

[Report 1959] / Medical Officer of Health, Pershore R.D.C.

Contributors

Pershore (England). Rural District Council.

Publication/Creation

1959

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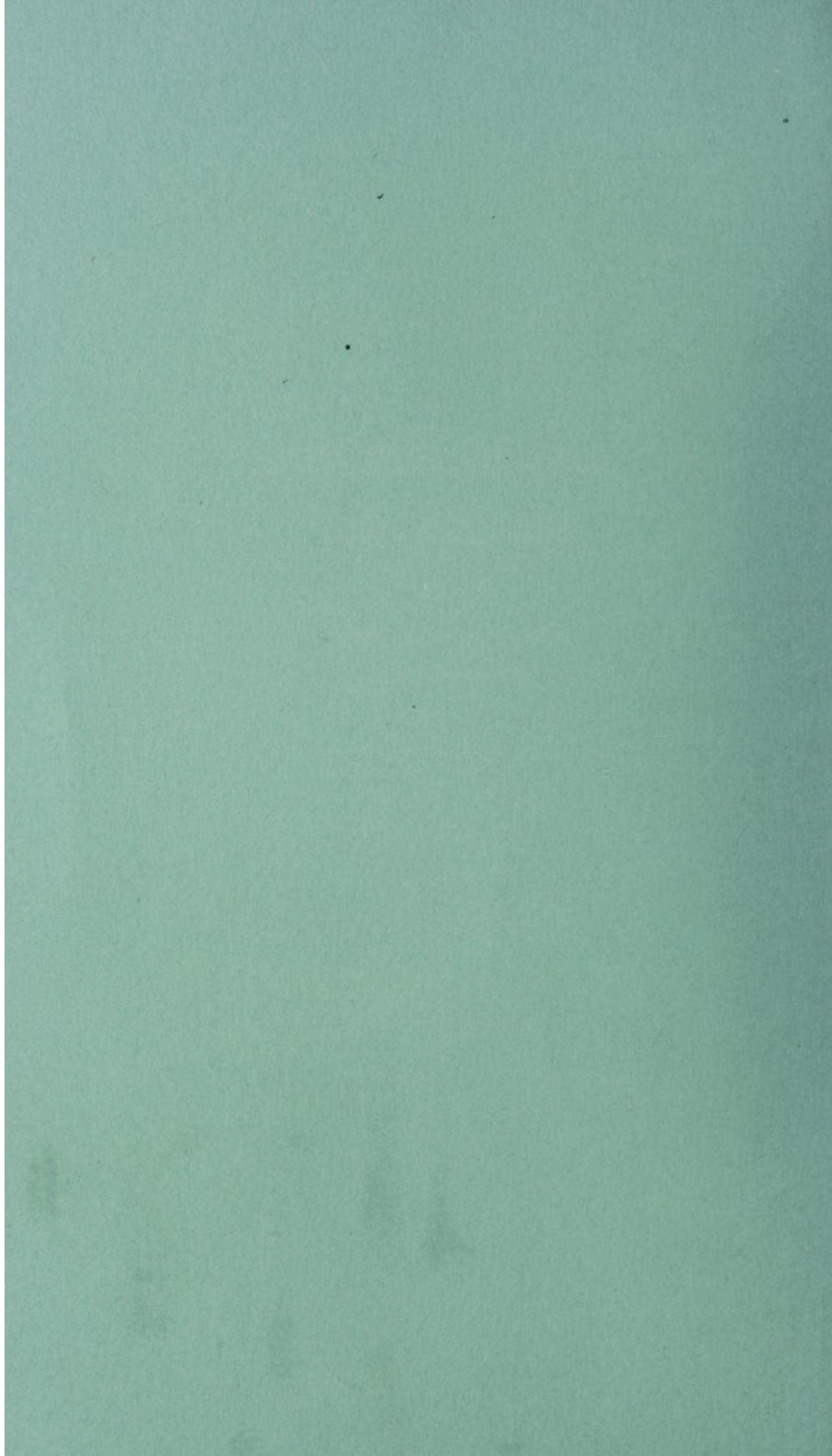
PERSHORE RURAL DISTRICT COUNCIL.

ANNUAL REPORT.

FOR THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1959.



Joint Health Office,
"The Croft"
Station Road,
PERSHORE, Worcs.



PERSHORE RURAL DISTRICT COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR
THE YEAR 1959.

Chairman of the Council ... Col. R.F. Harrison,
Vice-Chairman of the Council ... Mr. T.W. Lewis,
Chairman of the Public
Health Committee ... Col. R.F. Harrison,
Clerk of the Council ... W.G. Trapp.

— : —

MEMBERS OF THE PUBLIC HEALTH & WATER COMMITTEE

Mr. G.A. Brookes,	Mr. J.T. Mason,
Mr. G. Clarke,	Mr. P.H. Maxfield,
Mr. L. Coates,	Mrs. M.A. Meikle,
Mr. D. Guise,	Mrs. J.S. Becke,
Mrs. R.A. Higgins,	Mr. P.C. Paton,
Mr. J.S. Irwin,	Mrs. C.W. Potter,
Mr. M.K. Kelman,	Mr. F.W. Ring,
Dr. F.H. Kennedy,	Mr. J.S. Smith,
	Mr. F. Walters.

...

STAFF OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health ...	Dr. E.T. Shennan, M.B., CH.B., D.P.H.
Chief Public Health Inspector ..	J.W. Holmes, M.R.S.H., A.M.I.B.E., A.I.Hyg.
Additional Public Health Inspector ...	R.G. Warren.

ANNUAL REPORT FOR THE YEAR 1959.

TO THE CHAIRMAN, AND MEMBERS OF THE PERSHORE
RURAL DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the state of the Public Health in the Rural District of Pershore for the year 1959, and the work carried out by your Health Department.

I wish to thank members of the Council and their Staff for their help and consideration during the year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient, Servant,

E.T. SHENNAN, M.B.,CH.B.,D.P.H.,

Medical Officer of Health.

"The Croft",
Station Road,
Pershore.

Tel.No.Pershore 133.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in Acres. 57,901.

Registrar General's estimate
of resident population.(Census, 1951 - 16,355)

Mid 1959 - 16850
Mid 1958 - 16860

Number of inhabited houses.

End of 1959 - 5514
" " 1958 5482

Rateable value, 1st April, 1959 - £193,582
Sum represented by a penny rate - £783

Population and Acreage by Parishes.

<u>Parishes.</u>	<u>Acreage</u>	<u>Population</u> <u>1951 Census.</u>	<u>Estimated</u> <u>1959</u>
Abberton	999	72	74
Besford	1383	393	393
Birlingham	1272	318	322
Bishampton	1910	309	316
Bredicot	399	36	36
Bredon	3187	1028	1039
Bredon's Norton	1016	159	172
Bricklehampton	914	186	196
Broughton Hackett	386	146	150
Charlton	1619	464	462
Churchill	670	30	29
Comberton, Great	965	232	236
Comberton, Little	790	225	230
Cropthorne	1518	416	420
Defford	1691	466	466
Dormston	820	66	70
Drakes Broughton & Wadborough	3361	497	497
Eckington	2165	683	686
Elmley Castle	2062	310	322
Fladbury	1573	589	592
Flyford Flavel	692	116	126
Grafton Flyford	1680	202	202
Hill & Moor	1368	445	450
Pershore	2778	3597	3905
Kington	1071	111	116
Naunton Beauchamp	1030	99	99
Netherton	737	55	55
North Piddle	797	110	114
Norton-juxta-Kempsey	1844	733	735
Peopleton	1539	249	254
Pinvin	1073	604	610
Pirton	1600	168	168
St.Peter/Great, Worcester	441	95	98
Spetchley	780	82	107
Stoulton	1959	404	410
Strensham	1970	152	154
Throckmorton	1522	976	993
Upton Snodsbury	1691	314	320
White Ladies Aston	1236	240	242
Whittington	1052	360	364
Wick	1682	311	312
Wyre Piddle	381	308	308
TOTAL	57081	16355	16850

Industries of Area:-

The main industry of the area is agriculture, Carbon, Canning and Engineering.
Other small industrial units are also situated in the District.

VITAL STATISTICS.

(1958 figures in brackets)

POPULATION :- 16850 - 1959 (16860 - 1958)

LIVE BIRTHS :-

	M.	F.	Total.
Legitimate	135 (139)	136 (113)	271 (252)
Illegitimate	3 (7)	5 (3)	8 (10)
	138 (146)	141 (116)	279 (262)

BIRTH RATE :- (Births per 1,000 Population)

	1959	1958	1957	1956	1958 - Eng/Wales.
Crude	16.5	15.5	17.7	18.4	16.5 (16.4)
Comparability Factor.	1.05	1.05	1.05	1.05	
Standardised.	17.3	16.3	18.6	19.3	16.5 (16.4)

Illegitimacy Rate :- (Total live illegitimate births per 1,000 total live births.)

	1959	1958	1957	1956
	28.6	38.1	58.2	30.6

STILL BIRTHS :-

	M.	F.	Total
Legitimate	2 (3)	1 (2)	3 (5)
Illegitimate	- -	- -	- -
	2 (3)	1 (2)	3 (5)

Still Birth Rate :- (Still births per 1,000 total live & still births.)

	1959	1958	1957	1958 (Eng/Wales)
	16.5	18.7	13.5	20.7 (21.6)

DEATHS :-

	M.	F.	Total
	84 (80)	72 (73)	156 (153)

Death Rate :- (deaths per 1,000 population)

	1959	1958	1957	1959 Eng/Wales.
Crude	9.26	9.07	11.7	11.6 (11.7)
Comparability Factor.	0.93	1.00	1.02	11.6 (11.7)
Standardised	8.61	9.07	11.9	11.6 (11.7)

G.R.O. CIRCULAR (M.O.H.) NO.2/1958 (para.3) stated that :-

"From January 1st 1958, a death in a chronic Sick or Mental Hospital will be assigned to the area of occurrence only if the deceased has been there for six months or more. If the deceased has been there less than six months, the death will be transferred to the area of usual residence, if any. The modifications described in G.R.O. Circular (M.O.H.) No.2/1954 are superseded and all hospitals for the chronic sick will be treated alike for transfer purposes."

"Avonside General Hospital in the Borough of Evesham has a large chronic sick unit. This unit takes in a considerable number of Chronic Sick patients from outside the Borough. Deaths among these patients resident six months or more in the Hospital were assigned to the Borough for statistical purposes, thus increasing the total number of deaths occurring in the Borough with a corresponding increase in the death rate.

"A number of Chronic Sick patients from the Pershore Rural District are admitted to Avonside General Hospital, Evesham. The deaths of those resident for longer than 6 months were assigned to the Evesham Borough. The lowered death rate of Pershore Rural District which is three per 1,000 less than the rate for England & Wales for 1959, may, in part be attributed to this factor.

Major Causes of Death :-

	1959	1958	1957
1) Diseases of Circulatory System	56.4%	51.6%	55.4%
2) Malignant Disease (all forms)	17.3%	17.5%	13.5%
3) Respiratory Disease(excluding T.B.)	8.5%	6.2%	11.4%
4) Influenza	4.5%	1.3%	1.0%
5) Motor Vehicle Accidents	4.5%	1.3%	1.5%
6) All Other Accidents	1.9% ^{6.4%}	2.6% ^{5.9%}	2.1% ^{3.6%}
7) Tuberculosis (all forms)	0.6%	Nil	0.5%

MATERNAL DEATHS:

(Maternal deaths per 1,000 total Live and Still Births)

Maternal Mortality -	1959	1958	1957	1959 Eng/Wales.
	Nil	Nil	Nil	0.38 (0.43)

Infant Neonatal & Perinatal Deaths:

(Infant deaths under 1 year of age)

	M.	F.	Total
Legitimate	3 (1)	1 (-)	4 (1)
Illegitimate	- (-)	- (-)	- (-)
	3 (1)	1 (-)	4 (1)

Neonatal Deaths:

(under 4 weeks of age)

Legitimate	3 (1)	1 (-)	4 (1)
Illegitimate	- (-)	- (-)	- (-)
	3 (1)	1 (-)	4 (1)

Infant Deaths:

(under 1 week)

Legitimate	2	1	3
Illegitimate	-	-	-
	2	1	3

Perinatal Deaths:

(still births and deaths of infants under 1 week)

Legitimate	4 (4)	2 (2)	6 (6)
Illegitimate	- (-)	- (-)	- (-)
	4 (4)	2 (2)	6 (6)

INFANT, NEONATAL & PERINATAL MORTALITY RATES:

(per 1,000 legitimate live births)

	1959	1958	1957.	Eng/Wales.
Deaths of legitimate infants.	14.7	3.3	18.2	
Deaths of illegitimate infants.	nil	nil	nil	
Infant Mortality rate (under 1 yr)	14.3	3.2	17.4	22.2 (22.6)
Neonatal Mortality rate(" 4 wks)	14.3	3.2	10.8	15.8 (16.2)
Perinatal Mortality rate(still births) and deaths of infants under 1 week per 1,000 live & still births)	21.3	-	-	34.2 (35.1)

CAUSES OF INFANTS DEATHS:

Congenital Malformation	1 (PN)	1(PN)	1
Prematurity	1 (PN)	-	3 (neonatal)
Broncho-pneumonia	1(neonatal)	-	1
Inhalation Pneumonia	1 (PN)	-	-

CAUSES OF DEATHS IN THE PERSHORE RURAL DISTRICT - 1959

Cause of death.	M	F.	Total	Mortality rate per 1,000 Population.
1. Tuberculosis, respiratory	1	-	1(0)	0.05
2. Tuberculosis, other	-	-	-	
3. Syphilitic disease	-	-	-	
4. Diphtheria	-	-	-	
5. Whooping Cough	-	-	-	
6. Meningococcal infections	-	-	-	
7. Acute Poliomyelitis	-	-	-	
8. Measles.	-	-	-	
9. Other infective & parasitic diseases	-	-	-	
10. Malignant neoplasm, stomach	2	2	4(4)	0.20
11. Malignant neoplasm, lung, bronchus	3	1	4(3)	0.20
12. Malignant neoplasm, breast	-	1	1(4)	0.05
13. Malignant neoplasm, uterus	-	1	1(1)	0.05
14. other malignant & lymphatic neoplasms	8	9	17(14)	0.89
15. Leukaemia, Aleukaemia	-	-	- (2)	-
16. Diabetes	-	1	1(-)	0.05
17. Vascular lesions of nervous system	11	14	25(20)	1.30
18. Coronary disease, angina	15	5	20(14)	1.03
19. Hypertension with heart disease	3	1	4(5)	0.20
20. other heart disease	10	18	28(46)	1.47
21. other circulatory disease	5	2	7(4)	0.35
22. Influenza	3	4	7(2)	0.35
23. Bronchitis	6	-	6(6)	0.31
24. Pneumonia	6	1	7(5)	0.35
25. other diseases of respiratory system	-	-	- (1)	
26. Ulcer of Stomach and duodenum	1	1	2(1)	0.10
27. Gastritis, enteritis and diarrhoea	-	-	- (1)	
28. Nephritis and neophrisis	-	-	- (2)	
29. Hyperplasia of prostate	-	-	- (1)	
30. Pregnancy, childbirth, abortion	-	-	- (-)	
31. Congenital malformation	-	-	- (1)	
32. other defined and illdefined disease	4	6	10(9)	0.52
33. Motor vehicle accidents	4	3	7(2)	0.35
34. All other accidents	1	2	3(4)	0.15
35. Suicide	-	-	1(1)	0.05
36. Homicide and operations of war.	-	-	- (-)	
TOTALS.	84	72	156(153)	8.05

DEATHS BY AGE GROUPS:

Age Group	M.	F.	Total.
Under 1 year	3	1	4
1 - 14 year	-	-	-
15 - 24 years	-	3	3
25 - 64 years	21	22	43
65 years +	60	46	106
Totals	84	72	156

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES.

a) Clinic and Treatment Services

<u>Clinic.</u>	<u>Situation.</u>	<u>Time of Holding</u>
Bishampton C.W.C.	Village Hall Bishampton.	4th Tuesday 2.30 p.m.
Bredon C.W.C.	Village Hall, Bredon.	4th Friday 2.30 p.m.
Eckington C.W.C.	Village Hall. Eckington.	2nd Friday 2.30 p.m.
Fladbury C.W.C.	Parish Hall Fladbury	1st & 3rd Thursdays 2.30 p.m.
Stoulton C.W.C.	Village Hall, Drakes Broughton.	2nd & 4th Tuesdays 2.15 p.m.
Pershore C.W.C.	W.I. Hall, Priest Lane, Pershore.	1st & 3rd Wednesday 2. p.m.

b), c) Health Visiting; Midwifery; Home Nursing.

The County Council provided nurse/midwives who attended general nursing and midwifery cases in the home. These nurses also acted as Health Visitors in their districts. Parishes were served by nurses as follows :-

<u>Parish</u>	<u>Nurse stationed at</u>	<u>Parish</u>	<u>Nurse stationed at</u>
Bricklehampton,)		Defford)	
Elmley Castle,)	Little Comberton.	Besford)	Earls Croome.
Netherton,)	Tel.No. Elmley	Pirton)	Upton/Severn 138
Little Comberton,)	Castle 221	Broughton Hackett)	
Great Comberton.)		Upton Snodsbury)	Grafton Flyford.
		Kington)	
St. Peter the)		Dormston)	Himbleton 238.
Great County.)		Grafton Flyford)	
Norton-juxta-)	Kempsey.		
Kempsey.)	Tel.No.Kempsey 404	Abberton)	
White Ladies)		Bishampton)	
Aston)		Flyford Flavel)	
Spetchley)	Stoulton.	Naunton Beauchamp)	Bishampton
Bredicot)	Tel.No.	North Piddle)	Tel.No.Bish. 208
Churchill)	Peopleton 226.	Peopleton)	
Drakes Broughton)		Bredon)	
Wadborough)		Bredon's Norton)	Eckington
Stoulton)	Stoulton	Eckington)	Tel.No.Eckington 250.
Whittington)			
Pershore)		Charlton)	
Birlingham)	Pershore.	Crothorne)	
Pinvin)	Pershore. 2164	Fladbury)	Fladbury
Strensham)		Hill & Moor)	
Wick)		Throokmorton)	Crothorne 403.
		Wyre Piddle)	

d) School Health Services :- Provided by the County Council.

e) Laboratory Facilities:- The County Council provided a laboratory for the chemical and bacteriological analysis of water, milk and other foods.

The Public Health Laboratory Service provided at The Royal Infirmary, Worcester, facilities for the bacteriological examination of specimens in connection with the diagnosis and prevention of spread of infectious disease.

f) Hospital Services :-

Infectious Disease	Newtown Hospital, Worcester. Little Bromwich Fever Hospital, Birmingham. Hayley Green Hospital, Halesowen.
Tuberculosis	Newtown Hospital, Worcester. Knightswick Sanatorium. St. Wulston's Hospital, Malvern.
Maternity	Avonside Hospital, Evesham. Ronkswood Hospital, Worcester.
Children's Diseases	Worcester Royal Infirmary.
Venereal Disease	Worcester Royal Infirmary.
General	Pershore Cottage Hospital. Worcester Royal Infirmary. Tewkesbury Hospital. Cheltenham General Hospital.
Aged Sick.	Avonside Hospital, Evesham.

g) Diphtheria Immunisation and Smallpox Vaccination Service:-

This was provided by the County Council. Locally it was administered by the Pershore Rural District Council.

h) Poliomyelitis Vaccination:- The County Council continued to provide Poliomyelitis vaccination.

i) Ambulance Service:- This was provided by the County Council. One ambulance was stationed in Pershore.

j) Home and Domestic Help Service:-

This was conducted through the agency of the W.V.S. for the County Council, producing a very valuable and efficient service.

Unfortunately Mrs.A.H.Jackson, found it necessary during the year to give up the local administration of this. She is to be gratefully thanked for her enthusiasm and efficiency in this service.

From April 1959 the administration was carried on by Mrs.H.P.Russell, The Forge, Wick, who reported as follows:-

For the year ending 31st December 1959:-

Full time Home Helps - None
Part-time Home Helps - 7 (including 3 mobile)
Occasional Home Helps - 14.

Patients Visited during 1959 :-

Maternity Cases	-	20
Tuberculosis Cases	-	3
Chronic Cases	-	26 (including 6 households with 2 patients.)
Other Cases	-	11 (including 1 household with 2 patients)
1 Problem Family		
<u>Total Patients 1959</u>		<u>68</u>

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

1. Sanitary Inspection of the Area:- A Summary of Sanitary Inspections is given in the statistics at the end of the Report.
2. Water Supply:- A total of 4795 houses with a population of 14543 is supplied from the public mains.
Mains water from the Cheltenham, Worcester, and Coventry Corporations augment the local main supply.
There is no evidence of plumbosolvency in the District.

ANALYSIS

PUBLIC WATER SUPPLIES

Bacteriological Examination	39	Satisfactory	33	} Including Independent Parish Spring Supplies
		Unsatisfactory	6	
Chemical Examination	6	Satisfactory	6	}
		Unsatisfactory	-	

ANALYSIS - Well Water - PRIVATE SUPPLIES.

Number of samples submitted for analysis:-		25.
Bacteriological Examination -	Satisfactory	7.
	Unsatisfactory	11.
Chemical	..	Satisfactory 2.
		Unsatisfactory 5.

DRAINAGE AND SEWERAGE:

The following are the Sewage Disposal Works situated in the District :-

Bredon.	..	Combined system, with primary settlement and effluent disposed by land irrigation.
Drakes Broughton..		Gravity Works with settlement and filtration.
Pershore (3)		<u>Nogains & R.R.E. Defford Road, Sewage Works pumping settlement and filtration.</u> <u>Station Road, Surface aeration system.</u>
Crophorne	..	Sewage Works with pumping, settlement and filtration.
Eckington	..	Partially separate system, with pumping, settlement and filtration.
Defford	..	Gravity works with settlement and filtration.
Littleworth	..	Sewage works with pumping, settlement and filtration.
Sneashill	..	Gravity works with settlement and filtration.
Broughton Hackett		Gravity system with settlement and filtration.
Upton Snodsbury...		Sewage works with pumping settlement and filtration.
Kington	..	Sewage works with pumping, settlement, and filtration.
Whittington	..	Gravity works with settlement and filtration.
Wick	..	Sewage works with pumping, settlement and filtration.

The general position with regard to proposed schemes for sewers and sewage disposal at the end of the year was as follows:-

PERSHORE SEWERAGE AND SEWAGE DISPOSAL: The Council's Consulting Engineers were proceeding with the preparation of details for this scheme for submission to the Ministry of Housing and Local Government, in anticipation of approval being given for tenders and work on the scheme proceeding in 1960.

WATER ANALYSIS.

SOURCE OF SUPPLY	OVERHURRY	ERDON	LITTLEWORTH	COVENTRY	TEWKESBURY / OVERHURRY MIXTURE.	WOCESTER CITY
<u>Physical Characters.</u>						
Odour	None	None	None	Chlorine	None	None
Deposit	Slight	Nil	White	Nil	Brown	Slight
pH.	7.9	8.2	7.8	8.2	7.8	7.7
<u>Chemical Examination.</u>						
+ Solids in Suspension (Dried at 100° C.)	-	-	Trace	Nil	Trace	Nil
+ Solids in Solution (Dried at 180° C.)	250	270	500	330	250	260
+ Solids in Solution after Ignition	225	240	365	290	210	225
+ Chlorine expressed as Chloride	21	19	24	74	34	44
+ Hardness Non-carbonate	50	90	65	60	50	55
+ Hardness Carbonate	130	130	370	90	90	90
+ Hardness Total	180	220	425	150	140	145
+ Ammoniacal Nitrogen	Trace	0.02	0.01	0.01	0.01	0.01
+ Albuminoid Nitrogen	Trace	Trace	Trace	0.09	0.07	0.04
+ Nitrate Nitrogen	4.5	4.9	8.2	3.3	6.2	3.3
+ Nitrite Nitrogen	Nil	Nil	Nil	0.01	Nil	Nil
+ Oxygen absorbed in 4 hrs at 27° C.	0.15	Nil	0.13	1.45	0.92	1.45
+ Toxic Metals	None detected	None detected	None detected	None detected	None detected	None detected
<u>Bacteriological Examination.</u>						
Probable number of coliform bacilli, MacConkey 2 days 37° C per 100 m.l.	Nil	Nil	Nil	Nil	Nil	Nil
Probable number of faecal coli per 100 m.l.	Nil	Nil	Nil	Nil	Nil	Nil
+ Expressed in parts per million.						

PARISH	FROM PUBLIC MAINS.		FROM PRIVATE SUPPLIES.		SOURCE OF PUBLIC SUPPLY.
	No. of dwelling houses.	Population	No. of dwelling houses.	Population.	
1. Abberton	15	63	3	11	Ex Worcester City.
2. Besford	39	363	9	3	Overbury/Tewkesbury.
3. Birlingham	77	252	22	76	Overbury/Tewkesbury.
4. Bishampton	92	304	4	12	Ex Worcester City.
5. Bredicot	8	30	2	6	Ex Worcester City.
6. Bredon	426	955	25	724	Bredon Hill/Overbury/Tewkesbury
7. Bredon's Norton.	44	120	17	52	Overbury/Tewkesbury
8. Bricklehampton	41	136	18	60	Coventry
9. Broughton Hackett	30	120	10	30	Worcester City
10. Charlton	109	372	28	90	Worcester City
11. Churchill	9	24	2	5	Worcester City
12. Comberton, Grest	63	196	12	40	Coventry
13. Comberton, Little	76	216	4	14	Coventry
14. Cropthorne	141	357	23	63	Worcester City
15. Defford	136	412	18	54	Overbury/Tewkesbury
16. Dernston	18	56	4	12	Overbury/Tewkesbury
17. Eckington	143	570	36	108	Coventry
18. Elmley Castle	53	142	61	180	Worcester City
19. Fladbury	151	448	41	144	Worcester City
20. Flyford Flavel	38	126	0	0	Worcester City
21. Grafton Flyford--	48	185	5	17	Worcester City
22. Hill & Moor	132	405	15	45	Worcester City
23. Pershore	1588	3875	11	30	Worcester City
24. Kington	52	98	6	18	Overbury/Tewkesbury/Worcester
25. Naunton Beauchamp	26	91	3	8	Worcester City
26. Netherton	9	45	2	10	Coventry
27. North Fiddle	31	105	3	9	Worcester City
28. Norton-Juxta-Kempsey	121	387	116	348	Worcester City (Forehole Littleworth)
29. Poopleton	95	250	1	4	Worcester City
30. Pinvin	152	590	6	20	Worcester City
31. Firton	3	10	45	150	Worcester City
32. St. Peter the Great, Worcester	8	30	16	68	Worcester City

PARISH	FROM PUBLIC MAINS		FROM PRIVATE SUPPLIES		SOURCE OF PUBLIC SUPPLY
	No. of dwelling houses	Population	No. of dwelling houses.	Population	
33. Spetchley	16	48	18	59	Worcester City
34. Stoulton	118	355	19	55	Worcester City
35. Strensham	31	99	25	65	OVINGDEAN/TENNESBURY
36. Throckmorton	26	963	3	10	Worcester City
37. Upton Snodsbury	89	262	10	58	Worcester City
38. White Ladies Aston	55	160	28	82	Worcester City
39. Whittington	108	334	10	30	Worcester City
40. Wick	63	297	4	15	Coventry
41. Wyre Piddle	109	290	6	18	Worcester City
42. Drakes Broughton/Wedborough	176	512	31	125	
TOTALS	4795	14543	719	2307	

LOWER MOOR SEWERAGE & SEWAGE DISPOSAL: Work commenced on this contract in January 1959 and progress was slow due to adverse site conditions. By the end of the year 70% of the work was completed.

LITTLE COMBERTON SEWERAGE & SEWAGE DISPOSAL: Work was commenced in August 1959, and to date, the sewers have been constructed and the construction of the Sewage Disposal Works is well advanced.

BISHAMPTON SEWERAGE & SEWAGE DISPOSAL: Tenders have been received for the above Scheme and application made to the Minister of Housing and Local Government for approval to the acceptance of a tender amounting to £20,728. 1. 11d.

REFUSE COLLECTION AND DISPOSAL:

Refuse collection and disposal was carried out throughout the district under the direction of the Public Health Department. Fortnightly collections were given throughout the country districts and weekly collections in the Town of Pershore. Three refuse collection vehicles were in use during the year.

Contracts for refuse collection were also undertaken with the Norton Barracks and R.R.E., Pershore.

Paper continued to be salvaged during the year, the revenue amounting to £660. compared with £812. during 1958. Scrap metal and other materials were also recovered.

There is a pressing need for a further tipping area on which controlled tipping can be undertaken.

SUMMARY OF SANITARY INSPECTIONS DURING THE YEAR (OTHER THAN HOUSING)

Number of premises visited	600 (approx)
Defects or nuisance found	12
Defects or nuisance abated	12
Number of Informal Notices served	12
Number of Statutory Notices served	-
New Drainage to Sewers	70
New drainage to Septic Tanks	58
Drains repaired	-
Obstructed drains cleared	30 (approx)
Drains tested	128
Number of insanitary lavatories, sinks and urinals dealt with	-
Number of shops visited	-
Cases under Shpps Act, 1934 (informal)	-
Number of Factories inspected.	23

SECTION D.

H O U S I N G - 1959.

Housing Position at end of 1959.

	<u>1959</u>	<u>1958</u>
Estimated population	16850	16860
+ Units of Accommodation	5514	5482
Number of Dwellings built by Council	12	240
Total number of Council Houses built post-war	1050	1038
Estimated number of Caravan dwellings	40	40
Estimated number of Council Houses Applicants	377	
+ Number of persons per unit of accommodation	3.0	3.0

The numbers of applicants for Council Houses have been considerably reduced, the figure of 377 including a large percentage who are already tenants of houses but wish to have a Council House in order to obtain better amenities, or to leave tied houses.

During the year 11 Slum Clearance cases were rehoused, making a total of 133 since the Slum Clearance Programme was started. The Council are pressing on with Slum Clearance and hope to complete the same within a reasonable time.

HOUSING STATISTICS.

Number of new houses erected during the year:

(a) by Local Authority	12
(b) by other Local Authorities	-
(c) by other bodies or persons	60

Inspection of dwelling houses during the year:

(1) Total number of dwelling houses inspected for housing defects (under Public Health/Housing Acts)	53
(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation.	41
(3) Number of dwelling houses (exclusive of those referred to under the proceeding sub-headings) found not to be in all respects reasonably fit for human habitation.	11

Remedy of defects during the year without service of Formal Notices:

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers. 10.

Action under Statutory Powers during the year:

Proceedings under Public Health Acts :-

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied. nil

Proceedings under Section 17 of Housing Act, 1957.

1. Number of houses in respect of which Demolition Orders were made. 39

2. Closing Orders in lieu of Demolition Orders. nil

3. Number of houses demolished in pursuance of Demolition Orders. 40

4. Undertakings not to re-let. 1

Proceedings under Section 18 of the Housing Act, 1957.

1. Number of Closing Orders in respect of parts of buildings. 1

NEW HOUSING.

The Council have built 12 new houses and 60 have been built privately.

Total Post-War Development:

Local Authority Development 1050

Private Development 413

Total Houses owned by Local Authority 1463

Applicants re-housed in Permanent Dwelling:-

<u>Parish</u>	<u>New Dwellings</u>	<u>Re-Lets</u>	<u>Total.</u>
Pershore	-	27 (houses) 3 (flats) 3 (bungalows)	33
Bredon	-	1	1
Broughton Hackett	-	1	1
Defford	-	1	1
Eckington	-	1	1
Elmley Castle	-	1	1
Kington	-	1	1
Peopleton	-	1	1
Spetchley	7	-	7
Upton Snodsbury.	-	1	1
	7	41	48

<u>Exchange of Tenancies:</u>	<u>Re-lets.</u>	<u>Total.</u>
11 Exchanges involving 20 families.	20	20
Transfer of Tenancies.	10	10
Re-Lets - Temporary accommodation.	5	5
	35	35

Number of cases of overcrowding relieved :- 27

Number of Applicants for Housing Accommodation at 31st Dec:1959 :-

Number of applicants with separate accommodation.	213
Number of applicants having accommodation or occupying temporary accommodation..	115
Number of applicants at present living outside the district..	49
Total number of applicants (which includes sixteen engaged couples)	377

HOUSE PURCHASE & HOUSING ACT, 1959.

Discretionary Grants :-

42 applications have been approved during the year. making a total of 240 since the Act came into force.

Standard Grants :-

2 applications have been approved during the year.

Many dwellings have been renovated and improved which undoubtedly would, in due course, have had to be dealt with as Slum Clearance.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Routine inspections of food premises were continued during the year, and every effort was made to ensure the clean and safe handling of food-stuffs.

There are the following food premises in the district :-

Bakers and Confectioners	9
B u t c h e r s.	10
C a f e ' s.	11
Fried Fish Shops.	2
Fish Shops (wet)	2
Greengrocery.	11
G r o c e r s.	41
Licenced Premises	63

Food preparation premises in the district are inspected regularly.

FOOD POISONING :- No cases were notified during the year.

MILK SUPPLY :-

Dairymen registered (other than cowkeepers)	10.
Inspection made during the year.	16.

FOOD & DRUGS ACT, 1955.

Condemnations:-

The following foods have been voluntarily surrendered, inspected and condemned :-

Apricots	1 - 29oz tin.
Asparagus	1 - 1 lb tin.
Bacon	5½ lbs.
Baked Beans	3 - 8oz tins.
Blackberries	751 kilos
Beef	38 lbs.
Butter	16 lbs.
Carrots	1 - 19oz tin.
Chopped Pork	1 - 4 lb tin.
Cooked Ham	1 - 13lb 15oz tin.
" "	¼lb
Corned Beef	3 - 12 oz tins
" "	1 - 6 lb. tin
Cream	2 - 4oz tins
Creamed Rice	1 - 15½ oz tin
Dried Peas	620 lbs.
Evaporated Milk	2 - ¾ pint tins
" "	1 - 2 pint tin
Garden Peas	2 - 19½ oz tins
Herring Roe	1 - 3½ oz tin
Kippers	2 stones
Lard	5 lb
Nescafe'	1 - 1oz tin
Nestle's Milo	1 - 8oz tin
Oatmeal	7 lb
Onions	35 - 54 lb. bags
Peaches	1 - 29oz tin.
Pineapple	2 - 16oz tins
Pork	1 Pigs Head
Pork Tenderlion	4 - 3lb.8oz. tins.
Pork Luncheon Meat	1 - 12oz tin
" " "	1 - 7oz tin
Poultry	2 chickens
Pickled Cabbage	6 - 10 fluid oz jars.
Processed Peas	1 - 10oz tin.
Sardines	1 - 3¾oz tin
Smoked Cod	1 - 14 lb box
Smoked Haddock	3 - 14 lb boxes
Soup	3 - 10oz tins
"	1 - 15½ oz tins.
Tongue	1 - 6lb tin
Tomatoes	1 - 35oz tin
"	2 - 29oz tins
"	3 - 8oz tins

MEAT INSPECTION.

The following animals have been slaughtered and inspected.
Conditions have been satisfactory.

	Cattle Excluding Cows	Cows	Calves	Sheep & Lambs	Pigs	Horses
Number killed (If known)	305	15	15	1885	445	-
Number inspected	305	15	15	1885	445	-
All diseases except Tuberculosis and Cysticercosis	-	-	-	-	-	-
Whole Carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	64	7	-	72	9	-
Percentage of number inspected affected with disease other than Tuberculosis and Cysticercosis	20.9	46.6	-	3.82	1.79	-
Tuberculosis only:						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was con- demned	1	-	-	-	9	-
Percentage of number inspected affected with Tuberculosis	0.32	-	-	-	2.02	-
Cysticercosis						
Carcasses of which some part or organ was condemned	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

Year	1934	1935	1936	1937	1938	1939	Total
Number vaccinated	122	122	122	122	122	122	732
Number inspected	122	122	122	122	122	122	732

SECTION F.

PREVALANCE OF, & CONTROL, OVER INFECTIOUS & OTHER DISEASES.

Notifiable Diseases, 1959:-

	Corrected Notifications	Admitted to Hospital.	Deaths
Smallpox	-	-	-
Diphtheria	-	-	-
Scarlet Fever	11	-	-
Measles	233	-	-
Whooping Cough	-	-	-
Typhoid Fever	-	-	-
Paratyphoid	-	-	-
Dysentery	27	-	-
Cerebro-Spinal Meningitis	-	-	-
Acute Poliomyelitis	-	-	-
Acute Pneumonia	1	-	-
Polio-Encephalitis	-	-	-
Erysipelas	-	-	-
Puerperal Pyrexia	-	-	-
Ophthalmia Neonatorum	1	-	-
Malaria	-	-	-
Food Poisoning	-	-	-
TOTAL	273		

DIPHTHERIA IMMUNISATION: The number of children immunised during the year was as follows:-
Primary Immunisation.

under 5 years old	-	-	126	(156)
5 - 14 years old	-	-	1	(2)
<u>Re-inforcing</u>			127	158
<u>(Booster) Infections:-</u>			80	(82)

The "Immunisation State" of children in the Rural District on December 31st, 1959 was as follows :-

Age at 31/12/59, i.e. Born in year	1959 under 1.	1955-1958 1 - 4	1950-1954 5 - 9	1945-49 10 -14	Total Under 15
Last complete course of injections (primary or booster)					
a)	42	565	555	55	1217
b) 1954 or earlier	-	-	547	1144	1691
Number of births	279	1130	-	-	-

SMALLPOX: No cases of smallpox were reported.

Number of persons Vaccinated (or Re-vaccinated during 1959:-

Age at 31/12/59 i.e. born in year	1959 Under 1	1958 1	1955-57 2 - 4	1945-54 5-14	1944 15 & over	TOTAL
Number vaccinated	125	1	2	2	2	132
Number Revaccinated	-	-	-	-	2	2

The figure of 125 was 46.2% of the average number of babies born in the two years 1958-1959 which was 270.

TUBERCULOSIS:

Sex and age of new cases and deaths during 1959:-

<u>A G E</u>	<u>New Cases.</u>		<u>D E A T H S.</u>	
	<u>Pulmonary</u>	<u>Non-Pulmonary</u>	<u>Pulmonary</u>	<u>Non-Pulmonary</u>
	<u>M. F.</u>	<u>M. F.</u>	<u>M. F.</u>	<u>M. F.</u>
0 -	-	-	-	-
1 -	-	-	-	-
5 -	-	-	-	-
10 -	-	-	-	-
15 -	-	-	-	-
20 -	-	-	-	-
25 -	1	1	-	-
35 -	-	-	-	-
45 -	1	-	-	-
55 -	2	-	-	-
65 & over	1	-	1	-
TOTAL	6 (9)	0 (0)	1 (0)	0 (0)

Cases in Register at the 31st December 1959 :-

	<u>M.</u>	<u>F.</u>	<u>TOTAL.</u>
<u>Pulmonary</u>	52	46	98
<u>Non-Pulmonary</u>	-	3	3
TOTALS	52	49	101

FACTORIES ACT 1937.

- (1) Inspection for purpose of provisions as to health,
(including inspection made by Sanitary Inspector.)

P R E M I S E S	NUMBER ON REGISTER	INSP E C - T I O N S	WRITTEN NOTICES	OWNER PRO-SECUTED.
1) Factories in which Sections 1,2,3,4 & 6 are to be enforced by Local Authority.	3	3	-	-
2) Factories not included in (1) in which Section 7, is enforced by the Local Authority	46	20	-	-
3) Other premises in which Section 7, is enforced by the Local Authority (excluding Outworker's premises).	-	-	-	-
TOTALS	49	23	-	-

2. CASES IN WHICH DEFECTS WERE FOUND:-

P A R T I C U L A R S .			R E F E R R E D .		No. of cases in which prosecutions were instituted.
	FOUND	REMEDIED	TO H.M. Inspector	By H.M. Inspector	
Want of Cleanliness	2	2	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable Temperature	-	-	-	-	-
Ineffective drainage of floors.	-	-	-	-	-
Sanitary Conveniences	1	1	-	-	-
(a) Insufficient					
(b) unsuitable or defective	-	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
OTHER offences against the Act(not including offences relating to Outworkers)	-	-	-	-	-
T O T A L S	3	3	-	-	-

OUTWORK IN UNWHOLESOME PREMISES - SECTION 110 & 111:- There were no instances of this during the year.

RODENT CONTROL:-

No. of infestations dealt with at private premises - 1370
 " " " " " on business premises - 135
 " " other infestations dealt with. .. - 15
 Number of complaints received - 180

EPIDEMIC DYSENTERY.

Main Outbreak

In March 1959 an extensive outbreak of infective diarrhoea came to light in the Badsey area of Evesham Rural District Council and later spread to the Borough of Evesham.

The organism concerned was the shigella sonnei. Subsequent investigation revealed the probability that the disease had been present in sporadic cases since the beginning of the year.

Discussions with the local medical practitioners and chemists in Pershore produced reports of considerable numbers of cases of "gastric flu" in which symptoms were similar to those cases in the Badsey area, subsequently confirmed as dysentery.

Full investigation in the Pershore Rural District revealed many suspected cases, with diarrhoea as the main symptom. 56 cases in all were followed up, (45 children and 11 adults) of these 14 (10 children and 4 adults) were proved to be cases of dysentery caused by shigella sonnei. The organism was a different type (Colicine type 2) to that found in the Evesham area (Colicine type 7)

This outbreak was less widespread than in the Badsey and Evesham areas and it is reasonable to suppose that because of the different type of organism it was of different origin.

Another 2 cases (1 child - 1 adult) were confirmed in the Grafton Flyford area. Here a third type of the organism was incriminated suggesting yet another origin of infection.

Second Outbreak.

In October a further outbreak of diarrhoea was notified from Three Springs Hostel, involving several families with a large number of children, 29 individuals were suspect (20 children and 9 adults) 14 were found to be positive for shigella sonnei (10 children and 4 adults). Five other case (2 children and 3 adults) were found positive apart from those resident in the Hostel.

Discussion

It will be apparant that dysentery is endemic in this area, as in many others, and that in view of the extensive production of foodstuffs, stringent precautions in personal hygiene and rapid notification of cases to the Public Health departments is essential to control the spread.

The experience gained in the control of this epidemic has shown the value of a preventative campaign directed at the public. The method chosen was through the Press, School and Home. Since the school is the common meeting place of representatives from many households, the chances of the passage of infection at school are very high. Special measures were instituted which it is hoped will have served the additional purpose of long-term education in personal hygiene.

We all have a duty to the community to maintain community health.

Dysentery can only be conveyed by organisms in excreta. Communal toilets are bound to become heavily contaminated in an epidemic of this nature. Frequent disinfection of toilet seats, chain and door handles during periods of use was advised and the intelligent co-operation of caretakers and other attendants speedily reduced the incidence of cases.

Hand-washing, which implies the provision of hot water, soap and clean towels is a duty all of us, not only food handlers, must accept.

I am sure those responsible for commercial food production will do all they can to ensure that proper facilities are available for their workers.

I should like to thank General Medical Practitioners, Dr.J.W. Pickup, County Medical Officer, Dr.R.J. Henderson, the Director Public Health Laboratory Service, Worcester, Mr. J.C. Brooke, Chief Education Officer, and all Head Teachers of the Schools involved, for their co-operation and patient acceptance of additional irksome procedures which enabled us to deal effectively with the outbreak. The local Press co-operated magnificently. Thanks are also due to the staffs of the Public Health Departments who worked many extra hours visiting cases suspected and premises, and making reports on all their activities.

Special Report - Dysentery, 1959.

A special report was made to the Ministry of Health in May 1959.

Statistical Data of Investigations, May 1959.

DYSENTERY 1959

Main outbreak - (March - June)

<u>Pershore</u>				<u>Children</u>	<u>Adults.</u>
Number of Persons Sampled	56			45	11
" " Positive	14			10	4
" " Negative	42			35	7
" Samples Taken	62			50	12
" " Positive	17			13	4
" " Negative	45			37	8

Others - Sampled at the time of the main outbreak but found to be suffering from dysentery caused by a different organism to Pershore and Evesham Types. These were in the Grafton Flyford Area.

<u>Grafton Flyford</u>				<u>Children</u>	<u>Adults.</u>
Number of Persons Sampled	2			1	1
" " Positive	2			1	1
" Samples taken	6			3	3
" " Positive	4			2	2
" " Negative	2			1	1

Pershore (Three Springs Hostel) - October Onwards

These figures include 3 contacts.

				<u>Children</u>	<u>Adults</u>
Number of Persons Sampled		29		20	9
"	"	Positive	14	10	4
<hr/>					
"	Samples taken	65		46	19
"	"	Positive	17	12	5
<hr/>					
"	"	Negative	48	34	14

Others Not connected with Isolation Hospital, but sampled.

				<u>Children</u>	<u>Adults</u>
Number of Persons Sampled		6		2	4
"	"	Positive	5	2	3
<hr/>					
"	"	Negative	1	-	1
"	Samples Taken.	10		3	7
"	"	Positive	8	2	6
<hr/>					
"	"	Negative	2	1	1

... ..

Table 1. (continued)

Station		Date	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

... ..

Station		Date	
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100

