

[Report 1940] / Medical Officer of Health, Nuneaton Borough.

Contributors

Nuneaton (England). Borough Council.

Publication/Creation

1940

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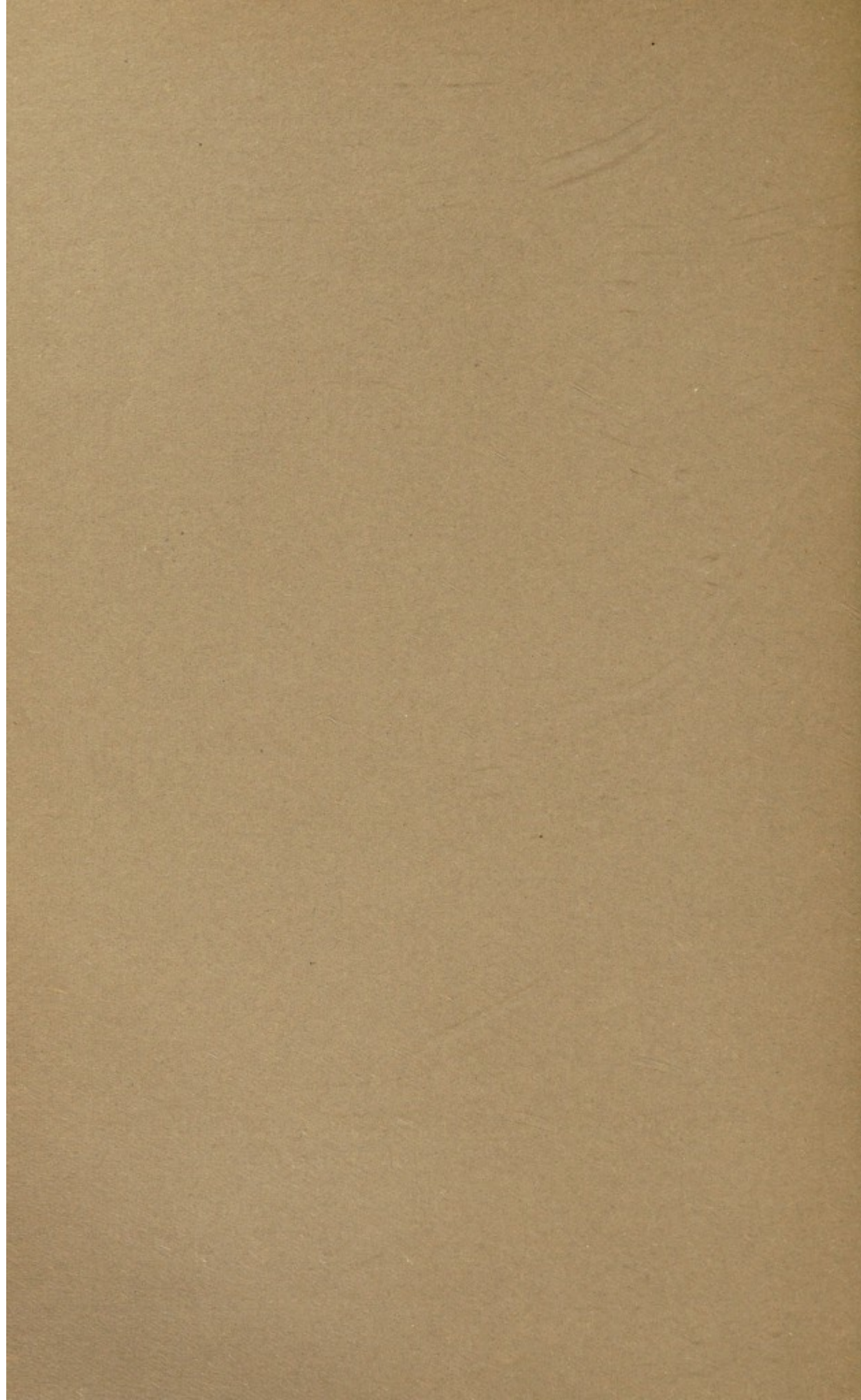
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Borough of Nuneaton

Annual Report
of the
Medical Officer of Health
for 1940.

P. G. HORSBURGH, M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health.



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**Medical Officer of Health
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Medical Officer of Health.

MEMBERS OF THE HEALTH COMMITTEE

(As on 31st December, 1940)

His Worship The Mayor (Councillor J. Bates, J.P.).

The Deputy Mayor (Alderman W. Croshaw).

Chairman: Alderman J. Randle, J.P.

Deputy Chairman: Councillor H. J. Deeming.

MEMBERS:

Councillor W. R. Chamberlain.

„ H. Clark.

„ G. Comley.

„ G. Cooper.

„ D. E. Crew.

„ G. W. Fennell.

„ L. C. S. FitzRoy-Newdegate.

„ A. C. French.

„ W. R. Lee.

„ B. H. Mayo.

„ A. H. Moreton.

„ B. Simpson.

„ P. Woodward.

CO-OPTED MEMBERS—Maternity and Child Welfare Committee.

The Mayoress.

Mrs. W. C. Britten.

Mrs. P. Dixon.

Mrs. L. Smith.

Mrs. G. H. Wheway.

BOROUGH OF NUNEATON

Health Department,
Council House,
Nuneaton.
November, 1941.

To The Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my annual report for the year, 1940.

On the suggestion of the Ministry of Health a curtailed statistical report is submitted to you.

During the year under review the midland area was subjected to much enemy activity. The Borough suffered to some degree, but no concerted attack was delivered on the town.

During the year enemy activity in this and surrounding areas caused much alteration in the domestic life of the people, and during the latter part of the year a great deal of their time was spent in shelters, etc. The poor amenities in shelters caused much loss of rest, but in spite of the abnormal life which a large number of our people were living the general health of the population remained surprisingly high.

The housing conditions in the Borough deteriorated due to the fact that no more houses were built to replace those already condemned, and repairs to existing property have been greatly curtailed owing to lack of labour and materials. The reception into the area of people from other parts of the country and neighbouring towns caused overcrowding, judged by pre-war standards, and it became necessary to re-open certain condemned properties, the necessary repairs being carried out before occupation. This action had to be taken as a temporary measure owing to the shortage of housing accommodation.

At the end of 1940 records show that we received 2118 evacuees into the Borough. Of these 300 had returned to their homes by the end of the year. In addition to the preceding figures it is estimated that some 700 persons came into the area and made their own arrangement for billeting.

In spite of the various adverse circumstances under which the people had to live the vital statistics for 1940 are satisfactory.

No curtailment of the facilities as provided in peace time has taken place at the clinics.

The water supply to this district has been closely watched by this Department, in co-operation with the Borough Surveyor, Mr. R.C. Moon.

We had damage to water mains due to enemy action and all necessary steps were taken to prevent any pollution of the town's water supply. The Water Department, at all times, whilst repairing damage took all precautions to prevent risk of contamination. Repairs which they were called upon to carry out were always done with the utmost despatch, and very little inconvenience was caused to the people of the town.

The Department has had many additional duties put upon it by the Civil Defence Authorities. This has called for very great efforts by all members of the staff of the Health Department, and they have given unstintingly of their time and energy in the various branches of Civil Defence which they have been called upon to perform.

It will be seen from the tables that we suffered no major epidemics of infectious disease. In fact, infectious disease showed a marked diminution of all notifiable diseases, for example diphtheria showed the lowest number of reported cases for many years.

Scabies, although not a notifiable disease, showed a marked increase. Treatment, including bathing, was carried out at the School Clinics.

I would like to record my appreciation to the Chairman and Members of the Health Committee for the great interest they have taken in the work of the Department, and of the sympathetic manner they have dealt with all matters brought before them.

In view of the fact that my Department is so intimately involved in Civil Defence activities, I take this opportunity of recording my thanks to the Chairman (His Worship The Mayor) and all members of the War Emergency Committee for the interest they have taken in the Casualty Service, and in the helpful way they have dealt with all matters brought before them.

In these times of stress one fully appreciates the loyalty and energy of the staff of one's own department, and I cannot speak too highly of the manner in which the staff carried out their duties and special recognition must be recorded to those members who are carrying out Civil Defence duties in addition to their own work.

I am,

Mr. Chairman, Ladies and Gentlemen,

Your obedient servant,

P. G. HORSBURGH,

Medical Officer of Health.

STAFF OF HEALTH DEPARTMENT

as on December 31st, 1940.

Medical Officer of Health, School Medical Officer, Superintendent Isolation Hospital, Superintendent Maternity and Child Welfare Clinics. Medical Officer, Venereal Disease Clinic.	}	P. G. HORSBURGH, M.P.C.S., L.R.C.P., D.P.H.
Assistant Medical Officer of Health and Assistant School Medical Officer.	}	H. BURNS, O.B.E., M.B., Ch.B. (Edin.) (On Active Service)
Temporary Assistant Medical Officer	}	G. K. G. COOTE, M.B., B.S., M.R.C.S., L.R.C.P. (Com- menced 18th March, 1940).
Chief Sanitary Inspector and Meat Inspector.	}	F. W. MORTIMER, C.R.S.I., Cert. Meat Inspector, San. Science, M.S.I.A.
Additional Sanitary Inspectors and Meat Inspectors.	}	F. G. GANE, A.R.S.I., M.S.I.A., Cert. Meat Inspec- tor. S. B. ACTON, Cert. S.I.B. R. C. STUTTLE, Cert. S.I.B. (On Active Service).
Pupil Sanitary Inspector.		A. W. BROWN.
Health Visitors.		*Mrs. G. N. ABBOTT, Cert. C.M.B. *Miss E. K. DEARN, Cert. C.M.B. *Miss L. MACPHERSON, Cert. C.M.B. Miss K. T. FLYNN, Cert. C.M.B.
Midwifery Service Supervisor ;		Miss D. KING, S.R.N., Cert. C.M.B.

Midwives :	Miss L. DICKESON, Cert. C.M.B. E. L. FISHER, S.R.N., Cert., C.M.B. Miss C. FOWLER, S.R.N., Cert. C.M.B. Miss I. H. LAKE, Cert. C.M.B. Miss S. A. PULLAN, S.R.N., Cert. C.M.B. Miss E. M. SHEADER, Cert. C.M.B. Mrs. M. S. WATSON, Cert. C.M.B.
Dental Surgeon :	T. H. THOMPSON, L.R.C.P. & S., L.D.S., R.C.S.
Dental Attendant :	Miss L. JACKSON.
Isolation Hospital—Matron.	Miss A. RAWBONE.
Clerks.	W. WOOD (Chief Clerk). I. BIGGS. M. FOSKETT.

PART-TIME OFFICERS :

Consulting Surgeon—Puerperal Fever Regulations.	SIR BECKWITH WHITEHOUSE, M.S. (Lond.), M.B., B.S., F.R.C.S. (Eng.), Ch.M. (Birm.)
Consultant—Gynæcological Clinic.	
Consulting Surgeon—Isolation Hospital.	C. A. RAISON, M.B., Ch.B. (Birm.), F.R.C.S. (Eng.)
Medical Officer—Ante-Natal Clinics.	F. SELBY TAIT, M.B., Ch.B., F.R.C.S., M.R.C.S., L.R.C.P. (On Active Service).
	B. M. WILLMOTT DOBBIE, M.A. (Camb), M.B., F.R.C.S., M.R.C.S., L.R.C.P.
Orthopædic Surgeon.	F. W. ALLEN, M.B., Ch.B., F.R.C.S., M.R.C.S., L.R.C.P.
Orthopædic Nurse : Sister-in-Charge.	SISTER FINTON.

*Health Visitor's Certificate.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area	...	...	...	...	...	...	...	11,684
Registrar-General's estimate of resident population, mid-1940	...	...	...	...	...	...	...	48,950
Number of inhabited houses (end 1940) according to Rate Books	...	...	...	...	...	...	...	13,318
Sum represented by a penny rate	...	...	...	...	...	...	...	£993
Rateable Value	...	...	...	...	...	...	...	£254,178

VITAL STATISTICS

	Total	M.	F.
Live Births:—Legitimate	857	465	392
Illegitimate	28	15	13
Birth Rate per 1,000 estimated population mid-1940	18.0		
Stillbirths	36	15	21
Rate per 1,000 total (live and still) births	39.0		
Deaths	531	284	247
Death Rate per 1,000 estimated average population	10.8		
Deaths from puerperal causes:—			

	Deaths	Rate per 1,000 total (live and still) births
Puerperal sepsis	2	2.1
Other puerperal causes	1	1.07
Total	3	3.2

Death Rate of Infants under one year of age:—

All infants per 1,000 live births	58.1
Legitimate infants per 1,000 legitimate live births	59.6
Illegitimate infants per 1,000 illegitimate live births	35.7

Deaths from Cancer (all ages)	63
„ „ Measles (all ages)	—
„ „ Diarrhoea (under 2 years of age)	2
„ „ Whooping Cough (all ages)	3

DEATHS

	England & Wales	Nuneaton
Rates	14.3	10.8

CAUSES OF DEATHS, 1940

Cause of death.	Males	Females	Total
All causes	284	247	531
Typhoid and Paratyphoid	—	—	—
Measles	—	—	—
Scarlet Fever	—	—	—
Diphtheria	—	—	—
Whooping Cough	1	2	3
Influenza	5	2	7
Pneumonia (all forms)	12	8	20
Bronchitis	22	20	42
Other respiratory diseases	8	2	10
Tuberculosis—respiratory system ..	12	19	31
Tuberculosis—other forms	5	2	7
Acute Infantile encephalitis	1	1	2
Cerebro Spinal Meningitis	—	—	—
Cancer	31	32	63
Diarrhoea (under 2 years of age) ..	—	2	2
Ulcer of stomach or duodenal	4	3	7
Appendicitis	—	1	1
Other digestive system	4	6	10
Nephritis	8	4	12
Heart disease	59	53	112
Other diseases of circulatory system	7	6	13
Diabetes	3	6	9
Cerebral Hæmorrhage	21	21	42
Puerperal & Post abortive sepsis ..	—	2	2
Other maternal causes	—	1	1
Premature birth	8	6	14
Congenital malformation, birth, injury, etc.	14	9	23
Syphilitic diseases	2	—	2
Suicide	3	2	5
Road Traffic accidents	3	—	3
Other violent causes	30	9	39
All other causes	21	28	49

BIRTHS

England & Wales.

Nuneaton.

Birth Rate

14.6

18.0

Ward	Legitimate.				Illegitimate.				Total.		
	Males	Females	Total		Males	Females	Total		Males	Females	Total
Attleborough ...	37	45	82	...	2	—	2	...	39	45	84
St. Nicholas ...	81	78	159	...	3	2	5	...	84	80	164
Manor ...	39	23	62	...	1	—	1	...	40	23	63
St. Mary ...	33	39	72	...	—	5	5	...	33	44	77
Arbury ...	57	57	114	...	—	1	1	...	57	58	115
Chilvers Coton ...	58	45	103	...	—	1	1	...	58	46	104
Galley Common ...	73	45	118	...	—	—	—	...	73	45	118
Stockingford ...	85	59	144	...	4	1	5	...	89	60	149
Inward Transfers	2	1	3	...	5	3	8	...	7	4	11
TOTALS ...	465	392	857	...	15	13	28	...	480	405	885

England & Wales Nuneaton.
Infantile Mortality Rate 55 58.1

ANALYSIS OF INFANT DEATHS, 1940

Causes of Death	Under 1 week	1-2 wks	2-3 wks	3-4 wks	Total und'r 4 wks	1-3 mths	3-6 mths	6-9 mths	9-12 mths	Total under 1 year
Prematurity	13	1	—	—	14	—	—	—	—	14
Congenital Defects	4	2	1	—	7	2	2	1	—	12
Misadventure	1	—	—	1	2	—	—	—	—	2
Convulsions	—	—	—	—	—	—	1	—	—	1
Bronchitis	—	—	2	—	2	1	1	—	1	5
Pneumonia	—	—	—	—	—	—	1	1	2	4
Whooping Cough	—	—	—	—	—	—	1	1	—	2
Acute Gastro Enteritis	—	—	—	—	—	1	—	—	1	2
Marasmus	—	—	1	—	1	—	—	—	—	1
Other Causes	5	3	—	—	8	—	—	1	—	9
Totals ..	23	6	4	1	34	4	6	4	4	52

INFANT DEATHS—WARD

Ward	Males	Females	Total
Attleborough	...	3	3
St. Nicholas	...	6	11
Manor	...	1	4
St. Mary	...	2	6
Arbury	...	3	7
Coton	...	2	7
Galley Common	...	2	5
Stockingford	...	2	9
Totals	...	21	52

VITAL STATISTICS, 1901—1940

Year	Popula- tion	No. of Deaths	No. of Births	No. of Infant Deaths	Death Rate	Birth Rate	Infantile Mortality
1901	25,239	362	943	136	14.3	37.3	131
1902	26,084	364	903	117	13.9	34.6	144
1903	27,182	386	935	142	14.2	34.8	151
1904	28,159	423	1024	149	15.0	36.3	144
1905	29,709	384	977	113	12.7	32.8	115
1906	32,255	420	1043	167	13.0	32.3	160
1907	32,580	377	1026	138	11.5	30.1	134
1908	33,706	355	1163	110	10.5	34.5	94
1909	36,041	378	1135	104	10.4	31.2	91
1910	37,267	375	1200	117	10.0	32.2	97
Ten year Average	30,822	382	1034	129	12.5	33.6	126
1911	37,531	446	1173	133	11.8	31.2	113
1912	38,725	438	1155	120	11.3	29.6	103
1913	39,636	467	1166	122	11.7	29.4	104
1914	40,091	526	1200	143	13.1	29.9	119
1915	38,652	542	1053	123	14.0	27.2	116
1916	40,908	436	1008	79	11.5	24.6	78
1917	42,004	440	958	92	11.6	22.8	96
1918	40,817	602	891	90	16.5	22.0	100
1919	41,146	434	936	86	10.9	22.7	92
1920	41,128	397	1220	102	9.6	29.5	83
Ten year average	38,697	472	1076	109	12.2	26.8	100
1921	41,901	416	1135	76	9.9	27.0	66
1922	43,410	427	1062	83	9.8	24.4	78
1923	44,030	416	996	75	9.4	22.6	75
1924	44,620	438	971	57	9.7	21.6	58
1925	45,170	501	975	76	11.09	21.5	77.9
1926	45,200	369	861	43	8.1	19.0	49
1927	46,170	469	863	77	10.1	18.6	89.2
1928	45,440	393	863	55	8.6	18.0	63.7
1929	45,490	557	796	47	12.2	17.49	59.04
1930	45,490	457	876	47	10.0	19.2	53.5
Ten year average	44,152	444	939	63	9.9	20.9	66.9
1931	46,640	491	820	50	10.5	18.0	59.4
1932	46,830	485	844	50	10.3	18.02	59.2
1933	47,160	531	777	54	11.2	16.4	69.4
1934	47,480	457	724	43	9.6	15.2	59.3
1935	47,750	482	771	50	10.09	16.1	64.8
1936	47,940	485	739	41	10.1	15.2	55.4
1937	48,430	499	797	41	10.3	16.4	51.4
1938	48,864	498	879	47	10.1	17.9	53.4
1939	49,670	515	836	55	10.3	16.8	65.7
1940	48,950	531	885	52	10.8	18.0	58.1

LABORATORY FACILITIES

As in the past the examination of swabs for diphtheria, blood for typhoid, etc., has been carried out by the Public Health Laboratories at Birmingham.

Water samples for bacteriological analysis are also forwarded to this Laboratory. Water samples for chemical analysis are sent to Messrs Bostock, Hill and Rigby.

FOOD AND DRUGS ACT, 1938.

Sixty-three samples were obtained under the above Act, these were as follows:—

Milk	...	...	...	...	56
Butter	...	...	...	...	7

Of these samples fifty-nine were informal, and four were formal. Analysis proved the following results:—

Unsatisfactory	...	...	...	...	6
Genuine	...	...	...	...	57

The unsatisfactory samples were:—

Sample No. 9 (informal)	Deficient 13% fat.
„ „ 13 (informal)	Deficient 10% fat.
„ „ 19 (formal)	Deficient 10% fat.
„ „ 26 (informal)	Deficient 3% fat.

All the above samples were from one vendor. Appeal to cows samples proved genuine. Upon enquiries it was found that the fat deficiency in one churn was due to improper mixing of milk. Subsequent samples from this vendor have proved genuine.

Sample No. 41 (informal)	Deficient 10% fat.
„ „ 48 (informal)	Contained 2% extraneous water.

Subsequent samples from the vendors of the above proved genuine.

AMBULANCE FACILITIES

This service remains unaltered.

The Corporation have two ambulances for non-infectious cases, and one for the removal of cases of infectious disease.

NURSING IN THE HOME

(a) The Nuneaton and District Nursing Association carried out its very important work in the Borough during the year.

The Secretary of this Association has kindly supplied me with the following particulars regarding cases of pneumonia:—

Number of cases	...	...	...	...	26
Number of visits paid	...	...	...	...	460

The Chapel End and District Nursing Association have also attended cases in the Galley Common area.

(b) INFECTIOUS DISEASE.

Cases of infectious disease not removed to the Isolation Hospital have been visited by the staff of the Bramcote Isolation Hospital.

The following table shows the number of cases visited and the number of visits paid :—

NEW CASES AND VISITS FOR 1940

Disease.	St. Mary's		Manor		S. Nicholas		Attleboro'		Coton		Arbury		S'ford		GalleyCom		Total	
	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V	C	V
Scarlet Fever ..	2	12	5	14	4	28	2	8	—	—	3	9	1	6	4	12	21	89
Measles ..	2	3	18	25	56	61	70	80	57	67	26	22	39	52	18	23	286	333
Diphtheria ..	—	—	—	—	—	—	—	—	1	3	—	2	—	—	—	—	1	5
Whooping Cough	5	7	5	6	10	18	5	8	16	26	13	28	4	8	4	5	62	106
Chickenpox ..	—	—	—	—	—	—	1	1	—	—	1	3	—	—	1	1	3	5
Erysipelas ..	1	1	1	1	1	1	3	3	3	4	1	2	4	8	3	3	17	23
Total																	390	561

C — Cases. V — Visits.

CLINICS.

Service.	Situation of Premises.	Days Open.	Authority Responsible.
Maternity and Child Welfare: Welfare Centres	Coton Road (entrance Riversley Park)	Mondays, Tuesdays and Wednesdays, 2 to 4 p.m.	Borough Council.
	Cross Street	Mondays and Wednesdays, 2 to 4 p.m.	ditto.
Ante-Natal Centre	Coton Road	2nd and 4th Thursday in month, 2.15 p.m.	ditto.
	Cross Street	1st and 3rd Thursday in month, 2.15 p.m.	ditto.
Gynæcological Clinic ..	Coton Road	1st Monday in month, 9 a.m. to 12 noon.	ditto.
Dental Clinic ..	Coton Road	Every Thursday, 2 p.m. to 4 p.m.	ditto.
1-5 Minor Ailment Clinic	Coton Road and Cross Street	9 to 10 a.m. each morning.	ditto.
School Medical Service: Treatment and Inspection Clinics ..	Coton Road	Every week-day morning 9 a.m. to 12 noon.	Education Committee.
	Cross Street	ditto.	
Eye Clinic ..	Coton Road	Monday, 1.30 p.m.	ditto.
Tonsil and Adenoid Clinic	ditto.	Thursdays, 9 a.m.	ditto.
Ear Clinic ..	ditto.	As occasion arises.	ditto.
Orthopædic Clinic ..	ditto.	Last Friday in month, 2 p.m. Intermediate treatment weekly, Friday, 2 to 5 p.m.	ditto.

CLINICS—Continued.

Service.	Situation of Premises.	Days Open.	Authority Responsible.
Sunray ..	Coton Road	Thursday, 2 to 4 p.m. Saturday, 9 a.m. to 12 noon.	Education Committee.
Dental Clinic ..	Coton Road	Monday and Tuesday, 9 a.m. to 5 p.m. Wednesday, 9 a.m. to 1 p.m. Thursday, 9 a.m. to 1 p.m. Friday, 9 a.m. to 5 p.m. Saturday, 9 a.m. to 12 noon.	ditto. ditto.
M. & C.W. ..	Coton Road	Every Thursday, 2 p.m.	Under Borough Council.
Tuberculosis Dispensary ..	35, Coton Road (converted dwelling)	Tuesday, 10 a.m. to 4 p.m.	Warwickshire and Coventry Joint Committee for Tuberculosis.
Venereal Diseases Male Clinics ..	Cleansing Station, Central Avenue	Fridays, 6 to 7.30 p.m.	Medical Officer of Health in attendance.
Female Clinics	ditto.	Tuesdays, 5.30 p.m. to 7.30 p.m. (Intermediate daily treatment also provided.) Males: 6.30 p.m. (Tuesday excepted.) Females By appointment.	ditto. Under Warwickshire County Council.

Gynæcological Clinic.

The table given below gives the attendances at these clinics:—

The following cases were seen by him during the year:—

No. of sessions	...	...	...	...	9
Number of cases	...	...	...	...	47
Number of re-attendances	...	...	...	...	11

MATERNITY AND CHILD WELFARE

I give below details of the work carried out by the four Health Visitors:—

Home visiting of babies under 1 year	...	...	6,926
Home visiting of babies between 1—5 years	...	10,702	
Home visiting of expectant mothers	...	277	
Home visiting of measles under 5 years (visits)	...	109	
Diseases of respiratory system	...	327	
Diseases of digestive system	...	220	
Diseases of special senses	...	134	
Surgical Dressings	...	139	
Diseases of the Skin	...	228	
Diseases of breast (mother)	...	32	
Diseases not classified	...	140	
Wholly breast fed	...	687	
Wholly hand fed	...	159	
Mal fed	...	—	

CLINICS

Below will be found details of attendances and the various ailments found at these Centres:—

Welfare Sessions—Nuneaton Centre	...	154
Attendance of babies	...	9,740
Welfare Sessions—Stockingford Centre	...	100
Attendance of babies	...	3,801

	Nuneaton	Stockingford
No. of babies on register, 1st Jan., 1940	967	496
No. of babies added during 1940	577	243
No. ceased to attend	528	142
No. on register, 1st Jan., 1941	1,016	597
Total attendances made	10,317	3,801

The following Table shows the various diseases dealt with by the Medical Officers at the Centres:—

	Nuneaton	Stockingford
Normal babies	447	113
Diseases of digestive system	215	212
Diseases of respiratory system	129	101
Diseases of skin	176	133
Diseases of eye	76	38
Diseases of nose, ear and throat	109	57
Congenital diseases	2	13
Hernia and Phimosis	323	120
Orthopædic conditions	23	21
Rickets	7	2
Surgical cases	83	25
Other diseases	468	147
Dental defects	21	19

CHILD LIFE PROTECTION

The following is a summary of work carried out by the four Health Visitors, under the Child Life Protection Act:—

1. Number of foster parents on register 3
2. Number of children on register:—
 - (a) at the end of the year 3
 - (b) who died during the year —
3. Number of cases in which proceedings were taken —

ORTHOPÆDIC CLINIC

The effect of the war on the work of the Orthopædic Clinic has not been so great as was to have been expected. The utilization of the premises for A.R.P. purposes at first caused some dislocation, but difficulties were soon overcome.

Admissions to hospital during the year have had to be curtailed mainly owing to the mass evacuation of the Birmingham Children's Hospital to Coleshill at the beginning of the war and the subsequent retention there of over 40 of their cases, but in spite of this, no child needing urgent hospital treatment has been delayed for any appreciable length of time.

The numbers treated as Out-Patients have shewn a remarkable increase. This is due partly to children evacuated into the district from Coventry and Birmingham, but also partly to increasingly strict supervision at the schools, the result of which is shewn by the decrease in numbers treated for flat foot, as these being discovered earlier can be cured in a shorter time. The number of cases of rickets also shews a steady decline.

In spite of their increasing work and many difficulties, the School Nursing Staff have competed whole-heartedly and their efforts have been greatly appreciated.

The following is a record of the work for 1940:—

	School	Adults	Infants	Total
Tuberculosis	8	12	—	20
Spastic Paralysis	11	—	2	13
Infantile Paralysis	4	—	1	5
Rickets	17	—	11	28
Bone Injuries	21	7	1	29
Spinal Deformities	27	5	1	33
Flat Foot	53	—	7	60
Claw Foot	9	—	5	14
Club Foot	1	—	1	2
Other Conditions	66	—	14	80
Number of New Cases ...	60	1	25	86
Number of Cases carried on from previous year	145	11	22	178
Number treated in Hospital	8	—	2	10
Instruments supplied ...	38	6	12	56
Clinics by M.O.	—	—	—	11
Attendances at same ...	435	20	193	648
Treatment clinic	962	10	356	1,328
Total Attendances	1,397	30	549	1,976
Number discharged	109	—	19	128

WATER

The average daily consumption of water in the Borough during 1940 was 1,276,498 gallons, which is 42,479 more than in 1939. The maximum consumption in any one day was 1,943,000 gallons.

Various samples taken for analysis show the water to be satisfactory and appended are the results of the latest analyses.

Bacteriological examination of water taken from Tuttle Hill Reservoir:—

	Before Treatment.	After Treatment.
Organisms per c.c. at 37° C. ...	... 5	2
Organisms per c.c. at 20° C. ...	... 20	7
Organisms indicative of sewage contamination	Absent from 100 c.c.	
Bacteriological examination of Whittleford water:—		
Organisms per c.c. at 37° C. ...	... ..	1
Organisms per c.c. at 20° C. ...	... ..	1
Organisms indicative of sewage contamination	Absent from 100 c.c.	

CHEMICAL ANALYSIS.

	Tuttle Hill Reservoir Chlorinated and Filtered.	Whittleford.
Free and Saline Ammonia ..	0.001 .	0.000
Albuminoid Ammonia	0.016	0.002
Chlorine in Chlorides	1.900	3.39
Nitrogen in Nitrates and Nitrites	0.020	0.025
Oxygen absorbed from perman- ganate at 80° F. in 4 hours ..	0.170	0.022
Total Solids dried at 100° C. ..	26.000	
Hardness: Temporary	4.800	20.0
Permanent	14.400	24.0
Total	19.200	44.0
Appearance *	*Bright—few small particles. Chlorine absent.	*Bright and Clear. Chlorine absent.

PUBLIC CLEANSING

The approximate weight of refuse collected during the year was 10,293 tons.

The plant for the disposal of offals, condemned meat, fish, etc., for the production of fertilizers and feeding stuffs, etc., has been working satisfactorily and has produced the following during the year:—

	Tons	cwts.	qtrs.
No. 1 fertiliser	37	17	0
No. 2 fertilizer	7	14	1
Bone meal	2	2	2
Dried blood	1	1	0
Meat meal	10	15	2
Grease and fats	16	14	3

The scheme for the weekly collection of waste paper from householders has been in operation during the whole of the year and has produced 345 tons.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices	Occupiers prosecuted
Factories (including Factory Laundries)	19	2	—
Workshops (Including Workshop Laundries)	7	—	—
Workplaces (Other than Outworkers' premises)	—	—	—
Total	26	2	—

2.—Defects Found in Factories, Workshops and Workplaces.

Particulars.	Number of Defects			Number of offences in respect to which Prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	5	5	—	—
Want of Ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors	—	—	—	—
Other Nuisances	—	—	—	—
Sanitary Accommodation—				
Insufficient	—	—	—	—
unsuitable or defective	18	18	—	—
not separate for sexes	—	—	—	—
Total	23	23	—	—

*Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

INSPECTIONS BY SANITARY INSPECTORS, 1940

To Dwelling Houses:—

Disinfections after infectious disease	...	...	126
Disinfestations for vermin	...	...	90
Re infectious diseases	...	...	113
For drain testing	...	...	32
Inspections under Housing Acts	...	...	—
Re-inspections under Housing Acts	...	...	125

To other Premises:—

Factories and Workshops	...	...	26
Lodging House	...	...	5
Knacker's Yard	...	...	1
Offensive Trades	...	...	2
Shops inspected	...	...	7
Smoke Observations	...	...	3

To Food Preparing Places:—

Meat Preparing Places	...	...	256
Fried Fish Shops	...	...	12
Slaughterhouses	...	...	143
Dairies, Milkshops and Cowsheds	...	...	8
Abattoir	...	...	1,416
Bakehouses	...	...	24
Butchers' Shops, Stalls, and Vans	...	...	232

Miscellaneous Visits:—

Miscellaneous Visits	...	...	1,448
Visits re Rat Repression	...	...	65

NUISANCES ABATED

Dwelling Houses:—

Defective walls and ceilings repaired	...	...	55
Roofs repaired	...	...	30
Chimneys repaired	...	...	7
Spouting repaired or new provided	...	...	16
Filthy houses cleansed	...	...	8
Defective floors repaired or renewed	...	...	39
Dangerous stairs repaired	...	...	10
Windows made to open	...	...	29
Fireplaces repaired or rebuilt	...	...	20
Coppers repaired or rebuilt	...	...	3
Sinks and waste pipes provided	...	...	18
New water services provided	...	...	14
Yard paving repaired	...	...	12
Houses re-pointed	...	...	21
New doors provided	...	...	6
Dangerous walls rebuilt	...	...	2
Food storage accommodation improved	...	...	4
New pantries built	...	...	1

Drainage, etc:—

Drainage cleared from obstruction	167
Drainage inspection chambers provided or repaired	...	...	9
New drainage provided	...	...	3
New gullies provided	...	...	4
Ventilating shafts improved	...	...	3
Defective drains relaid	...	...	4

Closest Accommodation:—

Water closet cisterns repaired or renewed	...	...	40
Water closets thoroughly repaired	...	...	29
Additional water closets provided	...	...	2
New w.c. basins and traps provided	9

Domestic Refuse:—

Dustbins provided	77
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Other Nuisances:—

Offensive accumulations removed	4
Rat infested premises cleared	29
Nuisances from keeping animals	6

Factories and Workshops:—

Premises limewashed	1
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BUILDING PROGRESS

1940

	Attle- borough	St. Nicholas	Manor	St. Mary	Arbury	Coton	Galley Common	Stoke- ingford	Total
Private Enterprise:—									
Subsidised	—	—	—	—	—	—	—	—	—
Non-subsidised	6	9	—	4	5	—	2	—	26
Municipal	—	—	—	—	—	—	—	—	—
	6	9	—	4	5	—	2	—	26

HOUSING

(a) Statistics.

Number of new houses erected during the year:—

Total	...	...	...	...	...	...	26
(i) By the Local Authority	...	...	...	...	...	...	—
(ii) By other Local Authorities	...	...	...	...	...	...	—
(iii) By other bodies and persons	...	...	...	...	...	...	26

Active housing work had perforce to cease during the year.

The Council saw fit to make demolition orders in six instances, and accepted undertakings not to relet in two instances.

Houses demolished during the year were as follows:—

Individual unfit houses	...	...	...	...	4
Houses included in clearance areas	...	...	...	...	50

MILK SUPPLY

The number of cowkeepers and persons registered to sell milk within the Borough is 138 allocated as follows:—

Premises in Borough in which cows are kept ...	67
Number of milk retailers resident in the Borough (other than cowkeepers)	51
Number of milk producers (wholesale) whose premises are situate outside the Borough ...	11
Number of retailers whose premises are situate outside the Borough	9

During the year 8 visits of inspection were made to the various premises.

MEAT INSPECTION.

Annual Report for the year ended 31st day of December, 1940.

CARCASES INSPECTED AND CONDEMNED.

Detail	Cattle excluding cows	Cows	Calves	Sheep & Lambs	Pigs
Number killed	2,435	1,319	1,288	19,265	3,195
Number inspected	2,435	1,319	1,288	19,265	3,195
All diseases except Tuberculosis:					
Whole carcasses condemned	4	28	33	51	21
Carcases of which some part or organ was condemned	240	283	3	380	119
Percentage of the number inspected affected with disease other than Tuberculosis	11.33	22.58	2.87	2.21	4.37
Tuberculosis only:					
Whole carcasses condemned	20	57	9	—	9
Carcases of which some part or organ was condemned	458	863	7	—	381
Percentage of the number inspected affected with Tuberculosis	19.54	69.75	1.24	—	12.20

OTHER ARTICLES OF FOOD CONDEMNED

No.	Detail	Cause of Condemnation	Weight			
			Tons	Cwts.	Qrs.	lbs.
2	Bags of Sweetbreads	Mould.			1	2
2	Chickens	Decomposition.				8
1	Carcase of Frozen Mutton	Emaciation.				23
14	Boxes of Cod Fillets	Decomposition.		5	2	
1	Box of Headless Cod	do.			3	14
1	Each Bovine Tongue, Spleen and Liver	do.				19
—	Bacon	do.			2	27
—	Ham	do.				8
2	Boxes Sausage Meat	do.			3	2
—	Portions of Hindquarters of Beef	Bone Taint.		1	2	24
1	Portion of Forequarter of Beef	Decomposition.				24
1	Carcase of a Cow	do.		4	2	8
—	Portions of Sheep Carcases	do.			1	24
1	Forequarter of New Zealand Lamb	Abscesses.				23
1	Porker and Pluck	Decomposition.		1		16
381	Rabbits	Decomposed & Blown, etc.		7	1	13
12	Hares	Decomposed & Blown, etc.			1	23
—	Sausages	Decomposition.			1	5
3	Tins Foreign Eggs	Burst, etc.			3	
2	Tins Beef	Blown, etc.				8
16	Tins Salmon & other Fish	do.				20
10	Tins Fruit	do.				12
Total Weight:			1	6		23

DISINFECTIONS

The disinfection of all premises, houses, bedding, etc., is carried out by the Sanitary Inspectors after cases of infectious disease. Steam disinfection is available for bulky goods, such as bedding, etc. Spraying or fumigation with Formalin is the method employed in houses.

Number of rooms disinfected 126

NOTIFICATION OF INFECTIOUS DISEASES.

	Total Cases Notified												Total Deaths											
	0-1	1-2	2-3	3-4	5-10	10-15	15-20	20-35	35-45	45-65	+	Total	0-1	1-2	2-3	3-4	5-10	10-15	15-20	20-35	35-45	45-65	+	Total
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ...	—	—	—	4	3	20	7	5	2	—	—	42	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	—	—	—	2	2	4	2	2	1	—	—	16	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever (includ'g Paratyphoid)	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	8	16	22	29	61	134	3	15	2	—	—	286	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	7	13	9	11	9	17	—	2	1	—	—	4	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas...	—	—	—	1	—	—	—	3	4	5	9	66	—	2	1	—	—	—	—	—	—	—	—	—
Pneumonia	2	2	2	—	3	2	3	10	11	7	3	48	4	2	1	—	—	—	1	2	2	2	8	20

TUBERCULOSIS.
New Cases and Mortality, 1940.

Age Period.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1								
1-5		1	1	2			2	
5-10		2	3	3				
10-15	1	3	2	1			1	
15-20	3	2	2	1	3	2		
20-25	2	6	1		1	6		
25-35	4	4	2		5	6		2
35-45	2	3			2	2		
45-55	6	1	1			1		
55-65	2					1		
65-over						1		
Totals	20	22	12	7	11	19	3	2

	Lungs	Other
Not Notified	1	2
Of the 1940 notified cases.—Left the district	5	—
Of the 1940 notified cases.—Cured ...	1	3

The following table gives the details of the cases admitted to the Isolation Hospital.

Disease.	Borough Cases						Outside Authorities Cases					
	Admitted			Deaths			Admitted			Deaths		
	M	F	T'tl.	M	F	T'tl.	M	F	T'tl.	M	F	T'tl.
Scarlet Fever	11	10	21				5	15	20			
Diphtheria	9	6	15									
Cerebro Spinal Meningitis	1	3	4				2		2	1		1
Erysipelas		1	1									
Measles	3		3					3	3			
Pneumonia							1		1			
Observation	1	1	2									
Total ...	25	21	46				8	18	26	1		1

STUDY OF TUBERCULOSIS

New Cases and Deaths, 1940

Age Group	New Cases				Deaths			
	Male	Female	Total	Rate	Male	Female	Total	Rate
0-4	10	15	25	0.1	5	10	15	0.05
5-9	15	20	35	0.15	10	15	25	0.1
10-14	20	25	45	0.2	15	20	35	0.15
15-19	30	35	65	0.3	25	30	55	0.25
20-24	40	45	85	0.4	35	40	75	0.35
25-29	50	55	105	0.5	45	50	95	0.45
30-34	60	65	125	0.6	55	60	115	0.55
35-39	70	75	145	0.7	65	70	135	0.65
40-44	80	85	165	0.8	75	80	155	0.75
45-49	90	95	185	0.9	85	90	175	0.85
50-54	100	105	205	1.0	95	100	195	0.95
55-59	110	115	225	1.1	105	110	215	1.05
60-64	120	125	245	1.2	115	120	235	1.15
65-69	130	135	265	1.3	125	130	255	1.25
70-74	140	145	285	1.4	135	140	275	1.35
75-79	150	155	305	1.5	145	150	295	1.45
80-84	160	165	325	1.6	155	160	315	1.55
85-89	170	175	345	1.7	165	170	335	1.65
90-94	180	185	365	1.8	175	180	355	1.75
95-99	190	195	385	1.9	185	190	375	1.85
Total	1,200	1,300	2,500	1.2	1,100	1,200	2,300	1.1

The following table gives the details of the cases reported to the Tuberculosis Hospital.

of the total number of cases reported to the Tuberculosis Hospital, 1,200 males and 1,300 females, 1,100 males and 1,200 females were reported to the Tuberculosis Hospital.

Age Group	New Cases				Deaths			
	Male	Female	Total	Rate	Male	Female	Total	Rate
0-4	10	15	25	0.1	5	10	15	0.05
5-9	15	20	35	0.15	10	15	25	0.1
10-14	20	25	45	0.2	15	20	35	0.15
15-19	30	35	65	0.3	25	30	55	0.25
20-24	40	45	85	0.4	35	40	75	0.35
25-29	50	55	105	0.5	45	50	95	0.45
30-34	60	65	125	0.6	55	60	115	0.55
35-39	70	75	145	0.7	65	70	135	0.65
40-44	80	85	165	0.8	75	80	155	0.75
45-49	90	95	185	0.9	85	90	175	0.85
50-54	100	105	205	1.0	95	100	195	0.95
55-59	110	115	225	1.1	105	110	215	1.05
60-64	120	125	245	1.2	115	120	235	1.15
65-69	130	135	265	1.3	125	130	255	1.25
70-74	140	145	285	1.4	135	140	275	1.35
75-79	150	155	305	1.5	145	150	295	1.45
80-84	160	165	325	1.6	155	160	315	1.55
85-89	170	175	345	1.7	165	170	335	1.65
90-94	180	185	365	1.8	175	180	355	1.75
95-99	190	195	385	1.9	185	190	375	1.85
Total	1,200	1,300	2,500	1.2	1,100	1,200	2,300	1.1

