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Contributors

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NEWPORT PAGNELL RURAL DISTRICT COUNCIL.

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

of the

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

for

THE YEAR 1958.



THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

1952

RESEARCH REPORT

PHYSICS 10

NEWPORT PAGNELL RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1958.

Chairman of the Council: E. Gurney, J.P.

PUBLIC HEALTH COMMITTEE

Chairman: R. G. Bellchambers.

Councillors: J. H. Baxter, Genl. H. Blount, D.S.O., A. Crouch,
H. F. Dolling, A. Eley, J.S. Goss, J. H. Green, J.P.,
Revd. P. Hemming, M.A., E. Holdom, C. Hutton, W. E. Jarvis,
Miss S. K. A. Uthwatt, G. F. Wesley, Ald. S. W. Lord, J.P.,
J. R. Powell, D.G. Revitt.

PUBLIC HEALTH STAFF

MEDICAL OFFICER OF HEALTH

D. H. WALDRON, O.B.E., M.D., D.P.H., D.T.M. & H., COL. I.M.S. (RETD).

(The Medical Officer of Health is also M.O.H. for Buckingham M.B., the Urban Districts of Bletchley, Linslade, Newport Pagnell and Wolverton, the Rural Districts of Buckingham and Wing, Area M.O. for North Bucks and Buckingham and Winslow Division).

DEPUTY MEDICAL OFFICER OF HEALTH

F. SEYMOUR, M.B., CH.B., D.P.H.

CHIEF PUBLIC HEALTH INSPECTOR

F. LOCKWOOD, M.Inst.B.E., M.A.P.H.I., M.R.S.H.

ADDITIONAL PUBLIC HEALTH INSPECTOR

J. H. MEURICE, M.A.P.H.I., A.R.S.H.

Council Offices,
7, Station Road,
NEWPORT PAGNELL,
Bucks.

10th June, 1959.

TO THE CHAIRMAN AND COUNCILLORS OF THE RURAL DISTRICT
OF NEWPORT PAGNELL.

Ladies & Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1958.

The Birth Rate shows a slight drop from the previous year but still compares favourably with that for the County and for England and Wales.

The Death Rate shows a satisfactory drop from last year. Cancer and Heart Diseases were the main "killers" accounting for 128 of the 180 deaths.

The Infantile Mortality rate remains steady and although higher than that for the County it still remains over 4 points lower than the average for England and Wales. There were actually 4 deaths in this group 3 of which were under the age of 4 weeks.

In the realm of infectious disease 8 cases of Anterior Poliomyelitis were notified. These formed part of an epidemic which occurred in Newport Pagnell Town and neighbouring district. Three of the cases showed paralysis; five were non-paralytic. There were fortunately no deaths.

Increased supplies of vaccine enabled us to get ahead with an intensive campaign of vaccination against poliomyelitis during the year and by August all children on the waiting list had been vaccinated. Towards the end of the year the Minister of Health extended the age group to 25 years. Unfortunately the response from the older age groups has not been satisfactory. This is unfortunate because although the incidence of the disease in the young adult is not as great as that in children, the disease when it does strike in the paralytic form is frequently much more severe.

I would like to record another year of pleasant co-operation with Mr. Dunbabin, your Clerk, Mr. F. Lockwood, your Chief Public Health Inspector and their staffs.

I am,

Your obedient servant,

DANIEL H. WALDRON.

Medical Officer of Health.

SECTION A.

GENERAL STATISTICS:-

	1957.	1958.
Area (in acres)	61,686.	61,686
Population	14,150	14,630.
Number of inhabited houses	5,000	5,025
Rateable Value	£120,834	£122,138
Sum represented by a ld. Rate (estimated)	£472.	£483.

VITAL STATISTICS:-BIRTHS:-

	1957.	1958.
Legitimate (Males)	114.	110.
" (Females)	104.	104.
Illegitimate (Males)	5.	4.
" (Females)	Nil.	2.
Stillbirths	3.	5.
Birth Rate per 1,000 population	18.3	17.4
" " " " " (Bucks)	16.7	17.3
" " " " " (England and Wales).	16.1	16.4.

DEATHS:-

Males	88	90
Females	105	90
Death Rate per 1,000 population	11.0	9.9
" " " " " (Bucks)	9.7	9.8
" " " " " (England and Wales)	11.5	11.7
Maternal Mortality	NIL.	NIL.
" " (England and Wales)	0.55	0.43
Infantile Mortality	17.9	18.2
" " (Bucks)	21.6	16.4
" " (England and Wales)	23.0	22.5

PRINCIPAL CAUSES OF DEATH:-

	1957.			1958.		
	M.	F.	T.	M.	F.	T.
Tuberculosis, respiratory.. .. .	1	0	1	0	0	0
Tuberculosis, other	1	0	1	0	0	0
Meningococcal Infections	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0
Cancer.. .. .	17	20	37	21	14	35
Leukaemia	0	0	0	2	0	2
Diabetes	0	2	2	0	1	1
Cerebral Haemorrhage	9	14	23	9	17	26
Heart Disease	32	38	70	37	30	67
Other Circulatory Diseases	1	4	5	3	4	7
Influenza	1	1	2	0	1	1
Pneumonia	6	9	15	4	3	7
Bronchitis	3	2	5	3	1	4
Digestive Diseases	1	4	5	0	2	2
Nephritis	1	1	2	1	1	2
Hyperplasia of Prostate	1	0	1	3	0	3
Pregnancy, Childbirth, Abortion	0	0	0	0	0	0
Congenital Malformations	0	0	0	0	2	2
Accidents	5	2	7	3	2	5
Suicide	1	0	1	0	0	0
All other causes	8	8	16	4	12	16
TOTALS	88	105	193	90	90	180

SECTION B.

General Provision of Health Services.

1. LABORATORY SERVICES.

Specimens for bacteriological investigation were sent to the Public Health Laboratories at Northampton and Bedford. Specimens for qualitative and quantitative analysis were sent to London.

2. AMBULANCE SERVICES.

This service, which is controlled by the County Health Department maintains two motor ambulances and one sitting case car in Newport Pagnell, supplemented if necessary by ambulances from other areas in North Bucks.

3. HOME NURSING AND MIDWIFERY.

The District Nurses in the Newport Pagnell Rural Area carried out their duties in their usual conscientious manner.

4. CLINICS.

(a) Child Welfare Centres:-

There are four static Welfare Centres serving the district. They are located as follows:-

Hanslope (once monthly).	Olney (twice monthly).
Newport Pagnell (twice monthly).	Woburn Sands (twice monthly)

In addition the following villages were visited by the Mobile Welfare Unit:-

Castlethorpe.	Astwood.	North Crawley.	Shenley Church End.
Stoke Goldington.	Willen,	Milton Keynes.	Lavendon.
Ravenstone.	Woolstone.	Little Brickhill.	Moulsoe,.
Filgrave.	Woughton.	Loughton.	Sherington.

The District Nurse and Health Visitor attended each session and a Medical Officer attended once a month. In addition to the normal work of a Child Welfare Centre immunisation against Diphtheria and Whooping Cough was also carried out. These centres have done excellent work during the year and total attendances of children was 3142. I should like to draw attention to the valuable work done by the Ladies Voluntary Committees at these centres.

(b) Chest Clinics:-

Administered jointly by the County Health Department and the Regional Hospital Board, Chest Clinics serving this area are held at Wolverton and Bletchley. A specialist in Chest Diseases attends once a week and these Clinics are doing excellent work particularly in the fight against Tuberculosis.

(c) Orthopaedic Clinic:-

This Clinic administered by the Regional Hospital Board is held twice monthly at Wolverton Road, Newport Pagnell.

5. HOME HELPS SERVICE.

This Service, introduced under the National Health Service Act, 1946, is helping many people annually. During 1958 a total of 46 cases were assisted.

6. HOSPITALS

The following hospitals have received cases from the area during the year:

Northampton General	Bedford General
Harborough Road.	Royal Bucks
Creton Sanatorium	Tindal House, Aylesbury
Renny Lodge.	Westbury, Newport Pagnell.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

(A) WATER

Olney Source:-

During the year this supply, thanks to efficient maintenance of the Chlorination and filter arrangements, has continued to give an ample supply and bacteriological analysis has show it to be of the highest quality. Unfortunately increased demands on the Lavendon Section have caused a drop in pressure to the higher properties but this should be remedied during 1959 by the larger diameter main which is to be laid in conjunction with the Cold Brayfield Extension.

Chemical Analysis:-

"This sample is clear and bright in appearance, faintly alkaline in reaction and free from iron and other metals. The water has very moderate hardness, contains no excess of mineral constituents in solution and it is of very satisfactory organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes."

Birchmoor Source:-

This supply has continued to be of adequate quantity in spite of extending it to supply a larger area to the north of the district. Satisfactory distribution has been maintained and the quality on bacteriological analysis has proved to be satisfactory in all respects.

Chemical Analysis:-

"This sample is clear and bright in appearance, on the alkaline side of neutrality and free from iron and other metals. The water is fairly soft in character, contains no excess of mineral constituents in solution and it is of the highest standard or organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for drinking and domestic purposes."

Hanslope Supply:-

This stand-by has only been used to a very limited extent during times of bursts but has proved to be satisfactory as a standby supply.

Tyringham Supply:-

This supply which is provided for the use of the Village of Tyringham has proved on analysis on all occasions to be very satisfactorily administered and distributed, the bacteriological analysis proving satisfactory in all respects.

Total consumption for the whole district for all purposes for the year 1958 from all sources:-

	<u>Gallons.</u>
Overbrook Works, Weston Underwood:-	33,105,000.
Birchmoor Total:-	143,139,000.
Bucks Water Board Total:-	1,036,000.
Hanslope (standby supply):-	1,684,000.
	<hr/>
TOTAL	178,964,000.
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(B) DRAINAGE AND SEWERAGE

Existing Sewerage Works

The Sherington, Haversham - Fields and Manor Estates, Milton Keynes, Little Brickhill, Weston Underwood, Emberton and Bow Brickhill sewerage Works and the Olney, Emberton and Old Bradwell Sewage Pumping Stations have worked satisfactorily and have been well maintained throughout the year.

The Olney Works is in need of reconstruction and the Consulting Engineers have this matter in hand.

The amount of sewage pumped from Old Bradwell proves the necessity for investigating the possibility of separate storm water sewers as it is apparent a large amount of the "sewerage pumped" in wet weather is surface water. Reasonable progress is being made on the first part of the Hanslope Scheme and I hope the remainder of the village will soon be approved. On the Lavendon Scheme, the contract for which has been let more recently, good progress is being made.

I trust complete schemes will soon be available for submission to the Ministry in respect of Ravenstone, Stoke Goldington, Castlethorpe, Shenley Church End and Loughton and that approval to proceeding will soon be forthcoming in respect of the Wavendon Scheme.

The wet year has of course created some difficulties in the drying of the sewage sludge but with the exception of Olney these difficulties have been overcome.

(C) SCAVENGING AND CLEANSING.

The regular fortnightly collection of refuse throughout the area has been maintained and the weekly collection of night soil and the cleansing of the cess-pools has been efficiently carried out.

NORTHERN DEPOT.

Night Soil Collection and Cesspool Cleansing etc.

Total hours worked	..	..	..	..	..	6,267 hours
Absence due to sickness, holidays etc.	..	..	..	..	..	343 hours.
Mileage covered	..	..	..	..	..	12,097.
Fuel consumed - gallons	..	..	..	..	..	1,072.
Average miles per gallon	..	..	..	..	..	11.285.

Details of Work Carried out:-

Number of pails cleansed:-	..	..	..	..	..	45,537
" " privies cleansed:-	..	..	..	..	..	34.
" " cesspools cleansed:-	..	..	..	..	..	205.
" " visits to Trade Premises:-	..	..	..	..	..	80.

SOUTHERN DEPOT.

Night Soil Collection and Cesspool Cleansing, Etc.

Total hours worked	..	..	..	..	..	5,827½ hours.
Absence due to sickness, holidays, etc.	..	..	..	..	..	327 hours.
Mileage covered	..	..	..	..	..	15,240
Fuel consumed - gallons	..	..	..	..	..	1,178.
Average miles per gallon	..	..	..	..	..	12.937.

Details of Work Carried out:-

Number of pails cleansed:-	..	..	..	..	..	27,768.
" " privies cleansed:-	..	..	..	..	..	53.
" " cesspool cleansed:-	..	..	..	..	..	369
" " visits to Trade Premises:-	..	..	..	..	..	8.

NORTHERN DEPOT REFUSE COLLECTION.

Total hours worked	..	..	..	..	..	10,934½ hours.
Absence due to sickness, holidays, etc:	..	..	..	..	..	849 hours.
Mileage covered	..	..	..	..	..	9,568.
Fuel consumed - gallons	..	..	..	..	..	1,376.
Average miles per gallon	..	..	..	..	..	6.953

Details of Work Carried out:-

Number of properties cleansed:-	..	..	..	..	..	82,456.
" " bins cleansed:-	..	..	..	..	..	95,556

In addition 5 loads and 28 bins of street sweeping have been cleared.

SOUTHERN DEPOT REFUSE COLLECTION.

Total hours worked	..	..	..	..	..	10,036 hours.
Absence due to sickness, holidays, etc.	..	..	..	..	..	929 hours.
Mileage covered	..	..	..	..	..	7,702.
Fuel consumed - gallons	..	..	..	..	..	617.
Average miles per gallon	..	..	..	..	..	12.483.

Details of Work Carried out:-

Number of properties cleansed:-	..	..	..	..	..	68,830
" " Bins cleansed	..	..	..	..	..	84,465.

SECTION E.

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs	Horses.
Number killed (if known)	498	108	21	1726	1256	Nil.
Number inspected	498	108	21	1726	1256	Nil.
<u>ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERI:</u> Whole carcasses condemned	2	3	Nil.	Nil.	Nil.	Nil.
Carcasses of which some part or organ was condemned	24	15	Nil.	8	6	Nil.
Percentage of the number inspected affected with disease other than Tuberculosis & cysticerci	5.22	16.66	Nil.	0.46	0.48	Nil.
<u>TUBERCULOSIS ONLY:</u> Whole Carcasses condemned	3	Nil	Nil.	Nil	Nil	Nil.
Carcasses of which some part or organ was condemned	24	10	Nil	Nil	2	Nil.
Percentage of the number inspected affected with Tuberculosis	5.42	9.25	Nil	Nil	.16	Nil
<u>CYSTICEROSIS:</u> Carcasses of which some part or organ was condemned	Nil	Nil	Nil	Nil.	Nil	Nil.
Carcasses submitted to treat- ment by refrigeration	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned.	Nil	Nil	Nil	Nil	Nil	Nil
During the year it has been possible to maintain a 100% inspection of carcasses slaughtered in the area in spite of difficulties caused by holidays, weekend slaughtering, etc. A to number of 524 visits to slaughterhouses have been made by the Inspectors for this purpose						

SECTION F.

FACTORIES ACTS, 1937 and 1948.

INSPECTIONS (Including Inspections made by Public Health Inspectors).

	No. on Register.	Inspections.	Number of Written Notices
(i) Factories under Local Authority Control	54	108	6
(ii) Factories under Local Authority Control (for Sec. 7 only).	74	148	16
(iii) Other premises (excluding outworkers)	16	32	2
TOTAL	144	288	24

DEFECTS FOUND

Particulars	Found.	Remedied.	Referred by H.M. Inspector.
Want of cleanliness	4	4	Nil
Overcrowding	Nil	Nil	Nil
Unreasonable temperature	Nil	Nil	Nil
Inadequate ventilation	Nil	Nil	Nil
Ineffective drainage of floors	6	6	Nil
Sanitary Conveniences			
(a) Insufficient	6	6	Nil
(b) Unsuitable or defective	Nil	Nil	Nil
(c) Not separate for sexes	Nil	Nil	Nil
Other offences against the Act (not including offences relating to Outwork)	8	8	Nil.
	24	24	Nil.

PROSECUTIONS - Nil.

OUTWORKERS (Sections 110 and 111).

Number of outworkers making wearing apparel

3

3

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SECTION G.

PREVALENCE OF AND CONTROL OVER
INFECTIOUS AND OTHER DISEASES

1. GENERAL

An epidemic of Anterior Poliomyelitis occurred during January, February and March in Newport Pagnell Town and surrounding district. Eight of the cases came from the Rural Area. There was a general increase in the incidence of Measles throughout the Country and 223 cases were notified in the district during the year.

2. NOTIFICATIONS

	1957	1958
Whooping Cough	6	6
Measles	22	223
Scarlet Fever	11	3
Pneumonia	-	1
Dysentery	3	-
Anterior Poliomyelitis ...	-	8
Erysipelas	-	1

3. TUBERCULOSIS

Two non-pulmonary cases were notified during the year. There were no deaths.

4. CANCER

There were 35 deaths from this disease during the year.

DANIEL H. WALDRON.