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B O R O U G H O F B A C U P

ANNUAL REPORT

on the

PUBLIC HEALTH SERVICES

of the

BOROUGH OF BACUP

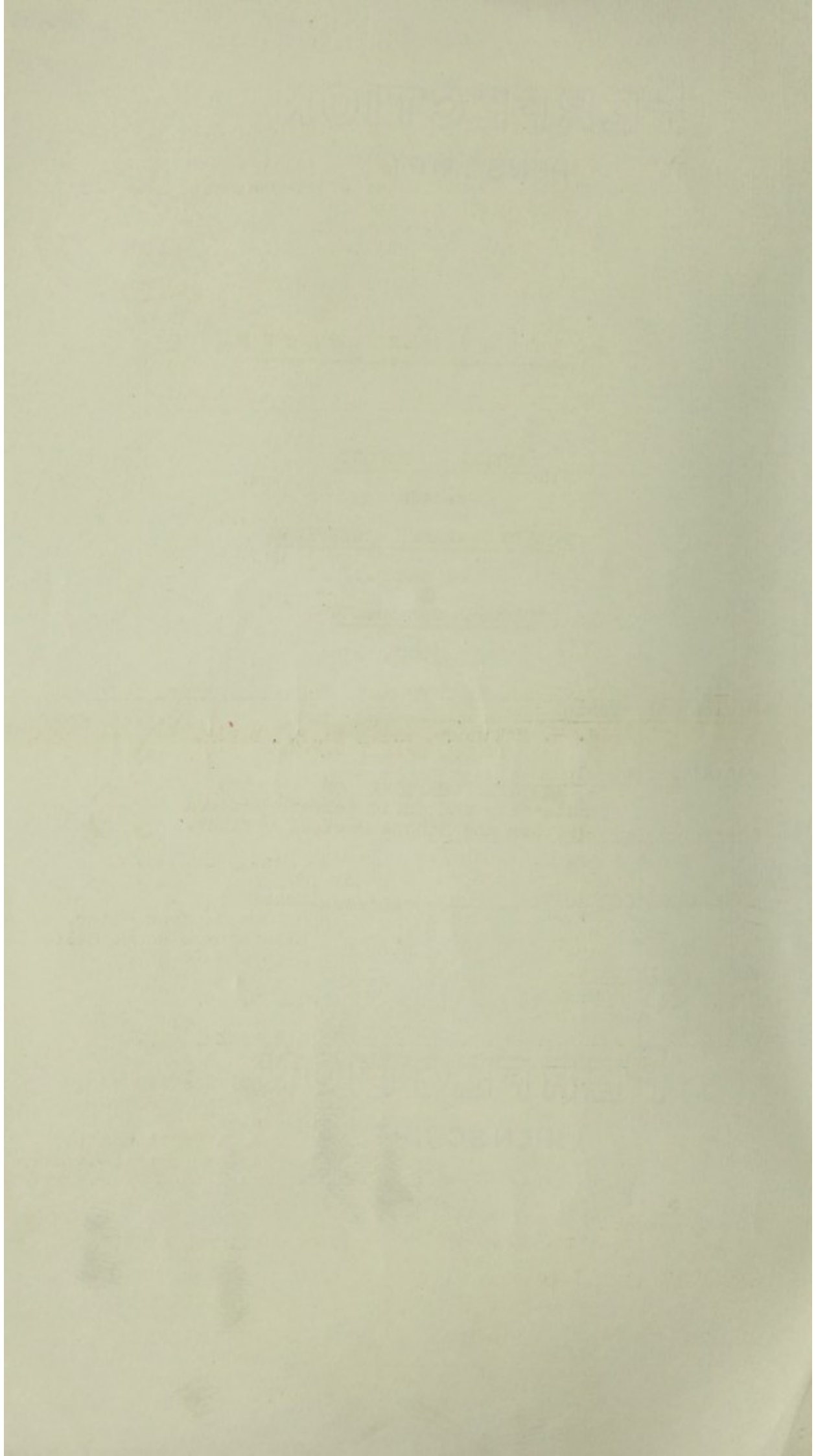
1940

by

J. W. MCKINNEY
M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH
Maternity and Child Welfare Medical
Officer and School Medical Officer.

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BOROUGH OF BAGUP

Health Committee.

His Worship the Mayor, Alderman T. Coates, J.P.
(ex-officio)
Alderman Eli Gledhill (Chairman)
Councillor J.H. Hargreaves (Vice-Chairman)
Councillor F.D. Ashworth.
" H. Ashworth.
" T. Ashworth.
" E. Barcroft.
" W. Marshall, J.P.
" A. Rhodes.
" F. Smith.
" S.C. Smith.
" W. Wright.

Maternity & Child Welfare Sub-Committee.

All the Health Committee

The Mayoress, Mrs. T. Coates.
Mrs. H. Graham.
Mrs. J.A. Hargreaves, J.P.
Mrs. E. Howorth.
Mrs. J. Macdonald, J.P.,
Mrs. W.M. Taylor.

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Public Health Officers

Medical Officer of Health: Maternity & Child Welfare Medical Officer and School Medical Officer:

J. W. McKinney, M.B., Ch.B., D.P.H.

Dental Surgeon to Education Authority:

J. Midgley, L.D.S. (Part-time)

Puerperal Pyrexia Consultant:

Dr. A. Callam, 1, Ormerod Road, Burnley.
(Telephone: Burnley 3973)

Consultant-Specialist. Ante-Natal Clinic:

Dr. R. Newton, 11, St. John Street, Manchester.
Home Address: "Leaside", Wythenshawe Road, Sale.
(Telephones: Blackfriars 2198 & Sale 4878)

Borough Analyst:

T. R. Hodgson, M.A., F.I.C., F.C.S.

Chief Sanitary Inspector, Meat & Foods Inspector, Smoke Inspector & Cleansing Superintendent:

W.A. Healey, Cert: Royal Sanitary Institute.
Cert: Inspector of Meat & Foods.
Cert: Smoke Inspector.
Diploma City & Guilds Institute in
Boiler House Practice (First Class).
Diploma of the Royal Inst: of Public
Health & Hygiene.

Health Visitor:

Miss. E. Fletcher, S.R.N., Certified Midwife.

School Nurse:

Miss. B. Kelly, S.R.N., Certified Midwife.

Clerks:

Clifford Walkden (in H.M. Forces).
Geoffrey Coleman.
Miss. M. Lambert (Temporary).

Public Health Department,
Rochdale Road,
BACUP.
August, 1941.

To the Mayor, Aldermen & Burgesses of the
Borough of Bacup.

Mr. Mayor, Ladies & Gentlemen,

I have the honour to present to you my Tenth
Annual Report on the Health of the Borough.

This Report deals with the statistics for the
year 1940 and is abbreviated as a result of War conditions.

The general health remains satisfactory, although
the Tables shew a great increase in the number of Cases of
Infectious Diseases notified due to Measles and Whooping Cough
having been made notifiable during the year.

Air Raid Precautions Work occupied a considerable
part of the activities of the Public Health Department and the
Staff responded willingly to the additional duties involved.

I take this opportunity of expressing my thanks
to the Staff and other Corporation Departments and in particular
to your Sanitary Inspector, Mr. W.A. Healey, for all his loyal
co-operation and assistance which is always so willingly given
to me, and to the Health Committee for their continued considera-
tion and co-operation.

I am, Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

J.W. McKINNEY,

Medical Officer of Health.

MEDICAL OFFICER'S ANNUAL REPORT FOR 1940

Area in Acres: 6,121.
Population Census, 1931: 20,590.
Registrar General's estimate of
(a) Resident population, mid 1940: 19,100
(b) Average population, appropriate to the calculation
of Death Rates, 19,100.
Number of inhabited houses: 5,885.
Rateable Value: £88,511. Penny Rate Yields: £333.

Bacup is essentially a manufacturing Town, the people being
chiefly employed in the Footwear Industry, Cotton & Felt Trades,
Sandstone Quarrying, Dyeing &c.

Principal Causes of Death during 1940.

	M	F	Total.
Influenza	5	4	9
Respiratory Tuberculosis.	3	4	7
Other Tuberculosis.	1	-	1
Cancer	14	20	34
Diabetes	1	1	2
Cerebral Haemorrhage.	26	27	53
Heart Disease	32	33	65
Other circulatory	7	1	8
Bronchitis	12	15	27
Pneumonia (All forms)	11	7	18
Other respiratory diseases.	10	7	17
Peptic ulcer	1	-	1
Puerperal Sepsis.	-	1	1
Other digestive diseases.	5	4	9
Acute and Chronic nephritis.	5	6	11
Premature birth	4	1	5

	M	F	Total.
Senility... ..	9	17	26
Suicide	3	3	6
Other violence.	8	6	14
Other defined causes... ..	19	11	30
Syphilis... ..	1	-	1
Other maternal causes.. ..	1	-	1
Other liver diseases	-	1	1
Diphtheria..... ..	1	-	1
Measles	-	1	1

Death rate of infants under one year of age:-
 All infants per 1,000 live births 50
 Legitimate infants per 1,000 legitimate live
 births. ... 51.8
 Illegitimate infants per 1,000 illegitimate
 live births. ... -
 Deaths from Cancer (all ages)... .. 34
 Death rate from Pulmonary Tuberculosis 0.26
 " " Non-Pulmonary " 0.05
 " " Respiratory diseases, except
 Tuberculosis 3.24
 " " Measles 0.05
 " " Whooping cough. 0.00
 " " Diarrhoea (under 2 years). ... 0.00
 " " Scarlet fever 0.00
 " " Enteric fever 0.00
 " " Diphtheria... .. 0.05

	Live Birth- rate	Crude Death- rate	Death rate from Tuberculosis of Respiratory System	Death rate from Cancer	All the foregoing rates per 1,000 of the population.
1938	13.4	14.4	0.45	1.57	
1939	12.4	16.0	0.96	1.98	
1940	13.6	16.6	0.26	1.78	
Increase or decrease on previous year...+	1.2	+0.6	-0.7	-0.2	

	Maternal Mortality Rate		Rate of deaths under One year per 1,000 Live-births.
	per 1,000 Live Births.	per 1,000 Total Live & Still births.	
1938	3.77	3.43	49
1939	4.13	3.92	49
1940	7.69	7.32	51.8
Increase or decrease on previous year	+3.56	+2.40	+2.8

Respiratory diseases.

The number of deaths from above were Bronchitis 27; Pneumonia 18; other respiratory diseases 17, a total of 62 giving a death rate of 3.24 per 1,000 of population per annum against a death rate of 2.03 for 1939.

Diarrhoea and Enteritis.

There were no deaths (under 2 years of age). The death-rate for England & Wales for 1940 was 4.6 per 1,000 live births.

Cancer and Malignant Disease.

The deaths from the above were Males 14; females 20; total 34. This gives a death-rate of 1.78 for 1940 against 1.98 for 1939.

Maternal Mortality.

There were 2 deaths during the year.

Home Cases are assisted as regards nourishment -
Surgical and Medical appliances by the Mayor's Central Aid Fund.

Maternity. Special arrangements are made with Moorlands House, Rawtenstall; joint agreement with Lancashire Public Assistance Comm. No. 7 Haslingden Area according to number of cases sent.

Children. None, except that if mother is fit to leave Moorlands House after confinement there the baby may remain if necessary for special treatment.

The Bacup, Rawtenstall and Haslingden Orthopaedic Clinic was opened in January, 1930, for non-tuberculous cases. It is for children under school age as well as school children, and is part of the Lancashire County Council Scheme. It is held in the Clinic, Kay Street, Rawtenstall.

Smallpox. Joint Hospital at Sourhall, Todmorden, with 52 beds.

Fevers. Agreement with Bury Joint Infectious Hospital Board - beds unlimited for Scarlet fever, Diphtheria, Enteric Fever, Puerperal Pyrexia, Cerebro spinal Fever, Poliomyelitis, Encephalitis Lethargica Polio-encephalitis.

Other diseases. Ophthalmia Neonatorum cases can obtain admission to the Royal Eye Hospital, Manchester. Special arrangements for diseases when required, e.g., Influenza Epidemic 1918, the Haslingden Guardians had a special arrangement for Influenza-Pneumonia cases in their Hospitals. Erysipelas when required.

Ambulance Facilities. (a) In Infectious cases - provided by hospitals. (b) Non-infectious and accident cases - the Borough Ambulances.

Sanitary Circumstances in the Area.

Water Supply.

Town's water supply is from moorland gathering grounds and is passed through Bell's Patent Mechanical Pressure Filters.

Special attention is being paid to the gathering grounds in order to bring the risk of any source of contamination to a minimum. Frequent chemical and bacteriological examinations of water are made.

Details of Water supplies, Drainage and Sewerage for the year ending 31st. December, 1940.

New Connections to Town's Water.

Private Houses...	High Level 35; Low Level 44	...	79
Canteen		1	
Garage		1	
Garden		1	
Farms		2	
Wash-house tap		1	
Mills (by Meter)		2	
Golf Club House	(2 extra W.C.'s; 1 Urinal	1	}
	(5 washbasins; 1 footbath		
	(1 Geyser; heating apparatus)		
Home Guard Depot	(1 Geyser; 1 sink; 1 W.C.	1	

New connections to existing service pipes.

Hot Water only...	25	Lavatory basins...	11
Baths	14	Sink	1
W.C.'s	8	Farms	3

New Districts connected to Town's Water.

Holmes Mill; Ormerod Buildings; Old Meadows Farms; Higher Tong Farm; Rockcliffe Wood; Cowpe Mill; Boarsgreave; Office Row.

Total Number of Connections and Consumers of Town's Water.

Domestic Connections 5,816
Consumers at 3.33 persons per connection ...19,387.

Water Analysis.

During the year 23 samples of water have been sent to the Borough Analyst :-

18 samples were reported excellent and 5 samples slightly acid.

Bacteriological examinations were made of 38 samples with the following results:-

Coliform absent in 100 c.c. ... 34 samples.
Coliform present in 100 c.c.... 2 samples.
" " in 45 c.c. ... 2 samples.

Drainage and Sewerage.

There have been no extensions or improvements during the year 1940.

Housing.

The number of new houses erected during the year is as follows:-

By Local Authority 24.
By Private enterprise. 15.

H. Guffogg, M.Inst.M. & Cy.E.

Borough & Water Engineer.

Schools.

The general condition of the schools is fair, but the sanitary arrangements in some cases require to be improved in order to raise the standard. This I consider an important part in the education of the child. As School Medical Officer I am always in touch with them as regards the prevention and spread of infectious diseases.

Rivers and Streams.

These are attended to by the Mersey & Irwell Rivers Board.

Common Lodging Houses.

There are two Common Lodging Houses, which are kept in a satisfactory condition and are frequently inspected by your Sanitary Inspector.

Tents, Vans, Sheds &c.

All vans &c., visiting the town are inspected.

Swimming Baths and Pools.

There are Public Swimming Baths also Foam, Vapour, Turkish and Vichy Douche; the water is from the Town's supply and is regularly changed.

Housing Statistics, 1940.

1. Inspection of Dwellinghouses during the year:-

(1) (a) Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts... .. 230

(b) Number of inspections made for the purposes ... 571

(2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 31

(b)	Number of inspections made for the purposes ...	72
(3)	Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation... ..	-
(4)	Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation... ..	31
2.	Remedy of Defects during the year without service of Formal Notices:-	
	Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers... ..	199
3.	Action under Statutory Powers during the Year:-	
	(a) Proceedings under Sections, 9,10 and 16 of the Housing Act, 1936:-	
	(1) Number of dwellinghouses in respect of which notices were served requiring repairs... ..	-
	(2) Number of dwellinghouses which were rendered fit after service of formal notices:-	
	(a) By Owners	-
	(b) By Local Authority in default of owners... ..	-
	(b) Proceedings under Public Health Acts:-	
	(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied... ..	-
	(2) Number of dwellinghouses in which defects were remedied after service of formal notices:-	
	(a) By Owners	-
	(b) By Local Authority in default of owners... ..	-
	(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936:-	
	(1) Number of dwellinghouses in respect of which Demolition Orders were made	-
	(2) Number of dwellinghouses demolished in pursuance of Demolition Orders... ..	-
	(d) Proceedings under Section 12 of the Housing Act, 1936:-	
	(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made... ..	-
	(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit.....	-
4.	Housing Act, 1936 - Overcrowding:-	
	(a) (1) Number of dwellinghouses overcrowded at end of year	51
	(2) Number of families dwelling therein	51
	(b) Number of new cases of overcrowding reported during the year... ..	2
	(c) (1) Number of cases of overcrowding relieved during year	20
	(2) Number of persons concerned in such cases	116
	(d) Particulars of any cases in which dwellinghouses have again become overcrowded after the Local Authority have taken steps for the abatement of the overcrowding... ..	-

SUMMARY OF VITAL STATISTICS.
1940.

	Total	M	F	
Live Births				
Legitimate	251	135	116	Birth Rate per 1,000 of the est- imated resident popln. 13.6
Illegitimate	9	7	2	
Still Births	13	4	9	Rate per 1,000 total (live and still) births 51.8
Deaths	317	167	150	Death rate per 1,000 of the estimated resident pop- ulation 16.6. Corrected death-rate (comp. factor 1.08) 17.68

Number of women dying in, or in consequence of childbirth
from sepsis... .. 1
from other causes... .. 1
Death-rate per 1,000 total (live and still) births 7.32.

General Provision of Health Services.

Professional Nursing in the Home (a) General is undertaken by the Bacup Nursing Association, 2 Nurses; (b) Infectious diseases, e.g. Measles, Whooping cough, Puerperal Pyrexia, Pneumonia, Typhoid Fever, and Ophthalmia Neonatorum by the same Nurses.

The Bacup Nursing Association has no connection with the Local Authority.

Under the Midwives Act, there are two midwives in practice, namely: Nurses Barcroft and Graham.

Clinics and Treatment Centres. Maternity & Child Welfare Centre and its work is to be found in the Infant Mortality Section. School Clinics are under the Education Committee. Tuberculosis Clinic is under the Lancashire County Council Tuberculosis Committee

Hospital Arrangements.

1214 cases received treatment in the following Hospitals under recommends from the Bacup Borough Hospital Fund:-

	In Patients.	Out-Patients	Total
Rochdale Infirmary... ..	76	236	312
Manchester Royal Infirmary... ..	105	102	207
Bury Infirmary... ..	160	86	246
St. Mary's Hospital, Manchester... ..	41	38	79
Manchester Royal Eye Hospital	7	46	53
Manchester & Salford Skin Hosp:.. ..	5	33	38
Royal Manchester Children's Hosp:	26	28	54
Manchester Vic: Mem: Jewish Hosp:	5	4	9
Burnley Victoria Hospital	12	14	26
Christie Hosp: & Holt Rad: Inst:.. ..	8	4	12
Manchester Ear Hospital	2	3	5
St. Joseph's Hospital	3	-	3
Ancoats Hospital, Manchester.	1	3	4
Harrogate R.B. Hospital.. ..	2	-	2
Salford Royal Hospital	3	1	4
Blackburn Royal Infirmary	2	-	2
Manchester Northern Hospital.	4	3	7
Royal Halifax Infirmary	4	-	4
Other Hospitals	8	1	9
Greenfield Massage Centre	(Massage Radio)	56 82	138
	474	740	1214.

FOOD & DRUGS ACT, 1938.

The following samples were taken and submitted to the Borough Public Analyst:-

Article	No. of samples		Genuine.	Not Genuine.	Remarks.
	Taken.				
Milk (By Mr. Healey)	18	...	18	-	-
Jam	1	...	1	-	-
Epsom Salts... ..	1	...	1	-	-
Chocolate Liguers.	1	...	1	-	-
Iodine	2	...	2	-	-
Chest & Lung Mixture	1	...	1	-	-
Pepper	2	...	2	-	-
Ground Ginger. ...	1	...	1	-	-
Cheese	1	...	1	-	-
Cinnamon	1	...	1	-	-
Margarine.	1	...	1	-	-
China Tea.	1	...	1	-	-
Smoked bacon	1	...	1	-	-
Honey	1	...	1	-	-
Peas	1	...	1	-	-
Coffee... ..	1	...	1	-	-
Sugar	1	...	1	-	-
Potted Meat... ..	1	...	1	-	-
Malted milk... ..	1	...	1	-	-
Bacon... ..	1	...	1	-	-
Pork sausages. ...	1	...	1	-	-
Brawn	1	...	1	-	-
Baking Powder. ...	1	...	1	-	-
Totals ..42		...	42	-	-

Infectious Diseases.

Diphtheria. During the year there were 14 cases and one death. 15 cases treated in hospital. The number of cases in 1939 was 25.

Erysipelas. 14 cases. 12 cases in 1939.

Scarlet fever. 6 cases. No deaths. 14 cases in 1939.

Puerperal Pyrexia. 1 case. No deaths. One case in 1939.

Whooping cough. 51 cases. no deaths.

Pneumonia. 37 cases compared with 5 in 1939. 15 deaths compared with 9 in 1939.

Smallpox. There were no cases notified during the year.

Ophthalmia Neonatorum.

Notified	Cases		Vision Un Impaired	Vision Impaired	Total Blindness	Deaths
	at Home	in Hospital				
1	yes	-	yes	-	-	-

Tuberculosis.

There were 15 Pulmonary cases and 5 deaths. Non-Pulmonary cases were 9 and one death. Pulmonary deaths per 1,000 were 0.81 compared with 0.81 for 1939. Non-pulmonary deaths per 1,000 were none, compared with none for 1939.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Years								
0-1	-	-	-	-	-	-	-	-
1-5	-	-	-	-	-	-	-	-
5-10	-	-	-	2	-	-	-	-
10-15	-	-	-	2	-	-	-	-
15-20	2	1	2	-	-	-	-	-
20-25	-	3	-	1	-	1	-	-
25-35	-	1	-	1	-	3	1	-
35-45	3	1	-	-	-	-	-	-
45-55	3	-	-	-	-	1	-	-
55-65	-	-	1	-	-	-	-	-
65 & upwards	1	-	-	-	-	-	-	-
Totals	9	6	3	6	5	5	1	-
	15		9		5		1	
1939 Totals	6	5	6	10	12	9	-	-
	11		16		21		-	
1938 Totals	15	8	8	14	4	6	-	-
	23		22		10		-	
1937 Totals	8	12	7	14	9	7	-	1
	20		21		16		1	

The following is a list of occupations, if any, followed by patients notified during 1940:-

	Pulmonary.	Non Pulmonary.
School children	-	5
Slipper operatives.	5	-
Clerks... ..	1	1
Housewives... ..	1	1
Infants... ..	-	1
Labourers. .. .	1	-
Pedlers... ..	1	-
Stoneworker.. ..	1	-
Cotton Operatives	3	-
Felt workers	1	-
Soldier	1	-
Steward .. .	1	1

General.

There is a disinfecting and cleansing Station where verminous persons and their belongings can be treated, also cases of scabies in school children may have baths. There is also a bath at the school clinic.

40 Diphtheria swabs were examined and 1 test for enteric fever were carried out at York Place, Manchester. Arrangements have been made for examinations if required of swabs from cases of Puerperal pyrexia.

Maternity & Child Welfare.

135 women made 169 attendances at the Ante-Natal Clinic, thus taxing our accommodation to the uttermost, but the patients appeared to appreciate the services rendered very much indeed, which is a most satisfactory and encouraging feature.

Dr. Newton is available through any of the local practitioners for cases of abnormal confinement.

The Infantile Mortality Rate for the year was 50 deaths per 1,000 live births, against 49 for 1939. The births were 260 against 242 for 1939. There were 13 still-births for 1940 against 13 for 1939.

There were 13 deaths of infants under 1 year of age compared with 12 for 1939.

The Milk (Mother & Children) Order, 1919, has been carried out according to the Ministry of Health Scale.

Measles, Whooping Cough, Epidemic Diarrhoea, and Pemphigus Neonatorum are visited by the Health Visitor.

82 Mothers were confined at Moorlands Maternity Home against 102 for 1939. 31 mothers confined in other hospitals or nursing homes outside the district. 18 St. Mary's Hospital; 7 Bury Hospital; 5 Birch Hill; 1, Brierfield. Total 113.

Dr. A. Callum, of Burnley is the Consultant for Puerperal Pyrexia cases, and is available through the Medical Officer of Health.

Maternal deaths are investigated by Dr. Hall the County Medical Officer of Health.

Visits paid by the Health Visitor during the year 1940:-

To Expectant Mothers	70
To infants under 1 year (first visits)	258
" " " (total visits)	735
To children 1-5 years total visits ..	784
Visits re still-births	9
Ophthalmia Neonatorum cases visited..	1
Puerperal pyrexia cases visited... ..	-
Whooping cough cases visited	12
Measles cases visited	10
Pemphigus Neonatorum cases visited... ..	2

The Maternity Centre was open 49 times when Mothers and Guardians made 1645 attendances and children 4912.

Death Rate from Puerperal Causes.

	Deaths	Death rate per 1,000 total (live and stillbirths).
Puerperal Sepsis	one	3.66
Other Causes	one	3.66
England & Wales, 2.16.		

Orthopaedic Clinic Held at Rawtenstall.

The following Table shows the number of Bacup children, of school age who attended the Orthopaedic Clinic for treatment during the year ended 31st. December, 1940.

Sex.	Age Years.	Diagnosis	Attendances		School.
			Surgeon's Clinic	Ordinary Clinic	
M	12	Crushed Foot	5	11	Blackthorn
F	14	Inf.Paralysis	2	1	Discharged
F	8	Inf.Paralysis	2	-	St.Jos: Sharneyford
F	11	Inf. Paralysis	1	1	St.Mary's.
M	8	Inf.Paralysis	3	6	Thorn Jun:
M	12	Birth Palsy	1	-	Blackthorn
M	11	Prominent Met:	1	1	Western.
M	10	Inf. Hemptegia	1	-	St.Joseph's
M	10	Inf. Faralysis	1	-	-
M	7	Old Fracture R.Tibia	1	-	Thorn Infs:
F	12	Injury to Knee	1	1	St. Mary's.
M	13	Exostosis L. Tibia	1	-	"
M	3	C.T.E.Varus	1	1	"
M	4	Injury to Tendon	1	-	Thorn Infts:
M	3	T.E.Varus	2	-	St.Joseph's.
M	9	Inf: Monoplegia	2	-	Discharged
					Blackthorn.
F	16	Slipped Epiphysis	2	3	
M	8	Inf.Emiplegia	1	-	Western.
M	6	Cong.Amp.R.Arm	1	-	Mount Infts:
M	12	Old Frac. Elbow	3	-	St. Mary's.
F	5	Valgus Gt.Toe	1	-	"
F	13	Lesion Ext.Cartilage	1	-	"
F	9	Spina Bifida	1	-	St.Saviour's.
F	14	Injury to Nerve	1	-	

The following children were admitted to Biddulph for treatment during the year:- Edna Raby, Geraldine Johnson, Stanley Garrard and Pauline Lee.

List of Bacup Children under school age who attended the Clinic during the year 1940:-
Maternity & Child Welfare Return.

Sex	Age	Diagnosis	Attendances	
			Surgeon's Clinic	Ordinary Clinic
F	1½	E.T.E.Varus	2	10
F	4	Con.Multiple Deform:	3	1
F	1½	C.T.G.Varus	10	28
M	4½	Genu. Valgum	1	1
M	2½	Birth Palsy	1	1
M	2	C.T.E.Valgus	1	1
M	2	Con.Valgus Feet	6	9
M	3	Genu Valgum	2	1
M	4	Genu Valgum	2	1
F	2	Genu Valgum	1	1
M	1	Valgus Ankles	2	1
F	4	Flat feet	1	1
M	4 months	Con.Elevation little toe	1	1

Total 33 57.

One of the above cases received treatment at Biddulph Orthopaedic Clinic during the year.

FACTORIES & OTHER PREMISES.

1. Inspection of Factories and Other Premises.

Premises.	Number of		
	Inspections.	Written Notices	Occupiers Prosecuted.
Factories (with Mechanical Power)	6	6	-
Factories without Mech: Power	18	14	-
Other Premises... .. (Other than Outworkers premises)	-	-	-
Total	24	20	-

2. Defects Found in Factories and Other Premises.

Particulars	Number of Defects.			Number of Offences in respect of which Prosecutions were taken
	Found.	Remedied	Referred to H.M. Inspr	
Nuisances under the Public Health Acts:-				
Want of Cleanliness..	-	-	-	-
Other Nuisances... ..	1	1	-	-
Sanitary Accommodation:-				
No appropriate Sex Notices affixed	1	1	-	-
Totals	2	2	-	-

List of Acts Promoted by and of those Adopted by the Corporation of Bacup.

- Public Health Acts Amendment Act (Various Sections ... 1890.
- Local Government Boards Provisional Orders Confirmation (No.7 Act) 1890.
- do. do. do. (No 10 Act)... .. 1890.
- Bacup Corporation Water Act 1894.
- L.G.B's Provisional Orders Confirmation Act (No.19 Act) 1897.
- Bacup Corporation Water Act 1898.
- Do. do. 1906.
- Public Health Acts Amendment Act 1907.
- Sections 18,21,28,31,& 33 of Pt.2. Section 35 Pt.4.
- L.G.B's Provisional Orders Confirmation Act (No.4) Act 1912.
- L.G.B's Provisional Orders Confirmation Act (No.16) Act 1913.
- Do. do. (No.3) Act 1919.
- Public Health Act... .. 1925.
- Part 2. Sections 13 to 35 (except 20)

INFECTIOUS DISEASES.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in hospital during the year 1940.

Disease.	Total Cases	Cases Notified.													Total Deaths	Total cases removed to Hospital.	
		Years.															
		-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65+				
Smallpox ... -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet fever 6	6	-	1	1	-	-	2	1	-	1	-	-	-	-	-	-	-
Diphtheria.. 14	14	1	-	1	2	1	4	3	-	2	-	-	-	-	1	-	13
Enteric Fever -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Primary Pneumonia	37	2	-	-	2	-	5	-	-	8	7	8	5	15	-	-	-
Acute Influenzal Pneumonia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal fever -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal pyrexia 1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Cerebro-spinal fever ... 2	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Acute Poliomyelitis ... 1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis... -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis Lethargica .. 1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Dysentery ... -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum... 1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas... 14	14	-	-	-	-	-	-	-	1	2	1	9	1	-	-	-	-
Anthrax ... -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria { Contr acted in this country... -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
{ Abroad.- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Any other diseases Notifiable in District e.g:- Measles excluding German Measles 394/18/36/49/51 65 182 14 5 4 - - - 4	394/18/36/49/51 65 182 14 5 4 - - - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough 51 1 2 7 4 9 26 - - - - - - -	51 1 2 7 4 9 26 - - - - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals ... 522 25 40 58 59 75 190 186 20 8 17 6 17 13	522 25 40 58 59 75 190 186 20 8 17 6 17 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

REPORT OF CHIEF SANITARY INSPECTOR
& CLEANSING SUPERINTENDENT.

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Sanitary Inspectors Office,
Rochdale Road,
BACUP,
August, 1941.

To His Worship the Mayor, Aldermen and Burgesses
of the Borough of Bacup.

Mr. Mayor, Ladies and Gentlemen,

I beg to submit my Second Annual Report of the
Work done by the Sanitary Department during the year 1940.

SANITARY INSPECTION OF THE DISTRICT.

Total Number of Inspections	2037
Bakehouses Inspected	47
Complaints investigated.	113
Cowsheds and Dairies Inspected.	56
Drainage Inspections	42
Dwellinghouses Inspected - Housing Acts	31
Dwellinghouses Re-inspected - Housing Acts.	48
Dwellinghouses Inspected- Public Health Acts.	219
Dwellinghouses Re-inspected - Public Health Acts.	390
Dwellinghouses Inspected - Infectious Diseases	28
Factories Inspected	24
Offensive Trades Premises Inspected:-	
Tripe Dressing premises	5
Rag & Bone Dealers	6
Fried Fish Premises.	15
Common Lodging Houses Inspected	22
Milk Samples submitted for Chemical Examination	18
Milk Samples submitted for Bacteriological Examination	39
Water Samples " " " "	2
Inspections under the Rats & Mice Destruction Act, 1919	7
Inspections of Public Sanitary Conveniences	48
Public Cleansing Service (Visits to Tips, Salvage &c.).	202
Butchers shops Inspections	48
Market Stalls Inspections	83
Smoke Production (Ministry of Home Security).	102
Visits to Works in progress	97
National Survey (Scrap Iron & Steel Control).	40
Books disinfected.	64
Rooms and Houses disinfected	41
Beddings destroyed	66 lots
Cloths disinfected for Exportation	45 bales
Miscellaneous Visits	200

Summary of Sanitary Improvements Effected.

Public Health Act, 1936.
Bacup Corporation Act, 1906.

Interior of Houses.

Houses connected to Town's Water supply.	74
New glazed sinks fixed	2
New fire-side ranges fixed	2
New handrails fixed	2
Sash-cords renewed	6
Walls re-plastered	8
Ceilings re-plastered.	9
Dirty Houses cleansed.	1
Chimney flues repaired.	4
Floor boards repaired	2
Sink waste pipes trapped.	4
Damp condition of house walls abated.	3
Cellar floor concreted	1

Exterior of Houses.

Outer doors repaired... ..	2
Pointing repaired	2
Eaves-gutters repaired or renewed.. ..	6
Roofs repaired... ..	2
Rain water downspouts repaired.	4
House walls rebuilt	2

Yards and Outbuildings.

Choked drains and gullies cleansed.....	9
Offensive accumulations removed	1
Yards re-paved	2
Boundary walls re-built... ..	2

Drainage.

Inspections chambers provided... ..	2
House drains re-constructed	2

Water closets.

W.C. and Yard Drains repaired... ..	9
Additional W.C's provided	1
New W.C. pedestals fixed... ..	2
W.C. apartments cleansed... ..	3
W.C. water service pipes repaired or renewed	5
Miscellaneous... ..	6

House Refuse Accommodation.

Dilapidated dustbins Re-newed... ..	231
Ashpits abolished... ..	1
Dustbins provided in lieu of ashpits	5

Pail closets.

Fail closets abolished... ..	-
Pail closets converted to Fresh water closets	3

Waste Water Closets.

Waste water closets converted to Fresh Water Closets... ..	2
--	---

Common Lodging Houses.

Rooms limewashed... ..	12
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MILK SUPPLY.

Milk & Dairies Order, 1926.

On the first of April, 1938 the State Veterinary Service was established under the provisions of the Agricultural Act, 1937 thereby relieving Local Authorities of their responsibilities in relation to the veterinary inspection of dairy cattle in their Districts. Due to hostilities little progress has been made locally in the standard of buildings provided for this purpose. The production of milk in the Borough is no small industry and much time will be demanded of your Officers to keep farms and cowsheds under systematic supervision.

Milk (Special Designations) Order 1936/38.

The following Licences were in operation at the end of the year 1940:-

- (a) Producers Licences.
 - Accredited... .. 1
- (b) Dealers Licences.
 - Pasteurised.. .. 15
- (c) Supplementary Licences.
 - Tuberculin Tested 1

Bacteriological Examination
of Milk.

39 Samples of Ordinary Milk were examined for the Methylene Blue Reduction Test of which 35 passed the Test, but only 18 samples passed the Coliform Test.

Compared with the Accredited Milk Standards it will be observed that 25 or ~~64.61%~~ 53.84% contained bacteria above that standard.

Food & Drugs Act, 1938.

The following Samples of Milk were taken and submitted by me to the Public Analyst for examination:-

18 samples of milk which were all found to be Genuine.

The average composition of Milk produced in the Borough is given below together with the standard laid down by the Board of Agriculture:-

	Total Solids.	Milk Solids not Fat.	Solids not Fat.
Board of Agriculture Standard ...	11.5%	3.0%	8.5%
Average of 18 samples... ..	12.51%	3.66%	8.85%

Public Health(Meat)Regulations, 1924.

All the Butchers shops in our Borough with the exception of one are situated on the main road and with the traffic this make it imperative that the shops windows attached to these premises should be closed to prevent mud, filth or any other contaminated substance being splashed or blown thereon.

Offensive Trades.

Number on Register - Tripe Boilers... 2.
" " - Fat Melters 1.
" " - Rag & Bone dealers... 1

These premises have been regularly inspected and Byelaws adhered to.

Smoke Abatement.

Our fight against soot, ash, grit and gritty particles has as a normal procedure been waived during the year under review and our energy has been diverted to removing other and grimer evils. It is reassuring however to know that specialists are campaigning for the inclusion of smoke abatement in the front rank of Post War Reconstruction and Town Planning Schemes.

Factories Act, 1937.

24 visits have been made under the above Act. 2 Notices were served. 2 Inspections have been made of Outworkers Premises (See Table shewing Defects found in Factories and Other Premises - Page 12).

Rats and Mice Destruction Act, 1919.

Numerous baits have been supplied free for the destruction of Rats and Mice. In many instances visits were made to infested premises and the occupants advised in preventative measures and in methods of destruction.

Infectious Diseases.

28 visits were made to infected houses and enquiries made as to the cause or origin of the disease, leaflets of instructions given to householders with regard to isolation of the infected person and the disinfection of the infected articles &c., connected with the disease. Disinfectants and carbolic oil are provided free.

41 rooms and houses were disinfected. 66 lots of beddings have been destroyed on request during the year. Other articles are disinfected in the houses with formic aldehyde gas or removed to the steam disinfecter for treatment. 64 books from our various libraries were disinfected prior to being put back into circulation.

Disinfestation from Bed Bugs.

Number of Council Houses found to be infested ...	2
Number of other houses found to be infested... ..	3
Number of houses disinfested... ..	5

HOUSING ACT, 1936.

Twenty Cases of Overcrowded families and four families from houses subject to Closing Orders were re-housed in Council Houses.

In all cases beddings were treated by steam disinfestation and household furniture &c., treated by Hydrogen Cyanide fumigation by Contractors.

Unofficial Action.

Thirty-one Intimation Notices were served resulting in the repair of houses not in all respects fit for human habitation.

PUBLIC CLEANSING SERVICE.

The Health Committee are responsible for the Cleansing and Disposal of contents of Ashpits, Privy middens, Dustbins, Cesspools and Pail-closets and for the Cleansing and Maintenance of Public Sanitary Conveniences.

Storage. The following are the types of receptacles in use at the 31st. March, 1941:-

Fixed Ashpits... ..	6
Dustbins... ..	6548
Privy middens... ..	4
Pail closets... ..	159
Waste water closets.	422

Refuse collection service. The collection of domestic and trade refuse is performed by two S & D 7 Cu.Yd. Refuse Collection vehicles. These waggons purchased in 1932 & 1933 continue to give every satisfaction and have proved eminently satisfactory for this class of work locally.

Refuse Disposal. All refuse is disposed of by Controlled Tipping on two tips - one at Change and the Other known as Blackwood Tip, Stacksteads.

During the year 231 dustbins have been sold and delivered by this Department.

SALVAGE OF WASTE MATERIALS.

By a Direction under the Defence (General) Regs. 1939 the Department was made responsible for the Salvage and Collection of Materials set out in the following Schedule:-

Description.	Premises from which to be collected.
<u>Group 1.</u> Paper (including cardboard & articles made therefrom)	All occupied premises.
<u>Group 2.</u> Metals.	Dwellinghouses.
<u>Group 3.</u> Household Bones.	Dwellinghouses.

The following table shews the Tonnage of Materials Salved and the amounts realised respectively during twelve months of intensive Salvage Work:-

	Tons.	Cwts.	Qrs.	lb:	£	:	s	:	d.
Paper	94	6	2	-	350		10		11.
Black Scrap (Iron).	37	9	-	-	88		16		8.
Destructor Scrap.. (Tins &c.)	28	5	-	-	14		2		6.
Aluminium... ..		7	1	-	23		7		9.
Brass... ..		19	-	-	19		6		8.
Lead & Zinc.	1	-	3	-	14		16		-.
Copper... ..		6	-	-	7		14		5.
Textiles (Rags &c.)	3	5	2	-	27		2		2.
Bottles & Jars....	7	12	-	-	21		11		9
Household Bones...	3	2	3	-	9		4		11.
Totals	176.	13.	3.	-.	£576	:	13	:	9.

DETAILS OF CLEANSING COSTS FOR THE YEAR ENDING 31st. MARCH, 1941.

DRY REFUSE & NIGHTSOIL

COLLECTION & DISPOSAL

ACTUAL EXPENDITURE.

Expenditure.

Wages of Drivers... £ 428 : s 0 : d 9
 Wages of Scavengers... £ 993 : s 2 : d 0
 1421 2 9

Motors - Repairs... £ 134 : s 0 : d 3
 Insurances... £ 9 : s 18 : d 0
 Licences... £ 70 : s 10 : d 1
 Spirit, Oil & Rent of Garage... £ 226 : s 11 : d 11
 £ 50 : s 0 : d 0
 491 0 3

Team Labour... £ 3 : s 1 : d 0
 Rent and Maintenance of Tips... £ 362 : s 8 : d 11
 Nightsoil shoots... £ 7 : s 19 : d 2
 Pails and Repairs... £ 60 : s 8 : d 0
 Salvage... £ 15 : s 15 : d 3
 Miscellaneous... £ 391 : s 19 : d 3
 Gross Expenditure... £ 841 : s 11 : d 7
 £ 2753

Income.

Removal of Trade Refuse... £ 122 : s 18 : d 8
 Tipping Dues and Cleansing Shelters &c... £ 18 : s 14 : d 9
 Sale of Dustbins... £ 15 : s 16 : d 4
 Sale of Salvage... £ 576 : s 13 : d 9

Net Expenditure... £ 734 : s 3 : d 6
 £ 2019

DETAILS OF CLEANSING COSTS FOR YEAR ENDING 31st. MARCH, 1941.

PARTICULARS	REFUSE COLLECTION		REFUSE DISPOSAL		TOTAL	
	Depreciation or Loan Charges.		Depreciation or Loan Charges.		Depreciation or Loan Charges.	
	Included	Excluded	Included	Excluded	Included	Excluded.
REVENUE ACCOUNT	£	s. d	£	s. d	£	s. d
A Gross Expenditure...	2391	5 8	2341	5 8	362	8 11
B Gross Income...	730	14 9	730	14 9	3	8 9
C Net Cost ...	1660	10 11	1610	10 11	359	0 2
Less Nightsoil. ...	85	0 0	85	0 0	25	0 0
UNIT COST -						
D Gross Expenditure per ton...	10s. 8.39d	10s. 5.7d	1s. 7.46d.	1s. 6.68d	12s 3.85	12s 0.38
E Gross Income per ton ...	3s. 3.01d	3s. 3.01d	0.84d.	0.84d.	3s 3.85	3s 3.85
F Net Cost per ton... ..	7s. 5.38d	7s. 2.69d	1s. 6.62d	1s. 5.84d	9s.0.00	8s 8.53
G Net Cost per 1,000 population...	87	7 11	84 15 3	18	17 10 18	2 10 106
H Net cost per 1,000 houses or premises from which refuse is collected...	276	15 2	268 8 6	59	16 8 57	9 2 336

1. Total Refuse in tons (Estimated) Collected... 4470
2. Total Refuse disposed of ... 4470
3. Population: Midsummer 1940 ... 19,100
4. Area ... 6,121 acres.
5. Weight (in cwts) per 1,000 population per day ... 12.4 cwts.
6. Number of houses and Premises ... 6,048.
7. Average length of haul... 1 mile.
8. Rateable Value... 233,511.
9. Product of a Penny Rate... £333.
10. Total Rates in the £ ... 15s. 6d.
11. Method of Collection... 100% Motors * 2.
12. Method of Disposal... Controlled tipping * 100%.

1. ...
 2. ...
 3. ...
 4. ...
 5. ...
 6. ...
 7. ...
 8. ...
 9. ...
 10. ...

	Included	Excluded	Included	Excluded	Total
1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.