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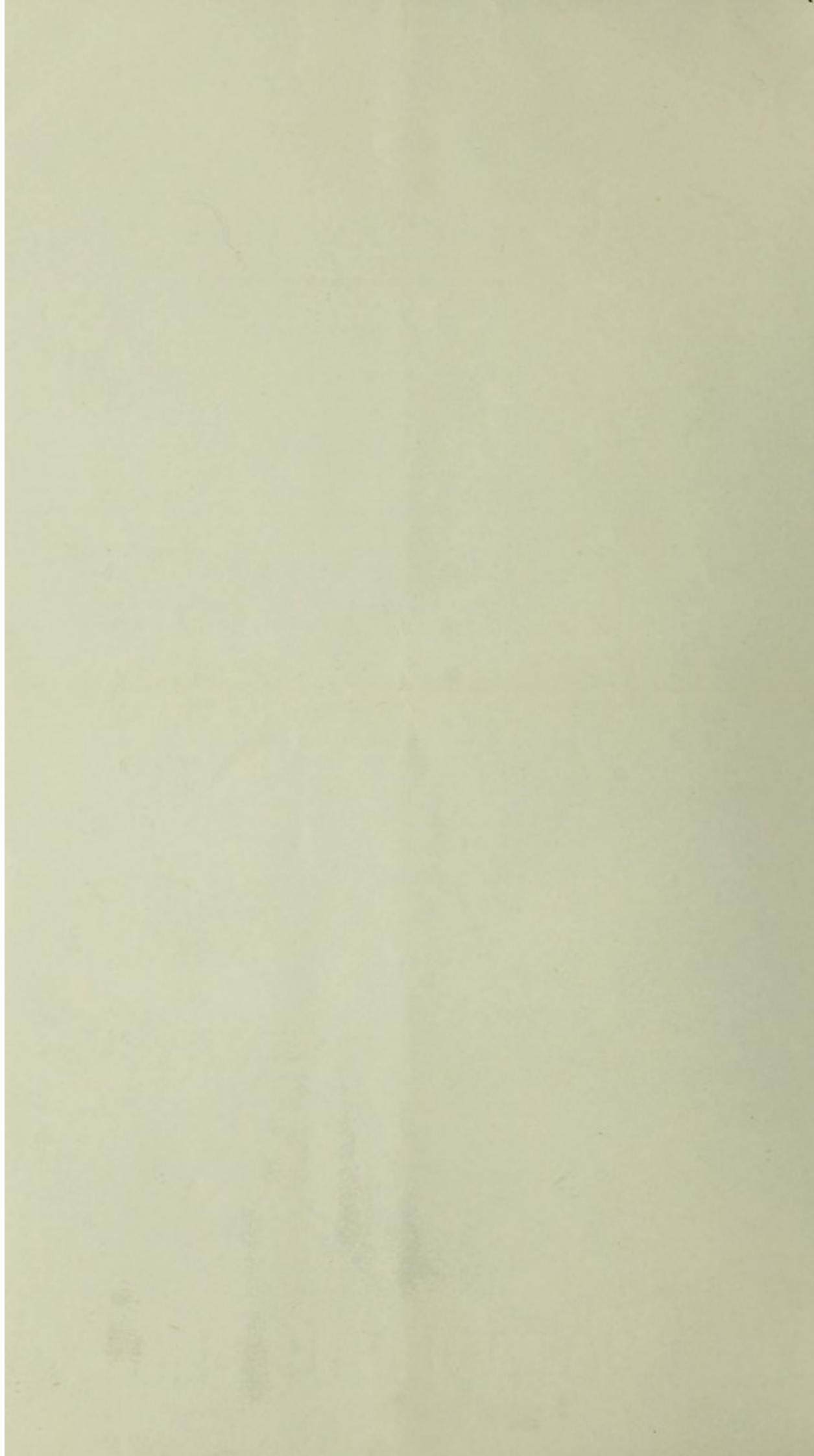
HEALTH
A 29 JUN 1943
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M E D I C A L O F F I C E R O F H E A L T H
F O R T H E Y E A R
1 9 4 2.



East Pollant House,
Chichester.

June, 1943.

To the Mayor, Aldermen and Councillors,
of the Borough of Arundel.

Gentlemen,

I have the honour to present to you my fourth Annual Report on the Health of the Arundel Borough and the work of the Public Health Department during the year 1942.

Owing to war conditions, the Minister of Health, as in the previous year, has given instructions that the present Report should be curtailed and that for security reasons all reference to local populations and activities in connection with wartime industrial, military or other important developments such as extensions of water supply, sewerage works or other public utility undertakings, should be omitted.

In spite of the increased pressure of war conditions there is no apparent deterioration in the general health of the community.

The birth rate in 1942 shows a substantial increase over that of the previous year whilst the death rate shows an almost corresponding decrease. These improvements in rates are due in part to an actual increase in the number of births and an actual decrease in the number of deaths and in part to a lowering by approximately 200, of the Registrar General's estimate of the Borough's population at mid 1942.

There has been no notable features regarding the incidence of infectious and other diseases during the year.

The diphtheria immunisation campaign has been continued with success during the year, a high percentage of children attending the schools in the Borough having now received a course of injection. The percentage of children under school age who have been protected is somewhat disappointing and active steps are being taken with regard to these younger children.

In conclusion I wish to tender my thanks to the Members of the Council for their continued support and to Mr. Gates for his loyal co-operation and assistance which has always been available in spite of his numerous other duties.

I am,

Your obedient Servant,

ERIC WARD

Medical Officer of Health.

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

Eric Ward, M.R.C.S., L.R.C.P., D.P.H.

Sanitary Inspector and Surveyor

G.A. Gates.

Clerical Staff

Mrs L. Stevens.

Miss D. Swain

Miss P.J. Morrissey

(on Sick Leave from May, 1942).

SUMMARY OF STATISTICS

	1. General Statistics.	
Area in acres		2054
Rateable Value (April, 1942)		19,135
Sum represented by a Penny Rate (March 1943)		£76
	2. Extracts from Vital Statistics.	
Birth Rate per 1,000 of estimated resident population:	16.62	
Crude Death Rate per 1,000 of estimated resident population:	13.56	
Deaths from Puerperal Causes:		Nil
Death Rate of Infants under 1 year of age:		
All Infants per 1,000 live births:		26

Section 1

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

There has been little change in the social conditions of the Borough during the year and the Borough remains a reception area. At the end of the year 70 persons were officially billeted in the town.

VITAL STATISTICS.

The BIRTH RATE is 16.62 per 1,000 of the population, as compared with 11.64 for the previous year, 15.8 for England and Wales and 15.70 and 16.76 for the Urban and Rural Districts of West Sussex.

The illegitimate live births numbered 5 as compared with 3 for the previous year.

No stillbirths were registered during the year.

The DEATH RATE is 13.56 per 1,000 of the population, as compared with 17.26 for the previous year, 11.6 for England and Wales and 16.50 and 12.76 for the Urban and Rural Districts of West Sussex.

The following are the chief causes of death, in order of frequency :-

1. Diseases of the heart and circulatory system
2. Cancer
3. Intra-cranial vascular lesions
4. Tuberculosis of Respiratory system
5. Road Traffic accidents

Compared with the previous year there has been a decrease in deaths due to diseases of the heart and circulatory system, with a decrease of two in deaths due to Cancer. The deaths due to respiratory diseases, excluding Pulmonary Tuberculosis, have decreased from 5 for the year 1941, to 1 for the year under review.

As in the previous year, there were no deaths directly due to pregnancy or child bearing.

The INFANTILE MORTALITY RATE is 26 per 1,000 live births, as compared with a rate of 111 for the previous year, 49 for England and Wales and 40 and 42 for the Urban and Rural Districts of West Sussex.

Comparative Statistics, 1942

			England and Wales	West Sussex Urban	Arundel Rural	
Birth Rate ...	...	...	15.8	15.70	16.76	16.62
Death Rate ...	...	...	11.6	16.50	12.76	13.56
Infantile Death Rate	...	...	49	40	42	26

Section II

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Staff

Particulars of the staff of the department are given at the beginning of the Report.

Laboratory Facilities

Arrangements for the laboratory work of the Borough are made under the Emergency Public Health Laboratory Scheme and the work is carried out at the Emergency Public Health Laboratory at Christ's Hospital, Horsham and at the Affiliated Laboratories of the West Sussex County Council and Royal West Sussex Hospital.

Details of specimens examined during the year are given below.

	Emergency Public Health Laboratory Horsham		West Sussex County Council Laboratory		Royal West Sussex Hospital Laboratory	
	Number examined	Number positive	Number examined	Number positive	Number examined	Number pos.
Nose and throat swabs for diphtheria	-	-	2	-	3	1
Nose and throat swabs for other conditions	-	-	-	-	2	-
Water examinations	-	-	24	-	-	-

Ambulance Facilities and Professional Nursing in the Home.

There has been no change in the arrangements as shewn in the Annual Report for 1940.

Treatment Centres, Clinics and Hospitals.

The following list summarises the various Health and Welfare services provided by the West Sussex County Council which were in operation during the year :-

Maternity and Child Welfare Centre - held at Arundel

Ante-Natal Clinics - held at Chichester and Littlehampton

School Clinic (Minor Ailments) - held at Arundel

Eye Clinic - held at Arundel, Chichester and Littlehampton

Aural Clinic - held at Chichester

Dental Clinic - held at Arundel and Chichester

Orthopaedic Clinic - held at Arundel and Chichester

Speech Therapy Clinic - held at Chichester

Tuberculosis Dispensary - held at Chichester

Venereal Diseases Clinic - held at Worthing Hospital

(A) Hospitals - Provided or maintained by the Arundel Borough Council.

(1) Infectious Diseases

The arrangement detailed in previous Reports for the maintenance of one bed at the Swandean Isolation Hospital, Worthing, has been continued.

(B) Provided or maintained by the West Sussex County Council.

(1) General Hospitals:-

- (a) St. Richard's Hospital, Chichester
(b) East Sussex County Council, Southlands
Hospital, Shoreham-by-Sea.

(2) Tuberculosis:-

- (a) Aldingbourne House Sanatorium
(b) Worthing Isolation Hospital
(c) Worthing Hospital

(3) Maternity:-

- (a) Royal West Sussex Hospital,
Chichester
- (b) Sussex Maternity and Women's
Hospital, Brighton.
- (c) East Sussex County Council, Southlands
Hospital, Shoreham-by-Sea.
- (d) Improvised Maternity Homes at Haslemere
and Hindhead.

(4) Sick Children:-

- (a) East Sussex County Council, Southlands
Hospital, Shoreham-by-Sea.
(b) St. Richard's Hospital, Chichester.

(5) Smallpox

- (a) Brighton Smallpox Hospital, Fulking,
by arrangement with the West Sussex
County Council and Brighton Corporation.

(C) Voluntary Hospitals

- serving the District:-
- (a) Royal West Sussex Hospital, Chichester.
 - (b) Arundel Cottage Hospital.

Section III.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply

There have been no new sources of public water supply or any extension of mains.

Arundel water is supplied by the Duke of Norfolk from a deep well on his estate near Swanbourne Lake. The water is sufficient in quantity and is chlorinated at the expense of the Local Authority.

During the year, 24 samples of water were submitted for bacteriological examination. Of the 12 samples of untreated water submitted, 3 were reported as showing a satisfactory degree of bacterial purity, whilst the remainder were stated to show a moderate degree of bacterial impurity, probably due to soil contamination, thus giving evidence of the continued need for efficient chlorination. Twelve samples of chlorinated water were taken from consumers taps - all showed a satisfactory degree of bacterial purity. Frequent colorimetric tests, using ortho-tolidine as the re-agent, have been made with the W. and T. Hellige Comparator, in order to test the efficiency of the chlorination process.

For the purpose of providing an emergency water supply in the event of the failure of normal supply through enemy action, a petrol pump has been installed at the Town Hall, which, in conjunction with wholesome supplies from existing wells and reservoir storage, would enable a rationed supply to be readily available for the population.

Drainage and Sewerage

No extensions to sewers or alterations in the method of treatment and disposal of sewage have been made during the year.

Rivers and Streams

No action has been taken to check the pollution of rivers and streams in the area.

Public Cleansing

Since the beginning of September, 1942, the collection of house refuse has been carried out fortnightly instead of weekly. No complaints, or evidence of nuisance have been noted. In addition, various kinds of salvage have been collected to help the War effort, thirty volunteer Salvage Stewards having assisted with the collection.

Shops Act, 1934

At the end of the year, there were 71 shops on the register. During the year 89 visits and inspections were made to premises on the register. As a result of these inspections, 10 defects were found, all of which were remedied.

Camping Sites

No sites in the area were used for camping purposes during 1942 and no licences were granted under Section 269 of the Public Health Act, 1936.

Smoke Abatement

There has been no need for action in this matter.

Swimming Baths and Pools.

The two swimming baths belonging to the Council have been in use during the year. One has been reserved for the use of military personnel, whilst the other has been open to the Public. Both were cleaned twice weekly and Voxsan used for purification.

Eradication of Bed-Bugs.

No house was found to be infested with bed-bugs.

Tents and Vans.

No tents, vans or sheds have been situate in the Borough and no action has been required during the year.

Rats and Mice.

As in previous years, poison baits were periodically laid on Town property, whilst the offer of payment of threepence per rat brought in was continued throughout the year, but the number of rats to be brought in under this arrangement was small. During the month of November a number of leaflets were distributed to owners of property.

Schools.

No major sanitary alterations have been carried out at either of the two schools in the Borough and neither were closed in consequence of infectious disease.

SANITARY INSPECTION OF THE AREA.

Details of Sanitary Work and Improvements under Public Health and Housing Acts.

No. of inspections in regard to Infectious Disease	47
No. of premises disinfected after Infectious Disease	9
No. of premises disinfected after cancer by request	-
No. of nuisances found to exist	7
No. of nuisances abated	7
Offensive accumulations found	3
Offensive accumulations removed	3
Defective W.C.s repaired	6
No. of choked drains cleared	7
No. of defective drains repaired	2
No. of ashbins provided	23
No. of defective windows repaired	4
No. of roofs repaired	4
No. of houses where guttering and rainwater pipes have been repaired	4
No. of defective walls and ceilings where plastering has been repaired	4
No. of damp walls treated, repointed or rendered	3
No. of floors repaired	4
No. of yard paving repaired	1
No. of cleansing and decorating	8

Summary :-

Total number of inspections made for all purposes	369
Total number of notices served:	
Informal	46
Statutory	-
Total number of summonses issued	-
Convictions obtained	-
Complaints received	4
Complaints found justified and dealt with	4

Section IV.

HOUSING.

Slum Clearance.

No action has been taken regarding slum clearance during the year.

Housing Statistics.

No new houses were erected in the Borough during the year.

1. Inspection of Dwelling Houses during the year :-

The continued heavy duties in connection with his various Civil Defence work have prevented the Inspector from carrying out any routine house inspections, but all specific requests and complaints have been investigated and suitable action taken. In this connection, 12 houses have been visited and informal notices issued in respect of 8 of these. All the defects in respect of which notices were issued have been remedied, and four without Notice being necessary.

2. Remedying of Defects during the Year without service of formal notices:

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers - 12

3. Action under Statutory Powers during the year:

No action was taken under any of the Sections of the Housing and Public Health Acts.

FACTORIES.

Inspections Made:

Factories with mechanical power ...	...	...	5
Factories without mechanical power	...	...	-
Workshops	...	...	26

No notices were served in respect of defects found at any of these factories or workshops.

Section V.

INSPECTION AND SUPERVISION OF FOOD

Milk Supply

Milk and Dairies Order, 1926

There are 4 farms in the district, and these accommodate approximately 145 cows. All the farms are supplied with water from a public source of supply.

Number of Dairymen (Cowkeepers and Milksellers) etc. in the district	7
Number of these registered as Wholesalers	2
Number registered as Retailers	4
Number of Dairymen exempt from registration by reason of not selling milk from their cows	1

Number of Inspections made:	
(1) Cowsheds	58
(2) Milkshops	12

Number of Inspections during milking time	16
Number of Contraventions of the Regulations found	8

Number of Premises found to require:-

(1) Cleansing and Limewashing	3
(2) Structural or Sanitary Improvements -	
(a) Manure Accumulations	2
(b) Repairs	3
(3) Other Contraventions	-

Number of these requirements carried out:

(1) Cleansing	3
(2) Structural or Sanitary Improvements	2

Sediment Tests:

Number of samples tested	7
Number of filters clean	7

Milk Sampling:

No samples were taken during the year.

Milk (Special Designations) Orders, 1931-33

The following licences have been granted during the year:-

(a) By Municipal Borough of Arundel	Nil
(b) By West Sussex County Council:-	
Producer's Licences:	
Accredited	3

Legal Proceedings.

It was not necessary to take any action under the Orders and Regulations during the year.

MEAT AND OTHER FOODS.

The two private slaughter houses in the Borough have remained closed during the year and supplies for local butchers have continued to be delivered from Littlehampton.

Four Pigs were killed with the consent of the Food Authority.

Inspection of butcher's shops or carts has been continued during the year and the following quantities of meat have been condemned and surrendered during the year :-

January	- 1 tin corned beef	6-lbs
February	- 1 -do-	6-lbs
March	- 2 tins -do-	6-lbs each
April	- 1 tin -do-	6-lbs
May	- 1 tin sausage meat	16-ozs.
May	- 7 tins pork sausage	24-ozs each
August	- 44-lbs beef	

Details of inspections carried out during the year are as follows :-

Number of inspections of butcher's shops	67
Number of inspections of vehicles and carts	36

One contravention of the Regulations, an accumulation of waste was found during the year. This was remedied on service of a notice.

Slaughter of Animals Act, 1933.

During the year, two renewal licences to slaughter animals were granted by the Local Authority.

Bread.

During the year, 48 inspections were made of the bake-houses in the Borough, which are four in number, none of them being underground. One notice was served in respect of the need for repairs to plaster and distempering and this was complied with.

Food and Drugs Act, 1938.

The following Table shows the number of samples taken by Officers of the County Council under the Food Adulteration Section of the Act, together with the results of the examinations :-

Description	No. of samples analysed	No. found genuine.	No. found not genuine.
New Milk	7	6	1 ϕ
Jam	1	1	-
Cocoa	1	1	-
Coffee	1	1	-
Sausage Meat	1	1	-
Yorkshire Pudding Mixture	1	1	-
Anti-Gas Ointment No.2	1	1	-
TOTALS	13	12	1

ϕ Sample found to be slightly deficient in fat. Further sample proved genuine.

In addition to the samples submitted to the Public Analyst as shown in the table above, 4 samples of milk produced in the Borough were tested by means of the Lactometer. In each case the result was satisfactory.

Watercress.

Three samples of water from watercress beds and two samples of cress washings have been bacteriologically examined. All the samples of water showed evidence of faecal pollution but the samples of cress washings were contaminated to a lesser extent.

Other Foods.

During the year, the following other foods were found to be unfit for human consumption and were surrendered :-

2-cwt.	Potatoes
14-lbs.	Oranges
4 tins.	Stewed steak - 16-ozs each.
1 tin.	Ready meal - 16-ozs.
3 tins.	Pineapple
1 tin.	Apples
1 tin.	Peas
3 tins.	Pilchards
1 tin.	Milk
1 tin.	Beans

1 tin.	Pilchards 15-ozs.
2 tins.	Milk 13-ozs. each.
24-lbs.	Strawberries
50	Oranges
4 tins.	Meat roll
2 tins.	Milk
3 tins.	Tomatoes
2 tins.	Beans
4 tins.	Peas

Section VI.

PREVALENCE AND CONTROL OF INFECTIOUS AND OTHER DISEASES.

There has been no increased prevalence of infectious or other diseases in the Borough during the year.

The following Tables give details of the cases of Infectious Diseases notified during the year 1942 :-

Disease	Cases notified	Cases admitted to Hospital	Deaths	0-1	-5	-10	-15	-20	-35	-45	-55	65-
Cerebro-spinal Fever	1	-	-	-	-	1	-	-	-	-	-	-
Diphtheria	1	-	-	-	-	-	-	1	-	-	-	-
Measles	2	-	-	-	-	-	1	1	-	-	-	-
Puerperal pyrexia	1	-	-	-	-	-	-	-	1	-	-	-
Acute Primary Pneumonia	2	2	1	-	-	-	-	1	-	1	-	-
Scarlet Fever	6	1	-	-	1	4	1	-	-	-	-	-
TOTALS	13	3	1	-	1	5	2	3	1	1	-	-

Disease	Total Cases	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cerebro-spinal Fever	1	-	-	1	-	-	-	-	-	-	-	-	-
Diphtheria	1	-	-	-	-	-	-	1	-	-	-	-	-
Measles	2	-	1	-	-	-	-	-	-	1	-	-	-
Puerperal pyrexia	1	-	-	-	-	-	-	1	-	-	-	-	-
Acute Primary Pneumonia	2	-	-	-	-	-	-	-	-	-	-	-	2
Scarlet Fever	6	2	2	1	1	-	-	-	-	-	-	-	-

Diphtheria.

One case of this disease was notified during the year as compared with four in 1941. The case was a mild one and the patient was not admitted to hospital.

Diphtheria Immunisation.

The immunisation campaign has continued during the year, 698 children of school age and 304 children under 5 years of age having received a complete course of injections.

At the end of the year, it was estimated that 95% of the children aged 5-15 years and 61% of the children aged 1-5 years had received a complete course of immunisation.

As in previous years, the immunisation was carried out by Medical Officers of the County Health Department.

Scarlet Fever.

During the year 6 cases of this disease have been notified as compared with 60 in 1941. Four of the cases occurred in January and February and these can be regarded as a continuation of the epidemic which occurred in the Borough during the last quarter of 1941.

All the cases notified during the year were mild in character and only one patient was admitted to hospital.

Erysipelas.

No cases were notified during the year as compared with three in 1941.

Measles.

Two cases of this disease occurred during the year as compared with 127 in 1941.

Acute Primary and Acute Influenzal Pneumonia.

During the year two cases of Acute Primary Pneumonia were notified as compared with four cases of Acute Primary Pneumonia and two cases of Acute Influenzal Pneumonia in 1941. Both cases were non-residents of Arundel and were admitted to hospital where they made good recoveries.

Enteric Fever and Dysentery.

No cases of these diseases were notified during the year, and no deaths were registered as due to these causes.

Whooping Cough.

No cases of this disease were notified during the year as compared with 29 in the previous year. No deaths were attributed to this cause.

Cerebro-Spinal Fever.

One case of this disease was notified during the year. The case was a mild one in character and the patient was not admitted to Hospital.

Non-notifiable Infectious Diseases.

Information regarding cases of non-notifiable infectious diseases is obtained from returns made by the Head Teachers of the Public Elementary Schools.

During the year three cases of Chickenpox were reported.

Cancer.

The number of deaths attributed to Cancer during the year was 5 as compared with 7 in 1941.

The ages and sex distribution of the five cases are given in the table below :-

Ages	Males	Females	Totals
0-15	1	-	1
15-65	-	-	-
65-75	1	2	3
75 and up	-	1	1
TOTALS	2	3	5

Localisation of the Disease

Buccal Cavity and Pharynx	...	Palate	1
Digestive organs and peritoneum		Stomach	1
Intestines	...	Rectum	1
Female Genital Organs	...	Ovary	1
Brain	...	...	1

Tuberculosis.

Notification Register of Tubercular Patients.

The following tables give details of the number of cases on the Tuberculosis Register, together with particulars of new cases of Tuberculosis and of deaths from the disease during the year 1942 :-

	Pulmonary Cases			Non-pulmonary Cases			Total Cases (all forms)		
	M	F	Total	M	F	Total	M	F	Total
1. No. on Register @ 1/1/42.	2	2	4	4	-	4	6	2	8
2. Cases previously removed and returning during 1942	-	-	-	-	-	-	-	-	-
3. New cases notified (or otherwise coming to knowledge) in 1942.	1	4	5	1	1	2	2	5	7
4. Cases removed from Register in 1942.	3	6	9	5	1	6	8	7	15
	2	-	2	1	-	1	3	-	3
5. No. on Register at 31.12.42.	1	6	7	4	1	5	5	7	12

New Cases and Mortality.

Age periods	New Cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 to 1	-	-	-	-	-	-	-	-
1 to 5	-	-	-	-	-	-	-	-
5 to 10	-	1	-	-	-	-	-	-
10 to 15	-	-	1	-	-	-	-	-
15 to 20	-	-	-	-	-	-	-	-
20 to 25	-	1	-	-	-	-	-	-
25 to 35	-	2	-	1	1	-	-	-
35 to 45	-	-	-	-	-	-	-	-
45 to 55	-	-	-	-	-	-	-	-
55 to 65	1	-	-	-	1	-	-	-
65 and upwards	-	-	-	-	-	-	-	-
TOTALS	1	4	1	1	2	-	-	-

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936, during the year.

Scabies.

This disease has not presented any acute problem in the Borough, only two cases having come to the notice of the Department during the year. Arrangements have, however, been made for the treatment of persons suffering from Scabies at the Health Office where a bathroom with hot water has been made available. The actual treatment is carried out by the District Nurse.

AMERICAN MEDICAL ASSOCIATION		JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION		PUBLISHED WEEKLY		CHICAGO, ILL.		MAY 1, 1913	
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
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