

[Report 1938] / Medical Officer of Health, Buckinghamshire County Council.

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Publication/Creation

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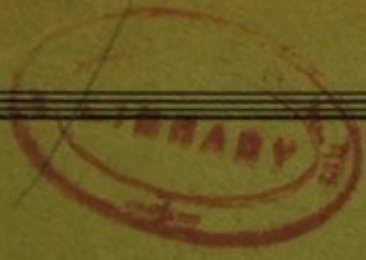
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Buckinghamshire County Council.

ANNUAL REPORT

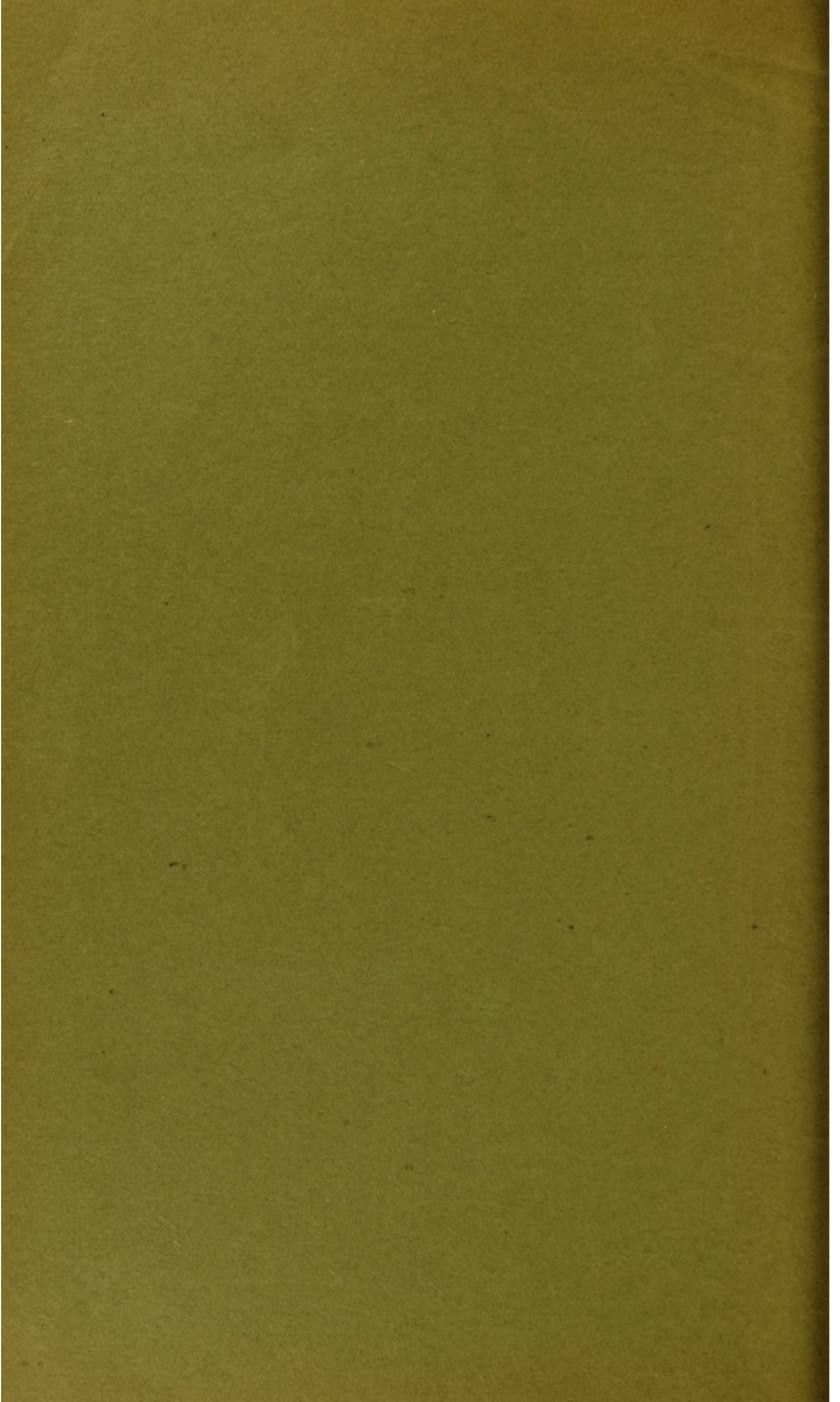
OF THE

Medical Officer of Health
for the Year 1938.

AYLESBURY.

G. T. DE FRAINE & Co., LTD.

1939



Buckinghamshire County Council.

ANNUAL REPORT

OF THE

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for the Year 1938.

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1939

Annual Report of the

ANNUAL REPORT

of the
Board of Directors
for the Year 1911

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**SANITARY ADMINISTRATION OF THE COUNTY OF
BUCKINGHAM.**

STAFF.

County Medical Officer of Health and School Medical Officer.

S. J. C. HOLDEN, M.B., CH.B., D.P.H. (Died 4/1/39).

Deputy County Medical Officer:

S. W. SAVAGE M.D., B.CH., D.P.H. (Res. 14/12/38).

G. W. H. TOWNSEND, B.A., M.B., B.CH., D.P.H. (App. 15/12/38).

Tuberculosis Officer:

L. T. BURRA, M.D., M.R.C.S., L.R.C.P.

Assistant Medical Officers of Health:

V. A. T. SPONG, M.B., B.S., D.P.H.

(Also M.O.H., U.D. of Slough and U.D. and R.D. of Eton).

R. C. GUBBINS, M.B., CH.B., D.P.H.

(Also M.O.H. Urban District of Beaconsfield).

A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.

(Also M.O.H. Borough of Buckingham and U.D. of Bletchley).

J. T. C. SIMS-ROBERTS, M.B., CH.B., D.P.H.

(Also M.O.H. Rural District of Aylesbury).

F. M. DAY, M.R.C.S., L.R.C.P., D.P.H.

(Also Asst. M.O.H. Urban District of Slough and Eton and the Rural District of Eton).

Inspector of Midwives:

MISS MARY DUDLEY.

(Also acts as Supt. of District Nurses for County Nursing Federation.)

MISS WINIFRED K. WATTS, Assistant Inspector of Midwives.

Organiser of Infant Welfare Centres:

MRS. G. A. W. TURNBULL.

County Council Nurses (M. & C. W., Tuberculosis and School Work):

MISS FRANCES ROSE

MISS ALICE PLANT

MISS THYRA STUBBS

MISS HELEN LYAL

MISS M. GRIFFIN

MISS E. A. MEAKINS

MISS MARION BURDETT

MISS L. S. RAWLINS

MISS DOROTHY TANTON

85 District Nurses employed by District Nursing Associations and undertaking Health Visiting and School Work for County Council.

Home Teachers of the Blind:

MRS. MARGARET ELLIS (resigned 30/9/38).

MISS KATHLEEN RUTLEDGE.

MISS K. P. DAVIS (resigned 28/2/38).

MISS A. HAMILTON (commenced 16/5/38).

MISS E. R. BRAIN (commenced 1/12/38).

Chief Clerk:

HENRY BROUGHTON.

Clerical Staff:

10 Clerks.

VISITING MEDICAL OFFICERS OF INSTITUTIONS.

Newport Pagnell	J. F. SHEPPARD, L.R.C.P., L.R.C.S.
Buckingham (Casual Wards)	G. B. PEARSON, L.R.C.P., L.R.C.S.
Winslow	A. E. LEAPINGWELL, M.R.C.S., L.R.C.P.
Aylesbury	H. W. L. DALE, M.B., B.CH.
Amersham	T. W. H. BURNE, M.B., B.S.
Slough	F. BRICKWELL, M.B., M.R.C.S.
Bledlow Homes	F. W. COOPER, L.R.C.P., L.R.C.S.
Kimble Homes	Ditto.

DISTRICT MEDICAL OFFICERS AND PUBLIC VACCINATORS.

- No. 1 (North Bucks) Area,
 3 and 6..... J. F. SHEPPARD, L.R.C.P., L.R.C.S.
 7..... C. H. F. BAILEY, M.R.C.S., L.R.C.P.
 5..... A. H. HABGOOD, D.S.O., M.B., B.CH.
 9..... B. R. REYNOLDS, M.R.C.S., L.R.C.P.
 2..... G. O. M. DICKENSON, M.B., B.S.
 4..... R. A. COOPER, L.R.C.P., L.R.C.S.
 12..... L. B. FURBER, M.R.C.S., L.R.C.P.
 1..... H. W. ROUND, M.R.C.S., L.R.C.P.
 8..... J. MORRIS, M.R.C.S., L.R.C.P.
- No. 2 (Buckingham Area) 11..... T. L. KENNISH, M.D., C.M.
 10..... A. E. LEAPINGWELL, M.R.C.S., L.R.C.P.
 13..... W. R. MAIN, M.B., CH.B.
 14..... G. B. PEARSON, L.R.C.P., L.R.C.S.
 16..... L. A. LEWIS, L.M.S.S.A.
 15..... GERALD N. STATHERS, L.R.C.P., M.R.C.S.,
 D.P.H.
- No. 3 (Aylesbury Area) 20
 and 32..... A. W. D. COVENTON, M.D.
 18..... W. S. WEST, M.D.
 17..... H. W. L. DALE, M.B., B.CH.
 28..... J. C. R. RICHARDSON, M.R.C.S., L.R.C.P.
 25..... N. BLACK, M.B., CH.B.
 19 and 24..... T. W. S. PATERSON, M.B., B.CH.
 23..... J. W. F. GRAHAM, L.S.A.
 21..... E. S. ORME, M.B., B.CH.
 30..... B. R. REYNOLDS, M.R.C.S., L.R.C.P.
 29..... C. M. L. COWPER, M.R.C.S., L.R.C.P.
 31..... C. E. O'KEEFFE, L.R.C.P., L.R.C.S.
(Not Public Vaccinator.)
 26..... J. LEIGH COX, M.B., B.CH.
 22..... R. O. LEE, M.B., B.CH.
 27..... C. J. H. SHARP, M.C., M.B., B.S.
(Not Public Vaccinator.)
- No. 4 (Wycombe) Area 33..... L. L. C. REYNOLDS, D.S.O., M.R.C.S.,
 L.R.C.P.
 37 and 39..... W. J. O'CONNOR, M.B., CH.B.
 34..... C. A. I. FUGE, M.B., CH.B.
 38..... F. H. P. WILLS, L.M.S.S.A.
 42..... G. F. S. BAILEY, M.D.
 40..... E. L. ELLIOTT, M.B., B.S.
 35..... F. W. COOPER, L.R.C.P., L.R.C.S.
 36..... E. S. ORME, M.B., B.CH.
 41..... J. E. ELLIOTT, M.B., B.S.
- No. 5 (Amersham) Area 44..... H. J. HENDERSON, M.B., B.S.
 45..... F. C. HAWARD, M.R.C.S., L.R.C.P.
 43..... R. H. KIPPING, M.B., CH.B.
 49..... W. L. JOHNSON, M.B., B.CH.
 47..... H. T. S. WISE, M.R.C.S., L.R.C.P.
(Not Public Vaccinator.)
 46..... H. D. ROBINSON, M.B., M.R.C.S.
 50..... E. S. ORME, M.B., B.CH.
 48..... R. S. STARKEY, M.B., B.CH.
- No. 6 (Eton) Area 57..... M. H. SUMMERS, M.R.C.S., L.R.C.P.
 54..... J. A. EDWARDS, M.R.C.S., L.R.C.P.
 55..... I. A. M. PATON, M.B., CH.B.
 51..... H. B. NORMAN, M.B., B.S.
 58..... A. J. WRIGHT, M.D.
 60..... F. C. HAWARD, M.R.C.S., L.R.C.P.
 56..... C. H. WOOD, M.R.C.S., L.R.C.P.
 52 and 59..... F. BRICKWELL, M.B., M.R.C.S.
 53..... C. F. MOORE, M.B., B.S.
 61..... R. R. SHAPLAND, M.R.C.S., L.R.C.P.

DENTAL SURGEONS.

E. KEW, L.D.S. (Senior Dental Surgeon).

JANET SMITH, L.D.S. C. E. A. MASON, L.D.S. JAS. BYROM, L.D.S.

EILEEN M. BEAMISH, L.D.S. M. T. GIBB, L.D.S.

Six Dental Attendants.

PART-TIME MEDICAL OFFICERS.

<i>Name.</i>	<i>Qualification.</i>	<i>Duties.</i>
D. N. L. LEVERKUS	M.D., B.S.	Infant Welfare Centre M.O.
EVELYNE SUMMERS	M.B., CH.B.	Ditto
VICTORIA SMALLPEICE	M.D.	Ditto
S. H. G. HUMFREY	M.R.C.S., L.R.C.P., D.O.M.S.	Oculist.
F. D. MORPHY	M.B., B.CH.	Ditto
C. B. V. TAIT	M.B., B.CH., M.R.C.S., L.R.C.P.	Ditto
P. L. STALLARD	M.R.C.S., L.R.C.P., D.O.M.S.	Ditto
F. H. P. WILLS	L.M.S.S.A.	Ditto

VACCINATION OFFICERS.

No. 1 (North Bucks) Area ...	Districts 1, 2, 3, 4, C. F. FARBROUGH. 3, 4, 5, 6, 7, 8, 9, 12, A. ROBINSON. 8, S. A. NICHOLSON. 9, E. V. TRUNKFIELD.
No. 2 (Buckingham) Area ..	„ 10, 11, E. V. TRUNKFIELD. 13, 14, 15, 16, C. ENFIELD.
No. 3 (Aylesbury) Area	„ 17, 18, 19, 20, 21, 22, T. C. FOSTER. 23, 24, 25, 26, A. G. CANT. 27, 28, 29, 30, 31, 32, F. A. CLEMENT.
No. 4 (Wycombe) Area	„ 33, 34, 35, 36, 37, H. G. FRY. 38, 39, 40, 41, 42, F. L. COPPING.
No. 5 (Amersham) Area	„ 43, 44, 45, 46, 47, 48, 49, 50, J. T. SHARPE.
No. 6 (Eton) Area	„ 51, 52, 53, 54, 55, 56, 58, H. F. ELSTON. 57, 58, 59, 60, 61, F. H. ROBERTS.

The administration of the following Acts is carried out by the Chief Inspector's Department of the County Council:—

Food and Drugs (Adulteration) Act, 1928.
 Preservatives in Food Regulations.
 Merchandise Marks Act, 1926, and Orders made thereunder.
 Condensed Milk Regulations.
 Dried Milk Regulations.
 Milk and Dairies (Amendment) Act, 1922, and Milk (Special Designations) Order, 1936.
 Milk and Dairies (Consolidation) Act, 1915.
 Agricultural Produce (Grading and Marking) Act.
 Artificial Cream Act.
 Shops Acts.
 Pharmacy and Poison Act.
 Young Persons Employment Act.

The following Inspectors are engaged in the work:—

T. H. JENKS (Chief),
 W. A. DAVENPORT (Deputy).
 G. L. DAVIS.
 J. B. ROBERTSON,
 A. E. ALDWINCKLE,
 J. S. FOX.
 G. S. OWEN.
 E. A. NISBET.

PUBLIC ANALYST.

MR. ERIC VOELCKER, F.I.C., A.R.C.S.

BACTERIOLOGIST.

DR. A. G. R. MATRIL, Nat. Inst. for Research in Dairying.

LIST OF SANITARY AUTHORITIES.

District.

Medical Officer of Health.

Sanitary Inspector

URBAN DISTRICTS.

Aylesbury, Borough of	J. T. G. SIMS ROBERTS, M.B., CH.B., D.P.H.	A. LEE, F.S.I.A.
Beaconsfield	R. C. GUBBINS, M.B., CH.B., D.P.H.	JOHN H. CROSBY, F.I.S.E., F.I.A.S
Bletchley	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.	A. BATES, M.INST.M.C.E.
Buckingham, Borough of...	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.	G. B. CHILVERS, F.I.S.E., M.I.M.C.E.
Chesham	R. C. GUBBINS, M.B., CH.B., D.P.H.	H. STACEY, C.R.S.I.
Eton	V. A. T. SPONG, M.B., B.S., D.P.H.	E. F. PRESSEY, P.A.S.I.
Linslade	C. M. L. COWPER, M.R.C.S., L.R.C.P.	H. A. ROLLS, F.S.I., L.R.I.B.A.
Marlow	F. H. P. WILLS, L.M.S.S.A.	H. C. PAINE, M.I.INST.M.C.E.
Newport Pagnell	C. H. F. BAILEY, M.R.C.S., L.R.C.P.	H. G. FERRETT.
Slough	V. A. T. SPONG, M.B., B.S., D.P.H.	JOHN DEMPSEY, C.R.S.I.
Stratford and Wolverton ...	D. W. A. BULL, M.D., M.R.C.S., L.R.C.P.	A. BAKER, C.R.S.I.
Wycombe, Borough of	W. B. MOORE, M.B., CH.B., D.P.H.	L. CHADWICK, F.S.I.A.

RURAL DISTRICTS.

Amersham	H. ENGLAND, M.R.C.S., L.R.C.P.	J. T. LLOYD, M.S.I.A.
Aylesbury	J. T. C. SIMS ROBERTS, M.B., CH.B., D.P.H.	F. BOYLEN, C.R.S.I.
Buckingham	G. B. PEARSON, L.R.C.P., L.R.C.S.	R. A. CANT, C.R.S.I.
Eton	V. A. T. SPONG, M.B., B.S., D.P.H.	A. E. SHAW, C.R.S.I.
Newport Pagnell	C. H. F. BAILEY, M.R.C.S., L.R.C.P.	E. E. WATERIDGE
Wing	W. H. SQUARE, L.R.C.P., L.R.C.S.	A. W. G. CORNER, C.R.S.I.
Winslow	A. E. LEAPINGWELL, M.R.C.S., L.R.C.P.	F. J. MILES, C.R.S.I., and
Wycombe	F. H. P. WILLS, L.M.S.S.A.	A. H. V. MARSDEN, C.R.S.I.
		J. J. HOPKINS and
		J. C. NICHOLLS, M.I.M.C.E.
		H. A. ROLLS, L.R.I.B.A.
		P. H. AUDSLEY, M.I.M.C.E.
		R. H. HERRING and
		W. A. B. TANNER.

No.	Date	Particulars	Amount
1	1880
2	1880
3	1880
4	1880
5	1880
6	1880
7	1880
8	1880
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99	1880
100	1880

GENERAL STATISTICS FOR THE COUNTY.

Area of the County—479,360 acres.

Populations, 1938:—

Registrar-General's estimate	309,600
1931 Census	271,565
No. of inhabited houses (1931)	68,994
No. of families or separate occupiers (Census, 1931)	71,013
Rateable value (1st April, 1939)	£2,222,403
Sum represented by a penny rate	£8,158
Since the Census there is an estimated increase of 38,035 in the population.	

Births—	M.	F.	TOTAL.
Legitimate	2,311	2,076	4,387
Illegitimate	80	88	168
Total	<u>2,391</u>	<u>2,164</u>	<u>4,555</u>

Birth-rate:—	1938	1937
Urban Districts (per 1,000)	15.9	15.5
Rural Districts „	13.5	14.1
County „	14.7	14.8
England and Wales „	15.1	14.9
Still births (Rate per 1,000 total births)	29.6	27.8
Deaths from all causes—	1938	1937
Urban Districts 1,467 Death-rate	9.5	10.8
Rural Districts 1,620 Death-rate	10.4	11.8
Total for County 3,087 Death-rate	10.0	11.3
England and Wales	11.6	12.4
Infant Mortality Rate:—	1938	1937
Urban Districts (per 1,000 births)	34.6	38.7
Rural Districts „	29.5	42.2
County „	32.2	40.4
England and Wales	53.0	58.0

The Infant Mortality Rate among illegitimate children in the County for 1938 was 53.6, as compared with 45.4 in 1937.

No. of women dying in, or in consequence of child-birth	}	from sepsis	3
		from other causes	10

Deaths from:—	1938	1937
Measles	6	5
Whooping Cough	5	5
Diarrhoea (under 2 years)	9	11

Principal causes of death:—	1938	1937
Hearth Disease	795	799
Cancer	492	519
Bronchitis	82	154
Pneumonia	176	190
Influenza	54	173
Cerebral haemorrhage	181	165

Tuberculosis—Pulmonary	103	} 127	} 142	} 166
Other forms	24			

Total deaths from all causes	<u>3,087</u>	<u>3,437</u>
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ESTIMATED POPULATION (1938)		CHIEF INDUSTRIES.
URBAN DISTRICTS.		
Aylesbury	14,490	Printing, Agriculture, Milk Collection and Distribution, Cheese and Butter Manufacture. Market Town.
Beaconsfield	5,506 ...	Largely residential.
Bletchley	7,442 ...	Railway Centre, Printing, Brush Making and Sugar Refining.
Buckingham	3,286 ...	Milk Collection and Distribution.
Chesham	10,410 ...	Brushes, Wooden Ware, Boots and Stockings, Weaving.
Eton	3,958 ...	
Linslade	2,687 ...	Motor Carriage Works.
Marlow	5,364 ...	
Newport Pagnell	4,017 ...	Motor Carriage Works and Railway Works at Wolverton.
Slough	50,620 ...	Various.
Wolverton	12,780 ...	Railway Carriage Works and Printing.
Wycombe	33,940 ...	Chair and Furniture Making and Paper Making.
RURAL DISTRICTS.		
Amersham	31,940 ...	Agriculture and Residential.
Aylesbury	27,450 ...	Agriculture.
Buckingham	7,568 ...	Agriculture.
Eton	32,220 ...	Agriculture and Residential.
Newport Pagnell	12,830 ...	Agriculture, Railway—Bradwell, Boots—Olney.
Wing	6,646 ...	Agriculture.
Winslow	6,576 ...	Agriculture.
Wycombe	29,870 ...	Agriculture, Chairs—Stokenchurch and West Wycombe, Paper—Wooburn and Loudwater.

VITAL STATISTICS.

POPULATION.

The Registrar-General has furnished for the year 1938 an estimated population of 309,600. This reveals an increased population upon the census figure of 38,035 persons.

BIRTHS.

The following table shows the number of births both legitimate and illegitimate year by year for the last five years.

Year			Total.	Legitimate.	Illegitimate.
1938	4,555	U.	2,454	4,387	168
		R.	2,101		
1937	4,506	U.	2,350	4,352	154
		R.	2,156		
1936	4,315	U.	2,283	4,156	159
		R.	2,032		
1935	4,244	U.	2,188	4,086	158
		R.	2,056		
1934	4,082	U.	2,092	3,962	120
		R.	1,990		

The general birth rate for the County for 1938 was 14.7 births per 1,000 of population as compared with 14.8 births per 1,000 in the previous year. In the urban districts the birth-rate was 15.9, a decrease of 0.4 per 1,000 compared with the previous year. In the rural district the birth-rate figure was 13.5 compared with 14.1 in the previous year. The birth-rate for England and Wales in 1938 was 15.1 per 1,000 of the population. Illegitimate births in the county numbered 168, an increase of 14.

DEATHS.

During the year 1938 the total number of deaths registered was 3,087, a decrease on the previous year of 350. The death rate was 10.0.

Of the principal causes of death the following showed decreases as compared with the previous year:—Heart Disease 795 (799), Cancer 492 (519), Bronchitis 82 (154), Pneumonia 176 (190), Influenza 54 (173). Tuberculosis, all forms, 127 (166). Cerebral haemorrhage showed an increase, 181 (165).

There were 6 deaths from Measles, 5 from Whooping Cough, 9 from Diarrhoea, 1 from Enteric Fever, 2 from Scarlet Fever, 7 from Diphtheria, 3 from Encephalitis Lethargica, and 5 from Cerebro-Spinal Fever.

INFANT MORTALITY.

The Infant Mortality rate fell 40.4 per 1,000 births in 1937 to 32.2 in the year under review. In Urban districts the rate was 34.6 and in the Rural districts 29.5 per 1,000 births.

These rates compared favourably with the rate of 53 for the whole of England and Wales. The Infant Mortality rate among illegitimate children was 53.6 compared with 45.4 in 1937.

COMPARATIVE TABLE OF BIRTH, DEATH AND INFANT MORTALITY RATES FOR THE
TEN YEAR PERIOD, 1929-1938.

YEAR.	BIRTH RATE per 1,000 population.				DEATH RATE per 1,000 population.				INFANT MORTALITY RATE per 1,000 births.			
	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.
1929	14.5	15.3	14.9	16.3	12.0	13.0	12.6	13.4	67	57	61	74
1930	14.6	15.5	15.0	16.3	10.1	10.9	10.5	11.4	45	39	42	60
1931	15.3	13.9	14.6	15.8	10.4	11.5	11.0	12.3	45.8	41.2	43.4	66
1932	14.8	13.8	14.3	15.3	11.1	11.1	11.1	12.0	49	54	52	65
1933	13.7	13.3	13.5	14.4	10.7	11.7	11.2	12.3	43	46	45	64
1934	15.4	13.8	14.4	14.8	10.0*	10.1*	11.0	11.8	43	44	44	59
1935	15.4	14.1	14.7	14.7	9.5*	9.6*	10.5	11.7	33	37	35	57
1936	15.6	13.6	14.6	14.8	10.0*	10.3*	11.1	12.1	42.5	47.7	44.9	59
1937	15.5	14.1	14.8	14.9	10.4*	10.3*	11.3	12.4	38.7	42.2	40.4	58.0
1938	15.9	13.5	14.7	15.1	9.5*	10.4*	10.0	11.6	34.6	29.5	32.2	53.0

*Corrected for age and sex distribution.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE ADMINISTRATIVE COUNTY OF BUCKINGHAM, 1938.

CAUSES OF DEATH.	Sex.	AGGREGATE OF URBAN DISTRICTS.													AGGREGATE OF RURAL DISTRICTS.												
		All Ages	Ages												All Ages	Ages											
			0-1	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-	0-1		1-	2-	5-	15-	25-	35-	45-	55-	65-	75-		
ALL CAUSES.	M	736	44	3	6	21	22	42	44	63	127	167	197	854	37	8	5	10	20	28	38	63	115	253	277		
	F	731	41	15	10	14	21	29	30	49	119	177	226	766	25	4	10	6	7	23	39	60	108	182	302		
1 Typhoid and paratyphoid fevers	M	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2 Measles	M	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	3	...	1	2	...	...	...	...	...	...	...	...	2	...	...	1	1	...	...	...	...	...	...	...
3 Scarlet fever	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	...	...	...	...	...	...	...
4 Whooping cough	M	1	1	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...
	F	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5 Diphtheria	M	2	...	...	...	2	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
	F	2	...	1	1	...	...	...	...	...	...	...	...	2	...	1	1	...	...	...	...	...	...	...	...
6 Influenza	M	12	...	...	1	...	1	...	3	2	3	2	...	21	1	1	...	...	...	...	1	5	2	4	7
	F	12	...	...	...	...	1	1	1	1	1	6	2	9	...	...	...	...	...	1	...	2	2	2	2
7 Encephalitis lethargica	M	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
8 Cerebro-spinal fever	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	F	2	...	1	...	1	...	...	...	...	...	...	...	3	...	2	...	...	...	...	...	...	...	1	...
9 Tuberculosis of respiratory system	M	28	...	...	...	1	12	5	6	1	3	...	...	32	...	1	...	3	10	9	4	2	2	1	...
	F	30	...	1	...	1	8	10	5	1	4	...	...	13	...	...	1	1	4	2	2	2	1	...	...
10 Other tuberculous diseases	M	6	1	1	2	...	1	...	1	...	...	...	...	6	...	1	1	...	2	...	2	...	...	...	...
	F	9	...	1	2	3	1	1	...	...	1	...	...	3	...	1	...	...	1	1	...	...	...	...	...
11 Syphilis	M	2	...	...	...	...	...	...	...	2	...	...	...	3	...	...	...	...	...	1	...	1	1	1	...
	F	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12 General paralysis of the insane, tabes dorsalis	M	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
	F	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
13 Cancer	M	103	...	...	1	1	...	8	9	30	35	19	129	...	...	...	1	1	5	8	29	54	31	...	...
	F	132	...	...	...	1	1	9	18	37	42	24	128	...	...	1	...	1	9	10	29	40	38	...	...
14 Diabetes	M	7	...	...	...	...	...	...	...	1	4	2	10	...	...	...	...	...	...	...	1	...	2	4	2
	F	16	...	...	...	...	...	...	...	2	9	5	16	...	...	...	1	...	...	...	...	2	2	7	4
15 Cerebral hæmorrhage, etc.	M	23	...	...	...	...	1	2	2	3	3	12	52	...	...	...	...	...	...	1	2	2	2	7	4
	F	49	...	...	...	...	...	3	11	17	18	...	57	...	...	...	...	...	...	...	3	8	10	36	28
16 Heart disease	M	189	...	...	1	...	3	3	11	41	55	75	242	...	...	...	...	1	5	9	32	92	103	...	...
	F	175	...	...	...	2	...	1	8	26	58	80	189	...	...	1	...	...	...	1	6	9	21	61	90
17 Aneurysm	M	4	...	...	...	...	...	...	...	2	2	...	1	...	...	...	...	...	...	...	...	...	1	...	...
	F	1	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...
18 Other circulatory diseases	M	40	...	...	...	...	...	2	7	10	21	51	...	...	...	...	...	...	...	...	1	4	16	30	...
	F	44	...	...	...	...	...	2	6	7	29	45	...	...	...	...	...	...	...	...	...	7	12	26	...
19 Bronchitis	M	21	2	...	...	...	1	1	...	2	5	10	22	1	...	...	...	...	...	1	...	3	8	9	...
	F	18	2	...	...	2	...	...	...	1	3	10	21	...	1	...	1	2	...	...	...	3	8	13	...
20 Pneumonia (all forms)	M	49	6	...	1	2	4	4	7	1	11	7	6	46	13	...	2	...	1	1	6	7	8	8	...		
	F	35	4	3	3	1	1	1	...	5	6	5	46	5	...	...	...	2	2	4	12	8	13	...	...
21 Other respiratory diseases	M	15	...	...	1	...	1	3	4	1	3	2	7	...	...	1	...	...	...	...	...	1	3	2	...
	F	6	...	1	...	...	1	...	...	2	2	8	...	...	...	...	...	...	...	...	1	...	3	4	...
22 Peptic ulcer	M	12	...	...	...	1	2	4	3	2	2	...	13	...	...	...	1	...	...	...	1	...	3	4	...
	F	5	...	...	...	1	2	...	1	1	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...
23 Diarrhoea, etc.	M	5	2	...	...	...	1	...	1	1	...	1	...	5	...	1	...	...	2	...	...	...	1	1	...
	F	8	2	2	...	...	2	1	1	...	...	...	8	...	2	1	...	...	...	...	...	...	1	1	...
24 Appendicitis	M	10	...	...	1	3	1	1	1	2	1	...	1	...	...	...	1	...	...	...	...	...	1	1	...
	F	6	...	1	1	2	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
25 Cirrhosis of liver	M	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
	F	1	...	...	...	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	1	1	...	...
26 Other diseases of liver, etc.	M	2	...	...	...	...	...	...	...	2	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...
	F	2	...	...	...	...	...	...	...	...	1	1	9	...	...	...	...	...	...	...	...	3	2	2	...
27 Other digestive diseases	M	19	5	...	2	2	...	1	...	1	5	3	18	1	1	...	...	...	2	...	2	3	6	4	...
	F	15	...	...	2	...	3	2	...	6	2	13	...	...	...	...	...	...	1	2	2	1	3	5	...
28 Acute and chronic nephritis	M	20	1	...	...	...	...	4	4	7	4	19	...	...	...	...	2	...	2	5	1	2	7	...	...
	F	19	...	...	...	1	1	...	4	5	3	5	25	...	...	...	1	...	2	3	2	5	12	...	...
29 Puerperal sepsis	F	1	...	...	...	...	1	...	...	...	...	...	2	...	...	...	...	1	1	...	...	...	...	...	...
30 Other puerperal causes	F	6	...	...	...	...	4	2	...	...	...	...	4	...	...	...	...	3	1	...	...	...	...	...	...
31 Congenital debility, premature birth, malformations, etc.	M	22	22	...	...	...	...	...	...	...	...	...	17	16	...	1	...	...	3	1	...	...	...	...	...
	F	28	28	...	...	...	...	...	...	...	...	...	21	19	...	1	...	...	1	...	...	...	...	...	...
32 Senility	M	17	...	...	...	...	...	...	...	2	15	15	...	...	...	...	...	...	...	...	...	...	1	14	...
	F	20	...	...	...	...	...	...	...	1	19	32	...	...	...	...	...	...	...	...	...	...	3	29	...
33 Suicide	M	11	...	...	1	1	...	2	3	4	...	14	...	...	...	...	1	1	2	2	7	...	1	...	...
	F	2	...	...	...	...	...	...	2	...	8	...	...	...	...	...	...	...	2	1	4	1	...	...	...
34 Other violence	M	35	1	1	1	2	5	9	1	5	3	4	3	42	1	1	2	3	8	5	3	4	7	5	3		
	F	23	2	2	...	...	1	1																	

CAUSES OF DEATH AT DIFFERENT PERIODS OF THE
 COUNTY OF HUCKINGHAM 19

PERIOD		Males		Females		Total	
Year	Age	No.	Rate	No.	Rate	No.	Rate
1900	0-14	12	0.15	10	0.12	22	0.13
1900	15-24	18	0.22	15	0.18	33	0.20
1900	25-34	25	0.31	20	0.25	45	0.28
1900	35-44	35	0.44	28	0.35	63	0.40
1900	45-54	45	0.56	35	0.44	80	0.50
1900	55-64	55	0.69	45	0.56	100	0.63
1900	65-74	65	0.81	55	0.69	120	0.75
1900	75-84	75	0.94	65	0.81	140	0.87
1900	85-94	85	1.06	75	0.94	160	1.00
1900	95-104	95	1.19	85	1.06	180	1.13
1900	105-114	105	1.31	95	1.19	200	1.25
1900	115-124	115	1.44	105	1.31	220	1.38
1900	125-134	125	1.56	115	1.44	240	1.50
1900	135-144	135	1.69	125	1.56	260	1.63
1900	145-154	145	1.81	135	1.69	280	1.75
1900	155-164	155	1.94	145	1.81	300	1.87
1900	165-174	165	2.06	155	1.94	320	2.00
1900	175-184	175	2.19	165	2.06	340	2.13
1900	185-194	185	2.31	175	2.19	360	2.25
1900	195-204	195	2.44	185	2.31	380	2.38
1900	205-214	205	2.56	195	2.44	400	2.50
1900	215-224	215	2.69	205	2.56	420	2.63
1900	225-234	225	2.81	215	2.69	440	2.75
1900	235-244	235	2.94	225	2.81	460	2.87
1900	245-254	245	3.06	235	2.94	480	3.00
1900	255-264	255	3.19	245	3.06	500	3.13
1900	265-274	265	3.31	255	3.19	520	3.25
1900	275-284	275	3.44	265	3.31	540	3.38
1900	285-294	285	3.56	275	3.44	560	3.50
1900	295-304	295	3.69	285	3.56	580	3.63
1900	305-314	305	3.81	295	3.69	600	3.75
1900	315-324	315	3.94	305	3.81	620	3.87
1900	325-334	325	4.06	315	3.94	640	4.00
1900	335-344	335	4.19	325	4.06	660	4.13
1900	345-354	345	4.31	335	4.19	680	4.25
1900	355-364	355	4.44	345	4.31	700	4.38
1900	365-374	365	4.56	355	4.44	720	4.50
1900	375-384	375	4.69	365	4.56	740	4.63
1900	385-394	385	4.81	375	4.69	760	4.75
1900	395-404	395	4.94	385	4.81	780	4.87
1900	405-414	405	5.06	395	4.94	800	5.00
1900	415-424	415	5.19	405	5.06	820	5.13
1900	425-434	425	5.31	415	5.19	840	5.25
1900	435-444	435	5.44	425	5.31	860	5.38
1900	445-454	445	5.56	435	5.44	880	5.50
1900	455-464	455	5.69	445	5.56	900	5.63
1900	465-474	465	5.81	455	5.69	920	5.75
1900	475-484	475	5.94	465	5.81	940	5.87
1900	485-494	485	6.06	475	5.94	960	6.00
1900	495-504	495	6.19	485	6.06	980	6.13
1900	505-514	505	6.31	495	6.19	1000	6.25
1900	515-524	515	6.44	505	6.31	1020	6.38
1900	525-534	525	6.56	515	6.44	1040	6.50
1900	535-544	535	6.69	525	6.56	1060	6.63
1900	545-554	545	6.81	535	6.69	1080	6.75
1900	555-564	555	6.94	545	6.81	1100	6.87
1900	565-574	565	7.06	555	6.94	1120	7.00
1900	575-584	575	7.19	565	7.06	1140	7.13
1900	585-594	585	7.31	575	7.19	1160	7.25
1900	595-604	595	7.44	585	7.31	1180	7.38
1900	605-614	605	7.56	595	7.44	1200	7.50
1900	615-624	615	7.69	605	7.56	1220	7.63
1900	625-634	625	7.81	615	7.69	1240	7.75
1900	635-644	635	7.94	625	7.81	1260	7.87
1900	645-654	645	8.06	635	7.94	1280	8.00
1900	655-664	655	8.19	645	8.06	1300	8.13
1900	665-674	665	8.31	655	8.19	1320	8.25
1900	675-684	675	8.44	665	8.31	1340	8.38
1900	685-694	685	8.56	675	8.44	1360	8.50
1900	695-704	695	8.69	685	8.56	1380	8.63
1900	705-714	705	8.81	695	8.69	1400	8.75
1900	715-724	715	8.94	705	8.81	1420	8.87
1900	725-734	725	9.06	715	8.94	1440	9.00
1900	735-744	735	9.19	725	9.06	1460	9.13
1900	745-754	745	9.31	735	9.19	1480	9.25
1900	755-764	755	9.44	745	9.31	1500	9.38
1900	765-774	765	9.56	755	9.44	1520	9.50
1900	775-784	775	9.69	765	9.56	1540	9.63
1900	785-794	785	9.81	775	9.69	1560	9.75
1900	795-804	795	9.94	785	9.81	1580	9.87
1900	805-814	805	10.06	795	9.94	1600	10.00
1900	815-824	815	10.19	805	10.06	1620	10.13
1900	825-834	825	10.31	815	10.19	1640	10.25
1900	835-844	835	10.44	825	10.31	1660	10.38
1900	845-854	845	10.56	835	10.44	1680	10.50
1900	855-864	855	10.69	845	10.56	1700	10.63
1900	865-874	865	10.81	855	10.69	1720	10.75
1900	875-884	875	10.94	865	10.81	1740	10.87
1900	885-894	885	11.06	875	10.94	1760	11.00
1900	895-904	895	11.19	885	11.06	1780	11.13
1900	905-914	905	11.31	895	11.19	1800	11.25
1900	915-924	915	11.44	905	11.31	1820	11.38
1900	925-934	925	11.56	915	11.44	1840	11.50
1900	935-944	935	11.69	925	11.56	1860	11.63
1900	945-954	945	11.81	935	11.69	1880	11.75
1900	955-964	955	11.94	945	11.81	1900	11.87
1900	965-974	965	12.06	955	11.94	1920	12.00
1900	975-984	975	12.19	965	12.06	1940	12.13
1900	985-994	985	12.31	975	12.19	1960	12.25
1900	995-1004	995	12.44	985	12.31	1980	12.38
1900	1005-1014	1005	12.56	995	12.44	2000	12.50
1900	1015-1024	1015	12.69	1005	12.56	2020	12.63
1900	1025-1034	1025	12.81	1015	12.69	2040	12.75
1900	1035-1044	1035	12.94	1025	12.81	2060	12.87
1900	1045-1054	1045	13.06	1035	12.94	2080	13.00
1900	1055-1064	1055	13.19	1045	13.06	2100	13.13
1900	1065-1074	1065	13.31	1055	13.19	2120	13.25
1900	1075-1084	1075	13.44	1065	13.31	2140	13.38
1900	1085-1094	1085	13.56	1075	13.44	2160	13.50
1900	1095-1104	1095	13.69	1085	13.56	2180	13.63
1900	1105-1114	1105	13.81	1095	13.69	2200	13.75
1900	1115-1124	1115	13.94	1105	13.81	2220	13.87
1900	1125-1134	1125	14.06	1115	13.94	2240	14.00
1900	1135-1144	1135	14.19	1125	14.06	2260	14.13
1900	1145-1154	1145	14.31	1135	14.19	2280	14.25
1900	1155-1164	1155	14.44	1145	14.31	2300	14.38
1900	1165-1174	1165	14.56	1155	14.44	2320	14.50
1900	1175-1184	1175	14.69	1165	14.56	2340	14.63
1900	1185-1194	1185	14.81	1175	14.69	2360	14.75
1900	1195-1204	1195	14.94	1185	14.81	2380	14.87
1900	1205-1214	1205	15.06	1195	14.94	2400	15.00
1900	1215-1224	1215	15.19	1205	15.06	2420	15.13
1900	1225-1234	1225	15.31	1215	15.19	2440	15.25
1900	1235-1244	1235	15.44	1225	15.31	2460	15.38
1900	1245-1254	1245	15.56	1235	15.44	2480	15.50
1900	1255-1264	1255	15.69	1245	15.56	2500	15.63
1900	1265-1274	1265	15.81	1255	15.69	2520	15.75
1900	1275-1284	1275	15.94	1265	15.81	2540	15.87
1900	1285-1294	1285	16.06	1275	15.94	2560	16.00
1900	1295-1304	1295	16.19	1285	16.06	2580	16.13
1900	1305-1314	1305	16.31	1295	16.19	2600	16.25
1900	1315-1324	1315	16.44	1305	16.31	2620	16.38
1900	1325-1334	1325	16.56	1315	16.44	2640	16.50
1900	1335-1344	1335	16.69	1325	16.56	2660	16.63
1900	1345-1354	1345	16.81	1335	16.69	2680	16.75
1900	1355-1364	1355	16.94	1345	16.81		

COUNTY OF BUCKINGHAM, 1938.
BIRTH AND DEATH RATES AND INFANT MORTALITY RATES, 1938 and 1937.

	Birth rate per 1000.		Death rate per 1000.		Infant Mortality rate per 1000 births		Phthisis death rate per 1000.		Maternal Mortality per 1000 live and stillbirths	
	1938.	1937.	1938.	1937. *	1938.	1937.	1938.	1937.	1938.	1937.
Aylesbury	15.5	15.2	11.9 (10.9)	11.6 (10.7)	31.1	41.6	0.3	0.7		
Beaconsfield	12.2	12.3	9.3 (9.7)	12.0 (12.5)	44.8	76.0	0.4	0.4		
Bletchley	15.4	18.3	10.5 (9.3)	12.2 (10.8)	34.8	66.6	0.1	0.5		
Buckingham	15.5	14.0	13.4 (10.4)	10.9 (8.5)	19.6	Nil.	0.3	0.3		
Chesham	12.8	12.8	9.7 (8.8)	11.9 (10.8)	30.1	45.4	0.3	0.2		
Eton	9.3	6.5	6.6 (8.3)	10.0 (12.6)	Nil.	38.1	1.0	0.5		
Linslade	15.3	12.3	10.4 (8.3)	13.4 (10.7)	Nil.	60.6	Nil.	Nil.		
Marlow	16.2	15.1	12.7 (11.6)	13.3 (12.6)	46.0	49.4	0.9	0.4		
Newport Pagnell	10.2	12.1	13.0 (9.8)	16.5 (12.4)	Nil.	40.8	0.5	0.7		
Slough	19.6	18.0	8.3 (9.0)	9.1 (9.8)	44.3	41.3	0.4	0.6		
Wolverton	10.7	10.7	10.6 (9.0)	13.3 (11.0)	29.2	21.9	0.3	0.6		
Wycombe	15.5	16.5	8.4 (8.7)	16.4 (10.8)	26.5	25.1	0.3	0.7		
Total Urban	15.9	15.5	9.5 (9.1)	10.8 (10.4)	34.6	38.7	0.3	0.6	2.8	2.5
Amersham	13.4	15.1	10.1 (9.6)	10.3 (9.8)	23.3	42.0	0.3	0.4		
Aylesbury	11.0	12.0	9.0 (7.9)	10.7 (9.4)	20.0	31.4	0.3	0.3		
Buckingham	14.9	12.0	10.7 (8.1)	11.3 (8.5)	35.4	77.0	Nil.	Nil.		
Eton	15.1	15.2	10.0 (9.7)	11.9 (11.5)	30.7	48.0	0.3	0.5		
Newport Pagnell	13.4	12.5	12.0 (9.0)	15.9 (11.9)	52.3	50.0	0.3	0.8		
Wing	13.1	14.5	13.4 (10.0)	13.7 (10.2)	57.5	41.2	0.4	0.3		
Winslow	9.0	10.4	11.2 (8.0)	14.7 (10.4)	Nil.	29.4	0.3	0.3		
Wycombe	15.1	15.8	10.9 (9.7)	11.3 (10.0)	28.7	36.4	0.3	0.2		
Total Rural	13.5	14.1	10.4 (9.0)	11.8 (10.3)	29.5	42.2	0.3	0.4	2.8	1.8
County	14.7	14.8	10.0	11.3	32.2	40.4	0.3	0.5	2.8	2.1
England and Wales...	15.1	14.9	11.6	12.4	53.0	58.0		0.5	3.08	3.1

*Death rates corrected for age and sex distribution.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

(a) LABORATORY FACILITIES.

CLINICAL MATERIAL.—There is a small laboratory fitted up in the County Health Department principally for the examination of sputa and other material connected with the tuberculosis work of the County. Occasional samples of water and other materials are submitted to the Clinical Research Association for analysis and examination.

MILK.—Samples of milk in connection with the administration of the Milk and Dairies (Consolidation) Act, 1915, the Milk and Dairies Order, 1926, and the Tuberculosis Order, 1925, are taken by the Chief Inspector and his staff and submitted to the National Institute for Research in Dairying, Shinfield, near Reading, for bacteriological examinations and biological tests.

FOOD AND DRUGS.—Sampling is undertaken by the Chief Inspector's department and materials are submitted for analysis to the County Analyst, Eric Voelcker, Stuart House, 1, Tudor Street, London, E.C.

(b) AMBULANCE FACILITIES.

For the transport of the sick and first-aid treatment and transport of accident cases an excellent motor ambulance service is provided by the Bucks Joint Committee of the Order of St. John and the British Red Cross Society.

The Committee has provided 20 modern ambulances, and the L.M.S. Railway continues to maintain an ambulance at Wolverton which is affiliated to the county service. Each ambulance is in the charge of a local ambulance division and in seven cases is assisted by a local Committee.

There are now 22 men's detachments and 13 women's detachments of the St. John Ambulance Brigade and 13 woman's detachments of the British Red Cross Society in the County.

For the transport of cases in the southern half of the County suffering from puerperal pyrexia or puerperal fever or ophthalmia neonatorum the excellent ambulance service of the London County Council is used. For cases in other parts of the County the nearest local ambulance service is made use of. This also applies frequently for the transport of maternity cases.

(c) NURSING IN THE HOME.

Nursing in the home is generally organised throughout the County by the Buckinghamshire Nursing Federation, to which are affiliated 78 local Nursing Associations, employing 104 district nurses. The objects of the Federation were set out fully in a previous Report. In addition there are 3 Local Nursing Associations employing 14 District Nurses which are independent and not affiliated to the Federation.

(d) CLINICS AND TREATMENT CENTRES.

A full description of these was furnished in the Annual Report for 1930. No further change, as reported last year, has occurred.

(e) HOSPITALS.

VOLUNTARY HOSPITALS.—In the Annual Report for the year 1930 a complete list of hospitals, general and special, serving the needs of this County was published. There appears to be no change in the facilities provided, but large extensions at the Royal Bucks Hospital, Aylesbury, have been completed. These extensions provides an additional 35 beds including a fully equipped labour room, a special out-patients' department, additional kitchen and store room, and essential additions to the nurses' home.

PUBLIC ASSISTANCE INSTITUTION INFIRMARIES.—Under the heading of Poor Law Institutions a full explanation of the difficulties of carrying into effect appropriation of any institution or part thereof, was given in the Annual Report for 1930.

The following statement shows the number of sick persons chargeable to the County through the Public Assistance Committee on 31st March, 1939:—

	<i>Men.</i>	<i>Women.</i>	<i>Children.</i>	<i>Total.</i>
In County Institutions	270 (225)	306 (264)	15 (16)	591 (505)
In Institutions outside the County	2 (3)	1 (2)	—	3 (5)
Relieved in Special Institutions ...	18 (14)	36 (28)	6 (5)	60 (47)
Persons of unsound mind maintained in Mental Hospitals ...	364 (320)	445 (404)	—	809 (724)
In receipt of outdoor medical relief	—	—	—	147 (141)

The figures in brackets indicate the numbers on the same date in the previous year.

The following table shows beds available for chronic sick and for mental defectives and conforms with the annual return made to the Ministry of Health on Form Hospital 6.

<i>Institution.</i>	<i>Male.</i>	<i>Female.</i>	<i>Maternity.</i>	<i>Total.</i>
Amersham				
Acute Sick	34	28	—	
Chronic Sick	38	44	—	
Mental Defectives	—	—	—	144
Aylesbury				
Acute Sick	63	77	7	
Chronic Sick				
Mental Defectives	21	12	—	180
Eton (Slough)				
Acute Sick	73	65	2	
Chronic Sick				
Mental Defectives	—	—	—	140
Newport Pagnell				
Acute Sick	49	67	1	
Chronic Sick				
Mental Defectives	—	—	—	117
Winslow				
Acute Sick	15	26	—	
Chronic Sick				
Mental Defectives	12	31	—	84
Total	305	350	10	665

MATERNITY AND NURSING HOMES.

The County Council exercises the powers under the Nursing Homes Registration Act, 1927, over the whole County and has not delegated its powers to any District Council.

The following particulars are given of action taken during 1938:—

1. No. of applications for registration	3
2. No. of homes registered	3
3. No. of orders made refusing or cancelling registration ...	—
4. No. of appeals made against such orders	—
5. No. of cases in which such orders have been	
(a) confirmed on appeal, and	—
(b) disallowed	—
6. No. of applications for exemption from registration ...	8
7. No. of cases in which exemption has been	
(a) granted	8
(b) withdrawn	—
(c) refused	—

Any Application for delegation of powers to District Council —

REGISTERED NURSING HOMES.

	NAME AND ADDRESS.	DESCRIPTION.
AMERSHAM	Peacehaven Nursing Home, 11, Lexham Gardens.	Maternity, Aged, Infirm.
AMERSHAM	Tenterden.	Maternity or Medical.
AYLESBURY	"Rosser," 31, Tindal Road.	Medical, Surgical, Aged, Infirm.
BEACONSFIELD	St. Joseph.	Maternity, Acute Sur- gical, Medical and Minor Surgical, Aged, Infirm.
	White Posts, Walk Wood End.	Convalescent.
	"Kinellan," Penn Road.	Maternity, Medical, Surgical, Aged, Infirm.
BLETCHLEY	Red House Bungalow, High Street.	Maternity.
CHESHAM	The Cottage, Amy Lane.	Aged, Infirm.
DATCHET	Holmcroft Nursing Home.	Maternity, Medical, Surgical, Aged, Infirm.
	The Old Bridge House.	Medical, Minor Sur- gical, Aged, Infirm.
FARNHAM COMMON	"Daneby," Green Lane.	Medical Minor Sur- gical, Aged Infirm.
GERRARDS CROSS ...	Chalfonts Nursing Home.	Maternity, Medical, Surgical, Aged, Infirm.
HIGH WYCOMBE ...	Uplyme and Ilona, Amersham Hill.	Medical, Surgical, Maternity, Aged, In- firm.
	St. George's, 123, London Road.	Medical, Minor Sur- gical, Aged, Infirm.
	The Willows 147, West Wycombe Road.	Maternity or Surgical.
	The High Wycombe District Nursing Institution and Maternity Home, Shrubbery Road.	Maternity.
LANGLEY	The Moat House.	Mental, Nervo.
MARLOW	The Berkeley Nursing Home.	Maternity, Medical, Surgical, Aged, In- firm.
MURSLEY	Richmond Lodge.	Maternity, Medical, Surgical, Aged, In- firm, Convalescent.
NEWPORT PAGNELL	Tykeford Abbey Nursing Home.	Maternity, Mental, Surgical, Aged, In- firm.
SLOUGH	"Heathfield," Uxbridge Villas, Uxbridge Road.	Aged, Infirm.
	"Parkside," Upton Court Road.	Maternity or Surgical Aged, Infirm.
SLOUGH	Slough Maternity Home, Burlington Road.	Maternity.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

In the Council's own institution, the Manor House, Aylesbury, there were 100 cases on the 31st December, 1938.

The two Public Assistance Institutions of Aylesbury and Winslow continue, with the sanction of the Committee, to accommodate a certain number of medium and high-grade defectives. On the 31st December, 1938, the number of defectives in each of these institutions was as follows:—

<i>Institution.</i>	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Aylesbury	18	12	30
Winslow	12	31	43
Borocourt	27	63	90

The County Council continue to maintain a large number of defectives in other approved institutions outside the County and in 1938 43 males and 41 females were being maintained in 16 such institutions. Of these 6 males and 4 females were detained in the State Institution at Rampton.

At the end of the year there was little variation in the number of cases placed either under guardianship or under statutory supervision. In the former category there were 20 males and 37 females and in latter 87 males and 71 females.

Five males and three females died during the year. It was necessary to transfer one female to the County Mental Hospital.

On the 31st December, 1938, there were on the Register of the Statutory Committee 269 males and 300 females, making the total number of cases 569. In addition to the foregoing figures showing the number of cases dealt with by the Mental Deficiency Committee, the following are the numbers ascertained on the 31st December, 1938, with their method of disposal.

	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Placed under voluntary supervision	64	63	127
Children (7-16 years) in Special Schools	14	8	22
" " supervised by the Voluntary Association on behalf of the Education Committee	51	20	71
Public Assistance cases in receipt of—			
Indoor Relief	5	3	8
Outdoor Relief	9	10	19
In the County Mental Hospital	44	40	84
Reported from reliable sources but no action yet taken	9	18	27
	196	162	358

During the year petitions were presented in 19 cases and all (11 male and 8 female) were detained under order in certified institutions.

In addition one male was admitted to a certified institution by Orders made under s. 8 of the Act by Courts of Summary Jurisdiction.

Varying orders were made under Section 7 (1) of the Mental Deficiency Act, 1913, for the transfer of one female who had become unsuitable for guardianship care to a certified institution, and under the Mental Deficiency (Amendment) Act, 1925, for the transfer of three males and one female from institution to guardianship care.

Being found unsuitable for further residence in a certified institution, one female was transferred to the County Mental Hospital.

Fifteen cases between the ages of seven and 16 years were notified to the Mental Deficiency Committee by the Education Committee under Section 2 (2) of the Mental Deficiency Act, 1913. These were disposed of as follows:—

	<i>Male.</i>	<i>Female.</i>	<i>Total.</i>
Sent to Institutions by order	1	1	2
Placed under Statutory Supervision	7	6	13
	<u>8</u>	<u>7</u>	<u>15</u>

THE BUCKINGHAMSHIRE VOLUNTARY ASSOCIATION FOR THE CARE OF THE MENTALLY DEFECTIVE REPORTS AS FOLLOWS.—In the care of the mentally defective, much time has had to be spent in pioneer work to convince even a small proportion of the general public that it is a subject of grave importance, not only to the present, but to future generations. We feel, therefore, that as a Voluntary Association, we have cause to congratulate ourselves on our share in the results achieved after a quarter of a century of organised effort.

There have been many difficulties to overcome, and in particular progress has been hampered by the want of means for housing defectives, a problem which has, however, now been relieved for a time by the completion of the first instalment of the extensions at the Borocourt Joint Institution, which should greatly facilitate the work in future.

We would here refer to our report of April, 1934, in which the opinion was expressed that we should be nearing that point when an annual decline in the new cases ascertained might reasonably be expected. It is believed that, but for the migration of families into the County, especially in the South, from distressed areas, bringing with them a number of defectives, the peak of ascertainment would have been reached ere this. As it is, the total number recorded, under all headings, for the past two years, shows but a small increase. At December, 1936 (901), 1937 (914), 1938 (927), which by a coincidence is an addition of thirteen in each year. By this it is not intended to infer that there will be no fresh cases, but it is believed that such will, in the near future, be balanced by those written off each year through deaths, discharges, or removals to other areas, together with border line cases which make good and are suspended from supervision. Of the latter class, seven were removed from the list of cases under Voluntary Supervision during the past two years.

It should not be assumed from the foregoing that provision of further institutional accommodation is unnecessary. As will be seen by the Summary at the end of this Report, setting out the present distribution of the 927 cases, there is a total exceeding 400 under guardianship and supervision in their homes, all of whom are potential institutional patients. Experience shows that, as parents grow older, and other inevitable causes arise which render them incapable of exercising the necessary care and protection, an institution is the only alternative for the majority of such cases.

Coming to the past year, we are able to report that the various branches of work undertaken by the Association have been continued with success. All cases under supervision have been visited periodically by either the Divisional Hon. Secretaries, the local Visitors, or the Secretary. So far as is practicable, tuition and training is provided for cases in their own homes, the result of which is very encouraging. Help has also been rendered to necessitous cases by way of grants for clothing, medical comforts, Christmas extras, spectacles, etc. We were again able to send fifteen defectives to the seaside for a week's holiday last summer.

We would once more express our gratitude to all those who have so kindly assisted us in the past, either by referring or supervising cases, and respectfully solicit their future interest, by which means alone can the Committee's efforts be maintained.

The following is a Summary of the total number of defectives, and their distribution at the 31st December, 1938:—

In Institutions	354
Under Guardianship	57
Under Statutory Supervision	158
Under Voluntary Supervision	127
Children between seven and sixteen years of age:—	
In Special Schools	22
Supervised by the Association on behalf of the Education Committee	71
Public Assistance Cases	27
In County Mental Hospital	84
Reported from reliable sources, but no action yet taken	27
	927
	927

The Committee cannot close this Report without reference to the valuable help given to the Association during the last twenty years by Mr. Fisher. It is impossible to express the affection and esteem which is felt by all who come in contact with Mr. Fisher—to go into a cottage with him, and to see the way in which he is received, is a lesson to all who have to undertake this work. The best wishes of the Committee go to our Secretary. May he have a happy long life after his retirement from public service.

THE UNMARRIED MOTHER, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.

Much of the work of dealing with the unmarried mother is in the hands of the Oxford Diocesan Council for Moral Welfare, and in this county, local voluntary Committees are responsible for the management of shelters at Aylesbury and Slough.

Pregnant single girls are generally transferred to the Aylesbury Shelter to which is attached an excellent small maternity home, the Mid-Bucks Maternity Home, which also provides beds under the County Council Scheme for married mothers.

During the year 1938, 35 unmarried mothers were admitted to the Aylesbury Shelter for their confinements.

MIDWIVES.

Number of Midwives who notified their intention to practise 208 (202)
(Of this number 175 were permanent midwives and 33 undertook temporary duty).

Number of Midwives removed from the roll at own request ...	9	(0)
" " " died	0	(0)
" " " reported to Central Midwives Board	0	(1)

Twenty-two of the registered midwives took less than three cases, 7 of the 22 doing no midwifery, the reasons being (a) emergency or maternity nurses, (b) the midwives lived just outside the county but hoped to practise in Bucks, and notified their intention for this purpose.

Of the 208 midwives registered, 147 worked for Associations, 1 was employed at Newport Pagnell by the Bucks County Council, 3 by the Oxford Diocesan Council, and the remainder took their own fees.

VISITS BY SUPERVISOR.

Number of ordinary inspections	308	(388)
„ „ special inspections	108	(87)
„ „ other visits in the interests of midwifery work ...	89	(44)

CASES ATTENDED BY MIDWIVES.

Alone	1,837	(1,876)
With doctor	1,717	(1,729)

NOTICE FOR SENDING FOR MEDICAL HELP.

In case of mother	657	(654)
including " for Rise of Temperature "	53	(50)
In case of infant	103	(72)
including " Eye discharge "	24	(22)
" Rise of Temperature " eventually notified to Local Sanitary Authority as <i>Puerperal Fever</i>	12	(7)
" Rise of Temperature " eventually notified to Local Sanitary Authority as <i>Puerperal Pyrexia</i>	28	(7)
" Eye Discharge " eventually notified to Local Sanitary Authority as <i>Ophthalmia Neonatorum</i>	12	(4)

NUMBER OF STILLBIRTHS NOTIFIED

27 (17)

DEATHS OF MOTHERS

1 (5)

1 Cardiac failure and collapse due to prolonged labour and uterine inertia.

DEATHS OF INFANTS

25 (29)

6 Prematurity.	1 Bronchitis.
1 Congenital heart.	8 Feebleness.
3 Asphyxia.	1 Malformation.
2 Cardiac Failure.	1 Jaundice.
1 Spina Bifida.	1 Imperfect dilation of lungs.

INQUESTS

0 (0)

MATERNITY AND CHILD WELFARE.

INFANT WELFARE CENTRES.—The total number of centres is now 60. All centres are managed by Voluntary Committees and are supported financially by annual contribution from the County Council under the provisions of Section 101 of the Local Government Act, 1929.

The total number of children under 1 year of age who attended at the Centres for the first time was 2,013, and between the age of 1 and 5 years 628. The percentage of children under 1 year of age who attended at a centre for the first time to the total number of notified live births was 57.2.

The total number of attendances at all centres during the year by children under 1 year of age was 28,190, and by children between the ages of 1 and 5 years 25,544.

HEALTH VISITING.—The County Council employs ten whole-time Health Visitors and by arrangements with Voluntary Nursing Associations is enabled to have the services of 80 District Nurses. The number of visits paid during the year by all Health Visitors is as follows:—

- (a) To expectant mothers first visits 2,140—total visits 14,579.
- (b) To children under 1 year of age, first visits 2,303—total visits 12,197.
- (c) To children between the ages of 1 and 5 years—total visits 22,162.

ANTE-NATAL CENTRES.—At Lane End and Chesham where ante-natal sessions are held prior to the ordinary infant welfare sessions the work continues to be carried on satisfactorily. At Aylesbury and Slough special sessions are held on premises owned or leased by the County Council.

The total number of expectant mothers who attended the clinics was 402 (compared with 553 in 1937), while the total number of attendances made by such mothers was 909.

402 expectant mothers attended an ante-natal clinic, 11.4 per cent. of the total births notified.

There is a slight decrease in the number of ante-natal visits paid by district nurse midwives to their patients, the total number for 1938 being 14,579 as compared with 14,770 in 1937.

MILK ASSISTANCE.—The demands upon this service continued to grow. During the year 136 expectant and 234 nursing mothers were supplied with either cow's milk or dried milk as compared with 88 and 163 mothers respectively in the previous year. Free supplies for infants up to the age of five years increased from 146 in 1937 to 288 in 1938. The total number of cases assisted during each of the last three years is as follows:—1936, 274; 1937, 397; 1938, 658.

DENTAL TREATMENT OF EXPECTANT AND NURSING MOTHERS.—As reported last year, the dental treatment of expectant and nursing mothers and infants up to five years of age continued to be carried out by private dental practitioners, whose charges for the work are based upon lines similar to the dental benefit provided by Approved Societies under the National Health Insurance Act. The County Council bears one half of the cost and the recipient of treatment the other half. One hundred and thirty-three mothers and 10 infants obtained this benefit during the year, a total of 143 cases as compared with 122 in 1937.

It is unfortunate that the teeth of many expectant mothers are in a very poor condition, many of the teeth having gone far beyond the stage when it is possible to fill them. It is hoped that the improved care of the diet of young infants and the present excellent school dental service will result in much better dental standard in the expectant mothers of the future. Meanwhile the present scheme of treatment does good service.

MATERNITY BEDS.—Under the auspices of the Public Health Committee, 128 cases were admitted in 1938 as compared with 142 in the previous year, and the following table shows the number of cases admitted to Institutions, etc.

<i>Institution.</i>	<i>No. of cases admitted.</i>
Mid Bucks Maternity Home	30
The Radcliffe Infirmary, Oxford	37
Bedford County Hospital	7
The Grange, High Wycombe	1
Maternity Home, Slough	13
Barrett Maternity Home, Northampton	35
Royal Berkshire Hospital	5
	<hr style="width: 100px; margin: 0 auto;"/>
	128
	<hr style="width: 100px; margin: 0 auto;"/>

INFANT WELFARE CENTRES.

NAME OF CENTRE.	SITUATE.	BY WHOM PROVIDED.
AMERSHAM AND CHESHAM Bois	St. Michael's Hall	Voluntary Committee
AYLESBURY	The Clinic, Pebble Lane	County Council
BEACONSFIELD	The Old Rectory	Voluntary Committee
BLEDLOW AND DISTRICT ...	The Memorial Hall	County Council
BLETCHLEY	School Clinic	Voluntary Committee
BOURNE END	Fairfield School	Voluntary Committee
BRADWELL	Bowyer Hall	County Council
BRILL	Working Men's Institute	Voluntary Committee
BUCKINGHAM	The Oddfellows' Hall	Voluntary Committee
BURNHAM	The Village Hall	Voluntary Committee
CHALFONT ST. GILES	Memorial Hall	Voluntary Committee
CHALFONT ST. PETER	Cottage Hospital, Horn Hill	Voluntary Committee
CHARTRIDGE AND THE LEE	Reading Room, Chartridge	Voluntary Committee
CHESHAM	The Clinic, Germain St.	Voluntary Committee
CIPPENHAM	Central Hall	Voluntary Committee
DATCHET	Working Men's Club	Voluntary Committee
DOWNLEY	Memorial Hall	Voluntary Committee
ELLESBOROUGH	Parish Hall	Voluntary Committee
ETON	Church Hall, High St.	Voluntary Committee
ETON WICK	The Institute	Voluntary Committee
FAENHAM ROYAL	The Village Hall	Voluntary Committee
ST. MICHAEL'S, FARNHAM ROYAL	Slough Social Centre	Voluntary Committee
FLACKWELL HEATH	Temperance Hall	Voluntary Committee
FRIETH	Village Institute	Voluntary Committee
GERRARDS CROSS	British Legion Men's Hall	Voluntary Committee
GREAT HAMPDEN	Parish Room	County Council
GREAT MISSENDEN	The Church Room	Voluntary Committee
HORTON	Champneys Hall	Voluntary Committee
IVER	The Village Hall	County Council
IVINGHOE & DISTRICT	The Town Hall	Voluntary Committee
KIMBLE	Mrs. Lavington's, Askett	Voluntary Committee
LACEY GREEN	The Memorial Hall	County Council
LANE END	The Village Hall	Voluntary Committee
LANGLEY	Red Lion Hall	Voluntary Committee
LAVENDON	The George Club Room	Voluntary Committee
LINSLADE	Forster Institute	Voluntary Committee
LONG CRENDON	The Old Court House	Voluntary Committee
LOUDWATER	Village Hall	Voluntary Committee
MARLOW	Court Garden, Pound Lane	Voluntary Committee
NAPHILL	The Village Hall	Voluntary Committee
NEWPORT PAGNELL	73, High Street	County Council
OLNEY	Church Hall	Voluntary Committee
PRESTWOOD & GREAT KINGSHILL	Memorial Hall, Prestw'd	Voluntary Committee
PRINCES RISBOROUGH	Baptist Church Room	Voluntary Committee
QUAINTON	Memorial Hall	Voluntary Committee
RICHINGS PARK	Church Room	Voluntary Committee
SLOUGH	Health Centre	Voluntary Committee
STOKENCHURCH	The Centre Hut	Voluntary Committee
STOKE POGES	The Village Hall	Voluntary Committee
STONY STRATFORD	The Parish Room	Voluntary Committee
TYLERS GREEN	St. Margaret's Parish Room	Voluntary Committee
WADDESDON	Village Hall	Voluntary Committee
WENDOVER	British Legion Hall	Voluntary Committee
WINCHMORE HILL	Memorial Hall	Voluntary Committee
WING	Rothschild Hall	Voluntary Committee
WINSLOW	St. Lawrence Room	County Council
WOBURN SANDS	The Friends Meeting House	Voluntary Committee
WOLVERTON	Council School, Aylesbury Street.	Voluntary Committee
WOORBURN GREEN	Church Hall	Voluntary Committee
WRAYSBURY	Scout Hut	Voluntary Committee

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

Notifiable Cases.

TUBERCULOSIS.—The year 1938 showed a decrease in the number of notifications of pulmonary tuberculosis from 162 in 1937 to 113. There was an increase in the number of notifications of the non-pulmonary type from 36 in 1937 to 39 in 1938.

OPHTHALMIA NEONATORUM.—Fourteen cases were notified, as against 4 in the previous year.

PUERPERAL FEVER AND PUERPERAL PYREXIA.—41 cases were notified, 9 more than in the previous year.

CEREBRO SPINAL FEVER.—Eight notifications were received compared with seven in the previous year.

POLIOMYELITIS.—Three cases were reported, compared with eight in 1937.

ENCEPHALITIS LETHARGICA.—One case was notified, compared with one in 1937.

ENTERIC FEVER.—Eight cases were notified, compared with 7 in the previous year.

DIPHTHERIA.—There were 157 notifications, against 110 in the year 1937. Slough (53), Wycombe (25) and Bletchley (11) were the Urban Districts, and Eton (19) and Aylesbury (11) the Rural Districts with the heaviest incidence.

SCARLET FEVER.—Notifications numbered 651, compared with 515 in 1937.

Diphtheria Immunisation.

The diphtheria immunisation scheme for Infant Welfare Centre children has now been in operation in this County for approximately four years.

During 1938, diphtheria immunisations were carried out on 263 pre-school and 160 school children during the ordinary sessions of the Infant Welfare Centres. The total number of children who have been immunised in this County to the end of 1938 is 2,464. When a child attending the Infant Welfare Centre has brothers and sisters attending school it has been convenient to treat them all at the Infant Welfare Centre so that in this way the whole family is made immune.

No child is immunised unless one of the parents sign a consent form. The parents are given a certificate of immunity three months after the last injection.

Non-Notifiable Cases.

Measles. 1,957 children were reported as suffering as compared with 978 cases in the previous year. 128 schools were attacked and it was found necessary to close four schools for a period. German measles was responsible for 65 cases compared with 14 in 1937.

Chicken-pox was responsible for 870 cases, as against 902 in the previous year. Mumps showed a decrease, 270 children being attacked as against 393 in 1937. The number of cases of Whooping Cough was decreased by 141, 290 being attacked. One school was closed for a period.

With regard to Measles, it is still very difficult to obtain immediate information of the first case arising in any school and putting into force the short exclusion of those children who have never been attacked. This measure when it can be undertaken at the proper moment is extremely useful in preventing a general outbreak.

**NOTIFICATIONS OF INFECTIOUS DISEASES IN URBAN
AND RURAL DISTRICTS, 1938.**

DISTRICTS.	Tuber- culosis.		Ophthalmia Neonatorum.	Puerperal Pyrexia.	Cerebro Spinal Fever.	Poliomyelitis.	Encephalitis Lethargica.	Pneumonia.	Malaria.	Dysentery.	Smallpox.	Enteric Fever.	Diphtheria.	Scarlet Fever.
	Pulmonary.	Other Forms.												
URBAN.														
Aylesbury	8	4	1	2	1	...	...	...	...	1	...	1	3	46
Beaconsfield .....	...	...	...	...	...	...	...	...	...	...	...	...	6	6
Bletchley .....	...	...	...	1	...	1	...	7	...	...	...	...	11	4
Buckingham	1	2	2	2	...	...	...	2	...	...	...	...	...	48
Chesham	3	1	...	1	...	...	...	...	...	...	...	...	1	17
Eton	2	...	...	...	...	...	...	...	...	...	...	...	3	4
Linslade .....	...	...	...	...	...	...	...	...	...	...	...	1	2	22
Marlow	3	1	...	2	...	...	...	...	...	...	...	...	...	14
Newport Pagnell	1	2	...	...	...	...	...	...	...	...	...	...	...	1
Slough	32	11	7	13	2	...	...	35	...	...	...	...	53	135
Wolverton	6	3	...	...	...	...	...	19	...	...	...	1	5	6
Wycombe	5	1	1	4	1	2	1	34	...	...	...	...	25	68
Total Urban	61	24	11	25	4	3	1	97	...	1	...	3	109	371
RURAL.														
Amersham	12	4	1	2	1	...	...	25	...	...	...	5	6	68
Aylesbury	12	3	...	1	1	...	...	3	...	4	...	...	11	52
Buckingham	3	2	...	1	...	...	...	5	...	...	...	...	1	48
Eton	13	6	2	7	...	...	...	12	...	...	...	...	19	38
Newport Pagnell	4	3	...	1	...	...	...	4	...	...	...	...	2	14
Wing	1	1	...	...	...	...	...	2	...	...	...	...	2	11
Winslow	2	1	...	...	1	...	...	3	...	...	...	...	2	15
Wycombe	8	3	...	4	1	...	...	18	...	...	...	...	5	34
Total—Rural	55	23	3	16	4	...	..	72	...	4	...	5	48	280
County	116	47	14	41	8	3	1	169	...	5	...	8	157	651

CANCER.

Facilities available in, or for, the area.

The Council have not provided any special facilities in the County for the treatment of Cancer, neither have they entered into any agreement with other local authorities or voluntary bodies for this purpose.

Specialist surgeons are attached to the Voluntary General Hospitals in and serving the County for cases referred by general practitioners.

Lectures, etc.

The special committee of the British Empire Cancer Campaign has set up an organisation in the County to stimulate the education of the public on matters concerning cancer. Local Hon. Secretaries, who in some areas are Assistant County Medical Officers, have been appointed and panels of lecturers have been drawn up.

PROVISION FOR THE CARE OF THE BLIND.

DOMICILIARY RELIEF FOR THE BLIND.—The arrangements for the relief of the Blind on behalf of the County Council by the Bucks Association for the Blind continue to work satisfactorily.

The number receiving regular grants during the four quarters of the year were respectively 148, 142, 149 and 148, giving an average throughout the year of 147, compared with 131 in the year 1937.

The amounts varied from 1/- to 30/- per week. A Case Committee reviews all cases once a quarter.

In the financial year ended 31st March, 1939, the total of grants paid to necessitous blind persons was £3,303 17s. 2d., of which £2,650 was provided by the County Council and the remainder was paid out of the funds of the Association.

From the Annual Report of the Association for the year ended 31st March, 1939, the following extracts are made.

The number of registered blind persons continues to increase. On 31st March, 1939, there were 397 registered blind in the County, an increase of 13 in the year. As stated last year the great majority are over middle age—278 being over the age of 50 years. There are no blind children in the county under the age of one year.

The ages of the blind population are shown in the following table:—

Under 1 year	Nil
1— 5 years	1
5—16 „	15
16—21 „	10
21—40 „	45
40—50 „	48
50—65 „	84
65—75 „	39
Over 70 years	155
	—
	397
	—

Nine persons over the age of 16 years are undergoing training in institutions for the blind.

314 persons are classed as "unemployable." These are principally elderly people, but there are 73 who have serious mental or physical disability which prevents them from working, as shown below:—

Mentally defective	16
Physically defective	45
Deaf, including 1 deaf-mute	12

Five persons are in homes for the blind, 3 in mental hospitals, and 23 in public assistance institutions.

The approved Home Workers numbered 21 at the end of March. These Home Workers continue under the general supervision of the London Society for Teaching and Training the Blind, and the Home Teachers also help by arranging Sales of Work.

In all, 56 blind are usefully employed, and seven are under training. The employments followed are:—

Basket makers	14
Boot repairers	5
Chair-seater	1
Agents and shopkeepers	9
Knitters (hand 2, machine 5)	7
Mat Makers	3
Minister	1
Music teacher	1
Farmers and poultry farmers	6
Teachers	1
Tuners	2
Typists	1
Miscellaneous	5

Thirteen children between the ages of 5 and 16 are in special schools and two, who are mentally defective, are in institutions suitable to their conditions.

The Association continues to co-operate with the British Wireless for the Blind Fund, and assists in the maintenance of the sets. During the year £60 8s. 5d. was expended in providing new batteries, and for repairs and replacements of parts.

The Association administers the relief of the unemployable blind and their dependants, and the demands on this service continue to increase, entailing a vast amount of work on the divisional secretaries and almoners. In the year under review there have been on the average 148 persons in receipt of regular relief, an increase of nine per week, costing £3,303 17s. 2d. compared with £2,977 1s. 5d. in the previous year. The relief is paid weekly, at the homes of the recipients, and none but those who are engaged in the work can realise the sacrifices made by voluntary workers in discharging this valuable service to the blind people, and the Committee would like to take this opportunity to thank all who take their part in this work.

ORTHOPAEDIC CLINICS, 1938.

	Non-tuberculous cases.			Tuber- culous cases.
	Children of School Age, 5-14 years.	Children under 5 years of age	Patients over 14 years of age	
No. of patients on the Register 31st Dec., 1937:—				
Aylesbury	90	59	259	27
Buckingham	27	11	60	—
Chesham	147	18	43	5
High Wycombe	196	84	141	6
Newport Pagnell	61 — 521	44 — 216	60 — 563	5 — 43
No. of patients on the Register 31st Dec., 1938:—				
Aylesbury	104	66	140	15
Buckingham	59	11	78	—
Chesham	155	33	72	6
High Wycombe	218	56	201	11
Newport Pagnell	99 — 635	47 — 213	51 — 542	8 — 40
No. of attendances during 1938:—				
Aylesbury	532	204	747	16
Buckingham	150	33	218	—
Chesham	1304	72	182	64
High Wycombe	849	257	618	10
Newport Pagnell	380 — 3215	130 — 696	209 — 1974	45 — 135
No. discharged cured:—				
Aylesbury	20	3	62	2
Buckingham	3	—	—	—
Chesham	57	2	21	—
High Wycombe	33	17	53	2
Newport Pagnell	8 — 121	4 — 26	14 — 150	1 — 5
No. of deaths:—				
Aylesbury	—	1	1	—
Chesham	—	—	2	—
High Wycombe	—	— — 1	— — 3	1 — 1
Treatment discontinued for other reasons:—				
Aylesbury	9	3	11	—
Buckingham	—	—	—	—
Chesham	5	—	6	—
High Wycombe	22	9	63	1
Newport Pagnell	7 — 43	8 — 20	29 — 109	— — 1

**PROVISION MADE FOR CASES OF PUERPERAL FEVER,
PUERPERAL PYREXIA AND OPHTHALMIA
NEONATORUM.**

The number of notifications of cases of Puerperal Fever and Puerperal Pyrexia was 9 more than the previous year; 25 were from Urban areas and 16 from Rural areas.

There were 14 cases of Ophthalmia Neonatorum notified as against 4 in the previous year.

An appreciable number of notifications of these three conditions were not re-notified to the County Medical Officer in accordance with the Regulations governing such notifications. Re-notifications were received in respect of 23 cases of Puerperal Fever and Puerperal Pyrexia and 8 Ophthalmia Neonatorum.

Three cases of Puerperal Pyrexia occurred among the 128 maternity cases which were maintained by the County Council during 1938 at the Voluntary Hospitals or Institutions with which arrangements are in force.

The returns received from the Public Assistance Institutions in the County show that 85 maternity cases were delivered during the year and of these one developed puerperal fever.

The County Council has arrangements in force for the admission of cases of puerperal fever and puerperal pyrexia to the Radcliffe Infirmary, Oxford, Northampton General Hospital, Bedford County Hospital, Queen Charlotte's Isolation Hospital, Ravenscourt Square, Royal Berkshire Hospital, and with the London County Council for the use of the North-Western Fever Hospital, specially devoted to this type of case.

Twenty-three cases of either puerperal fever or pyrexia were admitted to those hospitals during the year and were distributed as follows:—

Radcliffe Infirmary, Oxford	3 cases
L.C.C. North-Western Hospital	10 „
Royal Berkshire Hospital, Reading	5 „
Queen Charlotte's Hospital, London	3 „
Other Institutions	2 „

Six cases of Ophthalmia Neonatorum were removed to St. Margaret's Hospital, London and two to Oxford.

TUBERCULOSIS.

Deaths from tuberculosis in 1938 numbered 127.

Notifications.—113 notifications of pulmonary and 39 non-pulmonary tuberculosis were received. 156 new cases were seen by the Tuberculosis Officer during the year.

The increase in both notifications and deaths are to be expected in view of the larger population; in the Slough area especially one has to face not only an increase of population but an increase drawn largely from areas where unemployment has caused conditions of life which are likely to produce or to aggravate tuberculosis.

A large proportion of patients seen for the first time during the year were in a moderately or far advanced stage. This is unfortunately the usual experience and it makes the ultimate outlook worse; though many of them are improved by sanatorium treatment, the prognosis is a fatal one in the course of two years or less. Provision has been made at the Sanatorium for such cases, but there is one drawback to the admission of such cases, the increasing number of deaths at the Sanatorium, which has a very depressing effect on other patients. Under the existing conditions such a thing is inevitable, but it raises doubts as to the wisdom of the policy, and makes one think that many such cases could be treated in the Institution Hospitals in the County, as what they need most is nursing and care—active treatment is out of the question in cases of this type. The number of patients who are suffering from chronic advanced disease, many of them having no home to which they can be transferred, has been the cause of delay in the admission of more hopeful cases.

There is a limit to the number of bad cases with which the Medical and Nursing staff can deal, and some patients are unwilling to go to Peppard to end their days as it is very inaccessible from some parts of Bucks for the visits of their relations, so that it is sometimes necessary to find room for these cases elsewhere.

Examination of contacts is still unsatisfactory. There has been a good deal of discussion recently as to the value of examining child contacts, some holding that it is only worth while to deal with adults and adolescents. The ideal is to examine them all, but the easiest to get at are the children who will often be brought to the Clinics by a parent; to get hold of both parents and those of the household who are over school age is usually difficult.

Artificial pneumothorax has been used increasingly and the number of refills at varying periods has added considerably to the work of the Tuberculosis Officer, while the tendency to employ some form of surgical treatment in more cases leads to longer periods of institutional treatment, which causes a larger number of patients waiting for admission. In view of this it may be necessary to build more accommodation at the Sanatorium so as to avoid as far as possible the deterioration of patients waiting long for a vacancy.

In connection with this form of treatment X-Ray examinations are now considered essential, so that for the diagnosis of doubtful cases and for "A.P." cases X-Ray examinations become more and more frequent. The excellent results obtained by the Radiographers at the Royal Bucks Hospital and Wycombe War Memorial Hospital have been of the greatest assistance, and the co-operation of the Hospital Staffs is much appreciated by the Tuberculosis Officer. For cases in the north of the County the Northampton Borough Council have kindly consented to their Tuberculosis Officer making any necessary X-Ray examination, and his help has been very valuable.

Shelters have been in use where bedroom accommodation in the patient's home is inadequate and at the present time all the shelters available are occupied; for those not bedridden they are most useful, but where constant attendance on a patient is required they are of doubtful advantage, especially in winter or bad weather.

Examinations of specimens of sputum, etc., are made free of charge for practitioners in the County. During the year 499 specimens were examined, in 105 of which tubercle bacilli were found, the other 394 giving a negative result.

As in recent years the majority of cases of tubercle of bones and joints have been sent direct to the Orthopædic Clinics, and the Tuberculosis Officer only sees such non-pulmonary forms as tuberculous glands, with occasional cases of peritonitis, etc. It is hoped that such cases will get fewer in proportion to the elimination of bovine sources of infection.

Without the goodwill and help of medical practitioners throughout the County it would be impossible to get into touch with the cases of tuberculosis, and the Tuberculosis Officer would once more acknowledge with thanks their co-operation.

NEW CASES AND MORTALITY, 1938.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-1 .....	...	...	4	1	...	1	2	2
1-5 .....	...	1	6	2	1	2	4	5
5-10	1	...	2	1	4	9	1	1
10-15	3	5	3	3				
15-20	7	7	2	3	22	14	2	2
20-25	21	20	4	2				
25-35	18	12	2	1	14	7	1	1
35-45	11	4	2	...	10	3	2	...
45-55	1	1	1	...	3	6	...	1
55-65	3	...	...	...	6	1	...	...
65 and upwards ...	...	...	...	...	...	...	...	...
TOTALS	65	50	26	13	60	43	12	12

INSTITUTIONAL TREATMENT.

Institutional treatment was provided in 308 cases of whom 121 remained under treatment on December 31st, 1938, and 187 were admitted during the year. They were treated at the following Institutions:—

	Men.	Women.	Boys.	Girls.	Total.
Berks and Bucks Joint Sanatorium	85	56	24	20	185
Wingfield-Morris Orthopædic Hospital ...	16	12	8	3	39
Preston Hall, Maidstone, Kent	13	—	—	—	13
St. Luke's Hospital, Bayswater	5	8	—	—	13
London Chest Hospital, Victoria Park ...	5	3	2	—	10
St. Joseph's Hospice, Hackney	2	2	—	—	4
St. Bartholomew's Hospital, E.C.1	2	1	—	—	3
The Brompton Hospital, S.W.3	2	1	—	—	3
Royal National Hospital, Bournemouth ...	1	2	—	—	3
Burrow Hill Sanatorium, Frimley	1	—	2	—	3
Royal Sea-Bathing Hospital, Margate ...	2	—	1	—	3
Royal National Hospital, Ventnor	2	—	—	—	2
St. Anthony's Hospital, Cheam	1	1	—	—	2
Creton Sanatorium, Northampton	1	1	—	—	2
Yateley & District Hospital	1	1	—	—	2
King Edward VIIth Sanatorium, Mid- hurst	1	—	—	—	1
Papworth Hall, Cambridgeshire	1	—	—	—	1
The Cotswold Sanatorium, Cranham	1	—	—	—	1
The Royal Bucks Hospital, Aylesbury ...	—	2	—	—	2
Aldingbourne House, near Chichester	—	1	—	—	1
St. Michael's Hospital, Hayle	—	1	—	—	1
The Firs Home, Bournemouth	—	1	—	—	1
Children's Hospital, Coldash	—	—	3	3	6
Lord Mayor Treloar Hospital, Alton	—	—	3	2	5
Children's Sanatorium, Holt	—	—	1	—	1
Royal National Orthopædic Hospital	—	—	—	1	1
Total	142	93	44	29	308

Two hundred and six patients were discharged during the year and their condition was reported as follows:—

Quiescent	93
Not Quiescent	64
Died in Institutions	28
Not Tuberculous	21

Total 206

TREATMENT OF VENEREAL DISEASES.

For the treatment of venereal diseases the Bucks County Council is a participating authority in the London and Home Counties Scheme for the Treatment of Venereal Diseases and has the advantage of the facilities provided at the clinics of 21 large general and special hospitals in London.

During 1938 the number of new patients attending the London Hospitals was 181 as compared with 163 in 1937. The total attendances made were 3,574 as compared with 3,530 for last year, an increase of 44 attendances.

The number of in-patient days show a decrease from 305 in 1937 to 236 in 1938.

At the Radcliffe Infirmary, Oxford, 10 new patients attended for treatment as compared with 4 last year. The total attendances made were 180 as against 138 in 1937. In-patient days, 35.

There were 22 new patients in attendance at the Northampton General Hospital, and the total attendances made were 385, as compared with 16 and 358 in 1937. There were 78 in-patient days, as against 177 in the previous year.

HOSTELS.

Ten patients from the County availed themselves of the facilities of staying in an hostel.

Necessitous cases and those whose treatment requires prolonged attendance are assisted by the County Council in the payment of their railway fares. A sum of approximately £290 was expended during 1938 in providing this assistance.

The following table gives the number of pathological specimens examined during the year:—

	London	Northants	Oxford
FOR OR AT THE CENTRES.			
Detection of Spirochaetes	6	1	—
„ „ Gonococci	762	37	8
„ „ Wassermann Reaction ..	317	26	13
„ „ Others	393	—	—
FOR PRACTITIONERS.			
Detection of Spirochaetes	—	—	—
„ „ Gonococci	20	—	—
„ „ Wassermann Reaction ..	158*	—	—
„ „ Others	19	—	—
Totals	1,875	64	21

*Includes 12 specimens sent up for examination to St. Thomas's Hospital from the County Health Office.

**SAMPLES OF FOOD AND DRUGS ANALYSED BY THE
PUBLIC ANALYST, 1938.**

Articles submitted for Analysis.	Total number.	No. Adul- terated.	Nature and Extent of Adulteration.
Milk	42	22	2 7.6% deficient in fat, 6%, 9.6%, 10.6%, 19.3%, 26.3%, 34.3%. Added water 4.2%, 4.4%, 5.5%, 8.7%, 9.7%, 13.1%, 14.2%, 14.4%, 20%, 24.5%, 27.5%, 33.5%. 1 slightly low in solids not fat. 1 46.7% added water and 50.6% deficient in fat.
Condensed milk	8		
Malted milk	1		
Cream	8		
Butter	15		
Cheese	32	15	2 "Stilton" cheese, not Stilton. 8 "Cheddar" cheese not whole cream cheese. 1 "Gruyere" cheese—a processed cheese con- taining 53.88% water. 2 "Cream de Luxe"— made from skimmed milk. 2 "Triple Cream Cheese" —made from milk 4 and 6.8% fat content, not from cream.
Margarine	4		
Lard	4		
Suet	8	2	Shredded beef with Rice Flour—deficient in beef fat. "Shredded beef suet" contained an admixture of Rice Flour.
Cooking fats	7	1	"Shortening" contained 13.04% water.
Prepared meat and fish, meat and fish pastes ...	44		
Bread	10		
Tea, coffee, cocoa	19		
Sugar	4	1	Demarara Sugar con- tained .55gr. per lb. of tin.
Vinegar, pickles, sauces .	35	3	1 "Malt" Vinegar was an artificial vinegar. 2 Tomato Chutney con- tained prohibited pre- servatives.

**SAMPLES OF FOOD AND DRUGS ANALYSED BY THE
PUBLIC ANALYST, 1937.—(Continued).**

Articles submitted for Analysis.	Total number.	No. Adul- terated.	Nature and Extent of Adulteration.	
Pepper and spices	9	1	1 Mustard—a mixture of mustard and wheat starch.	
Jam, treacle, honey	14			
Rice, ground rice, corn flour, sago, etc.	14		Chocolate Rolls—1 con- tained no free fat cocoa material. 1 contained 0.9% dry fat free cocoa. 1 contained less than .75% dry fat free cocoa.	
Flour	3			
Cakes	26	3		
Powdered gelatine	1			
Yeast	1		Deficient in butter fat for a "Cream Ice."	
Fruit and vegetables, dried, canned, bottled .	45			
Ice creams	4	1		
Sweets	10			
Beer and stout	7			
Gin	1			
Rum	1			
Whisky	1			
Non-alcoholic drinks ...	8	1		
Lemonade crystals con- tained tartaric acid, not citric acid.				
Olive oil	4		1 informal sample de- ficient in borax. 1 formal sample 4.3% deficient in borax.	
Ced liver oil	1			
Almond oil	1			
Comp. Syrup of Figs ...	1			
Medical paraffin	1			
Glycerine of Borax	2	2		
Senna Pods	1			
Liq. Ext. Cascara Sagrada	1			
Aromatic Sp. Sal. Vol. ...	1			
Phos. Quin. Tonic	1			
Ess. Cinnamon and Quinine	1			
Nerve and Digestive Tablets	1			
Glucose	2			
Totals	404	52		

In addition, 831 samples of milk were tested by the Gerber method. Of these 507 samples were taken from retailers and 324 at schools.

BOROUGH OF CHEPPING WYCOMBE.

The following samples were submitted for analysis during the year:—

<i>Article</i>	<i>Formal</i>		<i>Informal</i>	
	<i>Sample.</i>	<i>Result.</i>	<i>Sample.</i>	<i>Result.</i>
Milk	45	40 Genuine 5 Not genuine	90	72 Genuine 18 Not genuine
Demerara Sugar			5	5 Genuine
Candied Peel			3	3 „
Chocolate Cake	3	2 Genuine 1 Not genuine	2	2 „
Chocolate Roll	1	1 „ „	2	1 „ 1 Not genuine
Bread and Butter	3	3 Genuine	1	1 Genuine
Powdered Cinnamon	3	3 „		
Cream Buns			2	2 „
Honey			2	2 „
Ground Ginger	2	2 „		
Dried Mint	2	2 „		
Quinine & Orange Tonic Tablets			2	2 „
Yeast Tablets			2	2 „
Aspirin Tablets			2	2 „
Dried Apricots			2	2 „
Cheddar Cheese			2	2 „
Pork Sausages	1	1 „	1	1 „
Eclairs			1	1 „
Glycerine			1	1 „
Bi-Carbonate of Soda			1	1 „
Steak & Kidney Pie			1	1 „
Chocolate Tea Cakes			1	1 „
Turkey & Ham Paste			1	1 „
Ground Almonds	1	1 „		
Tea	1	1 „		
Raisins	1	1 „		
Beef Dripping	1	1 „		
Herbal Candy			1	1 „
Cream			1	1 „
Boracic Ointment			1	1 „
Zinc Ointment			1	1 „
Boracic Powder			1	1 „
Lardeen			1	1 „
Cookex			1	1 „
Cider Cup			1	1 „
Vinegar	1	1 „		
Betox			1	1 „
Luncheon Sausage			1	1 „
Jellied Veal			1	1 „
Veal & Ham Pie			1	1 „
Dried Fruit			1	1 „
Chocolate Cream Pies...	1	1 „		
Totals	66	59 Genuine 7 Not genuine	137	118 Genuine 19 Not genuine

**THE ADMINISTRATION OF THE MILK AND DAIRIES
(CONSOLIDATION) ACT, 1915, THE MILK AND DAIRIES ORDER,
1926, AND THE TUBERCULOSIS ORDER, 1925.**

The County Council administers the Act through the Special Committee of the General Purposes Committee. Veterinary inspection is carried out by officers of the Ministry of Agriculture and Fisheries.

COMPLAINTS UNDER SECTION 4. The method of dealing with complaints received was described in the report for 1930, and it is unnecessary to repeat it here. The following table shows the number of notifications received from other Local Authorities during the year 1938.

Authority.	No. of notifications.	No. of samples found to contain T.B.	No. of samples unfit for human consumption from diseases other than T.B.	No. of cows certified to be T.B.	No. of cows whose milk was withheld for other causes.
London C.C.	6	3	—	3	—
Middlesex C.C.	3	2	—	2	—
Oxford C.C.	1	1	1	—	—
Urban District of Staines	1	1	—	1	—

ROUTINE INSPECTION. In addition to the foregoing, systematic inspections are carried out at places of production by the Chief Inspector's staff.

		No. of cows.
Non-designated herds sampled in bulk for tubercle examination	439	6,587
"Accredited" herds sampled in bulk for tubercle examination	128	3,184
"Tuberculin tested" herds sampled in bulk for tubercle examination	44	1,078
Number of tubercular cows slaughtered:—		
"Non-designated"	31	
"Accredited"	36	
"Tuberculin tested"	—	
Number of cows found to be suffering from other diseases—131.		
Samples of milk taken at Schools	303	
Infected with tubercle bacilli	6	

Samples of milk taken for bacteriological examination in the County of Buckingham during the year 1st January, 1938, to 31st December, 1938.

Animal inoculation test for tubercle examination.	Methylene Blue and bacillus coli tests.	Methylene Blue and bacillus coli tests.
Designated and Non- designated herds.	"Tuberculin Tested" milk.	"Accredited" milk.
608	242	483

In addition, 303 samples were taken at schools for tubercle examination and 41 samples of school Pasteurised milk taken for bacteriological examination.

Sixty-six pre-licence samples were also taken of milk produced by applicants for designated licences.

