

[Report 1951] / Medical Officer of Health, Driffield U.D.C.

Contributors

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URBAN DISTRICT OF DRIFFIELD

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the Year 1951



including

ANNUAL REPORT

of the

SANITARY INSPECTOR

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF EDUCATION

Division Office - Manila

OFFICE OF THE SUPERVISOR

Manila, Philippines



Manila, Philippines

DEPARTMENT OF EDUCATION

Division Office - Manila

OFFICE OF THE SUPERVISOR

HEALTH COMMITTEE

Chairman of the Council:
Councillor F. WOODCOCK, J. P.

Chairman :
Councillor C. R. TATTERSALL

Members:

Councillor E.P. BATES, M.A.
Councillor J. NAYLOR, M. C.
Councillor A. LEASON, C. C.

Councillor W. CRAWFORD
Councillor W. SMITH
Councillor F. A. MEGGINSON

Clerk of the Council:
A. HORNBY

PUBLIC HEALTH STAFF

Medical Officer of Health and Divisional Medical Officer,
East Riding County Council:
E.T. COLVILLE, M.D., M.B., B.S. (Hons)., B.Hy., D.P.H.

Surveyor and Sanitary Inspector :
A. LIVESEY, M. S. I. A.
(appointed January 1951)

Meat Inspector (part-time) :
W. ISHERWOOD, M. R. C. V. S.

DIVISIONAL MEDICAL STAFF, EAST RIDING COUNTY COUNCIL

Assistant Divisional Medical Officer:
Miss A.D. COLLINS, M.B., CH.B., L.M., D.P.H., D.C.H.,

Health Visitors, Driffield Area :
Miss E.M.E. RODDIS, S.R.N., H.V.CERT., R.S.I., S.C.M.,
Mrs. V. BROWN, S.R.N., H.V.Cert., R.S.I., S.C.M.,

District Nurse/Midwives, Driffield Area :
Mrs. L.F. SLATER, S.R.N., S.C.N.
Mrs. E. COVERDALE, S.R.N., S.C.N.

MEMORANDUM

Department of Health and Welfare
Washington, D.C.

Subject: [Illegible]

Reference:

Counselor W. CLAYTON
Counselor W. SMITH
Counselor F. A. MONTGOMERY

Counselor E. P. BAKER
Counselor J. WALKER
Counselor S. B. [Illegible]

Chief of the Bureau
A. [Illegible]

FIELD OFFICE

Medical Officer of Health and Preventive Medicine
State Health Agency
[Illegible]

Director and Deputy Director
[Illegible]

Chief Inspector (part-time)
[Illegible]

REGIONAL OFFICE

Assistant Regional Medical Officer
[Illegible]

Health Officer, District
[Illegible]

Health Officer, District
[Illegible]

Divisional Health Office,
Town Hall,
BRIDLINGTON.

To the Chairman and Councillors,
Urban District of Driffield.

Mr. Chairman and Gentlemen,

I have the honour to submit the Annual Report on the
Health Services of the Urban District for the Year 1951.

The sickness rate for the early weeks of the year was
high on account of an epidemic of influenza.

Little progress has been made on the proposed reconstruction
of the sewage disposal works. In my opinion the present position is
the worst feature in the Urban District.

I take this opportunity of thanking the Health Committee of
the Council and my fellow officials for their ready assistance at all
times.

I am,
Yours faithfully,

E.T. COLVILLE

Medical Officer of Health

Divisional Health Officer,
Town Hall,
WELLINGTON.

To the Chairman and Councilors,
Urban District of Wellington.

Mr. Chairman and Gentlemen,

I have the honor to submit the Annual Report on the
Health Services of the Urban District for the year 1931.

The sickness rate for the early weeks of the year was
high on account of an epidemic of influenza.

Little progress has been made on the proposed reconstruction
of the sewage disposal works. In my opinion the present position in
the water works in the Urban District.

I take this opportunity of thanking the Health Committee of
the Council and my fellow officers for their ready assistance at all
times.

I am,
Yours faithfully,

E. S. CHEVILL

Medical Officer of Health

STATISTICAL MEMORANDUM

Urban District	Driffield
Area in acres	2,420
Population : 1951 Registrar General	6,843
Rateable Value	£31,696
Sum represented by a penny rate	£127
Estimated number of inhabited houses	1,829
Birth-rate	16.08
Death-rate	14.3
Infant mortality rate	45.5

STATISTICAL MEMORANDUM

Urban District	1931
Area in acres	2,420
Population : 1921 (with Census)	6,681
Indebted Value	211,696
Gas represented by a penny rate	217
Estimated number of inhabited houses	1,222
Birth-rate	16.01
Death-rate	14.3
Infant mortality rate	42.2

VITAL STATISTICS

(a) Live Births :

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	51	56	107
Illegitimate	1	2	<u>3</u>
			110
			=====

Birth-rate 16.08 per 1,000
Percentage of Illegitimate births 2.7

The birth-rate for England and Wales was 15.5 per 1,000 population; our rate is, therefore, slightly above that for the country generally.

(b) Still -births :

There was 1 still-birth (illegitimate) during the year, equivalent to a rate of 0.15 per 1,000 population as compared with 0.36 for the country generally.

(c) Deaths :

The total number of deaths registered during the year as belonging to the Urban District was 98. This is equal to a death-rate of 14.3 per 1,000 compared with a rate of 12.5 for the country generally. The comparability factor to correct the crude death-rate for age and sex distribution in the Urban District is calculated by the Registrar General at 0.76, this on multiplication with the actual rate gives a comparative death-rate of 10.8 per 1,000 against that of 12.5 for the country generally.

The causes of death are given in Table 1.

(d) Infant Mortality Rate :

There were 5 deaths in infants under 1 year of age (4 legitimate, 1 illegitimate). The infantile mortality rate based upon the number of live births registered in the year, i.e., 110, is equivalent to a rate of 45.5 per 1,000 births, compared with a rate for the country of 29.6.

(e) Maternal Mortality :

There were no deaths from Maternal causes.

VITAL STATISTICS

(a) Live Births

Year	Rate	Total
1917	21	107
1918	1	5
1919		110

Birth-rate for 1917 was 21.00 per 1,000
 Percentage of live births during the year 1917

The birth-rate for 1918 was 1.00 per 1,000
 Population rate in, therefore, slightly above that for the
 country generally.

(b) Still-Births

There was 1 still-birth (infant) during the year,
 equivalent to a rate of 0.12 per 1,000 population as compared with
 0.30 for the country generally.

(c) Deaths

The total number of deaths registered during the year as
 belonging to the Union District was 98. This is equal to a death-
 rate of 16.3 per 1,000 compared with a rate of 17.8 for the country
 generally. The comparatively lower rate for the Union District is
 due to the fact that in the Union District is calculated
 rate for age and sex distribution in the Union District with the
 by the Registrar General of 0.70, this an adjustment with the
 actual rate gives a comparative death-rate of 16.3 per 1,000 against
 that of 17.8 for the country generally.

The causes of death are given in Table 1.

(d) Infant Mortality Rate

There were 2 deaths in infants under 1 year of age (2
 deaths, 1 still-birth). The infant mortality rate based
 upon the number of live births registered in the year 1917 is
 equivalent to a rate of 0.2 per 1,000 live-births, compared with a rate
 for the country of 0.30.

(e) Infant Mortality Rate

There were no deaths from infant causes.

TABLE 1

Causes of Death in Driffield U.D., 1951 (R.G.)

	<u>Males</u>	<u>Females</u>
All causes	46	52
Tuberculosis, respiratory	1	-
Cancer, stomach	-	2
Cancer, lung, bronchus	4	4
Cancer, other sites	3	6
Vascular lesions of nervous system	5	5
Coronary disease, angina	4	1
Hypertension with heart disease	1	4
Other heart disease	13	15
Other circulatory disease	2	1
Pneumonia	2	-
Bronchitis	4	2
Other diseases of respiratory system	-	1
Nephritis and nephrosis	-	1
Hyperplasia of prostate	2	-
Congenital malformations	1	-
Other defined and ill-defined diseases ..	3	8
All other accidents	1	2

TABLE 11

Vital Statistics - England and Wales (Extracts)

Births

Live births	15.5 per 1,000 home population
Still births	0.36 " " " "

Deaths

All causes	12.5 per 1,000 home population
All causes under 1 year of age	29.6 per 1,000 live births
Enteritis and diarrhoea under 2 years of age	1.4 " " " "
Maternal mortality rate (all causes)	0.79 per " live and still births

TABLE I

Causes of death in children 1-14 years (1951)

Causes	Male	Female
All causes	25	25
Tuberculosis, respiratory	1	1
Cancer, all sites	0	0
Cancer, lung, bronchus	0	0
Cancer, other sites	0	0
Vascular lesions of nervous system	0	0
Conjunctive diseases, all sites	0	0
Apoplexy with heart disease	0	0
Other heart disease	13	13
Other respiratory diseases	0	0
Leishmaniasis	0	0
Brucellosis	0	0
Other diseases of respiratory system	0	0
Hepatitis and nephritis	0	0
Hypertension of systemic circulation	0	0
Organic heart disease	0	0
Other diseases and all-cause diseases ..	0	0
All other conditions	0	0

TABLE II

Causes of death in children 1-14 years (1951)

Causes	Male	Female
All causes	12.5 per 1,000 live births	12.5 per 1,000 live births
All causes under 1 year of age	20.0 per 1,000 live births	20.0 per 1,000 live births
Infantile and childhood cancer	1.4	1.4
2 years of age (all)	0.7	0.7
Infantile mortality rate (all)	0.7	0.7
Infantile mortality rate (all)	0.7	0.7

Prevalence of, and control over, Infectious
and Other Diseases

The following infectious diseases were notified during the year:

Measles	168
Pneumonia	6
Scarlet Fever	2
Whooping Cough	7

There were no deaths from Measles or Whooping Cough.

Diphtheria Immunisation

The number of children who completed the full course of immunisation in the authority's area between 1st January and 31st December, 1951, is as follows:

<u>Under 5 years</u>	<u>5 - 14 years</u>
48	-

In addition 2 children received boosting doses.

The estimated number of children immunised at any time who were born between 1937 and 1951 is as follows:

<u>Under 5 years</u>	<u>5 - 14 years</u>
223	932

Tuberculosis 1951

The Register of Tuberculosis for the District for the year was as follows:

	<u>Pulmonary</u>		<u>Non- Pulmonary</u>		<u>Total</u>	
	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>	<u>Males</u>	<u>Females</u>
1st January, 1951	14	10	6	5	20	15
31st December, 1951	15	12	7	5	22	17

REVISIONS OF THE 1931-32 BUDGET
AND FINANCIAL STATEMENTS

The following table shows the revisions to the

1931

1931
1930
1929
1928

There were no changes from the 1931-32 Budget.

REVISIONS OF THE 1931-32 BUDGET

The number of children for the full year of 1931-32 is 1,000,000. The number of children for the full year of 1930-31 is 950,000. The number of children for the full year of 1929-30 is 900,000. The number of children for the full year of 1928-29 is 850,000.

REVISIONS OF THE 1931-32 BUDGET

20

In addition 2 children received medical care.

The following table shows the number of children for the full year of 1931-32 and 1930-31 as follows:

REVISIONS OF THE 1931-32 BUDGET

1931 1930

REVISIONS OF THE 1931-32 BUDGET

The following table shows the number of children for the full year of 1931-32 and 1930-31 as follows:

Year	Number of Children	Number of Children	Number of Children	Number of Children
1931	1,000,000	950,000	900,000	850,000
1930	950,000	900,000	850,000	800,000
1929	900,000	850,000	800,000	750,000
1928	850,000	800,000	750,000	700,000

General Provision of Health Services for the area

Laboratory Facilities

Specimens for bacteriological and pathological examinations are sent to the Public Health Laboratory of the Medical Research Council at Hull or to the Pathological Laboratory at Beverley Hospital.

Maternity and Child Welfare

Fortnightly sessions are held at the East Riding County Clinic established at Victoria Road, Driffield.

Ante-Natal

Fortnightly sessions are held at the East Riding County Clinic established at Victoria Road, Driffield.

Maternity Services

Domiciliary births in the Urban District during the year totalled only 23, the remainder occurred in Hospital.

Nursing in the Home

Two District Nurse/Midwives are resident in the town.

Hospitals - Regional Hospital Board

Infectious diseases - the Benpton Lane Hospital, Bridlington, is available for the admission of the commoner infectious diseases, cases of poliomyelitis and Smallpox are to be admitted to Cottingham Infectious Diseases Hospital.

Maternity - Maternity cases are admitted to the special wings of the East Riding General Hospital, Driffield and the Avenue Hospital, Bridlington.

Ambulance Service

This is maintained by the County Council, the whole of the East Riding being adequately covered.

Sanitary Circumstances of the Area

Water

Water is supplied to the District by the Driffield Water Company. In accordance with the instructions of the Ministry of Health the water is chlorinated. Bacteriological examination of the crude supply, at the bore, shows that the water is free from pollution and equivalent to Class 1 of the Ministry of Health Classification for piped water supplies.

The result of samples of piped water supplies were as follows :

<u>RAW WATER</u>			<u>TREATED WATER</u>		
<u>BACTER. EXAM.</u>			<u>BACTER. EXAM.</u>		
<u>No.</u>	<u>Satis.</u>	<u>Un-</u>	<u>No.</u>	<u>Satis.</u>	<u>Un-</u>
<u>Exam.</u>	<u>Satis.</u>	<u>Satis.</u>	<u>Exam.</u>	<u>Satis.</u>	<u>Satis.</u>
14	14	-	8	8	-

The result of the chemical analysis of the water was :

Suspended matter	Slight trace
Appearance in 2 ft. column	Clear and colourless
Odour	None

Parts per Million

Chlorides, expressed as chlorine ...	21
Nitrites	none
Poisonous metals (leads, etc.)	none
Hardness, total	236
Oxygen absorbed at 80°F. (4 hours) .	0.137
Free ammonia	0.000
Albuminoid Ammonia	0.006

Sewage Disposal

No further progress has been made with the proposed new Sewage Disposal Scheme.

Closet Accommodation

During the year 28 earth closets have been converted to water carriage system. This leaves 560 earth closets in use in the district.

The Council, have, by resolution, agreed to increase the grant towards the cost of such conversion from £6. Os. Od. to £10. Os. Od, or half the cost, whichever is the least. It is hoped that this will have the effect of hastening the conversion of the earth closets still remaining in the town, the Council feeling that the steady rate of conversions which marked the introduction of the grant scheme in 1944 has fallen off disappointingly.

Refuse and Night Soil Collection

A weekly collection of household and trade refuse is maintained. Collection is by steel covered vehicles. Nightsoil is disposed of at the Sewage Farm; dry refuse is disposed of at Wold Hill Tip approximately 2 miles from the town centre.

Schools

All schools were inspected during the year. Conditions found were generally satisfactory.

Sanitary Arrangements of the Area

Water

Water is supplied to the District by the District Water Company. In accordance with the instructions of the Ministry of Health the water is chlorinated. Periodical general examination of the water supply, at the house, shows that the water is free from pollution and equivalent to Class I of the Ministry of Health Classification for piped water supplies.

The results of samples of piped water supplies were as follows:

<u>TREATED WATER</u>		<u>RAW WATER</u>	
<u>DATE</u>	<u>RESULT</u>	<u>DATE</u>	<u>RESULT</u>
12	10	12	10

The result of the chemical analysis of the water was:

Chlorine, expressed as chlorine	10.00
Nitrate	None
Phosphate (as P ₂ O ₅)	None
Hardness, total	10.00
Organic matter at 80° C. (5 hours)	0.100
Free ammonia	0.000
Aluminium	0.000

Water per Million

21
None
None
100
0.100
0.000
0.000

Chlorine, expressed as chlorine ...
 Nitrate
 Phosphate (as P₂O₅)
 Hardness, total
 Organic matter at 80° C. (5 hours)
 Free ammonia
 Aluminium

Sanitary Disposal

No further progress has been made with the proposed new Sewage Disposal Scheme.

Street Sanitation

During the year 25 earth closets have been connected to water carriage system. This leaves 200 earth closets in use in the District.

The Council have, by resolution, agreed to increase the grant towards the cost of such conversions from £5.00 to £10.00, or half the cost, whichever is the least. It is hoped that this will have the effect of hastening the conversion of the earth closets still remaining in the town, the Council feeling that the steady rate of conversion which marked the introduction of the grant scheme in 1924 has fallen off appreciably.

Refuse and Street Soil Collection

A weekly collection of household and trade refuse is maintained. Collection is by street covered vehicles. Refuse is disposed of at the sewage farm; dry refuse is disposed of at Mill Hill Tip approximately 2 1/2 miles from the town centre.

Refuse

All refuse was removed during the year. Refuse bins found were generally satisfactory.

Rodent Control

During the year the work of rodent control was carried out, one part-time operative being employed.

60 surface infestations were dealt with, as a result of which 230 bodies were found, the estimated kill being much higher than this.

A 10% test of infestations in the sewers was carried out as required by the Ministry of Agriculture and Fisheries and it is gratifying to report that no takes were recorded.

All rat infestations are dealt with promptly. Private dwellings are treated free of charge. Treatment for business premises is charged on a basis of time and materials used, preliminary surveys being carried out free.

While reported surface infestations are dealt with speedily, it is emphasised that it is the routine surveying and treatment of the area, particularly such centres of infestations as refuse tips and premises on which livestock are kept, that are the important features in keeping the rat population in the district to the minimum.

Medical History

Under the year in which the patient was carried out,
and positive operative findings reported.

60 various infections were listed with, as a result of which
230 bodies were found, the majority being very small.

A list of infections as in the names was carried out as
required by the Ministry of Agriculture and Fisheries and is in possession
of the Department of Health.

All the infections are dealt with briefly. Private dwelling
was treated from the ground. Treatment for patients is carried on
basis of the and certain work. Positive surgery being carried out free

While reported various infections are dealt with briefly, it
emphasized that it is the positive surgery and treatment of the area,
particularly such control of infections as various types and progress on
which it would be kept, that are the important features in keeping the
the population in the district in the manner.

SANITARY INSPECTION OF THE AREA

<u>Nature of Visits</u>	<u>No. of Visits</u>
Bakeshouses	7
Disinfection	4
Drainage	93
Factories	35
Fellmonger	4
Gut scraper	2
Hotels and licensed premises	14
Housing inspections and nuisances	169
Means of escape in case of fire	7
Miscellaneous sanitary visits	69
Public conveniences	26
Rats and Mice	100
Refuse collection	42
Schools	4
Shops	53
Smoke observations	4
Stable and Liggeries	12
Verminous premises	4
Water supply	19
Water courses	4
Movable dwellings	8
Theatres etc	2

Housing

Total number of houses in district.....	1,825
Number of new houses built during year by Local Authority	nil
Number of new houses built during year by Private Licence holders.....	3
Total number of applications for Council houses at end of year	250
Number of new houses in course of erection at end of year :	
(a) by Local Authority	40
(b) by Private Licence holders	7

Inspection and Supervision of Food

Milk

There are 6 distributors of milk in the district.

Samples of raw milk submitted for bacteriological examination	8
Samples of raw milk submitted for biological examination	3
Samples of pasteurised milk submitted for phosphatase test	5
Samples of sterilised milk submitted for turbidity test	1

Ice Cream

There are 16 shops registered for the sale of ice cream. In these premises the ice cream is sold all the year and is chiefly of the wrapped variety.

Ice cream is manufactured at 1 premises only in the district.

Number of inspections of premises during the year	10
Number of samples sent for bacteriological examination	6

Meat

Centralised slaughtering is carried out at 1 Slaughterhouse which is under the control of the Ministry of Food.

Carcases inspected and condemned :

	<u>Cattle</u>	<u>Calves</u>	<u>Sheep and Lambs</u>	<u>Pigs</u>
No. killed	1,360	107	4,198	546
No. inspected	1,360	107	4,198	546
	lbs.	lbs.	lbs.	lbs.
Carcase meat condemned ...	16,389	1,098	19,124	2,894
Carcase meat affected with Tuberculosis ...	12,188	-	-	1,969

Other Foods

The following foods were condemned and voluntarily surrendered during the year :

Varied tinned foods, meat,
fruit and vegetables 1,640 lbs.

Ice Cream

There are 16 shops registered for the sale of ice cream. In these premises the ice cream is sold all the year and is chiefly of the vanilla variety.

Ice cream is manufactured at 1 premises only in the district.

Number of inspections of premises during the year 10
 Number of samples sent for bacteriological examination 6

Milk

Controlled dairies are carried out at 1 establishment which is under the control of the Ministry of Food.

Dairies inspected and examined:

Size	Class and grade	Rating	Value	
240	4, 1st	107	1,700	Mr. King
240	4, 1st	107	1,700	Mr. King
120	1st	100	100
2,000	12, 1st	1,000	10,000	Government
				Government
1,000	-	-	10,000	Mr. King

Other Foods

The following table was compiled and is hereby submitted during the year:

Various kinds of milk, cream, fruit and vegetables 1,000 lbs.

Factories Acts, 1937 and 1948

1. Inspections for purposes of provision as to health :

Premises	No. on Register	No. of Inspections	No. of written notices
(1) Factories in which Sections 1,2,3,4,& 6 are to be enforced by Local authorities	17	8	-
(2) Factories not included in (1) in which Section 7 is enforced by the Local authority	1	-	-
(3) Other premises in which Section 7 is enforced by the Local authority	64	27	2
Total	82	35	2

2. Cases in which DEFECTS were found :-

Particulars	Found	Remedied	Referred by H.M. Inspector
Want of cleanliness (S.1.)	2	2	-
Sanitary Conveniences (S.7) Insufficient	-	-	-
Total	2	2	-

Exhibits, 1937 and 1938

1. Exhibit as a part of the exhibit as to death :

No. of written pages	No. of Exhibits	No. of Exhibits	Exhibits
-	2	17	(1) Exhibits in which Sections 1, 2, 3, 4, 5 are to be referred by local authority
-	-	1	(2) Exhibits not included in (1) in which Section 7 is referred by the local authority
2	27	28	(3) Other exhibits in which Section 7 is referred by the local authority
2	29	45	Total

2. Cases in which Exhibits were found :-

Exhibits	Found	Included	Referred by H.C. Inspector
Part of Exhibits (A.I.)	2	2	-
Sanitary Conventions (S.V.)	-	-	-
Institutions	-	-	-
Total	2	2	-



