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Contributors

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THE RURAL DISTRICT COUNCIL
OF
LOTHINGLAND.



ANNUAL REPORT.

of the
Medical Officer of Health

for the Year 1944.

Laurence Gibson, M.B., Ch. B., D.P.H.,

SUMMARY OF VITAL STATISTICS.

Area of District (Including inland water) Acres.		44653.
Population (Census figures 1931)		13626.
" estimated by Registrar General for 1944.		13460.
Nett Births.		268.
Nett Birth Rate.	per 1,000	19. 9.
Deaths.		177.
Death Rate.	per 1,000	13.15.
Infantile Mortality Rate per 1,000 Births.		22.39.
Zymotic Death Rate.	per 1,000	0.074.
Tuberculosis Death Rate.	per 1,000	0.22.
Cancer Death Rate.	per 1,000	2.08.
Influenza Death Rate.		Nil.
Pneumonia Death Rate.		0.148.

Mr. Chairman and Gentlemen,

I have great pleasure in presenting you with my Annual Report for the year 1944. It is still reduced in size from motives of economy.

The population of the district is given by the Registrar General as 13,460.

The Birth rate is 19.9 per 1,000, slightly lower than last year.

The Death rate is 13.15 per 1,000 practically the same as last year.

For England and Wales the Birth rate was 17.6 and the death rate 11.6.

Illegitimate Births numbered 19, a percentage of 7.1 of the total Births and 1.4 per 1,000 population. There were 5 still Births giving a rate of .37 per 1,000 population.

Infant Mortality - 6 infants (all legitimate) died under 1 year of age giving an Infantile Mortality Rate of 22.39 per 1,000. For England and Wales the rate was 46 per 1,000. The Infant Deaths were in the following Parishes:-

Bradwell (1) Gisleham (1) Kossingland (1) Reydon (1) and Wrentham (2)

Zymotic Deaths. - There were no deaths from Typhoid Fever, Diphtheria, Scarlet Fever, Measles or Infant Diarrhoea. One death from Whooping Cough gives a Zymotic Death rate of 0.074 per 1,000.

For England and Wales - Zymotic Death rates per 1,000 population were as follows:-

Whooping Cough 0.03. Diphtheria 0.02. Measles 0.01. Enteritis under 2 years of age caused 4.8 deaths per 1,000 live Births.

In Lothingland Phthisis and other tubercular diseases caused 3 deaths with a death rate of 0.22 per 1,000. all were respiratory cases.

In England and Wales - the death rate from respiratory tuberculosis was 0.52 per 1,000 population and for non respiratory tuberculosis 0.1 per 1,000.

Cancer caused 28 deaths with a death rate of 2.08 per 1,000.

Death took place at the following ages:-

Males: 41.46.47.48.51.56.57.59.61.61.63.64.64.65.77.78. & 81.

Females: 44.46.53.58.59.66.68.69.77.79. & 80.

There were no deaths from Maternal Mortality.

I give the following table to compare rates of various infectious diseases i.e. the number of cases per 1,000 population for each disease during the last 5 years.

Disease.	1940.	1941.	1942.	1943.	1944.	England & Wales. 1944.
Scarlet Fever.	0.82.	0.81.	2.03	1.53.	5.27.	2.40.
Diphtheria.	0.00.	0.074	0.00	0.00	0.15	0.58
Typhoid	0.00	0.074	0.00	0.00	0.00	0.01
Paratyphoid.	0.00	0.074	0.00	0.00	0.00	0.01
Puerperal Pyrexia.	0.25	0.29	0.07	0.23	0.22	0.29
Erysipelas.	0.06	0.22	0.07	0.00	0.37	0.29
Opthalmia Neonatorum.	0.00	0.37	0.07	0.08	0.00	0.97
Pneumonia.	0.75	1.33	0.30	1.07	0.97	4.16
Measles.	0.25	19.72	1.96	18.14	6.02	2.49
Whooping Cough.	2.57	5.54	5.80	1.30	4.38	

The Rate for Puerperal Pyrexia is better expressed in relation to the number of Births registered (both live and still Births) than to population. On this basis the rate is 10.99 compared to 10.34 per 1,000 for England and Wales.

INFECTIOUS DISEASES.

The following notifications were received during the year. There were 81 compared with 24 last year. The chief increase being in Scarlet Fever.

They were as follows:-

Scarlet Fever.	71.
Diphtheria.	2.
Puerperal Pyrexia.	3.
Erysipelas.	5.

Scarlet Fever. - Notified from the following Parishes:-

Belton (12) Bradwell (19) Burgh Castle (6) Carlton Colville (1) Covehithe (2) Fritton (3) Frostenden (1) Henham (1) Herringfleet (4) Hopton (1) Mutford (1) Reydon (2) South Cove (1) Uggeshall (3) Wangford (4) and Wrentham (10).

They were notified in the following months:- January (1) February (3) March (9) April (13) May (8) June (5) July (2) August (2) September (3) October (12) November (9) and December (4).

All were mild cases. One house had 4 cases, 5 houses had 3 cases, and 6 houses had 2 cases each. Four cases were removed to Hospital.

Diphtheria.- Two cases were reported one an adult. The other a boy of 9 who had been immunised had a mild attack. Both were removed to Hospital. Two other cases were admitted to Hospital as Diphtheria Carriers giving a positive swab although they appeared healthy. One was an evacuee.

Puerperal Pyrexia.- Three cases notified in March, May and July from Gisleham, Carlton Colville and Somerleyton.

Erysipelas - 5 cases notified in March, May, September, October and December, from Benacre (2) Reydon (1) South Cove (1) and Wangford (1).

DISEASES NOTIFIED IN 1944.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever.	71.	4.	1.
Diphtheria.	2.	2.	1.
Opthalmia Neonatorum.	-.	-.	-.
Puerperal Pyrexia.	3.	2.	-.
Paratyphoid B.	-.	-.	-.
Erysipelas.	5.	1.	-.
Pneumonia.	13.	-.	2.
Measles.	81.	-.	-.
Whooping Cough.	59.	-.	1.
Jaundice.	89.	-.	-.

AGE GROUPS OF INFECTIOUS DISEASES.

	Scarlet Fever.	Pneumonia.	Measles.	Whooping Cough.	Jaundice.
Under 1 year.	0.	0.	1.	5.	0.
Between 1 - 2 years.	0.	0.	5.	5.	0.
" 2 - 3 "	2.	3.	3.	6.	1.
" 3 - 4 "	7.	0.	6.	9.	3.
" 4 - 5 "	1.	0.	8.	3.	1.
" 5 - 10 "	36.	4.	50.	18.	11.
" 10 - 15 "	15.	1.	4.	5.	22.
" 15 - 20 "	2.	0.	2.	0.	24.
" 20 - 35 "	4.	0.	1.	0.	17.
" 35 - 45 "	4.	2.	1.	0.	4.
" 45 - 65 "	0.	1.	0.	0.	4.
65 years and upwards.	0.	1.	0.	0.	1.

TABLE COMPARING THIS YEAR WITH THE 5 PREVIOUS YEARS.

Year.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Erysipelas.	Puerperal Pyrexia.	Ophthalmia Neonatorum
1939.	31.	3.	1.	0.	2.	1.
1940.	13.	0.	0.	1.	4.	0.
1941.	11.	1.	1.	4.	4.	5.
1942.	27.	0.	0.	1.	1.	1.
1943.	20.	0.	0.	0.	3.	1.
1944.	71.	2.	0.	5.	3.	0.

Year.	Pneumonia.	Measles.	Whooping Cough.
1939.	11.	1.	12.
1940.	11.	4.	41.
1941.	17.	26.	73.
1942.	5.	24.	78.
1943.	14.	238.	17.
1944.	13.	81.	59.

PUBLIC HEALTH (INFECTIOUS DISEASE) REGULATIONS. 1927.

Thirteen cases were notified as Pneumonia in the following Parishes:-
Carlton Colville (2) Hopton (1) Kessingland (2) Mutford (1) & Raydon (7).

They were notified in the following months:- January (2) February (2)
March (1) April (1) May (1) June (2) August (2) October (1) and November (1)

MEASLES AND WHOOPING COUGH REGULATIONS 1939-1940.

Measles and Whooping Cough were made notifiable on Oct. 23rd 1939.

Cases of Measles were notified in the following parishes:-
Benacre (4) Carlton Colville (3) Corton (2) Covehithe (2) Frostenden (1)
Gisleham (3) Henham (5) Hulver (1) Kessingland (10) Oulton (1)
South Cove (4) Uggeshall (10) Wangford (13) and Wrentham (22).

They were notified in the following months:- January (19)
February (13) March (29) April (13) May (6) and June (1).

Cases of Whooping Cough were confined to 9 Parishes:- Carlton Colville (1) Gisleham (3) Henstead (3) Hulver (5) Kessingland (4) Raydon (29) Rushmere (2) Wangford (3) and Wrentham (9).

They were notified in the following Months:- January (4) February (17)
March (8) April (8) May (2) June (2) July (6) August (10) September (1)
and November (1).

Janudice was made notifiable on November 27th. 1943. Three cases were notified by the end of 1943. During 1944, eighty nine cases were notified from the following Parishes:- Ashby (1) Barnby (7) Belton (1) Benacre (2) Blundeston (2) Bradwell (1) Carlton Colville (11) Corton (1)

Fritton (1) Frostenden (2) Gisleham (1) Henstead (9) Kessingland (13)
Lound (2) Mutford (20) Oulton (9) Rushmere (4) and Wrentham (2)

They were notified in the following months:- January (9) February (2)
March (1) April (1) May (7) June (7) July (6) August (4) September (12)
October (17) November (17) and December (6).

TUBERCULOSIS REGULATIONS 1912, 1921, and 1924.

Under these Regulations 33 notifications were received. 27 pulmonary and 6 non pulmonary. Of the 27 pulmonary 11 were on Form A, one of whom had been notified before, 6 were on Form C, 9 on Form D, and 1 was notified as coming into the district having been notified elsewhere.

The 6 cases on Form C and 9 on Form D had been notified before.
Of the 6 non pulmonary, 1 was notified as coming into the district.
Of the pulmonary cases, 7 received Sanatorium treatment and 1 Hospital Treatment.

AGE AND SEX OF CASES NOTIFIED.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-pulmonary.		Pulmonary.		Non-pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0.- 1 year.	0.	0.	0.	0.	0.	0.	0.	0.
1.- 5 years.	0.	0.	0.	0.	0.	0.	0.	0.
5.- 15 years.	0.	0.	0.	0.	0.	0.	0.	0.
15.- 25 years.	0.	1.	0.	1.	0.	0.	0.	0.
25.- 35 years.	1.	3.	0.	2.	1.	6.	0.	0.
35.- 45 years.	0.	1.	1.	0.	0.	1.	0.	0.
45.- 55 years.	0.	1.	0.	0.	0.	0.	0.	0.
55.- 65 years.	0.	1.	1.	0.	0.	0.	0.	0.
65 & upwards.	2.	0.	0.	0.	1.	0.	0.	0.
	3.	7.	2.	3.	2.	1.	0.	0.

At the beginning of the year there were 37 cases on the Register 20 Pulmonary (13 males and 7 females) and 17 non-pulmonary (9 males and 8 females). During the year 18 cases were added, 12 pulmonary (3 males and 9 females) and 6 non-pulmonary (3 males and 3 females). Seven cases were deducted 6 pulmonary (5 males and 1 female) and 1 non-pulmonary (female). At the end of the year there were 48 cases 26 pulmonary (11 males and 15 females) and 22 non-pulmonary (12 males and 10 females).

The causes of removal from the Register were as follows:-

Cured (1) Removal from area (2) Died (3) Non-tuberculosis (1)

All the fatal cases had been notified.

Table of cases Notified in 5 Previous Years.

	Pulmonary.		Non-Pulmonary.	
	Males.	Females.	Males.	Females.
1939.	3.	6.	2.	1.
1940.	0.	7.	1.	1.
1941.	5.	6.	4.	0.
1942.	2.	2.	3.	3.
1943.	7.	2.	1.	2.

WATER SUPPLY.

The water supply in the area has been satisfactory in quality and quantity.

There are 2 piped supplies in the area.

(1) Lowestoft Water Company supplying 628 premises..

(2) Kessingland Water Scheme supplying 229 premises.

(1) Lowestoft Water Company. -- By the kindness of the Company I am able to give the following information. Samples are taken for analysis every fortnight from the water as supplied to houses as well as samples of raw water.

REPORTS OF ANALYST. 1944. in parts per 100,000

	Chlorine.	Free Ammonia.	Albuminoid Ammonia.	Nitrates.	Nitrites. (less than)	Iron.
Jan.	5.4	0.002	0.009	0.16	(.001)	.007
Feb.	5.2	0.0016	0.01	0.24	.001	.005
Mar.	5.2	0.000	0.0076	0.26	.001	.007
Apl.	5.5	0.0012	0.0064	0.32	.001	.01
May.	5.4	0.0016	0.006	0.28	.001	.005
June.	5.7	0.000	0.0064	0.16	.001	.005
July.	6.1	0.0008	0.0044	0.04	absent.	.01
Aug.	5.9	0.0004	0.0062	0.14	" "	.007
Sept.	6.3	0.000	0.0052	0.06	" "	.01
Oct.	5.7	0.000	0.0054	0.18	" "	.007
Nov.	5.5	0.0004	0.006	0.16	" "	.007
Dec.	5.3	0.0008	0.0076	0.20	(.001 less than)	.01

	Oxygen absorbed 4 hrs at 27° C.	Hardness. Temporary.	Hardness. Permanent.	Bacteria per c.c. 2 days at 37° C.	Bacteria per c.c. 3 days at 20°	B. Coli. in 100.c.c.
Jan.	0.105	8.5	12.0	1	60	absent.
Feb.	0.10	7.5	10.5	1	3	"
Mar.	0.120	7.0	10.5	1	2	"
Apl.	0.10	8.0	11.0	1	3	"
May.	0.095	8.0	10.0	1	40	"
June.	0.075	10.0	9.0	1	3	"
July.	0.085	10.0	9.0	0	16	"
Aug.	0.090	10.5	8.5	5	30	"
Sept.	0.085	9.5	8.5	10	46	"
Oct.	0.110	10.5	9.5	1	3	"
Nov.	0.095	10.0	10.0	0	2	"
Dec.	0.170	11.0	10.5	2	3	"

(2) Kessingland Supply.

REPORT OF QUARTERLY ANALYSES.

	Chlorine.	Free Ammonia.	Albuminoid Ammonia.	Nitrates.	Nitrites.	Oxygen absorbed.
Feb.	4.85	trace	0.004	2.0	nil	0.031
May.	5.0	nil	0.003	2.0	nil	0.024
Aug.	5.0	nil	0.006	1.7	nil	0.030
Nov.	4.85	nil	0.004	1.92	nil	0.045

	Hardness. Total.	Hardness. Permanent.	Bacteria per c.c. 2 days at 37°.	B. Coli. in 100.c.c.
Feb.	7.85	0.71	0	0
May.	7.7	1.45	1	0
Aug.	11.15	1.85	208	0
Nov.	12.85	3.6	6	0

In neither case has there been any need to take action for plumbo solvent action or contamination.

Water is supplied to the houses and there are no stand pipes in the area.

Well Water. - 8 samples were analysed during the year from the following parishes - Carlton Colville (2) Henham (1) Wangford (1) Wrentham (4)

One was found satisfactory. In one case the Water Company's supply was laid on. In two cases the well was not used for drinking purposes.

SCHOOLS.

There is no change in their sanitary circumstances from last year with the exception of Kessingland where the pail closets are emptied twice a week.

From the returns sent to me by the Head Teacher the more severe outbreaks of minor infectious disease were as follows:-

At Burgh Castle, Chickenpox in February and March.
At Kessingland Beach, Measles in May.
At Kessingland Upper, Chickenpox in October.
At Henham, Measles in January.
At Mutford, Measles in May.

Scabies. - There were 15 families affected during the year in the following parishes:- Barnby (1) Blundeston (2) Bradwell (2) Burgh Castle (1) Carlton Colville (3) Herringfleet (1) Mutford (1) and Reydon (4)

In 6 of these cases evacuees were the persons affected.

DIPHTHERIA IMMUNISATION.

During the year there was a satisfactory response to the appeal to have children aged 1 to 15 years treated and great credit is due to the teachers and district nurses who encouraged the parents to have their children treated.

During the year 47 schoolchildren and 206 children under 5 years of age have completed treatment, thus since immunisation started 2135 schoolchildren and 1097 children under five have completed treatment. From the school registers it appears that 97% of schoolchildren have been protected, and of the children under 5, 52.5% according to the Registrar General's estimate of the infant population, which appears to me to be excessive.

INFANT WELFARE.

116 children were placed on the Register as having attended the Kessingland Clinic during the year.

Of these 61 were new cases and 51 had attended before.

Of the new cases 39 were under 1 year of age and 22 between 1 and 5 years of age.

Of the old cases 14 were under 1 year of age.

The Centre was opened on 24 occasions during 1944 and a doctor was in attendance at all the sessions.

The total number of children's attendances was 601 an average of 25 per session.

The total number of consultations was 188 an average of 7.8 per session.

	Number of Sessions.	Children attending. Number.	Average.	Consultations. Number.	Average.
1st quarter.	6	125	20.8	44	7.3
2nd quarter.	6	161	27.	51	8.5
3rd quarter.	6	160	26.6	47	7.8
4th quarter.	6	155	26.	46	7.7

Diphtheria Immunisation - During the year 43 children completed treatment at the Clinic.

DRAINAGE AND SEWERAGE, Offensive Trades, Factories and Workshops.

No alteration since last year.

HOUSING.

During the year, the 6 houses for agricultural workers were completed, 4 at Blundeston and 2 at Wrentham. They are a great improvement on any house previously built by the Council apart from a few minor troubles due to war time building material.

COWSHEDS AND DAIRIES.

On the Register at the end of the year there were 145 wholesale produces and 29 retail produces.

Tuberculin tested milk is produced by 9 herds and there are 54 accredited herds in the district.

SLAUGHTERHOUSE.

During the year meat killed at Benacre, by arrangement with the Borough of Lowestoft was inspected by one of their Sanitary Inspectors, and 286 visits were made.

CARCASES INSPECTED AND CONDEMNED.

	Cattle.	Cows,	Calves.	Sheep & Lambs.	Pigs.
Number killed and inspected.	1069,	496,	1988.	1061,	450,
<u>All diseases except Tuberculosis.</u>					
Whole carcase condemned.	1.	0.	2.	0.	4.
Carcase of which some part of organ was condemned.	255.	144.	7.	29.	54.
Percentage of the number inspected affected with diseases other than Tuberculosis.	23.9%	29%	0.45%	2.7	12.9
<u>Tuberculosis only.</u>					
Whole Carcase condemned.	4.	41.	6.	0.	7.
Carcase of which some part or organ was condemned.	176.	206.	8.	0.	50.
Percentage of the number inspected, affected with Tuberculosis.	16.8%	49.8%	0.7%	0.	12.7%

Diseased meat is dealt with at the Suffolk Fat & Bone Works at Oulton.

PUBLIC HEALTH OFFICES.

Medical Officer of Health.
Sanitary Inspector .

Ambulance Facilities are as before and the service was adequate and satisfactory.

LOWESTOFT ISOLATION HOSPITAL.

Lothlingland Patients treated during 1944.

	Admitted.	Days maintenance.
Diphtheria.	3,	165,
Scarlet Fever.	6, (1)	123,
Appendicitis.	1, (1)	1,
Chickenpox.	2, (2)	18,
Diphtheria Carrier.	1, (1)	31,
Tonsillitis.	1,	9,
Scabies.	2, (2)	6,
Erysipelas.	1,	13.

Included in these figures are 7 evacuees whose numbers are shown in brackets.

I have to thank all the Officials whom I have come in contact with during the year for the kindness and courtesy they have shown in assisting me.

I am,

Your obedient Servant,

LAURENCE GIBSON.

August. 3rd. 1945.

STATISTICS OF THE AREA.
Appendix..1.

Area in Acres.	44653..
Registrar General's estimate of population. (mid 1944)	13.460.
Number of Inhabited houses end of 1944. according to rate book.	4,590..
Rateable Value.	£59,345.
Sum represented by a penny rate.	£241.

EXTRACTS FROM VITAL STATISTICS.

		Total.	Males.	Females.	
Live Births.	Legitimate.	249	138	111	Birth rate per 1,000 estimated resident population mid.1944. 19.95
	Illegitimate.	19	11	8	
Still Births.		5	4	1	Rate per 1,000 total live & still Births. 18.31.
Deaths.		177	100	77	Death rate per 1,000 estimated population. 13.15.

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar General's short list)

	Death.	Rate per 1,000 total. (live and still) Births.
No. 29. Puerporal Sepsis.	Nil.	Nil.
No. 30. Other Puerperal Causes.	Nil.	Nil.
Total,...	Nil.	Nil.

Death rate of Infant's under 1 year of age.

All infants per 1000 live births.	22.39.
Legitimate infants per 1,000	
Legitimate live births.	24.10.
Illegitimate infants per 1,000	
illegitimate live births.	Nil.
Deaths from Cancer. (All ages)	28.
" " Measles. (All ages)	0.
" " Whooping Cough (All Ages)	1.
" " Diarrhoea. (under 2 years of age)	0.

LOTHINGLAND RURAL DISTRICT COUNCIL.

Sanitary Inspector's Inspections, etc.
for Medical Officer's Report.
1944.

Tabular statement of Inspections made during the Year.

Housing.	31.	
Cowshed and Dairy.	246.	
Factory.	20.	
Bakehouse.	8.	
Meat Shops.	52.	
Fish Shops.	14.	
Miscellaneous.	360.	
	- - - -	<u>Total. 731.</u>

Notices Issued.

Preliminary.	46.	All complied with.
Statutory.	2.	

Disinfection.

Six Houses were disinfected after infectious diseases.

Cowsheds and Dairies.

Number of Purveyors registered as wholesale traders.	145.
Number of Purveyors registered as retail traders.	29.
Number of Producers holding "Tuberculin Tested" Licence.	9.
Number of Producers holding "Accredited" Licence.	54.

Two cowsheds re-constructed during the year.

Meat Inspection.

Number of visits made to the slaughter-house.	273.
Number of Carcasses examined.	5,490.
Meat condemned:- Whole carcasses...	72
Total weight of meat...	21 tons 7 cwt 22 lb.

Other Food Stuffs. Condemned.

Fish. (cod fillets)	3 stones.
Potatoes...	2 tons.
Tomatoes. (war damaged)	260 lbs.
Butter. ...	17 lbs.
Cocoa. ...	49 lbs.
Chocolate...	261 lbs.
Cooking Fat.	1 cwt.
Soya Meal...	28 lbs. (War Damaged).
Sausage Meal.	50 lbs. (War Damaged).

Plans of New Buildings submitted and approved.

Stable 1.	Bungalow. 1.	Conservatory. 1.
Addition to Garage. 1.	Addition to Bungalow. 1.	

The Bungalow has been started but not finished.

The addition to Bungalow is not started.

War Damaged Houses.

Up to the end of the year approximately 800 houses had been damaged by enemy action, 37 of them either demolished or so badly damaged that demolition is necessary.

A. O. ADCOCK.
Sanitary Inspector.

