need of care and attention, not otherwise available to them. Since our last Report a new Home of 44 beds has been opened in Humberston, this is known as 'Alderlea' and is situated in St. Thomas's Close, Humberston. A total of 43 people from the combined Cleethorpes Borough and Grimsby R.D.C. were admitted into residential homes during 1966, in addition, a short holiday was provided in our Homes for 25 people in the combined districts, to allow relatives who care for them throughout the year, to take a holiday themselves.

Home Help Service.

During 1966 in the combined area of Cleethorpes and Grimsby Rural District, a total of 633 cases were attended. These were divided into the following categories:-

<u>Aged</u>	<u>Chronic Sick and T.B.</u>	<u>Mentally Disordered</u>	<u>Maternity</u>	<u>Others</u>
530	42	Nil	21	35

Home Help Service (concluded)

The number of enrolled Home Help Workers attending the above cases was 181.

Persons receiving domestic help under the County Council's Scheme are required to pay such charge, as having regard to the means of those persons, the County Council consider reasonable.

Applications for help in the Cleethorpes area should be made to the Home Help Officer, 31 Market Street, Cleethorpes.

The Home Help Officer can be interviewed at the above address at the following times:-

Monday and Friday 9 a.m. to 12.30p.m. and
2 p.m. to 5.30p.m.

Tuesday, Wednesday and Thursday 9 a.m. to 12 Noon

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MEALS ON WHEELS.

I am grateful to Mrs. B. Readymartcher, County Organiser of the Women's Royal Voluntary Service, for providing the following information relating to meals provided by the W.R.V.S:-

Immingham Total number served in 1966 2,594

Waltham & District Total number served in 1966 1,800

Meals are served in both these districts on 2 days per week.

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CARE OF THE AGED.

The problem of caring adequately for old people is one that gets more difficult each year. Every effort is made to support the aged and infirm in the community, but often despite the combined efforts of the General Practitioners, Welfare Officers, Home Helps, District Nurses and W.R.V.S., Institutional care is still necessary. The shortage of hospital beds for the aged and chronic sick continues and many people in need of hospital care have to wait for weeks before being admitted.

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VACCINATION AND IMMUNISATION.

Particulars of Vaccinations and Immunisations carried out in the Grimsby Rural District during 1966.

Type of Immunisation or Vaccination	Under 1	1 - 4	5 - 14	15 or over	Total
Diphtheria Immunisations					
Initial	1	4	-	-	5
Boosters	-	1	1	-	2
Diphtheria & Whooping Cough Immunisations	-	-	2	-	2
Diphtheria, Tetanus & Whooping Cough Immunisations					
Initial	237	387	6	-	630
Boosters	-	343	44	-	387
Diphtheria & Tetanus Immunisations					
Initial	1	2	10	-	13
Boosters	-	7	317	-	324
Whooping Cough Immunisation	-	-	-	-	-
Whooping Cough & Tetanus Immunisations	-	-	-	-	-
Tetanus Immunisations					
Initial	-	-	6	25	31
Boosters	-	-	1	5	6
Smallpox Vaccination	10	312	<u>5 - 15</u> 45	-	367
Re-vaccination	-	7	36	-	43

POLIOMYELITIS.Oral Vaccine

	Persons born in the years						
	1966	1965	1964	1963	1962	1961 - 57	1956 - 52
Initial course of 3 doses	147	387	35	4	4	32	4
Oral booster after two Salk injections	-	-	-	-	-	-	-
Booster dose of oral vaccine	-	-	-	2	7	244	8
TOTAL	147	387	35	6	11	276	12

B.C.G. VACCINATION AGAINST TUBERCULOSIS.

Vaccination against Tuberculosis was offered to all children in the year of their 13th birthday. With the consent of the parents, a test is performed to see if the child has already encountered the germ of Tuberculosis. If it has done so, no further action is taken, as it is assumed that the child is acquiring a natural immunity. If, however, the test indicates the child has not encountered the tubercle bacillus, then vaccination is carried out.

No. of children skin tested	.....	119
No. of positives	.....	9
No. of negatives	.....	110
No. of vaccinations	.....	110
Percentage positive	.....	7.6%

SCHOOL HEALTH SERVICE.

This service is provided by the County Council, and I am indebted to the County Medical Officer of Health for permission to include the following details.

The health of school children during the year was very satisfactory. I should like to take this opportunity of thanking all head teachers for their willing co-operation at all times.

ROUTINE MEDICAL INSPECTION.

(exclusive of special and supervisory examinations).

Age Groups inspected (By years of birth)	No. of Pupils inspected.	No. of Defects found to require treatment (excluding uncleanness and dental disease).		
		Defective vision	Other Defects.	Total +
1962 and later	7	-	-	-
1961	229	4	7	11
1960	231	9	13	22
1959	61	2	6	8
1958	25	2	2	3
1957	10	-	1	1
1956	10	1	1	2
1955	92	-	-	-
1954	62	-	-	-
1953	19	-	-	-
1952	98	1	1	1
1951 and earlier	85	-	-	-
TOTAL	929	19	31	48

+ Individual Children requiring treatment

Physical Condition.

All scholars examined were classified as Satisfactory or Unsatisfactory.

Satisfactory.	Unsatisfactory.	Total
916	13	929

Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections	
	Requiring Treatment	Requiring observation but not Treatment
SKIN	7	22
EYE.		
(a) Defective Vision (excluding squint)	19	71
(b) Squint	4	12
(c) Other conditions	1	6
EAR.		
(a) Defective Hearing	2	29
(b) Otitis Media	3	24
(c) Other Ear Diseases	-	3
NOSE AND THROAT	7	32
SPEECH	2	21
LYMPHATIC GLANDS	-	19
HEART AND CIRCULATION	1	10
LUNGS	-	20
DEVELOPMENT.		
(a) Hernia	-	3
(b) Other	1	11
ORTHOPAEDIC.		
(a) Posture	-	7
(b) Feet	-	23
(c) Other	-	21
NERVOUS SYSTEM.		
(a) Epilepsy	-	6
(b) Other	-	11
PSYCHOLOGICAL.		
(a) Development	-	8
(b) Stability	2	85
ABDOMEN	-	8
OTHER DEFECTS AND DISEASES (Excluding Uncleanliness & Dental Diseases)	2	11

GRIMSBY RURAL DISTRICT COUNCIL

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.

Mr. Chairman, Gentlemen,

It is with pleasure that for the first time, I append this, my section, to the report of the Medical Officer of Health.

The year 1966 must be, for me, the year of the paper refuse sack! The scheme, the working details of which were worked out by my predecessor Mr. Watson and myself as his deputy during the preceding years finally came within the year to successful fruition, giving a weekly hygienic collection of refuse over the whole of the Rural District.

There are other aspects of the year's work which are particularly satisfying. For example, the completion of the general inspections under the Offices, Shops & Railway Premises Act 1963, and to have finally felt the effect of the sewerage schemes of recent years by seeing the number of cesspool emptyings fall to well below the 1000 mark for the first time.

Much work remains to be done, however, mainly in the matters of Food Hygiene, Unfit House Repair and Clearance, Air Pollution and Port Health Inspections. The years to come will give full work schedules for the increased staff of inspectors.

I should like to express my thanks to the Chairman and members of the Public Health Committee, the Medical Officer of Health and all members of the Health Department for their help and co-operation during the year.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

A.F.C. KENT

Chief Public Health Inspector
and Petroleum Officer.

SANITARY CIRCUMSTANCES OF THE AREA:-Water Supply

No complaints have been received during the year regarding the water supply of the area either by reason of lack of potability or inadequate quantity.

Piped water is provided throughout the area by the North East Lincolnshire Water Board. Routine samples of water are taken by that body from supplies. Where water is treated by chlorination or ammoniation, samples are taken at the rate of four per week; this is in respect of the Parishes of Humberston, Waltham, Brigsley and Ashby-cum-Fenby. Raw water is sampled at the rate of one sample per week.

Chemical samples are taken twice per year from each of the pumping stations in the area. The complexity of these analyses is illustrated by the following report which is typical and varies little from all others taken.

North East Lincolnshire Water Board.

Sample taken at Healing on 9th December, 1966.

Chemical Analysis.

pH	...	...	...	...	...	...	7.25
Colour (° Hazen)	...	...	...	...	...	...	Nil
Turbidity (Silica Scale)	...	...	...	...	...	...	Nil
Dissolved Solids	...	...	...	...	...	...	385
Conductivity (Reciprocal Megohms)	...	...	...	...	...	...	533
Alkalinity	...	...	...	...	...	...	208
Total Hardness	...	...	...	...	...	...	260
Non Carbonate Hardness	...	...	...	...	...	...	52
Calcium Hardness	...	...	...	...	...	...	240
Magnesium Hardness	...	...	...	...	...	...	20
Free Carbon Dioxide	...	...	...	...	...	...	14
Chlorides as Cl	...	...	...	...	...	...	22
Nitrate Nitrogen	...	...	...	...	...	...	3.7
Nitrite Nitrogen	...	...	...	...	...	...	Nil
Free Ammoniacal Nitrogen	...	...	...	...	...	...	Nil
Albuminoid Nitrogen	...	...	...	...	...	...	Nil
Silica as SiO_2	...	...	...	...	...	...	9.2
Oxygen absorbed from Permanganate 4 hours at 27°C}	...	...	...	...	...	...	0.04
Phosphate As PO_4	...	...	...	...	...	...	Nil
Sulphate as SO_4	...	...	...	...	...	...	38
Iron in solution	...	...	...	...	...	...	Nil
Manganese	...	...	...	...	...	...	Nil
Sodium as Na	...	...	...	...	...	...	11
Potassium as K	...	...	...	...	...	...	1
Fluoride as F	...	...	...	...	...	...	0.1
No. of coliforms/100 m.l.	...	...	...	...	...	...	Nil

Excepting pH all results expressed as p.p.m CaCO_3 unless otherwise stated.

Biological Examination.

Twenty-one samples were taken from domestic supplies. Three samples proved unsatisfactory. Resampling was carried out after the troubles had been isolated with satisfactory results.

Water - General.

Routine samples were again taken from the two public swimming baths in the area. Fifty-three samples were obtained and all but three proved satisfactory. Advice was given in these three cases and subsequent samples proved satisfactory.

PARISH	Supply direct to House		Supplied by Standpipe Population
	No. of Houses	Population	
Ashby-cum-Fenby	82	156	20
Aylesby	32	125	-
Barnoldby-le-Beck	85	250	3
Beelsby	40	99	-
Bradley	62	175	-
Brigsley	108	320	-
Great Coates	223	706	-
Habrough	166	431	-
Hatcliffe	52	117	-
Hawerby	12	40	6
Healing	630	1,765	-
Humberston	2,007	4,512	-
Immingham	1,906	6,122	-
Irby-upon-Humber	39	95	16
Laceby	883	1,976	-
New Waltham	974	2,690	18
Ravendale	41	70	-
Stallingborough	235	609	12
Waltham	1,899	3,408	38
Weelsby	23	65	10
Wold Newton	36	85	14

Offensive Trades.

Twenty-one visits were made to the three offensive trade premises during the year. No complaints were received regarding these premises.

FACTORIES ACTS, 1961.

The following Statutory tables set out inspections of factories during the year:-

Premises	No. on Register	No. of Inspections Notices		Prosecutions
Factories in which S. 1,2,3,4,6, are enforced by Local Authority	2	34	-	-
Factories, not included above in which S.7 is enforced by Local Authority	96	179	10	-
Other premises in which S.7 is enforced by Local Authority (Excluding outworkers)	31	8	8	-
TOTALS	129	221	18	-

NOTE: Sections 1-6 of the Act govern the standards of cleanliness, overcrowding, temperature, ventilation and floor drainage in factories, whilst Section 7 concerns the provision and maintenance of adequate sanitary accommodation.

CASES IN WHICH DEFECTS WERE FOUND:-

	Number of cases in which defects were found.			No. of cases in which prosecutions were instituted.
	Found	Remedied	Referred to H.M. Insp. from H.M. Insp.	
Sections 1,2,3,4,6 Sanitary Conveniences (S.7)(b) Unsuitable/defective	-	-	-	-
Other offences	3	3	- 3	-
TOTALS:	3	3	- 3	-

FACTORIES ACT, PART VII - Outworkers.

There are no factories in the district employing outworkers, and no outworkers were notified by other Local Authorities during the year.

SCAVENGING SERVICES.

Refuse Collection.

During the week commencing 4th April 1966, paper sacks were issued to the whole of the district. Intervals between emptyings of dustbins up to this time had extended in some instances to fourteen days.

It is a matter of record that by the end of that month a weekly collection of sacks had been achieved throughout the whole of the district. There were, it is true, some teething troubles with a few householders finding individual difficulties. A personal approach however, either directly or by phone usually had the effect of satisfying the most obdurate opponents of the scheme.

A weekly collection was maintained throughout the year in spite of bank holidays and extra collections during the summer season at the Humberston Fitties and other holiday camps.

Over the Christmas period an extra sack was issued to each house to allow for the increased amount of refuse usual at that time of the year as well as to cater for the loss of working time due to the refuse collectors being on holiday.

Tribute must be paid to the refuse collectors who have had to put in some considerable overtime in order to keep the service at a regular seven day interval in spite of the increase in population and delays due to bad weather, vehicle breakdown and sickness.

Refuse Disposal.

This continued on the Wilton Road Tip, Humberston. This year, however, the amounts of industrial and trade refuse taken to this tipping area increased on a vast scale and the tractor used for compacting the refuse and controlling the levels of tipping had to be overhauled at some considerable expense. However, each load of this refuse was charged at 10/-, tickets to tip being purchased beforehand. By the end of the year some 2500 of these tickets had been sold.

Adversely, however, this extra refuse has the effect of shortening the life of this tipping area, originally estimated at 7 years. It would appear that if material continues to be tipped at the same rate, this tip would be filled within the next 3 years. No other tips of this capacity exist within the area and thought will need to be directed toward the Council's future policy in the respect of refuse disposal by other means.

Cesspool Emptying and Nightsoil Collection.

This service deals at present with the few parts of the district lacking sewers. This service has reduced considerably since the sewerage scheme at Great Coates, Healing and Stallingborough came into operation in 1965. The number of sumps and septic tanks was further reduced by 53 during the year and the number of emptyings for the first time fell below the 1000 mark.

The number of cesspools emptied since 1959 are:-

1959	-	3,248 Cesspools emptied
1960	-	2,886 Cesspools emptied
1961	-	1,638 Cesspools emptied
1962	-	1,270 Cesspools emptied
1963	-	1,158 Cesspools emptied
1964	-	1,085 Cesspools emptied
1965	-	1,180 Cesspools emptied
1966	-	788 Cesspools emptied

Scavenging - Nightsoil Collection:-

This service continued to operate weekly during the early hours on three days of the week. The need for this service has again been further reduced by privy conversions at Great Coates and Stallingborough.

HOUSING.

New Houses erected during 1966.

A total of 506 new dwellings were erected during the year, 220 by the Council and 286 by private owners.

Slum Clearance.

No further areas were commenced during 1966, but six houses in the Grimsby Rural District (Barnoldby le Beck No. 2) Clearance Order were demolished.

Individually Unfit Houses.

Demolition Orders were made on four individually unfit houses during the year and three houses were demolished as a result of Demolition Orders made by the Council.

Housing Repairs.

During the year ten notices were served under the Housing Act, 1957 upon the owners of houses in respect of repairs. Two houses were made fit by the owners as a result of statutory action and twenty-six houses had defects remedied following the service of informal notices.

Housing - Improvement Grants.

There were applications made for grant aid in respect of twenty two houses during the year, fourteen in respect of Standard Grants and seven for Discretionary Grants. None was refused grant aid.

ATMOSPHERIC POLLUTION.

The eight-day volumetric air sampler continued to be used throughout the year at the site in the Water Tower, Immingham. The results were sent to the Warren Spring Laboratory of the Ministry of Technology for data processing to be included in the national figures on atmospheric pollution.

ANIMAL BOARDING ESTABLISHMENT ACT, 1963.

The number of such establishments was further reduced this year and only one remains on the register. This was inspected and found to be in a satisfactory condition.

ASSES AND PONIES.

Before being allowed to ply for hire on the beach, the asses and ponies were inspected by the Chief Public Health Inspector in co-operation with the Inspector of the R.S.P.C.A. These were found to be in a good condition and free from vermin.

OFFICES SHOPS AND RAILWAY PREMISES ACT 1963.

Following the increase in staff of inspectors it was found possible to complete the job of giving each registered premises a general inspection during the year. The following tables show the types of premises registered and visited during 1966 and an analysis of persons employed therein. The total number of visits of all kinds by inspectors to registered premises is also shown.

Table A.

	No. of premises registered during the year	Total Number of registered premises at end of year	No. of registered premises receiving general inspection during the year.
Offices	9	29	30
Retail Shops	14	93	106
Wholesale Shops, Warehouses	-	5	6
Catering Establishments open to the public, canteens	-	12	12
Fuel Storage Depots	-	-	-
TOTALS	23	139	154

Table B. Number of Visits of all kinds by inspectors to Registered Premises
- 502

Table C.

Analysis of Persons employed in Registered Premises
by Workplace.

	Number of persons employed	M	F
Offices	70	45	25
Retail Shops	256	111	145
Wholesale departments, warehouses	30	25	5
Catering establishments open to the public	158	41	117
Canteens	-	-	-
Fuel Storage Depots	-	-	-
TOTALS	514	222	292

RODENT CONTROL.

The following table summarizes the work done by the Rodent Operative and Public Health Inspectors during 1966:-

	L.A.	Dwelling Houses	Business Premises	Agric. Premises	Total
Number of Properties inspected on notification.	-	555	94	34	683
No. infested by rats	-	412	88	31	531
No. infested by mice	-	113	6	3	122
Number of Properties inspected other than by notification	26	474	13	12	525
No. infested by rats	12	450	12	9	483
No. infested by mice	-	38	1	2	41

INSECT PESTS.

The Rodent Operative was again kept busy during the summer treating a total of 74 wasps' nests. Three premises were also treated for cockroaches and flies.

BIRD NUISANCES.

It was found necessary during the year to use the narcotisation method in order to disinfest a bakery premises. A total of seventeen birds were narcotised and despatched by humane means.

INSPECTION AND SUPERVISION OF FOOD.

Routine inspections of various food premises in the district have been carried out during the year. Visits to these premises can be categorised as follows:-

Bakehouses	4	Ice-cream Retailers	44
Butchers Shops	21	Food manufacturing Premises	199
Catering Businesses	34	Mobile Shops	3
Fish Friers	12	Food Sampling	43
Greengrocers	7	Sweet Shops	30
Grocers	53	Food Examination	22

The following premises are registered by the Council, and have been kept under constant surveillance:-

	<u>Number of Premises</u>	<u>Number of Inspections</u>
Ice-cream manufacturers	3	10
Ice-cream retailers	67	44
Meat preparers	21	117

During the course of routine inspections a few contraventions of the Food Hygiene Regulations were found, but all were satisfactorily dealt with by informal action.

Meat Inspection.

The private slaughterhouse at Immingham, the only such premises in the district was inspected by the District Veterinary Officer of the Ministry of Agriculture, Fisheries and Food during August, 1966 and by the Divisional Veterinary Officer of that Ministry during December 1966. On both occasions the officers found the premises to be in a satisfactory condition.

The following table sets out the number of animals killed and inspected together with condemnations:-

		Cattle (excl. Cows)	Cows	Calves	Sheep Lambs	Pigs
Number Killed		196	-	-	627	325
Number Inspected		196	-	-	627	325
Found to be infected	No.	-	-	-	-	3
with tuberculosis	%	-	-	-	-	0.92
All diseases excluding	No.	49	-	-	15	72
tuberculosis	%	25	-	-	2.3	22.1
Cysticercosis found		-	-	-	-	-
Cysticercosis refrigerated		-	-	-	-	-

Foodstuffs other than carcase meat condemned.

19 Tins Ham	}	Cod Fillets	}
5 Tins Shoulder		Herring	
46 Tins Luncheon Meat		Kippers	

continued/

11 Tins Corned Beef	}	Ox Liver	} - 139 lbs
3 Tins Chopped Pork		Lamb Liver	
3 Tins Pork Loin		Sausage Meat	
62 Tins Stewed Steak	} - 202 lbs	Steaklets	
1 Tin Lamb Tongues			
19 Tins Sausages			
1 Tin Minced Pork			
3 Tins Irish Stew			
1 Tin Brisket Beef			

Miscellaneous tinned and other foods to 444lbs weight.

The condemnations were made from ships at Immingham Dock and from food premises in the Rural District. Carcase meat condemnations were disposed of to a local cattle by-products firm. The other foods were buried at the Council's refuse tip.

Food Sampling.

Ice-cream was sampled as follows during the year:-

Grade I	Grade II	Grade III	Grade IV
12	5	2	3

Grades I and II can be taken to be satisfactory but judgements should be based on the series of samples.

In this respect having regard to the small number of Manufacturers supplying the above 22 samples the overall position is satisfactory.

Sixteen samples of salt dried fish were taken during the year, all of them satisfactory.

NUISANCES.

A total of 129 statutory nuisances were abated during the year, one by service of notice and the remainder by informal action by the Public Health Inspectors. The following table gives the nuisances by type and shows the action taken in each case.

	After Informal Action	After Statutory Action
Refuse	23	-
Foul ditches etc	43	-
Drainage	16	-
Animals and Poultry	16	1
Dangerous Premises	2	-
Miscellaneous Nuisances	28	-
TOTAL:	128	1

PETROLEUM REGULATION ACTS 1928/36.

During the year the duties of Petroleum Officer were passed to the Chief Public Health Inspector. This work included the licencing of stores of petroleum spirit at a total of 84 premises. Twenty five of them are filling stations to which the public has access and one is in respect of the storage of Calcium Carbide. All these premises are subject to inspections, testings and annual relicencing.

