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WELLINGBOROUGH RURAL DISTRICT

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ANNUAL REPORT

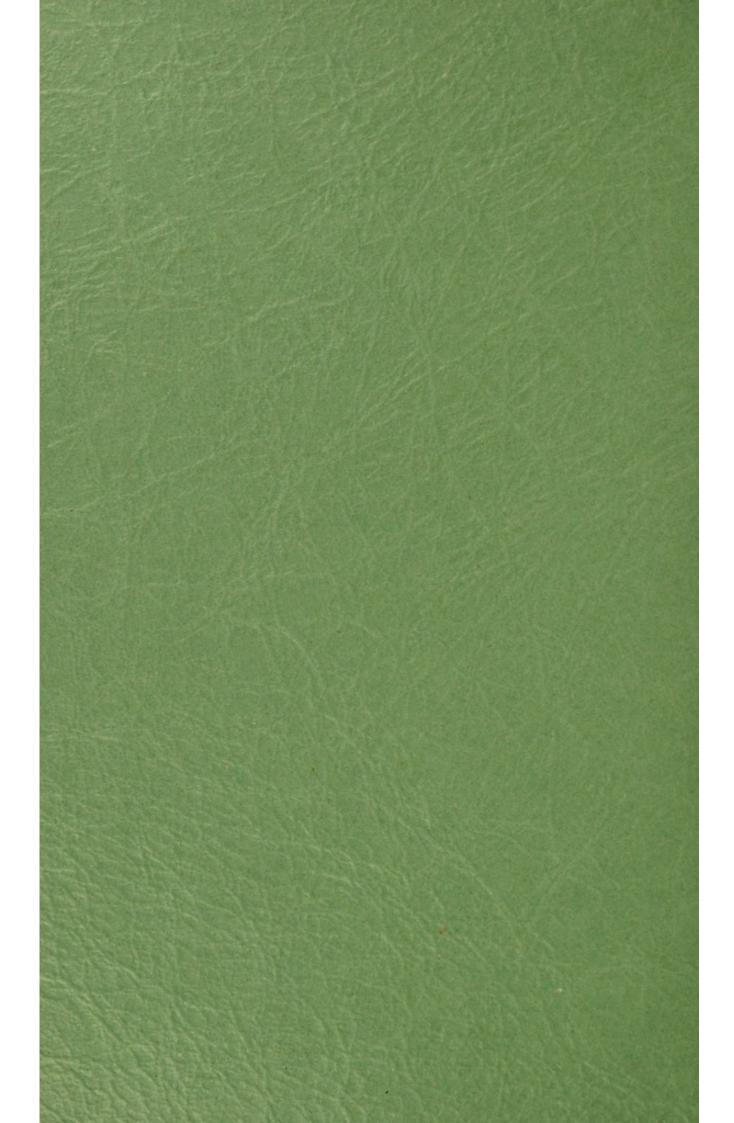
of the

Medical Officer of Health

for the

YEAR 1958

P. X. BERMINGHAM, M.B., B.Ch., B.A.O., D.P.H.



WELLINGBOROUGH RURAL DISTRICT

ANNUAL REPORT

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Medical Officer of Health

for the

YEAR 1958

P. X. BERMINGHAM, M.B., B.Ch., B.A.O., D.P.H.

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WELLINGBOROUGH RURAL DISTRICT

SUMMARY OF VITAL STATISTICS, 1958

SOMMAKT OF VITAL STA	113110	3, 19	28	
Area (in acres)				33,115
Population 1931 (census)				12,760
Population 1951 (census)				13,002
Population 1958				14,000
Number of separate dwellings occupied 1931	(census)			3,558
Number of separate dwellings occupied 1958				4,703
Rateable Value 1958			£	21,057
Product of a penny rate				£467
LIVE BIRTHS.	Total	Male	Female	Rate
Legitimate	177	92	85	
Illegitimate	3	2	1	
	180	94	86	12.85
STILLBIRTHS.	Total	Male	Female	Rate
Legitimate	7	3	4	
Illegitimate	_	_		
	7	3	4	0.50
	T !	11.1.	r	D
DEATHS (all assess)	Total 161	Male 82	Female 79	Rate 11.50
DEATHS (all causes)	101	02	19	11.50
DEATHS FROM PUERPERAL CAUSES-				
Puerperal and post-abortive sepsis		-	-	
Other puerperal causes		-	-	
Total				Nil
INFANT MORTALITY—rate for 1,000 live	hirths			
	2	1	1	
Illegitimate	_	_	_	
and the second s				
	2	1	1	11.11
Deaths from (a) Cancer (all ages)		* *		40
" " (b) Measles (all ages)				Nil
" ,, (c) Whooping Cough (all ages)		* *		Nil
" " (d) Diarrhœa (under 2 years)				Nil

Wellingborough Rural District Council

Members of the Public Health Committee:

MESSRS. R. GRIGGS (Chairman), R. H. PARSONS (Vice-Chairman), F. BOULTON (died 22.11.58), B. BROWN, F. E. BULLOCK, T. CAVE, J. GRAY, J. C. HALLIDAY, D. G. PAYNE, T. REYNOLDS, R. J. SANDERS, B. A. J. TAYLOR, D. S. WILSON.

Public Health Officer of the Local Authority:

MEDICAL OFFICER OF HEALTH:

P. X. BERMINGHAM, M.B., B.CH., B.A.O., D.P.H.

also holds appointment of:

Medical Officer of Health, Borough of Higham Ferrers.

Medical Officer of Health, Wellingborough Urban District.

Medical Officer of Health, Rushden Urban District.

Medical Officer of Health, Irthlingborough Urban District.

Schools' Medical Officer.

Secretary:

MISS J. PEARSON.

Senior Public Health Inspector, Meat Inspector, etc.:

GEOFFREY HERBERT COWLES, Certified S.I.B., M.A.P.H.I.

Additional Public Health Inspector:

LESLIE GEORGE DANSIE, Cert. S.I.B., M.A.P.H.I. (To 16.7.58)
LESLIE ARTHUR SCHOFIELD, Cert. S.I.E.J.B., M.A.P.H.I.
(Commenced 1.11.58)

Health Department,
Swanspool,
Wellingborough.

June, 1959

To the Chairman and Members of the Wellingborough Rural District Council:

MR. CHAIRMAN, MRS. JAMES AND GENTLEMEN.

I have the honour to present to you my eleventh annual report on the Health and Sanitary circumstances of the area for the year 1958.

Before proceeding further, I should like to express my deep regret at the death of Mr. F. Boulton who died on 22nd November, 1958. He had been a member of the Health Committee ever since I took up my appointment with the Rural Authority and I appreciated very much his kindness and help throughout those years.

The report is set out in Sections as in previous years and I would like to refer briefly to items of interest in the different sections.

Section A is concerned with the vital statistics for the area and it will be seen that the birth rate 12.85 per 1,000 of population was slightly higher than the previous year when it was 12.28. The death rate 11.50 per 1,000 of population compared with 11.47 in the previous year was also slightly higher. In Section H which gives statistical tables, Table No. 1 gives the causes of death. It will be seen from this table that by far the greatest cause of death was due to diseases of the heart and vascular system. Deaths due to angina and coronary disease showed a considerable increase over those recorded in the previous year and numbered 32 compared with 18 in 1957. Deaths from all forms of cancer were seven more than in the previous year but lung cancer deaths showed a fall of 3 on figures for the previous year. Three deaths from pulmonary tuberculosis occurred and are the first deaths from this cause since 1955 when one death occurred.

An account of the Health services available for the area are given in Section B.

The next Section, C, deals with the Sanitary Circumstances of the area and mention is made of the different sewage disposal systems for the parishes. A number of parishes have modern works which are functioning satisfactorily and at present schemes to deal with works which are not satisfactory are under consideration.

Section D is concerned with Housing and Slum Clearance. The building programme for the year was satisfactory and the Council continued with its Slum Clearance programme. A new type of bungalow for aged persons was planned and construction commenced. At the time of writing some are completed and would appear to be most satisfactory. It is a bed-sitter type bungalow for one person only and in area about two-thirds the normal size. At this stage of the five-year slum clearance programme provision of suitable alternative accommodation is not always easy to provide and problem cases are bound to arise.

In Section E an account of the work carried out by the Public Health Inspectors with regard to the taking of food samples and inspection of food premises will be found. The number of milk samples and ice cream samples taken show a fall on the previous year due to the fact that for a period there was only one Public Health Inspector. A hundred per cent. meat inspection programme was carried out which is very satisfactory.

Section F gives an account of the prevalence and control of Infectious diseases. The vaccination figures showed a slight fall compared with the previous year but primary vaccination figures are still fairly good. The number of cases of Scarlet Fever and Measles showed a fall on the previous year. One case of Poliomyelitis occurred. The poliomyelitis vaccination scheme is progressing satisfactorily. The number of cases of Whooping Cough were two less than in the previous year. This is a distressing disease and dangerous in the very young. It is thought that possibly the booster dose for whooping cough should be given at an earlier age and not to wait until school age. The results of the fifth surveys carried out by the Mass Radiography Unit in three of the larger parishes are given.

In conclusion I should like to thank Mr. Hanwell and Mr. Cowles for information supplied for this report and for their assistance and co-operation throughout the year, Miss Pearson for her assistance in compiling this report and the Chairman and members of the Health Committee for their help and encouragement throughout the year.

I have the honour to be,

Your obedient servant,

P. X. BERMINGHAM.

Medical Officer of Health.

SECTION A.

NATURAL AND SOCIAL CONDITIONS

AREA.—The Rural District of Wellingborough covers an area of 33,115 acres. The density of population is 2.3 persons per acre. The housing factor is 2.9 persons per house.

POPULATION.—The Registrar General in his returns for the year 1958 gives the population of the district as 14,000. This shows an increase of 410 over the previous year. The natural increase, i.e. live births compared with the number of deaths for the year was 19.

DEATHS.—The number of deaths which occurred during the year was 161 which is an increase of five on the previous year. The rate for the year was 11.50 per 1,000 of population compared with 11.47 for the previous year. The Death Rate for England and Wales for 1958 was 11.7. From Table No. 1 which gives a classification of the deaths in the district for the year, it will be seen that Diseases of the Heart and Circulation were the greatest cause. These deaths numbered 87 which was one more than last year. Deaths from all forms of cancer numbered 40 compared with 33 in 1957. Six lung cancer deaths occurred, all in males, compared with nine in the previous year, seven of which were in males. Pulmonary tuberculosis was the cause of three deaths and are the first deaths from this cause since 1955, when one death occurred.

BIRTHS.—180 births were recorded which gives a rate of 12.85 per 1,000 population. This shows an increase on the previous year when the rate was 12.28. The rate for England and Wales was 16.4.

STILLBIRTHS.—Seven stillbirths were recorded compared with four in the previous year. This gives a rate of 0.50 per 1,000 of population. The rate for the previous year was 0.29.

ILLEGITIMATE BIRTHS.—Three illegitimate births were registered compared with six in 1957. This gives a rate of 0.21 per 1,000 of population compared with 0.44 for the previous year.

MATERNAL MORTALITY.—For the third year in succession no deaths occurred, which is very satisfactory.

INFANT MORTALITY.—Two deaths occurred which is the same number as in the previous year. This gives a rate of 11.11 per 1,000 live births and shows a fall on the previous year when it was 11.97. It is satisfactory to note that this rate which has been declining since 1946 is maintaining this low level. The rate for England and Wales for 1958 was 22.5.

NEO-NATAL MORTALITY.—This is a sub-division of the Infant mortality rate and concerns infant deaths within the first four weeks of independent existence. One of the infant deaths was within this period and so the rate for the year was 5.55 compared with 5.98 for the previous year. Table No. 10 in Section H of this report gives the causes of death of children under one year.

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES

LABORATORY SERVICE.—The Public Health Laboratory at Northampton and also the Laboratory at Kettering General Hospital with branches at the Park Hospital, Wellingborough, and the Memorial Hospital, Rushden, supply this service for the area.

AMBULANCE SERVICE.—This is a County Council service and the area is covered by H.Q. at Church Street, Wellingborough.

NURSING IN THE HOME AND HOME HELPS.—These services come under the County Council and are covered by Health Visitors and District Nurses appointed for the different areas. Home helps are supplied where necessary.

HEALTH SERVICES AVAILABLE IN THE AREA.-

General Hospitals: Northampton and Kettering.

Gynaecological and Children: Wellingborough Hospital.

Acute Medical Cases (local): Highfield Hospital, Wellingborough.

Chronic Sick, the Aged and Persons

in Need of Care and Attention: The Park Hospital, Wellingborough.

Maternity: The Park Hospital, Wellingborough.

Tuberculosis: The Rushden House Sanatorium.

Out Patient facilities are available at the Out Patient department at the General Hospital and also at the Rushden Memorial Hospital. These services are supplied by the Oxford Regional Hospital Board.

INFANT WELFARE CENTRES are held throughout the district as follows:

Bozeat—4th Wednesday of each month at the Church Hall 2 p.m. to 4 p.m.

Wollaston—1st and 3rd Thursday of each month at the Parochial Hall 2 p.m. to 4 p.m.

Earls Barton—2nd and 4th Friday of each month in the Baptist School

Irchester-1st and 3rd Friday of each month at Parsons' Hall.

Other facilities available are:

Ante-natal and Post natal clinics held as follows: -

Wellingborough, Oxford Street Clinic-Monday afternoons and Thursday mornings.

Rushden, Queen Street-1st and 3rd Thursday morning.

Northampton, County Buildings-Monday mornings, Wednesday mornings.

NATIONAL ASSISTANCE ACT, 1948, Section 47.—This section deals with persons in need of Care and Attention. No action was necessary during the course of the year.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY.—The area is supplied by two Water Boards, the Mid-Northants. and the Higham Ferrers and Rushden Water Boards.

SOURCES OF SUPPLY.—The Mid-Northants, chief source of supply is Pitsford reservoir which has a capacity of 4,000 million gallons. This is fed by a tributary of the River Nene and from its catchment area which covers 19 square miles. The Higham Ferrers & Rushden Water Board derive their supply from two main sources, Sywell reservoir and the river gravel wells at Hardwater Crossing, Wollaston. The Sywell reservoir has a capacity of approximately 236,000,000 gallons and the yield from this source is about 330,000 gallons per day. The reservoir is fed by springs and its catchment area. The river gravel wells at Hardwater Crossing, Wollaston, yield approximately 250,000 gallons per day. Other sources of supply are the Earls Barton gravel well and springs at Grendon. A further proposed source of water is from Ditchford. This scheme as outlined by the Consultant Engineer has been approved in principle. Preliminary site surveys prior to the preparation of detailed plans were carried out during the year. Work on this scheme may commence early in 1960.

TREATMENT.—Mid-Northants water is softened, filtered and chlorinated and Higham Ferrers and Rushden water filtered and chlorinated.

QUALITY OF WATER.—A chemical analysis of a sample of water taken on 14th June, 1958, gave the following results:

Physical characters—slight deposit, faintly turbid, odourless.

Reaction-pH 7.3

Parts per 100,000
3.05
absent
0.0076
0.02
absent
0.0895
absent
7.06
0.39
20.3
23.2
11.2
12.0

REMARKS.—The results obtained in the analysis of this sample indicate a fairly hard water containing a little organic matter and a few bacteria. The water, as evidenced by this sample, is fit and safe for drinking purposes.

Results of water samples taken in the area during the year will be found in Section H, Table No. 13.

SEWAGE DISPOSAL, DRAINAGE AND SEWERAGE.—The situation in the district with regard to sewage disposal is as follows:

Bozeat-modern works functioning satisfactorily.

Great Doddington-improvement scheme under consideration.

Earls Barton—new scheme under consideration.

Easton Maudit—disposal system for Council houses, cesspits for private houses.

Ecton-scheme to connect to Northampton Borough works.

Grendon-modern works functioning satisfactorily.

Hardwick-scheme for disposal under consideration.

Great Harrowden

Little Harrowden

Orlingbury

Isham

To Kettering disposal works.

Irchester-Scheme under consideration.

Little Irchester-Scheme under consideration.

Mears Ashby—Disposal works functioning satisfactorily.

Newton Bromswold—Small scheme for Council houses and some private houses.

Strixton-Septic tanks.

Wilby-To Wellingborough U.D.C. disposal plant.

Wollaston-Scheme under consideration.

SWIMMING POOLS.—Six samples of water were taken from the two pools in the area and all gave very satisfactory results. Water in the pools is filtered and chlorinated.

DISINFECTION.—17 rooms were disinfected following cases of infectious diseases.

ERADICATION OF BED BUGS.-No action was necessary.

PREVENTION OF DAMAGE BY PESTS ACT.—63 premises were treated during the year. In the previous year 78 premises required attention. The Council's sewers received two treatments during the year.

HYDROGEN CYANIDE (FUMIGATION OF BUILDINGS) REGU-LATIONS, 1951.—Three inspections of a flour mill in the area were carried out prior to fumigation and the necessary certificates supplied in accordance with the above regulations. PUBLIC CLEANSING.—The following table shows the scheme for refuse collection for the different parishes:

Parish				Day					Tip
Bozeat				Tuesday .					Irchester
Doddington, Great				Wednesday .					Irchester
Earls Barton				Thursday and Fr	riday				Irchester
Easton Maudit				Wednesday .					Irchester
Ecton		++		Windowski and a second					Irchester
Grendon		4.4		Wednesday .					Irchester
fardwick				Wadnasday					Ircheste
Harrowden, Great				Thursday					Ircheste
Harrowden, Little				Thursday			**		Ircheste
		* * *	* *	Monday and We	dnes	day	***		Ircheste
laborer.	* *			Mandau					Ircheste
and Antonia				Monday			10.0		Ircheste
Newton Bromswold				Thursday	2.0				
	1.1	2.5		Thursday .		2.5	* * *	5.1	Ircheste
Orlingbury	1.1	1.1	**					1.1	Ircheste
Strixton			4.4		4			4.4	Ircheste
Sywell			4.4		4	2.0	2.0	4.4	Ircheste
Wilby									Ircheste
Wollaston				Tuesday .					Irchester

Tipping is carried out at the Wellingborough U.D.C. Tips.

MOVEABLE DWELLINGS, PUBLIC HEALTH ACT, 1936, S. S269.

—There are 29 licensed caravan sites in the Rural area. The Wilby site is now under new management. The two large sites are at Wilby Lido and Overstone and are maintained in a satisfactory manner.

SECTION D.

HOUSING

The Post war building programme has been as follows: 839 houses have been approved by the Ministry and of these 808 have been completed. The remainder are all under construction.

Seventy-nine houses were constructed during the year, which is one less than the previous year and again must be considered as a satisfactory programme. 30 houses were allocated for slum clearance as follows:

Bozeat 2	Hardwick	. 4
Earls Barton 6	Irchester	. 6
Little Harrowden 6	Wollaston	. 6

The housing sites at Wilby and Ection were nearly completed by the end of the year and work on a new site at Hardwick had commenced.

A new type of bungalow for aged persons was developed, this being a bed-sitter type bungalow for one person only and in area about two-thirds the normal size. Ministry approval was given to the plan and towards the end of the year tenders were invited for 2 at Irchester and 8 at Wollaston. It is hoped that this type will enable some of the larger houses and bungalows to be released for re-housing persons on the housing list.

38 houses were built privately compared with 17 in the previous year. Ten improvement grants were approved during the year following a revision of the Council's policy, and four schemes were completed during the year. There were 163 applicants on the housing list at the end of the year compared with 288 in the previous year. In November, 1958, the Council wrote to all applicants and asked them if they wished to remain on the Housing list. This was one of the causes of the drop in numbers.

The Council continued with its Slum Clearance programme and 36 properties were represented to the Council. A summary of the results achieved is as follows:

Clearance Areas.

	Houses		displaced trance areas
Properties demolished in clearance areas	35	2	8
Houses not included in clearance	areas:		
1. Housing Act, 1957:		Houses	Persons displaced
Demolished as a resu formal procedure und		26	92
 Local Govnt. (Misc. Pro- Closed as a result of C Sections 10 (1) and 11 	losing Orders under	31	48
No. of unfit houses result of informal acti			
No. of houses made formal notice (Section	fit after service of	17	10.25
(a) by owner (b) by local authority		4 nil	-

SECTION E.

INSPECTION AND SUPERVISION OF FOOD

MILK SAMPLES.—The Ministry of Agriculture and Fisheries is the responsible authority for the control and supervision of milk production. The County Council as the Food and Drugs Authority was responsible for the issue of licences to pasteurise milk. This now has been handed over to the Local Authorities in whose areas pasteurisation plants are situated.

The Rural Council is responsible for the distribution of milk in its area and 24 samples were taken during the year and the results were as follows:

				No. of Samples		Result
A.	Tuberculin Te	ested	Milk	2	2	satisfactory
B.	Tuberculin Te	ested,	Pasteurised	4	4	,,
C.	Pasteurised			18	18	,,

ICE CREAM.—62 persons are registered for the sale of Ice Cream. Forty-four samples were taken during the year and the results were as follows:

No. of Samples	Grade 1	Grade 2	Grade 3	Grade 4
44	39	5		

The results of these samples are satisfactory.

FOOD PREMISES.—In Section H, Table No. 12 gives a list of the number of food premises in the area and the number of visits made by the Public Health Inspectors during the year. From this it will be seen that 218 visits were made to Food Premises.

MEAT INSPECTION.—Once again a 100% inspection of all animals registered for human consumption was carried out during the year and 273 visits were made to slaughterhouses. Details of carcases inspected and the results of these inspections are as follows:

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	242	Nil	Nil	603	432	Nil
Number inspected	242	Nil	Nil	603	432	Nil
All diseases except Tuberculosis and Cysticerci Whole carcases condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	19	Nil	Nil	Nil	6	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	7.8				1.4	
Tuberculosis only. Whole carcases condemned	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	5	Nil	Nil		4	Nil
Percentage of the number inspected affected with tuberculosis	2.1				0.9	
Cystercircus Bovis. Carcases of which some part or organ was condemned	1					
Carcases submitted to treatment by refrigeration	Nil					
Generalised and totally condemned	Nil					

The following quantity of meat was condemned as unfit for human consumption:

Meat 3,669 lbs.

The following tinned and other foods were condemned during the same period:

Tinned and other Foods 373 lbs.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

SMALLPOX.-No cases occurred.

VACCINATION.—The vaccination figures for the year ended 31st December, 1958, were as follows:

	Under I	1	2-4	5-14	15 or over	Total
Primary	136	2	4	10	27	179
Revaccination	-	-	_	-	22	22
						201
						-
The figures for	the previou	is year w	ere :			
	Under 1	1	2-4	5-14	15 or over	Total
	Omaci i	4		W		* ****
Primary	158	2	13	10	31	214
Primary Re-vaccination		2				
		2 -	13	10	31	214

Although the vaccination figures show a slight fall on the previous year, they are still reasonably satisfactory.

SCARLET FEVER.—Six cases of scarlet fever were notified during the year compared with twenty in the previous year. One case was removed to hospital. The cases were spread throughout the year and occurred in four different parishes.

DIPHTHERIA.—No cases have been notified in the Rural district for a period of twelve years.

DIPHTHERIA IMMUNISATION.—On 31st December, 1958, the following children in the different age groups had completed a full course of immunisation:

Age at 31.12.58 i.e. born in year	Unde 1 1958	1	2 1956		4 1954	5 to 9 1949-1953	10 to 14 1944-1948	Total Under 15
Number Immunised	15	114	138	147	121	723	755	2,013

The following numbers of immunisations were carried out during the year:

	Under 1	1	2	3	4	5-9	10-14	Total	Booster
Diphtheria	6	1	5	-	-	4	-	16	28
Immunisation only Combined Diphtheria	_	-	-	-	-	-	-	-	-
Whooping Cough	92	4	5	-	-	-	-	101	16
	98	5	10	-	_	4		117	44
Whooping Cough only	y 6	1	2	-	-	-	-	9	1

WHOOPING COUGH.—Eleven cases were notified compared with thirteen in the previous year. It will be seen from Table No. 7 which gives the age incidence of cases, that eight out of the eleven were in children over five years. During an outbreak of Whooping Cough in my areas, note was made of the age incidence of cases, and it tended to be in the age groups of 5 years upwards. Cases were usually in attenuated form and some were very mild. This led one to the belief that booster doses should be given at an earlier age, possibly 3 years or 4 years. Whooping Cough immunisation is often commenced at 3 months and completed at 5 months. The effects, most probably, by the age of 5 years when children commence school are wearing off and so it would be advisable to give the booster dose at an earlier age.

PUERPERAL PYREXIA.—No cases were notified for the fourth year in succession. It will be remembered, however, that a high percentage of babies are born in Maternity homes now.

POLIOMYELITIS.—One case was notified during the year and was a severe case with a resultant paralysis. In the previous year there were no cases.

VACCINATION AGAINST POLIOMYELITIS.—This scheme was introduced in 1956 and since then very large numbers of children have been vaccinated.

Poliomyelitis Vaccination, 1958:

The response by parents to having their children vaccinated is quite good although there is still room for improvement. However, the response by persons in the age groups 15 to 25 years is not good, which is unfortunate as in this period of life there is considerable strain and stress and it is quite a vulnerable age range.

INFLUENZA.—It will be remembered that there was an epidemic of Asian Influenza during the last quarter of 1957. This continued into the early months of 1958 before disappearing. There was a considerable number of ordinary Influenza cases following this which was most probably more severe than the Asian Influenza which received so much publicity.

PNEUMONIA.—Two cases were notified compared with six in the previous year.

ERYSIPELAS.—No cases were notified. In the previous year there was one case.

MEASLES.—Sixty-two cases were notified compared with 233 cases in the previous year. Once again the majority of cases occurred during the summer months and were rather mild. Ecton and Sywell were the two parishes most affected.

DYSENTERY.—No cases were notified. In the previous year one case was notified.

FOOD POISONING.—No cases were notified for the second year in succession.

OPHTHALMIA NEONATORUM.—No cases were notified.

TYPHOID AND PARATYPHOID.—No cases occurred.

TUBERCULOSIS.—Six new cases of Pulmonary Tuberculosis and one of Non-Pulmonary Tuberculosis were notified during the year. In the previous year five cases of Pulmonary Tuberculosis occurred. From Table No. 5 in Section H it will be seen that two cases were in male and 4 in females. The one Non-Pulmonary case occurred in a female. Also it will be noted from this Table once again cases in males were in the older age groups. Eight persons from the area were admitted to the Rushden House Sanatorium and eight discharged. Three deaths from Pulmonary Tuberculosis occurred and were the first deaths from this cause since 1955.

The number of persons on the Tuberculosis Register at the end of the year was:

		Males	Females	Total
Non-pulmonary	 	 2	11	13
Pulmonary	 	 37	29	66
		39	40	79

The Mass Radiography Unit visited Earls Barton, Wollaston and Bozeat and the fifth surveys of these areas was carried out. The results of these surveys were as follows:

EARLS BARTON 5TH SURVEY-13th to 14th November, 1958:

Summary of Work.	Male	Female	Total
No. of miniature films taken	468	548	1,016
No. recalled for large films	17	8	25
No. recalled for clinical examination	3	1	4
No. referred to Chest Clinic	1	1	2
No previously examined by M.M.R	373	450	823
No. not previously examined by M.M.R.	95	98	193
Results of cases referred to Chest Clinic:			
Sarcoid	-	1	1
Old Pleurisy	1	-	1
Results of cases clinically examined by the			
Medical Director but not referred to Chest Clinic	:		
Inactive Pulmonary Tuberculosis	1	-	1
Acquired cardiac abnormality	1	-	1

WOLLASTON FIFTH SURVEY-4th to 5th Novemb	er, 1958:		
	Male	Female	Total
No. of Miniature films taken	434	293	727
No. recalled for large films	13	7	20
No. recalled for clinical examination	5	3	8
No. referred to Chest Clinic	4	1	5
No. previously examined by M.M.R	382	245	627
No. not previously examined by M.M.R.	52	48	100
Results of cases referred to Chest Clinic:			
Active Pulmonary Tuberculosis re-			
quiring treatment (new case)	-	1	1
Other chest conditions discovered:			
Pneumonitis	1	-	1
Bronchiectasis	1	-	1
Pulmonary fibrosis	2	-	2
Pleural thickening	1	-	1
Acquired cardiac abnormality	_	1	1
Diaphragmatic hernia	-	1	1
BOZEAT FIFTH SURVEY-3rd to 4th November, 1	958 :		
	Male	Female	Total
No. of miniature films taken	131	254	385
No. recalled for large films	7	7	14
No. recalled for clinical examination	2	2	4
No. referred to Chest Clinic	1	1	2
No. previously examined by M.M.R	103	197	300
No. not previously examined by M.M.R.	28	57	85
Results of cases referred to Chest Clinic:			
Active Pulmonary Tuberculosis re-			
quiring treatment	1	-	1
Other conditions found:			
Thymoma	-	1	1
Congenital cardiac abnormalities	1	-	1
Acquired cardiac abnormalities	-	1	1

The After-Care Committee continues to carry out its excellent work in the area and helped considerably in the success of the above Surveys.

SECTION G.

FACTORIES ACT, 1937

There are 88 factories registered in the Rural District. Twenty-eight inspections were carried out and five written notices served during the course of the year.

Table No. 14 in Section H gives details in connection with these visits and the number of cases in which defects were found and remedied.

There were 38 Outworkers registered in the August list. No action was necessary in respect of Homework (Sections 110 and 111).

No complaints were received concerning factories where mechanical power is not used with regard to ventilation, temperature, drainage, numbers employed or want of cleanliness.

SECTION H.

STATISTICAL TABLES, 1958

TABLE No. 1.

CAUSES OF DEATH

	Causes of Death	Male	Female	Total
1.	Tuberculosis, respiratory	2	1	3
2.	Tuberculosis, other	_	-	-
3.	Syphilitics disease	-	_	-
4.	Diphtheria	-	-	_
5.	Whooping Cough	_	-	-
6.	Meningococcal infections	_	_	_
7.	Acute Poliomyelitis	_	_	_
8.	Measles	-	_	_
9.	Other infective and parasitic diseases	1	-	1
10.	Malignant neoplasm, stomach	2 6	5	7
11.	Malignant neoplasm, lung, bronchus	6	_	6
12.	Malignant neoplasm, breast	_	6	6
13.	Malignant neoplasm, uterus	_	3	3
14.	Other malignant and lymphatic			
	neoplasms	11	7	18
15.	Leukæmia, aleukæmia	_	_	_
16.	Diabetes	_	1	1
17.	Vascular lesions of nervous system	13	9	22
18.	Coronary disease, angina	18	14	32
19.	Hypertension with heart disease	1	3	4
20.	Other heart diseases	11	10	21
21.	Other circulatory diseases	4	4	
22.	Influenza	1	1	8 2 2 3
23.	Pneumonia	_	2	2
24.	Bronchitis	2	1	3
25.	Other diseases of respiratory system	_	1	1
26.	Ulcer of stomach and duodenum	2	2	4
27.	Gastritis, entritis and diarrhea	_		_
28.	Nephritis and peprosis	_	1	1
29.	Hyperplasia of prostate	2		2
30.	Pregnancy, childbirth, abortion	1 _	_	_
31.	Congenial malformations	2	_	2
32.	Other defined and ill-defined diseases	2	6	8
3.	Motor vehicle accidents		_	_
34.	All other accidents	_	1	1
35.	Suicide	2	1	3
36.	Homicide and operations of war	_	_	_
	ALL CAUSES	82	79	161

DEATHS FROM SELECTED CAUSES

TABLE No. 2

Year	Puim	on- onary culosis	The second second	onary culosis	Ca	ncer	Hear	ases of rt and Vessels	Pneu and Resp	chitis monia other iratory eases
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1946	2	.15	5	.39	22	1.75	61	4.86	20	1.59
1947	2	.16	3	.23	25	1.96	93	7.31	17	1.33
1948	-	-	5	.39	19	1.48	87	6.81	13	1.01
1949	-	-	3	.23	16	1.23	89	6.86	22	1.69
1950	2	.15	4	.30	29	2.18	89	6.71	18	1.35
1951	-	_	3	.23	22	1.69	75	5.76	29	2.23
1952	3	.23	3	.23	24	1.69	101	7.76	9	0.69
1953	-		-		15	1.04	75	5.21	9	0.62
1954	-	-	-		35	2.45	68	4.76	12	0.84
1955	-	-	1	.07	32	2.27	85	6.04	9	0.63
1956	1	.07	-	-	36	2.64	97	7.13	8	0.58
1957	-	_	-	_	33	2.42	86	6.32	6	0.44
1958	-		3	.21	40	2.85	87	6.21	6	0.42

COMPARISON OF STILLBIRTHS, ILLEGITIMATE BIRTHS AND MASCULINITY OF BIRTH

TABLE No. 3

	Stillbirths	s per 1,000	Illegitimate	Male births per
Year	Population of all ages	Total Births iive and still	births per 1,000 live births	1,000 live female births
1946	.39	22.32	105.02	1,027
1947	.39	22.02	58.55	1,055
1948	.54	30.56	72.07	947
1949	.38	23.80	51.28	1,029
1950	.15	10.81	32.78	1,033
1951	.69	48.38	39.54	1,082
1952	.15	10.36	47.12	1,122
1953	.34	25.51	36.64	989
1954	.14	10.86	65.93	1,246
1955	.49	37.03	71.42	1,166
1956	.22	15.38	31.25	828
1957	.29	23.39	35.92	1,287
1958	.50	37.43	16.66	1,090

VITAL STATISTICS FOR 1958 AND PREVIOUS YEARS
TABLE No. 4

					Dec	aths		
	Estimated	l I	Births	Unde	r 1 year	All ages		
Year	Population	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	
1946	12,530	219	17.47	15	68.49	152	12.13	
1947	12,720	222	17.45	7	31.49	189	14.85	
1948	12,760	222	17.39	13	58.55	153	11.99	
1949	12,960	205	15.81	8	39.02	172	13.27	
1950	13,250	183	13.81	7	38.25	170	12.83	
1951	13,000	177	13.61	7	39.54	186	14.30	
1952	13,000	191	14.69	3	15.18	174	13.38	
1953	14,370	191	13.29	6	31.45	128	8.90	
1954	14,270	182	12.76	2	10.98	144	10.09	
1955	14,070	182	12.93	6	32.96	153	10.87	
1956	13,600	192	14.11	4	20.83	176	12.94	
1957	13,590	167	12.28	2	11.97	156	11.47	
1958	14,000	180	12.85	2	11.11	161	11.50	

NEW CASES OF, AND DEATHS FROM, TUBERCULOSIS, 1958

TABLE No. 5.

		New 0	Cases	1100	No. 17	Dea	ths		
Age Periods	Respi	iratory	No respir		Respi	ratory	Non- respiratory		
	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
- 1 .	-	_	_	_	_		-	_	
— 5	_	_	_	_	-	_	_	_	
-15	-	_	_	_	_	_	_	-	
-25	_	3	_	-	_	_	_	_	
—35	_	_	. –	1	_	_	-	_	
-45	1	1	_	-	-	1	-	-	
—55	-	_	_	_	-	_	_	_	
65	-	_	_	_	2	_	_	-	
65+	, 1	-	_	-	_	_	_	_	
TOTALS	2	4	_	1	2	1	_	_	

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES

(Other than Tuberculosis) 1958.

TABLE No. 6

Disease	Ishiisrv	February	March	Anril	Mow	Inne	July	August	September	October	November	December	TOTAL
Scarlet Fever	2	1	-	1	-	-	-	-	-	1	1	-	6
Pneumonia	-	-	_	1	-	-	-	_	1	_	-	_	2
Measles	2	1	-	2	14	21	20	2	-	-	-	_	62
Whooping Cough	-	-	1	_	-	-	_	-	1	_	4	5	11
Erysipelas	-	-	-	-	-	-	-	_	-	-	-	_	_
Puerperal Pyrexia	-	-	-	_	_	-	-	_	_	-	-	_	_
Diphtheria	-	_	-	_	-	-	-	_	_	_	_	_	-
Dysentery	-	-	-	-	_	-	-	_	-	_	_	_	-
Food Poisoning	-	-	-		-	-	-	_	-	-	_	-	-
Para-Typhoid	-	-	-	-	-	-	-	_	-	_	_	_	=
Poliomyelitis		-	-	-	-	-	-	_	-	_	1	_	1
Ophthalmia Neonatorum	-	-	-	-	_	-	-	_	-	_	-	_	-
TOTAL	4	2	1	4	14	21	20	2	2	1	6	5	82

AGE INCIDENCE OF NOTIFIABLE DISEASES

(Other than Tuberculosis) 1958.

TABLE No. 7.

Disease	-1	-2	-3	-4	-5	-10	-15	-20	-35	-45	-65	65-	All Ages	Removed to Hospital	Deaths
Scarlet Fever	-	1	1	1	2	1	-	-	-	-	-	-	6	1	_
Pneumonia	-	-	1	-	-	-	_	-	1	-	-	-	2	-	2
Measles	1	2	7	5	9	30	7	-	1	-	-	-	62	-	_
Whooping Cough	1	1	1	-	2	5	1	_	-	-	-	-	11	-	-
Erysipelas	-	-	-	_	_	_	-	-	-	_	_	-	_	_	_
Puerperal Pyrexia	-	-	-	_	-	_	_	-	-	_	-	-	-	-	-
Diphtheria	-	-	-	-	-	_		_	-	-	-	-	-	_	_
Dysentery	-	_	_	-	-	-	-	-	-	-	-	-	-	-	_
Food Poisoning	_	-	_	_	-	_	_	-	-	_	_	-	_	_	-
Ophthalmia Neonatorum	_		_	_				_	_	_	_	_	_	_	_
Typhoid	_	-	-	-	-	_	-	-	-	_	_	-	-	_	_
Para-typhoid	-	-	_	-	_	_	-	-	-	_	_	_	-	_	-
Poliomyelitis	-	-	-	-	-	1	-	-	-	_	-	-	1	1	-
Malaria	-	-	-	-	-	-	-	_	-	_	_	-	-	_	-
TOTAL	2	4	10	6	13	37	8	-	2	-	-		82	2	2

INCIDENCE OF NOTIFIABLE DISEASES

(other than Tuberculosis)

IN INDIVIDUAL PARISHES, 1958

TABLE No. 8.

							-							-
Parish	Scarlet Fever	Pneumonia	Measles	Whooping Cough	Erysipelas	Puerperal Pyrexia	Diphtheria	Policmyelitis	Food Poisoning	Dysentery	Ophthalmia Neonatorum	Para-typhoid	Malaria	TOTAL
Bozeat	_	-	1	3	_	_	-	-	-	_	_	_		4
Doddington, Great	-	-	-	_	_	_	-	-	_	-	-	-	-	_
Earls Barton	1	-	6	3	-	_	-	-	-	_	_	_		10
Easton Maudit	-	_	_	_	-	_	-	-	-	-	-		-	-
Ecton	_	-	17	-	-	_	_	-	-	_	-	-	-	17
Grendon	-	-	-		-	-	-	-	-	-	-	-	-	_
Hardwick	-	-	1	-	-	-	-	-	-	-	-	_	-	1
Harrowden, Great	_	_	-		-		-	-	-	-	-	-	-	_
Harrowden, Little	_	1	_	_	-	-	-	-	_	-	-	-	_	1
Irchester	1	-	_	_			-		_	-	_	_	-	1
Irchester, Little	_	1	_	-	-	-	-	-	-	-	_	_	-	1
Isham	-	-		1	-	-	_	-	_	-	-	-	-	1
Mears Ashby	-	-	_		-	-	_	-	_	-	-	-	-	_
Newton Bromswold	-	-	4	_	_	-	-	-	_	-	-	_	-	4
Orlingbury		-	1	_	-	_	-		-	_	-		-	1
Strixton		-	_	-	-	_	-	-	-	_	_	-	-	
Sywell	_	_	29	-	_	_	_	1		-	-	-	-	30
Wilby	2	-	1	_	_	_	_	_		-	_	-	-	3
Wollaston	2	-	2	4	_	_	_	_	-	_	-	-	_	8
Totals	6	2	62	11			_	1			-			82

MEASLES AND WHOOPING COUGH AGE AND SEX INCIDENCE

TABLE No. 9.

	Me	easles	Whoopi	ng Cough
Age Periods	Males	Females	Males	Females
—6 months		_		_
—12 months	1	_	_	1
—18 months	1	_	-	1
—2 years	_	1	_	_
—2½ years	1	1	_	-
—3 years	5	_	_	1
—4 years	3	2	-	-
—5 years	4	5	2	_
—10 years	11	19	1	4
—15 years	3	4	1	-
15 years+	1	_	_	_
ALL AGES	30	32	4	7
Totals		62		11

CAUSES OF DEATHS OF CHILDREN UNDER ONE YEAR

TABLE No. 10.

Cause of Death	Age in weeks							
	-1	-2	-3	-4	5-52	Total		
Whooping Cough	-	-	_	-	_			
Tuberculous diseases	_	-	_	_	_	_		
Measles	_	_	-	_	-	_		
Convulsions	-	_	_	_	_	_		
Bronchitis and Pneumonia	1	-	_	_		1		
Enteritis and Diarrhœa	_	_	_	_	_			
Congenial Malformations	_	-	_	_	1	1		
Premature Birth	_	_	_	_	_	_		
Injury at Birth		_	_	_		_		
Asphyxia and Atelectasis	_	_	_	_	_	_		
Congenital Debility	_	_	-	_	_	_		
Hæmolytic Disease	_	_	_	_	_	_		
Other Causes	-	_	_	_	_	_		
TOTALS	1	_	_	_	1	2		

HOUSING PROGRAMME UP TO 31st DECEMBER, 1958 1. Number of houses proposed to be erected as approved by the Ministry of Health to date ... 839 . . 2. (a) Number of sites concerning which lay-out plans and house plans have been approved by the Ministry of Health 38 (b) Number of houses contained in such approved lay-outs ... 839 3. Superficial area plans approved, determined in accordance with paragraph 4 of the Standards of New Houses adopted by the Joint Committee: type square feet (a) Non-parlour 2 bedrooms I 800 2 types. R 840 3 L 868 3 K 872 3 952 N 3 0 965 3 P 972 3 J 946 3 H 937 914 G F 912 D 850 Convertible 3 to 4 927 3 bedrooms B 900 (b) Parlour type Duplex 903 (c) Bungalow 2 bedrooms O 745 635 1 bedroom 564 349 S 4. (a) Number of houses for which tenders have been invited ... 62 (b) Number of houses for which negotiated prices have been 777 obtained 5. Number of houses the erection of which have begun ... 839

SUMMARY OF SANITARY INSPECTIONS, ETC.

Number of visits and inspections						1,583
Slaughterhouses on Register						4
Number of Slaughtermen License	d					8
Visits to Slaughterhouses						273
Visits to Butchers' Shops						129
						5
Visits to Bakehouses						17
Food condemned as unfit for hun						4,042 lbs.
Premises Licensed to sell Ice Cre	eam					62
Licenses issued under Milk (Specia	l Design	nation)	Order	s, 1949		18
Blocked Sewers and Drains						27
Insanitary Drainage						13
Defective ventilating shafts						3
Insanitary ditches						4
Cesspools cleansed						75
Insanitary Closet accommodation						_
Insanitary Ashbins						5
Offensive Accumulations						1
Smoke and Dust nuisance						5
Rat infested premises	22					63
Premises infested with bugs, etc.						14
Animals kept as to be a nuisance					4.4	_
Inspection of Food Premises						218
Nuisance from defects in houses:						
Defective roofs						5
Defective paving						
Dangerous stairs						
Defective doors and windows						2
Plaster to repair						5
Damp and defective floors						1
Damp and defective walls						11
Defective eaves guttering						5
Defective sinks and wastes						2
Dangerous chimneys						1
						5
Water supply						3
Notifications of Infectious Diseas						11
Number of rooms fumigated						10
Samples of water taken						
List of Outworkers					1.7	38
Licenses for sites for moveable dw			1.5			3
Rent Act, 1957						5

SUMMARY OF RESULTS OF WATER SAMPLES TAKEN FOR BACTERIOLOGICAL EXAMINATION

TABLE No. 13.

				RESULT		
PARISH		No. of Samples taken	Very Satis- factory	Satis- factory	Sus- picious	Unsatis factory
Bozeat		8	8	_	-	_
Doddington, Great		9	9	_	-	-
Earls Barton		13	12	1	_	_
Easton Maudit		15	12	2	1	-
Ecton		9	9	_	-	-
Grendon		14	13	1	_	_
Hardwick		_	_	_	_	_
Harrowden, Great		_	_	_	_	_
Harrowden, Little			_	_	_	_
Irchester and Little Irc	hester	23	23	_	_	-
Isham		_	_	-	_	_
Mears Ashby		7	7	_	_	-
Newton Bromswold		_	_	_	-	_
Orlingbury		_	_	-	_	-
Strixton		2	1	1	_	_
Sywell		2 2 8	2	_	_	_
Wilby		8	8	_	_	_
Wollaston		31	29	2	_	_
Wilby Swimming Pool		3	3	-	_	_
Sywell Swimming Pool		3	3	-	-	-
From Sources :						
Sywell:						
Clear Water Tank	100	33	22	6	4	1
Pump House .		34	34	_	_	_
Wollaston		54	51		3	_
Earls Barton		11	9	1	1	-
TOTALS		279	255	14	9	1

Results of samples taken by the Mid-Northants. Water Board are not included in this Table but 57 samples taken by me in the Urban area were all very satisfactory with the exception of one which was satisfactory. In addition 3 samples of Well water were taken at Ecton and the results were: 1 very satisfactory, 1 suspicious, 1 unsatisfactory.

Prescribed particulars on the administration of the Factories Act, 1937 and 1948 for the year 1958.

PART I. OF THE ACT

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

	Number	Number of			
Premises	on Register	Inspections		Occupiers prosecuted	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	_	_	_	_	
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	85	25	4	_	
(iii) Other Premises in which Section 7 is enforced by the Local Authority (ex- cluding out-workers' premises)	3	3	1	_	
TOTAL	88	28	5	_	

2.—Cases in which DEFECTS were found.

	No. of c	No. of cases in			
Particulars		Remedied	Refe	which prosecu	
	Found		To H.M. inspector	By H.M. Inspector	ions were institutea
Want of cleanliness (S.1)	1	1	_	_	_
Overcrowding (S.2)		_	_		_
Unreasonable temperature (S.3)	-	-	-	_	
Inadequate ventilation (S.4)	-	_		_	_
Ineffective drainage of floors (S.6)	-	_	_	_	_
Sanitary Conveniences (S.7)					_
(a) Insufficient	2	2		2	_
(b) Unsuitable or defective	4	4	_	2	
(c) Not separate for sexes	1	1	-	1	_
Other offences against the Act (not including offences relating					_
to Outwork)	7	7	-	6	-
TOTAL	15	15	-	11	_

PART VIII. OF THE ACT—OUTWORK

	S	lection 110		Section 111			
Nature of Work	No. of out- workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecu- ions	
Wearing apparel— Making, etc	37	_	_	-	_		
Cleaning & Washing Box Making Curtains & Furniture	=	=	=		=	=	
hangings	_	-	-	_	-	_	
Furniture & Upholstery	_	_	_	_	-	-	
Carding, etc., of Buttons, etc.	-	-	-	-	-	-	
Stuffed Toys	1	-	-	-	-	-	
TOTAL	38	_	_	_	-	-	

