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BOROUGH OF KETTERING



ANNUAL REPORT

of the

Medical Officer of Health

For the Year 1963



J. V. L. FARQUHAR, M.A., M.R.C.S., L.R.C.P., D.P.H.

Together with the Report of
G. WALSHAW, A.M.I.P.H.E., M.A.P.H.I.
Chief Public Health Inspector



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Public Health Department,
Manor House,
KETTERING.

Telephone: Kettering 3168/9.

July, 1964.

To HIS WORSHIP THE MAYOR,
ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF KETTERING.

MR. MAYOR, LADIES AND GENTLEMEN,

In accordance with my statutory duty as your Medical Officer of Health, I have the honour to present my Annual Report for the year 1963.

The contents of this report have been compiled in accordance with the Ministry of Health Circular No. 1/64 dated 13th January, 1964.

The vital statistics in this report are satisfactory and it is interesting to note that for the first time no deaths are recorded as being due to tuberculosis.

The number of illegitimate births (52) is much above the average, 30, for the ten preceding years and is the highest for 18 years. In drawing your attention to this I can only presume that there is a decline in moral standards locally. This is a trend which should be of great concern to parents and those whose position in society enables them to influence the younger generation.

There were 25 deaths from cancer of the lung and bronchus, of whom 22 were males. During the years 1954-1963 inclusive, the total number of deaths, both sexes, from cancer of these sites was 155. The total number of deaths from cancer in other sites during this period was as follows:—

Stomach	...	114
Breast	...	86
Uterus	...	38

A special effort was made in April to bring to notice the facts concerning the dangers of smoking. The mobile unit of the Central Council for Health Education, which consisted of two men, a small van and projection equipment spent three days in the Borough, visiting the Grammar School, the High School, all the Secondary Modern Schools, three works canteens and two Youth Clubs. The Unit was well received and I feel sure that many adolescents who had not yet formed the habit were suitably impressed.

The outbreak of Sonne dysentery which commenced in November, had, by the end of the year, resulted in 92 cases being notified. There were 64 families involved in this number, thus showing the spread from one member of the family to another. I cannot emphasise too strongly how essential it is that a high standard of personal hygiene should be maintained by everyone and that special attention be paid to standards of food hygiene, as only in this way can dysentery and other intestinal

diseases be controlled. In the course of this outbreak 635 specimens of faeces were examined at the Pathological Laboratory of the Kettering and District General Hospital, and I would like to record my thanks to the staff of that Laboratory for their co-operation.

No cases of poliomyelitis, typhoid, paratyphoid, diphtheria or smallpox occurred during the year.

Clearance of houses unfit for human habitation has proceeded smoothly. Two clearance areas comprising of five houses and five individual unfit houses were officially represented. Seventy-seven persons were rehoused from unfit houses and forty-nine houses were demolished.

Mr. L. H. Brown, Engineer and Manager of the Mid-Northamptonshire Water Board has kindly supplied information regarding the town's water supply and has permitted me to include in this report a copy of the chemical analysis of the Pitsford Final Water sampled on 5th November, 1963.

Mrs. Parish, who was Chairman of the Public Health Committee throughout the year, has continued her interest in the work of the Health Department, for which I wish to express my thanks, and I also acknowledge with gratitude the work of the staff of the Department. The compilation of the Annual Report requires a considerable amount of work from the clerical staff and I wish to acknowledge that this has again been performed under the aegis of the Chief Clerk, Mr. J. F. Burridge.

I have the honour to be

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

J. V. L. FARQUHAR,

Medical Officer of Health.

ACKNOWLEDGEMENTS

Certain information contained in this Annual Report has been supplied by the following, to whom acknowledgement is made, and the Medical Officer of Health wishes personally to thank them for their co-operation during the year:

Town Clerk.

Borough Engineer and Surveyor.

Borough Treasurer.

County Medical Officer of Health.

Housing Manager.

Manager, Mid-Northamptonshire Water Board.

Manager, Kettering Employment Exchange.

Women's Voluntary Services.

The British Red Cross Society.

Kettering Mothers' Club.

BOROUGH OF KETTERING

PUBLIC HEALTH COMMITTEE

December, 1963

MEMBERS :

COUNCILLOR MRS. M. PARISH (*Chairman*).
COUNCILLOR R. L. DENNEY (*Deputy Chairman*).
THE MAYOR, ALDERMAN J. P. SLARKE, J.P.
ALDERMAN F. C. CHAMBERS, J.P.
ALDERMAN L. P. STRONG.
ALDERMAN W. WALDEN.
COUNCILLOR W. F. BENNION.
COUNCILLOR P. CAMPBELL.
COUNCILLOR MRS. C. M. CULLEN, J.P.
COUNCILLOR E. L. JEFFS.
COUNCILLOR R. C. LILLEY.
COUNCILLOR S. SMITH.
COUNCILLOR M. M. THOMPSON.

STAFF OF THE HEALTH DEPARTMENT

Medical Officer of Health :

JOHN VAUX LILLIE FARQUHAR, M.A. (Cantab), M.R.C.S., L.R.C.P. (Lond.), D.P.H. (Leeds), also Medical Referee to the Kettering Crematorium, and also holds the appointment of Assistant County Medical Officer, Northamptonshire County Council.

Chief Public Health Inspector :

G. WALSHAW, A.M.I.P.H.E., M.A.P.H.I., (1) (2) (3) (4).

Additional Public Health Inspectors :

G. HARRISON, M.A.P.H.I., (4) (5) (6).
D. A. LOVELL, M.A.P.H.I., (4) (5) (6).
B. R. HODGINS, M.A.P.H.I., (1) (4) (6).

Chief Clerk :

J. F. BURRIDGE.

Deputy Chief Clerk :

K. G. DIX.

Clerks :

J. D. BONHAM (Also Pupil Public Health Inspector).

R. E. CHAPMAN

Rodent Operative :

B. CLARKE.

Disinfecting Assistant and Assistant Rodent Operative :

G. A. PERRY.

-
- (1) Certificate of the Royal Sanitary Institute and Sanitary Inspector's Examining Board as Sanitary Inspector.
 - (2) Certificate of the Royal Sanitary Institute as Inspector of Meat and Other Foods.
 - (3) Certificate of the Royal Sanitary Institute for Sanitary Science.
 - (4) Certificate of the Royal Sanitary Institute as Smoke Inspector.
 - (5) Certificate of the Public Health Inspector's Education Board as Public Health Inspector.
 - (6) Royal Society of Health Diploma for Inspectors of Meat and Other Foods.

SUMMARY OF STATISTICS

Area (acres)	4,539
Population—	
Census, 1961	38,659
Registrar-General's estimate of resident population as at 30th June, 1963	38,780
Number of inhabited houses—	
Census, 1951	11,101
According to Rate Books (end of 1963)	13,538
Rateable Value	£1,445,332
Estimated Yield of One Penny Rate	£5,830

Extracts from Vital Statistics for the Year

LIVE BIRTHS	<i>Males</i>	<i>Females</i>	<i>Totals</i>	
Legitimate	325	296	621	
Illegitimate	18	32	50	
	343	328	671	Birth-rate 17.3 (Crude)

Adjusted Birth-rate (Area Comparability Factor 1.10) 19.03

STILL BIRTHS	<i>Males</i>	<i>Females</i>	<i>Totals</i>	
Legitimate	5	8	13	
Illegitimate	2	—	2	
	7	8	15	Rate 21.9 *

DEATHS	<i>Males</i>	<i>Females</i>	<i>Total</i>	
	252	247	499	Death-rate 12.84 (Crude)

Adjusted Death-rate (Area Comparability Factor 0.86) 11.04

Number of Women dying in, or in consequence of, Childbirth Nil

Death-rate of infants under one year of age :

All infants per 1,000 live births	17.88
Legitimate infants per 1,000 legitimate live births	19.32
Illegitimate infants per 1,000 illegitimate live births	Nil

	<i>Number</i>	<i>Rate per</i>
	<i>1,000</i>	<i>population</i>
Deaths from Measles	Nil	—
Deaths from Whooping Cough	Nil	—
Deaths from Diphtheria	Nil	—
Deaths from Respiratory Tuberculosis	Nil	—
Deaths from Other Tuberculous Diseases	Nil	—
Total Tuberculosis Deaths	Nil	—
Deaths from Cancer	98	2.53
Deaths from Influenza	Nil	—

*Per 1,000 Total (Live and Still) Births Registered.

I. STATISTICS AND SOCIAL CONDITIONS

Population. (Table 1, page 40). The Registrar-General's estimate of the resident population for the mid-year 1963 is 38,780 and the vital statistics in this report are based on this figure.

The population at the 1961 census was 38,659.

Births. (Tables 1 and 2, page 40). Six hundred and seventy-one live births (343 males and 328 females) were registered. This gives a crude birth rate of 17.3 per thousand of the total population, compared with 16.9 in 1962. The corrected birth rate, i.e. that rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales is 19.03 compared with 18.2 for England and Wales. Fifty live births were illegitimate, 18 males and 32 females.

There were 15 still-births (7 males and 8 females). This gives a still-birth rate of 21.9 per 1,000 total births, and 0.39 per 1,000 population. Table 8, page 44 records the registered causes of these still-births. Two still-births were illegitimate.

The Registrar-General's area comparability factor for the adjustment of the birth rate is 1.1.

Deaths. (Tables 1 and 3, page 40 and Table 6, page 42). Four hundred and ninety-nine deaths were registered of which two hundred and fifty-two were males and two hundred and forty-seven females. Fifty-four residents died outside the Borough, and three hundred and ten non-residents died within the Borough. The crude death rate is therefore 12.84 compared with 11.85 in 1962. The corrected death rate, i.e. the rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales is 11.04 compared with 12.2 for England and Wales.

The Registrar-General's area comparability factor for the adjustment of the death rate is 0.86.

Table 24, page 61 gives details of deaths from cancer since 1954.

Maternal Mortality. (Table 4, page 41). No maternal deaths occurred during the year.

Infant Mortality. The infant mortality rate, which is the death rate of children under 1 year of age per 1,000 live births, is shown in Table 5, page 41, in comparison with the rate for England and Wales.

State of Employment. The Kettering Employment Exchange covers the Borough of Kettering, the Urban Districts of Burton Latimer, Desborough and Rothwell, and a number of the villages in the Kettering Rural District, and the following statistics therefore refer to

the whole of the Exchange area and are in respect of persons 18 years of age and over. A very large percentage of the men and women referred to, do however, reside in the Borough.

Number of persons who were registered as unemployed on 1st January, 1963	... ..	Men	764
		Women	82
Number of persons who were registered as unemployed on 31st December, 1963	... ..	Men	179
		Women	67
Number of unemployed registered disabled persons		Men	46
		Women	6

The principal trades for which there were outstanding demands for labour at the end of the year were:

MEN—

- Boot and Shoe and Ancillary Trades.
- Railways.
- Road Transport.
- Distributive Trades.

WOMEN—

- Boot and Shoe Manufacture and Ancillary Trades.
- Distributive Trades.
- Clothing Manufacture.

With regard to the employment position, improvement over the year has been maintained, full time employment is now operative in all industries in the area. The unemployment figure is 0.8% of the insured population compared with the national unemployment figure of 2.2%.

II. GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES

Treatment Centres and Clinics. Out-patient Clinics provided by the Kettering and District Hospital Management Committee of the Oxford Regional Hospital Board are as follows :

At Kettering General Hospital—

Dental	Thursday, 9 a.m.
Orthopaedic	Monday, 2 p.m. (alternate) Tuesday, 2 p.m. Thursday, 2 p.m.
Plastic Surgery	1st Wednesday, 2 p.m.

At St. Mary's Hospital—

Medicine	Monday, 2 p.m. Thursday 2 p.m.—alternate weeks Friday, 8.30 a.m. 1st, 3rd & 5th Wednesday, 8.30 a.m. 2nd and 4th Wednesday, 9 a.m.
Physical Medicine	Tuesday, 2 p.m. Friday, 9 a.m.
Surgery	Wednesday, 9 a.m. Tuesday, 9.30 a.m. 2nd Monday, 2 p.m. Friday, 2 p.m. (except for 1st Friday).
Gynaecology and Obstetrics ...	Monday, 9 a.m. Friday, 2 p.m. Wednesday, 2 p.m.
Ear, Nose and Throat	Thursday, 2 p.m. Tuesday, 9 a.m.
Ophthalmology	Friday, 9.30 a.m. Monday, 2 p.m.
Dermatology	Tuesday, 1.30 p.m.
Wart Clinic	1st, 3rd & 5th Monday, 2 p.m.
Paediatric	Thursday, 9 a.m.
Psychiatry	Tuesday, 1.30 p.m. Thursday, 1.30 p.m.
Radiotherapy	Wednesday, 2.15 p.m.
Combined Radiotherapy/Surgery	4th Monday, 2 p.m. 1st Wednesday, 2.15 p.m.
Venereal Diseases (Women) ...	Tuesday, 5.30 p.m.
„ (Men)	Tuesday, 6.30 p.m.

Special Departments available on reference from one of the above Clinics only.

Orthoptic.
Speech Therapy.
Chiropody.

An appointments system is operated for all clinics except that for Venereal Diseases.

The following Clinics and Treatment Centres are provided by the Northamptonshire County Council :—

Relaxation and Mother Craft Clinics—

School Lane Centre, British Lane Monday, 7 p.m.
Wednesday, 10-11 a.m.
Friday, 10-11 a.m.

Child Welfare Clinics—

School Lane Centre, British Lane Monday, 2 p.m.
Wednesday, 2 p.m.
Friday, 2 p.m.

Barton Seagrave First Tuesday in the month at
2 p.m.
Third Tuesday in the month
at 2 p.m. (Health Visitor's
sessions).

St. John's Hall, Grange Estate Second Monday in the month
at 2 p.m. (Health Visitor's
sessions).
Fourth Monday in the month
at 2 p.m. (Doctor's sessions).

Immunisations and Vaccinations Clinics—

School Lane Centre, British Lane Second Monday in the month
2-4.30 p.m.

Ophthalmic Clinic—

School Lane Centre, British Lane By Appointment.

Speech Clinic—

School Clinic,
Stockburn Memorial Home By Appointment.

Child Guidance Clinic—

School Lane Centre, British Lane By Appointment.

Family Planning Clinic—

School Lane Centre, British Lane Second Thursday in month
5.30 - 7.30 p.m.
Third Thursday in month
2 p.m. - 4 p.m.

Chest Clinic (Tuberculosis)—

St. Mary's Hospital Tuesday, 2 p.m.
(Treatment Session).
Friday, 9 a.m.
(Examinations).

Laboratory Facilities. The following specimens were sent to the Public Health Laboratory, Northampton:—

Water—Town's supply from taps	...	...	...	8
Water—Wells	...	...	...	—
Water—Council's Swimming Bath and Paddling Pools (Bacteriological examination)	...	...	...	14
Water—Other Swimming Baths and Paddling Pools (Bacteriological examination)	...	...	...	9

The following specimens were sent to the Public Health Laboratory, Northampton, or the Laboratory at the Kettering and District General Hospital:—

Lung Swabs	...	...	...	...	...	2
Faecal specimens	...	...	...	...	...	748
Milk	...	...	...	...	...	91
Ice Cream	...	...	...	...	...	16

Health Education. During the year a display of posters dealing with Health Education has been exhibited in the entrance to the Public Library and one section of the Department's stand at the Local Government Exhibition was allocated to this subject.

Following the publication of my Annual Report for the year 1962, a special display calling attention to the more important statistics therein was prepared and the public were invited to borrow a copy of the Report from the Library for fuller information.

In November the Chief Public Health Inspector visited all Girls' Secondary Modern and High Schools in the town to show a film and lecture on food hygiene.

Talks have also been given to various local organisations and whenever possible colour slides taken in the town have been shown to illustrate the talks.

III. SANITARY CIRCUMSTANCES

Water. The Mid-Northamptonshire Water Board, which was formed on 1st July, 1949, is responsible for the provision of water supplies to the Borough of Kettering.

The Engineer and Manager of the Board has very kindly supplied the following information, which relates to the whole of the Board's area, separate figures for Kettering being no longer available.

The supply has been satisfactory in both quality and quantity.

During the year the following bacteriological analyses were taken of water supplied to Kettering.

Pitsford Raw Water	...	...	...	...	57
Cransley Raw Water	...	...	...	...	46
Pitsford Sedimented Water	...	...	...	...	53
Cransley Primary Filters	...	...	...	...	46
Pitsford Final Water	...	...	...	...	267
Cransley Final Water	...	...	...	...	257

The results for the treated waters were all satisfactory.

A chemical analysis for the Pitsford Final Water sampled on 5th November, 1963, is as follows:

Chemical Results in Parts per Million (Mg./L.)

Appearance: Faint opalescence with a very slight deposit and threads in suspension. **Microscopic examination:** mineral matter, oscillatoria and few diatoms.

				Turbidity: 4
Colour:	8 filtered			Odour: Slightly musty
pH:	8.2			Free Carbon Dioxide: trace
Electric				Dissolved Solids
Conductivity: 525				dried at 180°C 370
Chlorine present				Alkalinity as Calcium
as Chloride: 43				Carbonate: 125
Hardness: ... 175		Carbonate: 125		Non-carbonate: 50
Nitrate Nitrogen: 0.5				Nitrite Nitrogen: absent
Ammoniacal				Oxygen Absorbed: ... 1.7
Nitrogen: ... 0.020				Residual Chlorine: ... —
Albuminoid				
Nitrogen: ... 0.25				
Metals: Iron: 0.18				
				Zinc, Copper, Lead and Manganese: absent.

Bacteriological Results

Number of colonies developing on Agar	1 day at 37°C	2 days at 37°C	3 days at 20-22°C
	2 per ml.	3 per ml.	1 per ml.
	<i>Present in</i>	<i>Absent from</i>	<i>Probable number</i>
Presumptive			
Coliform reaction:	— ml.	100 ml.	0 per 100 ml.
Bact. coli (Type I)	— ml.	100 ml.	0 per 100 ml.
Cl. welchii reaction	100 ml.	10 ml.	
Calcium (Ca.): ...	52		
Magnesium (Mg.):	11		
Silica (SiO ₂): ...	6		

This sample is faintly opalescent due mainly to threads of Oscillatoria in suspension, but is without noticeable true colour. The reaction is on the alkaline side of neutrality and the degree of hardness is moderate. There is no excess of mineral or saline constituents in solution and apart from a trace of iron, metals are absent. The organic quality is satisfactory for a supply derived from a surface source and bacteriologically the water is of the highest standard. These results are indicative of a wholesome water suitable for public supply purposes.

The natural fluoride content of the waters is not given in the analyses which the Water Board have carried out. However, the highest content has been found to be 0.25 p.p.m. in the water supplied to Northampton.

The waters are not liable to have plumbo-solvent action.

There was no contamination and therefore no action was necessary.

Water Supply. The following table shows the estimated details of the water supply in the town:

	<i>Dwelling houses</i>	<i>Estimated population</i>
Total Number	13,538	38,780
Supplied direct from town's mains ...	13,521	38,740
Supplied from wells	1	—
Supplied from standpipes in yards ...	2	5
Supplied from taps in outbuildings ...	14	35

Drainage and Sewerage. During the year houses on the following estates have been connected to the completed sewers as development proceeded:—

Messrs. Drury's	Rockingham Road Estate
”	Spinney Estate
”	Chowns' Windmill Avenue Estate
”	Lack's Rockingham Road Estate
”	Wilson's Grosvenor Road Estate

On Messrs. Drury's Polwell Lane Estate (3rd phase) sewers have been completed on half of the estate and houses are being connected as building proceeds.

Routine flushing and cleansing of sewers has been carried out throughout the year.

Fifty-three cesspool emptyings have been undertaken in the Borough and two outside the Borough. One hundred and sixteen catchpit emptyings and 49 grease tank emptyings have also been carried out.

The Council's Sewage Disposal Works at Finedon have operated satisfactorily throughout the year.

Closet Accommodation—

Houses on water carriage system to septic tanks or cesspools	...	...	...	23
Factories on water carriage system to septic tank	...	...	...	2
Factory with chemical closets	...	...	...	1

Rivers and Streams. Rivers and streams have been cleansed and watched for pollution.

Public Cleansing. Refuse collection and disposal, scavenging and the cleansing of streets and street gullies has proceeded satisfactorily.

Efficient disposal of refuse at Wood Lane Tip has been maintained. The incinerator at the Corporation's Depot, Northfield Avenue, has functioned satisfactorily throughout the year, but its condition is such that it will soon have to be replaced after 14 years' good service.

Public Conveniences. The erection of the new conveniences at the Bus Station has been proceeding and they will be available to the public in the early months of 1964.

Regular attention and cleansing of conveniences has been maintained.

Private Street Works. Work commenced late in 1963 on making up part of Scott Road.

District Inspection. The work of the Public Health Inspectors is summarised in Table 9, page 45. Six thousand, five hundred and forty inspections and visits were made in the year 1963 as compared with 6,024 in 1962.

Factories. Table 12, page 48 gives particulars of premises on the register and work done under the Factories Acts, 1937 and 1948 in the form prescribed by the Ministry of Labour and National Service.

Camping Sites. No sites in the area were used for holiday purposes during the year.

The Northampton Road Recreation Ground site which is used by travelling fairs was kept under sanitary supervision during the time it was used.

Swimming Baths and Pools. Attendance at the Covered Bath during 1963 was 81,677 as compared with 84,359 during 1962.

Attendance at the Open Air Bath was 27,204 as compared with 22,098 during the previous year.

School attendances (included in the above figures) at the Public Baths totalled 14,190 as compared with 16,057 during 1962.

The Slipper Baths were attended by 17,041 as compared with 17,994 during the previous year.

The paddling pool at Rockingham Road Park was filled during August only, and kept under careful supervision.

Prevention of Damage by Pests Act, 1949. (Table 11, page 47). During the year 265 applications for the services of the Rodent Operative were received. Occupiers of premises where infestations exist or are suspected, continue to seek early assistance of the Public Health Department and by so doing enable infestations to be quickly eradicated.

A minor infestation occurred at the Council's Sewage Works at Finedon.

Eleven infestations by rats and eight by mice were dealt with at food premises.

Sixty-seven requests for the destruction of wasps' nests were dealt with.

IV. HOUSING

Individual Unfit Houses. Table 13, page 49 shows the houses which have been officially represented as unfit under the Housing Acts, 1936-1957, and for which undertakings have been accepted, prior to 1957, that they will not be let for human habitation.

Table 18, page 53 shows the houses which were so represented 1957-1963, under Section 157 of the Housing Act, 1957.

Clearance of Unfit Houses. Table 15, page 50 shows the position as at 31st December, 1963 of the houses in Clearance Areas which were officially represented prior to 1963, and Table 16, page 52 shows those which were represented during 1963 for inclusion in Clearance Areas.

Table 17, page 53 shows houses owned by the Council which were represented as unfit in 1962.

The number of houses listed for inspection under the post-war clearance schemes was:

Programme 1955/65	...	...	...	471
Houses added to original lists	...	...	...	58
				529

These have been dealt with as follows:

	<i>Years</i>	<i>Number of Areas</i>	<i>Houses included</i>	<i>Totals</i>
(a) Clearance Areas declared:				
	1955-60	42	295	
	1961	5	29	
	1962	6	33	
	1963	2	5	
			362	
(b) Corporation owned houses certified as unfit:				
	1957-59		23	
	1961		1	
	1962		2	
			26	
(c) Houses represented individually as unfit:				
	1955-60		26 *	
	1961		3	
	1962		2	
	1963		5	
			27	

* 9 houses subsequently included in Clearance Areas.

Total houses represented	...	...	...	415
Listed houses found to be fit	...	...	...	21
Listed houses not represented at 31.12.63	...	...	...	93
				529

By the end of the year 245 houses had been demolished and a further 115 were void, leaving 49 awaiting the rehousing of the occupants. Four houses have been adapted to business use and two were declared "Fit" following Public Enquiry.

In 1963 thirty families comprising 77 persons were rehoused, from unfit property.

Repairs to Property. Table 19, page 54 gives details of the work of the public health inspectors in this connection. Four hundred and fourteen informal notices (including 210 verbal notices) were served and eighteen statutory notices under the Public Health and Housing Acts were served.

Rent Act, 1957—Certificates of Disrepair. During the year no application was received for the issue of a Certificate of Disrepair. Three applications for the cancellation of certificates were granted.

Improvement Grants. The House Purchase and Housing Act, 1959, came into force in June, 1959, and introduced Standard Improvement Grants as an alternative to Discretionary Grants for the Improvement of houses. The number of grants made during the year was:—

Discretionary Grants made	...	...	...	...	2
Number of tenanted houses involved	...	...	...	...	1
Standard Grants made	...	...	...	...	125
Number of tenanted houses involved	...	...	...	...	18

Of the 125 Standard Grants made, 55 were for the full improvement (i.e. the provision of bath, wash-hand basin, hot water supply, w.c., and food store) and 39 had all amenities with the exception of the food store which they already possessed. The remainder were for such amenities as they were lacking.

Overcrowding. There were no persons known to be living in overcrowded conditions in 1963.

Housing Statistics. Below are the particulars for 1963 set out in the form required by the Ministry of Housing and Local Government:

Number of dwelling-houses erected during the year :

(a)	1.	By Local Authority	...	...	...	...	30
	2.	By other Local Authorities	...	...	...	...	Nil
	3.	By other bodies or persons	...	...	...	...	226
(b)	With State assistance under the Housing (Financial Provisions) Act, 1958 (included in (a)):						
	1.	By Local Authority	...	...	...	...	30
	2.	By other Local Authorities	...	...	...	...	Nil

1. Inspection of dwelling-houses during the year :	
(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	474
(2) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	73
(3) Number of dwelling-houses found to be in a state so dangerously injurious to health as to be unfit for human habitation	10
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	69
2. Remedy of defects during the year without service of formal notices :	
Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	583
3. Action under Statutory Powers during the year :	
A.—Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957 :	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	6
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	6
(b) By Local Authority in default of owners	Nil
B.—Proceedings under Public Health Acts :	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	12
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :	
(a) By Owners	10
(b) By Local Authority in default of owners	Nil
C.—Proceedings under Sections 16 and 23 of the Housing Act, 1957 :	
(1) Number of dwelling-houses in respect of which demolition orders were made	Nil
(2) Number of dwelling-houses demolished in pursuance of demolition orders	Nil
D.—Proceedings under Section 18 of the Housing Act, 1957 :	
(1) Number of separate tenements or underground rooms in respect of which closing orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit	Nil

4. **Housing Act, 1957—Part IV.—Overcrowding :**

(1)	(a)	Number of dwellings overcrowded at 31st December, 1963	... ..	Nil
	(b)	Number of families dwelling therein	... ..	Nil
	(c)	Number of persons dwelling therein	... ..	Nil
(2)		Number of new cases of overcrowding reported during the year	... ..	Nil
(3)	(a)	Number of cases of overcrowding relieved during the year	... ..	Nil
	(b)	Number of persons concerned in such cases	... ..	Nil
(4)		Particulars of any case in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding	... ..	Nil

Other Housing Matters. There were 725 live applications on the Council's Register awaiting consideration for re-housing at the end of 1963 as compared with 761 at the end of 1962.

In connection with the allocation of Council houses as far as the Public Health Department is concerned, recommendations are made from time to time by the Medical Officer of Health after personal visits have been made to investigate the circumstances of each case. Medical and social assessments are forwarded to the Housing Manager and the Chief Public Health Inspector attends to advise the Housing Administrative Sub-Committee, when necessary.

Nine hundred and thirty requisitions for a search under the Land Charges Act, 1925, were received.

V. INSPECTION AND SUPERVISION OF FOOD

Food and Drugs Act, 1955:

Milk and Dairies (General Regulations), 1959:

Milk (Special Designations) Regulations, 1960:

Number of dairymen licensed to retail pasteurised milk	41
Number of dairymen licensed to retail tuberculin tested milk	16
Number of dairymen licensed to retail pasteurised tuberculin tested milk	17
Number of dairymen licensed to retail sterilised milk	26

The following table gives the results of milk samples taken in accordance with section 89 of the Kettering Improvement Act, 1904, and the Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949-1960:—

<i>Type of Milk</i>	<i>Test</i>		<i>Satis- factory</i>	<i>Unsatis- factory</i>	<i>Total</i>
Pasteurised	Methylene Blue	...	31	6	37
Pasteurised	Phosphatase	... ..	37	—	37
Tuberculin-tested	Methylene Blue	...	9	1	10
Tuberculin-tested Pasteurised	Methylene Blue	...	37	7	44
Tuberculin-tested Pasteurised	Phosphatase	... ..	44	—	44

Two samples of tuberculin tested milk were submitted for biological examination and negative results were obtained.

Thirty-six washed milk bottles were submitted for bacteriological examination and of these 33 were reported to be satisfactory, two fairly satisfactory and one unsatisfactory. Of twelve churn rinses bacteriologically examined, eleven were reported satisfactory and one fairly satisfactory.

Ice-Cream. Fifteen samples of ice-cream were taken from seven producers or retailers in accordance with the Food and Drugs Act, 1955. Thirteen were reported to be grade 1 (Satisfactory) and two grade 2 (Fairly satisfactory). One ice-lolly sample was reported to be satisfactory.

Meat and Other Foods. There was one licensed slaughterhouse in use during the year.

As noted in the Annual Report for the year 1954, the practice has continued whereby a number of the butchers purchase their requirements from wholesalers outside the Borough, and a local wholesaler has animals slaughtered in the town for distribution over a large area outside the town.

The number of carcasses examined is shown below compared with those of the preceding four years and the totals have been converted to cattle units to enable comparison of throughput at the slaughterhouse. One cattle unit is:— 1 beast or 3 calves or 5 sheep or 2 pigs.

	1963	1962	1961	1960	1959
Cattle	3,356	2,766	2,844	2,081	2,218
Cows	151	238	87	181	163
Calves	46	76	76	78	43
Pigs	6,886	8,159	7,907	7,580	9,041
Sheep and Lambs	6,154	7,344	10,059	5,859	9,927
Total animals	16,593	18,619	20,913	15,579	21,392
Cattle units	8,196	8,577	8,921	7,250	8,901

Four hundred and forty-eight visits were made to the slaughterhouse and 61 visits were made to Cattle and General Markets. Inspection of meat vehicles operating in the Borough was undertaken from time to time.

Fifteen slaughtermen were licensed in accordance with the requirements of the Slaughter of Animals Acts, 1933 and 1954. No contraventions of these acts were found.

Mr. E. W. Hudson, M.R.C.V.S., the local Veterinary Inspector for the Ministry of Agriculture, Fisheries and Food attends the Cattle Market each week to deal with any case coming within the purview of the Contagious Diseases (Animals) Acts, 1894-1935.

As a result of visits being made to slaughterhouses it was found necessary to condemn 10 tons, 9 cwts., 0 qrs., 11 lbs. of meat and offals as being unfit for human consumption. Other food materials weighing 2 tons, 10 cwts., 0 qrs., 18 lbs., 12 ozs. were condemned as a result of visits to premises where food was stored, prepared or sold. Four hundred and seventy-six certificates were issued in respect of home killed meat and offals and in addition six hundred and sixty certificates were issued to traders in respect of unfit foods.

Cysticercus Bovis. Seventeen cases of cysticercus bovis were detected in the carcasses examined.

Disposal of Condemned Food. The arrangement made with members of the trade whereby all condemned carcase meat and offals is received by a fat and tallow merchant in Bedfordshire continues to function satisfactory.

Other condemned foods continue to be burned in the incinerator at Northfield Depot or buried in the Council's refuse tip, all tins being punctured before burial.

VI. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Table 23, page 60 shows the age groups of the various infectious diseases notified during the year.

Scarlet Fever. Nine cases of scarlet fever were notified. The attack rate for the Borough of Kettering was therefore 0.23 per 1,000 population. There were no deaths.

Pneumonia. Nineteen cases of primary or post-influenzal pneumonia were notified. The attack rate for Kettering was 0.49 per 1,000 population. Twenty deaths were ascribed to pneumonia, the figures for the previous year being 15 cases notified and 16 deaths attributed to pneumonia (all forms).

Erysipelas. Two cases were notified, giving a total attack rate of 0.05 per 1,000 population.

Whooping Cough. Twenty-four cases of whooping cough were notified. The attack rate was 0.62 per 1,000 population. There were no deaths.

Measles. Two hundred and thirty-five notifications of measles were received. The local attack rate was 6.06 per 1,000 population. There were no deaths.

Meningococcal Infection. No notification was received.

Typhoid Fever. No case was notified.

Paratyphoid Fever. No case was notified.

Dysentery. Ninety-two cases of Sonne dysentery were notified.

Acute Poliomyelitis. No case of acute poliomyelitis was notified.

Infectious Hepatitis. Four notifications of infectious hepatitis were received.

Puerperal Pyrexia. Twenty-four cases were notified during the year.

Cancer. The deaths from cancer show an increase on last year, being 98 as compared with 75 in 1962 as shown in Table 24, page 61. This is the highest number recorded in Kettering since the record was commenced in 1946.

Food Poisoning. Two cases of food poisoning were notified during the year, having been diagnosed after admission to Kettering and District General Hospital. Neither was a Kettering resident. One had salmonella typhimurium and the other salmonella heidelberg infection.

Disinfecting and Cleansing Service. One hundred and forty-three articles of clothing and bedding were disinfected. Two hundred and sixty-eight articles of bedding were destroyed at the request of the owners.

The arrangement made with the Kettering and District Hospital Management Committee for the steam disinfection of bedding, etc., to be carried out at St. Mary's Hospital continued in force, but was used on only one occasion.

VII. TUBERCULOSIS

Fourteen cases of pulmonary tuberculosis and three cases of non-pulmonary tuberculosis were notified in 1963. In 1962 the figures were 9 and 1 respectively. The Registrar-General returns the number of deaths from Tuberculosis as nil. In 1962 the figures given by the Registrar-General were pulmonary 1.

Table 25, on page 62, shows the age groups of both the new cases and the deaths.

There continues to be very little delay before notified cases are admitted to a chest hospital.

The Kettering Tuberculosis Care Committee which undertakes the care and aftercare of patients suffering from tuberculosis, also assists patients suffering from other diseases of the chest when requested to do so by the Chest Physician.

The very valuable help given to patients and their families usually consists of the provision of milk, but in special circumstances groceries, travelling expenses or other forms of help may be given. The assistance granted is governed by the availability of funds, all of which are raised from voluntary sources and whenever income shows the need to cut expenditure, grants to persons with "other diseases of the chest" are the first to be reduced, as the primary duty of the Committee is to assist tubercular patients. It was necessary during the year to restrict help to tubercular patients, owing to the drop in income.

Although tuberculosis is no longer the scourge it used to be, we cannot afford to be complacent about this condition as is evidenced by the increase in the number of new cases notified during 1963.

Mass Radiography Service. No general X-ray survey was carried out in the Borough during the year, but the General Practitioners' Referral Service continued to operate, visiting the town every Friday from 11 a.m. to 11.30 a.m. Special surveys of groups suspected to have been in contact with newly discovered cases were undertaken, but only one new case was discovered as a result.

VIII. WELFARE

National Assistance Act, 1947, Section 47. Persons in Need of Care and Attention. Several visits were paid to persons who came under notice during the year, but in only one case was it necessary to obtain a Court Order under this Section.

Welfare of the Aged. Mrs. J. Deutsch, the Honorary Secretary of the Kettering Old People's Welfare Association, has kindly supplied the following information regarding the activities of this body during 1963.

In January, 1,000 old people had parcels distributed to them, and 100 coal vouchers value 10/- each were also provided.

The Chiropody Service continued to grow and between April and September, 1,075 treatments were given.

The annual House-to-House Collection was held in October and the proceeds are to be used for a further distribution, early in 1964, of parcels containing biscuits, tea and sugar.

The Association continued to co-operate with the various Welfare Authorities in the care of the elderly, and many visits to old people were made by the Association's representatives.

Mrs. A. Stirling, who is now W.V.S. Centre Organiser, has reported regarding the Darby and Joan Clubs as follows:

"Each of the three afternoon clubs have had a most successful year with a varied amount of entertainment. All the clubs had a birthday party; an entertainment and a free tea being given.

Over the year the clubs, including the All Day Club, have had at least three outings, one of which was to the seaside. They have also had Bring and Buy Sales and a Harvest Festival.

The event of the year was a Joint Bazaar held at the Corn Market Hall, which was a great success. Club members made most of the items, money and material being raised in different ways.

The proceeds were divided amongst the clubs.

Each club had a Christmas Party and all the members had a gift.

A seaside holiday was arranged at each club in the early part of the year. Also many pensioners and club members took advantage of the County Holiday Scheme and visited Clacton.

Kettering has, up to date, three afternoon clubs, one evening club and one all day club, all manned by W.V.S. helpers".

It is appropriate that special mention be made of the "Cytringan Day Club" which opened on 16th May, 1963, as there was felt to be a need for such a venture to give comradeship to elderly people during

the day. The club started in a small way with a membership of 25—now it is nearly 70 and there is a waiting list. Tea, coffee and snacks are prepared and sold at cost price by the helpers on rota duty in the canteen. Games such as billiards, dominoes and cards are played in the other two rooms. Some of the ladies bring knitting to do, but nothing is organised except by the members themselves.

A noticeable feature of the club is the atmosphere of friendliness and good fellowship; each member seems to be concerned for the good of the others.

St. John's Over 60 Club. Mrs. J. A. Crawford, the Honorary Secretary of the St. John's Over 60 Club, which serves the Grange Estate area writes as follows regarding the Club's activities during the year:—

“During 1963 the weekly meetings of the Club have been well attended. We have had visits from various speakers, choirs and entertainers. When there was no outside entertainment, members enjoyed dominoes and card games and occasionally one of the members played the piano for community singing. A raffle was held each week and during the meeting tea and cakes were served.

Three outings were arranged during the summer, a full day trip to the coast and two shorter half day trips.

Party bookings were made for most of the local shows and proved very popular.

A Harvest Thanksgiving service was held in September and afterwards the produce was sold in aid of Club funds.

A Christmas party was arranged by the voluntary helpers and members had tea, followed by games and entertainment. On leaving, all received a small gift.

Each member received a birthday card on the appropriate day, and “Get Well” cards were sent to sick members.

Many members took advantage of a scheme, new to this Club and started this year, to obtain Horlicks, Marmite and Ovaltine at the special reduced rates allowed to Old People's Clubs.

1963 has been a successful year and the St. John's Over 60 Club continues to serve the need of the Stamford Road area”.

Meals on Wheels Service. Mrs. N. G. Wootton, the organiser of this service which is operated by the W.V.S. has kindly supplied the following report:—

“During the twelve months, January 1st to December 31st, 1963, the Meals on Wheels Service has continued to run smoothly in Kettering. Seven thousand, nine hundred and ninety-five meals were delivered during the year, up to 84 meals being taken twice weekly, on Tuesdays and Thursdays.

The Service was successfully maintained through the difficult early months of the year when weather conditions were abnormal, and thanks to the loyal help of all drivers and 'mates', every meal was delivered on time. In addition to this, during February and March, in order to give the old people a little extra help during the extreme cold, meals were delivered to those most urgently in need, on Mondays, in addition to Tuesdays and Thursdays. This was made possible by the co-operation of the Trustees and Staff of the Wicksteed Village Trust, who agreed to supply extra meals during this period.

Forty-seven names of old people to receive the Service were added to the list during the year, and a similar number was taken off, by reason of death or removal to Hospital or Homes.

It was possible to take on the most urgent cases with little delay, but some old people had to wait several weeks before getting the Service".

The St. Giles' Club for the Disabled. Mrs. P. Newnes, Chairman of this Club which is organised by the British Red Cross, has kindly supplied the following information regarding it:—

"The Club, which is open to men and women who are medically recommended continues to meet each Tuesday afternoon in The Corn Market Hall, Kettering, from 2.30 to 4.30 p.m. The membership at the moment is 78 with an average attendance of 60.

Handcrafts are taught by trained Occupational Therapists, games are played, entertainments arranged, and during the year of this report a visit to a pantomime was arranged, evening bus trips, a Harvest Church Service and sale of produce, visits to Corby and the Wicksteed Park and a Christmas Party. Saving is encouraged and stamps are sold each week, some using them to save for their annual holidays, and last year officials of this Club assisted with arrangements to send several on a holiday for disabled at Caister-on-Sea. The chief difficulty of transport still remains. Each week a special bus is hired to fetch members from their homes and take them back again at a high cost; also, one or two private cars are used but many more are needed and should anyone reading this report have a car, and a little time to spare on a Tuesday afternoon, may I assure them that their services would be greatly appreciated. It should be remembered that social isolation is one of the chief hazards from which handicapped people suffer and for many, these weekly meetings are the only time they are able to leave their homes.

Finally, I would like to say how indebted we are to the many people who have assisted either in cash or kind throughout the year, and I hope, most sincerely, that we can continue to rely on their loyal support".

Kettering Mothers' Club. The Kettering Mothers' Club report another successful year; their membership was 98, and the year has been full of activity. A child suffering from tuberculoid leprosy in Nigeria was adopted and the Club has decided to pay £20 for his treatment. A supply of blankets has also been sent to Nigeria.

A successful annual dinner and a children's party were held.

The Club expects to give help at the Kettering General Hospital canteen when it is opened.

National Assistance Act, 1948, Section 50, Disposal of the Dead. No cases were dealt with by the local authority during the year.

IX. MISCELLANEOUS

Examination of Employees. Nine males and ten females were medically examined by the Medical Officer of Health and all were considered fit for employment in the Council's service.

Cremations. One thousand three hundred and sixty-four cremations were carried out during the year at the Kettering Crematorium. Of this number 325 were Kettering residents, this being 65% of the residents who died during the year. The remaining cremations were of residents from the areas of the following authorities:—

Brixworth R.D.C.	9
Burton Latimer U.D.C.	38
Corby U.D.C.	111
Desborough U.D.C.	52
Higham Ferrers Borough	23
Irthlingborough U.D.C.	36
Kettering R.D.C.	62
Market Harborough U.D.C.	58
Market Harborough R.D.C.	10
Northampton B.C.	10
Oundle and Thrapston R.D.C.	58
Raunds U.D.C.	45
Rothwell U.D.C.	47
Rushden U.D.C.	145
Wellingborough R.D.C.	75
Wellingborough U.D.C.	215
Other Authorities	45

On eight occasions it was necessary for the Medical Referee to enlist the services of the Pathologist appointed by the Council in pursuance of the Cremation Regulations, 1930.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT ON PUBLIC HEALTH AND FOOD INSPECTION FOR THE YEAR 1963

(a) **Staff**

The outstanding event of the year from the staff viewpoint was undoubtedly the successful passing of the examination for Smoke Inspectors by all three Additional Inspectors at the same time. It is very pleasing to be able to report that there were no staff changes during the year. There is an excellent team spirit among the Inspectors which is invaluable at all times, but especially so when overtime duties have to be allotted. The practice of one Additional Inspector each month attending meetings of the Health Committee with me, was started during the year and helps to give a fuller understanding of the work, which is to the benefit of all concerned. Mr. G. Harrison was re-elected in April as Hon. Secretary of the Northants Branch of the Public Health Inspectors Association, and I was re-elected Vice-Chairman.

(b) **Housing**

(i) **CLEARANCE**

In 1963, 10 houses were inspected and represented as unfit. Of these 5 were in 2 Clearance Areas, and 5 were individual unfit houses.

Kettering is now in the fortunate position of having no urgent clearance problem. There was a very active building programme in the town about 1880. These houses are now nearing the end of their useful life, very few have effective damp proof courses, and in consequence there is considerable rising dampness. From time to time blocks of these houses will be dealt with by clearance.

Three Local Public Enquiries were held during the year, two being decided in favour of the appellants, and one in favour of the local authority. No matter how carefully clearance work is undertaken, it must inevitably come hard on some owners and occupiers. The very real concern for persons affected shown by the Public Health Sub-Committee when visiting properties to be condemned, and the sympathetic consideration given to each case by Miss Watson, the Housing Manager, help in some measure to soften the blow, but the condemning of houses with the splitting up of small but long established communities, is a responsibility never to be undertaken lightly. More and more owner-occupiers are now concerned in houses being condemned. Most of them have invested their life's savings in their houses without having contemplated the possibility of condemnation. It is becoming much more common to receive enquiries as to the future of old houses, from prospective purchasers themselves, or from estate agents on their behalf. This trend is to be encouraged.

(ii) **REPAIRS**

Again during 1963, an effort was made to carry out house-to-house inspections in older areas not included in the clearance programme. Sixty-three houses were inspected and notices served where necessary. Notices were also served where found necessary in inspections following complaints. Most owners of property respond well to requests to carry out repairs. Occasionally statutory action is necessary, but it is hoped that by persisting with every case until the work is completed, all owners will recognise that neither prevarication nor procrastination will enable them to evade this responsibility.

(iii) **IMPROVEMENT GRANTS**

Applications for improvement grants are dealt with by the Borough Surveyor's Department. Inspections to ensure that properties which have been improved with the aid of a grant are properly maintained, are the responsibility of the Public Health Department. Two hundred and twenty-one such inspections were made, but this work is now mainly carried out by forwarding statutory forms to the owners for signature, declaring that all conditions of the grant are being complied with. Four hundred and ninety-four such forms were sent out during 1963, of which 446 were returned. This arrangement is working well and is a great saving of inspectors' time.

(c) **Factories and Workshops**

The routine inspections revealed 29 matters requiring attention, (45 in 1962). These were mostly for minor items of maintenance.

(d) **Air Pollution**

In February, application was made to the Minister of Housing and Local Government, for permission to proceed with the detailed survey of the first proposed Smoke Control Area. The routine work of the department was organised to allow this to be carried out during the Summer, but permission to proceed was not received until November, when it was also mentioned that a review of the grant scheme was being carried out. In view of this the survey was not commenced.

The general trend for householders to install gas and electric fires in place of coal continued, and this may have had an effect on the smoke filter figures (see table 26, page 63), which show a consistent reduction in all months for which comparable figures are available.

Industrial smoke in Kettering is slight with the exception of steam locomotives operated by British Railways.

(e) Meat Inspection

All 16,593 animals slaughtered at the K.I.C.S. Ltd. abattoir were inspected and 10 tons, 9 cwts., and 11 lbs. of meat and offal were found to be unfit for human consumption, (see Table 22, page 59). On 1st October the new Meat Inspection Regulations became law, and meat inspection in Kettering became more arduous without any increase in efficiency. The additional unpaid overtime which became necessary was accepted by the staff, but a national agreement on how such overtime should be compensated would be very welcome.

Permission was received in April from the Ministry of Agriculture, Fisheries & Food to stamp cartons of frozen meat prepared in Kettering for export to Malta. It is believed that Kettering is the only Local Authority to penetrate the maze of difficulties concerning such exports.

Throughout the year advice on various public health matters was given to the Borough Surveyor regarding the plans being prepared for a proposed public abattoir.

(f) Food Hygiene

One thousand three hundred and seventy-one visits were paid to the 438 food premises in the Borough.

During the year 196 contraventions of the Food Hygiene (General) Regulations, 1960, were found in food premises as follows:

Bakehouses	...	...	...	...	...	17
Butchers	...	...	...	...	...	21
Dairies, etc.	...	...	...	...	...	2
Fish Shops	...	...	...	...	...	16
Food Premises, other	...	...	...	...	...	88
Ice Cream premises	...	...	...	...	...	2
Licensed premises	...	...	...	...	...	16
Markets	...	...	...	...	...	1
Restaurants, Canteens, etc.	...	...	...	...	...	28
Food Vehicles	...	...	...	...	...	5

Many of these contraventions were of a minor nature.

As more and more premises are brought up to the required legal standard, the problem of unsuitable persons engaged in the food trades becomes more apparent. Some of us are by nature untidy and find thorough organisation foreign to us. The school-children who always had inky fingers, and blots in their books, sometimes become food handlers later in life. Then their fingers become smeared with butter, dirt from potatoes and grease from bacon, and their food shops look rather like a kitchen when the

pantry is being spring-cleaned. The premises usually just comply with the legal standards laid down. Health education is doomed from the start when the pupil doesn't want to be taught, and it seems that the solution of this problem must rest with the general public. If they are prepared to patronise such shops, which are very easy to recognise, then these conditions will continue.

Samples of food for routine examination were sent to the Public Health Laboratory at Northampton as follows:

Ice Cream	...	...	...	...	...	15
Iced Lollies	...	...	...	...	...	1
Minced Steak	...	...	...	...	...	5
Liquid Frozen Egg	...	...	...	...	...	1
Liquid Egg	...	...	...	...	...	2
Dried Whole Frozen Egg	...	...	...	...	...	4
Cornish Pasties	...	...	...	...	...	1
Steak	...	...	...	...	...	1
Steak & Kidney Pie	...	...	...	...	...	1
Beef Steak Pie	...	...	...	...	...	2
Pork Sticks	...	...	...	...	...	2
Pork Sausages	...	...	...	...	...	26
Beef Sausages	...	...	...	...	...	2
Pork Cutlets	...	...	...	...	...	2
Beefburgers	...	...	...	...	...	8

These foods were all reported as satisfactory except one sample of Pork Sausage which was found unsatisfactory.

Ninety-one bacteriological milk samples were taken, (61 in 1962), 36 washed milk bottles, (14 in 1962), and 12 churn rinses, (11 in 1962), with results summarised in Part V.

Complaints concerning food were investigated during the year and the following reported to the Public Health Committee. Warning letters were sent to the traders concerned in all cases.

1. Dirty Milk Bottle.
2. Live Grubs in Easter Egg.
3. Sliced Brown Loaf affected with mould.
4. Meat Pie containing fly.
5. Haslett affected with mould.
6. Three Meat Pasties affected with mould.
7. Steak and Kidney Pie affected with mould.
8. Bread Rolls affected with mould.
9. Blowfly in Pork Pie.
10. Wrapped Chocolate Biscuits containing grubs.
11. Two boxes of Chocolates containing larvae of Ephestia Moth.

The complaint regarding an Easter Egg found to be infested with the larvae of the larder beetle received considerable publicity in the local press, and there was a tendency to criticise the decision of the Local Authority not to prosecute. This publicity brought in many complaints to the Public Health Department regarding food, and undoubtedly did more to stimulate interest in food hygiene among both traders and the public than any prosecution would have done.

A suggestion that routine inspections of hospital kitchens should be carried out by Public Health Inspectors was welcomed by the Hospital Group Secretary, and these inspections will now be carried out twice yearly, reports being submitted to the Hospital Authorities on any matter requiring attention. Public Health Inspectors in adjoining areas have since been asked to report similarly on the hospital kitchens in their areas. Such co-operation is to be welcomed as it provides a means of circumventing the present legal position whereby a Public Health Inspector has no right of access to inspect these most important of all food preparing premises.

(g) Water Supplies

All 8 samples of water from the town's mains were reported by the bacteriologist to be "Very Satisfactory".

(h) Swimming Baths

Nine bacteriological samples were taken from the Corporation's indoor swimming pool, and 5 from the outdoor pool. All were reported as being "Very Satisfactory", except 1 from the indoor pool when faecal coli were found to be present. It was subsequently found that this resulted from supplies of chlorine not being available for a very short period.

The open air pools at Rockingham Road and Wicksteed Parks were sampled on 9 occasions, in 7 cases the samples were satisfactory.

(i) Rodent Control

Two hundred and sixty-five requests for assistance in eliminating rodents were received during the year, (221 in 1962). The sewers were poisoned twice but very little evidence of infestation was found.

A suggestion that the Local Authority might be prepared to keep the premises of local firms free from infestation on an annual contract basis was accepted by the Council. The basic idea is, that by routine monthly inspections it will be possible to eliminate infestations before they have a chance to get well established. The charge is fixed with the intention of covering operating costs only and several firms have entered into contracts for this service.

(j) **Drains and Sewers**

It may be a reflection on either the efficiency of a previous generation of builders or the habits of our present generation that 249 stoppages in drains or sewers were reported to the Public Health Department during 1963. Two hundred and seventeen of these were cleared by the use of rods and no charge was made for this service. The remaining cases either occurred at weekends or required the greater force provided by the gully cleansing machine in the Borough Surveyor's Department, and in these instances charges were apportioned between the owners of the properties concerned.

(k) **Noise Abatement Act**

The several investigations made illustrated the fact that a very slight sound, if persistent at night, can become a real source of annoyance to some people. In all cases the occupiers of the offending premises did more than could have been required legally and most complainants were satisfied.

(l) **Prosecutions**

During the year legal proceedings were instituted in the following cases

<i>Act</i>	<i>Offence</i>	<i>Result of Prosecution</i>
Food Hygiene (General) Regulations, 1960.		
Section 6	Chipped or cracked cups	£5 fine.
Section 6	Dirty cooking stoves	£10 fine.
Section 23	Dirty draining board	£10 fine.
Section 19	Dirty sink	£10 fine.
Section 14	No suitable lighting in W.C.	£5 fine.
Section 14	No "Wash your Hands" notice in W.C.	£5 fine.
Section 6	Dirty cake trays not protected from contamination	£5 fine.

(m) **Filthy or Verminous Premises**

No complaints of bugs or fleas were received during the year, but the occupants of one household were found to be infested with body lice. Disinfestation was carried out and several articles of clothing and bedding were destroyed by burning, replacements being obtained from a variety of benevolent sources.

The problem of a few filthy premises again took up considerable time. The risk of legal action resulting in a fine is not sufficient to stir many of these people into activity. Some are ill and all need help of a kind which is not easy to provide. It seems wrong that the only way of really solving these cases at present, is to await removal to an institution or death.

(n) **Public Relations**

Nine talks on the work of Public Health Inspectors were given to various local organisations, and the collection of colour slides taken in Kettering was very useful in illustrating some of these talks. Lectures on Food Hygiene were again given to senior classes at the secondary schools, and it is hoped that these will now become an annual event.

The department took part in the Local Government Exhibition in November, and this helped to bring to the notice of the general public, the work done in an effort to improve environment and preserve good health.

Almost all the work of the department is achieved without recourse to legal action, and although the expenditure of other people's money is usually required, tact and diplomacy produce co-operation and avoid acrimony in the majority of cases.

(o) **Conclusion**

Nineteen sixty-three has been a year during which all branches of public health work have received a share of attention.

I wish to record my sincere thanks to the Chairman and Members of the Public Health Committee for their appreciation and co-operation; to Dr. Farquhar, and the other Chief Officers and their staffs for their willing help, and to all other members of the Public Health Department for their loyal support at all times.

G. WALSHAW,

Chief Public Health Inspector.

XI. STATISTICAL TABLES

Table 1
Vital Statistics for the years 1954 to 1963

Year	Estimated Population (Mid-year)	LIVE BIRTHS			DEATHS				
		No.	Rate		Under 1 year		All ages		
			Crude	Corrected	No.	Rate per 1,000 Live Births	No.	Rate	
								Crude	Corrected
1954	36,590	503	13.75	14.85	17	33.80	402	10.99	10.0
1955	36,590	488	13.34	14.40	13	26.64	427	11.67	10.62
1956	36,990	510	13.79	14.89	9	17.65	443	11.98	11.38
1957	37,250	541	14.52	15.54	8	14.79	416	11.17	11.06
1958	37,430	509	13.6	14.55	7	13.75	479	12.8	12.29
1959	37,570	532	14.16	15.15	10	18.80	457	12.16	10.82
1960	38,030	614	16.15	17.28	12	19.54	473	12.44	11.2
1961	38,570	619	16.05	17.17	10	16.16	478	12.39	11.4
1962	38,650	653	16.9	18.07	7	10.72	457	11.85	11.03
1963	38,780	671	17.3	19.03	12	17.88	499	12.84	11.04

Table 2
England and Wales and the Borough of Kettering, 1954-1963
Birth Rates

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
England and Wales	15.2	15.0	15.7	16.1	16.4	16.5	17.1	17.4	18.0	18.2
Kettering	14.85	14.40	14.89	15.54	14.55	15.15	17.28	17.17	18.07	19.03

Table 3
England and Wales and the Borough of Kettering, 1954-1963
Death Rates

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
England and Wales	11.3	11.7	11.7	11.5	11.7	11.6	11.5	12.0	11.9	12.2
Kettering	10.0	10.62	11.38	11.06	12.29	10.82	11.2	11.4	11.03	11.04

Table 4**England and Wales and the Borough of Kettering, 1954-1963****Maternal Mortality**

(Per 1,000 total (live and still) births)

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
England and Wales	0.69	0.64	0.56	0.47	0.43	0.38	0.39	0.33	0.35	0.28
Kettering	Nil	Nil	Nil	Nil	1.9	Nil	Nil	Nil	Nil	Nil

Table 5**England and Wales and the Borough of Kettering, 1954-1963****Infant Mortality**

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
England and Wales	26.0	24.9	23.8	23.0	16.2	22.0	21.9	21.6	20.7	20.9
Kettering	33.80	26.64	17.65	14.79	13.75	18.80	19.54	16.16	10.72	17.88

Table 6—Causes of Death at Different Periods of Life—continued

Cause of Death	Sex	Total All Ages	Age in Years										75 and over		
			Under 4 weeks		4 weeks and under 1 year		1—	5—	15—	25—	35—	45—		55—	65—
			4 weeks	1 year	1—	5—	15—	25—	35—	45—	55—	65—			
Pneumonia	M	11	—	1	—	—	—	—	—	—	1	—	—	2	7
	F	9	—	1	—	—	—	—	—	—	—	—	—	1	7
Bronchitis	M	27	—	—	—	—	—	—	—	—	1	6	—	9	11
	F	7	—	—	—	—	—	—	—	—	—	1	—	1	5
Other Diseases of Respiratory System	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	4	—	—	—	—	—	—	—	—	1	—	—	—	2
Ulcer of Stomach and Duodenum ...	M	1	—	—	—	—	—	—	—	—	—	—	—	—	1
	F	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastritis, Enteritis and Diarrhoea ...	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Congenital Malformations	M	2	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Defined and Ill-defined Diseases	M	23	—	2	—	—	—	—	—	—	—	—	—	—	—
	F	29	—	—	—	—	—	—	—	—	—	—	—	—	—
Motor Vehicle Accidents	M	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other Accidents	M	6	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	10	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total All Causes	M	252	4	5	1	3	4	16	44	72	102				
	F	247	2	1	1	—	3	15	34	50	138				
		499	6	6	1	3	7	31	79	122	240				

Table 7

Infant Mortality, 1963—Causes of Death

<i>Cause</i>	<i>Number of deaths</i>
Prematurity	4
Cerebral haemorrhage	1
Intracranial haemorrhage	1
	—
	6
	—

Table 8

Stillbirths, 1963—Certified Causes

<i>Sex</i>	<i>Cause</i>
M.	I (a) Accidental A.P.H. (b) Maternal Pre-eclamptic toxæmia.
M.	Not known. Macerated S.B.
M.	I (a) Macerated foetus (b) Accidental haemorrhage (c) Hypertension.
M.	I (a) Macerated foetus (cause unknown) (b) ?Pre-eclamptic toxæmia.
M.	I (a) Macerated foetus (cause unknown) II. Hypertension.
M.	I (a) Macerated foetus (cause unknown).
F.	I (a) Maternal pre-eclamptic toxæmia.
F.	I. U. D. (Unknown).
F.	I (a) Anencephaly II Exomphalos.
F.	I (a) Unknown (b) Pre-eclamptic toxæmia (c) Placental insufficiency.
F.	I (a) Anencephalic.
F.	I (a) Pre-eclamptic toxæmia.
F.	I (a) Cord tightly round neck. II. Pre-eclamptic toxæmia.
M.	} No information available.
F.	

Table 9

Summary of Routine Work of the Public Health Inspectors

<i>Nature of Visits, Inspections, Etc.</i>	<i>Number of Visits, etc.</i>
House Inspection	
Overcrowding—inspections	7
Section 9—inspections	268
Section 16—inspections	57
Section 42—inspections	128
Public Health Act—inspections	890
Disrepair Certificates—inspections	21
Improvement Grants—inspections	221
Houses let in lodgings	2
Housing Application Reports	2
Clean Air Act	
Houses—visits	28
Commercial Premises—visits	15
Factories—visits	33
Smoke Observations	24
Infectious Disease Investigations	187
Noise Abatement Inspections	54
General Sanitation	
Accumulations of refuse	37
Keeping of Animals	66
Ashbins	1
Drains: Inspections (i) Old	331
(ii) New	7
Smoke Tests	16
Colour Tests	42
Water Tests	—
Entertainment, Places of	2
Factories with mechanical power	170
Factories without mechanical power	7
Factories—other	13
Offices	2
Pests Act—Rodents	39
Insects	68
Pet Animals Act	3
Shops Act	91
Sewers, W.C.'s, drains etc., obstructed	298
Tents, vans and sheds	47
Miscellaneous nuisances, etc.	455
Unsuccessful visits	736
Interviews with owners, agents, builders and tenants	555

Table 9—continued

<i>Nature of Visits, Inspections, etc.</i>	<i>Number of Visits, etc.</i>
Meat and Food Inspection and Food Hygiene	
Visits to:	
Bakehouses	35
Butchers	96
Dairies, etc.	14
Fish-shops	28
Food Shops	382
Ice-Cream Premises	9
Licensed Premises	72
Markets	61
Restaurants, Cafés, etc.	62
Slaughterhouses	448
Vehicles	11
Miscellaneous visits for food inspection	159
Sampling	
Bacteriological	117
Ice Cream	12
Milk	89
Water—from Mains supply	8
from swimming baths and pools	14
TOTAL NUMBER OF VISITS AND INSPECTIONS	6,540
Notices served	
Informal notices:	
Preliminary notices served	204
Verbal notices given	210
Cautionary letters sent	30
Statutory notices:	
Public Health Act, 1936, Section 39	6
Section 45	1
Section 83	1
Section 93	4
Housing Act, 1957, Section 9	6

Table 10

Rodent Control

Sewer Maintenance Treatment

			<i>First Treatment</i>	<i>Second Treatment</i>
1. Number of manholes treated	...	...	80	84
2. Number of manholes showing bait take	...	...	5	17

Table 11

Rodent Control

Work of Rodent Operative

(excluding Sewer Maintenance Treatment)

Number of visits by Rodent Operative	...	...	...	...	789
Number of visits re mice	...	...	...	...	109
Number of occasions traps used	...	...	...	...	41
Number of occasions dogs used	...	...	...	...	4
Quantity of poison laid (ounces) zinc phosphide	...	...	...	...	546
Quantity of poison laid (ounces) "Warfarin" 0.5%	...	...	...	...	1922
Number of wasps nests destroyed	...	...	...	...	76

Table 12

Factories Acts, 1937 and 1948

1. Inspections (including inspections made by the Public Health Inspectors):

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	9	7	—	—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority	236	170	16 *	—
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	10	13	—	—
TOTAL	255	190	16 *	Nil

* Informal.

2. Cases in which Defects were found :

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	10	5	—	—	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation	10	2	—	—	—
Ineffective drainage of floors	—	—	—	—	—
Sanitary Conveniences:					
(a) insufficient	—	—	—	1	—
(b) unsuitable or defective	6	9	—	—	—
(c) not separate for sexes	—	—	—	—	—
Other offences against the Act not including offences relating to Outwork	3	8	—	—	—
TOTAL	29	24	Nil	1	Nil

Table 12—continued

3. Outwork (Sections 110 and 111):

Nature of Work	Section 110			Section 111		
	No. of outworkers in August list	Cases of default in sending lists	Prosecutions for failure to supply lists	Instances of work in unwholesome premises	Notices Served	Prosecutions
Making etc. of apparel	91	—	—	—	—	—
Cardboard box making	4	—	—	—	—	—
TOTALS ...	95	—	—	—	—	—

Table 13

Housing Acts, 1936

Undertakings not to relet for human habitation received prior to 1957

Address	Date of Undertaking	Position at the 31st December, 1963
32 Meadow Road	21. 2. 54	Being used as store
4 Grooms Yard, Northall Street ...	30. 11. 51	Vacant
10 Northall Street	13. 11. 51	} Being used as store
12 Northall Street	5. 7. 50	
39 High Street (1st & 2nd floors) ...	18. 9. 50	Being used for business
Second Lodge, Rockingham Road ...	22. 7. 52	Being used as store
1 Southfield Farm Cottages	} 20. 7. 54	Vacant
2 Southfield Farm Cottages		Vacant
New Lodge, Warkton Lane	30. 3. 55	Vacant

Table 14

Housing Act, 1936, Section 12

Closing Order

Address	Date of Order	Remarks
76a High Street, being the first and second floors of 72, 74 and 76 High Street	25. 3. 54	Being used for business purposes

Table 15

Housing Acts, 1936-1957

Houses represented prior to 1963

Subsequent action and condition at end of 1963

	Date Represented	Clearance Area Declared	C.O., C.P.O., etc.	Remarks
Clearance Area No. 11 3-6 Hazelwood Lane (4 houses)	10.1.56	22.2.56	Purchased by Agreement	No longer houses
Clearance Area No. 18 27 West Street 28 West Street	12.3.57	24.4.57	Purchased by Agreement	Awaiting demolition
Clearance Area No. 30 2-14 Rockingham Road 11-15 St. Andrew's Street (12 houses)	4.12.58	28.1.59	C.O. 23.11.60	11-15 St. Andrew's St. Demolished 1962 Remainder Demolished 1963
Clearance Area No. 31 23-46 Wadcroft (14 houses)	10.2.59	25.3.59	Purchased by Agreement	Nos. 41-46 (6 houses) Demolished 1961
Clearance Area No. 32 1-4 Warren Hill Cottages (4 houses)	10.3.59	22.4.59	C.P.O. 24.10.60	2, 3 & 4 Vacant
Clearance Area No. 33 10-40 Queen Street (16 houses)	7.4.59	29.4.59	Purchased by Agreement	Demolished 1963
Clearance Area No. 34 1-12 Links Terrace (12 houses)	29.4.59	24.6.59	Purchased by Agreement	Demolished 1963
Clearance Area No. 37 27 Lower Street 29 Lower Street	10.11.59	25.11.59	Purchased by Agreement	Demolished 1963
Clearance Area No. 38 64-90 London Road (14 houses)	12.7.60	27.7.60	C.O. 64-70 72-90 Being Purchased by Negotiation	All Rehoused Except Nos. 74, 76
Clearance Area No. 39 108-114 Lower Street (4 houses)	12.1.60	27.4.60	C.O.	Demolished 1963

Table 15—continued

	Date Represented	Clearance Area Declared	C.O., C.P.O., etc.	Remarks
Clearance Area No. 40 1-27 Grange Road (14 houses)	8.3.60	22.6.60	1-25 Purchased by agreement 27 C.P.O.	All Vacant Except No. 27
Clearance Area No. 41 4-8 Alexandra Street 1-4 Mill Road Passage (7 houses)	12.4.60	22.6.60	Purchased by Agreement	Demolished 1963
Clearance Area No. 43 83-89 Albert Street 86-92 Alexandra Street 58-72 Thorngate Street (16 houses)	13.9.60	26.10.60	Being Purchased by negotiation	All vacant except 83 and 85 Albert St. No. 72 Thorngate Street con- sidered fit at Public Inquiry
Clearance Area No. 44 65 Albert Street 67 Albert Street	13.9.60	26.10.60	Purchased by negotiation	Awaiting Demolition
Clearance Area No. 45 29-41 Thorngate Street (7 houses)	8.11.60	21.12.60	Being Purchased by negotiation	All Vacant except No. 29
Clearance Area No. 46 44-64 Cross Street (11 houses)	6.12.60	25.1.61	Purchased by negotiation	Awaiting Demolition
Clearance Area No. 47 24 St. Andrew's Street 2 & 3 Newland Passage	7.3.61	26.4.61	C.O.	Awaiting Demolition
Clearance Area No. 48 59-67 Alexandra Street (5 houses)	11.4.61	31.5.61	C.O.	All occupied except 63 and 65
Clearance Area No. 49 13-23 Green Lane (6 houses)	13.6.61	26.7.61	Under negotiation	All Vacant except No. 23
Clearance Area No. 50 7 & 9 Green Lane	11.7.61	27.9.61	Under negotiation	Both occupied

Table 15—continued

	Date Represented	Clearance Area Declared	C.O., C.P.O., etc.	Remarks
Clearance Area No. 51 48-72 Queen Street (13 houses)	10.10.61	22.11.61	Being Purchased	All Vacant Except Nos. 48, 54 & 68
Clearance Area No. 52 44-50, 52a & 54a Alfred St., 1-4 Railway Terrace (10 houses)	9.1.62	28.2.62	Being Purchased	1, 2 & 4 Railway Terrace 48 Alfred St. Vacant
Clearance Area No. 53 69-73 Albert Street (3 houses)	13.3.62	28.3.62	Under negotiation	No. 69 Vacant
Clearance Area No. 54 43-49 Alexandra Street (4 houses)	14.6.62	25.7.62	Purchased	No. 49 Vacant
Clearance Area No. 55 71-85 Alexandra Street (8 houses)	14.6.62	25.7.62	Under negotiation	No. 81 Vacant
Clearance Area No. 56 25-29 Albert Street (3 houses)	9.10.62	28.11.62	C.P.O.	No. 27 Vacant
Clearance Area No. 57 34-42 Buccleuch Street (5 houses)	13.11.62	19.12.62	Under negotiation	All occupied

Table 16**Housing Acts, 1936-1957**

Houses represented during 1963.

	Date Represented	Clearance Area Declared	C.O., C.P.O., etc.	Remarks
Clearance Area No. 58 16 & 18 Alfred Street	12.2.63	27.2.63	Under negotiation	All occupied
Clearance Area No. 59 2-6 Albert Street (3 houses)	8.10.63	27.11.63	Under negotiation	All occupied

Table 17
Housing Acts, 1936-1957

Council owned houses in respect of which Certificates of Unfitness
were submitted during 1962.
Condition at end of 1963.

	Date represented to Public Health Committee	Remarks
165 & 167 London Road	6.12.62	Awaiting Demolition

Table 18
Housing Acts, 1936-1957

(a) Individual houses represented as Unfit during the years 1957-1962,
and condition at 31st December, 1963.

	Date Represented	Position at 31st December, 1963	
7 Newman Street	21.2.57	Undertaking accepted 26.7.57	Vacant
43a Princes Street	9.7.57	Undertaking accepted 17.2.58	Vacant
5 School Lane	8.10.57	Undertaking accepted 23.12.57	Vacant
6 School Lane	8.10.57	Undertaking accepted 23.12.57	Vacant
94 Northall Street	9.4.58	Undertaking accepted 11.11.58	Vacant
2 Carrington Street	4.12.58	Undertaking accepted 13.2.59	Vacant
43 Alfred Street	9.2.60	Undertaking accepted 7.2.61	Vacant
1 Burghley Street	11.10.60	Undertaking accepted 9.12.60	Vacant
4 Green Lane	11.10.60	Undertaking accepted 17.2.61	Vacant
18 Bayes Street	7.2.61	Undertaking accepted 14.4.61	Vacant
26 Ford Street	11.7.61	Closing order made 10.11.61	Vacant
62 King Street	12.9.61	Undertaking accepted 20.11.61	Vacant
		Undertaking cancelled by Council 10.12.63	
79 Albert Street	13.3.62	Purchased	Occupied
4 Queen Street	13.11.62	Undertaking accepted 2.1.63	Occupied

(b) Individual houses represented as Unfit during 1963 and condition
at 31st December, 1963.

	Date Represented	Position at 31st December, 1963	
10 Albert Street	12.2.63	Being purchased	Occupied
62 Havelock Street	9.4.63	Undertaking accepted 10.6.63	Vacant
64 Havelock Street	9.4.63	Undertaking accepted 10.6.63	Vacant
37 Alfred Street	11.6.63	Undertaking accepted 10.9.63	Occupied
39 Alfred Street	11.6.63	Undertaking accepted 10.9.63	Occupied

Table 19

Sanitary Work carried out as a result of Formal
and Informal Action

A. Housing Repairs, etc., Executed

New sewer connections	...	...	...	...	...	4
Houses at which drains were repaired	...	...	...	...	...	2
Inspection chambers constructed or repaired	...	...	...	...	...	13
Drain vent pipes fixed or repaired	...	...	...	...	...	8
Glazed gullies provided and fixed or gully grids provided	...	...	...	...	...	4
Rainwater pipes disconnected from drains	...	...	...	...	...	1
Obstructions removed from drains, w.c's and sewers	...	...	...	...	...	217
Rainwater gutters and downpipes repaired or renewed	...	...	...	...	...	50
Soil pipes repaired or renewed	...	...	...	...	...	1
Inspection chamber covers repaired or renewed	...	...	...	...	...	3
Pail closets replaced with W.C's	...	...	...	...	...	2
Defective W.C. pans and traps repaired or renewed	...	...	...	...	...	17
W.C. provided with flushing cistern or water supply	...	...	...	...	...	5
Flushing cisterns repaired or renewed	...	...	...	...	...	7
Additional W.C. constructed	...	...	...	...	...	1
W.C. provided internally	...	...	...	...	...	1
W.C. seat renewed	...	...	...	...	...	1
Overflow pipes repaired or renewed	...	...	...	...	...	3
Houses provided with sinks	...	...	...	...	...	2
New sinks provided	...	...	...	...	...	3
Bath or sink waste pipes repaired or renewed	...	...	...	...	...	8
Hot water system repaired	...	...	...	...	...	1
Sink waste channel renewed	...	...	...	...	...	1
Water tap provided internally	...	...	...	...	...	2
Coppers repaired or renewed	...	...	...	...	...	2
Water mains repaired	...	...	...	...	...	6
Roofs repaired	...	...	...	...	...	60
Walls repaired internally	...	...	...	...	...	43
Walls repaired externally	...	...	...	...	...	44
Chimney stacks repaired or rebuilt	...	...	...	...	...	19
Outbuildings reconstructed or repaired	...	...	...	...	...	2
Rear additions reconstructed or repaired	...	...	...	...	...	3
Fireplace repaired	...	...	...	...	...	1
Dampness remedied	...	...	...	...	...	36
Ceilings repaired	...	...	...	...	...	48
Ceiling cleansed	...	...	...	...	...	1
Windows repaired	...	...	...	...	...	42
New sashcords fitted	...	...	...	...	...	27
Floors repaired or renewed	...	...	...	...	...	17
Stairs repaired	...	...	...	...	...	2
Handrails provided or renewed	...	...	...	...	...	3
Doors repaired or renewed	...	...	...	...	...	17
Rooms and bedding cleansed	...	...	...	...	...	1
Accumulations of refuse removed	...	...	...	...	...	3

Table 19—continued

A. Housing Repairs, etc., Executed—continued

Refuse receptacles provided	2
Paving to yards and passages repaired	7
Nuisance from poultry keeping abated	1
External redecoration	2
Gates repaired	1
Houses where name and address of owner not in rent book	2
Rent books provided	1
Total ...	750

B. Clubs and Licensed Premises

New sink with hot and cold water provided	2
Sanitary accommodation repaired	4
Additional sanitary accommodation provided	1
Wash-hand basin provided	1
Limewashing and general cleansing carried out	3
Cellar cleansed or repaired	6
Well cover provided and fixed	1
Total ...	18

C. Dairies

Wall plaster repaired	1
Limewashing and cleansing carried out	1
Total ...	2

D. Factory Canteens

Structural defects repaired	4
Drainage repaired	1
Sanitary accommodation redecorated	1
Total ...	6

E. Other Food Premises

Defective spouting, roof etc. repaired or renewed	1
Defective walls and ceilings repaired	6
Defective sinks replaced	4
Hot water supply provided or repaired	17
Wash-hand basins provided or repaired	18
Sink provided	1

Table 19—continued

Regular limewashing or cleansing carried out	...	...	...	...	20
Flushing cistern to W.C. provided	...	...	...	...	1
New urinal constructed	...	...	...	...	1
Adequate lighting and ventilation provided	...	...	...	...	4
Floors repaired	...	...	...	...	8
Redecoration carried out	...	...	...	...	11
Refrigerators provided	...	...	...	...	3
Miscellaneous	...	...	...	...	38
				Total	<u>133</u>
F. Factories					
Defective roofs and spouting remedied	...	...	...	...	1
Defective walls or ceilings repaired	...	...	...	...	1
Cleansing carried out	...	...	...	...	5
Sanitary accommodation improved or repaired	...	...	...	...	9
Artificial light provided to W.C.	...	...	...	...	8
Smoke nuisance abated	...	...	...	...	4
Noise nuisances abated	...	...	...	...	2
Ventilators fitted	...	...	...	...	2
Miscellaneous	...	...	...	...	10
					<u>42</u>
				Grand Total	<u>951</u>

Table 20

Food Premises

Trade	No. of Premises
Bakers	8
Baker and Confectioners	4
Baker, Grocer and General Store	1
Baker and General Store	2
Butcher	8
Butcher and Manufacturer of Preserved Food	32
Cafés	17
Café and Fish Restaurant	1
Café and Confectioners	8
Canteens	27
Clubs	17
Confectioners	21
Wholesale Confectioners and Grocers	1
Confectioners and Grocers	16
Dairies and Purveyors of Milk	8
Fishmongers	19
Fishmongers and Greengrocers	3
Fishmongers and Manufacturer of Preserved Foods	1
Food Hall	5
General Stores	31
General and Off Licence	26
General and Grocer	33
Greengrocers	20
Greengrocers and Confectioners	4
Greengrocers and Grocers	10
Greengrocers and General	21
Grocers	31
Grocers and Off Licence	6
Ice Cream Manufacturers	3
Ice Cream Dealers only	2
Licensed Premises (Public Houses, etc.)	27
Off Licences	5
Mineral Water Manufacturer	1
Beer Bottler	1
School Canteen Kitchens and Dining Halls	8
School Canteen Dining Halls only	9
Slaughterhouses	1
Total	438

Table 21

Registrations or Licences Granted by the Council

Food and Drugs Act, 1955, Section 16 :

Ice-Cream Dealers	...	...	...	...	...	...	169
Ice-Cream Manufacturers	...	...	...	...	...	...	3
Manufacturers of Preserved Foods	...	...	...	...	...	...	37
						Total	<u>209</u>

Milk and Dairies Regulations, 1949 :

Dairies	...	...	...	...	...	...	2
Purveyors of Milk	...	...	...	...	...	...	44
						Total	<u>46</u>

Food and Drugs Act, 1955, Section 62 :

Slaughterhouses	1
-----------------	-----	-----	-----	-----	-----	-----	---

Pet Animals Act, 1951 :

Pet Shops	3
-----------	-----	-----	-----	-----	-----	-----	---

Public Health Acts Amendment Act, 1907 :

Dealers in Old Metal and Marine Stores	9
--	-----	-----	-----	-----	-----	-----	---

Rag Flock and other Filling Materials Act, 1951 :

Dealers	1
---------	-----	-----	-----	-----	-----	-----	---

Slaughter of Animals Acts, 1933 and 1954 :

Slaughtermen	15
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Table 22

**Carcases and Offal Inspected and Condemned
in Whole or in Part**

	Cattle, exclud- ing cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	3356	151	46	6154	6886	Nil
Number inspected	3356	151	46	6154	6886	Nil
Tuberculosis only:						
Whole carcasses condemned	—	—	—	—	1	—
Carcasses of which some part or organ was con- demned	2	—	—	—	38	—
Percentage of the number inspected affected with tuberculosis	0.059	—	—	—	0.56	—
All diseases except Tuberculosis and Cysticerci:						
Specific diseases causing condemnation of whole carcase:						
Emaciation	—	1	—	1	1	—
Fever	1	—	—	3	1	—
Moribund	—	—	—	8	2	—
Oedema	1	—	—	4	1	—
Fever and Injury ...	—	—	—	1	—	—
Peritonitis and Fever	—	—	—	1	1	—
Abscesses	—	—	—	1	4	—
Abscesses and Oedema	—	—	—	—	1	—
Septic Pneumonia ...	1	—	—	—	1	—
Bruising and Injury ...	—	1	—	—	—	—
Septicaemia	1	—	—	—	—	—
Acute Septic Pericarditis	—	1	—	—	—	—
Pyæmia	—	—	—	—	1	—
Carcasses of which some part or organ was con- demned	4	3	—	19	13	—
Percentage of the number inspected affected with disease other than tu- berculosis or cysticerci	769	43	3	149	1316	—
	23.03	30.46	6.52	2.72	19.30	—
Cysticercosis:						
Carcasses in which some part or organ was con- demned	15	2	—	—	—	—
Carcasses submitted to treatment by refrigera- tion	2	1	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

Table 23

Prevalence of, and Control over, Infectious and Other Diseases

Notifiable Diseases (Other than Tuberculosis)
during the year 1963

The following table gives the number and age groups of the cases notified :

DISEASE	All Ages		Under 1 year	1 to 2 years	2 to 3 years	3 to 4 years	4 to 5 years	5 to 10 years	10 to 15 years	15 to 25 years	25 to 45 years	45 to 65 years	Over 65 years	Unknown
	1962	1963												
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	12	9	—	—	3	—	—	6	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (including Typhoid & Paratyphoid) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	29	—	—	—	—	—	—	—	10	19	—	—	—
Pneumonia	15	19	1	—	—	—	—	1	—	1	4	4	8	—
Erysipelas	3	2	—	—	—	—	—	—	—	—	1	1	—	—
Ophthalmia Neonatorum ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis : Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis—Infective ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	9	92	2	3	8	6	2	48	10	3	9	—	—	1
Measles	558	235	7	24	29	29	33	107	3	1	2	—	—	—
Whooping Cough	5	24	5	3	4	5	3	3	1	—	—	—	—	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	5	2	—	—	—	—	—	—	—	1	—	—	1	—
Infectious Hepatitis ...	40	4	—	—	—	—	—	—	—	1	2	1	—	—
TOTALS	648	416	15	30	44	40	38	165	14	17	37	6	9	1

Table 24
Deaths from Cancer, 1954-1963

Year					Total Deaths from Cancer	Cancer Deaths— % of total Deaths	Cancer Deaths—Rate per 1,000 Population
1954	...	...	...	...	71	17.66	1.77
1955	...	...	...	...	95	22.25	2.60
1956	...	...	...	...	73	16.48	1.97
1957	...	...	...	...	81	19.47	2.17
1958	...	...	...	...	94	19.62	2.51
1959	...	...	...	...	73	15.97	1.94
1960	...	...	...	...	77	16.28	2.02
1961	...	...	...	...	95	19.87	2.46
1962	...	...	...	...	74	16.19	1.91
1963	...	...	...	...	98	19.68	2.53

Site	Sex	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	Total
Stomach	Males	11	4	9	6	9	2	8	10	11	7	77
	Females	3	10	3	4	7	2	1	3	2	2	37
Lung of Bronchus	Males	10	19	8	8	19	17	5	17	12	22	137
	Females	2	—	4	2	4	—	1	1	1	3	18
Breast	Females	7	9	5	13	8	3	7	11	12	11	86
Uterus	Females	1	5	2	1	7	6	7	2	3	4	38

Table 25

Tuberculosis

New Cases and Mortality during 1963

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 yr. ...	—	—	—	—	—	—	—	—
1 to 5 ...	—	—	—	—	—	—	—	—
5 to 10 ...	—	—	—	—	—	—	—	—
10 to 15 ...	—	2	—	—	—	—	—	—
15 to 20 ...	—	—	—	—	—	—	—	—
20 to 25 ...	—	1	—	—	—	—	—	—
25 to 35 ...	1	1	1	—	—	—	—	—
35 to 45 ...	1	—	—	—	—	—	—	—
45 to 55 ...	4	1	—	2	—	—	—	—
55 to 65 ...	2	—	—	—	—	—	—	—
65 & over ...	1	—	—	—	—	—	—	—
TOTALS ...	9	5	1	2	—	—	—	—

Form I. (Patients admitted to Sanatoria) ... 17

Form II. (Patients discharged from Sanatoria) ... 19

Table 26

Atmospheric Pollution

Total solids deposited expressed in tons/square mile/month.

Month	Manor House			Satra House		
	Water Soluble	Water Insoluble	Total	Water Soluble	Water Insoluble	Total
January ...	4.72	4.94	9.66	4.80	2.70	7.50
February ...	2.82	3.18	6.00	2.08	2.07	4.15
March ...	5.01	7.66	12.67	4.71	3.78	8.49
April ...	3.27	5.90	9.17	2.98	6.30	9.28
May ...	5.55	3.88	9.43	2.79	5.09	7.88
June ...	*	*	*	3.70	4.84	8.54
July ...	4.24	5.21	9.45	1.66	2.55	4.21
August ...	*	*	*	3.45	2.35	5.80
September ...	2.75	2.17	4.92	1.73	1.93	3.66
October ...	2.33	3.19	5.52	2.44	2.15	4.59
November ...	3.49	3.77	7.26	2.88	2.63	5.51
December ...	2.24	2.83	5.07	1.74	1.87	3.61
Totals ...	36.42	42.73	79.15	34.96	38.26	73.22

Monthly

Average ... 3.642 4.273 7.915 2.914 3.188 6.101

* = Test not carried out due to contamination of collecting bowl.

Daily Volumetric Smoke Filter

Average Daily Reading of Smoke Concentration in microgrammes per cubic metre.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	—	—	—	—	—	47	39	63.9	65.8	89.8	132.2	149
1963	157	134	79	70	56	39	47.1	48.9	58.8	72.8	89.2	119

Average Daily Reading of Sulphur Dioxide Concentration in microgrammes per cubic metre.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	—	—	—	—	—	56.4	51	43	61.7	87.1	144.3	170
1963	225	201	96.3	70	67	31.9	42.8	41.4	57.2	80.4	86.7	120.5

Statement of Accounts

For the year ending 31st December 1922

Particulars	1922	1921
Balance forward	100	100
Profit	100	100
Loss	(100)	(100)
Dividend	100	100
Reserves	100	100
Other	100	100
Total	100	100

The above statement is a true and correct statement of the accounts of the company for the year ending 31st December 1922, as shown by the books and vouchers of the company.

Director

Secretary

Approved by the Board of Directors on 31st December 1922.

Chairman

Particulars	1922	1921
Balance forward	100	100
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Loss	(100)	(100)
Dividend	100	100
Reserves	100	100
Other	100	100
Total	100	100

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