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County Borough of Barrow-in-Furness.

ANNUAL REPORT

of the

Medical Officer of Health

G. G. DICKIE, M.B., Ch.B., D.P.H. 1950.





Barrow in Furness.





County Borough of Barrow-in-Furness.

ANNUAL REPORT

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COUNTY BOROUGH OF BARROW-IN-FURNESS. PUBLIC HEALTH DEPARTMENT.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH. 1950.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

Ladies and Gentlemen,

It is my pleasure to present my Annual Report for the year ended 31st December, 1950, on the Public Health of the County Borough.

As has been the custom in my two previous Annual Reports, sections have been arranged where applicable in accordance with the Sections of Part III of the National Health Service Act of 1946.

Statistically there has been little significant change and the recorded rates remain much as in previous years. It is gratifying, however, to note that the Infant Mortality Rate of 45.20 is the lowest yet recorded. In this connection it has been possible to begin an investigation of factors likely to influence stillbirth and Infant Mortality generally. As yet it is too soon to assess the value of this survey but it is hoped that, in due course, analysis of the information obtained may lead to a further decrease in the Infant Mortality figures.

In the sphere of Infectious Diseases a greatly increased incidence of Measles and Whooping Cough has been recorded, a combined total of 1,238 cases having been notified.

The incidence of other notifiable Infectious Diseases, with the exception of Scarlet Fever which has dropped, remains fairly constant. As was anticipated in last year's Annual Report, four Student Health Visitors obtained the Health Visitors Certificate of the Royal Sanitary Institute and their addition to the permanent staff brings the establishment of Health Visitors to full strength.

Unhappily the same cannot be said for the establishment of Medical Officers which, as in previous years, remains only 60% filled. The Award of the Industrial Court is, to say the least of it, disappointing, and the fact must be faced that the salaries now offered will not attract recruits to the Public Health Service.

Whilst Local Authority Health Services may be kept going meantime with the aid of General Practitioners employed on a part time basis, such a policy is shortsighted and does nothing to ensure in the future the continuous availability of experienced and competent Medical Officers of Health.

It must not be forgotten that the general raising of the standards of health in this country over the past 50 years has been largely at the instance of the Health Services of the Local Authority.

The catastrophe which has befallen the School Dental Service was foreseen and is now evident to all. The Local Authority must decide whether the hard gains of the Pioneers of Preventive Medicine are to suffer a similar fate. And it must decide now.

In conclusion, I wish to express my thanks to the Mayor, Members of Council and Officials of the Corporation for the support and assistance given me and to my Staff for their loyal and willing service throughout the year.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

G. G. DICKIE, Medical Officer of Health.

STAFF.

The following assistants were employed on the work of Public Health in the Borough at the end of the year under review :

MEDICAL AND DENTAL. Deputy Medical Officer of Health in charge of Maternity and Child

Chief Sanitary Inspector

Assistant Chief Sanitary Inspector

Sanitary Inspector for Meat Inspection

District Sanitary Inspectors

Trainee Sanitary Inspectors

Rodent Officer

HEALTH VISITING AND MIDWIFERY. Superintendent Nursing Officer Health Visitors

Tuberculosis Health Visitor

Dorothy G. Stewart, M.B., Ch.B. J. H. C. Corr, L.R.C.P. & S., L.R.F.P. & S.

Winifred G. Sivewright, L.D.S.

- J. Shanks, Cert.R.S.I. & Joint Board Cert. R.S.I. (Meat and Food Inspection), Cert. R.S.I. (Smoke Inspection).
- T. E. Pollock, Cert.R.S.I., Cert.R.S.I. (Meat & Food Inspection).

Vacant

H. C. Perkins, Cert.R.S.I. & Joint Board.

- F. Wilson, Cert.R.S.I. & Joint Board, Cert.R.S.I. (Meat & Food Inspection), Cert R S I. (Sanitary Science).
- Cert.R.S.I. (Sanitary Science). E. Philbin, B.A., Cert.R.S.I. & Joint Board.
- E. N. Whitehead, Cert.R.S.I. & Joint Board, Cert.R.S.I. (Meat & Food Inspection).
- H. L. Field, Cert.R.S.I. & Joint Board, Cert.R.S.I. (Meat and Food Inspection), Diploma in General Hygiene R.I.P.P.H.

H. Williams.

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J. W. McGarry. A. Rogers.

Miss J. Pottinger, S.R.N., S.C.M.
Miss E. Cunliffe, S.R.N., S.C.M.
Miss M. K. Burns, S.R.N., S.C.M.
Mrs. E. M. Tilburn, S.R.N., S.C.M.
Mrs. D. Cockin, S.R.N., S.C.M.
Miss M. Scott, S.R.N., S.C.M.
Miss M. P. Antcliffe, S.R.N., S.C.M.
Miss A. W. Cant, S.R.N., S.C.M.
Miss D. Latham, S.R.N., S.C.M.
Miss M. Morris, S.R.N., S.C.M.
Miss C. Roberts, S.R.N.

Municipal Midwives Mrs. B. Austin, S.R.N., S.C.M. Miss A. Bagshaw, S.C.M. Miss G. M. Fytche, S.C.M. Mrs. F. Garstang, S.C.M. Miss T. Potts, S.R.N., S.C.M. Mrs. M. Railton, S.C.M. Miss V. Stewart, S.R.N., S.C.M. Mrs. G. Timms, S.R.N., S.C.M. Mrs. A. Wallace, S.C.M. Mrs. E. G. Watson, S.C.M. HOME NURSING SERVICE. Superintendent Miss M. Stockley, S.R.N., S.C.M., R.F.N., Q.N. District Nursing Sisters Miss D. Moscrop, S.R.N., S.C.M., R.F.N., Q.N. Mrs. M. A. Morello, S.R.N., R.F.N. Mrs. B. Steel, S.R.N., S.C.M., Q.N. Miss I. Wemyss, S.R.N., Q.N. Miss S. A. Whitehead, Trained Nurse. Mrs. M. Shaw, S.R.N. Miss J. Lindop, S.R.N. Mrs. J. Cringle, S.R.N. Mrs. L. Hollis, S.R.N. (Commenced 30/1/50). Miss K. Aldred, S.R.N., S.C.M. (Commenced 12/6/50). Mrs. M. Newsham, S.R.N., R.F.N. (Commenced 28/8/50). PHYSIOTHERAPY. Physiotherapist Miss M. Johnson, C.S.P., M.E., L.E.T. AMBULANCE SERVICE. Ambulance Officer J. H. Smethurst. MENTAL HEALTH SERVICE. Duly Authorised Officer H. Kitchin. Assistant Duly Authorised Officer H. Hughes. ADMINISTRATION. Chief Clerk A. Gawthrop. CLERICAL. Senior Clerk H. Smith. ADDRESSES. Public Health Department Town Hall, Sanitary Inspector's Office Town Hall. Ante-Natal, Post-Natal and Gynæcological Clinics Risedale, Abbey Road. M. & C.W. Clinic Dental Clinic Central Clinic, Abbey Road. U.V.R. & Remedial Exercises Clinic Minor Ailments Clinic " Arndene," Abbey Road. Ambulance Station District Nurses' Homes Fire Station, Abbey Road. 2 Fairfield Lane. 27 Mikasa Street.

VITAL STATISTICS, 1950.

Population, Mid-1949			 	 		67,950
				 		918
				 		13.51
						1,215
No. of Live Births Registered-	-Legitin	nate	•••••	 	-	46
	Illegiti	mate	 	 		
						1,261
at a Guill to the Deviationed						28
No. of Stillbirths Registered			 			18.56
Birth Rate			 	 		35.69
Illegitimate Births per 1,000 B	Sirths		 	 		45.20
Infant Mortality per 1,000 Liv	e Births		 	 		
No. of Live Births Notified .			 	 		1,250
No. of Maternal Deaths			 	 		2
Rate per 1,000 Births			 	 		1.59
Percentage of Live Births noti			 	 		99.13
DEATH RATES.						
T1 1 1 1			 	 		Nil
T			 	 		0.103
			 	 		0,059
	A. T. DODAT		 			Nil
Ocurros a ories				 		0.015
maoping coupin			 	 		Nil
			 	 		0.413
Tuppion (monthematical)			 	 		0.015
Tuberculosis (Other Forms)			 	 		
Cancer			 	 		2.031
Bronchitis			 	 		0.413
Pneumonia			 	 		0.427
			 	 		0.103
Diseases of Circulatory System			 	 		5.063
Discuses of enculatory byston						

NATIONAL HEALTH SERVICE ACT, 1946.

HEALTH CENTRES.

No proposals for the provision of Health Centres have been made and in Barrow, as yet, there has been no demand for the comprehensive centre envisaged by the Act. Discussions between the various bodies as to the ideal design of centre are in progress.

CARE OF MOTHERS AND YOUNG CHILDREN.

WELFARE CENTRE.

The Central Clinic is staffed by three Health Visitors on each of the four afternoon sessions held every week. Whenever possible, two of the medical staff attend, but on some occasions only one is available. Clerical assistance is provided. There has been a slight fall in the Birth Rate but it is still high, and the cumulative effect of the increased Birth Rate during the post war years is still shown in the figures for children on the register of the Welfare Centre.

880 babies (under 12 months) and 62 older children were admitted to the register; whilst of the cases on the register 8,754 attendances were made by the babies, and 2,744 attendances were made by children between the ages of 1 and 5 years. 2,806 examinations of children and 113 of mothers were conducted by the medical staff.

The figures given include attendances by toddlers at a special clinic held monthly.

The mother who previously brought her child to the clinic because the Doctor's advice was free now takes him to her family doctor and obtains not only advice but extra nourishment and vitamin preparations free.

The continued movement of population to new housing estates on the outskirts of the town is also having an adverse effect on clinic attendances. Neither the staff nor the premises necessary to provide branch clinics are yet available although the growing need is fully realised.

FOOD DEPOT.

Experience has shown the wisdom of the decision to move the Food Depot to separate premises in Cavendish Square. Congestion at the Clinic has been relieved, and sales are now more evenly distributed over the week.

The "shop" is available to any mother whose baby, as shown by its weight card, regularly attends the Welfare Centre and has been weighed within the last four weeks.

PREMATURE BABIES.

Premature babies requiring hospital treatment are dealt with at Risedale Maternity Hospital. A special heated basket for transporting the baby is loaned by the hospital and the Authority's ambulance service provides a conveyance.

The Maternity and Child Welfare Officer is available in a consultant capacity. The Municipal Midwives have all had instruction in the care of premature babies, and any special appliances required can be borrowed from Risedale Maternity Hospital.

All Midwives are required to send notification of premature babies to the Medical Officer of Health and arrangements are made for an early follow up by the Health Visitors.

During the year 80 premature babies were born alive, including 75 whose mothers usually reside within the area. 27 were born at home and of the 21 who were retained at home 3 died in the first 24 hours, 3 more died before the month end and the remaining 15 survived. 6 were transferred to hospital and one of these died between the first day and the month end. Of the 53 born in hospital 5 died in the first 24 hours, 14 more died before the month end and the remaining 34 survived.

PREMATURE	BIRTHS.
-----------	---------

The second second	Died in 24 hours.	Died 1 day 1 month.	Survived 1 month.	Total.
Born at home and retained at home	3	3	15	21
Born at home and transferred to Hospital		1	5	6
Born in Hospital	5	14	34	53
Total	8	18	54	80
No. whose mothers u	enally resid	de in area		75

INFANT MORTALITY.

The Infant Mortality Rate of 45.20 per 1,000 births is the lowest yet recorded. The figures for the last 10 years are :

1941	 	 55.4
1942	 	 62.8
1943		 53.6
1944	 	 60.51
1945	 	 58.4
1946	 	 52.91
1947	 	 51.45
1947	 	 49.52
	 	 49.33
1949	 	 45.20
1950	 	 40.40

49 deaths from developmental defects include 12 premature births, 17 malformation, 6 birth injury and 14 from other diseases peculiar to the first year of life. The remaining 8 deaths arose from respiratory, infective, digestive and general conditions and accidents.

HEALTH VISITING.

The Health Visiting Service was strengthened during the year by the appointment of four nurses for assisted training. All of these qualified as Health Visitors.

A birth visit, and subsequently one visit per month for 6 months is paid. Visits thereafter are of necessity less frequent, but all children are kept under supervision until they reach the age of 5 years. Special visits are paid as necessary.

The following table shows the work done in connection with mothers and children :-

(i)	To expectant mothers	 	 First visits Total visits	193 193
(ii)	To children under 1 year of age	 	 First visits Total visits	1127 6944
(iii)	To children between 1 and 5 years of age	 	 First visits Total visits	10 10173

CARE OF ILLEGITIMATE CHILDREN.

No discrimination is made against the unmarried mother, to whom are open all the facilities provided by the Authority.

In addition, arrangements are made in suitable cases for the confinement to take place at the Maternity Home, St. Monica, Kendal, or the Hope Hospital, Leeds. Both of these, in addition to providing for the mother's bodily needs, give rehabilitative training.

Close co-operation is maintained with the Local Social Worker of the Furness Association for Moral Welfare, and with other workers.

During the year 5 cases were admitted to St. Monica.

ADOPTION.

Close co-operation is maintained with the Children's Department and all registered Adoption Societies which deal with local cases, although no Society is located in Barrow.

These organisations notify to the Medical Officer of Health the names and addresses of potential adopters, so that visits by a Health Visitor can be arranged and the suitability of conditions assessed.

In conjunction with the Guardian ad litem close supervision is maintained during the trial period before confirmation of the Adoption Order.

CHILD LIFE PROTECTION.

This is now the responsibility of the Children's Committee but foster children will continue to be supervised by the Health Visitors in the normal course of their duties.

OPHTHALMIC TREATMENT.

Refractiona

By arrangement with the Barrow Executive Council, Dr. H. C. Kodilinye still conducts the Ophthalmic Clinics, which were previously a direct charge on the Authority.

95 children made 171 attendances and spectacles were prescribed in 49 cases.

The following is a classification of the conditions for which children attended the clinic.

Refractions-						
Hypermetropic Myopic Astigma Hypermetropia Other Condition	atis	m	tism		····	 6 1 9 1
Squints-						
Convergent Alternating						 3 9 3
Treatments-						
Dacryocystitis Ptosis						 19
						 1
Conjunctivitis Blepharitis	••••					 32
Other Condition						
other condition	15			****		 12

DENTAL TREATMENT.

During the year 59 sessions were devoted to the treatment of Expectant and Nursing Mothers and children under 5. 452 attendances were made by Expectant and Nursing Mothers and 450 by children under 5.

The number of Expectant Mothers attending for treatment increased slightly, but there was a definite improvement in the state of their teeth, and very few needed multiple extractions. Only 7 complete and 22 partial dentures had to be supplied.

It was not necessary to refer any patients for X-ray.

In the treatment of the children under 5 it was necessary to extract 146 teeth. 238 teeth were treated with Silver Nitrate and 36 were filled, in an attempt to save the temporary teeth as long as possible.

an a	Examined	Needing Treatment	Treated	Made Dentally Fit
Expectant and Nursing Mothers	173	161	161	151
Children under 5	305	274	274	260

The following tables show the work done :--

	Ex-	Anaest	hetics	Fill-	Scal-	Silver Nit- rate treat- ment	ate Oper- eat- ations	X	Dentures Provided	
and a second	trac- tions	Local	Gen- eral	ings	ing & gum treat- ment			Rays	Comp- lete	Part- ial
Expectant and Nursing mothers	196	145	1	179	53		134		7	22
Children under 5	146	49	64	36		238	42	*		

ORTHOPÆDIC CLINIC.

The consultant clinic conducted by the Medical Superintendent of the Ethel Hedley Hospital, Windermere, has, by arrangement with the Manchester Regional Hospital Board been continued at the Board's expense. Cases are referred by the medical staff and in cases of urgency arising between clinics, are sent to the out-patient clinics at Ethel Hedley or North Lonsdale Hospital.

76 children made 130 attendances on the 6 occasions on which the clinic was held.

97 children visited the Physiotherapist on 145 occasions for fitting of splints, plasters, etc.

MASSAGE AND REMEDIAL EXERCISES CLINICS.

In conjunction with the specialist orthopaedic clinic a Physiotherapist devotes three sessions each week to children under 5. At these sessions cases referred by the medical staff or from the Orthopaedic Clinic are given massage or remedial exercises. The adaptation of rooms at the Welfare Centre was completed at the end of 1949 and the clinic opened in this new location at the beginning of the year.

32 patients attended for massage and made 559 attendances.

16 patients had remedial exercises in 781 attendances.

SUN-RAY.

The Ultra Violet Ray Therapy Clinic in charge of a Physiotherapist is available for two sessions weekly to children referred by the medical staff. The clinics are held in the same premises as the Massage and Remedial Exercises Clinics already referred to. During the year 161 children under 5 made 1362 attendances.

ANTE-NATAL.

Every pregnant woman can have ante-natal care free of charge from a doctor of her choice. This service is provided under arrangements made by the Executive Council.

The Authority maintains an ante-natal clinic, to which any midwife can bring her cases. The clinic, which is situated in the grounds of Risedale Maternity Hospital, is conducted by the Assistant Medical Officer for Maternity and Child Welfare, and is staffed by the Municipal Midwives. The Obstetric Consultant from Risedale Maternity Hospital is available to see abnormal cases. Each week there are three sessions, one of which is set aside for new cases. It is hoped to provide ante-natal clinics at other centres when circumstances permit.

383 patients made 1711 attendances in the year.

POST-NATAL.

By arrangement, the Post-Natal and Gynæcological Clinic previously provided by the Authority and which has now vested in the Minister of Health, is still available for midwives' cases.

MISCELLANEOUS.

Close co-operation exists between the Public Health Department and the various other workers in the field of Children's Welfare—in particular the Local Inspector, N.S.P.C.C., the Probation Officers, the Area Children's Officer and the Diocesan Social Worker.

MIDWIFERY.

MUNICIPAL MIDWIVES.

It was not considered necessary to fill a vacancy which occurred in the early part of last year and the needs of the service are now adequately met by the employment of 10 full time midwives, one of whom is designated Relief Midwife and therefore does not herself book any cases.

The Housing Committee has accepted the principle of providing accomnodation for a midwife on each new estate. This may facilitate both recruitnent (when needed) and redeployment of staff to suit population movements. A Minnitt's Gas-Air Analgesia Apparatus is available for each midwife. Any patient can, if she is medically suitable, have this aid. Unfortunately, the apparatus is not easily carried, and arrangements for conveyance have to be made in each case. It is hoped that each midwife will ultimately have her own car. A sterilized accouchement set is provided free for each patient.

The arrangements for Ante-Natal Clinic care have already been detailed and in addition patients receive ante-natal supervision in their own homes.

Where the patient is unsuitable on medical grounds or because of unsuitable home conditions, for a domiciliary confinement, it is usually possible to arrange hospitalization.

The midwives are also available to act as Maternity Nurses where a patient wishes to be confined by her own doctor.

PRIVATE MIDWIVES.

5 private nurses notified their intention to practice as Midwives or Maternity Nurses but only 2 of them undertook any confinements.

The following table of domiciliary confinements shows that the Municipal Midwives attended in 95% of the cases.

Municipal-	-Midwives cases Maternity Nurse cases	 	····	 $372 \\ 130 $	502
	Gas-Air administered	 		 440	
Private-	Midwives cases Maternity nurse cases	 		 $16 \\ 10 \}$	26

SUPERVISION OF MIDWIVES.

The Local Health Authority remains the Local Supervising Authority under the Midwives Acts. The Medical Officer deputed to act as Supervisor of Midwives paid 79 visits in this connection. There were no irregularities necessitating proceedings.

Medical Aid was summoned in accordance with the rules of the Central Midwives Board in 85 cases. 4 of these were cases who had booked a General Practitioner Obstetrician under arrangements of the Barrow Executive Council.

HEALTH VISITING.

As already indicated, the Health Visiting Service has been seriously handicapped by shortage of staff. Even with the additional staff the available personnel are barely adequate for visits to Mothers and Young Children.

Within these limitations, visits were paid to notified cases of Pneumonia, Measles and Whooping Cough, and one nurse devoted her whole visiting time to care and after care of the tuberculous population and their households.

HOME NURSING.

It has become increasingly evident that the staff required to run a chargeable service was insufficient to meet the growing needs of a free service. It has not been possible to secure additional staff; in fact the existing establishment has only been maintained by the employment of part time staff.

The Superintendent has her headquarters at the home at 2, Fairfield Lane where most of the resident staff are located. There is also a 2-nurse home at 27, Mikasa Street, Walney, but only one sister is accommodated there at present. 7 cars are in use and staff for whom no car is available walk or cycle.

The services of a Nursing Sister are provided on medical recommendation only. The nurse makes a morning visit as often as the condition of the case demands. In severe cases evening visits are also paid. There is no night nurse.

31,515 visits were paid to 1,421 patients.

VACCINATION AND IMMUNISATION.

The facilities provided by the Local Authority for immunisation against Diphtheria remain substantially unaltered.

Vaccination, now on a voluntary basis is available as a Local Health Authority Clinic service.

In addition, General Practitioners who have signified their intention of participating in the arrangements undertake vaccination and immunisation in their surgeries or in the home.

At the Central Clinic one session each week is devoted to Vaccination and Immunisation. An Assistant Medical Officer and a Health Visitor are on duty and clerical assistance is provided. Cases receive attention with or without appointment.

During the year 260 persons have been vaccinated and 202 have been re-vaccinated under clinic arrangements. A further 193 vaccinations and 78 re-vaccinations have been reported by General Practitioners.

No case of smallpox has been reported.

514 courses of immunisation and 179 re-inforcing doses were administered at the clinic and 127 courses of immunisation and 1 re-inforcing dose were reported by General Practitioners.

No case of diphtheria was confirmed.

49.6% of the population under 5 and 65.4% of those between 5 and 15 are estimated to have been immunised.

AMBULANCE.

The Chief Fire Officer acts as Ambulance Officer. Ultimately complete interchangeability of Fire and Ambulance Personnel will be sought, but this is not at present possible. For the time being the ambulance used for infectious cases is staffed by personnel from the Infectious Diseases Hospital and is garaged at that hospital. The ambulance can be summoned for removals by Doctors, Nurses and Midwives, but a medical certificate is required before an out of town journey is authorised. The change to a free service has resulted in an increased user, and there is a tendency to abuse the service on long distance calls. A strict interpretation of the words "where necessary " has reduced such abuse.

Cars required for the mental health service are hired from local taxi proprietors.

The ambulances made 8,013 journeys, totalling 68,159 miles and carried 7,936 patients during the year. Cars made 84 journeys with 85 patients over a distance of 6336 miles.

The main hospital centre is 100 miles from Barrow, and it is often necessary to send ambulances to places at an even greater distance. Consequently it was felt that one purpose vehicles were of limited utility, and the proposal to obtain a sitting case car was shelved, one of the new ambulances being obtained in its place.

The Ambulance fleet comprises a Daimler (1949), 2 Austins (1948), a Humber (1942), a Bedford (1941) and a Ford (1941).

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

TUBERCULOSIS.

Provision of advice and assistance, nursing requisites, home visiting and co-operation with industrial Medical Officers, Disablement Rehabilitation Officers and National Assistance Boards has continued throughout the year. As the Tuberculosis Health Visitor acts as clinic nurse there has been no difficulty in maintaining adequate liaison. Preliminary surveys of accommodation were made along with officials of a Mass Miniature Radiography Unit with a view to the Unit visiting Barrow in 1951.

MENTAL HEALTH.

Duly Authorised Officers give advice and assistance and visit the homes of the patients at intervals suited to their condition. The cases are also kept under medical supervision and visited as opportunity offers. When it is possible to secure the services of a Psychiatric Social Worker the time which can be devoted to each case will be greater.

OTHER ILLNESS.

The Health Visitors advise and assist in cases referred by hospitals and general practitioners.

Residential accommodation is provided by arrangement with the Governors of Infield Convalescent Home.

LOAN CUPBOARDS.

Previously these were maintained by the Nursing Association for patients attended by the District Nurses and by the Tuberculosis Dispensary for Tuberculous patients.

This service has now been extended to all bed patients nursed at home and sick room equipment such as bed pans, bed rests, fracture cages, rubber sheeting, air rings, is now available on loan in any case where need exists.

Applications are received at either Nurses' Home (2 Fairfield Lane or 27 Mikasa Street).

GENERAL.

The services of Domestic Helps and District Nurses are provided in suitable cases.

PROPAGANDA AND HEALTH EDUCATION.

In addition to verbal instruction and advice given by the staff suitable posters are displayed in places frequented by the Public. Campaigns are conducted in schools and at clinics.

Good relations exist with the local Press which has always shown itself willing to co-operate in publishing any item to which it is considered the Public attention should be drawn.

DOMESTIC HELP.

For many years the Authority has maintained a service of home and domestic helps and the staffing difficulties encountered during the war years have been overcome. The Superintendent Nursing Officer undertakes most of the field work in connection with the service.

Helps are provided mainly in cases of confinement, illness of housewife or to infirm old people, but applications are occasionally received from other categories of person whose cases, on investigation, are found to come within the scope of the scheme. This is not a free service, and charges are recovered according to the means of the applicant.

The names of persons suitable for this kind of work are registered and listed. Helps are allocated to cases as applications are received. This system works satisfactorily and it has not been found necessary to pay a retaining fee, as cases can usually be arranged so that helps have very little idle time.

100 cases were dealt with and 24 helps were in employment at the year end.

ADMINISTRATION.

MENTAL HEALTH.

COMMITTEE. The Health Committee, which comprises Council Members and co-opted representatives of the local medical profession, meets at monthly intervals to deal with matters affecting Mental Health.

STAFF. This section of the Department is at present staffed by two male Duly Authorised Officers. The vacancy for a female Psychiatric Social Worker remains unfilled. Administration and clerical duties are undertaken by the general office staff. The Assistant Medical Officers provide the medical assistance needed, and it is also possible to have assistance in certification from local practitioners. The Medical Officer of Health and the Deputy Medical Officer of Health have both received the approval of the Minister of Health for the purpose of making recommendations under the Mental Treatment Acts. The visiting specialists from Lancaster Moor Mental Hospital conduct a weekly out-patient clinic and in addition are available for consultation as required.

CO-ORDINATION. The Authority's Officers undertake the supervision of and reporting on cases on trial for licence or on licence and in addition prepare any other reports of home conditions, etc., required by Hospitals and Institutions. VOLUNTARY ORGANISATIONS. There are no voluntary organisations dealing with Mental Health in the area.

TRAINING OF STAFF. The Assistant Duly Authorised Officer attended a short training course in Sheffield.

WORK DONE.

PREVENTION, CARE AND AFTER-CARE. Cases coming to the notice of the Authority's staff are immediately referred for specialist advice so that the condition may be dealt with in its early stages. The Authority's Medical, Nursing and Lay Visiting Officers maintain supervision over cases under domiciliary care or on licence. Appropriate advice and assistance is given and arrangements are made for financial assistance to be granted by the National Assistance Board where applicable.

LUNACY AND MENTAL TREATMENT. During the year the Manchester Regional Hospital Board prohibited the admission of cases direct to Roose Hospital, which is now considered as an annexe to Lancaster Moor Hospital. In consequence all cases have to be removed to Lancaster in the first instance and this imposes a heavy additional burden both on the Duly Authorised Officers and on the Ambulance Service.

The following summary indicates work done by the Duly Authorised Officers.

SECTION 20, LUNACY ACT, 1890. 45 patients (25 male and 20 female) were removed to Roose Hospital on "three-day" orders. Summary Reception Orders were prepared for these patients in respect of 11 males and 11 females who were transferred to Lancaster Moor Hospital and 2 males who were retained in Roose.

10 male patients were released. One died in Roose Hospital. One other was released to go to Lancaster Moor Hospital as a voluntary patient.

5 female patients were released. 2 others were released to go to Lancaster Moor Hospital as voluntary patients, one remained in Roose Hospital voluntarily and one was transferred to Lancaster Moor Hospital in the private class.

15 patients (3 male and 12 female) were removed to Lancaster Moor Hospital on "three-day" orders. Summary Reception Orders were issued by magistrates for that area in respect of 1 male and 8 females included in that number. The remainder became voluntary patients.

OTHER REMOVALS. In addition to the cases listed above, 51 cases who had not been the subject of a Section 20 Order were admitted to hospital. They comprised 2 males and 3 females who would previously have been admitted to Roose Hospital for certification but who were dealt with in their own homes and removed to Lancaster Moor Hospital on Summary Reception Orders and 16 voluntary males and 30 voluntary females also admitted to Lancaster Moor Hospital. Officers of the Authority escorted all the cases admitted under Orders and 16 of the 49 voluntary patients. Additionally 3 cases being transferred from Roose Hospital to Lancaster Moor Hospital by order of the Hospital Management Committee were escorted. In all 62 journeys to Lancaster were made.

OTHER WORK. Case histories were prepared in respect of 74 cases.

Home conditions reports were submitted in respect of 21 proposed discharges.

MENTAL DEFICIENCY. 2 females were reported by the Local Education Authority under Section 57 (3) Education Act, 1944, and 6 males and one female under Section 57 (5). In addition 9 males and 6 females were ascertained to be defectives. The new cases have been placed under statutory or voluntary supervision or in institutions.

4 males including 2 from the waiting list have been admitted to institutional care. The following table shows the waiting list at the year end.

Under 5				Male	Female	Total
Under 5	****	 	 ****	1	1	2
5-14+		 	 ****	1		ĩ
Over 14		 	 		3	3
				-	_	_
				2	4	6
						0

AMBULANCE SERVICE. The general ambulance service is available for mental cases. Where necessary, one of the Authority's Duly Authorised Officers travels with the ambulance or car, and arrangements exist whereby mental nurses can be borrowed from Roose Hospital to accompany female or difficult patients.

NATIONAL ASSISTANCE ACT, 1948.

No action under Section 47 of this Act was taken during the year.

GENERAL PUBLIC HEALTH.

INFECTIOUS DISEASES.

CORRECTED NOTIFICATIONS FOR 1950.

I	Diseas	e		Male	Female	Total
Scarlet Fever				 28	33	61
Whooping Cou	gh			 37	65	102
Measles Pneumonia	****				556	1136
Cerebro-spinal	Feve	-		 20	23	43
Dysentery				 5	2	7
opintianina Ne	onard	\mathbf{r}	1	1	D D ME PSUM	i stand
Puerperal Pyre Erysipelas					1	1
FOOd Poisoning	Y			1	 10	15
malaria (Relap	se)				1	1
Poliomyelitis (I Tuberculosis	araly	vtic)		 1	1	2
40010010315				 62	31	93

During the year a Group Pathological Laboratory has been established in Barrow and material from suspected infectious cases is now dealt with locally instead of at High Carley. I should like to record my appreciation of the services rendered by both Pathologists and their staffs.

VERMINOUS CONDITIONS.

The facilities provided for the School Health Service are extended to children of pre-school age, a proportion of the cost being borne by the Health Committee.

The main conditions dealt with are scabies, head lice and ringworm, and these receive treatment at the Central Clinic. Stubborn cases are referred to the Manchester and Salford Hospital for Skin Diseases but it is hoped that in the near future the newly formed Skin Department at North Lonsdale Hospital will be able to help.

Adults are given advice and materials to cleanse themselves and in difficult cases are admitted to hospital.

WATER.

There has been no change in the source of water supply since last year and the quantity and quality has remained satisfactory.

After discussions with the Ministry of Health, measures to be taken to safeguard the Poaka Beck gathering grounds were agreed upon and are soon to be put into operation.

PORT HEALTH SURVEY.

I-AMOUNT OF SHIPPING ENTERING THE PORT DURING THE YEAR 1950.

		er		No. Ins		Number	Number of vessels	fects were	Number of vessels report- ed as having, or having had,
		Number	Tonnage	Medical	By the Sanitary Insp'tor	to be Defec- tive.	on which defects were remedied	reported to Ministry of	during the voyage, infect- ious disease on board.
	Steamers	97	206185	1	97	23	20		
Foreign	Motor	27	22326		27				
ore	Sailing								
H	Fishing							in	
Tota	l Foreign	124	228511	1	124	23	20		
e	Steamers 17	174	54111		19	3	2		
Coastwise	Motor		113996		18				
ast	Sailing								
S	Fishing								
Total	Coastwise	309	168107		37	3	2		
	l Foreign Coastwise	433	396618	1	161	26	22		

TABLE A.

II-CHARACTER OF TRADE OF PORT.

TABLE B.

(a) There was no passenger traffic to and from the Port during the year.

CARGO TRAFFIC. Imports :-- Iron Ore, Wood Pulp, Pulp Wood, (b) Cork and Scrap Metal. Exports :- Coke, Pig Iron, Fluorspar and Ingot Moulds.

(c) Vessels arrived from the following foreign ports :- Ryika, Bona, Melilla, Algiers, Port Breira, Les Falaises, Almeria, Hornillo Bay, Lisbon, Leixoes, Ymuiden, Helsingborg, Soraker, Oskarshamn, Oxelosund, Kramfors, Narvik, Uleaborg and Eire.

III-WATER SUPPLY.

The town's water supply is available at the dock side and is used for shipping.

There are no water boats at the Port.

IV-PORT HEALTH REGULATIONS, 1933-1945

1. ARRANGEMENTS FOR DEALING WITH DECLARATIONS OF HEALTH.

A blank Declaration of Health form is handed to the Master of every ship approaching the Port as soon as the Pilot boards.

On arrival at the Port the completed form is inspected by the Customs Officer or Sanitary Officer, whoever is first aboard. 2.

BOARDING OF VESSELS ON ARRIVAL.

Vessels arriving from infected or suspected ports are always boarded by a Customs Officer and Sanitary Officer together.

Other vessels are usually boarded by a Customs Officer in the first instance. 3.

NOTIFICATION TO THE AUTHORITY OF INWARD VESSELS REQUIRING SPECIAL ATTENTION (WIRELESS MESSAGES, LAND SIGNAL STATIONS, ETC.)

No information was received by wireless messages or local signal stations.

MOORING STATIONS DESIGNATED UNDER ARTICLE 10. 4.

(a) Within Docks : An inner mooring station near Buccleuch Bridge within the Ramsden Dock has been established as a mooring station for all unhealthy ships arriving at Barrow, including "infected" or "suspected" vessels outside the agreed exemptions listed under heading 5 below.

5. PARTICULARS OF ANY STANDING EXEMPTIONS FROM THE PROVISIONS OF ARTICLE 14.

A standing exemption from detention under Article 14 has been agreed upon in respect of ships unhealthy on account of :---

Acute Polio-Encephalitis Cerebro-spinal Meningitis (Cerebro-spinal Fever) Chickenpox Continued Fever Diphtheria Dysentery Epidemic Infantile Paralysis (Acute Poliomyelitis) Encephalitis Lethargica Erysipelas

German Measles Measles Malaria Membranous Croup Pneumonia (either primary or influenzal) **Relapsing Fever** Scarlatina (Scarlet Fever) Trench Fever Tuberculosis (all forms) Typhoid Fever (Enteric Fever)

and of ships otherwise healthy which arrive from areas listed under Article 11.

6. EXPERIENCE OF WORKING OF ARTICLE 16.

Instructions have been given to Harbour Authorities, tradespeople and other persons in the habit of visiting ships at the Port to keep clear until the ship is free from control. No difficulty is now experienced under this Article.

7. CLEANSING AND DISINFECTION OF SHIPS, PERSONS, CLOTHING, ETC.

In cases of necessity the arrangements for disinfecting infected quarters are carried out by the Sanitary Officers, and cases requiring isolation would be found accommodation at the Isolation Hospital, Devonshire Road. Special arrangements have also been made at the Hospital for the reception of cases of infectious disease from overseas and for the observation of contacts. The Corporation motor ambulance is available for the removal of cases to Hospital. All contacts are kept under the supervision of the Port Medical Officer.

8 & 9. BACTERIOLOGICAL AND PATHOLOGICAL EXAMINATIONS.

A sample of rats caught on board ship is subject to a macroscopic examination at frequent intervals. No condition resembling Plague has ever been found. Laboratory facilities for bacteriological investigation are available locally if necessary.

10. VENEREAL DISEASE.

A local centre exists at the Devonshire Road Hospital for the diagnosis and treatment of Venereal Disease. Information as to location, days and hours of the available facilities, etc., is supplied by notice to the Master or other responsible officer on a vessel's arrival and every assistance is given to patients to obtain treatment.

11. INTERMENTS.

There are no special arrangements for the interment of dead arriving by sea. The body is first examined by a Medical Officer of the Authority.

TABLE C.

Cases of infectious sickness landed from vessels.

No cases of infectious sickness were landed from vessels during 1950.

TABLE D.

No cases of infectious disease on vessels during the voyage, but disposed of prior to arrival, were reported.

V-MEASURES AGAINST RODENTS.

The Port is not seriously threatened with rat prevalence. As a precautionary measure, however, the officers in charge of vessels are requested, when considered necessary, to have the rat guards fixed on hawsers to prevent the passage of rats between ships and the shore.

TABLE E. RATS DESTROYED DURING YEAR ON VESSELS.

Rats	Jan.	Feb.	Mar.	Apl.	May	Jne.	Jly.	Aug.	Sep.	Oct.	Nov.	Dec.	Total in Year
Black Brown Species not						1		2					3
recorded Examined Infected with						₁		2					
Plague						Nil		Nil					Nil

TABLE F.

No rats were destroyed at Docks, Quays, Wharves and Warehouses.

TABLE G.

It was not found necessary to take any measures of Rat Destruction with regard to vessels arriving from Plague infected ports.

TABLE H.

As from May, 1930, the Port was included in the list of ports where the Medical Officer of Health is authorised to issue Deratization Certificates and Deratization Exemption Certificates for which provision is made in Article 28 of the International Sanitary Convention, 1926.

34 Deratization Exemption Certificates on Form Port II were issued during the year.

DERATISATION CERTIFICATES AND DERATISATION EXEMPTION CERTIFICATES ISSUED DURING THE YEAR.

The second se	12 71	No. o	of Deratiz	ation Cer	tificates is	sued.	No. of Deratiz	1	
Net Tonnage.	No. of	After	fumigatio	n with	After Trapping	POUTIES	ation Exemp-	Total Certi-	
	Ships.	HCN	Sulphur	Sulphur H C N and Sulphur		Total.	tion Certifi- cates issued	ficates issued.	
Ships up to 300 tons	1					ROWCI	1		
Ships from 301 tons	mark 1						1100 A 14	1	
to 1000 tons	1						1	1	
Ships from 1001 tons	N. Sec. P.		TO. TH	inter-	ARA				
to 3000 tons	6						6	6	
Ships from 3001 tons to 10000 tons		and the second		104 314		Contraction of the second	CLOQ 10		
and the second	25						25	25	
Ships over 10000 tons	1						1	1	
Totals	34						34	34	

No vessel arrived at the Port either Plague-infected or Plague-suspected. No Vessels from Plague-infected Ports arrived during the year.

THE PARROTS PROHIBITION OF IMPORT REGULATIONS, 1930.

Two Budgerigars, brought into the Port aboard one vessel, were destroyed under the above regulations.

VI-HYGIENE OF CREWS' SPACES.

TABLE J.

CLASSIFICATION OF NUISANCES.

Nationality of Vessel.	No.inspected during the year.	Defects of original construction.	Structural defects through wear & tear.	Dirt, vermin and other conditions prejudicial to health.
British	88		11	26
Other Nations	73		15	24

VII-FOOD INSPECTION.

1. IMPORTED FOOD.

No foodstuffs arrived at the Port during the year, therefore no action was taken under the Public Health (Imported Food) Regulations, 1937, the Public Health (Preservatives, etc., in Food) Regulations, 1925-1940, and the Food and Drugs Act, 1938 (Section 39) respectively.

2. SHELL-FISH.

The gathering of Cockles and Mussels from Walney Channel is prohibited by an Order made in 1918, and the gathering of Periwinkles is prohibited by an Order made in 1946.

SANITARY CIRCUMSTANCES.

The following is a summary, prepared by the Chief Sanitary Inspector, of the work carried out in his Department during the year 1950 :---

HOUSING.

HOUSING ACT, 1936.

Section 11.

DEMOLITION ORDERS.

No. of Demolition Orders made in respect of Individual Unfit Houses 10

By the end of the year these properties had been demolished or were in course of demolition.

ABATEMENT OF NUISANCES.

No. of complaints regarding nuisances and sanitary defects received and investigated	1336
No. of inspections and re-inspections made under the provisions of the	
Public Health Act & Housing Act	10456
No. of Intimation Notices served in connection with Nuisances and Sanitary Defects	1242
No. of Statutory Notices served in connection with Nuisances and	1212
Sanitary Defects No. of Orders obtained in the Magistrates' Court in respect of Un-	866
abated Nuisances No. of inspections of Cinemas, Theatres and Music Halls	41 57
No. of miscellaneous inspections (Piggeries, Stables, etc.)	428
No. of interviews with owners and agents, etc	955

The following is a summary of work carried out during the year as a result of formal action, and in addition to a considerable amount of work effected as a result of informal action :---

WATER CLOSETS, FLUSHING APPARATUS, ETC.

64
9
36
131
. 32 . 97
. 91
· 97 · 28 · 51
. 51
22

EAVES GUTTERS, RAINWATER PIPES, HOPPER HEADS, ETC.

renewed						-		
No. of premises on which rainwate	or min	100 11	0.00	-	in a			297 134
a dologely c lead valley plittare	repair	rod o	100 - 100 - 100					8
No. of yard gulleys unstopped								10
							 ••••	38
No. of gratings provided to gulleys								322

DRAINAGE AND YARD PAVING, ETC.

NO.	of defective W.C. drains cleared and repaired				
No.	of defective WC drains related and repared			****	41
No	of defective W.C. drains repaired or relaid				11
10000	added a suitable waller arains renaired or relaid				9
NO.	of stopped surface water drains cleared and reasing			****	
No.	of stopped surface water drains cleared and repaired				51
	active unami veni sharrs repaired or removed				30
	a rouning yaru uranis repaired or renowed				
No.	of defective ward surfaces repaired			****	12
No	of defective yard surfaces repaired or renewed				124
	ST VIVI ANU UCIECTIVE SINK Wacto Dinoc ropained an				180
NO.	of broken and defective bath waste pipes mensiond	ALC W	cu		
No.	of broken and defective bath waste pipes repaired or r	enev	ved		14
	active the sull plips repaired or reported				32
No.	of drainage systems overhauled and relaid				31
	in the of the and hooding remedied		12.00		8

YARD WALLS, YARD DOORS, ETC.

NT-

No. of defective yard doors repaired	OF F	renev	wed	 	 	 101
No. of disused ash-pits removed		cour		 	 	 82
and an pits removed				 	 	 9

GENERAL REPAIRS AND RENEWALS TO DWELLING-HOUSES.

NO. OI FOOIS repaired		200
No. of floors repaired No. of floors repaired or renewed No. of cases of dampness in walls remedied		562
no. of cases of dampness in walls remedied		010
No. of cases of dampness in walls remedied		313
No. of cases of defective plasterwork of walls repaired or renew	'ed	803
No. of defective doors repaired or renewed		214
		228
		220
No. of defective parlows for and reparted of renewed		51
No. of defective parlour firegrates repaired or renewed		23
a dicture bearoom pregrates repaired or repaired		
		11

No. of defective chimney stacks repaired or rebuilt	57
No of defective chimney flues repaired or reconstructed	33
	81
No. of defective washing boilers repaired or renewed	18
No. of defective cement renderings to external walls repaired or renew	ed 33
No. of defective skylights repaired or renewed	15
	158
	16
No. of loose handrails to staircases refixed	23
No. of defective fixed cupboards, shelves, etc., repaired or renewed	6
	23
	302
	68
	145
	52
	222
	38
	92
	33
	58
No. of defective mantelpieces repaired or renewed	3
	171
	11
	5
	23
	3
	8
	1
	44
	8
No. of cases of defective pointing remedied	442

OTHER NUISANCES.

	of filthy, unwholesome or verminous premises			
	infested	 	 	12
No.	of nuisances from filthy bedding abated	 	 	1
	of accumulations of offensive refuse removed		 	38
	of dirty and insanitary areas to buildings cleanse			18
No.	of miscellaneous nuisances abated	 	 	20

WATER SUPPLY TO OCCUPIED DWELLING-HOUSES.

No.	of Statutory Notices served under t the Public Health Act, 1936, requir								
	supply of wholesome water to dwel	ling-l	house	es					48
No.	of dwelling-houses provided with a su	ifficie	entsu	upply	v of v	vater			83
No.	of dwelling-houses provided with a s	uffici	ent s	suppl	y of	wate	r by	the	
	Corporation, in default of owners								Nil
No.	of leaking water pipes repaired								16

DRAINAGE WORK.

The provisions of Section 41 of the Public Health Act, 1936, regarding the notification to be given to the Local Authority of the repair, reconstruction or alteration of the course of any underground drain, are enforced by the Sanitary Inspector's Department, and all such work is inspected and approved by the Sanitary Inspectors before being covered in.

No. of inspections and tests carried out in connection with the repair of, alteration to, or addition to, drains 1053

SHOPS ACT, 1934.

NO.	of inspections carried out under the provisions of Section 10 of Shops Act. 1934	the	
	Shops Act, 1934 The provisions were generally complied with.		461
No.	of Notices served in respect of defaults under the provisions		2

CONTROL OF MOVEABLE DWELLINGS.

During the year considerable time was devoted to the inspection of tents, vans, sheds, etc., used for human habitation.

There is one licensed site within the County Borough area.

One Licence, authorising the use of a caravan as a dwelling house, was re-newed for a period of 12 months.

RODENT CONTROL.

The Council employ a Rodent Officer and a Rat-Catcher to deal with rat and mouse infestation. The work is carried out free of charge, with the exception that occupiers of business premises, factories and work-places are required to pay for the cost of materials and labour. The following is a Summary of the work carried out in this connection during 1950:—

No. of premises found to be infested and treated		 	257
Estimated No. of rats poisoned		 	151
Estimated No. of rats poisoned		 	730
No. of rats trapped		 	178
No. of mice trapped	••••	 	8
No. of mice trapped		 	397

Rodent Control work in respect of the sewers is the responsibility of the Borough Engineer and Surveyor.

During the course of the sewer-baiting, the Rodent Control staff carried out systematic inspections of properties adjacent to the sewers undergoing treatment and it was found that the sewer work had a very marked beneficial effect upon the infestations discovered in surface properties.

Many surface infestations have been remedied throughout the Borough by means of the repair or reconstruction of defective drainage systems.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The above-mentioned Act which came into force on the 31st March, 1950, revoked the Rats and Mice (Destruction) Act, 1919. The new Act places the onus on Local Authorities to take such steps as may be necessary to secure as far as practicable that their Districts are kept free from rats and mice, and in particular to carry out inspections from time to time, to destroy rats and mice on land occupied by Local Authorities, and to enforce the duties of owners and occupiers of land regarding rodent infestation. Occupiers of land infested by substantial numbers of rats or mice are legally bound to notify the local authority thereof in writing. The Act places the onus of disinfestation of land upon the owner or occupier thereof and provides for the service of notice upon the owner or occupier by the Local Authority, requiring him to take specific action within a specified time for the eradication of rats and mice, and empowers the Local Authority to carry out such work in default, and to recover the cost thereof from the said owner or occupier.

INFECTIOUS DISEASES.

No. of visits of enquiry and inspection re cases of Infectious Disease 156 Disinfection of premises and effects was carried out where necessary.

PHARMACY AND POISONS ACT, 1933.

No. of visits of inspection in relation to applications of persons for the retention of their names in the Authority's List of persons entitled to sell poisons included in Part II of the Poisons List 68

FERTILISERS AND FEEDING STUFFS ACT, 1926.

Four Informal samples of feeding stuffs were submitted for analysis under the above Act during the year. The protein content in one of the samples was below the guarantee and outside the limits of variations by 1.45%. The seller was interviewed regarding this deficiency. The other three samples were satisfactory.

MILK SUPPLY.

No. of visits paid to Dairies, Milk Shops and Milk Pasteurising Depots 325

THE MILK AND DAIRIES REGULATIONS, 1949

These Regulations came into operation on the 1st October, 1949, and revoked the Milk and Dairies Regulations, 1926 to 1943. The Minister of Agriculture and Fisheries became responsible for the registration of dairy farms and of persons carrying on or proposing to carry on the trade of dairy farmer.

The execution and enforcement of the regulations on dairy farms (except in so far as they relate to diseases Communicable to Man) became from 1st October, 1949, the responsibility of the said Minister, while Local Authorities retain responsibility for those provisions which apply outside dairy farms, for the provisions relating to diseases Communicable to Man, for the registration of dairies other than dairy farms, and for the registration of dairymen and distributors of Milk.

THE MILK (SPECIAL DESIGNATIONS) (RAW MILK) REGULATIONS, 1949.

THE MILK (SPECIAL DESIGNATIONS) (PASTEURISED AND STERILISED MILK) REGULATIONS, 1949.

These Regulations re-enact with amendments the provisions of the Milk (Special Designations) Regulations, 1936 to 1948.

The Milk (Special Designations) (Raw Milk) Regulations, 1949, provide that Licences to producers to use any special designation shall be granted by the Minister of Agriculture and Fisheries, while Local Authorities will continue to grant Licences to dealers to use special designations in respect of milk sold by them.

The Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949, provide for a new special designation "Sterilised Milk." Licences in respect of Pasteurising and Sterilising establishments will be issued by the Food and Drugs Authorities, and Local Authorities will continue to be responsible for all other Licences connected with these designated milks.

All fees for Licences have been dispensed with under the provisions of the above-mentioned Regulations.

BACTERIOLOGICAL EXAMINATION OF MILK SAMPLES.

PASTEURISED MILK.							
No. of samples taken							83
No. satisfactory in all respects							82
No. unsatisfactory on Coliform Test							1
No. unsatisfactory on Phosphatase Test							Nil
No. unsatisfactory on Methylene Blue Test							Nil
No. of Licensed Milk Pasteurisers in the Bor							
A ALL ALL ANTION AND THE TRANSPORTATION AND A	H.T.S.	T. P	roce	SS			2
TUBERCULIN TESTED (PASTEURISED) MILK.							
No. of samples taken			,				10
No. satisfactory in all respects			••••				16 15
No. unsatisfactory on Coliform Test							1
No. unsatisfactory on Phosphatase Test							Nil
No. unsatisfactory on Methylene Blue Test							Nil
No. of Licensed Pasteurisers of Tuberculin-T	ested	Milk	in t	he B	orou	gh :	_
H.T.S.T. Process							1
ACCREDITED MILK (PRODUCED WITHIN THE]	Borot	JGH)					
No. of samples taken No. satisfactory on both Methylene Blue and							9
No. satisfactory on both Methylene Blue and	d Colif	form	Tes	ts			8
No. unsatisfactory on Methylene Blue Test							Nil
No. unsatisfactory on Coliform Test							1
ACCREDITED MILK (PRODUCED OUTSIDE THE	Bono	mon					
No of samples taken	DORU	OGH	,				-
No. of samples taken No. satisfactory on both Methylene Blue and	A Coli	form	Too			••••	5
No. unsatisfactory on Methylene Blue Test	a com	torm	res	ts			4
No. unsatisfactory on Coliform Test							1
a light second ball and share and when the second se							•
TUBERCULIN-TESTED MILK (PRODUCED WITH	IIN TH	E BO	DROL	IGH)			
No. of samples taken				,,			21
No. satisfactory on both Methylene Blue and	d Colif	form	Tes	ts			19
No. unsatisfactory on Methylene Blue Test							2
No. unsatisfactory on Coliform Test							Nil
TUBERCULIN-TESTED MILK (PRODUCED OUTS	SIDE T	HE E	BORD	UGH).		
No. of samples taken No. satisfactory on both Methylene Blue and							41
No. satisfactory on both Methylene Blue and	d Colif	form	Tes	ts			25
No. unsatisfactory on Methylene Blue Test							5
No. unsatisfactory on Coliform Test							14
Oppurs an Mars (Deserves)	-						
ORDINARY MILK (PRODUCED WITHIN THE]	Borot	JGH)					
No. of samples taken							37
No. satisfactory in all respects							23
No. unsatisfactory on Plate Count Test							9
No. unsatisfactory on Methylene Blue Test No. unsatisfactory on Coliform Test				••••			6
and another of your comornin rest							11
ORDINARY MILK (PRODUCED OUTSIDE THE B	OPOT	(117					
	OROUC	эн).					00
No. of samples taken			••••				86
No uncatiofactory on Dista Count Tool							48
No. unsatisfactory on Methylene Blue Test							17 20
No. unsatisfactory on Coliform Test							33
							00

BIOLOGICAL EXAMINATION OF MILK SAMPLES.

Total No. of bulk samples of Milk submitted for animal inoculation test	74
Total No. of bulk samples of Milk showing the presence of B. Tuberculosis No. of samples of undesignated milk showing the presence of B. Tuber-	11
culosis	8
No. of samples of Accredited Milk showing the presence of B. Tuber- culosis	. 2
No. of samples of Tuberculin-Tested Milk showing the presence of B. Tuberculosis	1

Three of the above-mentioned samples of undesignated milk showing positive results, were from milk produced outside the County Borough.

The two samples of Accredited Milk and the one sample of T.T. Milk showing positive results, were from milk produced outside the County Borough.

Details regarding the 11 samples showing positive results were sent to the Divisional Officer of the Ministry of Agriculture and Fisheries, and as a result of the subsequent clinical examinations of the herds concerned, together with the examination of further samples of mik taken from groups of cows and individual cows in each herd, the affected animals were discovered and immediately removed from the herd for slaughter under the provisions of the Tuberculosis Order, 1938.

The sampling of milk for submission to the Animal Inoculation Test for the presence of Tubercle Bacilli had to be considerably curtailed owing to the severe shortage of guinea pigs.

THE ICE-CREAM (HEAT TREATMENT, ETC.) REGULATIONS 1947 and 1948.

The administration of these Regulations was fully carried out and repeated visits of inspection to premises where ice-cream is manufactured and/or sold showed that, following advice and explanation given by the Inspectors, the provisions were being well complied with.

No. of inspections of premises where Ice-Cream is manufactured and/or

487

18

BACTERIOLOGICAL EXAMINATION OF ICE-CREAM

During the year, samples of Ice-Cream were obtained from the various premises registered for its manufacture and/or sale, and were submitted to the Plate Count Test and Coliform Test in addition to the Methylene Blue Test recommended by the Ministry of Health. Details of the samples and the results of the tests are as follows :—

No. of samples of Ice-Cream submitted				25
No. of samples satisfactory on Methylene Blue,	Plate	Count	and	
Coliform Tests				13
No. of samples unsatisfactory on Plate Count Test				4
No. of samples unsatisfactory on Coliform Test				8

All the above-mentioned samples of Ice-Cream satisfied the Methylene Blue Test.

CHEMICAL ANALYSIS OF ICE-CREAM

No. of samples of Ice-Cream submitted for Analysis

The results showed a variation of fat content of between 1.6% and 12.6%, the average percentage of fat content being 7.86.

FOOD PREMISES.

During the year, routine visits of inspection were carried out regularly of all types of food premises including shops, food factories and warehouses, restaurant and hotel kitchens, canteens, ice-cream manufacturers' and dealers' premises, butchers' shops, market stalls and the Cold Stores. Inspections were also carried out of vehicles used for the transport of meat and other foodstuffs.

The following is a summary of the inspections carried out and action taken in connection with food premises.

THE FOOD AND DRUGS ACT, 1938.

No. of premises registered during the year under Section 14 in co	nnoo	
tion with the preparation or manufacture of sauce gos		
pressed, pickled or preserved food	otted,	
Total No of such association in the second s		3
Total No. of such premises on the register		108
No. of premises registered during the year in connection with		
manufacture or sale of Ice-Cream	i the	
Total No of such such as it is in in in in in in		24
Total No. of such premises on the register		137
No. of inspections of food premises		1 200
No. of written Notices served under the provisions of Section 13 of t		1,398
and the provisions of Section 13 of t	he Ac	+ 11

The above-mentioned Notices, which relate mainly to the repair and cleansing of walls, ceilings, floors, windows, and doors, the provision and maintenance of suitable and sufficient means of ventilation, the provision of washing basins and supply of hot water for the use of persons employed in food premises, were all complied with.

Special attention was paid to personal hygiene in respect of persons engaged in food handling and preparation, and in this connection a high standard has been maintained.

BYELAWS.

During the year, Byelaws under Section 15 of the Food and Drugs Act, 1938, were made and confirmed, for securing the observance of sanitary and cleanly conditions and practices in connection with the handling, wrapping and delivery of food sold or intended for sale for human consumption, and in connection with the sale or exposure for sale in the open air of food intended for human consumption.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924

No. of inspections of butchers' shops, meat stalls and the Cold Stores 314

The Regulations continue to be well complied with generally, and only informal action was necessary where any default was found.

The provisions of the Regulations in regard to the transport of Meat have been carried out fairly satisfactorily, regard being paid to the difficulty of the provision of suitable covered vehicles for meat transport.

MEAT INSPECTION.

NUMBERS OF ANIMALS SLAUGHTERED AT THE PUBLIC ABATTOIRS.

Year.		Cattle.	Calves.	Sheep.	Pigs.	Total.
1948	 	 2966	3191	13703	874	20734
1949	 	 3140	3069	13501	1199	20909
1950	 	 3985	2935	14369	1870	23159
Increase	 	 845	-	868	671	2250
Decrease	 	 -	134	-	-	-

NUMBER OF WHOLE CARCASES WITH OFFALS CONDEMNED.

Year.		Beef.	Veal.	Mutton.	Pork.	Total.
1948	 	 142	98	49	5	294
1949	 	 109	64	21	12	206
1950	 	 157	86	56	12	311
Increase	 	 48	22	35	-	105

UNSOUND MEAT: CARCASES AND PART CARCASES CONDEMNED AT THE

ABATTOIRS.

Disease.	Beef.	Veal.	Mutton.	Pork.	Total.
	lbs.	lbs.	lbs.	lbs.	lbs.
Tuberculosis	63230	496	-	890	64616
Other conditions	18455	2348	2309	892	24004
	01005	2844	2309	1782	88620
	81685	2044	2309	1764	

UNSOUND VISCERA CONDEMNED AT THE ABATTOIRS.

Disease.	Beef.	Veal.	Mutton.	Pork.	Total.
	lbs.	lbs.	lbs.	lbs.	lbs.
Tuberculosis	43976	115	-	2136	46227
Other conditions	46848	762	11253	464	59327
	90824	877	11253	2600	105554

Details and have a state of the second state o	Cattle	Calves	Sheep & Lambs	Pigs
Number killed	3985	2935	14369	1870
Number Inspected	3985	2935	14369	1870
All diseases except Tuberculosis, Whole carcases condemned	38	75	55	8
Carcases of which some organ or part was condemned	3151	14	4669	260
Percentage of the No. inspected affected with disease other than Tuberculosis	80.025%	3.03%	32.87%	14.33%
Tuberculosis only. Whole carcases condemned	119	11		3
Carcases of which some organ or part was condemned	1401	Long a		150
Percentage of the number inspected affected with Tuberculosis	38.14%	0.37%		8.18%

MEAT INSPECTED AFTER DELIVERY TO THE ABATTOIRS FROM OTHER MINISTRY OF FOOD DEPOTS OUTSIDE THE COUNTY BOROUGH AREA.

154 Sides of Beef, 326 Sheep Carcases, 27 sets of Beast Offals.

IMPORTED MEAT CONDEMNED.

637 lbs. of Imported Beef, 145 lbs. of Imported Mutton.

OTHER FOODSTUFFS CONDEMNED AT THE ABATTOIRS.

53 x 6 lbs. tins of Corned Beef.

17 x 12 ozs. tins of Corned Beef.

CONGENITAL TUBERCULOSIS IN CALVES.

During the year, 11 cases of Congenital Tuberculosis in calves have been found on post-mortem examination at the Abattoirs.

Notification was sent in each case to the Ministry of Agriculture and Fisheries and appropriate action taken, resulting in the dams of 8 of the calves being dealt with by slaughter under the provisions of the Tuberculosis Order 1938. The dam of one calf was found not to be amenable to the provisions of the Tuberculosis Order 1938, and the dams of the remaining two calves were not traced.

ADMINISTRATION OF THE FOOD AND DRUGS ACT. Relating to Samples of Food analysed during the Year 1950.

NEW MILK.

Two informal samples taken from the same source were each reported to be deprived of 13% of their original milk fat. Referred to the Lancashire County Council, in whose area the supply was produced. Two informal samples taken from the same source of supply in the County area were certified by the County Analyst to be deficient of 3.3% and 6.6% of fat respectively. The vendors were notified of the deficiencies by the County Medical Officer of Health.

Three informal samples were reported to be milks of abnormal composition. TABLE JELLIES.

One formal sample was reported to be slightly deficient of Sugar (total sugar, 46%). The manufacturers were communicated with.

LEGAL PROCEEDINGS.

No legal proceedings were instituted during the year.

ANALYSIS OF MILK SAMPLES.

Number of samples reported to be adulterated or below the standard	-
of the Board of Agriculture	5
Percentage of samples adulterated or below the standard of the Board of Agriculture	5
Average percentage of fatty and non-fatty solids in total samples analysed	
Fatty solids 3.6 Non-fatty solids 8.8	9
Non-fatty solids 8.8 Total solids 12.5	4
SUMMARY.	
No. of samples showing deficiency in milk fat	2
	03

UNSOUND FOOD

The following articles of food dealt with by Authorised Officers under the Food and Drugs Act, have been voluntarily surrendered and destroyed or otherwise suitably disposed of according to the recommendation of the Ministry of Food in connection with the salvage of Unfit Food.

DESTROYED

262
52
606
321
,101
133
156
7
372
79
32
33
363

Bottles and Jars	of San	dwic	h Spre	ad		330
Bottles and Jars						53
Bottles and Jars						113
Jars of Cheese Po						6
Jars of Meat and						31
						1
Jars of Olives						1
Bottles of Celery						5
Cartons of Cream						3
						The
Fish				Cwts.	Qrs.	Lbs.
Deser				2 1	0	121
~					3	123
Consta				1	0	131
Cereals				10	1	13
Confections				1	3	21
Gelatine				1	0	0
Cake and Puddin	-	tures		2	2	17
Sausages					2	101
Black Puddings					1	9
					1	24
Synthetic Cream					1	1
Frozen Liquid E	gg .				1	12
Brawn						3
Fat						$2\frac{1}{2}$
Milk Whipping C	ompou	ind				111
Genoa Cake						6
Dried Fruits						9 <u>1</u>
Prawns						24
Fish Cakes						19
Pepper						1
Bisto						6
Eggs						24 Dozen.
Rabbits						20
Soup Powders						10
and the second s						

Food Found to be Unfit for Human Consumption but Salvaged and Disposed of in Accordance with the Recommendations of the Ministry of Food.

				Cwts.	Qrs.	Lbs.
Butter		 	 	1	0	0
Oatmeal		 	 		3	0
Currants		 	 		2	4
Bacon and H	am	 	 		3	4
Poultry		 	 		2	$2\frac{1}{2}$
Black Puddin						12
Chitterlings		 	 		1	12
Luncheon Me	at	 	 		1	19
Suet		 	 			241

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adulterated or standard.	rmal Total.	 5 3							1															5 6
No. of Samples adulterated or not up to standard.	Formal. Informal																							1
enuine.	Total.	86	1			-	1	1		1	1	1	6	1	8		o.	9		18	00	I	9	160
No. of Samples genuine.	Formal. Informal	83					:							L	3	1	2	9	1	18	80	1	9	139
No. of S	Formal.	3	1	-			1	1		1	1	1	6											21
	Description of Sample.	New Milk	Margarine	White Pepper	Mincemeat	Jam	Custard Powder	Baking Powder	Table Jellies	Glace Cherries	Mixed Spice	Gelatine	Sausages	Meat Paste	Shredded Suet		Self Raising Flour	Confectionery	Ground Almonds	Ice Cream	Salad Cream		Coffee & Chicory Essence	
taken.	Total.	16	1	1	1	1	1	1	1	1	1	1	6	2	3	1	S	9	1	18	8	1	9	166
No. of Samples taken.	Formal. Informal	 88												2	3	1	5	9	1	18	8	1	9	144
No. of	Formal.	3	1	1	1	1	1	1	1	1	1	1	6				····· ···							66

1948
AND
1937
ACT,
FACTORIES

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

- Otput nuprenet relating an Dirit and Depiroting	Number		Number of	
Premises	number on Register	Inspections	Written notices	Occupiers prosecuted
 (i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	35	38	10	Nil.
 (ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority 	217	163	a	Nil.
 (iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) 	23	27	5	Nil.
TOTAL	275	228	17	Nil.

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Number of cases in	which prosecutions were instituted		Nil.
were found	Referred M. By H.M. or Inspector	* 0	9
Number of cases in which defects were found	Ref To H.M. Inspector		
f cases in w	Remedied	· · · · · 4 1 · 4	19
Number o	Found	4 = 4	19
Total and and some hearings	Particulars	Want of cleanliness (S.1.)	TOTAL

	Prosecutions	1		1
Section 111	Notices served	I		1
	No. of instances of work in unwholesome premises	1		1
	No. of prosecu- tions for failure to supply lists	1		1
Section 110	No. of cases of default in sending lists to the Council	1		1
	No. of out-workers in August list required by Sect. 110 (1) (c)	5		67
	Nature of Work	Wearing Apparel (making, etc.)	E	10TAL

OUTWORK (Sections 110 and 111).

