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Hollingbourn Rural District Council

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Annual Report for the Year 1953

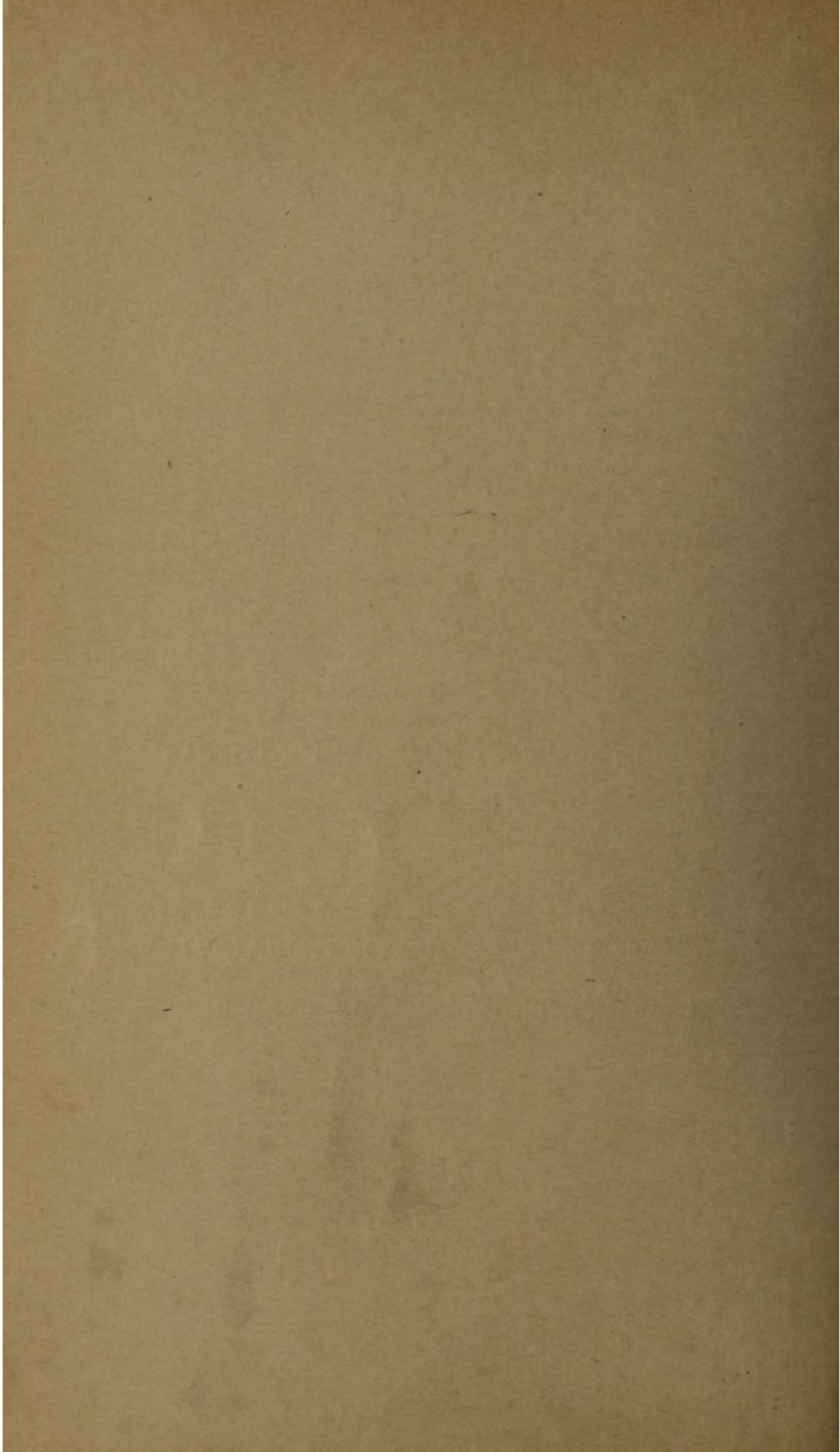
ON

THE HEALTH OF THE  
HOLLINGBOURN RURAL DISTRICT

OF THE

MEDICAL OFFICER OF HEALTH

P. JACOB GAFFIKIN, M.C., M.D., B.Ch., B.A.O., D.P.H.



HOLLINGBOURN RURAL DISTRICT COUNCIL

ANNUAL REPORT FOR THE YEAR 1953

- on -

THE HEALTH OF THE HOLLINGBOURN RURAL DISTRICT

- of the -

MEDICAL OFFICER OF HEALTH

P. JACOB GAFFIKIN, M.C., M.D., B.Ch., B.A.O., D.P.H.



1. The first part of the paper is devoted to a general discussion of the problem.

2. The second part is devoted to a detailed study of the case of a single particle.

3. The third part is devoted to a study of the case of a system of particles.

4. The fourth part is devoted to a study of the case of a system of particles.

5. The fifth part is devoted to a study of the case of a system of particles.

HOLLINGBOURN RURAL DISTRICT.

Report of the Medical Officer of Health  
for the Year Ended 31st December, 1953

To: The Chairman and Members of the Hollingbourn  
Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I present to you my Annual Report on the Health and Sanitary Condition of the Hollingbourn Rural District for the year 1953.

The health of the Rural District has been good during the year: the death rate is well below the rate for the whole country and the infantile death rate has remained at a low level, slightly below that recorded in 1952. In common with neighbouring Districts, the Hollingbourn Rural District had a heavy incidence of measles but happily the cases were not of serious type and there was only one death. Other notifiable diseases have been light, though three cases of polio-myelitis were reported during the year, and again I am glad to report that there has been no case of diphtheria notified in your district.

Progress has been made with the provision of houses, though there is still a shortage and more now housing will be needed if progress is to be made in the demolition of the unfit houses which exist. Extensions of the water mains have been made until the position now is that in every part of your District in which the physical contours permit, a supply of mains water is available. Hoppers' camps have been improved and conditions in these encampments are vastly better than in former years. The extension of main drainage and the provision of sewage disposal works are urgent needs and the multiplication of cesspits which require emptying has created a serious problem in the disposal of the cesspit contents. It is distressing to note the slowness with which schemes prepared and submitted for approval reach the stage when work can actually begin.

I would again express my appreciation of the support and consideration which I have always received from the Council, from the Medical Practitioners in the district and from my colleagues of the Staff of your Authority, and

I have the Honour to be, Mr. Chairman, Ladies and  
Gentlemen,

Your obedient Servant,

P. JACOB GAFFIKIN.

Medical Officer of Health.

13 Tonbridge Road,  
Maidstone.

September 18th, 1954.

WILLIAMSBURG RURAL DISTRICT

Report of the Medical Officer of Health  
for the Year Ended 31st December, 1933

To: The Chairman and Members of the Willingham  
Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I pleasure to send my annual Report on the Health and  
Sanitary Condition of the Willingham Rural District for  
the year 1933.

The Health of the Rural District has been good during  
the year: the death rate is well below the rate for the  
whole country and the infantile death rate has remained at  
a low level, slightly below that recorded in 1932. In  
common with neighbouring districts, the Willingham Rural  
District had a heavy incidence of measles but largely the  
cases were not of serious type and there was only one death.  
Other notifiable diseases have been light, though some  
cases of gastro-enteritis were reported during the year, and  
again I am glad to report that there has been no case of  
typhoid fever notified in your district.

Progress has been made with the provision of houses,  
though there is still a shortage and more housing will  
be needed in the future. It is to be noted in the provision of the  
water supply, extension of the water mains  
have been made until the position now is that in every part of  
your district in which the physical conditions permit a supply  
of mains water is available. However, some improvements  
improved and conditions in these circumstances are greatly better  
than in former years. The extension of water drainage and  
the provision of sewage disposal works are urgent needs and  
the multiplication of houses which requires attention must be  
treated a serious problem in the district of the future and  
is in fact a problem to meet the demands which will arise  
when work can actually begin.

I would again express my appreciation of the support  
and co-operation which I have always received from the  
Council, from the Medical Practitioners in the district and  
from my colleagues of the Staff of your Authority, and

I have the honour to be, Mr. Chairman, Ladies and  
Gentlemen,

Yours obedient servant,

F. J. J. J. J.

Medical Officer of Health

Willingham Rural District

15, Southgate Road,  
Willingham.



HOLLINGBOURN RURAL DISTRICT COUNCIL

PUBLIC HEALTH COMMITTEE

Members: -

Mr. L. M. Apps.	Mr. E. J. Belton.
Mr. H. A. Boxall.	Mr. C. H. Groom.
Mr. F. E. Foreman.	Mr. L. A. Lidstone.
Mr. L. Langley.	Mr. B. J. Mercer.
Mr. W. A. Mattinson.	Mr. T. W. Oxendale.
Mrs. K. S. Mitchell.	Mr. R. G. Beale.
Mr. D. Taylor.	Mr. A. W. Hooker.

Mr. T. D. Page.

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PUBLIC HEALTH OFFICERS

- of the -

HOLLINGBOURN RURAL DISTRICT

Medical Officer of Health	-	P. Jacob Gaffikin, M.C., T.D., M.D., B.Ch., B.A.O., D.P.H.
Chief Sanitary Inspector	-	Chas. W. Page, C.R.San.I., M.S.I.A.
Additional Sanitary Inspectors	-	Geoffrey H. Chambers, M.S.I.A., A.R.San.I., Cert. S.I.B., L.A.B.S.S.
		Gordon E. Hayne, M.S.I.A., Cert. S.I.B.
Cleansing Superintendent	-	Lionel P. Datson, M.M.
Clerk	-	R. H. Lovell.

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SECTION "A".

## Statistics and Social Conditions of the Area

Area	56810 Acres.
Estimated Resident Population 1953	16,610.
Number of Inhabited houses, end of 1953 (according to rate-books)	5,272.
Rateable Value	£89,085.
Sum represented by a penny rate	£356.14.9.

Extracts from Vital

<u>Statistics</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Live Births - Legitimate	229	125	104
Illegitimate	9	6	3
Birth Rate per 1,000 of the estimated resident popula- tion	Crude	-	14.32.
	Corrected	-	15.03.

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Still Births	6	2	4
Rate per 1,000 Births (Live and Still).	24.59.		

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Deaths	178	82	96
Death Rate per 1,000 of the estimated resident popula- tion.	Crude	-	10.71
	Corrected	-	8.43

<u>Deaths from puerperal causes (Headings 29 and 30 of the Registrar-General's Short List).</u>	<u>Rate per 1,000 total births.</u>
1910	10.0
1911	10.0
1912	10.0
1913	10.0
1914	10.0
1915	10.0
1916	10.0
1917	10.0
1918	10.0
1919	10.0
1920	10.0
1921	10.0
1922	10.0
1923	10.0
1924	10.0
1925	10.0
1926	10.0
1927	10.0
1928	10.0
1929	10.0
1930	10.0
1931	10.0
1932	10.0
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2029	10.0
2030	10.0
2031	10.0
2032	10.0
2033	10.0
2034	10.0
2035	10.0
2036	10.0
2037	10.0
2038	10.0
2039	10.0
2040	10.0
2041	10.0
2042	10.0
2043	10.0
2044	10.0
2045	10.0
2046	10.0
2047	10.0
2048	10.0
2049	10.0
2050	10.0
2051	10.0
2052	10.0
2053	10.0
2054	10.0
2055	10.0
2056	10.0
2057	10.0
2058	10.0

No. 29 Puerperal Sepsis.	Nil.
No. 30 Other Puerperal Causes.	4.09.

Death rate of infants  
under 1 year of age. Nil.

All infants per 1,000 live Births.	16.8.
Legitimate infants per 1,000 live Births.	17.46.
Illegitimate infants per 1,000 live Births.	Nil.

Deaths from Measles (all ages).	1.
Deaths from Cancer (all ages).	33.
Deaths from Whooping Cough (all ages).	Nil.
Deaths from Diarrhoea and Enteritis.	Nil.

# Statistics and Social Conditions of the Area

South Area.

18,410.

2,975.  
18,410.

18,410.

Area  
Estimated Resident  
Population 1933  
Number of inhabited  
houses, and of 1933  
(according to two counts)  
National Value  
and represented by a penny  
rate

## Statistics from Vital Registration

Live Births - Legitimate  
Illegitimate  
Birth Rate per 1,000 of the  
estimated resident popula-  
tion

Total	Male	Female
120	120	120
2	2	2
Grade	-	12.51
Corrected	-	12.51

Total	Male	Female
0	0	0

Birth Rate  
Rate per 1,000 Births  
(Live and still)

Total	Male	Female
178	178	178
Grade	-	12.51
Corrected	-	12.51

Deaths  
Death Rate per 1,000 of the  
estimated resident popula-  
tion

Rate per 1,000 total  
Deaths

Deaths from infectious  
diseases (including 50 and  
50 of the population  
General's Report 1933)

111.

1.00.

No. 22 infectious diseases  
No. 50 other infectious  
diseases

Death rate of infants  
under 1 year of age

111.

All infants per 1,000 live  
births

12.51

Legitimate infants per  
1,000 live births  
Illegitimate infants per  
1,000 live births

17.51

111.

Deaths from infectious (all)

1

Deaths from cancer (all)

111.

Deaths from infectious (all)

111.

Deaths from infectious (all)

111.



## SECTION "B".

### General Provision of Health Services in the Area.

The medical care of the population since the inception of the National Health Service has been divided amongst several agencies and one of the difficulties has been to secure the necessary co-operation and liaison between the different parts of the administrative machine. The domiciliary care of the sick is the responsibility of the general practitioner - the family Doctor - who ought to be the keystone of the whole structure for the improvement of national health: the provision of hospital beds and treatment, including maternity beds and hospitals for infectious disease, is entrusted to the Regional Hospital Boards, working through local Hospital Management Committees, while the services such as clinics, maternity and child welfare centres, the school medical and dental services and the care of the aged and infirm, who are not in need of actual hospital treatment, are the responsibility of the larger Local Authorities, the County and County Borough Councils. It is not surprising that such divisions of function and responsibility should have created some anomalies, but with good will and the British capacity for compromise such difficulties will doubtless be overcome.

In previous reports I have stated my conviction that for the efficient conduct of health services, personal and individual contact and knowledge are essential and that remote control, either at national or County level, must be less efficient than administration through smaller Local Authorities or combinations of such, according to geographical convenience and economic interdependence. Delegation of day-to-day routine conduct of the health services to smaller Local Authorities while the general direction of policy would be the responsibility of the central authority or of the County Council, would appear to be the solution of the problem of retaining local interest and making use of local and individual knowledge. As, in the clinical side of the health service, the family Doctor with his knowledge of family conditions is the vital factor in any sound health service, so in the environmental aspect of health services, it is the really local authority, the District Council and the Parish Council, which has the local knowledge, interest and confidence required to conduct a health service which must, in the end, be an individual and personal, rather than a purely administrative, matter.

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Sanitary Circumstances of the Area.

Water Supplies.

The area of the Rural District is served by the Water Undertakers of Mid-Kent, Maidstone and Chatham. Some of the water comes from the wells in this area, and the Maidstone Company are in the process of sinking new wells at Detling to meet increased needs of the rural and urban areas.

During the year there has been a steady increase in the number of houses being connected to a mains supply. The number taking a supply from streams is now very small. In one, the area of Boxley, Walderslade and Lidsing, the Chatham Company have nearly completed their pipe-laying and the habitants who have been dependent on rainwater will soon enjoy a piped supply. Two further schemes for extending a mains supply, the one to part of the parish of Leeds has not yet received Ministry approval, and the other, to rural areas on the Downs, is expected to commence shortly.

The Council continues to effect a control of water purity by the taking of samples from the main village centres at monthly intervals. Over the twelve months under review, the Pathologist's reports were satisfactory. Request samples from springs, wells, etc., were often of doubtful purity and effective treatment measures were advocated.

National Assistance Act, 1948 - Section 50.

Under this Act you are responsible for the burial of persons who may die in your district and in respect of whom there is no person available with any legal responsibility. Four such cases did occur early in the year. In each case, some part of the cost was chargeable to the rate, although insurances have defrayed much of the cost of burial in each case.

Scavenging.

The system of refuse collection has continued to work smoothly and ever since its inauguration in 1947 this service has been appreciated and there has been a vast improvement in the state of the woods, copses and ditches in the district. But there is still far too much rubbish and litter left to disfigure the countryside and I am appalled at the untidy habits and lack of consideration which is shown by visitors, and the efforts of the B.B.C. to impress upon holiday-makers that they should be careful not to disfigure the beauty spots of our County and leave unwelcome traces of their visits have not had the effect one could desire. Destruction of refuse is still undertaken for us by our neighbour, the Maidstone Borough Council, and this arrangement has continued to work with success.

Drainage and Sewerage.

There is still need for improved drainage and for the extension of provision for sewage disposal in many of the



Sanitary Conditions of the AreaWater Supply

The area of the Rural District is served by the water undertakers of Walsall, Lichfield and Glaston. The water comes from the wells in this area, and the Lichfield Company are in the process of sinking new wells at Belling to meet increased needs of the rural and urban areas.

During the year there has been a steady increase in the number of houses being connected to a main supply. The number taking a supply from streets is not very small. In one, the area of Belling, Lichfield and Glaston, Glaston Company have recently completed their pipe-laying and the residents who have been dependent on rainwater will soon enjoy a piped supply. Two further schemes for extending a main supply, the one to part of the parish of Lichfield has not yet received Ministry approval, and the other, to rural areas on the Down, is expected to be completed shortly.

The Council continued to effect a constant supply of water by the taking of supplies from the main Glaston Company's main supply. Over the twelve months under review, the Lichfield's reports were satisfactory. Requests for supplies from various wells, etc., were often of doubtful purity and effective treatment measures were advocated.

Sanitary Conditions of the Area - Section 10

Under this Act the Council is responsible for the burial of persons who may be liable to be buried in the district and in respect of whom there is no person available with any legal responsibility. The Council also has a duty in the burial of persons who are not liable to be buried in the district. In such cases, the Council is responsible for the burial of persons who are not liable to be buried in the district. The Council is responsible for the burial of persons who are not liable to be buried in the district.

Sanitation

The system of refuse collection has continued to work smoothly and over since the introduction in 1947 there has been no change in the system. The Council has been successful in the removal of the refuse, and the system is still in full operation. The Council is responsible for the collection of refuse and the disposal of it. The Council is responsible for the collection of refuse and the disposal of it. The Council is responsible for the collection of refuse and the disposal of it.

Gravels and Sewerage

There is still need for improved drainage and for the extension of provision for sewage disposal in many of the

parishes. Some of the existing disposal works are inadequate and extension and reconstruction are urgently required. In other places, schemes for new works have been prepared but are still delayed in coming to the stage when work can be begun.

#### Sanitary Conveniences.

The present position as regards the provision of sanitary conveniences and for the disposal of sewage is approximately as follows: -

Water Closets	3035
Pail Closets	1225
Privies	190
To cesspools or septic tank	3063
To sewers	883
To ditches, streams or no drainage at all	127

#### Rivers and Streams.

The rivers and streams in the Rural District still suffer from pollution and in places this is serious and becoming more urgent. The chain of cause and effect is obvious - the provision of main water supply is followed by the installation of additional water closets and the need for main drainage. No action has been possible in 1953, but I hope that the extension of main drainage and the installation of adequate means of purifying the sewage and of making the effluents from the existing works satisfactory will ensure that the streams and rivers in the District are safeguarded.





## Sanitary Inspection of the Area.

Your Chief Sanitary Inspector has furnished the following Report on the work of his Department during the year: -

Mr. Chairman, Ladies and Gentlemen,

I present my report for the year 1953.

I would first confess that it is owing to the lateness of preparation of my report that has prevented your Medical Officer of Health from presenting his Report in good time. The delay on my part is due entirely to the pressure in my Department today. The Council will no doubt recollect that I have been one short in staff since 1946. The removal of controls and recent legislation have made for much more work and at the time of writing this report I just cannot see how the mounting work is to be dealt with unless I am given at least one more assistant and additional office staff.

In my last report, I dealt with licensed caravan sites and the one which had been taken up, Holm Mill, Harrietsham, has been completed and occupation commenced. The camp is conducted very satisfactorily, the Licensee is extremely particular with regard both to the type of caravan and the occupier.

The campaign with regard to sanitary accommodation and washing facilities at licensed premises has continued with limited but satisfactory results. With the easing of controls I expect much better results in the future.

The improvement in hop-pickers camps was continued in this year and whilst there were still several camps at which perhaps some minor improvements could be suggested, it is fair to say that a standard has been reached which one would hardly have dreamed of in 1939.

### Cesspool Emptying.

No particular difficulties were experienced during the year, and owing to the fact that a third emptier was in use, the year passed with a minimum of complaint regarding this service. The trouble now is finding suitable sites for the disposal of contents of emptiers. During the Spring and Summer months there is no especial difficulty because the vehicles can discharge at any point on a farm, but in Autumn and Winter the position is rather different because the state of the ground restricts considerably the operational area. However, I have managed to deal with the problem with the minimum of nuisance and complaint.

During the year I estimate that the total amount of sewage dealt with was 4,324,000 gallons.

The following table shows the number of requests and the corresponding number of loads for each month.

I give also the figure for 1952 for comparison.

Your Chief Sanitary Inspector has furnished the following Report on the work of his Department during the year: -

Mr. Chairman, Ladies and Gentlemen,

I present my report for the year 1933.

I would first mention that it is owing to the assistance of preparation of my report that has prevented the Officer of Health from presenting his Report in 1933. The delay on my part is due entirely to the pressure of the Department today. The Council will be held on 19th I have been one month in office since 1933. The Council and recent legislation have made for much more work and at the time of writing this report I had received and had the constant work in the office with which I am given at least one more assistant and additional office staff.

In my last report, I dealt with licensed premises and the one which had been taken up, John Hill, had been completed and occupation commenced. The new building was satisfactory, the license in accordance with the type of structure and occupation.

The campaign with regard to sanitary accommodation and waiting facilities at licensed premises was continued with limited and satisfactory results. With the coming of summer I expect much better results in the future.

The improvement in house-dust-carrying was continued in this year and whilst there were still several cases of which perhaps some minor improvements could be suggested it is fair to say that a standard has been reached which one would hardly have dreamed of in 1932.

#### General Remarks.

No particular difficulties were experienced during the year, and owing to the fact that a third engine was in use, the year passed with a minimum of complaint regarding this service. The trouble now is finding suitable sites for the disposal of contents of engines. During the Spring and Summer months there is no special difficulty because the vehicles can discharge at any point on a road but in Autumn and Winter the position is rather different because the state of the ground renders considerable operational time. However, I have managed to deal with the problem with the minimum of nuisance and expense.

During the year I received 4,324,000 gallons of sewage dealt with was 4,324,000 gallons.

The following table shows the number of rodents and the corresponding number of loads for each year.

I give also the figures for 1932 for comparison.



<u>Month.</u>	<u>Requests</u> <u>1952.</u>	<u>Loads</u>	<u>Requests</u> <u>1953.</u>	<u>Loads</u>
January	243	567	191	537
February	194	494	217	500
March	243	568	295	517
April	273	536	215	696
May	249	659	199	222
June	162	466	208	199
July	176	435	205	192
August	160	410	204	557
September	156	408	206	629
October	165	527	208	409
November	261	488	119	329
December	205	613	216	618
	<hr/>	<hr/>	<hr/>	<hr/>
	2487	6221	2483	5405
	<hr/>	<hr/>	<hr/>	<hr/>

### Refuse Collection.

The systematic collection of refuse has been continued throughout the District and by arrangement with the Borough of Maidstone the refuse has been delivered unsorted to the Borough Destructor at Tovil. The monthly totals of collections are shown below and for the purposes of comparison I have given the totals (to the nearest ton) for the years 1950, 1951 and 1952.

<u>Month.</u>	<u>1950</u> <u>Tons</u>	<u>1951</u> <u>Tons</u>	<u>1952</u> <u>Tons</u>	<u>1953</u> <u>Tons</u>
January	156	176	171	175
February	141	148	149	152
March	158	147	158	144
April	134	156	147	170
May	154	150	136	132
June	123	109	108	114
July	107	121	106	137
August	115	105	107	99
September	113	114	120	98
October	128	132	162	135
November	141	149	136	131
December	133	135	167	146
	<hr/>	<hr/>	<hr/>	<hr/>
	1603	1642	1667	1633
	<hr/>	<hr/>	<hr/>	<hr/>
Increase/Decrease on Previous Year	+ 166	+ 39	+ 25	- 34



Month	1937	1938	1939
January	245	287	287
February	104	404	404
March	242	600	600
April	275	600	600
May	249	600	600
June	128	400	400
July	170	400	400
August	140	210	210
September	138	400	400
October	140	287	287
November	201	400	400
December	100	210	210
	2207	2221	2221

# Netus Collection

The systematic collection of netus has been continued throughout the District and by arrangement with the Bureau of Fisheries the netus has been delivered unsorted to the Bureau of Fisheries at Jolly. The monthly totals of netus are shown below and for the purpose of comparison have given the totals for the nearest year for the years 1930, 1937 and 1938.

Month	1930	1937	1938
January	180	170	170
February	141	140	140
March	140	140	140
April	140	140	140
May	140	140	140
June	140	140	140
July	140	140	140
August	140	140	140
September	140	140	140
October	140	140	140
November	140	140	140
December	140	140	140
	1400	1400	1400

Increased Netus for  
Previous Year

+ 200 + 200 + 200

## Summary of Inspections.

### General.

Visits for purpose of water sampling.....	59
Other visits connected with water supply.....	58
Civil Defence.....	106
Drainage.....	144
Sewage Disposal and Sewers.....	2766
Refuse Disposal.....	1325
Stables and Piggeries.....	2
Animals kept so as to be a nuisance.....	22
Movable Dwellings.....	360
Hopper Camps.....	41
Factories with power.....	58
Factories non-power.....	102
Workplaces.....	1
Rodent Control.....	70
Building Byelaws.....	457
Petroleum Stores.....	6
Shops Acts.....	18
Knackers Yards.....	27
Miscellaneous.....	522

### Housing.

Initial Inspections under the Public Health Act.....	93
Revisits under the Public Health Act.....	245
Initial Inspections under the Housing Act.....	79
Revisits under the Housing Act.....	67
Initial Inspections of filthy and verminous premises..	15
Revisits of filthy and verminous premises.....	4
Visits to Council Cottages.....	208
Miscellaneous Housing Visits.....	59

### Infectious Disease.

Visits for disinfection with or without enquiry.....	15
Other visits concerned with infectious disease.....	3

### Food Premises.

Slaughterhouses.....	647
Butchers.....	25
Fishmongers.....	2
Bakehouses.....	12
Dairies.....	1
Visits to collect Milk Samples.....	3
Restaurants and Cafes.....	66
Ice Cream Premises.....	31
Licensed Premises.....	30
Other Food Premises.....	50
Miscellaneous.....	20

Total visits for the year 1953.	7819
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### General Statistics.

#### General Sanitation and Housing Defects.

New drains provided or drains reconstructed.....	3
House drains cleansed or repaired.....	4





Houses provided with new water closets.....	1
Water Closets repaired.....	-
Water Closets provided with flushing apparatus.....	-
New sinks with trapped wastes provided.....	3
New trapped wastes fitted to sinks.....	3
New gullies provided for sinks.....	1
Cesspools and privy pits cleansed or repaired.....	2398
Privies abolished.....	-
Pails renewed.....	3
Offensive accumulations removed.....	3
Ponds and water courses cleansed.....	-
Filthy premises cleansed.....	-
Verminous premises disinfected.....	10
Dampness remedied.....	15
Roofs repaired.....	30
Gutters and rainwater pipes repaired.....	8
Floors and Staircases repaired.....	6
Walls and ceilings repaired.....	12
Windows and doors repaired.....	7
Yards paved.....	1
Grates and ranges repaired or renewed.....	6
Sash lines repaired.....	2

#### Water Supplies.

Houses connected to mains in 1952.....	112
Rainwater tanks examined.....	2
Rainwater tanks repaired or cleansed.....	2

#### Dairies.

New Drainage.....	1
-------------------	---

#### Bakehouses.

Premises cleansed and lime washed.....	3
--	---

#### Slaughterhouses.

Premises cleansed and lime washed.....	11
--	----

#### Infectious Disease.

Notifications received.....	469
Visits made by Sanitary Inspector.....	16
Number of rooms disinfected.....	16
Number of Vehicles disinfected.....	-
Patients removed to Isolation Hospital.....	2

#### Notices.

Number of informal notices served.....	133
Number of informal notices complied with.....	104
Number of Statutory Notices served.....	4
Number of Statutory Notices complied with.....	3
Number of Court Proceedings to require compliance with Notice. (Note: In each case Court Orders were made and the work subsequently executed).....	4



Factories Acts, 1937 and 1948.

Part 1 of the Act.

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

Premises	M/c Line No.	Number on Register	Number of			M/c Line No.
			Inspec- tions	Written Notices	Occu- piers prose- cuted	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	50	2	-	-	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	23	60	2	-	2
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	3	26	114	-	-	3
TOTAL	-	99	176	2	-	-



1. Inspections for purposes of provisions as to health (inspections made by sanitary inspectors)

Premises	No. of lines	Number on Register	Number of			No. of lines
			Inspected	Water-works	Public	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(1) Premises in which Sections 1, 2, 3, 4 and 5 are enforced by local authorities	1	20	2	-	-	1
(2) Premises not included in (1) in which Section 7 is enforced by the local authority	2	22	20	2	-	2
(3) Other premises in which Section 7 is enforced by the local authority (excluding motor-vehicles)	3	26	14	-	-	3
TOTAL	-	68	36	2	-	6

2. Cases in which defects were found.

Particulars	M/c Line No.	Number of cases in which defects were found.				No. of cases in which prose- cutions were insti- tuted. (7)	M/c Line No.
		Found	Reme- died	Referred			
				To H. M. Inspector	By H. M. Inspector		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Want of Cleanli- ness.	4	-	-	-	-	-	4
Overcrowding.	5	-	-	-	-	-	5
Unreasonable temperature.	6	-	-	-	-	-	6
Inadequate ventilation.	7	-	-	-	-	-	7
Ineffective drainage.	8	-	-	-	-	-	8
Sanitary Conveniences:							
(a) Insufficient	9	1	1	-	-	-	9
(b) Unsuitable or defec- tive.	10	-	-	-	-	-	10
(c) Not separate for sexes	11	-	-	-	-	-	11
Other offences against the Act (not in- cluding offences relating to outwork.)	12	-	-	-	-	-	12
TOTAL	-	1	1	-	-	-	-

No. of cases in which vessels were found.	No. of cases in which vessels were found.	Number of cases in which vessels were found.				No. of cases in which vessels were found.	No. of cases in which vessels were found.
		Number of cases in which vessels were found.		Home- died	Found		
		To M. N. Inspector	By M. N. Inspector				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	1	-	-	-	-	-	1
2	2	-	-	-	-	-	2
3	3	-	-	-	-	-	3
4	4	-	-	-	-	-	4
5	5	-	-	-	-	-	5
6	6	-	-	-	-	-	6
7	7	-	-	-	-	-	7
8	8	-	-	-	-	-	8
9	9	-	-	-	-	-	9
10	10	-	-	-	-	-	10
11	11	-	-	-	-	-	11
12	12	-	-	-	-	-	12
13	13	-	-	-	-	-	13
14	14	-	-	-	-	-	14
15	15	-	-	-	-	-	15
16	16	-	-	-	-	-	16
17	17	-	-	-	-	-	17
18	18	-	-	-	-	-	18
19	19	-	-	-	-	-	19
20	20	-	-	-	-	-	20
21	21	-	-	-	-	-	21
22	22	-	-	-	-	-	22
23	23	-	-	-	-	-	23
24	24	-	-	-	-	-	24
25	25	-	-	-	-	-	25
26	26	-	-	-	-	-	26
27	27	-	-	-	-	-	27
28	28	-	-	-	-	-	28
29	29	-	-	-	-	-	29
30	30	-	-	-	-	-	30
31	31	-	-	-	-	-	31
32	32	-	-	-	-	-	32
33	33	-	-	-	-	-	33
34	34	-	-	-	-	-	34
35	35	-	-	-	-	-	35
36	36	-	-	-	-	-	36
37	37	-	-	-	-	-	37
38	38	-	-	-	-	-	38
39	39	-	-	-	-	-	39
40	40	-	-	-	-	-	40
41	41	-	-	-	-	-	41
42	42	-	-	-	-	-	42
43	43	-	-	-	-	-	43
44	44	-	-	-	-	-	44
45	45	-	-	-	-	-	45
46	46	-	-	-	-	-	46
47	47	-	-	-	-	-	47
48	48	-	-	-	-	-	48
49	49	-	-	-	-	-	49
50	50	-	-	-	-	-	50
51	51	-	-	-	-	-	51
52	52	-	-	-	-	-	52
53	53	-	-	-	-	-	53
54	54	-	-	-	-	-	54
55	55	-	-	-	-	-	55
56	56	-	-	-	-	-	56
57	57	-	-	-	-	-	57
58	58	-	-	-	-	-	58
59	59	-	-	-	-	-	59
60	60	-	-	-	-	-	60
61	61	-	-	-	-	-	61
62	62	-	-	-	-	-	62
63	63	-	-	-	-	-	63
64	64	-	-	-	-	-	64
65	65	-	-	-	-	-	65
66	66	-	-	-	-	-	66
67	67	-	-	-	-	-	67
68	68	-	-	-	-	-	68
69	69	-	-	-	-	-	69
70	70	-	-	-	-	-	70
71	71	-	-	-	-	-	71
72	72	-	-	-	-	-	72
73	73	-	-	-	-	-	73
74	74	-	-	-	-	-	74
75	75	-	-	-	-	-	75
76	76	-	-	-	-	-	76
77	77	-	-	-	-	-	77
78	78	-	-	-	-	-	78
79	79	-	-	-	-	-	79
80	80	-	-	-	-	-	80
81	81	-	-	-	-	-	81
82	82	-	-	-	-	-	82
83	83	-	-	-	-	-	83
84	84	-	-	-	-	-	84
85	85	-	-	-	-	-	85
86	86	-	-	-	-	-	86
87	87	-	-	-	-	-	87
88	88	-	-	-	-	-	88
89	89	-	-	-	-	-	89
90	90	-	-	-	-	-	90
91	91	-	-	-	-	-	91
92	92	-	-	-	-	-	92
93	93	-	-	-	-	-	93
94	94	-	-	-	-	-	94
95	95	-	-	-	-	-	95
96	96	-	-	-	-	-	96
97	97	-	-	-	-	-	97
98	98	-	-	-	-	-	98
99	99	-	-	-	-	-	99
100	100	-	-	-	-	-	100
TOTAL	TOTAL	-	-	-	-	-	-



### 3. Outwork.

Nature of Work	No. of out-workers in August List required by Section 110 (1)(c).
Wearing Apparel making etc.	2

#### Camping Sites.

No Licences were issued during the year.

#### Smoke Abatement.

One observation was made during the year but no action was necessary.

#### Swimming Baths and Pools.

There are no Swimming Baths which are open to the public in the district.

#### Vermin.

Considerable activity was experienced during the year in this matter and the following table gives the picture: -

<u>Ants.</u>	Thirteen premises were treated for the eradication of these pests.
<u>Bed Bugs.</u>	Four dwellings were relieved of these unwelcome guests.
<u>Cockroaches.</u>	Four treatments have been carried out at Lenham Sanatorium and works were executed upon my advice to restrict the activities of this pest.
<u>Fleas.</u>	Four dwellings were dealt with to clear this troublesome vermin.
<u>Flies.</u>	Four premises (three dwellings and one private hotel) were cleared of an infestation of the common house fly. In each case the seat of the trouble was in the roof cavity.

Number of birds seen in the vicinity of the nesting site.	Number of birds seen in the vicinity of the nesting site.
Number of birds seen in the vicinity of the nesting site.	Number of birds seen in the vicinity of the nesting site.

## General Notes.

No licenses were issued during the year.

## Swain's Anas.

One observation was made during the year but no nesting was observed.

## Swain's Anas and Falc.

There are no Swain's Anas which are open to the public in the district.

## Swain's.

Considerable activity was experienced during the year in this matter and the following table gives the results:

Thirteen specimens were obtained for the examination of these birds.

## Swain's.

Four specimens were collected of these specimens.

## Swain's.

Four specimens have been carried out to the examination and were examined and shown to possess the active state of this bird.

## Swain's.

Four specimens were shown to show this specimen.

## Swain's.

Four specimens (three specimens and one private party) were shown to be in the active state of the specimen. In each case the state of the specimen was in the active state.

## Swain's.

Housing.

The following information regarding housing in the Rural District is set out in the form in which it is asked for by the Ministry of Health: -

1. Inspection of dwellinghouses during the year: -
  - (1) (a) Total number of dwellinghouses inspected for housing defects (under the Public Health or Housing Acts). 172
  - (b) Number of inspections made for the purpose. 484
  - (2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1932. -
  - (b) Number of inspections made for the purpose. -
  - (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation. 1
  - (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. 93
2. Remedy of defects during the year, without service of formal notices: -
 

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers. 89
3. Action under Statutory Powers during the year: -
  - (a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936. -
  - (1) Number of dwellinghouses in respect of which notices were served requiring repairs. -
  - (2) Number of dwellinghouses which were rendered fit after service of formal notices: -
    - (a) By Owners. -
    - (b) By Local Authority in default of Owners. -



# Annex

The following information regarding housing in the  
 Royal District is set out in the form in which it is  
 asked for by the Ministry of Health.

1.	Inspection of dwellings during the year.	
(a)	Total number of dwellings	
(b)	Number of dwellings for housing purposes	
(c)	Number of dwellings for housing purposes	
(d)	Number of dwellings for housing purposes	
(e)	Number of dwellings for housing purposes	
(f)	Number of dwellings for housing purposes	
(g)	Number of dwellings for housing purposes	
(h)	Number of dwellings for housing purposes	
(i)	Number of dwellings for housing purposes	
(j)	Number of dwellings for housing purposes	
(k)	Number of dwellings for housing purposes	
(l)	Number of dwellings for housing purposes	
(m)	Number of dwellings for housing purposes	
(n)	Number of dwellings for housing purposes	
(o)	Number of dwellings for housing purposes	
(p)	Number of dwellings for housing purposes	
(q)	Number of dwellings for housing purposes	
(r)	Number of dwellings for housing purposes	
(s)	Number of dwellings for housing purposes	
(t)	Number of dwellings for housing purposes	
(u)	Number of dwellings for housing purposes	
(v)	Number of dwellings for housing purposes	
(w)	Number of dwellings for housing purposes	
(x)	Number of dwellings for housing purposes	
(y)	Number of dwellings for housing purposes	
(z)	Number of dwellings for housing purposes	
(aa)	Number of dwellings for housing purposes	
(ab)	Number of dwellings for housing purposes	
(ac)	Number of dwellings for housing purposes	
(ad)	Number of dwellings for housing purposes	
(ae)	Number of dwellings for housing purposes	
(af)	Number of dwellings for housing purposes	
(ag)	Number of dwellings for housing purposes	
(ah)	Number of dwellings for housing purposes	
(ai)	Number of dwellings for housing purposes	
(aj)	Number of dwellings for housing purposes	
(ak)	Number of dwellings for housing purposes	
(al)	Number of dwellings for housing purposes	
(am)	Number of dwellings for housing purposes	
(an)	Number of dwellings for housing purposes	

(c)	Proceedings under the Public Health Acts: -	
(1)	Number of dwellinghouses in respect of which notices were served requiring defects to be remedied.	9
(2)	Number of dwellinghouses in which defects were remedied after service of formal notices: -	
(a)	By Owners.	4
(b)	By Local Authority in default of Owners.	-
(c)	Proceedings under Sections 11 and 13 of the Housing Act, 1936: -	
(1)	Number of dwellinghouses in respect of which Demolition Orders were made.	-
(2)	Number of dwellinghouses demolished in pursuance of Demolition Orders.	-
(d)	Proceedings under Section 12 of the Housing Act, 1936: -	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made.	-
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit.	-
4.	Housing Act, 1936, Part IV. Overcrowding.	
(a)	(i) Number of dwellings overcrowded at the end of the year.	15
	(ii) Number of families dwelling therein.	23
	(iii) Number of persons dwelling therein.	121
(b)	Number of new cases of overcrowding reported during the year.	-
(c)	(i) Number of cases of overcrowding relieved during the year.	-
	(ii) Number of persons concerned in such cases.	-

Proceedings under the Public Health Act, 1936 -

(a)

Number of dwellings in respect of which notices were served regarding defects to be remedied;

(1)

Number of dwellings in which defects were remedied after service of formal notices;

(2)

By Owners;

(a)

By Local Authority in default of Owners;

(b)

Proceedings under Sections 11 and 12 of the Housing Act, 1936 -

(c)

Number of dwellings in which good of which demolition orders were made;

(1)

Number of dwellings demolished in pursuance of demolition orders;

(2)

Proceedings under Section 13 of the Housing Act, 1936 -

(d)

Number of separate tenements or undertenements in respect of which closing orders were made;

(1)

Number of separate tenements or undertenements in respect of which closing orders were determined, the tenements or rooms having been rendered fit;

(2)

Housing Act, 1936, Part IV. Overcrowding.

Number of dwellings overcrowded at the end of the year;

(1)

(a)

Number of families dwelling therein;

(11)

Number of persons dwelling therein;

(111)

Number of new cases of overcrowding reported during the year;

(c)

Number of cases of overcrowding relieved during the year;

(1)

(e)

Number of persons concerned in such cases;

(111)



- (d) Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding. -

Movable Dwellings.

The situation with regard to Licences to station and use movable dwellings is as follows: -

No. of applications received.	67
No. of licences issued.	64
No. of applications refused.	4
No. of applications withdrawn.	-
No. of Proceedings.	2
No. of appeals to Justices.	1

In addition, one application was received for a licence to use land as a caravan camping site. This was in respect of land at The Bull Inn, Lenham Heath. The licence was granted subject to your standard conditions, but the project failed due to refusal of consent under the Town and Country Planning Act, 1947. The refusal was upheld by the Minister on appeal.

The proposed camp at Holm Mill, Harrietsham, was brought into operation just at the end of the year.

Particulars of any cases in which dwellings have again become overcrowded after the local authority have taken steps for the abatement of overcrowding.

#### Statistical Statement

The attention with regard to licences for additional land was as follows:-

1	No. of appeals to the Minister on appeal.
2	No. of proceedings.
3	No. of applications withdrawn.
4	No. of applications refused.
5	No. of licences issued.
6	No. of applications received.

In addition, one application was received for a licence to use land as a caravan camp site. This was in respect of land at the Hall Lane, Lough Rost. The licence was granted subject to four standard conditions but the applicant failed to fulfil all of these and the licence was refused on appeal. The refusal was brought into operation just at the end of the year.

The proposed camp at Hall Lane, Lough Rost, was brought into operation just at the end of the year.

STANDARD CONDITIONS.

1. In these conditions "Caravan" shall mean a Caravan which is specially designed for drawing by a private car.
2. No movable dwelling or other vehicle shall be placed on the site except a Caravan or vehicle by which such Caravan is towed.
3. No more than a stipulated number of Caravans shall be stationed on the site and each Caravan shall be sited at least 20 feet from any other Caravan on the site.
4. No erection other than the Caravan shall be made or placed on the site except with the approval of the Council.
5. The Licensee shall obtain prior approval of the Council to the lay-out of the Caravan Site.
6. A wholesome supply of water shall be provided on the Site taken from the mains of the appropriate Water Company which shall be available to the occupants of the Caravans by means of standpipes so situated that each Caravan is within 150 feet thereof.
7. The standpipes shall be properly protected against frost and shall be surrounded by an area of concrete 4 feet square and dished to a gully connected to the drainage system.
8. The Licensee shall provide W.C.'s at the rate of one to each 5 Caravans with a minimum of two for the use of the occupants of the Caravans stationed and occupied upon the site. In addition, the Licensee shall provide sufficient urinal accommodation for the use of the occupants.
9. The Licensee shall provide a drainage system constructed in accordance with the Council's Building Byelaws and connected to the public sewer. (Alternatively, shall provide a drainage system and sewage disposal plant of sufficient capacity and to the satisfaction of the Council's Senior Sanitary Inspector).
10. The Licensee shall provide in suitable positions trapped gullies connected to the drainage system to receive the waste water from the sink units in the Caravans and each gully shall be dished and curbed.
11. The Licensee shall supply British Standard Dustbins at the rate of 1 dustbin to every 2 Caravans and dustbins shall be brought to a convenient point for collection upon days to be agreed upon with the Council's Senior Sanitary Inspector.
12. The Licensee shall be responsible for keeping the site clean and tidy and free from litter.



1. In these conditions "Garvey" shall mean a Garvey which is specially designed for towing by a private car.
2. No movable dwelling or other vehicle shall be placed on the site except a Garvey or vehicle of which such Garvey is towed.
3. No more than a stipulated number of Garveys shall be stationed on the site and each Garvey shall be placed at least 20 feet from any other Garvey on the site.
4. No erection other than the Garvey shall be made or placed on the site except with the approval of the Council.
5. The Licensee shall obtain prior approval of the Council as to the layout of the Garvey site.
6. A wholesome supply of water shall be provided on the site from the water of the appropriate Water Company. There shall be available for the Garvey the Garvey by means of a supply of water as stipulated in each Garvey to which the site is attached.
7. The Licensee shall be responsible for the drainage of the site and shall be bound to a fully completed drainage system.
8. The Licensee shall provide a drainage system for the site and Garveys with a minimum of two for the use of the occupants of the Garveys situated on the site. In addition, the Licensee shall provide sufficient water accommodation for the use of the occupants.
9. The Licensee shall provide a drainage system connected in accordance with the Council's drainage system and connected to the public sewer. The Licensee shall provide a drainage system and sewer disposal plant of sufficient capacity and to the satisfaction of the Council's Sanitary Inspector.
10. The Licensee shall provide in suitable positions trapped gullies connected to the drainage system and receive the waste water from the site into the gullies and each gully shall be fitted with a trap.
11. The Licensee shall supply suitable facilities for the use of a toilet at every Garvey and dustbin shall be provided for the use of the Garvey for collection and shall be placed upon the site to the satisfaction of the Council's Sanitary Inspector.
12. The Licensee shall be responsible for keeping the site clean and tidy and free from litter.

13. The Licensee shall provide and maintain an access road from the highway to the site constructed of concrete or of hardcore or gravel or other suitable material, and also a clean access shall be provided to each caravan.
14. All drains, connections, septic tanks and cesspools shall be constructed in accordance with the Council's Building Byelaws for the time being in force and the work connected therewith shall be carried out to the satisfaction of the Council and be maintained by the Licensee in a proper sanitary condition.
15. The contents of chemical closets shall not be placed in the drainage system and the use of chemical closets in the Caravans shall not be permitted except in exceptional and extenuating circumstances.
16. No Caravan shall be used for sleeping more than a reasonable number of persons.
17. Adequate provision shall be made for fire fighting purposes.
18. The Licensee shall provide a copy of these conditions to each occupant of a Caravan on his first entry on to the site.

On the 31st December, a census showed that the following Caravans were licensed and stationed within the district.

There is evidence that there is still a steady demand for this type of temporary housing accommodation, but with the freeing of the licensing situation, we can look forward to a progressive reduction of this number, which is one less than in 1952.

<u>Parish.</u>	<u>No. of Caravans.</u>
Boughton Malherbe	-
Bicknor	-
Boxley	3
Bredhurst	1
Broomfield	5
Chart Sutton	1
Detling	4
East Sutton	1
Frinsted	-
Harrietsham	3
Headcorn	5
Hollingbourne	3
Hucking	1
Langley	2
Leeds	-
Lenham	7
Otterden	3
Stockbury	3
Sutton Valence	1
Thurnham	6
Ulcombe	3
Wichling	-
Wormshill	-





In addition, there were 15 other caravans occupied by nomads which were temporarily stationed within the district.

#### Hopper Camps.

Main water is now available to all the camps in your area and minor improvements were made to the accommodation in several instances.

As will be appreciated, the hop-picking machine is here and although we have seen nothing of it in this district as yet, from conversations with growers it would seem that the next few years may see a considerable change in the position of hop-picking time.

In addition, there were 15 other persons employed  
by persons who were temporarily stationed within the  
district.

George Gannett

Main water is now available to all the camps in town  
and many improvements were made to the accommodations  
in several instances.

As will be appreciated, the hop-picking machine is  
new and although we have seen nothing of it in this  
district as yet, from conversation with George Gannett  
it seems that the next few years may see a considerable  
increase in the position of hop-picking camp.  
BLOW 11 11  
1910

SECTION "E".

Inspection of Food.

Meat Inspection.

Every animal slaughtered in your district for human consumption is examined by your inspectors.

	<u>Shoop and Lambs.</u>	<u>Pigs.</u>
Number killed.	2	16207
Number inspected.	2	16207

All diseases except Tuberculosis.

(a) Whole carcasses condemned.	-	9
(b) Carcasses of which some part of organ was condemned.	-	3507
(c) Percentage of number inspected affected with disease other than tuberculosis.	-	21.6

Tuberculosis only.

(a) Whole carcasses condemned.	-	6
(b) Carcasses of which some part of organ was condemned.	-	416
(c) Percentage of number inspected affected with tuberculosis.	-	2.6

Weight of food condemned during  
the year.

Meat	9 tons 2 cwts. 2 qrs. 2 lbs.
Other Food	Nil.

In addition, a number of sheep and pigs' carcasses have been inspected at the request of butchers and pig clubs but no serious diseased conditions were found.

Water Supply.

Samples.

A total of 66 samples of water were submitted for examination with the following results: -

Bacteriological Examination.

Type of Water	No. of Samples	Results	
		Unsatisfactory	Satisfactory
Main	49	1	48
Raw	17	16	1



Inspection of Food

At the time of inspection, the following information should be obtained:

Inspection of Food

Every sample submitted in your district for examination is examined by your inspector.

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1942

1943

1944

1945

1946

1947

1948

1949

1950

1951

1952

1953

1954

1955

1956

1957

1958

1959

Inspection of Food

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

Inspected

Inspected

All diseases except Tuberculosis

(a) Whole carcasses condemned.

(b) Carcasses of which some part of organ was condemned.

(c) Percentage of number inspected affected with Tuberculosis.

Tuberculosis only

(a) Whole carcasses condemned.

(b) Carcasses of which some part of organ was condemned.

(c) Percentage of number inspected affected with Tuberculosis.

Weight of food condemned during

Inspected

Inspected

Inspected

In addition, a number of sheep and pigs' carcasses have been inspected at the request of inspectors and the following out of carcasses diseased conditions were found:

Water Supply

Examination

A total of 66 samples of water were submitted for examination with the following results:

Bacteriological Examination

Type of water	No. of samples	Results	
		Unsatisfactory	Satisfactory
Tap	17	10	7
Well	49	1	48

Chemical Examination.

Type of Water	No. of Samples	Results	
		Unsatisfactory	Satisfactory
Main	-	-	-
Raw	1	1	-

Carting of Water.

The Chatham Water Company is at present laying water mains in the area of Walderslade and Lidsing and the carting of water to supplement rain water will to a great extent be obviated. During the year under review eleven requests have been met and a total of 7,500 gallons supplied.

Milk and Dairies.

The number of dairymen registered on 31st December, 1953, is as follows: -

Dairies registered.	2
Distributors registered.	18

Dealers' Licences.

Pasteurised.	2
Sterilized.	4
Tuberculin Tested.	3

Supplementary Licences.

Pasteurised.	10
Sterilized.	4
Tuberculin Tested.	10

Ice Cream.

There are 30 premises in the district registered for the sale of ice cream and in addition ice cream is sold from 14 cafes and restaurants. No Ice Cream Heat Treatment plants exist in the Rural District.

Nineteen samples were taken with the following results: -

No. of Samples	Methylene Blue Test Grade
12	1
5	2
2	3

In no instance were pathogenic organisms cultivated.

Type of Water	No. of Samples	Residue	
		Organic	Inorganic
Min			
Raw	1	1	

### Capacity of Water

The Chamber Water Company is an approved water works in the area of Washington and Idaho and the carrying of water to sufficient rain water will be a great extent be obtained. During the year under review eleven requests have been made and a total of 7,500 gallons supplied.

### Wine and Cider

The number of dairymen registered on 31st December, 1925, is as follows:-

Dairymen registered 12  
Distributors registered 12

### Dairymen's Licenses

Issued 12  
Renewed 12  
Expired 12

### Wholesale Licenses

Issued 10  
Renewed 10  
Expired 10

### Ice Cream

There are 10 licenses in the district registered for the sale of ice cream and in addition 100 more in the form of sales and restaurants. No ice cream has been produced since the end of the last season.

Kindred samples were taken with the following results:-

No. of Samples	Test Results
12	12
12	12
12	12

In no instance were pathological organisms discovered.



## Food Hygiene.

### Clean Food Campaign.

The premises in the Rural District in which food is prepared, served and sold are as follows: -

Cafes and Restaurants	15
Residential Hotel	1
Roadhouse	1
Public Houses serving meals	3
Public Houses not serving meals	57

Encouraging progress has been made in the improvement of food shops, cafes and restaurants but there is room for further progress. Some shopkeepers and cafe proprietors are keen and anxious to secure a high standard of cleanliness, but in other cases, there is a lack of elementary precautions.

The number of premises registered under the Food and Drugs Act, Section 14, are as follows: -

(i) For the sale and storage of ice cream.	30
(ii) Preparation or manufacture of sausages, or potted, pickled, pressed or preserved food intended for sale.	3
(iii) Number of Dairies registered under Milk and Dairies Regulations, 1949.	2

### Disposal of Condemned Food.

The condemned food from licensed slaughterhouses is in most cases collected by the Sheppey Glue Works, Queenborough. Small quantities of condemned food are disposed of by incineration, either at the Maidstone Borough Destructor or in the furnace at the Lenham Bacon Factory.

### Food Sampling.

In addition to the inspection and sampling carried out by your officers, the sampling officers of the County Council also take regular samples of all types of food and, as these are of interest, I am including a list supplied by the Chief Inspector of Weights and Measures.

<u>Article.</u>	<u>No.</u>
Antiseptic Iodised Throat Tablets.	1
Antiseptic Throat Sweets.	1
Baking Powder.	1
Butter.	1
Cod Liver Oil.	1
Coffee and Chicory Essence.	1
Cold Capsules.	1
Carried Forward	7

The premises in the Rural District in which food is prepared, served and sold are as follows:

10	Cafes and Restaurants
1	Restaurants
1	Hotels
1	Public Houses serving meals
1	Public Houses not serving meals

Inspection of premises has been made in the Rural District of food shops, cafes and restaurants but there is no further progress. Some shops and cafes are not up to the standard of health and safety to which a high standard of cleanliness, but in other cases, there is a lack of cleanliness.

The number of premises registered under the Food and Drugs Act, 1938, is as follows:

10	(i) For the sale and storage of food
1	(ii) Preparation or manufacture of food, or packing, or bottling, or canning, or preserving food
1	(iii) Sale of food for consumption

Control of Condensed Food

The condensed food from licensed manufacturers is in most cases collected by the Ministry of Health. Small quantities of condensed food are disposed of by inspection, either at the Ministry of Health or in the premises of the London Food Factory.

Food Sampling

In addition to the inspection and sampling of food by your officers, the sampling of food is also done by the Ministry of Health. Small quantities of food are disposed of by inspection, either at the Ministry of Health or in the premises of the London Food Factory.

10	Antiseptic Liquid
1	Antiseptic Powder
1	Baking Powder
1	Butter
1	Cod Liver Oil
1	Coffee and Cocoa
1	Gold Leaf

Controlled Food

<u>Article.</u>	<u>No.</u>
Brought Forward	7
Cooking Fat.	2
Cough Syrup.	1
Cut Mixed Peel.	1
Demerara Sugar.	1
Drinking Chocolate.	1
Glycerine.	1
Head and Stomach Pills.	1
Ice Cream.	1
Meat Pudding.	1
Medium Butter Beans.	1
Milk.	21
Mixed Fruit.	1
Pearl Barley.	1
Pork Brawn.	1
Pork Sausages.	1
Salad Cream.	1
Sauce.	1
Small Butter Beans.	1
Tea.	2
Whisky.	3
	—
<u>Total</u>	<u>51</u>

Summary

Milks	21
Drugs	7
Spirits	3
Other	
Samples	20
	—
	51
	—

All the above samples were genuine with the exception of the following: -

<u>Article.</u>	<u>Analysis.</u>	<u>Remarks.</u>
Milk	4.4% added water.	Producer cautioned. Further samples satisfactory.
Milk	4.6% added water.	Producer cautioned. Further samples satisfactory.
Milk	7.5% deficient in fat.	Passed to Maidstone Health Department for further investigation as producer is resident in Maidstone.



Brandy Forward

Whisky	1.00
Tea	1.00
Small butter beans	1.00
Sauce	1.00
Salted Green	1.00
Port Sausages	1.00
Port Beans	1.00
Teat Butter	1.00
Mixed Fruits	1.00
Min.	1.00
Medium butter beans	1.00
Meat Fodder	1.00
Ice Cream	1.00
Meat and Stomach Pills	1.00
Glycerine	1.00
Prinking Chocolate	1.00
Domestic Sugar	1.00
Old Mixed Lard	1.00
Good Syrup	1.00
Gooding Fat	1.00

Total

10

Summary

Whisky	1.00
Tea	1.00
Small butter beans	1.00
Sauce	1.00
Salted Green	1.00
Port Sausages	1.00
Port Beans	1.00
Teat Butter	1.00
Mixed Fruits	1.00
Min.	1.00
Medium butter beans	1.00
Meat Fodder	1.00
Ice Cream	1.00
Meat and Stomach Pills	1.00
Glycerine	1.00
Prinking Chocolate	1.00
Domestic Sugar	1.00
Good Syrup	1.00
Gooding Fat	1.00

All the above samples were genuine with the exception of the following:

Sample	Analysis	Remarks
Whisky	1.00 added water	Produced analysed. Further samples. Satisfactory.
Whisky	1.00 added water	Produced analysed. Further samples. Satisfactory.
Whisky	1.00 added water	Produced analysed. Further samples. Satisfactory.

## Pest Control.

The result of the use of Warfarin is, I think, reflected in the year's working. Inspections and surveys of premises show a small increase on the figures for 1952, but infestations found and treated are considerably less. This would indicate that, as anticipated, more inspections and surveys are possible with the use of this poison. Furthermore, the fewer infestations found points to a lessening of the rodent population in your district and it is certainly the view of myself and your operator that in fact the position has improved at least as much as this report would indicate.

There is, of course, more to it than just the use of Warfarin. Another equally telling point is the free service to occupants of dwellings in the district. Before this service was introduced, many residents went to great pains to show that their premises were "clear", including the baiting of the premises prior to our arrival on the scene (our appearance on this work in a village was the signal to them to make some effort), and whilst it may be thought that this was a good thing, in fact generally the opposite was the case, because when we reached premises that had been treated we found probably the job had only been half done, and what is worse "bait prejudice" had been established. This meant a more difficult job to clear the premises and in consequence more time spent on each job. Today, of course, we get the fullest possible co-operation from residents. One further point is that many more occupiers of business premises are making use of this poison and there is general satisfaction with the results obtained.

The Summary of the work done is given below, and compared with 1950, 1951 and 1952.

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Number of visits made for all purposes, including survey and treatment.	2564	3097	3384	3424
Number of premises surveyed.	1099	1147	1850	1993
Number of infestations found.	296	403	545	485
Number of infestations treated.	259	406	537	462

To conclude, I should like to express my appreciation of the help and co-operation afforded me during the year by the whole of my Staff.

I am, Ladies and Gentlemen,  
Your obedient Servant,

CHAS. W. PAGE.

Surveyor and Senior Sanitary  
Inspector.

...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
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 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...

There is, of course, much to be learned from the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
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 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...

The summary of the work done is given below, and  
 compared with 1950, 1951 and 1952.

1951	1952	1953	1954	1955
Number of visits made for of purposes, including survey and treatment	2084	2007	2084	2084
Number of patients surveyed	1000	1100	1100	1100
Number of infections found	400	400	400	400
Number of infections treated	400	400	400	400

So concludes I think the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...

I am, Sir, very truly,  
 Yours faithfully,  
 ...the results of the work done in the past...

...the results of the work done in the past...  
 ...the results of the work done in the past...  
 ...the results of the work done in the past...  
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 ...the results of the work done in the past...



# SECTION "F".

## Prevalence of, and Control Over, Infectious Disease.

In 1953, the only notifiable disease to reach large proportions was measles, of which infection 390 cases were reported, but the disease was happily not of a severe type. One case required admission to hospital but this was on account of the home conditions and not because of the severity of the disease. It is interesting to note that all but 22 of these cases were children under 10 years and the heaviest incidence between the ages of 3 and 9. It would seem probable that in many villages which had been comparatively free of measles for some time, there was a large proportion of children who were susceptible. Three cases of polio-myelitis were reported in the year and I am glad to report that there were no deaths from this disease. Food poisoning was again absent, but I must again emphasise that constant care and vigilance is necessary if the risk of food poisoning is to be eliminated.

In the following Tables, I give details of the notification of infectious diseases and the Tables showing the number of children immunised against diphtheria and vaccinated against small-pox during the year, with a Table showing the number of children, under 15 years of age on December 31st, 1953, who had completed a course of immunisation at any time before that date, i.e. at any time since January 1st, 1939. These Tables have been kindly supplied to me by the County Medical Officer, but again I would stress that the fact that there were no cases of diphtheria in the Rural District during the year is the proof of the value of immunisation and that every effort should be made to see that the high level of immunisation is maintained, lest the great advantage which has been gained for the community should be lost through apathy.

The Notifications of Infectious Disease, other than Tuberculosis, during 1953, were as follows: -

Disease	Total of cases notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever	8	-	-
Diphtheria	-	-	-
Measles	390	1	-
Erysipelas	1	1	-
Puerperal Pyrexia	1	-	-
Pneumonia	4	-	5
Dysentery	-	-	-
Whooping Cough	14	-	-
Acute Anterior Polio-myelitis	3	3	-
Food Poisoning	-	-	-
Chicken-Pox	-	-	-
Anthrax	-	-	-
Totals	421	5	5

Prevalence of and Control Over Infectious Diseases

In 1933, the only notified disease known to have been reported was measles, of which infection 200 cases were reported, but this disease was reported not as a severe type. One case reported infection in hospital but this was on account of the poor conditions and not because of the severity of the disease. It is interesting to note that all but 22 of these cases were children under 10 years of age. The prevalence statistics between the years of 1932 and 1933 would seem to indicate that in many villages which had been comparatively free of measles for some time, there was a large proportion of children who were susceptible. These cases of measles were reported in the year and I am glad to report that there were no deaths from this disease. Food poisoning was again reported, but I was again satisfied that adequate care and vigilance is necessary in the risk of food poisoning to be eliminated.

In the following tables, I give details of the notification of infectious diseases and the tables showing the number of children immunized against diphtheria and vaccination against small-pox during the year with a table showing the number of children, under 15 years of age, on the basis of 1933, we had completed a survey of immunization of my little school, I. at any time since January 1st, 1933. These tables have been kindly supplied to me by the County Medical Officer but again I would stress that the fact that there were no cases of diphtheria in the school district during the year is the proof of the value of immunization and that every effort should be made to maintain the high level of immunization is maintained. Last year great advantage which has been gained for the community should be lost through apathy.

The Notification of Infectious Diseases, other than Tuberculosis, during 1933, was as follows:-

Disease	Total of cases notified	Cases notified in hospital	Deaths
Scarlet Fever	0	-	-
Diphtheria	0	-	-
Measles	200	1	-
Erysipelas	1	-	-
Wound Infection	1	-	-
Scarlet	1	-	-
Throat Infection	1	-	-
Whooping Cough	1	-	-
Acute Arthritis	1	-	-
Typhoid	1	-	-
Food Poisoning	1	-	-
Cholera	1	-	-
Enteric	1	-	-
Total	207	2	0



Immunisation against Diphtheria and Vaccination  
against Smallpox, 1953.

The following is a return of (A) the number of children resident in the Rural District of Hollingbourn who were immunised against Diphtheria and (B) the number of persons who were vaccinated against smallpox, during the year ended 31st December, 1953: -

(A) Diphtheria Immunisation.

Year of Birth	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	Total
Primary Inoculations	13	147	10	5	5	4	5	1	-	3	1	1	-	-	-	195
Reinforcing Inoculations	-	-	-	-	4	68	26	45	16	21	19	1	1	-	2	203

(B) Vaccination.

Year of Births	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	Before 1939	Total
Primary Vaccination	109	40	4	2	4	1	1	-	1	-	1	1	-	-	-	10	174
Re-Vaccination	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	25	27



$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

Immunisation Against Diphtheria, 1953.

The following is a return of the number of children under the age of 15 years on 31st December, 1953, who had completed a course of immunisation at any time before that date (i.e. at any time since 1st January, 1939).

Year of Birth	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	Total
Last complete course of injections (whether primary or booster) 1949-1953.	92	73	80	94	125	126	91	167	140	207	191	164	163	164	13	1890
1948 or earlier.	23	42	13	37	49	66	59	18	62	-	-	-	-	-	-	369





Below is an analysis of the deaths from malignant diseases according to age groups. No information is available as to the incidence of cancer in any particular occupation.

Deaths from Cancer during 1953.

Under Age Groups.

<u>Age.</u>	<u>Male.</u>	<u>Female.</u>
0 - 1	-	-
1 - 5	-	-
5 - 15	-	-
15 - 25	-	-
25 - 35	-	1
35 - 45	1	1
45 - 55	4	-
55 - 65	3	1
65 and over	12	10
	<hr/>	<hr/>
<u>Totals</u>	20	13
	<hr/>	<hr/>

Ophthalmia Neonatorum.

(i) Total number of cases notified during the year.	Nil
(ii) Number of cases in which: -	
(a) Vision lost.	Nil
(b) Vision impaired.	Nil
(c) Treatment continuing at end of year.	Nil

Below is an analysis of the cases from 1950 to 1959. The information is available as to the location of cases in any particular year.

# Table 1 - Cases from 1950 to 1959

## Table 1 - Cases from 1950 to 1959

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
0 - 1	-	-	-	-	-	-	-	-	-	-
1 - 2	-	-	-	-	-	-	-	-	-	-
3 - 4	-	-	-	-	-	-	-	-	-	-
5 - 6	-	-	-	-	-	-	-	-	-	-
7 - 8	-	-	-	-	-	-	-	-	-	-
9 - 10	-	-	-	-	-	-	-	-	-	-
11 - 12	-	-	-	-	-	-	-	-	-	-
13 - 14	-	-	-	-	-	-	-	-	-	-
15 - 16	-	-	-	-	-	-	-	-	-	-
17 - 18	-	-	-	-	-	-	-	-	-	-
19 - 20	-	-	-	-	-	-	-	-	-	-
21 and over	-	-	-	-	-	-	-	-	-	-
Total	10	10	10	10	10	10	10	10	10	10

## Table 2 - Cases from 1950 to 1959

(1) Total number of cases reported during the year	(2) Number of cases in which:
NI	(a) Victim lost
NI	(b) Victim injured
NI	(c) Victim killed
NI	(d) at risk of death

### Tuberculosis.

No action was taken in 1952 under the Public Health (prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

Below is a Table showing the new cases of Tuberculosis reported during the year and the mortality from this disease.

Age Periods	New Cases				Deaths			
	Pulmonary M. F.		Non-Pulmonary M. F.		Pulmonary M. F.		Non-Pulmonary M. F.	
0 - 1	-	-	-	-	-	-	-	-
1 - 5	1	-	-	-	-	-	-	-
5 - 15	-	-	-	-	-	-	-	-
15 - 25	-	-	-	-	-	-	-	-
25 - 35	-	-	-	1	-	-	-	-
35 - 45	-	-	-	-	-	-	-	-
45 - 55	1	-	-	-	-	-	-	-
55 - 65	-	-	-	-	2	-	-	-
65 and over	-	-	-	-	1	-	-	-
Totals	2	-	-	1	3	-	-	-

The number of deaths from all forms of Tuberculosis which had been notified was 2. The number which had not been notified was 1.

The Chest Physician for the area, Dr. D. L. Pugh, has kindly supplied me with information as to the preventive care and after-care measures which are in operation in the Mid-Kent area. The figures relate to the area which is served by the Chest Clinic in Maidstone, which is approximately the area of the four Authorities for which I am Medical Officer of Health. The figures quoted below give the number of patients diagnosed as suffering from tuberculosis, and the results of the investigation of contacts of these cases, in the five years 1949-1953. These figures show that of the known contacts 58.5% were examined and of those investigated 5.25% were diagnosed as being tuberculous.



The number of cases from all forms of tuberculosis which had been notified was 1,235. The number of cases from all forms of tuberculosis which had been notified was 1,235. The number of cases from all forms of tuberculosis which had been notified was 1,235.

Total	New Cases		Total	
	Primary	Non-Primary	Primary	Non-Primary
1 - 10	1	1	1	1
11 - 20	1	1	1	1
21 - 30	1	1	1	1
31 - 40	1	1	1	1
41 - 50	1	1	1	1
51 - 60	1	1	1	1
61 - 70	1	1	1	1
71 - 80	1	1	1	1
81 - 90	1	1	1	1
91 - 100	1	1	1	1
Over 100	1	1	1	1
Total	10	10	10	10

The number of cases from all forms of tuberculosis which had been notified was 1,235. The number of cases from all forms of tuberculosis which had been notified was 1,235. The number of cases from all forms of tuberculosis which had been notified was 1,235.

Year	Persons diagnosed as tuberculous	Number of known contacts	Number of contacts examined	Contacts diagnosed tuberculous
1949	141	201	89	10
1950	108	209	110	4
1951	102	231	105	7
1952	139	227	164	2
1953	123	179	145	9

If, after treatment, it is possible for a patient to return, with safety, to his previous employment, that is the policy which is followed. If, however, that particular employment should prove to be inadvisable, or unsuitable for the patient on his recovery, every effort is made to help him to find suitable occupation, through the good offices of the Disablement Resettlement Officer, Ministry of Labour, and in some cases it is possible to arrange that the patient should have a course of training, to fit him for work more appropriate to his condition. No tuberculous patient would, of course, be allowed to work where there was milk or food to be handled and I have had no experience of a sputum-positive case refusing to leave his work and thus become a danger to his fellow employees, but should such a position arise, steps would be taken to endeavour to protect such fellow-workers.

In the tracing and following-up of contacts of known cases and of deaths certified as being due to tuberculosis, but not previously notified, the Health Visitor visits the household and contacts are called to the Chest Clinic for examination.

During the period 7.9.53. to 28.9.53., the Mass Radiography Unit No. 7B. was sited in Maidstone and a large number of volunteers from industrial concerns and from the general public attended. A summary of the results is given below. These figures also relate to the Mid-Kent area as the Mass Radiography Unit dealt with volunteers from Maidstone and the adjacent Rural Districts.





	Examined	Active tuberculosis	Inactive tuberculosis	Carcinoma of lung
<u>Volunteers from Industries.</u>				
Male.	4617	6	126	1
Female.	3511	4	55	-
<u>Volunteers from General Public.</u>				
Male.	2114	2	43	1
Female	3501	4	76	-
Totals	13743	16	300	2

Volunteers from General Public		Volunteers from General Public		Volunteers from General Public	
Male	2114	2114	2114	2114	2114
Female	2001	2001	2001	2001	2001
Male	2114	2114	2114	2114	2114
Female	2001	2001	2001	2001	2001
Male	2114	2114	2114	2114	2114
Female	2001	2001	2001	2001	2001
Male	2114	2114	2114	2114	2114
Female	2001	2001	2001	2001	2001

Total Deaths 1953.

<u>Causes of Death</u>	<u>Male</u>	<u>Female</u>
1. Tuberculosis, respiratory.	3	-
2. Tuberculosis, other.	-	-
3. Syphilitic disease.	-	-
4. Diphtheria.	-	-
5. Whooping Cough.	-	-
6. Meningococcal infections.	-	-
7. Acute Polio-myelitis.	-	-
8. Measles.	-	1
9. Other infective and parasitic diseases.	-	-
10. Malignant neoplasm, stomach.	4	3
11. Malignant neoplasm, lung, bronchus.	4	1
12. Malignant neoplasm, breast.	-	1
13. Malignant neoplasm, uterus.	-	2
14. Other malignant and lymphatic neoplasm.	12	6
15. Leukaemia, aleukaemia.	-	1
16. Diabetes.	1	1
17. Vascular lesions of nervous system.	6	20
18. Coronary disease, angina.	13	7
19. Hypertension with heart disease.	-	3
20. Other heart disease.	3	17
21. Other circulatory disease.	10	4
22. Influenza.	1	4
23. Pneumonia.	3	2
24. Bronchitis.	2	3
25. Other diseases of respiratory system.	-	-
26. Ulcer of stomach and duodenum.	1	1
27. Gastritis, enteritis and diarrhoea.	-	-
28. Nephritis and nephrosis.	3	2
29. Hyperplasia of prostate.	-	-
30. Pregnancy, childbirth, abortion.	-	1
31. Congenital Malformations.	-	-
32. Other defined and ill-defined diseases.	8	10
33. Motor vehicle accidents.	7	2
34. All other accidents.	1	4
35. Suicide.	-	-
36. Homicide and operations of war.	-	-
	-	-
<u>Totals</u>	82	96
	<u>=</u>	<u>=</u>



Summary of Results

1	Respiratory system	10
2	Cardiovascular system	15
3	Digestive system	12
4	Genitourinary system	8
5	Endocrine system	5
6	Immune system	3
7	Other systems	2
8	Total	55

Birth Rate, Death Rate and Analysis of Mortality for 1953.

England & Wales 160 County Boroughs and Great Towns (including London) 160 Smaller Towns (Resident Popula- tion 25,000 - 50,000 at 1951 Census) London Administra- tive County Hillingbourn R.D.C.	Rate per 1,000 of Popln.		Annual Death Rate per 1,000 Population.										Rate per 1,000 live Births.	
	Live Births	Still Births	All Causes	Typhoid and Paratyphoid Fevers	Whooping Cough	Polio-myelitis	Smallpox	Measles	Diphtheria	Tuberculosis	Influenza	Diarrhoea and Enteritis under 2 years	Total deaths under 1 year	
	15.5	22.4	11.4	0.01	3.58	0.07	0.00	12.36	0.01	0.20	0.16	1.1	23.8	
	17.0	24.8	12.2	0.01	3.72	0.06	0.00	11.27	0.01	0.24	0.15	1.3	30.8	
	15.7	21.4	11.3	0.01	3.72	0.06	0.00	12.32	0.01	0.19	0.17	0.9	24.3	
	17.5	21.0	12.5	0.01	3.30	0.07	-	8.09	0.00	0.24	0.15	1.1	24.8	
	15.03	24.59	8.43	-	-	-	-	0.06	-	0.18	0.301	-	24.59	





Maternal Mortality in England and Wales

Intermediate List No. and Cause	No. of Deaths	Rates per 1,000 total of Births (Live & Still)	Rates per million women aged 15-44
A115 Sepsis of pregnancy, childbirth and the puerperium.	68	0.10	
A116 Abortion with toxaemia.	7	0.01	1
Other toxaemias of pregnancy and the puerperium.	166	0.24	
A117 Haemorrhage of pregnancy and childbirth.	90	0.13	
A118 Abortion without mention of sepsis or toxaemia.	30	0.04	3
A119 Abortion with sepsis.	39	0.06	4
A120 Other complications of pregnancy, childbirth and the puerperium.	125	0.18	

Hollingbourn Rural District.

	<u>Puerperal</u> <u>Infections</u>	<u>Others</u>	<u>Total</u>
Per 1,000 Total Births.	Nil.	4.09	4.09

# INTERMEDIATE LIST

Intermediate List No. and Name	No. of Lessons	Rate per Lesson	Total
4110 Eggs of pregnancy, embryo and the	60	0.10	
4111 Abortion with	7	0.05	
4112 Other contents of pregnancy and the	100	0.05	
4113 Knowledge of pregnancy and embryo	60	0.05	
4114 Abortion without	30	0.04	
4115 Abortion with eggs	30	0.05	
4116 Other complications of pregnancy and embryo	100	0.05	

## ILLUSTRATIONS

Illustrations	Costs	Total
411	1.00	1.00

See 1,000 Total

Infantile Mortality 1953.

Cause of Death	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 4 Weeks	4 Weeks and under 3 Months	3-6 Months	6-9 Months	9-12 Months	Total deaths under 1 year.
Measles	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-
Menigitis (Non-tubercular)	-	-	-	-	-	-	-	-	-	-
Enteritis	-	-	-	-	-	-	-	-	-	-
Bronchitis	-	-	-	-	-	-	-	-	-	-
Pneumonia	-	-	-	-	-	-	-	-	-	-
Diarrhoeal Diseases	-	-	-	-	-	-	-	-	-	-
Syphilis	-	-	-	-	-	-	-	-	-	-
Rickets	-	-	-	-	-	-	-	-	-	-
Suffocation (Over-laying)	-	-	-	-	-	-	-	-	-	-
Injury at Birth	-	-	-	-	-	-	-	-	-	-
Atelactasis	1	-	-	-	1	-	-	-	-	1
Congenital Malformation	-	-	-	-	-	-	-	-	-	-
Premature Birth	-	-	-	-	-	-	-	-	-	-
Atrophy or Debility	-	-	-	-	-	-	-	-	-	-
Marasmus	-	-	-	-	-	-	-	-	-	-
Other Causes	2	-	-	-	2	-	-	1	-	3
Totals	3	-	-	-	3	-	-	1	-	4

The above deaths occurred in the following Parishes: -

Hollingbourne.

Boxley.

Sutton Valence.

2

1

1



Table of Results									
Number of cases	Number of deaths	Number of recoveries	Number of cures	Number of relapses	Number of complications	Number of sequelae	Number of chronic cases	Number of acute cases	Number of subacute cases
100	10	90	80	10	5	5	10	90	10
200	20	180	160	20	10	10	20	180	20
300	30	270	240	30	15	15	30	270	30
400	40	360	320	40	20	20	40	360	40
500	50	450	400	50	25	25	50	450	50
600	60	540	480	60	30	30	60	540	60
700	70	630	560	70	35	35	70	630	70
800	80	720	640	80	40	40	80	720	80
900	90	810	720	90	45	45	90	810	90
1000	100	900	800	100	50	50	100	900	100
1100	110	990	880	110	55	55	110	990	110
1200	120	1080	960	120	60	60	120	1080	120
1300	130	1170	1040	130	65	65	130	1170	130
1400	140	1260	1120	140	70	70	140	1260	140
1500	150	1350	1200	150	75	75	150	1350	150
1600	160	1440	1280	160	80	80	160	1440	160
1700	170	1530	1360	170	85	85	170	1530	170
1800	180	1620	1440	180	90	90	180	1620	180
1900	190	1710	1520	190	95	95	190	1710	190
2000	200	1800	1600	200	100	100	200	1800	200
2100	210	1890	1680	210	105	105	210	1890	210
2200	220	1980	1760	220	110	110	220	1980	220
2300	230	2070	1840	230	115	115	230	2070	230
2400	240	2160	1920	240	120	120	240	2160	240
2500	250	2250	2000	250	125	125	250	2250	250
2600	260	2340	2080	260	130	130	260	2340	260
2700	270	2430	2160	270	135	135	270	2430	270
2800	280	2520	2240	280	140	140	280	2520	280
2900	290	2610	2320	290	145	145	290	2610	290
3000	300	2700	2400	300	150	150	300	2700	300
3100	310	2790	2480	310	155	155	310	2790	310
3200	320	2880	2560	320	160	160	320	2880	320
3300	330	2970	2640	330	165	165	330	2970	330
3400	340	3060	2720	340	170	170	340	3060	340
3500	350	3150	2800	350	175	175	350	3150	350
3600	360	3240	2880	360	180	180	360	3240	360
3700	370	3330	2960	370	185	185	370	3330	370
3800	380	3420	3040	380	190	190	380	3420	380
3900	390	3510	3120	390	195	195	390	3510	390
4000	400	3600	3200	400	200	200	400	3600	400
4100	410	3690	3280	410	205	205	410	3690	410
4200	420	3780	3360	420	210	210	420	3780	420
4300	430	3870	3440	430	215	215	430	3870	430
4400	440	3960	3520	440	220	220	440	3960	440
4500	450	4050	3600	450	225	225	450	4050	450
4600	460	4140	3680	460	230	230	460	4140	460
4700	470	4230	3760	470	235	235	470	4230	470
4800	480	4320	3840	480	240	240	480	4320	480
4900	490	4410	3920	490	245	245	490	4410	490
5000	500	4500	4000	500	250	250	500	4500	500
5100	510	4590	4080	510	255	255	510	4590	510
5200	520	4680	4160	520	260	260	520	4680	520
5300	530	4770	4240	530	265	265	530	4770	530
5400	540	4860	4320	540	270	270	540	4860	540
5500	550	4950	4400	550	275	275	550	4950	550
5600	560	5040	4480	560	280	280	560	5040	560
5700	570	5130	4560	570	285	285	570	5130	570
5800	580	5220	4640	580	290	290	580	5220	580
5900	590	5310	4720	590	295	295	590	5310	590
6000	600	5400	4800	600	300	300	600	5400	600
6100	610	5490	4880	610	305	305	610	5490	610
6200	620	5580	4960	620	310	310	620	5580	620
6300	630	5670	5040	630	315	315	630	5670	630
6400	640	5760	5120	640	320	320	640	5760	640
6500	650	5850	5200	650	325	325	650	5850	650
6600	660	5940	5280	660	330	330	660	5940	660
6700	670	6030	5360	670	335	335	670	6030	670
6800	680	6120	5440	680	340	340	680	6120	680
6900	690	6210	5520	690	345	345	690	6210	690
7000	700	6300	5600	700	350	350	700	6300	700
7100	710	6390	5680	710	355	355	710	6390	710
7200	720	6480	5760	720	360	360	720	6480	720
7300	730	6570	5840	730	365	365	730	6570	730
7400	740	6660	5920	740	370	370	740	6660	740
7500	750	6750	6000	750	375	375	750	6750	750
7600	760	6840	6080	760	380	380	760	6840	760
7700	770	6930	6160	770	385	385	770	6930	770
7800	780	7020	6240	780	390	390	780	7020	780
7900	790	7110	6320	790	395	395	790	7110	790
8000	800	7200	6400	800	400	400	800	7200	800
8100	810	7290	6480	810	405	405	810	7290	810
8200	820	7380	6560	820	410	410	820	7380	820
8300	830	7470	6640	830	415	415	830	7470	830
8400	840	7560	6720	840	420	420	840	7560	840
8500	850	7650	6800	850	425	425	850	7650	850
8600	860	7740	6880	860	430	430	860	7740	860
8700	870	7830	6960	870	435	435	870	7830	870
8800	880	7920	7040	880	440	440	880	7920	880
8900	890	8010	7120	890	445	445	890	8010	890
9000	900	8100	7200	900	450	450	900	8100	900
9100	910	8190	7280	910	455	455	910	8190	910
9200	920	8280	7360	920	460	460	920	8280	920
9300	930	8370	7440	930	465	465	930	8370	930
9400	940	8460	7520	940	470	470	940	8460	940
9500	950	8550	7600	950	475	475	950	8550	950
9600	960	8640	7680	960	480	480	960	8640	960
9700	970	8730	7760	970	485	485	970	8730	970
9800	980	8820	7840	980	490	490	980	8820	980
9900	990	8910	7920	990	495	495	990	8910	990
10000	1000	9000	8000	1000	500	500	1000	9000	1000

The above results are given in the following table:

Table of Results

Table of Results

Table of Results

Deaths Per Month in each Parish.

Month	Boxloy	Headcorn	Wormshill	Lenham	Bredhurst	Frintsted	Leeds and Broomfield	Thurnham	Otterden	Boughton Malherbe	Detling	Bicknor	Hollingbourne	East Sutton	Chart Sutton	Wychling	Hawkenbury	Stockbury	Langley	Harrietsham	Ulcombe	Sutton Valence	Total
January	1	2	-	1	-	-	1	-	-	-	-	-	1	2	1	-	-	-	-	1	-	3	13
February	4	1	-	3	-	-	3	3	1	-	3	-	1	-	-	-	-	1	-	2	-	2	24
March	3	1	-	3	-	2	2	2	-	-	-	-	3	1	-	-	-	-	-	3	-	1	21
April	1	1	-	2	-	-	3	-	-	-	1	-	1	-	1	-	-	2	-	-	-	-	12
May	2	2	-	1	-	-	-	1	-	1	1	-	-	1	-	-	-	-	-	1	-	1	11
June	1	3	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	9
July	1	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
August	2	2	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	1	1	1	9
September	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	5
October	-	2	-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	6
November	-	2	-	2	-	-	2	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	9
December	1	1	1	1	-	-	1	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	8
Transfers	4	6	-	7	1	-	3	2	1	1	2	-	5	-	-	-	-	2	1	6	1	4	46
Totals	20	24	2	25	1	2	17	13	3	2	7	-	15	5	2	1	-	5	2	16	2	14	178

MAY 1914											
DATE	DESCRIPTION	AMOUNT	DEBIT	CREDIT	BALANCE	DATE	DESCRIPTION	AMOUNT	DEBIT	CREDIT	BALANCE
1	Balance				100.00	1	Balance				100.00
2	John Doe	5.00			95.00	2	John Doe	5.00			95.00
3	John Doe	10.00			85.00	3	John Doe	10.00			85.00
4	John Doe	15.00			70.00	4	John Doe	15.00			70.00
5	John Doe	20.00			50.00	5	John Doe	20.00			50.00
6	John Doe	25.00			25.00	6	John Doe	25.00			25.00
7	John Doe	30.00				7	John Doe	30.00			
8	John Doe	35.00				8	John Doe	35.00			
9	John Doe	40.00				9	John Doe	40.00			
10	John Doe	45.00				10	John Doe	45.00			
11	John Doe	50.00				11	John Doe	50.00			
12	John Doe	55.00				12	John Doe	55.00			
13	John Doe	60.00				13	John Doe	60.00			
14	John Doe	65.00				14	John Doe	65.00			
15	John Doe	70.00				15	John Doe	70.00			
16	John Doe	75.00				16	John Doe	75.00			
17	John Doe	80.00				17	John Doe	80.00			
18	John Doe	85.00				18	John Doe	85.00			
19	John Doe	90.00				19	John Doe	90.00			
20	John Doe	95.00				20	John Doe	95.00			
21	John Doe	100.00				21	John Doe	100.00			
22	John Doe	105.00				22	John Doe	105.00			
23	John Doe	110.00				23	John Doe	110.00			
24	John Doe	115.00				24	John Doe	115.00			
25	John Doe	120.00				25	John Doe	120.00			
26	John Doe	125.00				26	John Doe	125.00			
27	John Doe	130.00				27	John Doe	130.00			
28	John Doe	135.00				28	John Doe	135.00			
29	John Doe	140.00				29	John Doe	140.00			
30	John Doe	145.00				30	John Doe	145.00			
31	John Doe	150.00				31	John Doe	150.00			
32	John Doe	155.00				32	John Doe	155.00			
33	John Doe	160.00				33	John Doe	160.00			
34	John Doe	165.00				34	John Doe	165.00			
35	John Doe	170.00				35	John Doe	170.00			
36	John Doe	175.00				36	John Doe	175.00			
37	John Doe	180.00				37	John Doe	180.00			
38	John Doe	185.00				38	John Doe	185.00			
39	John Doe	190.00				39	John Doe	190.00			
40	John Doe	195.00				40	John Doe	195.00			
41	John Doe	200.00				41	John Doe	200.00			
42	John Doe	205.00				42	John Doe	205.00			
43	John Doe	210.00				43	John Doe	210.00			
44	John Doe	215.00				44	John Doe	215.00			
45	John Doe	220.00				45	John Doe	220.00			
46	John Doe	225.00				46	John Doe	225.00			
47	John Doe	230.00				47	John Doe	230.00			
48	John Doe	235.00				48	John Doe	235.00			
49	John Doe	240.00				49	John Doe	240.00			
50	John Doe	245.00				50	John Doe	245.00			
51	John Doe	250.00				51	John Doe	250.00			
52	John Doe	255.00				52	John Doe	255.00			
53	John Doe	260.00				53	John Doe	260.00			
54	John Doe	265.00				54	John Doe	265.00			
55	John Doe	270.00				55	John Doe	270.00			
56	John Doe	275.00				56	John Doe	275.00			
57	John Doe	280.00				57	John Doe	280.00			
58	John Doe	285.00				58	John Doe	285.00			
59	John Doe	290.00				59	John Doe	290.00			
60	John Doe	295.00				60	John Doe	295.00			
61	John Doe	300.00				61	John Doe	300.00			
62	John Doe	305.00				62	John Doe	305.00			
63	John Doe	310.00				63	John Doe	310.00			
64	John Doe	315.00				64	John Doe	315.00			
65	John Doe	320.00				65	John Doe	320.00			
66	John Doe	325.00				66	John Doe	325.00			
67	John Doe	330.00				67	John Doe	330.00			
68	John Doe	335.00				68	John Doe	335.00			
69	John Doe	340.00				69	John Doe	340.00			
70	John Doe	345.00				70	John Doe	345.00			
71	John Doe	350.00				71	John Doe	350.00			
72	John Doe	355.00				72	John Doe	355.00			
73	John Doe	360.00				73	John Doe	360.00			
74	John Doe	365.00				74	John Doe	365.00			
75	John Doe	370.00				75	John Doe	370.00			
76	John Doe	375.00				76	John Doe	375.00			
77	John Doe	380.00				77	John Doe	380.00			
78	John Doe	385.00				78	John Doe	385.00			
79	John Doe	390.00				79	John Doe	390.00			
80	John Doe	395.00				80	John Doe	395.00			
81	John Doe	400.00				81	John Doe	400.00			
82	John Doe	405.00				82	John Doe	405.00			
83	John Doe	410.00				83	John Doe	410.00			
84	John Doe	415.00				84	John Doe	415.00			
85	John Doe	420.00				85	John Doe	420.00			
86	John Doe	425.00				86	John Doe	425.00			
87	John Doe	430.00				87	John Doe	430.00			
88	John Doe	435.00				88	John Doe	435.00			
89	John Doe	440.00				89	John Doe	440.00			
90	John Doe	445.00				90	John Doe	445.00			
91	John Doe	450.00				91	John Doe	450.00			
92	John Doe	455.00				92	John Doe	455.00			
93	John Doe	460.00				93	John Doe	460.00			
94	John Doe	465.00				94	John Doe	465.00			
95	John Doe	470.00				95	John Doe	470.00			
96	John Doe	475.00				96	John Doe	475.00			
97	John Doe	480.00				97	John Doe	480.00			
98	John Doe	485.00				98	John Doe	485.00			
99	John Doe	490.00				99	John Doe	490.00			
100	John Doe	495.00				100	John Doe	495.00			



Analysis of Cases of Notifiable Diseases.

Disease	Under 1	1 - 2	3 - 4	5 - 9	10 - 14	15 - 24	25 - 45	45 - 65	65 and Over	Total
Scarlet Fever	-	-	2	6	-	-	-	-	-	8
Diphtheria	-	-	-	-	-	-	-	-	-	-
Measles	13	64	94	197	12	4	6	-	-	390
Erysipelas	-	-	-	-	-	-	1	-	-	1
Puerperal Pyrexia	-	-	-	-	-	1	-	-	-	1
Pneumonia	-	-	-	-	-	-	3	1	-	4
Dysentery	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	3	5	6	-	-	-	-	-	14
Acute Anterior Polio-myelitis	-	-	-	1	1	1	-	-	-	3
Food Poisoning	-	-	-	-	-	-	-	-	-	-
Chicken Pox	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-
Totals	13	67	101	210	13	6	10	1	-	421



GENERAL SUMMARY

Estimated Resident Population	16,610	
Area (acres)	56,810	
Persons per acre	.342	
Annual Birth Rate per 1,000 Population	Crude 14.32 Corrected 15.03	
Annual Death Rate per 1,000 Population	Crude 10.71 Corrected 8.43	
Births - Male 131 Female 107	238	
Deaths - Male 83 Female 96	178	
Excess of Births over Deaths	60	
Pulmonary Tuberculosis Death Rate per 1,000 Population	.18	
Other Tuberculosis Death Rate per 1,000 Population	N11	
Cancer Death Rate per 1,000 Population	1.98	
Pneumonia (all forms) Death Rate per 1,000 Population	.301	

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# GENERAL SUMMARY

Estimated Resident Population	16,410
Area (square miles)	62,410
Population per acre	4.4
Annual Birth Rate per 1,000 Population	27.0
Annual Death Rate per 1,000 Population	17.1
Births - Male 141 Female 107	248
Deaths - Male 22 Female 20	42
Excess of Births over Deaths	206
Estimated Tuberculous Death Rate per 1,000 Population	1.0
Other Tuberculous Death Rate per 1,000 Population	1.1
General Death Rate per 1,000 Population	1.0
Infantile (all forms) Death Rate per 1,000 Population	2.0