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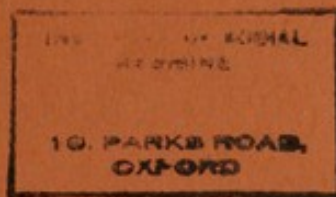
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COUNTY OF INVERNESS.

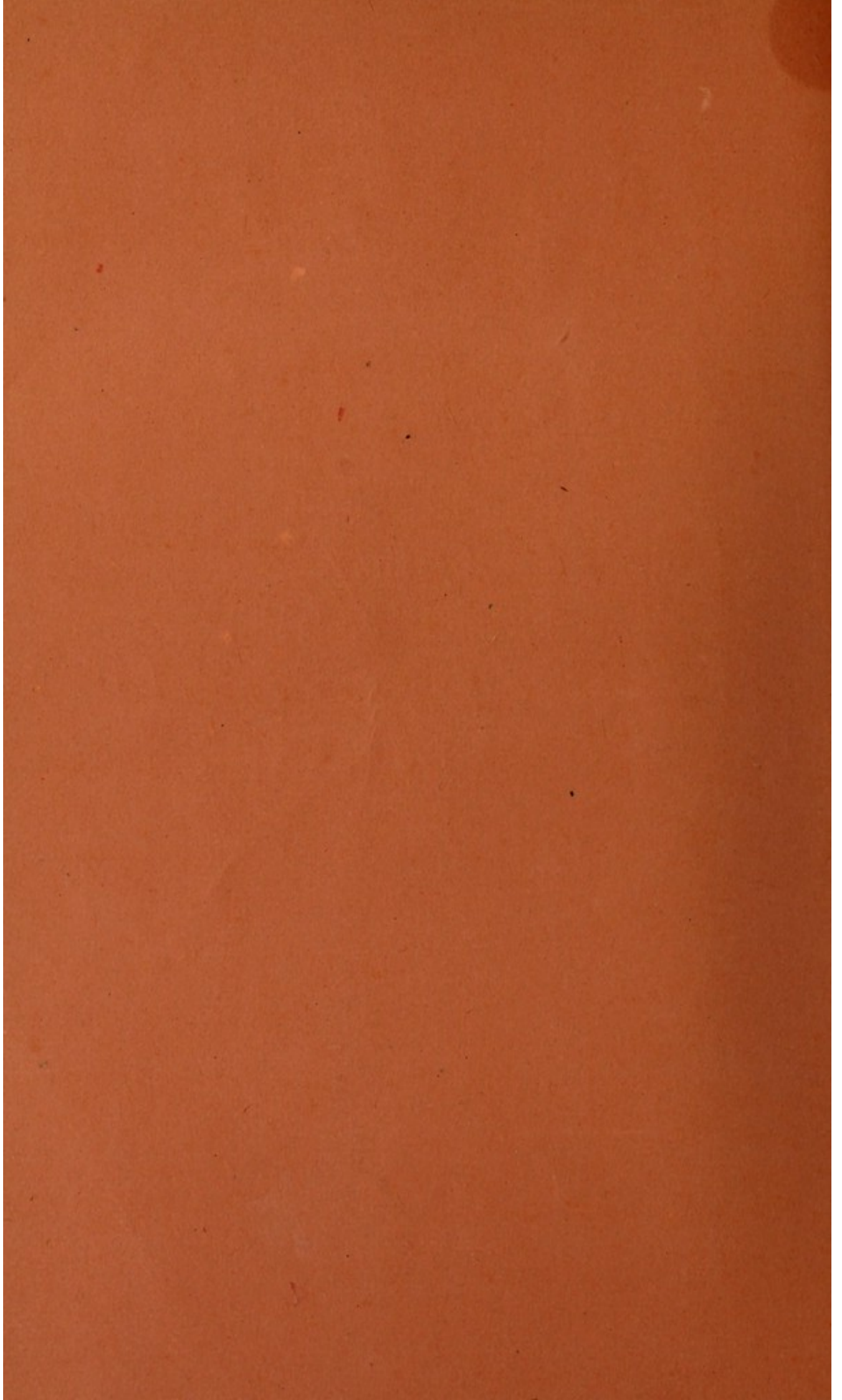


Annual Report  
by the  
Medical Officer of Health  
for year  
1950

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W. D. WILSON, M.D., D.P.H.,

Medical Officer of Health.



COUNTY OF INVERNESS.



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COUNTY OF INVERNESS



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COUNTY OF INVERNESS

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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1950

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To

The Secretary, Department of Health for Scotland

and

The Convener and Councillors of the County Council of Inverness.

My Lords, Ladies and Gentlemen,

In accordance with the instructions laid down in the D.H.S. Circular No. 112/1950,  
I have the honour to submit the Annual Report on the health of the County of Inverness  
for the year ended 31st December, 1950.

I am,

Your obedient Servant,

W. D. WILSON, M.D., D.P.H.,

Medical Officer of Health.

MEMORANDUM FOR THE SECRETARY OF DEFENSE

DATE: 10/10/50

TO: SAC, [illegible]

Page 2

The following information was received from [illegible]

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The [illegible] and [illegible] of the [illegible] [illegible]

[illegible]

In accordance with the instructions [illegible] [illegible]

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The [illegible] [illegible] [illegible]

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SUMMARY OF STATISTICS

FOR THE YEARS

1946, 1947, 1948, 1949 and 1950.

	1946	1947	1948	1949	1950
Population (Civilian) at Mid Year.....	55,062	57,604	56,039	57,745	60,147
Marriages Registered.....	209	197	222	216	209
Birth Rate.....	17.4	18.4	17.6	17.8	16.3
Death Rate.....	14.7	14.3	12.8	13.2	13.4
Infant Mortality Rate (per 1,000 Live births).....	50	42	34	36	40
Still-Birth Rate per 1,000 total births).	28	39	36	22	34
Maternal Mortality Rate (per 1,000 total births).....	1.0	2.8	4.9	1.9	-
Pulmonary Tuberculosis Death Rate.....	0.54	0.49	0.75	0.73	0.37
*Epidemic Diseases Death Rate.....	0.18	0.24	0.07	0.36	0.30

\*Includes Typhoid Fever, Paratyphoid Fever, Measles, Scarlet Fever, Whooping Cough, Diphtheria and Influenza.

VITAL STATISTICS

## POPULATION

The Registrar-General's estimate of the total population of the County of Inverness at 30th June, 1950 is 60,147. This figure does not include the Burgh of Inverness.

The rates quoted in the 1950 Report are based on the estimated total population.

The following table shows the estimated population in the County of Inverness at each mid-year during the quinquennial period 1946-1950.

	1946	1947	1948	1949	1950
Estimated Population	55,062	57,604	56,039	57,745	60,147

## BIRTHS

Live births registered in the County during the year numbered 515. To this figure 468 were added in respect of parents temporarily resident in other parts of Scotland and 3 births were deducted in respect of parents whose permanent address was outwith the County. The number of births after correction for these transfers was thus 980, equivalent to a birth rate of 16.3 per 1,000 of the estimated population. Of the 980 births 509 were males and 471 were females.

Illegitimate live births numbered 71 of which 46 were males and 25 were females, being equivalent to 7.2% of the total live births.

Still births for the year numbered 35 of which 21 were males and 14 were females. The figure is equivalent to a rate of 34 per 1,000 total births (live and still).

## MARRIAGES

The number of marriages registered was 209, being 7 fewer than in 1949.

## DEATHS

After correction for home residence, the deaths during the year totalled 806, 394 males and 412 females, equivalent to a rate of 13.4 per 1,000 of the population. The corresponding figures for 1949 were 764, 389 males and 375 females, giving a rate of ~~31.2~~ 13.2 per 1,000. The average rate for the previous five years was 13.68.

The principal causes of death for the years 1948, 1949 and 1950 are set out in the following table which gives, in addition, the death rates per 1,000 of the population.

Cause of Death	1948 Pop. 56,039		1949 Pop. 57,745		1950 Pop. 60,147	
	No.	Rate	No.	Rate	No.	Rate
Heart Disease.....	158	2.82	184	3.18	218	3.62
Other Diseases of Circulatory System.....	17	0.30	30	0.52	26	0.43
Diseases of Nervous System, including Vascular Lesions.	104	1.85	87	1.51	133	2.21
Malignant Disease.....	107	1.91	115	1.99	126	2.09
Pneumonia (all forms).....	22	0.39	19	0.33	25	0.42
Tuberculosis Respiratory.....	42	0.75	42	0.73	22	0.37
Tuberculosis (other forms)...	6	0.11	8	0.14	2	0.03
Nephritis and Nephrosis.....	14	0.25	24	0.42	18	0.31
Influenza.....	2	0.036	19	0.33	15	0.25

The table on pages 4 and 5 shows the deaths from all causes classified in age and sex groups together with the death rates per 1,000 of the population.

It will be seen that the three principal causes of death during 1950 were as follows:-- Heart disease with a total of 218 deaths equally divided between the sexes; diseases of the nervous system, including cerebral haemorrhage and cerebral thrombosis, with a total of 133 deaths, 54 males and 79 females and malignant disease which accounted for 126 deaths--71 males and 55 females. The totals in all three groups show an increase over the figures for 1949 when the corresponding totals were 184, 87 and 115 respectively.

Deaths from all forms of tuberculosis numbered 24, equivalent to a rate of 0.40 per 1,000 of the population. This figure shows a very gratifying decrease when compared with the figures for 1949 when there were 50 deaths and the rate was 0.87. The decrease is more obvious when it is noted that the average number of deaths from all forms of tuberculosis for the previous ten years--1940-1949--was 43.

Deaths from the principal epidemic diseases which comprise typhoid fever, paratyphoid fevers, cerebro-spinal fever, scarlet fever, whooping cough, diphtheria, influenza and measles numbered 18 representing a rate of 0.30 per 1,000. This figure shows a slight decrease when compared with the total for 1949 which was 21, representing a rate of 0.36, but again, as in 1949, the disease responsible for most of the deaths was influenza.

## DEATHS FROM SPECIFIED CAUSES IN SEX AND AGE

Cause of Death	M A L E S								
	Under 1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64
Tuberculosis of Respiratory System.....	-	-	-	-	1	2	1	3	2
Tuberculosis, other forms.....	-	-	-	-	-	-	-	-	-
Syphilis and its sequelae.....	-	-	-	-	-	-	-	-	-
Typhoid fever (including paratyphoid).....	-	-	-	-	-	-	-	-	-
Dysentery, all forms.....	-	-	-	-	-	-	-	-	-
Scarlet fever and streptococcal sore throat.....	-	-	-	-	-	-	-	-	-
Diphtheria.....	-	-	-	-	-	-	-	-	-
Whooping Cough.....	-	-	1	-	-	-	-	-	-
<del>Meningococcal</del> Meningococcal Infections.....	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis.....	-	-	-	1	-	-	-	-	-
Measles.....	-	-	-	-	-	-	-	-	-
Other infective and parasitic diseases.....	-	-	-	-	-	-	1	-	-
Malignant neoplasms.....	-	-	1	1	-	3	-	3	15
Benign and unspecified neoplasms.....	-	-	-	-	-	-	-	-	-
Diabetes mellitus.....	-	-	1	-	-	1	3	1	-
Anaemias.....	-	-	-	-	-	-	-	-	-
Other general diseases.....	1	-	-	-	-	-	-	-	1
Vascular lesions affecting central nervous system...	-	-	-	-	-	1	-	-	5
Nonmeningococcal meningitis.....	-	-	-	-	-	-	-	-	-
Other diseases of nervous system.....	-	-	-	-	-	2	2	2	2
Rheumatic fever.....	-	-	-	-	-	-	-	-	-
Chronic rheumatic heart disease.....	-	-	-	-	-	-	1	1	1
Arteriosclerotic and degenerative heart disease.....	-	-	-	1	1	-	2	3	18
Other diseases of heart.....	-	-	-	-	-	-	-	-	-
Hypertension with heart disease.....	-	-	-	-	-	-	-	-	2
Hypertension without heart disease.....	-	-	-	-	-	-	-	-	1
Other circulatory diseases.....	-	-	-	-	-	-	-	-	1
Influenza.....	1	-	-	-	-	-	-	-	-
Pneumonia.....	2	1	-	-	-	-	-	1	2
Bronchitis.....	-	-	-	-	-	-	-	-	1
Other respiratory diseases.....	-	-	-	-	-	-	-	1	1
Ulcer of stomach and duodenum.....	-	-	-	-	-	-	-	4	-
Appendicitis.....	-	-	-	-	-	-	-	-	1
Intestinal Obstruction and hernia.....	-	-	-	-	-	-	-	-	-
Gastritis and duodenitis.....	-	-	-	-	-	-	-	-	-
Diarrhoea (except of newborn).....	-	-	-	-	-	-	-	-	-
Cirrhosis of liver.....	-	-	-	-	-	-	-	-	-
Other diseases of liver.....	-	-	-	-	-	-	-	-	1
Other digestive diseases.....	-	-	-	-	-	-	-	-	-
Nephritis and Nephrosis.....	-	-	-	-	-	-	-	-	1
Hyperplasia of prostate.....	-	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system.....	-	-	-	-	-	-	-	-	-
Puerperal Sepsis including post-abortive sepsis.....	-	-	-	-	-	-	-	-	-
Other puerperal causes.....	-	-	-	-	-	-	-	-	-
Diseases of skin and organs of locomotion.....	-	-	-	-	-	-	-	-	-
Congenital malformations.....	-	-	-	-	-	-	-	-	-
Birth injuries, post natal asphyxia and atelectasis.....	5	-	-	-	-	-	-	-	-
Pneumonia of the newborn.....	1	-	-	-	-	-	-	-	-
Diarrhoea of the newborn.....	-	-	-	-	-	-	-	-	-
Other infections of the newborn.....	-	-	-	-	-	-	-	-	-
Other diseases peculiar to infancy.....	8	-	-	-	-	-	-	-	-
Senility.....	-	-	-	-	-	-	-	-	-
Causes ill-defined or unknown.....	1	-	-	-	-	-	1	-	1
Suicide.....	-	-	-	-	-	-	1	-	-
Motor vehicle accidents.....	-	-	1	-	1	-	-	-	1
Other road transport accidents.....	-	-	-	-	-	-	-	-	-
Other violence.....	1	1	-	-	2	1	-	3	-
Total.....	20	2	4	3	5	10	12	22	57

GROUPS AND DEATH RATES PER 1,000 OF THE POPULATION

				FEMALES													Total both sexes	Rate per 1,000 of Population
65-74	75-84	85 & over	Total Males	Under 1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & over	Total Females		
-	-	-	9	-	-	-	-	6	3	2	1	-	1	-	-	13	22	.37
-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2	2	.033
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	.016
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	2	3	.049
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	1	2	.033
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	1	2	.033
19	28	1	71	-	-	-	-	-	1	4	7	5	14	18	6	55	126	2.09
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	.033
1	1	-	8	-	-	-	-	-	-	-	-	-	2	1	-	3	11	.18
-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1	4	4	.066
1	-	-	3	-	-	-	-	-	1	-	-	-	2	-	-	3	6	.099
9	15	9	39	-	-	-	-	-	-	1	2	5	14	29	13	64	103	1.71
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	.016
3	4	-	15	-	-	-	-	2	-	-	-	4	-	8	1	15	30	.49
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	5	-	-	-	-	-	-	1	1	-	2	2	-	6	11	.18
22	41	8	96	-	-	-	-	-	-	-	2	10	29	32	22	95	191	3.17
5	-	-	5	-	-	-	-	-	-	-	-	-	3	3	1	7	12	.20
1	-	-	3	-	-	-	-	-	-	-	-	-	-	1	-	1	4	.066
1	1	1	4	-	-	-	-	-	-	1	-	1	-	1	-	3	7	.116
2	4	3	10	-	-	-	-	-	-	1	-	-	5	2	1	9	19	.316
-	-	1	2	-	-	-	-	-	-	-	-	-	-	7	6	13	15	.25
1	4	2	13	1	-	-	-	-	-	-	1	3	2	4	1	12	25	.42
1	-	1	3	-	-	-	-	-	-	-	-	2	2	3	-	7	10	.16
-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	.033
1	1	-	6	-	-	-	-	-	-	-	-	-	3	-	2	5	11	.18
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	.016
2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	.033
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	.016
-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	.016
-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	2	.033
1	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	1	3	.049
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	7	1	11	-	-	-	-	-	-	-	-	2	3	-	2	7	18	.299
2	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	.049
-	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	3	.049
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	1	3	-	-	-	-	-	-	-	-	-	1	1	1	3	6	.099
-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	3	3	.049
-	-	-	5	2	-	-	-	-	-	-	-	-	-	-	-	2	7	.116
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	.016
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	8	11	-	-	-	-	-	-	-	-	6	6	-	11	19	.316
1	16	10	27	1	-	-	-	-	-	-	-	2	3	16	18	37	64	1.06
5	4	4	13	4	-	-	-	-	-	-	-	2	2	3	2	10	23	.382
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	.016
4	-	-	4	-	-	1	-	-	-	-	-	-	-	-	-	1	5	.083
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	3	-	12	1	-	-	-	1	1	-	-	-	4	1	1	9	21	.349
84	134	41	394	19	2	2	-	10	6	10	16	36	97	134	80	412	806	13.4

## CARE OF MOTHERS AND YOUNG CHILDREN

### GENERAL

As in 1949 the arrangements with regard to the care of mothers and young children continued to operate smoothly. It is gratifying to be able to record that there were no maternal deaths during the year. On the other hand, the infant mortality and still birth rates showed an increase.

Combined ante-natal and post-natal clinics continued to be held at Raigmore Hospital, Inverness and at the Belford Hospital, Fort William, under the auspices of the Regional Hospital Board. The number of women attending and the total number of attendances of these women showed a marked increase over the totals for 1949.

As before, Child Welfare Clinics were run by the Local Authority at Fort William and Annat in the Lochaber area, when there was an increase over the previous year in the total number of child attendances.

In addition, a clinic provided by ~~a clinic provided by~~ a Voluntary Organisation was in operation at the Barracks, Fort George, where much useful work was done among the children of military personnel.

### MATERNAL HEALTH AND WELFARE

#### ANTE-NATAL SUPERVISION

During the year a total of 290 women attended the clinics held weekly at Raigmore and monthly at the Belford Hospital, while the total number of attendances made by these women was 880. The numbers of women attending in 1948 and 1949 were 234 and 247 respectively from which it will be seen that the increase in 1950 is quite a substantial one.

Throughout the year 3,938 ante-natal visits, including 694 first visits, were paid by the District Nursing Sisters to expectant mothers who were unable to attend the clinics by reason of the distance from their homes.

#### CONFINEMENTS

As before, mothers desirous of having their confinements in their own homes received the necessary supervision from their family doctors and the District Nursing Sisters. The classification of these cases is set out in the table on page 7.

At 31st January, 1950, the booking of hospital beds for maternity cases ceased to be the responsibility of the Public Health Department. Accordingly, all doctors in general practice in the County were notified to the effect that their cases after this date should be referred to the Obstetricians at the Ante-natal Clinics. In cases where, by reason of attendance at the clinic for booking was not practicable, application would require to be made through the Secretary, Midwifery Department, Raigmore Hospital, Inverness.

#### POST-NATAL SUPERVISION

During the year, 133 women attended the clinics for post-natal examination. This figure shows a marked increase over the total for 1949 and emphasis is again laid on the benefits to be derived from attendance at the clinics for this purpose.

#### MIDWIVES' ACT

No midwives intimated their intention to practise privately during the year.

## NURSING HOMES

There are no Nursing Homes registered as Maternity Homes in the County.

## MIDWIFERY SERVICES

The following table sets out the total number of births occurring in the area during the year, with a classification of the type of case and whether doctor present at confinement:--

- (i) Total number of births occurring in the area during the year--that is before correction for mother's residence:--  
 Live Births..... 515                      Still Births..... 20                      Total.... 535
- (ii) Total Number of births in (i) occurring in institutions (including private maternity homes).... 128
- (iii) Total Number of births in (i) occurring at home.... 407
- (iv) Number of births in (iii) classified to show nature of attendance at birth:--

(1)	Cases dealt with under Section 23(2) of the National Health Service (Scotland) Act, 1947.			Other domiciliary cases			Total (8)
	Doctor engaged and present at confinement (2)	Doctor engaged and not present at confinement (3)	Midwife alone (no doctor engaged) (4)	Doctor <sup>and</sup> or Midwife engaged (5)	Midwife alone (no doctor engaged) (6)	Without doctor or midwife (7)	
(a) Midwives employed by the Authority (including those engaged on a fee-per-case basis)	272	123	12	-	-	-	407
(b) Midwives employed by Voluntary Organisations under arrangements made by the Authority.	-	-	-	-	-	-	-
(c) Midwives employed by Hospital Boards of Management under arrangements made by the Authority with the Regional Hospital Board.	-	-	-	-	-	-	-
(d) Private practising Midwives	-	-	-	-	-	-	-
(e) Totals	272	123	12	-	-	-	407

The following analysis of the total births in the County, after correction for mother's residence gives an indication as to the proportion of births occurring at home as against those occurring in hospitals and private nursing homes:--

Number of children born at home..... 407  
 Number of children born in hospitals:--  
 John Martin Hospital, Uig, Skye..... 99  
 Lochmaddy Hospice..... 14  
 Maternity Unit, Fort George..... 15                      128

Carry forward..... 535



Brought forward..... 535

Transfers in:--

Number of children born in Hospitals and Nursing Homes, Inverness Burgh.....	301
Number of children born in Hospitals and Nursing Homes in other areas.....	<u>179</u>
	<u>1,015</u>

## ADMINISTRATION OF ANALGESICS

In accordance with the requirements of the Central Midwives Board for Scotland, the training of our midwives in the administration of analgesics begun in this County in 1949, was continued during 1950. The course of instruction was given at the local hospitals and by the end of the year 31 midwives had received their training. In all, 40 midwives in practice in the area were so qualified and altogether 32 sets of apparatus for the administration of gas and air were in use at 31st December, 1950.

## DENTAL CARE OF EXPECTANT MOTHERS AND PRE-SCHOOL CHILDREN

It is regretted that again, as in 1949, owing to the difficulty in obtaining dental staff, it was not possible during 1950 to provide treatment for expectant mothers and pre-school children. By the end of the year the services of a second dental officer were secured but, as already pointed out, the normal complement is at least five dentists and until there is an improvement in the staffing position this service must of necessity be held in abeyance.

## PUERPERAL FEVER AND PUERPERAL PYREXIA

One case of puerperal fever was notified during the year and was treated in hospital.

## MATERNAL DEATHS

It is very satisfactory to record that there were no maternal deaths in the County during the year.

The maternal death rate for the five-year period 1946-1950, with comparative figures for Scotland, are set out in the following table:--

	Rate per 1,000 total births live and still				
	1946	1947	1948	1949	1950
Inverness County.....	1.0	2.8	4.9	1.9	Nil
Scotland.....	2.2	2.0	1.5	1.3	1.1

CHILD HEALTH AND WELFARE

## BIRTHS

There were 980 live births during the year after the necessary correction for transfer had been made. This is equivalent to a birth rate of 16.3 per 1,000 of the estimated population. Of the 980 births, 509 were males and 471 were females.

For the purposes of comparison, the following table is drawn up to show the number of live births for the quinquennial period 1946-1950:--

Year	No. corrected for Transfer			Rate per 1,000 of estimated population (both sexes)
	Both sexes	Male	Female	
1946	995	501	494	17.4
1947	1,059	544	515	18.4
1948	984	519	465	17.6
1949	1,029	498	531	17.8
1950	980	509	471	16.3

Still-births for the year numbered 35 of which 21 were males and 14 were females. This is equivalent to a rate of 34 per 1,000 total births (live and still). The figure for 1949 was 23--17 males and 6 females, being a rate of 22 per 1,000. The still-birth rate fluctuates considerably from year to year. For comparative purposes the average rate for the ten-year period 1940-1949 was 31 per 1,000.

Illegitimate live births totalled 71--46 males and 25 females--being 7.2% of the total live births. For 1949 the figure was 6.4%.

#### OPHTHALMIA NEONATORUM

There were no notifications of this disease during the year.

#### INFANT DEATHS

The number of infants who died during <sup>1950</sup>1949 was 39 of which 20 were males and 19 were females. This figure is equivalent to a rate of 40 per 1,000 live births.

Comparative infant mortality rates in the County of Inverness and in Scotland generally for the five-year period 1946-1950 are set out in the following table:--

	Rate per 1,000 live births				
	1946	1947	1948	1949	1950
County of Inverness.....	50	42	34	36	40
Scotland.....	54	56	45	41	39

Although the infant death rate in the County fluctuates it will be noted that it compares favourably with the rate for Scotland generally.

The causes of death amongst the thirty-nine children are shown in the following table:--

Causes of Death among Children under 1 year of age

	Under 1 week	1 and under 2 wks.	2 and under 3 wks.	3 and under 4 wks.	Total under 4 wks.	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total under 12 months
Prematurity.....	16	-	1	-	17	-	-	-	-	17
Broncho-Pneumonia.....	1	1	-	-	2	2	-	2	1	7
Influenza.....	-	1	-	-	1	-	-	-	-	1
Intra-cranial Haemorrhage	1	-	-	-	1	-	-	-	-	1
Atelectasis.....	1	-	-	-	1	-	-	-	-	1
Asphyxia.....	2	1	-	-	3	1	-	-	-	4
Erythroblastosis.....	1	-	-	-	1	-	-	-	-	1
Congenital Debility.....	1	-	-	-	1	-	-	-	-	1
Convulsions.....	-	-	-	-	-	-	-	1	-	1
Congenital Cerebral Aplasia.....	-	-	-	-	-	1	-	-	-	1
Cardiac Failure.....	-	-	-	-	-	-	1	-	-	1
Gastro-Enteritis.....	-	-	1	-	1	-	-	-	-	1
Cause not stated.....	1	-	-	-	1	-	1	-	-	2
	24	3	2	-	29	4	2	3	1	39

Of the 39 deaths, 29 (74.4%) occurred within the first month of life. This is equivalent to a neo-natal mortality rate of 30 which is calculated from the number of deaths in infants under one month per 1,000 live births. Of these 29 deaths 24 died in the first week which is naturally the most critical period.

#### HOME VISITATIONS

For the purposes of health supervision, 884 infants under one year were visited for the first time by the District Nursing Sisters who paid a total of 8,611 visits during the year. In addition 473 children between the ages of one and five years were visited for the first time since attaining the age of one year. In all 8,357 visits were paid to these children. The grand total of visits paid to children under five years of age was, therefore, 16,968. The numbers of children who were supervised during 1950 show an increase over the previous year when the corresponding figures were 830 infants under one year and 458 children between the ages of one and five years.

#### CHILD WELFARE CLINICS

In connection with the Child Welfare Clinics at Annat and Fort William, weekly sessions conducted by the Surgeon Superintendent of the Belford Hospital continued throughout the year.

In addition to these two clinics run by the Local Authority, clinic facilities were provided by a Voluntary Organisation at the Barracks, Fort George.

The following table sets out the attendances during the year, classified under the different age groups:--

	No. of Clinics provided at end of year	No. of children who first attended the clinics during year and who on the date of their first attendance were:-- +		Total No. of attendances made during year by children who at end of year were:--	
		Under 1 year of age	Over 1 year of age	Under 1 year of age	Over 1 year of age
Local Health Authority Clinics..	Two	85	49	1,371	700
Clinics provided by Voluntary Organisations.....	One	21	-	186	90

<sup>b</sup> "Clinics" means Clinic premises, not sessions

\*Excluding children who attended during the previous year or who are known to have previously attended a clinic in another district.

#### DAY NURSERIES

There are no Day Nurseries in the County of Inverness.

#### RESIDENTIAL NURSERIES AND CHILDREN'S HOMES

Levishie Lodge, Invermoriston, which was opened in June, 1949, continued to be run as a Children's Home during 1950. As stated in the 1949 Report, the promoters were the Royal Scottish Society for the Prevention of Cruelty to Children and during the year accommodation was provided there for two children from Inverness County. In addition, towards the end of 1950 accommodation for four children was provided in the Seaforth Home, Maryburgh, Ross-shire. This Home was opened in September, 1950 and is run under the auspices of Ross-shire County Council.

The need for the establishment of a Children's Home in the County of Inverness is being borne in mind.

#### HOME NURSING

In 1950 there was an establishment of 60 nurses in the County, under the supervision of the County Nursing Superintendent and her Assistant. 10,166 patients were attended to in their own homes and a total of 81,494 visits were paid throughout the year.

In addition to the attendance on sick persons in their own homes, the District Nursing Sisters as stated elsewhere in this report, provided a midwifery service, a health visiting service for children under five years of age and for domiciliary cases of tuberculosis. They also gave assistance with school medical inspection.

The provision of medical equipment obtainable on loan for cases of sickness being nursed at home has again proved to be a great asset, especially in cases where illness is prolonged.

#### DOMESTIC HELP SERVICE

Towards the end of 1950, a home help was provided for a family in the Aird District of Inverness-shire. Assistance was given for a period of eight weeks while the mother of six children was in hospital. There was no relative of her own available to assist in this emergency.

This was the first appointment to be made in the County under the Scheme. It is hoped that help will be provided in similar cases if suitable women can be obtained for this type of work.

## V A C C I N A T I O N   A N D   I M M U N I S A T I O N

### GENERAL

In the Annual Report for 1949 particulars were given of a scheme, originally devised by Dr Monro, Medical Officer of Health for Moray and Nairn, whereby a check might be made on the immunity state of the pre-school child. This scheme has now been in operation since the end of 1949 and it is thus possible to ascertain the numbers of pre-school children who are being vaccinated and immunised early in life.

With regard to school children, information as to the numbers vaccinated and immunised during any given period can be obtained from the School Record Cards.

As before, vaccine lymph and diphtheria immunisation material continued to be supplied free to medical practitioners in the area.

On 1st August, 1950, notification was received from the Department of Health that an agreement had been reached between representatives of the Scottish Local Authority Associations and the British Medical Association on the appropriate <sup>fee</sup> to be paid to general practitioners for Vaccination and Immunisation Records submitted by them to the Public Health Department.

Accordingly, it was possible to make payment to medical practitioners in the County the sums due to them in respect of the records submitted from 5th July, 1948. Payment is now being made half-yearly and it is hoped that this arrangement will encourage the doctors to send in their records timeously to this Department.

### V A C C I N A T I O N

As in 1949, vaccinations were carried out weekly at the Child Welfare Clinics but, as these facilities are confined to the Lochaber area, the majority of children were vaccinated at home.

Towards the end of March, 1950, the Department of Health reported that cases of Smallpox had occurred in Glasgow, Edinburgh and Hamilton. The cases were contacts of a Lascar seaman who was a crew passenger on the S.S. Chitral which docked at Tilbury on 5th March, 1950.

The local doctors were immediately circularised and informed of the position. All precautionary measures were put into operation and supplies of lymph made readily available.

The reaction of the public to the scare was reflected in the increased numbers who were re-vaccinated during the period. Fortunately the outbreak did not spread to the North of Scotland and the "all clear" was given in a letter from the Department of Health dated 19th April.

The following tables give details of the number of persons who were vaccinated and re-vaccinated during the year.

Number of Persons Primarily Vaccinated during Period				
Year of Birth	Typical vaccinia greatest at 7-10th day	Accelerated (vaccinoid) reaction 5-7th day	Reaction greatest at 2nd-3rd day	No Local Reaction
1950	92	-	-	19
1949	131	1	-	3
1948	38	1	-	-
1947	13	-	-	1
1946	13	-	-	1
1945	3	-	-	-
1944	13	-	-	-
1943	6	-	-	-
1942	2	-	-	-
1941	6	-	-	-
1940	10	-	-	-
1939	9	-	-	-
1938	6	-	-	-
1937	4	2	-	-
1936	5	-	-	-
1935				
or earlier	61	4	-	8
Total	412	8	-	32

Number of Persons Re-Vaccinated during Period				
Year of Birth	Typical vaccinia greatest at 7-10th day	Accelerated (vaccinoid) reaction 5-7th day	Reaction greatest at 2nd-3rd day	No Local Reaction
1950	-	-	-	-
1949	-	-	-	-
1948	-	-	1	-
1947	-	1	-	-
1946	-	2	-	1
1945	1	3	-	2
1944	-	2	-	4
1943	4	2	-	3
1942	-	-	2	-
1941	1	2	2	3
1940	2	1	4	1
1939	4	1	1	1
1938	-	2	1	1
1937	1	3	2	-
1936	5	3	-	1
1935				
or earlier	127	159	39	70
Total	145	181	52	87

DIPHTHERIA IMMUNISATION AND COMBINED DIPHTHERIA AND WHOOPING COUGH IMMUNISATION.

The immunisation of pre-school children continued to be done at the Child Welfare Clinics and by the family doctors. School children were done by the School Medical Officer.

In several cases a combined course of immunisation against diphtheria and whooping cough was given.

In April, 1950, an intensive campaign among pre-school children was carried out in the Lochaber area when altogether 99 children were immunised.

The following table sets out details of the number of children who were immunised against diphtheria and against both diphtheria and whooping cough during the year. In addition particulars are given of the numbers who received maintenance inoculations.

Year of Birth	Full Course			Maintenance		
	Diphtheria	Diphtheria & Whooping Cough	Total	Diphtheria	Diphtheria & Whooping Cough	Total
1950	2	1	3	-	-	-
1949	121	48	169	-	-	-
1948	48	31	79	1	1	2
1947	40	20	60	-	1	1
1946	26	15	41	4	-	4
1945	166	5	171	152	-	152
1944	139	3	142	53	-	53
1943	33	2	35	14	-	14
1942	15	1	16	2	-	2
1941	8	1	9	4	-	4
1940	8	1	9	1	-	1
1939	2	-	2	-	-	-
1938	2	-	2	2	-	2
1937	2	-	2	-	-	-
1936	-	-	-	-	-	-
1935 or earlier	-	-	-	1	-	1
Totals	612	128	740	234	2	236

PREVENTION OF ILLNESS, CARE AND AFTER CARETUBERCULOSIS

## GENERAL

With regard to the treatment and prevention of tuberculosis, as detailed in the 1949 report, a satisfactory arrangement has been made whereby the Local Health Authority work in co-operation with the Regional Hospital Board and the general practitioners in the area.

At the end of 1950 two very satisfactory features are to be noted, namely, the marked reduction in mortality and the reduction in morbidity (notifications). With regard to the mortality figures, credit is no doubt due to some extent to the use of the new remedies Streptomycin and P.A.S. In Streptomycin we have an antibiotic which directly attacks and destroys the tubercle bacillus and, although there are limitations as to its use, it undoubtedly represents a great advance in the treatment of the disease. P.A.S. although not nearly so powerful as Streptomycin is used effectively in conjunction with it.

It is to be hoped that the decrease in the number of new cases of the disease notified in 1950 will continue.

## NEW NOTIFICATIONS

The number of confirmed cases notified during the year totalled 80 as compared with 98 in the previous year. This figure is the lowest since 1945 when the total was 77 cases, while in the intervening years, 1946-1949, the average number of cases was 94.

The table on page 16 sets out details of these 80 cases grouped into respiratory and non-respiratory forms with their sex and district distribution. As was the case in 1949, the greatest number of notifications came from the Outer Islands.



Return of Confirmed Cases of Tuberculosis notified during the year in Sex and District Distribution

	Number of Cases notified as suffering from Tuberculosis									
	Inverness	Aird	Badenoch	Lochaber	Fort William	Kingussie	Skye	Outer Islands	Total	
Respiratory..... (Males (Females	4 1	3 4	1 -	6 1	3 3	1 1	5 7	10 10	33 27	
Total	5	7	1	7	6	2	12	20	60	
Non-Respiratory..... (Males (Females	3 2	1 1	1 3	3 1	- -	- -	2 1	1 1	11 9	
Total	5	2	4	4	-	-	3	2	20	
Respiratory and Non-Respiratory..... (Males (Females	7 3	4 5	2 3	9 2	3 3	1 1	7 8	11 11	44 36	
Grand Total	10	9	5	11	6	2	15	22	80	

A picture of the incidence rate of the disease per 1,000 of the population is given in the following table which sets out the total confirmed cases grouped into respiratory and non-respiratory forms along with the sex distribution for the eleven year period from 1940 to 1950.

The table shows that the number of respiratory cases for 1950 is the lowest since 1944. It should be noted too that, while there is a slight increase over the previous year's figure of 18 for non-respiratory cases, yet the total of 20 cases is lower than the average for the previous ten years.

Return of Confirmed Cases of Tuberculosis notified during the Period 1940-50

	Number of cases notified during the period 1940-1950										
	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Respiratory..... (Males (Females  Total	22	20	25	38	29	38	36	43	41	36	33
	18	20	29	33	19	29	26	31	35	44	27
	40	40	54	71	48	67	62	74	76	80	60
Incidence Rate per 1,000	0.71	0.69	0.92	1.25	0.86	1.23	1.13	1.28	1.35	1.39	1.00
Non-Respiratory..... (Males (Females  Total	11	9	15	9	14	5	13	13	14	9	11
	9	7	13	14	12	5	11	8	6	9	9
	20	16	28	23	26	10	24	21	20	18	20
Incidence Rate per 1,000	0.35	0.27	0.48	0.41	0.46	0.18	0.43	0.36	0.36	0.31	0.33
Respiratory and Non-Respiratory ..... (Males (Females  Grand Total	33	29	40	47	43	43	49	56	55	45	44
	27	27	42	47	31	34	37	39	41	53	36
	60	56	82	94	74	77	86	95	96	98	80
Incidence Rate per 1,000	1.06	0.96	1.40	1.66	1.32	1.41	1.56	1.64	1.71	1.70	1.33

The table on page 18 shows the 80 new cases of tuberculosis notified in 1950 classified into age and sex groups. In the respiratory group, the incidence rate is again highest in the age groups 15-35 where there were 20 male cases notified out of a total of 33, representing 61% and 21 female cases notified out of a total of 27, representing 78%. This table also gives the number of these new cases admitted to hospital during the year and the number of cases notified in a previous year and removed to hospital for the first time during 1950.

Return of Cases of Tuberculosis notified during the Year in Age and Sex Distribution.

	Number of Cases diagnosed as suffering from Tuberculosis											Cases notified in a previous year and removed to hospital for the first time during 1949 (450)
	Age Groups											
	Under 1	1 and under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards	Total		
Respiratory.....	-	1	-	-	5	15	5	6	1	33	23	4
(Males)					12	11	-	1	1	27	16	7
(Females)	1	-	-	1								
Total	1	1	-	1	17	26	5	7	2	60	39	11
Non-Respiratory..	-	2	3	3	-	3	-	-	-	11	8	-
(Males)					4	-	2	1	-	9	8	1
(Females)	-	1	-	1								
Total	-	3	3	4	4	3	2	1	-	20	16	1
Respiratory and Non-Respiratory	-	3	3	3	5	18	5	6	1	44	31	4
(Males)					16	11	2	2	1	36	24	8
(Females)	1	1	-	2								
Total	1	4	3	5	21	29	7	8	2	80	55	12

The number of persons resident in the area at 31st December, 1950, who were known to be suffering from tuberculosis is set out in the following table. The tuberculosis register is at present in process of revision by the Tuberculosis Physician and those names are now being deleted where he is satisfied that there has been complete freedom from symptoms for at least five years in the case of respiratory tuberculosis and for at least three years in the case of non-respiratory tuberculosis. In consequence, it is anticipated that the total of known cases will be greatly reduced.

	Number of Cases in Age-Groups									
	Under 1	1 and under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards	TOTAL
<b>Respiratory</b>										
1. Sputum or other material examined and tubercle bacilli found. (Males)	-	-	2	1	95	50	11	1	2	162
(Females)	-	-	-	7	92	64	7	3	-	173
2. Sputum or other material examined and tubercle bacilli never found. (Males)	-	-	2	3	15	16	14	11	-	61
(Females)	1	1	-	3	23	20	9	8	-	65
3. Sputum or other material not examined. (Males)	-	2	4	9	34	36	17	-	-	102
(Females)	-	-	5	8	32	34	8	1	1	89
Total	1	3	13	31	291	220	66	24	3	652
<b>Non-Respiratory</b>										
1. Abdominal..... (Males)	-	3	11	10	5	4	3	-	-	36
(Females)	-	4	7	7	9	8	2	1	-	38
2. Spine..... (Males)	-	1	5	3	2	6	3	1	-	21
(Females)	-	1	-	2	2	8	-	2	1	16
3. Bones and Joints (exclusive of spine) (Males)	-	7	4	16	26	23	7	3	-	86
(Females)	-	1	3	9	10	9	1	6	-	39
4. Superficial Glands..... (Males)	-	14	34	24	8	10	3	2	-	95
(Females)	-	6	21	24	24	20	5	3	4	107
5. Lupus..... (Males)	-	-	-	-	-	1	-	-	-	1
(Females)	-	-	-	-	1	-	-	-	-	1
6. Other parts or organs..... (Males)	-	-	1	1	2	1	3	-	-	8
(Females)	-	-	-	-	2	8	3	3	-	16
Total	-	37	86	96	91	98	30	21	5	464
<b>Respiratory and Non-Respiratory</b>										
Total	1	40	99	127	382	318	96	45	8	1,116

DEATHS

The number of deaths during 1950 from all forms of tuberculosis was 24 of which 9 were males and 15 were females. This represents a death rate of 0.40 per 1,000 of the population. In the pulmonary group, the figures were 22 deaths of which 9 were males and 13 were females equivalent to a death rate of 0.37 per 1,000. The remaining two deaths, both females, were non-pulmonary cases. As the majority of the deaths which occur from tuberculosis fall into the respiratory group, the following table, showing the death rates for the past six years, is of interest:--

Year	Total Deaths	Rate per 1,000 of Population
1945	31	0.57
1946	30	0.54
1947	28	0.49
1948	42	0.75
1949	42	0.73
1950	22	0.37

It will be noted that the peak years were 1948 and 1949 and it is to be hoped that the marked decrease in 1950 will be maintained.

Details of the deaths which occurred in 1950 with particulars as to the period elapsing between notification and death and between discharge from an institution and death are set out as follows:--

	Respiratory		Non-Respiratory	
	Males	Females	Males	Females
Number of persons who died from tuberculosis...	9	13	-	2
Of whom				
Not notified or notified only at or after death....	1	2	-	-
Notified less than 1 month before death.....	1	1	-	1
Do. from 1 to 3 months before death.....	-	-	-	-
Do.   " 3 to 6 months before death.....	2	1	-	-
Do.   " 6 to 12 do. do. ....	1	5	-	-
Do.   " 1 to 2 years before death.....	1	-	-	-
Do. over 2 years before death.....	3	4	-	1
<b>Total</b>	<b>9</b>	<b>13</b>	<b>-</b>	<b>2</b>
Number who died within 28 days after discharge from an institution.....	-	1	-	-
Number who died more than 28 days after discharge from an institution.....	-	-	-	-

INSTITUTIONAL TREATMENT

The hospitals in the area for the treatment of tuberculosis are as follows:--

Culduthel I.D. Hospital (Pulmonary Tuberculosis)--24 beds.  
Invergarry Sanatorium (Pulmonary Tuberculosis)--16 beds.

Royal Northern Infirmary (Non-Pulmonary Tuberculosis)  
Raigmore Hospital (Non-Pulmonary Tuberculosis)

In addition cases are treated in hospitals and sanatoria elsewhere throughout the region. There is no official allocation of beds for tuberculosis in the Royal Northern Infirmary and Raigmore Hospital. Cases are admitted as the need arises.

The following table shows the number of cases with their home residence in the area who received treatment in sanatoria or other institutions during the year.

Number of Patients							
		In Institutions on	Admitted	Discharged	Died in		In Institutions on Dec-
		January 1st	during the year	during the year	the Institutions <sup>+</sup>	ember 31st	
		1	2	3	4	5	6
Respiratory	(Adults <sup>b</sup> (Males	30	42	35	2	1	34
	(Females	40	50	46	7	1	36
	Children (Males	-	2	1	-	-	1
	(Females	2	2	2	-	-	2
Non-Respiratory	(Adults <sup>b</sup> (Males	6	4	6	2	-	2
	(Females	4	8	7	1	1	3
	Children (Males	3	8	5	1	-	5
	(Females	-	4	2	-	-	2
Total		85	120	104	13	3	85

<sup>+</sup> Column 4 shows those who were in final residence 28 days or over  
Column 5 shows those who were in final residence under 28 days.

<sup>b</sup> All patients of 15 years and upwards are classed as adults.

DOMICILIARY TREATMENT

In addition to the treatment provided for tuberculosis cases in various hospitals and sanatoria, supervision is arranged for patients who are being nursed in their own homes. Regular visitation is carried out by the District Nursing Sisters who paid during 1950 a total of 2,508 visits, including 209 first visits.

In thirteen necessitous cases, one pint of Grade A T.T. milk was supplied daily throughout the year, the cost being borne by the Local Authority.

In the case of one tuberculosis patient, the father of two young children, resident in the Lochaber area, a garden shelter was provided and erected at his home.

## B.C.G. VACCINATION

The scheme for providing B.C.G. vaccination of children and others in contact with persons suffering from active tuberculosis, as recommended by the Department of Health in 1949, was put into operation in the County during 1950. Tuberculin testing of contacts was carried out by the Medical staff of the Public Health Department and vaccination given in suitable cases.

As stated in the 1949 report of the Medical Officer of Health, the vaccine cannot be given to tuberculous negative children where there is a case of open tuberculosis in the home. To overcome this difficulty accommodation for four children from Inverness County was found in the Seaforth Home, Maryburgh, Ross-shire. This fact emphasises the need for the provision of a Children's Home in the County of Inverness.

The following tables give details of the work done during the year--

## 1. Number of contacts tuberculin tested under the B.C.G. Vaccination Scheme

Result	AGE GROUPS												Total tests performed	
	Under 1		1 and under 5		5 and under 10		10 and under 15		15 and under 20		20 and over			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Positive	-	1	7	7	10	9	10	9	4	8	17	36	48	70
Negative	-	2	8	9	4	7	7	5	4	5	9	23	32	51
Total	-	3	15	16	14	16	17	14	8	13	26	59	80	121

## 2. B.C.G. Vaccinations performed--

Group	Tuberculin tested		Negative re-actors		Successfully vaccinated	
	M.	F.	M.	F.	M.	F.
	(1)	(2)	(3)	(4)	(5)	(6)
(a) Nurses.....	-	23	-	3	-	2
(b) Medical Students.	-	-	-	-	-	-
(c) Contacts.....	80	121	32	51	5	3
(d) Others.....	-	-	-	-	-	-

INFECTIOUS DISEASES

## GENERAL

The number of cases of infectious diseases notified during 1950 totalled 248 of which 145 were males and 103 were females. Of these cases 67 were removed to hospital. The total figure for 1950 is much higher than that of the previous year but it will be noted that more than half of the cases were whooping cough.

For details of the notified cases reference should be made to the tables on pages 24 and 25 which give respectively the age and sex distribution and the district distribution.

## WHOOPIING COUGH

During the year, in all 143 cases of whooping cough were notified, of which 83 were males and 60 were females. The cases were all confined to the age groups up to fifteen years and it was not necessary to remove any of the patients to hospital. The main outbreaks occurred in South Uist where 74 cases were notified and in the Badenoch area where the total was 51 cases. The remaining 18 cases were scattered over the Inverness, Aird and Lochaber Districts.

## DIPHTHERIA

In February, 1950, a small outbreak of diphtheria occurred in a Hospital in the County. Five cases of infection with the "Gravis" strain of the diphtheria organism occurred in males. Four of the cases were recorded as being of moderate severity and one was mild. One of the patients died six weeks after the beginning of the diphtheria attack but his death was not attributable to this disease. Only one of the cases was known to have had a complete course of diphtheria prophylactic.

Three further cases of diphtheria occurred in the same institution in November, 1950, again all males, and all recovered. Only one of these cases is known to have had diphtheria immunisation.

It should be noted that there were no cases of diphtheria elsewhere in the County.

## SCARLET FEVER

Thirty three cases of scarlet fever were notified during the year, being 19 males and 14 females. The majority of these cases occurred in the Aird District, the notifications being spread fairly widely throughout the year, not more than three or four cases occurring at the same time. The disease again assumed a mild form. 15 cases, less than half of the number notified, were treated in hospital.

## PUERPERAL FEVER

One case of puerperal fever was notified in 1950 and treated in hospital.

## TYPHOID FEVER

There was one case of typhoid fever during the year - a boy aged 14, resident in the Aird District. The case was removed to hospital and made a satisfactory recovery.

## ACUTE POLIOMYELITIS

Two outbreaks of poliomyelitis occurred in 1950. There were 15 cases, 9 occurring in the Outer Islands and 6 in Aird District. 14 of the cases were removed to hospital. In two cases the outcome was fatal - a woman aged 50, from the Outer Islands and a boy aged 14, from Aird District. At the end of the year five patients were still receiving treatment in hospital. With exception of one very severe case, all were reported to be making satisfactory progress.



## INFECTIOUS DISEASES

Return of Cases of Infectious Disease (excluding Tuberculosis) notified during the year ended 31st December, 1950.

Disease	Number of cases coming to the knowledge of the Medical Officer of Health and accepted by him as suffering from the stated disease											
	At all ages	Under 1	1 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 65	65 and upwards	Cases removed to hospital	Cases not removed to hospital	
Cerebro-Spinal Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Chickenpox.....	M	1	-	-	1	-	-	-	-	-	1	-
	F	2	-	-	-	2	-	-	-	-	2	-
Cholera.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Continued Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Diphtheria.....	M	8	-	-	1	1	2	1	3	-	8	-
	F	-	-	-	-	-	-	-	-	-	-	-
Dysentery.....	M	5	-	1	2	-	-	2	-	-	4	1
	F	2	1	-	-	-	-	-	1	-	-	2
Encephalitis Lethargica...	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Erysipelas.....	M	2	-	-	-	-	1	-	-	1	-	2
	F	2	-	-	-	-	1	-	-	1	-	2
Jaundice, Acute Infective	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Malaria.....	M	3	-	-	-	1	2	-	-	-	3	-
	F	-	-	-	-	-	-	-	-	-	-	-
Measles.....	M	7	-	3	3	1	-	-	-	-	6	1
	F	7	-	1	1	1	1	2	-	-	5	2
Ophthalmia Neonatorum.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Plague.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, Acute Influenzal	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Pneumonia, Acute Primary.....	M	3	-	-	2	-	-	-	-	1	-	3
	F	3	1	-	1	1	-	-	-	-	-	3
Pneumonia, (not otherwise notifiable).....	M	4	2	1	-	1	-	-	-	-	1	3
	F	3	2	-	1	-	-	-	-	-	3	-
Poliomyelitis, Acute.....	M	7	-	3	3	1	-	-	-	-	6	1
	F	8	-	2	1	3	1	-	1	-	8	-
Puerperal Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	1	-	-	-	-	1	-
Puerperal Pyrexia.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever.....	M	19	-	9	10	-	-	-	-	-	9	10
	F	14	-	-	10	3	-	1	-	-	6	8
Smallpox.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever.....	M	1	-	-	1	-	-	-	-	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-
Para-Typhoid A.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Para-Typhoid B.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever.....	M	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough.....	M	83	3	19	61	-	-	-	-	-	-	83
	F	60	3	17	40	-	-	-	-	-	-	60
Encephalitis, Post-Vaccinal	M	2	-	-	1	1	-	-	-	-	2	-
	F	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, following Mumps	M	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	1	-	-	-	-	1	-
Total...	M	145	5	36	85	6	5	3	3	2	41	104
	F	103	7	20	54	11	4	2	4	1	26	77

I N F E C T I O U S   D I S E A S E S

(District Distribution)

	Number of Cases coming to the knowledge of the Medical Officer of Health											Total
	Inverness	Aird	Badenoch	Lochaber	Fort William (Burgh)	Kingussie (Burgh)	Skye	Outer Islands	Services	Cases removed to hospital	Cases not removed to hospital	
Chickenpox.....	2	-	-	1	-	-	-	-	-	3	-	3
Diphtheria.....	8	-	-	-	-	-	-	-	-	8	-	8
Dysentery.....	1	1	2	1	-	-	-	2	-	4	3	7
Erysipelas.....	2	2	-	-	-	-	-	-	-	-	4	4
Malaria.....	-	-	-	-	-	-	-	-	3	3	-	3
Measles.....	4	2	-	2	1	1	-	3	1	11	3	14
Pneumonia, Acute Primary.....	2	1	-	-	-	-	-	3	-	-	6	6
Pneumonia, (not otherwise notifiable).....	-	1	2	3	-	-	-	-	1	4	3	7
Polioyelitis, Acute.....	-	6	-	-	-	-	-	9	-	14	1	15
Puerperal Fever.....	1	-	-	-	-	-	-	-	-	1	-	1
Scarlet Fever.....	5	23	1	-	-	-	-	4	-	15	18	33
Typhoid Fever.....	-	1	-	-	-	-	-	-	-	1	-	1
Whooping Cough.....	3	6	28	9	-	23	-	74	-	-	143	143
Encephalitis, Post-vaccinal.....	-	-	-	-	-	-	-	-	1	2	-	2
Encephalitis, following Mumps....	-	1	-	-	-	-	-	-	-	1	-	1
Total.....	28	44	33	16	1	24	1	95	6	67	181	248

### MENTAL HEALTH SERVICE

During 1950 the County Welfare Officers, acting as Authorised Officers, arranged for the certification and removal to hospital of cases of mental illness. This arrangement worked satisfactorily.

The Welfare Officers also continued to supervise Boarded-Out Lunatics on behalf of the Regional Hospital Board. The supervision of Out Door Mental Defectives is a local Health Authority responsibility.

As emphasised in my report last year, the need for institutional accommodation for mentally defective children of both educable and ineducable types is still clamant.

The particulars with regard to Mental Deficiency Cases are as follows:--

#### Details of Mental Defectives for year ended 31st December, 1950.

##### Mental Defectives in Certified Institutions

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Number in Certified Institutions on 1st January, 1950.....	6	7	13
Discharged on Licence to care of relatives during year.....	-	-	-
Died during year.....	-	-	-
Admitted to Institutions during year.....	3	-	3
Number in Certified Institutions at 31/12/1950.....	9	7	16

##### Mental Defectives under Guardianship.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Boarded-out at 1st January, 1950--			
(a) with relatives.....	26	14	40
(b) with strangers.....	6	3	9
(c) in other areas.....	3	3	6
Total boarded-out at 1/1/50.....	35	20	55
Died during year.....	1	-	1
Taken over by Other Authorities .....	2	3	5
Boarded out at 31st December, 1950--			
(a) with relatives.....	26	14	40
(b) with strangers.....	5	3	8
(c) in other areas.....	1	-	1
Total boarded-out at 31/12/50.....	32	17	49

### PORT HEALTH ADMINISTRATION

No foreign going ships arriving in Scotland from a foreign port called at any of the ports in the County during the year. Consequently no Declarations of Health were received and no action required to be taken under the Port Sanitary Regulations (Scotland) 1933-1945.

Notification was received of the arrival of a Danish Aircraft at Inverness Airport on 7th November, 1950. No action was necessary under the Public Health (Aircraft) Regulations (Scotland), 1946.

FOOD SUPPLYMILK

For details of the administration of Acts, Orders and Bye-Laws and of the work done on milk sampling and inspection of dairy premises please see the Annual Report by the County Sanitary Inspector.

No outbreak of infectious disease associated with milk occurred during the year.

ICE CREAM

Details of the administration of the Ice Cream (Scotland) Regulations, 1948, are contained in the report by the County Sanitary Inspector.

No outbreak of infectious disease associated with ice cream occurred during the year.

MEAT AND OTHER FOODS

For details of the administration of the various statutory provisions and regulations, reference should be made to the Annual Report of the County Sanitary Inspector.

There were no unusual instances of sophistication or adulteration of food stuffs during the year.

FOOD HYGIENE

Under the auspices of the Scottish Council for Health Education, Dr Mearns, the Council's Senior Lecturer, delivered a lecture on the importance of the clean handling of food in the Masonic Hall, Fort William, on the 17th March, 1950.

Dr Mearns took as his subject "Food Cleanliness and Health" and gave a most interesting and instructive discourse. Although the lecture was widely publicised beforehand and all food handlers in the district were circularised, yet the audience was disappointingly small and hardly justified the time spent in making the arrangements. This seeming lack of interest was probably mainly due to the very boisterous weather on the night of the lecture which undoubtedly deterred many people from being present.

Later in the year, Dr McAllan, Medical Lecturer, Scottish Council for Health Education, while conducting a week's lecture tour for school children in the Lochaber area, on the 30th May addressed an audience of food handlers and housewives in the Masonic Hall, Fort William, the lecture being illustrated by a showing of films. As on the previous occasion the audience was small. Only fourteen people attended.

FOOD POISONING

No outbreaks of food poisoning were brought to the notice of the Medical Officer of Health during the year.

MISCELLANEOUSNURSING HOMES REGULATIONS (SCOTLAND) ACT, 1938.

There are no Nursing Homes registered under this Act for the reception of medical cases in the County of Inverness.

NATIONAL ASSISTANCE ACT, 1948.

In order to provide accommodation for old people in terms of Part III of the National Assistance Act, 1948, negotiations were begun in the Spring of 1950 with a view to acquiring the Mansion House of Aigas for this purpose.

These negotiations were completed and the house, which is situated on the main Beauly--Cannich road about five miles from Beauly Toll, was taken over by the County Council on 2nd August, 1950. By the end of the year tenders had been accepted from the various contractors for the carrying out of the necessary repairs and alterations, and it was anticipated that the Home, with accommodation for approximately twenty residents, would be ready for occupation by the Autumn of 1951.

The acquisition of this property and conversion into an Old People's Home should do much to solve a problem which must arise in cases where old people have been left without relatives of their own to look after them.

HEALTH EDUCATION

During the week from the 29th May to 2nd June, 1950, under the auspices of the Scottish Council for Health Education, Dr. McAllan who had been appointed to succeed Dr Macleod as the Council's Medical Lecturer, conducted a lecture tour in the Lochaber area for school children from the age of nine years upwards. His lecture dealt with general health subjects prefaced by a film show. In all, 16 schools were visited with a total attendance of 1,165 children and 39 teachers.

In addition to his tour of schools, during the same week Dr McAllan gave a lecture and film show for adults on general health subjects in the G.S.C. Hall, Corpach. The attendance at this adult meeting was very sparse, only twenty people being present.

SCHOOL MEDICAL SERVICE

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REPORT FOR THE YEAR

ENDED

31st JULY, 1950.

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MEMORANDUM

TO: THE PRESIDENT

FROM: THE SECRETARY OF STATE

SUBJECT: [Illegible]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

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[Illegible text]

[Illegible text]

ANNUAL REPORT

on the

Medical Inspection of Schools in the County and Burgh of Invernessfor the year ended 31st July, 1950.1. LIST OF STAFF.(a) Whole-time Public Health and Schools:—

Medical Officer of Health..... W. D. WILSON, M.D., D.P.H.  
 Deputy Medical Officer of Health..... J. DEWAR, M.B., Ch.B., D.P.H.  
 Assistant Medical Officer of Health..... G. G. LINDSAY, M.B., Ch.B., D.P.H.  
 Assistant Medical Officer of Health..... C. N. MINTO, M.B., Ch.B., D.P.H.

School Dental Surgeons

School Dental Surgeon..... J. Macleod, L.D.S.  
 Assistant School Dental Surgeon..... A. E. Liebow, L.D.S.

School Nurses (Inverness Burgh)... 2

Office Staff (Clerks)..... 1

Part-time Consultants.

Ophthalmologist..... T. Chalmers, M.B., Ch.B., F.R.C.S.E.  
 Ophthalmologist..... R. L. Richards, M.B., Ch.B., D.O.M.S.  
 Ear, Nose and Throat Surgeon..... I. M. Seex, M.B., Ch.B., F.R.C.S.E.  
 Ear, Nose and Throat Surgeon..... H. M. Urquhart, M.B., Ch.B., F.R.C.S.E.  
 Orthopaedic Surgeon..... R. C. Murray, M.B., Ch.B., F.R.C.S.  
 Physician..... T. Scott, M.B., Ch.B., M.R.C.P.E.  
 Physician..... J. Ronald, M.D., F.R.C.P.E.

School Nurses

Mainland District..... 31  
 Skye District..... 13  
 Outer Islands District. 15



2. GENERAL STATISTICS

Population of the area.....	85,984
Number of Schools:--	
(a) Primary )	( 154
(b) Junior Secondary ) Under Education Authority.....	( 25
Senior Secondary )	( 6
(c) (i) Special Schools.....	-
(ii) Special classes in ordinary schools.....	-
(d) In receipt of grant from education authority and under medical inspection.....	-
Number of children on the registers.....	12,752
Number of children in average attendance.....	-

Average Height and Weight of School Children

The following table shows the findings in respect of a sample of 288 Children:--

Sex	Age Group	No.	Average Age in Years and Months	Average Height in inches	Average Weight in lbs.
BOYS	Entrants.....	60	5 yrs. 5 mths.	44.22	45.94
	Children born in 1940.....	60	9 yrs. 6 mths.	52.18	66.19
	Children born in 1936.....	30	13 yrs. 4 mths.	59.71	93.77
GIRLS	Entrants.....	60	5 yrs. 6 mths.	43.74	43.72
	Children born in 1940.....	60	9 yrs. 6 mths.	51.78	63.41
	Children born in 1936	18	13 yrs. 3 mths.	60.00	92.68

3. SANITARY CONDITION OF THE SCHOOLS.

The following table shows the improvements in sanitation and general state of repair which have been effected in the schools throughout the Burgh and County of Inverness. The progress made has been satisfactory.

District	Electricity Installations	Sanitary Equipment	Painting Internal and External	New Stoves and Ranges supplied	Repairs to Water supplies and Heating	Misc. Repairs
Burgh.....	-	-	12	-	-	1
Mainland....	-	6	12	1	7	31
Skye.....	1	2	14	20	3	12
Outer Islands....	-	12	15	14	24	44

#### 4. ORGANISATION AND ADMINISTRATION.

A. System and extent of medical inspection and treatment. Please see School Annual Report for 1948-49.

B. System and extent of Dental inspection and Treatment. Please see School Annual Report for 1948-49.

C. School Nursing and arrangements for following up. Please see School Annual Report for 1948-49.

D. Co-ordination with the Public Health Service and with other Departments of the Authority which render services to Children. Please see School Annual Report for 1948-49.

E. Co-operation with Voluntary Bodies and other Outside Agencies. Please see School Annual Report for 1948-49.

F. Co-operation with Teachers and Parents, with Special Reference to the Attendance of Parents at Inspection. Please see School Annual Report for 1948-49.

#### 5. THE FINDINGS OF MEDICAL INSPECTION.

(1) Nutrition. The Nutritional state of the children shows an improvement when compared with the previous year. The percentage of children who show a minor degree of nutritional defect has decreased and no children were encountered whose nutritional state could be classed as bad. There is no doubt that the provision of school meals is an important factor in maintaining the standard.

(2) Clothing. Only one child was found to have unsatisfactory clothing. This shows a marked improvement when compared with the previous year.

(3) Footgear. Only one child was found with unsatisfactory footgear. Having regard to the number of children examined this is very satisfactory. The habit of going barefoot in the Summer, seen mostly in children in the Outer Islands, continues.

(4) Cleanliness. The incidence of verminous infestation of the head continues to show a diminution, particularly with regard to children in Skye and the Outer Islands, hitherto areas where the incidence was high. With regard to sex, the ratio of girls to boys affected is 4 to 1. The continued use of the effective hair application "Suleo", coupled with follow-up examinations by Medical Officers and Nurses, are factors responsible for the improvement.

Infestation of the body is now rarely encountered, only two children being discovered during inspection.

(5) Skin. The incidence of skin disease remains low. No outbreak of contagious skin disease occurred.

(6) Mouth and Teeth. Reference should be made to Table V of the report for details. For the greater part of the school year the services of one dental surgeon only were available. In May, 1950, the services of another dental surgeon were obtained and both worked during the Summer term in Skye. The scarcity of school dental surgeons continues, which is most unsatisfactory, as two dental surgeons cannot possibly cover the area.

(7) Naso-Pharynx. The picture here continues to show an improvement in so far as the adenoids are concerned, the number of children requiring observation or operation showing a reduction when compared with the previous year.

There is, however, quite a marked increase in the number of children whose tonsils either require observation or operative treatment. It is difficult to give the reason for this.

Glands. In view of the increased incidence of tonsillar ailments one would expect a corresponding increase in the number of children with cervical glands requiring observation, but the figures show a reduction when compared with the previous year. No children suffered from glandular infections requiring operative treatment.

(8) Eyes. The incidence of such infections as blepharitis and conjunctivitis is low and calls for no special comment.

With regard to strabismus there is a slight reduction in the incidence and the same applies to minor refractive errors, but the number of children with defective vision necessitating refraction shows a slight increase. It is satisfactory to note that the position with regard to the supply of glasses has improved greatly.

(9) Ears. The incidence of defects in this group shows an increase in the number of children suffering from otorrhoea, but the number of children with defective hearing shows a reduction when compared with the previous year.

(10) Speech. Only two children were found to have defective articulation. No child was referred because of stammering.

(11) Mental and Nervous Conditions. There is again little change in the overall incidence of these conditions. The need for the services of an educational psychologist attached to the County Council staff, is again stressed. Such a person would be invaluable for the accurate assessment of the degree of mental defect.

(12) Circulatory System. The incidence of the congenital and acquired form of organic heart disease shows an increase when compared with the previous year. Having regard to the number of children examined, however, the figures are low.

(13) Lungs. There is a decrease in the overall incidence of respiratory infections.

(14) Deformities. The incidence of defects in this group calls for no special comment, the percentages remaining low. Of interest is the rarity of deformities due to rickets.

(15) Infectious Diseases. Only one child was found to be suffering from infectious disease at medical inspection. Immunisation against diphtheria continues to be carried out as before, the percentage of consents remaining satisfactory.

(16) Other Diseases or Defects. Only 30 children were noted this year compared with 34 last year. There were no conditions calling for special comment.

6. MEDICAL TREATMENT.

<u>A. Minor Ailments.</u>	<u>Local Authority</u>	<u>Private</u>
(1) Cuts, bruises, sprains, etc. ....	160	50
(2) Diseases of the ear.....	-	7
(3) Diseases of the eye.....	-	8
(4) Diseases of the skin--		
Ringworm of the scalp.....	-	2
X-Ray treatments.....	-	-
Ringworm of the body.....	-	3
Scabies.....	-	4
Impetigo.....	13	20
Other Diseases.....	-	15
 B. Defective Vision.....	 204	 -
 C. Nose and Throat (operative treatment).....	 195	 -
 D. Orthopaedic and postural defects (specialist treatment)--		
In-Patient.....	2	91
Out-Patient.....	3	206

7. DENTAL INSPECTION AND TREATMENT.

Please see Table V at end of Report.

8. SPECIAL SCHOOLS AND CLASSES.

Please see Table IV at end of Report.

TABLE 1

## A. Total Number of Children examined during the year under review:--

	Systematic Examinations	Other Systematic Examinations
Ordinary Schools.....		
(Entrants.....)	1226	8
(Children born 1940.....)	1149	-
(Children born 1936.....)	116	-
(Children born 1933.....)	3	-
Junior and Senior Secondary Schools.....		
(Children born 1936.....)	926	-
(Children born 1933.....)	153	-
Total.....	3573	8

B. Other Examinations

Special Cases examined.....	280
Re-inspection by Medical Officer...	779
Children born 1942.....	1071
Total.....	<u>2130</u>

Number of Children notified to Parents as suffering from Defects:--

Entrants.....	77
Children born 1940.....	114
Children born 1942.....	68

Secondary Age Groups--

Children born 1936.....	92
Children born 1933.....	8
Other Systematic Examinations.....	-
Total.....	<u>359</u>

















TABLE II

6. MOUTH AND TEETH UNHEALTHY (b) TEETH UNHEALTHY

District	Total Number Examined All ages	Entrants		Children born 1940		Children born 1936		Children born 1933		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh.....	639	1	.16	1	.16	-	-	-	-	2	.31
.....(Boys)											
.....(Girls)	662	2	.30	1	.15	2	.30	-	-	5	.75
Mainland.....	640	3	.47	-	-	-	-	-	-	3	.47
.....(Boys)											
.....(Girls)	676	3	.44	1	.15	-	-	1	.15	5	.74
.....(Boys)	183	-	-	-	-	-	-	-	-	-	-
.....(Girls)	171	1	.58	3	1.75	1	.58	-	-	5	2.92
Outer Islands.....	322	4	1.24	-	-	-	-	-	-	4	1.24
.....(Boys)											
.....(Girls)	288	4	1.39	1	.35	-	-	-	-	5	1.74
.....(Boys)	1784	8	.45	1	.06	-	-	-	-	9	.50
.....(Girls)	1797	10	.56	6	.33	3	.17	1	.05	20	1.11
Special Cases.....	-	-	-	-	-	-	-	-	-	-	-
.....(Boys)											
.....(Girls)	-	-	-	-	-	-	-	-	-	-	-

7. NASO-PHARYNX

(a) NOSE (1) OBSTRUCTION REQUIRING OBSERVATION

District	Total Number Examined All ages	Entrants		Children born 1940		Children born 1936		Children born 1933		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh.....	639	1	.16	-	-	-	-	-	-	1	.16
.....(Boys)											
.....(Girls)	662	1	.15	-	-	-	-	-	-	1	.15
Mainland.....	640	-	-	-	-	-	-	-	-	-	-
.....(Boys)											
.....(Girls)	676	1	.15	1	.15	-	-	-	-	2	.29
.....(Boys)	183	-	-	-	-	-	-	-	-	-	-
.....(Girls)	171	-	-	-	-	-	-	-	-	-	-
Outer Islands.....	322	1	.31	-	-	-	-	-	-	1	.31
.....(Boys)											
.....(Girls)	288	-	-	-	-	-	-	-	-	-	-
.....(Boys)	1784	2	.11	-	-	-	-	-	-	2	.11
.....(Girls)	1797	2	.11	1	.05	-	-	-	-	3	.17
Special Cases.....	-	-	-	-	-	-	-	-	-	-	-
.....(Boys)											
.....(Girls)	-	-	-	-	-	-	-	-	-	1	-





## 7. NASO-PHARYNX (Contd.)

## (c) GLANDS (1) REQUIRING OBSERVATION

District	Total Number Examined ALL ages	Entrants		Children born 1940		Children born 1936		Children born 1933		Total
		No.	%	No.	%	No.	%	No.	%	
Inverness Burgh.....	639	1	.16	-	-	3	.47	-	4	.62
(Boys)										
(Girls)	662	-	-	1	.15	1	.15	-	2	.30
Mainland.....	640	5	.78	5	.78	-	-	-	10	1.56
(Boys)	676	5	.74	2	.29	1	.15	-	8	1.18
(Girls)	183	-	-	1	.55	-	-	-	1	.55
Skye.....	171	-	-	1	.58	-	-	-	1	.58
(Boys)	322	2	.62	2	.62	2	.62	-	6	1.86
(Girls)	288	4	1.39	2	.69	-	-	-	6	2.08
Outer Islands.....	1784	8	.45	8	.45	5	.28	-	21	1.18
(Boys)	1797	9	.50	6	.33	2	.11	-	17	.95
(Girls)	-	-	-	-	-	-	-	-	2	-
Special Cases.....	-	-	-	-	-	-	-	-	3	-
(Boys)										
(Girls)										

## (c) GLANDS (2) REQUIRING OPERATIVE TREATMENT

District	Total Number Examined ALL ages	Entrants		Children born 1940		Children born 1936		Children born 1933		Total
		No.	%	No.	%	No.	%	No.	%	
Inverness Burgh.....	639	-	-	-	-	-	-	-	-	-
(Boys)	662	-	-	-	-	-	-	-	-	-
(Girls)	640	-	-	-	-	-	-	-	-	-
Mainland.....	676	-	-	-	-	-	-	-	-	-
(Boys)	183	-	-	-	-	-	-	-	-	-
(Girls)	171	-	-	-	-	-	-	-	-	-
Outer Islands.....	322	-	-	-	-	-	-	-	-	-
(Boys)	288	-	-	-	-	-	-	-	-	-
(Girls)	1784	-	-	-	-	-	-	-	-	-
(Boys)	1797	-	-	-	-	-	-	-	-	-
(Girls)	-	-	-	-	-	-	-	-	-	-
Special Cases.....	-	-	-	-	-	-	-	-	-	-
(Boys)										
(Girls)										







































TABLE II

## 16. OTHER DISEASES OR DEFECTS.

District	Total Number Examined All ages	Entrants		Children born 1940		Children born 1936		Children born 1933		Total	
		No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh.....	(Boys)	-	-	1	.16	5	.78	1	.16	7	1.09
	(Girls)	2	.30	1	.15	1	.15	1	.15	5	.75
Mainland.....	(Boys)	-	-	-	-	1	.16	-	-	1	.16
	(Girls)	1	.15	2	.29	1	.15	-	-	4	.59
Skye.....	(Boys)	-	-	3	1.64	-	-	-	-	3	1.64
	(Girls)	-	-	-	-	1	.58	-	-	1	.58
Outer Islands.....	(Boys)	4	1.24	3	.93	1	.31	-	-	8	2.48
	(Girls)	-	-	-	-	1	.35	-	-	1	.35
GRAND TOTAL.....	(Boys)	4	.22	7	.39	7	.39	1	.06	19	1.06
	(Girls)	3	.17	3	.17	4	.22	1	.05	11	.61
Special Cases.....	(Boys)	-	-	-	-	-	-	-	-	4	-
	(Girls)	-	-	-	-	-	-	-	-	10	-

## APPENDIX TO TABLE II

Table showing Number and Percentage of Children Examined in the 1942 Age Group with Eye and Hearing Defects.

District	Total Number Examined 1942 Group	EYES						EARS									
		Strabismus		Other Diseases		V.A. Snellen Fair		V.A. Snellen Bad		Hearing Grade I		Hearing Grade 11a		Hearing Grade 11b		Hearing Grade 111	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Inverness Burgh.....	(Boys 196	3	1.53	-	-	3	1.53	12	6.12	-	-	1	.51	-	-	-	-
	(Girls 181	-	-	-	-	10	5.52	18	9.94	-	-	-	-	-	-	-	-
Mainland.....	(Boys 258	1	.42	-	-	9	3.78	10	4.20	-	-	1	.42	-	-	-	-
	(Girls 226	2	.88	-	-	8	3.54	18	7.96	-	-	-	-	-	-	-	-
Skye.....	(Boys 42	-	-	-	-	2	4.76	-	-	-	-	-	-	-	-	-	-
	(Girls 42	1	2.38	-	-	-	-	1	2.38	-	-	-	-	-	-	-	-
Outer Islands.....	(Boys 76	-	-	1	1.31	5	6.58	4	5.26	-	-	-	-	-	-	-	-
	(Girls 70	1	1.43	-	-	2	2.86	1	1.43	-	-	1	1.43	-	-	-	-
GRAND TOTAL.....	(Boys 552	4	.72	1	.18	19	3.44	26	4.71	-	-	2	.36	-	-	-	-
	(Girls 519	4	.77	-	-	20	3.85	38	7.32	-	-	1	.19	-	-	-	-

TABLE III  
CLASSIFICATION OF DEFECTS FOUND AT SYSTEMATIC MEDICAL EXAMINATIONS.

Total Number of Children Examined.....	1234		1149		1042		156		3581	
	Entrants		Children born 1940		Children born 1936		Children born 1933			
	No.	%	No.	%	No.	%	No.	%		
1. Children free from Defects.....	867	70.26	814	70.84	782	75.05	123	78.85	2586	72.21
11. Children (otherwise free from defects) who suffer from--										
(a) Defective Vision not worse than $\frac{6}{12}$ in the better eye with or without glasses.....	3	.24	75	6.53	72	6.91	13	8.33	163	4.55
(b) Conditions of the mouth or teeth requiring treatment.....	15	1.21	4	.35	2	.19	-	-	21	.59
(c) Children suffering from (a) and (b) Defects.....	1	.08	-	-	-	-	-	-	1	.03
Total.....	19	1.54	79	6.87	74	7.10	13	8.33	185	5.17
111. Children suffering from ailments (other than those mentioned in II) from which complete recovery is anticipated within a few weeks.....	248	20.09	176	15.32	103	9.88	11	7.05	538	15.02
IV. Children suffering from (or suspected to be suffering from) defects less remediable than defects specified in II or III:--										
(a) Where complete cure or restoration of function is considered possible.....	85	6.89	59	5.13	57	5.47	4	2.56	205	5.72
(b) Where improvement only is considered possible.....	15	1.21	21	1.83	26	2.49	5	3.20	67	1.87
Total.....	100	8.10	80	6.96	83	7.96	9	5.77	272	7.59
Grand Total Defects Classified.....	367	29.74	335	29.15	260	24.95	33	21.15	995	27.78

The undernoted table refers only to children dealt with during the year under review.

TABLE IV.

Disability	At ordinary schools	At special schools or classes	At no school or institution	Total
1. Blind.....	-	-	-	-
2. Partially sighted.....	-	1	-	1
(Grade I .....	-	-	-	-
(Grade IIa .....	10	-	-	10
3. Deaf (Grade IIb .....	-	-	-	-
(Grade III .....	1	-	-	1
(Deaf Mutes.....	-	4	-	4
4. Defective Speech--				
(a) Articulation requiring special educational measures.....	3	-	-	3
(b) Stammering requiring special educational measures.....	-	-	-	-
5. Mentally defective children between 5 and 16 years--				
(a) Educable.....	15	-	-	15
(b) Ineducable.....	2	-	3	5
6. Epilepsy--				
(a) Mild .....	3	-	-	3
(b) Severe (suitable for care in a residential school).....	-	-	1	1
7. Physically defective children between 5 and 16 years--				
(a) Non-pulmonary Tuberculosis (excluding cervical glands) ..	-	-	-	-
(b) General orthopaedic conditions	9	2	-	11
(c) Organic heart disease.....	11	-	-	11
(d) Other causes of ill-health..	1	-	-	1
8. Multiple defects .....	1	1	-	2
	(Congenital Heart Disease and Mongolian Idiocy)	(Epileptic and Educable M.D.)		
	1	1	-	2
	(Hydrocephalus, Spina Bifida and Educable M.D.)	(Spastic Diplegia and Educable M.D.)		
Total.....	57	9	4	70

TABLE V.

Dental Inspection and Treatment for Year ended 31st July, 1950.

Number of Children who were:--

(1) Inspected by the Dental Officers:--

Age	Systematic Examinations	Special and Emergency Cases	Total
5.....	52	-	52
6.....	84	-	84
7.....	158	-	158
8.....	211	-	211
9.....	230	-	230
10.....	253	-	253
11.....	166	-	166
12.....	112	-	112
13.....	44	-	44
14.....	29	-	29
15.....	36	-	36
16.....	35	-	35
17.....	36	-	36
Total...	1446	-	1446
(2) Found to require treatment.....	882	-	882
(3) Actually treated by the School Dental Officers	704	-	704
(4) Number of attendances made by children for treatment.....	1063	-	1063
(5) Fillings:--			
(a) Permanent teeth.....	1227	-	1227
(b) Temporary teeth.....	192	-	192
(6) Extractions:--			
(a) Permanent Teeth.....	51	-	51
(b) Temporary Teeth.....	354	-	354
(7) Number of administrations of a general anaesthetic for extractions.....	-	-	-
(8) Other operations:--			
(a) Permanent teeth)	48	-	48
(b) Temporary teeth)			
+ (9) Half-days devoted to inspection.....	39	-	39
Half-days devoted to treatment.....	333	-	333
(10) Number of children treated under private arrangements.....	-	-	-

\*This figure embraces all duty sessions. As many small schools are visited, complete sessions are not devoted to inspection only. Average rate of acceptance of treatment--80%

SUMMARY OF SCHOOL MEDICAL OFFICERS REPORT FOR THE YEAR ENDED 31st July, 1950.

Total Number of Children examined	BURGH OF INVERNESS										MAINLAND AREA									
	400		341		475		85		1301		522		1940		1936		1933		1316	
	Entrants	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.
Age Groups	Entrants	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.
Defects																				
Special Groups Classified																				
1. Nutrition.....	0		0		0		0		0		0		0		0		0		0	
2. Clothing.....	1	.25	0		0		0		0		0		0		0		0		0	
3. Footgear.....	0		0		0		0		0		0		0		0		0		0	
4. (Cleanliness--Head).....	20	5.0	18	5.28	7	1.47	0		45	3.46	3	1.34	0		2	.65	0		12	.91
4. (Cleanliness--Body).....	0		0		0		0		0		0		0		0		0		0	
5. (Condition of Skin of Head).....	0		0		2	.42	0		2	.15	1	.19	0		1	.33	0		3	.23
5. (Condition of Skin of Body).....	6	1.5	2	.59	4	.84	0		12	.92	3	.57	4	1.06	6	1.96	1	2.63	14	1.06
6. Mouth and Teeth Unhealthy..	3	.75	2	.59	2	.42	0		7	.54	6	1.51	1	2.63	0		1	2.63	8	.61
6. (Nose).....	9	2.25	2	.59	0		0		11	.85	10	1.91	3	2.63	0		0		13	.99
7. (Throat).....	76	19.00	54	9.97	56	11.79	2	2.35	168	12.91	78	14.94	52	9.80	30	9.80	0		160	12.16
7. (Glands).....	1	.25	1	.29	4	.84	0		6	.46	10	1.91	7	1.55	1	.33	0		18	1.37
7. (External Eye Disease).....	1	.25	1	.29	1	.21	0		3	.23	2	.38	1	.22	0		0		3	.23
8. (Eyes--Strabismus).....	6	1.5	10	2.93	1	.21	0		17	1.31	15	2.87	6	1.32	4	1.31	0		26	1.98
8. (Eyes--Other Diseases).....	2	.5	0		0		0		2	.15	0	0	2	.44	0		0		2	.15
8. (Visual Acuity).....	2	.5	31	9.09	37	7.79	8	9.41	78	5.99	7	1.34	50	11.11	28	9.11	2	5.26	87	6.61
9. (Ears).....	3	.75	3	.88	3	.62	1	1.17	10	.77	2	.38	6	1.32	2	.65	0		10	.76
9. (Hearing).....	0		0		1	.21	0		1	.08	1	.19	0		0		0		1	.08
10. Speech.....	0		0		0		0		0		0		0		0		0		0	
11. (Mental Condition).....	0		0		0		0		0		1	.19	0		0		0		0	
11. (Nervous).....	0		0		0		0		0		1	.19	0		4	1.31	0		1	2.63
12. Heart and Circulation.....	1	.25	1	.29	1	.21	1	1.17	4	.31	0		1	.22	1	.33	0		3	.23
13. Lungs.....	2	.5	2	.59	1	.21	1	1.17	6	.46	4	.77	3	.66	1	.33	2	5.26	10	.76
14. Deformities.....	1	.25	2	.59	7	1.47	1	1.17	11	.85	0		2	.44	4	1.31	0		6	.46
15. Infectious Diseases.....	0		0		1	.21	0		1	.08	0		0		0		0		0	
16. Other Diseases or Defects.	2	.5	2	.59	6	1.27	2	2.35	12	.92	1	.19	2	.44	2	.65	0		5	.38

## SUMMARY OF SCHOOL MEDICAL OFFICERS REPORT FOR THE YEAR ENDED 31st July, 1950.

Total Number of Children examined	SKYE AREA										OUTER ISLANDS AREA										
	94		136		99		25		354		218		222		162		8		610		
	Entrants		1940		1936		1933		Total		Entrants		1940		1936		1933		Total		
Special Groups Classified	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	
	1. Nutrition.....	1	1.06	0	0	1	1.01	0	0	2	.57	2	.92	2	.90	0	0	0	0	4	.66
	2. Clothing.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Footgear.....	0	0	0	0	3	3.03	0	0	6	1.69	4	1.83	3	1.35	3	1.85	0	0	10	1.64	
4. (Cleanliness---Head).....	0	0	3	2.20	0	0	0	0	0	0	0	0	2	.90	0	0	0	0	2	.33	
4. (Cleanliness---Body).....	0	0	0	0	0	0	0	0	0	0	0	0	2	.90	0	0	0	0	2	.33	
5. (Condition of Skin of Head).....	0	0	1	.74	0	0	1	4.0	2	.57	2	.92	0	0	0	0	0	0	2	.33	
5. (Condition of Skin of Body).....	0	0	3	2.20	1	1.01	0	0	5	1.41	8	3.67	1	.45	0	0	0	0	9	1.48	
6. (Mouth and Teeth Unhealthy).....	1	1.06	0	0	0	0	0	0	0	0	8	3.67	0	0	0	0	0	0	9	1.48	
(Nose).....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7. (Throat).....	17	18.08	19	13.97	7	7.07	2	8.0	45	12.71	48	22.02	40	18.01	21	12.96	0	0	109	17.87	
(Glands).....	0	0	2	1.47	0	0	0	0	2	.57	6	2.75	4	1.80	2	1.24	0	0	12	1.97	
(External Eye Disease).....	0	0	0	0	0	0	0	0	0	0	1	.46	2	.90	0	0	0	0	3	.49	
(Eyes---Strabismus).....	0	0	0	0	0	0	0	0	0	0	1	.46	4	1.60	1	.62	0	0	6	.98	
8. (Eyes---Other Diseases).....	0	0	0	0	0	0	0	0	0	0	2	.92	0	0	0	0	0	0	2	.33	
(Visual Acuity).....	0	0	1	.74	4	4.04	1	4.0	6	1.69	0	0	32	14.41	26	16.05	2	25.0	60	9.83	
9. (Ears).....	0	0	0	0	2	2.02	0	0	2	.57	0	0	0	0	0	0	0	0	0	0	
(Hearing).....	0	0	1	.74	0	0	0	0	1	.28	0	0	0	0	0	0	0	0	0	0	
10. Speech.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
(Mental Condition).....	0	0	0	0	1	1.01	0	0	1	.28	1	.46	2	.90	1	.62	0	0	4	.66	
11. (Nervous).....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12. Heart and Circulation.....	2	2.13	0	0	2	2.02	0	0	4	1.13	0	0	1	.45	0	0	0	0	1	.16	
13. Lungs.....	0	0	0	0	0	0	0	0	0	0	2	.92	3	1.35	1	.62	0	0	6	.98	
14. Deformities.....	0	0	0	0	0	0	0	0	0	0	2	.92	1	.45	1	.62	0	0	4	.66	
15. Infectious Diseases.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16. Other Diseases or Defects	0	0	3	2.20	1	1.01	0	0	4	1.13	4	1.83	3	1.35	2	1.24	0	0	9	1.48	

## SUMMARY (Continued)

Total Number of Children Examined	GRAND TOTAL OF ALL AGES									
	1234		1149		1042		156		3581	
Age Group	Entrants		1940		1936		1933		Total	
Defects	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.
Special Groups Classified.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.	Defects	Rate p.c.
1. Nutrition.....	6	.49	4	.35	3	.29	-	-	13	.36
2. Clothing.....	1	.08	-	-	-	-	-	-	1	.03
3. Footgear.....	1	.08	-	-	-	-	-	-	1	.03
4. (Cleanliness--Head).....	31	2.51	27	2.35	15	1.44	-	-	73	2.04
(Cleanliness--Body).....	-	-	2	.17	-	-	-	-	2	.06
(Condition of Skin of Head..)	1	.08	3	.26	3	.29	-	-	7	.19
5. (Condition of Skin of Body..)	11	.89	7	.61	10	.96	2	1.28	30	.84
6. Mouth and Teeth Unhealthy...	18	1.46	7	.61	3	.29	1	.64	29	.81
(Nose.....)	27	2.19	5	.43	1	.09	-	-	33	.92
7. (Throat.....)	219	17.75	145	12.62	114	10.94	4	2.56	482	13.46
(Glands.....)	17	1.38	14	1.22	7	.67	-	-	38	1.06
(External Eye Disease.....)	4	.32	4	.35	1	.09	-	-	9	.25
8. (Eyes--Strabismus.....)	22	1.78	20	1.74	6	.57	1	.64	49	1.36
(Eyes--Other Diseases.....)	4	.32	2	.17	-	-	-	-	6	.16
(Visual Acuity.....)	9	.73	114	9.92	95	9.12	13	8.33	231	6.45
9. (Ears.....)	5	.40	9	.78	7	.67	1	.64	22	.61
(Hearing.....)	1	.08	1	.09	1	.09	-	-	3	.08
10. Speech.....	-	-	-	-	-	-	-	-	-	-
(Mental Condition.....)	2	.16	5	.43	6	.57	1	.64	14	.39
(Nervous.....)	-	-	-	-	-	-	-	-	-	-
12. Heart and Circulation.....	3	.24	3	.26	4	.38	2	1.28	12	.33
13. Lungs.....	8	.66	8	.69	3	.29	3	1.92	22	.61
14. Deformities.....	3	.24	5	.43	12	1.15	1	.64	21	.58
15. Infectious Diseases.....	-	-	-	-	1	.09	-	-	1	.03
16. Other Diseases or Defects..	7	.57	10	.87	11	1.05	2	1.28	30	.84

W. D. WILSON, M.D., D.P.H.,

Medical Officer of Health for Burgh and County of Inverness.



Date		Description		Amount	
1890	Jan 1	Balance		100.00	
1890	Jan 15	Received from A. B.		50.00	
1890	Jan 30	Received from C. D.		75.00	
1890	Feb 15	Received from E. F.		100.00	
1890	Feb 28	Received from G. H.		125.00	
1890	Mar 15	Received from I. J.		150.00	
1890	Mar 30	Received from K. L.		175.00	
1890	Apr 15	Received from M. N.		200.00	
1890	Apr 30	Received from O. P.		225.00	
1890	May 15	Received from Q. R.		250.00	
1890	May 30	Received from S. T.		275.00	
1890	Jun 15	Received from U. V.		300.00	
1890	Jun 30	Received from W. X.		325.00	
1890	Jul 15	Received from Y. Z.		350.00	
1890	Jul 30	Received from A. B.		375.00	
1890	Aug 15	Received from C. D.		400.00	
1890	Aug 30	Received from E. F.		425.00	
1890	Sep 15	Received from G. H.		450.00	
1890	Sep 30	Received from I. J.		475.00	
1890	Oct 15	Received from K. L.		500.00	
1890	Oct 30	Received from M. N.		525.00	
1890	Nov 15	Received from O. P.		550.00	
1890	Nov 30	Received from Q. R.		575.00	
1890	Dec 15	Received from S. T.		600.00	
1890	Dec 31	Received from U. V.		625.00	
1891	Jan 1	Balance		650.00	

Account of the ...



