

[Report 1941] / Medical Officer of Health, Whitehaven Borough.

Contributors

Whitehaven (England). Borough Council.

Publication/Creation

1941

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For the Year 1941



J. W. INNES, M.A., M.B., Ch.B., D.P.H.,
MEDICAL OFFICER OF HEALTH

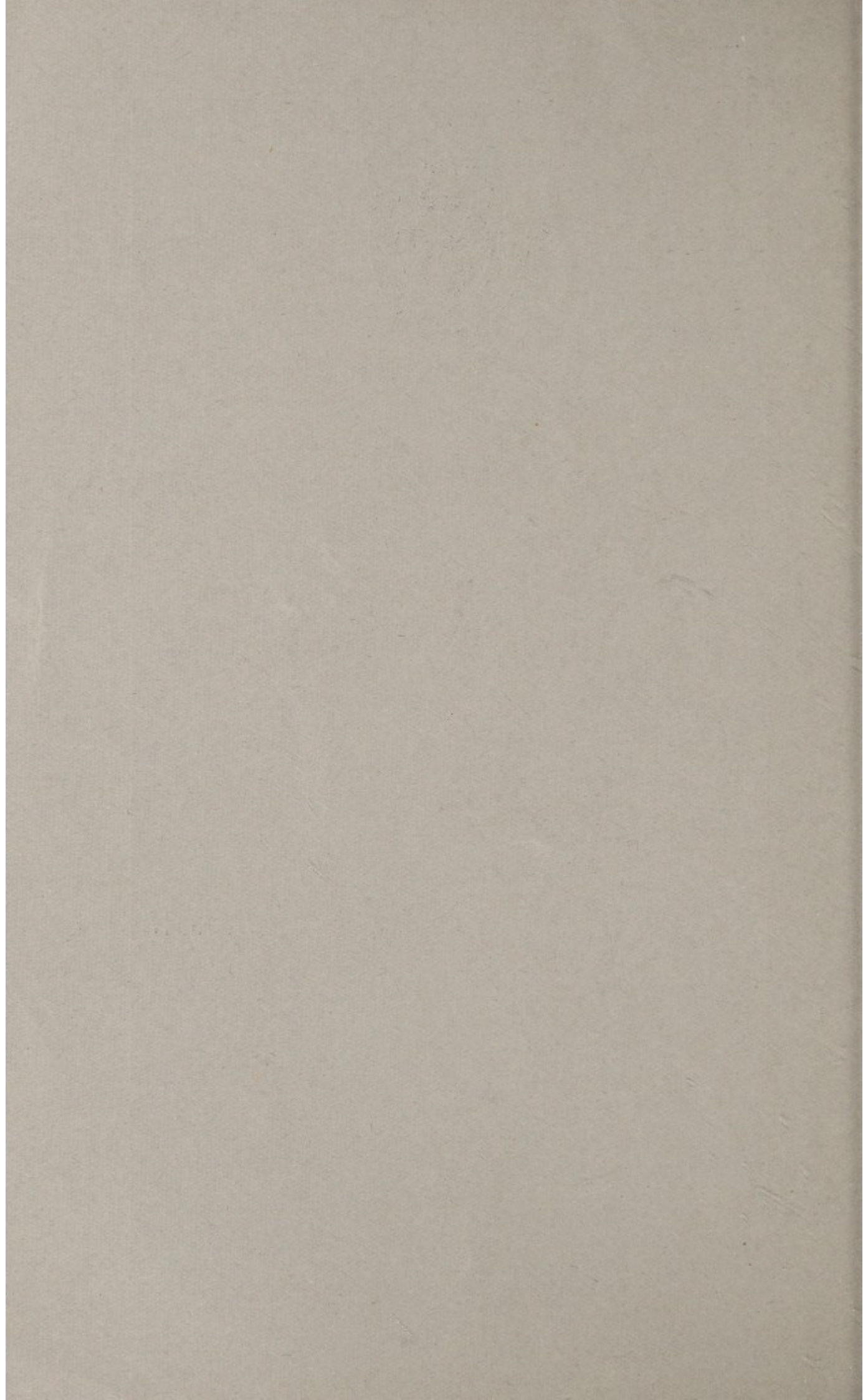


WHITEHAVEN

Printed by The Whitehaven News, Ltd., 148, Queen Street

1942

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HEALTH AND HOUSING COMMITTEE.

Chairman Alderman STEPHENSON.

Vice-Chairman Councillor CLAYTON.

The Mayor (Alderman F. HARVEY).

Aldermen—HINDE and WILKINSON.

Councillors—BROWNE, DICK, KNIPE, and McSHERRY.

MATERNITY AND CHILD WELFARE COMMITTEE.

Chairman Alderman STEPHENSON.


Vice-Chairman Councillor CLAYTON.

The Members of the Health and Housing Committee with
Mesdames BLACK, JOHNSON, and WIGNALL.

REPRESENTATIVES ON THE WEST CUMBERLAND
JOINT HOSPITAL BOARD.

Councillor CLAYTON—Chairman of the Board.

Alderman STEPHENSON.



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HEALTH DEPARTMENT.

J. W. INNES, M.A., M.B., Ch.B., D.P.H.	<i>Medical Officer of Health</i>
J. L. HUNTER, M.B., Ch.B., D.P.H.	<i>Deputy Medical Officer of Health (on Military Service).</i>
*NORA M. LEESMITH, M.B., B.S. (Resigned 28.2.41)	<i>Assistant Medical Officer of Health and School Medical Officer.</i>
*ALLAN S. MOODIE, M.B., Ch.B., D.P.H.	<i>(Appointed 26.4.41).</i>
H. HILTON, L.D.S.	<i>Dental Officer.</i>
J. F. LORD, C.R.S.I.	<i>Sanitary Inspector.</i>
E. ELLERINGTON, C.R.S.I.	<i>Additional Sanitary Inspector (resigned August, 1941).</i>
J. H. RILEY, C.R.S.I.	<i>(Appointed 1.11.41).</i>
Miss BERRY	<i>Health Visitor and School Nurse.</i>
Miss LODGE	<i>Do.</i>
Miss HODGSON	<i>Do.</i>
*Mrs. MESSENGER...	<i>Do.</i>

The above are fully trained Nurses, and hold the C.M.B. Certificate, and the Health Visitors' Certificate.

Miss FIELD, C.M.B.	<i>Dental Attendant.</i>
J. WEAR, C.R.S.I.	<i>Clerk (on Military Service)</i>
Miss DAVIDSON	<i>Clerk-Typist.</i>
*Miss BEATY	<i>Do.</i>
*Miss BANKS	<i>Do.</i>
	<i>(Appointed 13.10.41).</i>

*—Temporary War Appointment.

PART TIME.

A. W. PATTON, M.R.C.S., L.R.C.P., D.O.M.S.	<i>Ophthalmic Surgeon.</i>
J. STEVEN FAULDS, M.D., F.R.F.P.S.	<i>Bacteriologist, Cumberland Laboratory.</i>
R. S. VENTERS, M.B., Ch.B., F.R.C.S.	<i>Consultant Ear, Nose and Throat.</i>
G. P. MILNE, M.B., Ch.B., D.C.O.G.	<i>Consultant Gynaecologist.</i>
C. J. H. STOCK, B.Sc., F.I.C.	<i>Analyst.</i>
W. LITT, M.R.C.V.S.	<i>Veterinary Inspector.</i>

STATE OF NEW YORK

IN SENATE, January 10, 1907.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE, IN ANSWER TO A RESOLUTION PASSED BY THE SENATE, APRIL 11, 1906.

ALBANY: J. B. LIPPINCOTT COMPANY, PRINTERS, 1907.

Published by authority of the Senate.

Price, 50 cents.

For sale by the State Printer, Albany, N. Y.

Accepted for mailing at special rate of postage provided for in Act of October 3, 1917, authorized on July 10, 1918.

Postage paid at Albany, N. Y., and at additional mailing offices.

Permit No. 100, Albany, N. Y.

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Printed at the State Printing Office, Albany, N. Y.

State of New York, 1907.

Albany, N. Y.

TOWN HALL,
WHITEHAVEN,
26th June, 1942.

*To His Worship the Mayor,
The Aldermen and Councillors,
Borough of Whitehaven.*

MR. MAYOR AND GENTLEMEN,

I beg to submit my Annual Report as your Medical Officer of Health for the year 1941.

The Report has, by instructions, been kept brief, but for the sake of continuity of records, I have tried to retain the main features as far as possible.

In common with other Departments, much additional work has had to be undertaken owing to present circumstances, but so far it has been found possible to carry on the activities of the Department on the full pre-war scale with the exception of housing, in which connection work has necessarily had to be very much curtailed.

The statistics for the year show a most satisfactory position in regard to the general health of the community.

The General Death Rate for the year fell from 16.2—now an abnormally high figure—in 1940, to 11.6, than which a lower rate has only once been previously recorded for the Borough, namely in 1932, when it reached the figure of 10.8.

The Infantile Mortality Rate fell from 75 in 1940, to 58, which is 12 better than the average for the last ten years, and the third lowest rate ever recorded for Whitehaven.

The Borough, too, was remarkably free from diseases of a zymotic nature, and, apart from Tuberculosis and Pneumonia, there were only six deaths from notifiable infectious diseases, two from Cerebro-spinal Fever, and four from Whooping Cough.

One can, therefore, repeat with confidence that the general health of the community has not, so far, suffered from war-time conditions, and the contention that the abnormal figures of the previous year were not due to these causes so much as to abnormal climatic conditions, is supported by this speedy return to normal.

In conclusion may I once more express my grateful thanks to the members of my staff for their continued efforts to maintain the standard of the Health Department, to all other Departments, the members of which have invariably given full co-operation, and to the Chairman and Members of the Committees concerned with the work of this Department.

I am,

Mr. Mayor and Gentlemen,

Your obedient Servant,

J. W. INNES,

Medical Officer of Health.

A.—STATISTICAL SUMMARY.

I.—GENERAL STATISTICS.

Area of Borough in acres	4,315
Registrar General's estimate of resident population, (mid year, 1941)	— X
Number of Inhabited Houses (end of 1941) accord- ing to Rate Books	5,954 X
Rateable Value (1st April, 1941)	£101,553
Sum represented by a Penny Rate	£386

EXTRACTS FROM
VITAL STATISTICS FOR THE YEAR.

BIRTHS.	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Live Births.—Legitimate ...	226	185	411
—Illegitimate ...	16	15	31
Total ...	242	200	442

Birth Rate per 1,000 of Population 18.7

	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Still Births.—Legitimate ...	10	11	21
—Illegitimate ...	—	1	1
Total ...	10	12	22

Rate per 1,000 total births 47.4

DEATHS.	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Deaths (all ages)	154	120	274
Death Rate per 1,000 of Population		11.6	

Deaths from Puerperal Causes.

	<i>Deaths.</i>	<i>Rate per 1,000 (Live & Still) Births.</i>
From Sepsis	<i>nil</i>	<i>nil</i>
From other causes	1	2.12
	—	—
Total	1	2.12
	—	—

Death Rate of Infants Under One Year of Age.

All infants per 1,000 live births	58
Legitimate infants per 1,000 legitimate live births	56
Illegitimate infants per 1,000 illegitimate live births	97

Deaths from

Cancer (all ages)	33
Measles (all ages)	<i>nil</i>
Whooping Cough (all ages)	4
Diarrhoea (under two years of age)	2

BIRTHS.

Birth Rate per 1,000 of Population	18.7
„ „ England and Wales	14.2
„ „ 126 Great Towns	14.7
„ „ 148 Smaller Towns	16.4
(population 25,000—50,000)	
„ „ London Ad. County	8.9
„ „ County of Cumberland	16.0

The number of live births registered during the year was 442, 242 males and 200 females, of whom 16 males and 15 females were illegitimate. The Birth Rate was 18.7 per thousand of estimated resident population, the rate being 0.2 less than the rate for 1940, whereas the rate for the country as a whole showed a decrease of 0.4.

DEATHS.

Death Rate per 1,000 of Population ...	...	11.6
„ „ England and Wales (crude) ...	...	12.9
„ „ 125 Great Towns ...	...	14.9
„ „ 148 Smaller Towns ...	...	13.0
„ „ London ...	...	16.3
„ „ County of Cumberland ...	...	12.6

The number of deaths of residents belonging to the Borough, after making allowance for inward and outward transfers, was 274, viz., 154 males and 120 females, which gives a Death Rate of 11.6 per thousand.

The actual number of deaths was 97 less than in the previous year, and the Death Rate 4.6 less as compared with a fall in the Death Rate for the country as a whole of 1.4.

The chief causes of death during the year were Diseases of Heart and Circulatory System 62; Respiratory Diseases, Pneumonia, Bronchitis, etc., 44; Cancer 33, and Tuberculosis 32.

The ages of all cases who died during 1941 and the causes of death are shown in the following Tables:—

AGE AT DEATH OF ALL CASES, WHITEHAVEN BOROUGH, 1941.

Age Groups	Under 1 year	1	2	3	4	5	10	15	20	25	35	45	55	55*	Over 65	Total
		to 2	to 3	to 4	to 5	to 10	to 15	to 20	to 25	to 35	to 45	to 55	to 65			
Males	15	4	—	2	1	6	1	6	8	6	6	16	19	28	42	154
Females	11	4	—	1	—	3	2	4	2	6	9	9	5	20	53	120

CAUSES OF DEATH DURING THE YEAR 1941.

Causes of Death.	Males.	Females.
All causes	154	120
Typhoid and Paratyphoid Fevers ...	—	—
Measles	—	—
Scarlet Fever	—	—
Whooping Cough	—	4
Diphtheria	—	—
Influenza	—	—
Encephalitis Lethargica	1	—
Cerebro-Spinal Fever	2	—
Tuberculosis of Respiratory System	11	9
Other Tuberculous Disease	6	6
Syphilis	3	—
Cancer	17	16
Diabetes	2	2
Cerebral Hæmorrhage, &c.	15	7
Heart Disease	12	25
Other Circulatory Diseases	2	3
Bronchitis	4	7
Pneumonia (all forms)	14	5
Other Respiratory Diseases	2	2
Ulcer of Stomach or Duodenum	3	—
Diarrhœa (under 2 years)	2	—
Appendicitis	3	—
Other Digestive Diseases	1	5
Nephritis	2	2
Puerperal Sepsis	—	—
Other Maternal Causes	—	1
Congenital Debility, Premature Birth, Malformations, &c. ...	9	8
Road Traffic Accidents	4	2
Other Violence	21	4
Suicide	2	—
All Other Causes	16	14

MATERNAL DEATHS.

One Maternal Death took place within the year.

The rate per 1,000 total births as compared with the corresponding rates for the whole country were:—

	<i>No. of Deaths.</i>	<i>Rate per 1,000 Total Births.</i>	<i>England and Wales.</i>
From Sepsis ...	<i>nil</i>	<i>nil</i>	0.48
From other causes	1	2.12	1.75
Total	1	2.12	2.23

	<i>No. of Notifications.</i>		
Notifications of Puerperal Pyrexia ...	14	30.04	11.91

INFANTILE DEATHS.

Death Rate of Infants under one year of age per thousand live births:—

Legitimate, 58; Illegitimate, 97.	Total, 58
England and Wales	59
126 Great Towns	71
148 Smaller Towns	56
London	68
County of Cumberland	56

The number of deaths of children under one year of age during 1941 was 26, viz., 15 males and 11 females, which gives an Infantile Mortality Rate of 58 per 1,000 registered live births.

This rate shows a decrease of 15 compared with that for the previous year, and is one of the three best figures ever recorded for Whitehaven.

The chief causes of the Infantile Deaths were Prematurity and congenital defects which accounted for 15 of the 26 deaths, and Bronchitis and Pneumonia which accounted for 5 deaths. Thirteen or 50% of the deaths occurred in the neo-natal period, that is within the first month of life. The Mortality Rates for Male and Female Infants respectively were 62 and 55.

Births, Infantile Deaths, and Infantile Mortality Rates by wards are shown in the following table.

	Bransty	Harbour	Kells	Sandwith	Central	Hensingham	Totals
Registered Births	63	56	89	129	60	45	442
Infantile Deaths	2	3	4	12	4	1	26
Infantile Mortality Rate	32	54	45	93	67	22	58

The causes and age at death are shown in the accompanying Table:—

CAUSE OF DEATH.	AGE IN WEEKS.				AGE IN MONTHS						Total Deaths.
	Under 1	1-2	2-3	3-4	Under 1 M th	1-2	2-3	3-6	6-9	9-12	
	Premature Birth	2	—	—	—	2	—	—	—	—	
Congenital Malformations and Debility	9	2	—	—	11	—	—	2	—	—	13
Bronchitis and Pneumonia	—	—	—	—	—	—	1	1	2	1	5
Enteritis	—	—	—	—	—	1	—	—	—	1	2
Whooping Cough	—	—	—	—	—	1	—	1	—	—	2
Other Causes	—	—	—	—	—	1	—	1	—	—	2
	11	2	—	—	13	5	1	5	2	2	26

B.—GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

I.—(1) PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

A list is given at the beginning of the report showing the above Officers. The following changes in, or additions to, the staff were made in 1941.

(a) Dr. Nora Leesmith, who was in place of Dr. Hunter, who is on Military Service, resigned as from the 28th February, and Dr. Moodie was appointed temporarily from the 26th April.

(b) Dr. A. W. Patton was appointed Consultative Ophthalmic Surgeon, although this was not, strictly speaking, a new appointment, but rather a new arrangement. Formerly eye cases were referred to Drs. Ross and Patton, Carlisle, but, in conjunction with the Education Committee, it was found possible to arrange for Dr. Patton to hold a weekly session at the Sandhills Lane Clinic, to which children under school age can be referred.

(c) Miss Banks was appointed as an additional Clerk-Typist from the 13th October.

(2) SERVICES PROVIDED IN THE AREA.

With the exception of the new service for eye cases already mentioned, there has been no alteration in services provided, and all have been carried on on their normal footing so far.

(a) *Welfare Centres.*

The two Centres were held weekly, Sandhills Lane on Wednesdays and Kells on Fridays. The percentage, in relation to notified births, of children under one year of age who were brought to the centre for the first time was 63%, an increase of 7%.

The figures for the two centres during the year were as follows:—

	<i>Sandhills</i>		<i>Total</i>
	<i>Lane.</i>	<i>Kells.</i>	<i>Borough.</i>
No. of Sessions	51	50	101
No. of children 0-1 years of age who attended for the first time... ..	165	130	295

No. of children 1-5 years of age who attended for the first time... ..	35	41	76
Total attendance	1,869	1,794	3,663
Average attendance per Session	37	36	—

Milk Food in the form of dried milk was issued to the extent of 2,346lb.

(b) *Ante-Natal Clinic.*

The Ante-Natal Clinic has been held each Monday at the Sandhills Lane Centre, and the figures for attendances are as follows:—

Total attendances of expectant mothers ...	1,150
No. of expectant mothers who attended ...	381
Average attendance per Session	24

The number of expectant mothers who attended showed an increase of 57.

Domiciliary Ante-Natal Examinations.

The number of expectant mothers who were examined under this scheme during the year was 290, and the number of reports received was 355, 9 more than in 1940:

First Reports	290
Second Reports	60
Third Reports	5

The cost to the Council for these reports was £88 15s. od.

Consultative Ante-Natal Clinic.

Dr. Milne, the consulting gynaecologist, saw 27 new cases, did one re-examination, and performed 3 operations.

(c) *Artificial Sunlight Clinic.*

An Artificial Sunlight Clinic was held twice weekly throughout the year at the Sandhills Lane Centre.

During the year 41 babies attended, making a total of 396 attendances. In addition, 2 expectant mothers made 28 attendances.

(d) *Dental Clinic.*

The figures for the dental work for the year are shown in the following table:—

	<i>Expectant Mothers.</i>	<i>Nursing Mothers.</i>	<i>Pre-School Children.</i>
Numbers specially referred to dental clinics by Medical Officer	44	10	40

Numbers who actually attended	42	4	45
Numbers found to be in need of treatment	42	4	45
Numbers who received treatment	47	14	43
Numbers made dentally fit	38	13	43
Total Attendances	200	77	52

Number of treatments

(a) Fillings			
(1) in temporary teeth	—	—	—
(2) in permanent teeth	3	—	—
(b) Number of teeth extracted	461	100	85
(c) Number of administrations of (i) general anaesthesia	—	—	51
(ii) Local anaesthesia	99	19	—
(d) Number of patients supplied with dentures	20	14	—
(e) Number of dentures supplied	32 full	25 full	—
	5 partial	3 partial	—

Of the above dentures, fifteen were supplied at reduced cost-price, the remainder being paid for at full cost.

(e) *Ear, Nose and Throat Clinic.*

The Ear, Nose and Throat Clinic is held on the second and fourth Friday of each month at the Sandhills Lane Centre, and the following table shows the cases dealt with:—

No. of cases seen	7
No. of cases referred for operative treatment	2
No. of cases referred for operative and other treatment	—
No. of cases referred for observation	5
No. of cases operated on (all Tonsils and Adenoids)	3

(f) *Hospitals.*

The position as regards hospital accommodation remains as stated in last year's Report.

II.—MATERNITY AND CHILD WELFARE.

(I)—MIDWIFERY AND MATERNITY SERVICES.

(a) *Midwives.* These are provided by the County Council as Local Supervising Authority, four full-time midwives being provided. They work in close co-operation with the Officers of the Local Authority and attend the weekly Ante-Natal Clinic, for the supervision of their cases. Copies of all Domiciliary Ante-Natal reports relating to their cases are supplied to them.

(b) *Maternity Services.* The Town Council continued their arrangement with the Whitehaven and West Cumberland Hospital by which maternity cases coming within the Council's Income Scale are received into that institution, through arrangements made by the Local Authority.

During the year 38 cases were admitted through the Local Authority, but altogether 122 Borough confinements took place in Hospital.

Puerperal Cases. An arrangement was made with the County Council whereby all cases of Puerperal Infection occurring either in Hospital or in the Borough are transferred for treatment to Crozier Lodge, Carlisle.

(c) *Health Visitors.* Four Health Visitors act also as School Nurses, each combining the duties of the two posts for an area including a group of schools. There were no changes in the personnel during the year.

The number of home visits showed an increase of 1,828 for the year, as compared with the number for the previous year—a most praiseworthy effort on the part of all the Health Visitors in view of the extra calls that have been made upon their time.

The visits made by each visitor are detailed below:—

	Miss Berry	Miss Lodge	Miss Hodgson	Mrs. Messenger	Total
First visits to children under one year of age ...	120	96	111	109	436
Re-visits to children under one year of age ...	864	835	1,006	741	3,446
Visits to children : 1—5 years of age	1,815	1,255	1,331	1,729	6,106
Visits to Expectant Mothers	418	122	81	67	388
Total	2,915	2,286	2,529	2,646	10,376

(d) *Child Life Protection*.—The Local Authority discharges the functions under Part VII of the Public Health Act, 1936, with reference to the supervision of children under nine years of age who are maintained for reward apart from their parents, through the Maternity and Child Welfare Committee. The Health Visitors and Mrs. Wignall are the designated Child Protection Visitors.

During the year, 7 children were on the Register and were kept under regular supervision, reports being submitted to each meeting of the Committee.

(e) *Orthopaedic Treatment*.—During the year, eight children under school age made 25 attendances at the Orthopaedic Clinic. One child of this age was admitted to Hospital.

C.—SANITARY CIRCUMSTANCES OF THE AREA.

Apart from the installation of a chloramine water purification plant, which was established during the year at Whinney Hill, there is nothing to report in connection with water supplies or sewerage. Other sanitary matters are dealt with fully in the Sanitary Inspector's report, which is printed as an Appendix.

D.—HOUSING.

1.—INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

(1)	(a)	Total Number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts)	161
	(b)	Number of inspections made for the purpose	532
(2)	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	89
	(b)	Number of inspections made for the purpose	297
(3)		Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	—
(4)		Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	89

There is nothing to report on under Sections II and III of the formal Report.

IV.—HOUSING ACT, 1936.—PART IV.—

OVERCROWDING:—

Owing to existing conditions it is impossible to give, with any degree of accuracy, definite figures relating to overcrowding, nor has it been found possible to keep strictly in all cases to the fixed standard.

E.—PREVALENCE OF, AND CONTROL OVER,
INFECTIOUS AND OTHER DISEASES.

I. NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS).

With the exception of the presence of Cerebro-spinal Fever cases which kept occurring throughout the year without ever threatening to assume the proportions of an epidemic, there is nothing to report in regard to infectious diseases, apart from their almost entire absence.

Infectious diseases notified during the year are shown by age-groups in the following table with the number admitted to Hospital and the number of deaths from these diseases.

NOTIFIABLE DISEASES DURING THE YEAR.

DISEASE.	Total Cases Notified.	Under 1 Year.	1	2	3	4	5	10	15	20	35	45	Over	Admitted to Hospital.	Total Deaths.
			to 2	to 3	to 4	to 5	to 10	to 15	to 20	to 35	to 45	65			
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	7	—	1	1	3	—	—	—	—	—	—	1	—	—	—
Diphtheria	5	—	—	—	1	3	—	1	—	—	—	—	—	5	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	14	—	—	—	—	—	—	2	11	1	—	—	—	3	1
Pneumonia (Primary and Influenzal)	12	—	—	—	—	—	—	4	2	2	2	2	2	—	19
Ophthalmia Neonatorum	4	4	—	—	—	—	—	—	—	—	—	—	—	(all forms) 1	—
Erysipelas	6	—	—	—	—	—	—	—	—	4	—	2	—	—	—
Cerebro-Spinal-Meningitis	16	2	1	1	—	—	3	—	5	2	1	3	—	16	2
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	22	6	2	3	4	5	5	1	—	—	—	—	—	—	4

SMALLPOX.

No case of Smallpox occurred during the year.

SCARLET FEVER.

Only seven cases were notified and there were no deaths. No cases were admitted to Hospital.

DIPHTHERIA.

Five cases were notified, all of whom were admitted to Hospital, and there were no deaths. Four cases occurred in children attending school, and in no case had the child been immunised.

DIPHTHERIA PROPHYLAXIS.

A scheme for the protection of children attending the elementary schools in the Borough was instituted in 1936, and has been carried on since then. Immunisation was subsequently made available for children under school age at the Welfare Clinics. Consequently a good deal of the ground had been already covered before the Ministry's scheme for the general inoculation of all children between the ages of 1 and 15 came into force.

During 1941, a total of 796 school children were immunised—625 attending elementary schools, and 171 resident in Whitehaven, attending the County Secondary or Private schools, making a total of 5,199 immunisations carried out through schools since the scheme was first instituted.

Whilst the immunisation of children attending schools is satisfactory, unfortunately the response as far as the Welfare Clinics are concerned is still disappointing, although the position in this respect is gradually improving.

During the year, 151 children under school age were immunised at Welfare Clinics.

PERCENTAGES OF CHILD POPULATION IMMUNISED:

(a) 5-15 years of age.

Taking the age-groups 1927-1936 inclusive as the 5-15 years-of-age group of children—estimated at 4,100—the

actual number immunised on the 31st December, 1941, of whom the Local Authority has details, amounted to 3,459, representing 84 per cent. of these children. A few others may have been done privately of whom particulars are not available, but this would not materially affect the position.

(b) *0-5 years of age.*

Taking the age-groups 1937-1941 inclusive as the 0-5 years-of-age group of children—estimated at 2,000—the actual number immunised on the 31st December, 1941, of whom the Local Authority has details, amounted to 335, representing 17 per cent. of these children. Actually in this group, since immunisation is not done until the children have attained the age of one, the percentage immunised of those available for immunisation would really be 21 per cent.

ENTERIC FEVER.

No cases of enteric fever were notified during the year.

PUERPERAL PYREXIA.

Fourteen cases were notified, of whom eight were notified from Whitehaven Hospital. Three cases were removed to Crozier Lodge, Carlisle, under the arrangements made with the County Council for the treatment of Puerperal Septicæmia, and one case died there, the cause of death being established, post-mortem, as due to cancer.

PNEUMONIA.

Twelve cases of Acute, Primary, or Influenzal Pneumonia were notified, a decrease of 12 cases as compared with the number for 1940. The number of deaths from Pneumonia (all forms) was 19, a decrease of 10.

OPHTHALMIA NEONATORUM.

Four cases were notified. One was admitted to Crozier Lodge, Carlisle, and all recovered without apparent impairment of vision.

ERYSIPELAS.

Six cases were notified.

CEREBRO-SPINAL MENINGITIS.

Sixteen cases were notified—all were admitted to Hospital, where two deaths occurred.

MEASLES.

No cases were notified.

WHOOPIING COUGH.

Twenty-two cases were notified, with four deaths.

II.—CANCER.

There were 33 deaths from Cancer during the year, a decrease of 9 compared with the number in 1940. The Mortality Rate from this disease was 1.40 per 1,000 of population, as compared with 1.78 for the country as a whole.

The sites of the lesions were as follows:—

<i>Males.</i>				<i>Females.</i>			
Oesophagus	...	...	1	Stomach	...	...	2
Stomach	...	...	4	Pancreas	...	...	1
Pancreas	...	...	2	Gall-bladder	...	...	1
Colon	...	...	3	Colon	...	...	2
Rectum	...	...	2	Rectum	...	...	2
Bladder	...	...	1	Uterus	...	...	4
Meninges	...	...	1	Breast	...	...	3
Lung	...	...	1	Kidney	...	...	1
Sacrum	...	...	1				
Knee	...	...	1				
			—				—
			17				16
			—				—

The average age at death of all cases was 62 years—of males 57, and of females 68.

III.—PREVENTION OF BLINDNESS, ETC.

No action was taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes, nor was any action required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor under the Public Health Act, 1936, Section 172.

IV.—TUBERCULOSIS.

The following Table shows the new cases and mortality for the Borough of Whitehaven during 1941 by age groups and sex:—

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	Male	Female.	Male.	Female.	Male.	Female.	Male.	Female.
0—1	0	0	1	0	0	0	1	0
1—5	1	0	4	1	1	0	4	1
5—10	1	0	0	1	0	0	0	0
10—15	2	0	0	0	0	1	0	0
15—20	2	6	3	2	0	1	1	2
20—25	1	2	0	1	5	1	0	1
25—35	0	6	0	1	2	4	0	1
35—45	4	2	0	2	0	2	0	0
45—55	3	0	0	0	1	0	0	0
55—65	1	0	0	1	2	0	0	1
65 and upwards	1	0	0	0	0	0	0	0
Total	16	16	8	9	11	9	6	6

Total new cases 49

Total Deaths 32

Death Rate per 1,000 of population:—

	<i>Whitehaven.</i>	<i>England and Wales.</i>
Respiratory	0.84	0.60
Non-Respiratory	0.51	0.13
All forms	1.35	0.73

Included in the above figures both for deaths and new cases, were fifteen deaths that had not been previously notified, the proportion of non-notified deaths being 48 per cent.

This is a very much higher proportion than usual. In the non-respiratory deaths, seven had not been previously notified, the cause of death apparently not having been established until just before, or after death.

SANATORIUM TREATMENT.

	In Institutions 1st Jan. 1941.	Admitted	Dis- charged.	Died.	In Institutions 1st Jan. 1942.
PULMONARY CASES:					
Men	5	9	8	2	2
Women	5	9	8	1	5
Boys	5	6	7	—	4
Girls	—	—	—	—	—
NON-PULMONARY CASES:					
Men	—	—	—	—	—
Women	—	—	—	—	—
Boys	—	—	—	—	—
Girls	2	1	5	—	—
OBSERVATION CASES:					
Males	5	5	6	—	2
Females	—	2	1	—	1
Total ...	18	32	33	3	14

The above Table shows the number of Tuberculosis cases and Observation Tuberculosis cases from the Borough of Whitehaven that received Sanatorium treatment under the County Council Scheme during 1941. Altogether 50 cases from Whitehaven were treated in Sanatoria during the year.

The number of notified cases on the Tuberculosis Register at the end of 1941 was:—

Pulmonary—Males	100
—Females	101
Non-Pulmonary—Males	24
—Females	27

Total ... 252

APPENDIX

SANITARY INSPECTOR'S
REPORT

APPENDIX

SANITARY INSPECTOR'S
REPORT

TOWN HALL,
WHITEHAVEN.
31st December, 1941.

TO THE MEDICAL OFFICER OF HEALTH,
WHITEHAVEN.

Sir,

I beg to submit my nineteenth Annual Report for the year ended 31st December, 1941.

Ninety-one notices have been served during the year and it has not been found necessary to serve statutory notices. Only work of an urgent nature has been asked for, and this has been done whenever possible without delay.

INSPECTIONS.

Visits to Slaughterhouses	566
„ „ Air Raid Shelters	13
„ „ Bakehouses	59
„ „ Common Lodging House	38
„ „ Council Houses	815
„ „ Dairies, Cowsheds and Milk Shops	94
„ „ Factories	76
„ „ Food Preparing Premises	109
„ „ Marine Stores	11
„ „ Rat Infested Premises	12
„ „ Shops	39
„ „ Schools	11
„ „ Vessels in Harbour	30
Miscellaneous Visits and Inspections	177
Cases of Infectious Disease investigated	64
Visits after Infectious Disease	37
Milk Samples obtained	108
Water Samples obtained	10
New Drainage Works inspected	27
Interviews with owners or occupiers	584
Housing inspections under Public Health Act	532
Total	3,412

SMOKE ABATEMENT.

No action has been taken during the year.

VERMINOUS HOUSES.

The number of houses found to be infested with vermin was 10, viz. :—

Council houses	...	...	...	...	...	5
Other houses	...	...	...	...	...	5

In the case of Council Houses, the skirting boards and picture rails were removed, the premises sprayed and fumigated. In the other houses spraying was carried out. The insecticide used was "Pyagra" or "Zaldecide".

HOUSING.

No systematic housing work has been done during the year, and inspections have been confined to premises in respect of which complaint has been received. Defects or nuisances of an urgent nature have been remedied but no work involving extensive repair or alteration has been attempted.

During the early part of the year, an inspection was made of the whole of the council houses as complaint had been received of the unsatisfactory condition in which some of the houses were kept. On investigation the general condition of the various housing estates was found to be satisfactory, there being 33 tenants classed as bad, out of 815 houses inspected. The bad tenants have been revisited on several occasions and a certain amount of improvement has been noticed, but most of the families concerned are of the type which require constant supervision, and the proposed appointment of a Welfare Officer, who will make contact with, and keep in touch with tenants before and after removal to Council Houses, should have a very beneficial effect.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

There are 25 producers resident in the Borough, viz. :—1 tuberculin tested, 14 accredited, and 10 ungraded. In addition 11 outside producers, viz. :—3 tuberculin tested, 4 accredited, 3 ungraded and 1 pasteurised, supply milk either wholesale or retail in Whitehaven.

There are 38 retailers registered for the sale of milk, viz. :—

- 21 Producer-Retailers resident in the Borough.
- 7 Producer-Retailers resident outside the Borough.
- 10 Retailers resident inside or outside the Borough.

SAMPLES.

During the year, 108 samples were submitted for bacteriological examination. Of these, 12 were tuberculin tested, 69 accredited and 27 ungraded. Of the 12 samples of tuberculin tested milk, 10 were satisfactory and 2 failed to pass the methylene blue test. Of the 69 accredited samples, 44 were satisfactory, 9 failed to pass the methylene blue test, 3 contained B. Coli to an excessive degree and 13 were unsatisfactory in both respects. Of the 27 ungraded samples, 14 were up to accredited standard, 3 failed to pass the methylene blue test, 3 contained B. Coli to an excessive degree, and 7 were unsatisfactory in both respects.

Of the 2 unsatisfactory samples of Tuberculin Tested Milk, one producer was involved. Of the 25 unsatisfactory accredited samples 10 producers were involved, 1 on one occasion, 4 on two occasions, 4 on three occasions and 1 on four occasions. In the case of the 13 ungraded samples 6 producers were involved, 1 on one occasion, 3 on two occasions and 2 on three occasions.

Ninety-four visits have been paid to the cowsheds and dairies and generally they have been found to be conducted satisfactorily.

SLAUGHTERHOUSES AND MEAT INSPECTION.

The central slaughterhouse, which serves the Borough and Ennerdale Rural District has been conducted in a satisfactory manner, and the following table shows the amount of slaughtering done, together with the inspections made and meat condemned.

As will be seen the 100 per cent. inspection which was commenced immediately on centralisation of slaughtering taking place in the early part of 1940, has been maintained throughout the year, and the relations between the members of the department with the slaughterhouse manager, the Wholesale Meat Supply Association and the Retail Buying Committee have again been harmonious.

The following Table shows the number of animals slaughtered and the condemnations during the year.

CARCASES INSPECTED AND CONDEMNED.

	Cattle ex- cluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	1,835	669	1,422	30,594	540
Number inspected ...	1,835	669	1,422	30,594	540
<i>All Diseases Except Tuberculosis</i>					
Whole carcasses condemned	2	3	35	47	4
Carcasses of which some part or organ was condemned	41		9	32	8
Percentage of the number inspected affected with disease other than Tuberculosis	1.85		3.0	0.25	2.2
<i>Tuberculosis only.</i>					
Whole carcasses condemned	2	22	1	—	1
Carcasses of which some part or organ was condemned	313		3	—	15
Percentage of the number inspected affected with Tuberculosis	15.4		0.28	—	3.0

OTHER ARTICLES OF FOOD SURRENDERED AND DESTROYED.

Miscellaneous tinned meats	246lbs.
" " fruit	82 "
Canadian bacon	48 "
Beef and Pork sausage	133 "
Kippers	294 "
Ox sweetbreads	24 "

OFFENSIVE TRADES.

Only one offensive trade is on the Register, viz.:—A Rag and Bone Dealer.

Twelve visits have been paid to the premises and generally they have been conducted satisfactorily.

COMMON LODGING HOUSES AND HOUSES-LET-IN-LODGINGS.

There is one common lodging house and 3 houses-let-in-lodgings on the register.

Thirty-eight visits have been paid to the premises and no serious fault has been found.

I am, Sir,

Your obedient servant,

J. F. LORD,
Sanitary Inspector.

