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1963

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BOROUGH OF SALTASH

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R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for

1963.

ACKD. BY  
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TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF SALTASH.

Your Worship, Ladies and Gentlemen,

The estimated population of No. 7. Health Area showed a small increase of 570, and was 50,340 on 30th June, 1963. Apart from an increase of 460 in the Torpoint Urban District the changes in the other County Districts were insignificant.

The national trend of a rising birth rate was evident in the Health Area where the corrected rate rose to 18.5. per 1,000 of population, the highest rate so far reached since I commenced to keep records in 1950. The excess of live births over deaths was 37, and amongst the 743 live births there were 40 illegitimate births which represents a percentage of 5.4% of all live births. This is a slight improvement on the 1962 figure of 5.6%, and is below the figure of 6.9% for England and Wales in 1963. The stillbirth rate of 14.6 per 1,000 total births is the lowest so far recorded in the Health Area and is below the national rate of 17.3. The infant mortality rate at 13.5. per 1,000 live births is also the lowest so far recorded and compares favourably with the national figure of 20.9. Of the 10 infants who died during 1963, no less than 6 failed to survive the first critical week of life.

During 1963, the number of deaths registered was 706 a very slight decrease of the 1962 total of 710. The corrected death rate of 12.3 per 1,000 of population was only marginally above the national rate of 12.2. The principal causes of death remained in the same order of frequency as in previous years. Heart disease was again the most prevalent cause of death, followed by cancer, strokes and respiratory disease in that order. That much publicised cause of sudden death - coronary heart disease - was responsible for 123 deaths rather more than the 110 deaths it caused in 1962. Of the defined forms of cancer that affecting the stomach caused 21 deaths, and was closely followed by cancer of the lung and bronchus which caused 20 deaths. In these 20 deaths the usual disparity between males and females continued - the mortality rate amongst males being almost six times that of females from this particular cancer. Breast cancer caused 15 deaths - a small reduction on the 1962 figure of 18 - but still quite high. If one pauses to consider that this form of cancer is for all practical purposes confined to approximately half the total population i.e. the female, the incidence in terms of people at risk is on a par with or may even exceed that of more notorious cancers such as that affecting the lung and windpipe. Indeed, the most recent report of the South Western Regional Cancer Records Bureau shows a very small difference in the incidence of lung cancer in men, and breast cancer in women. It is however worth remembering also that many breast cancers can be, and are brought under effective treatment at an early stage with very much improved prospects of cure than is the case with lung cancer. This is borne out by the fact that whereas the 5 year survival rate in breast cancer is currently about 42% that in lung cancer is no more than 4%. This means that lung cancer is a very much more virulent type of cancer, a fact which should underline, and add weight to the warnings which have been given in recent years about the strong link between excessive consumption of cigarettes and deaths from this form of cancer.

During 1963 the total number of cases of notifiable disease notified was 685. Although greater than the total of 459 for the previous year, the incidence of this form of disease can still be regarded as moderate. Measles which was prevalent in the St. Germans and Liskeard Rural Districts, and in Saltash Borough was responsible for the great bulk of the notifications received. There was a small outbreak of Sonne dysentery in the Torpoint Urban District towards the end of the year. This is a mild form of dysentery characterised by abdominal pain and diarrhoea. Because the disease is mild it is likely that many cases do not seek medical advice and treatment, and are not aware that they may be sources of infection to others in the home, at school, or at their place of work. Attention to personal hygiene with special emphasis on washing of hands after visiting the toilet would do much to limit the spread of this disease.

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Of the more serious infectious diseases there was one case of meningitis and two cases of encephalitis the latter occurring as complications of influenza, and of German measles. There were no deaths from notifiable disease during 1963.

I am glad to be able to report a fall in the prevalence of tuberculosis during the year when 11 cases in all were notified. This is a considerable reduction on the 1962 total of 28 cases, and it is in fact the lowest incidence recorded in the Health Area in the sixteen years I have been working in this part of Cornwall. Of the 11 new cases, 5 were non-respiratory infections, a rather higher proportion than one expects for this form of the disease, which also unusually affected more females than males in the ratio of 7 to 4. The trend in recent years for new tuberculous infections to be found in that section of the population aged 45 years and upwards was not so noticeable in 1963, although 5 of the 11 new infections were found in the 45-64 year age group. Whilst it is encouraging to be able to report this fall in new infections I am sure that we cannot jump to any hasty conclusion that tuberculosis as a disease is something which we can cease to worry about. Looking back over the incidence in the past sixteen years one is reminded of the fact that a year of low morbidity such as we experienced in 1963, can, for no apparent reason, be followed by an increase in the amount of tuberculous infection coming to light. I do feel that the incidence will in future years fall away to lower levels, but this decline will not be rapid or spectacular, and may well be interrupted from time to time by temporary upward trends in the prevalence of this disease. During the year one death only was attributed to tuberculosis. The case involved was a 77 year old man in whom I feel certain heart disease played a very large contributory part.

An increasing amount of the time and resources of welfare services and social agencies is nowadays directed to the care of elderly people. It is known that an increasing proportion of the community is composed of people aged 65 years and over, but it is only when a census is taken that the opportunity to precisely measure this figure presents itself. The detailed findings of the census taken towards the end of April 1961 are now to hand, and can be compared with corresponding figures for the 1951 census. As far as persons aged 65 years and over are concerned the number in the six County Districts in the Health Area increased from 7,339 in 1951 to 7,982 in 1961. If these totals are viewed in their relation to the total population it emerges that whereas in 1951 elderly people formed 13.9% of the population, this proportion had risen to 16.4% by 1961. This finding gives emphasis to the need to make special provision in various directions for the care and welfare of the older section of the community - whether by way of specially designed dwellings where they can continue to live happy independent lives, or by provision of more places in homes for those no longer able to care adequately for themselves, by organisation of ancillary services such as meals on wheels, chiropody, home visiting, and the formation of local committees and organisations to meet and serve the special needs of old people. All these special provisions have been and are being made in this Health Area and plans to increase and broaden their scope in the future are in hand at both District and County Council level. There are still some old people, who, living under unsatisfactory conditions, resist or reject efforts to improve their (lot but these are in the minority, and most are willing, even anxious to avail themselves of help.

With very few exceptions, the population in south east Cornwall is now very well served by piped water supplies of good quality and generally adequate in quantity. Improvement in the distribution system have provided more dependable supplies in districts which heretofore suffered from curtailment of supplies when the summer influx of visitors overtaxed local distribution systems. The stage has now been reached when, with a steadily increasing demand for water, the existing supply sources are being used to the limit, and further improvements and extension of supplies will depend on the exploration of new sources.

Progress continues to be made in providing modern methods of sewerage and sewage disposal, particularly to some of the larger villages and hamlets in the St. Germans and Liskeard Rural Districts. The slow progress towards the final approval of a scheme for the Borough of Liskeard continued but I feel confident that we are at last within sight of actual work commencing on this large and important project.





The Urban District Council at Looe is again examining various methods of dealing effectively with the pollution of the river and the foreshore by crude sewage, and I hope that, being aware of the serious and thoroughly unsatisfactory nature of the present state of affairs, the Council will decide to take appropriate measures to abate this long-standing nuisance in the not too distant future.

With higher standards of living there has been a gradual increase in the volume of household and trade refuse which has to be collected and disposed of by District Councils. It is in the latter aspect of this service - refuse disposal - that problems are looming ahead. As existing tips become filled it is becoming increasingly difficult, even in lightly populated parts of the Rural Districts, to find new sites suitable for refuse disposal. If ~~one~~ adds to this a more critical attitude on the part of the public to the use and control of refuse tips, the difficulty and expense of securing and transporting suitable covering material for use on the tip, and difficulties in obtaining sufficient and suitable men to work at this not very pleasant task, then something of the nature of the problem may be apprehended. My own feeling is that at present we are not spending enough on this essential service to make it as efficient and free of nuisance as sometimes happens when local resources fail to measure up to the task in hand. Indeed there may be some case for collaboration between neighbouring County Districts particularly in the utilisation and operation of refuse tipping sites. Certainly, if and when more elaborate and costly methods for disposal of refuse have to be used e.g. the composting system, the capital cost and operational costs of such methods are likely to be too high for a single District Council to bear.

With the gradual growth of proper methods of sewage disposal the disposal of sludge from sewage treatment works is showing up as something of a problem and is one which is bound to increase as new schemes are completed, and the amount of sludge to be disposed of increases. This material although of considerable value as a type of organic fertiliser to landowners, is not pleasant to handle and does carry with it some risk of introducing disease into land. In consequence farmers and others who might make use of it are not very keen to collect and use it. This is an additional reason for considering the composting system which, by using certain elements of household refuse together with sewage sludge, can produce a compost which is of value to and is readily accepted by those in agriculture and horticulture.

In concluding this general preface I should like to express to Members and Officers of all the District Councils in No. 7 Health Area my gratitude for the help and understanding I have received from them during the year.

I have the honour to be,

Your obedient Servant,

P.J. FOX

Medical Officer of Health,





STAFF

-oOo-

MEDICAL OFFICER OF HEALTH

P. J. FOX,  
M.B., B.Ch., B.A.O., D.P.H.

Health Area Office, West Street, Liskeard, Cornwall.  
Telephone - Liskeard 3373.

PUBLIC HEALTH INSPECTOR

J. MARTIN,  
M.A.P.H.I., M.R.S.H.

Church House, Saltash, Cornwall.  
Telephone - Saltash 3190.

CLERK

P.M. EVANS, (Mrs).

OPERATIVE

T. M. KELLY.



1911

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# SECTION A.

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area of the Borough	6,257 acres.
Registrar General's estimate of resident population	7,520
Number of inhabited houses	2,512
Rateable value	£215,463
Estimated product of panny rate	£372

### Vital Statistics for 1963.

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Live Births	60	48	108

	<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>	<u>England &amp; Wales</u>
Birth rate per 1,000 of population	16.4	16.5	18.2

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Still births	1	1	2

	<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>	<u>England &amp; Wales</u>
Still birth rate per 1,000 total births	18.2	14.6	17.3

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Deaths	62	53	115

	<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>	<u>England &amp; Wales</u>
Death rate per 1,000 of population	14.3	12.3	12.2

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Deaths of infants under one year of age	1	2	3

	<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>	<u>England &amp; Wales</u>
Infant mortality rate per 1,000 live births	27.8	13.5	20.9

### Principal Causes of Deaths at all Ages:

Heart Disease	45
Cancer (all sites)	21
Stroke	16
Respiratory disease	16

There was a small excess of deaths over live births and the birth rate was below average, with the death rate above average. The four principal causes of deaths, which accounted for 85% of all deaths, were all more prevalent than in 1962. Of those who died during the year 49% had reached or exceeded the age of 75 years at the time of death.





SECTION B.

GENERAL PROVISION OF HEALTH SERVICES  
FOR THE AREA

1. Particulars of the Public Health Officers of the Authority:

These particulars are incorporated at the beginning of the report.

There were no changes in the Department's staff during the year under review.

2. Committees:

All Public Health matters are dealt with by the Public Health Committee of the Borough Council.

3. National Assistance Act, 1948, Section 47:

No action under this section was called for during the year.

4. National Assistance Act, 1948, Section 50:

One burial was arranged under this section during the year.



SECTION 2

GENERAL PRINCIPLES OF THE ACT

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## SECTION C.

### PUBLIC HEALTH CIRCUMSTANCES OF THE AREA.

#### 1. Water Supply:

##### (a) Quality:

The quality of mains water supplied to the Borough continued to be highly satisfactory. Samples for bacteriological examination were taken regularly by the Public Health Inspector, the results being as follows:

##### Satisfactory:

25

##### Unsatisfactory:

1

A small number of dwellings in remote parts of the Borough still obtain their supplies from shallow wells. A total of 3 samples was taken from these supplies and in every case a high degree of contamination was demonstrated.

##### (b) Quantity:

An ample quantity of water continued to be available and no restrictions were placed on its use.

##### (c) Plumbo-Solvency:

The total hardness of mains water varies from 1-3 p.p.h.t. The water has little or no action on lead and no cases of lead poisoning were reported.

##### (d) Proportion of Population Supplied from Public Water Mains:

Except for one or two isolated dwellings the whole of the Borough is now provided with a mains water supply. The proportion of the population supplied by means of stand-pipes is negligible.

#### 2. Drainage:

The Department continued to exercise careful control over the construction of new drainage systems within the Borough. Three hundred and twenty visits were made by the Public Health Inspector in connection with drainage and five hundred and ninety tests were applied.

#### 3. Sewerage:

A start was made on the ~~Heardes~~<sup>Wearde</sup> sewerage scheme which will open up approximately fifty acres of land for development and provide means of drainage for the new Grammar School. The total capital cost of this scheme including the new sewage disposal works at Coombe is £60,000.

#### 4. Sewage Disposal:

The disposal of sewage continued to be effected by means of five outfalls into the River Tamar and one outfall into the River Lynher. With the exception of the Salt Mill outfall, crude untreated sewage is discharged.

A start was made, however, on the construction of a new sewage disposal works at Coombe. This works is intended initially to receive sewage from the ~~Wearde~~<sup>Wearde</sup> sewerage scheme but will ultimately deal with sewage diverted from three of the existing outfalls. Work also commenced on the preparation of a scheme for a new sewage disposal works at Forder.

#### 5. Closet Accommodation:

No conversions from earth closets to water closets were carried out during the year.



PHYSIC HEALTH SURVEILLANCE OF THE AREA

1. Water Supply

(a) Supply

The quality of water supply is the primary concern in the health surveillance. The quality of water supply is the primary concern in the health surveillance. The quality of water supply is the primary concern in the health surveillance.

Water Supply

Water Supply

1

2

A small number of dwellings in the area of the health surveillance obtain their water supply from shallow wells. A total of 5 dwellings were found from these wells and in every case a high degree of contamination was demonstrated.

(b) Quantity

An adequate quantity of water is available to the community and no restrictions were placed on its use.

(c) Distribution

The total quantity of water supply varies from 1-2 p.m. The water has little or no effect on the use of the water supply.

(d) Distribution of Water Supply in the Area

Except for one of the health surveillance areas of the health surveillance, the water supply is adequate. The population of the health surveillance is supplied by means of a water supply system.

2. Drainage

The drainage system is adequate to dispose of the waste water. The drainage system is adequate to dispose of the waste water. The drainage system is adequate to dispose of the waste water.

3. Sewerage

A sewerage system is in operation in the health surveillance area. The sewerage system is adequate to dispose of the waste water. The sewerage system is adequate to dispose of the waste water.

4. Sanitation

The standard of sanitation is adequate to dispose of the waste water. The standard of sanitation is adequate to dispose of the waste water. The standard of sanitation is adequate to dispose of the waste water.

A sewerage system is in operation in the health surveillance area. The sewerage system is adequate to dispose of the waste water. The sewerage system is adequate to dispose of the waste water.

5. Other Sanitation

In other areas of the health surveillance, the standard of sanitation is adequate to dispose of the waste water. The standard of sanitation is adequate to dispose of the waste water.

## 6. Public Cleansing:

### (a) Refuse Collection:

Refuse collection in the Borough continued to be carried out in a satisfactory manner. The collection is made by means of one rear loading "fore and aft" tipper and collections are carried out once fortnightly in outlying areas, once weekly in the central area and twice weekly in the case of food shops.

Rapid development of the Borough is placing an increased burden on this single vehicle and it is becoming obvious that additional facilities will soon have to be provided.

### (b) Refuse disposal:

Refuse continued to be disposed of by controlled tipping at the Salt Mill Tip. Every effort was made to comply with Government recommendations in respect of controlled tipping and regular measures were taken to eradicate insect pests and rodents.

Work continued on the construction of a bund enclosing the eastern part of Salt Mill creek. This bund will ultimately enclose an area of 17½ acres and will provide tipping facilities for approximately 20 years.

### (c) Salvage:

The recovery and collection of textiles and metals continued during the year, the total receipts for the sale of these materials for the period 1st April, 1963 to 31st March, 1964 being £132 5s. 0d.

### (d) Street Cleansing:

Street cleansing continued to be carried out in a regular and efficient manner. The frequency varies from twice daily to once weekly according to the type of street.

### (e) Cesspool Emptying:

The emptying of cesspools is carried out by arrangement with a neighbouring authority:

## 7. Public Conveniences:

Male and female public conveniences are provided at:

Burraton Sports Field.  
Longstone Park.  
St. Stephens; and  
Warfelton Sports Field.

Work started on the construction of new male and female conveniences in the Alexandra Square car park.

## 8. Public Health Inspection of the Area:

The inspection of all districts continued to be carried out regularly by the Public Health Inspector, the following specific visits and inspections being made:

	No.
Individual unfit houses	46
Houses in proposed clearance areas	15
Moveable dwellings	2
Council houses	73
Overcrowding	1
Applicants for Council houses	56





	No.
B/Fwd.	223
Council house exchanges	9
Lodger applications	14
Improvement grants	44
Rent arrears	56
Shed control	22
Grocers' shops	9
Greengrocers' shops	2
Butchers' shops	4
Fishmongers' shops	1
Ice-cream premises	7
Cafes, etc.	2
Meat inspection	86
Slaughterhouses	3
Food inspection	5
Food complaints	1
Food poisoning	1
Water supply	26
Ditches, streams, etc.	1
Factories	14
Burial of the dead	1
Outworkers	2
Drainage	320
Sewerage	47
Sewage disposal	19
Diseases of animals	1
Keeping of animals	2
Rodent control	1
Offensive accumulations	4
Offensive odours	2
Noise nuisances	2
Petroloum spirit	10
	<u>941</u>
Other visits (unclassified)	<u>116</u>
	1,057
	<u>=====</u>

#### 9. Factories Act, 1961:

Co-operation continued to be maintained with H.M. Inspector of Factories in the exercise of the provisions of this Act.

The following table gives the number of factories in the Borough and details of inspections made by the Public Health Inspector. No defects were discovered.

#### INSPECTIONS.

Premises	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted
(i) Factories in which sections 1,2,3,4, and 6 are to be enforced by the Local Authorities	4	4	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	11	10	-	-
C/Fwd.	15	14	-	-



B/Fwd.	15	14	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out- workers premises)	5	-	-	-
Total:	20	14	-	-

10. Outworkers:

One outworker was employed in the Borough during the year. Visits revealed that the working conditions in this case were satisfactory.

11. Pet Animals Act, 1951:

No premises were licensed under this Act during the year.

12. Insect Control:

The Department continued to provide a service for the destruction of insect pests. The following table gives details of treatments carried out:

<u>Type of Infestation:</u>	<u>No. of Treatments:</u>
Beetles	6
Wasps	20
Hornets	1
Fleas	2
Ants	4
Flies	4
Woodworm	9
	<u>46</u>

13. Rodent Control:

The control of rodents continued to be carried out on the lines laid down by the Ministry of Agriculture, Fisheries and Food under the supervision of the Public Health Inspector.

During the year six hundred and fifty seven inspections were made by the Operative, two hundred and seventy four infestations being discovered. A successful treatment was carried out in the case of each infestation.





## SECTION D.

### HOUSING

#### 1. Demolition of Unfit Houses:

##### (a) Clearance Areas:

On the 13th day of August, 1963 the Borough Council declared two further areas to be clearance areas namely - The Waterside Clearance Area No. 5. (comprising nine houses) and the Waterside Clearance Area No. 6. (comprising nine houses). A compulsory purchase order was subsequently made in respect of both areas.

##### (b) Individual Unfit Houses:

No individual unfit houses were demolished during the year.

#### 2. Closure of Unfit Houses:

No houses were closed for the purpose of human habitation.

#### 3. Repair of Unfit Houses:

Two houses were rendered fit as a result of informal action by the Council.

#### 4. Certificates of Disrepair:

No applications for the issue or revocation of certificates of disrepair were received by the Council during the year.

#### 5. Improvement Grants:

##### (a) Discretionary Grants:

In the period 1st April, 1963 to 31st March, 1964 one discretionary grant was made by the Council, the grant amounting to £286 17s. 2d.

##### (b) Standard Grants:

In the period 1st April, 1963 to 31st March, 1964 seven standard grants were made by the Council, the grants totalling £705 5s. 6d.

#### 6. New House Construction:

##### (a) Local Authority:

Two new maisonettes were built.

At the end of the year the Council possessed 576 houses made up as follows:

	<u>No.</u>
One bedroom flats	40
Two bedroom flats	113
Three bedroom flats	9
Prefabricated houses	39
Two bedroom houses	50
Three bedroom houses	269
Four bedroom houses	6
	-----
	576
	=====

1. Summary of the Report

(a) General Summary

On the 15th day of January, 1955 the Senate Committee declared the following items to be of interest to the Senate Committee: (1) The Senate Committee (including the Senate) and the House Committee (including the House) are authorized to conduct a study of the activities of the Senate Committee and the House Committee during the year.

(2) Individuals

The individuals who were identified during the year.

2. Summary of the Report

The House Committee during the year of Senate Committee.

3. Summary of the Report

The House Committee during the year of Senate Committee.

4. Summary of the Report

The House Committee during the year of Senate Committee.

5. Summary of the Report

(a) Summary of the Report

The House Committee during the year of Senate Committee.

(b) Summary of the Report

The House Committee during the year of Senate Committee.

6. Summary of the Report

(a) Summary of the Report

The House Committee during the year of Senate Committee.

At the end of the year the Senate Committee was authorized to conduct a study of the activities of the Senate Committee and the House Committee during the year.

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(b) Private:

Sixty five private dwellings were erected in the Borough during the year.

Since the relevant findings were made in the course of the

## SECTION E.

### INSPECTION AND SUPERVISION OF FOOD.

#### 1. Milk:

Milk supplied to the town continued to be obtained from several private producers and from a large pasteurising establishment. The supervision of the production of milk on farms continues to be in the hands of the Ministry of Agriculture, Fisheries and Food. The pasteurising establishment is inspected and controlled by officers of the County Council.

#### 2. Meat:

##### (a) Slaughterhouses:

One slaughterhouse is licensed in the Borough. The building complies with the Slaughterhouse (Hygiene) Regulations, 1958 and the Slaughterhouses (Prevention of Cruelty) Regulations, 1958 and is maintained in a highly satisfactory condition.

##### (b) Slaughtermen:

Five men were licensed to slaughter animals.

##### (c) Meat Inspection:

All animals slaughtered were inspected according to the method and criteria of meat inspection recommended by the Meat Inspection Regulations, 1963. The following table gives details of animals slaughtered and inspections made during the year.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	118	-	-	138	-	-
Number inspected	118	-	-	138	-	-
<u>ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCOSIS:</u>						
Whole carcasses condemned:	-	-	-	-	-	-
Carcasses of which some part or organ was condemned:	6	-	-	1	-	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticercosis:	5	-	-	0.7	-	-



# SECTION 1 INVESTIGATION AND RESEARCH OF THE

1. Title

This report is the first of a series of reports to be published from the results of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States. The results of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States are presented in this report.

2. Summary

## (a) Introduction

The investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States is presented in this report. The results of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States are presented in this report.

## (b) Objectives

The objectives of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States are presented in this report.

## (c) Methodology

The methodology of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States is presented in this report. The results of the investigation and research conducted by the Department of the Interior, Bureau of Land Management, in the field of the management and control of the public lands of the United States are presented in this report.

Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	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TUBERCULOSIS ONLY:

Whole carcasses condemned:	-	-	-	-	-	-
Carcasses of which some part or organ was condemned:	-	-	-	-	-	-
Percentage of the number inspected affected with tuberculosis:	-	-	-	-	-	-

CYSTICERCOSIS ONLY:

Carcasses of which some part or organ was condemned:	1	-	-	-	-	-
Carcasses submitted to treatment by refrigeration:	1	-	-	-	-	-
Generalised and totally condemned:	-	-	-	-	-	-

3. Ice-cream:

Twenty three premises are registered under Section 16 of the Food and Drugs Act, 1955 for the storage and sale of ice-cream and one for the manufacture storage and sale of ice-cream.

Twelve samples of ice-cream were taken and submitted for bacteriological examination. The results in each case were satisfactory.

4. Other Foods:

The following food-stuffs were inspected, found to be unfit for human consumption and were surrendered voluntarily:

	lbs.	ozs.
Canned meat	163	8
Canned fruit	373	15
Canned vegetables	47	15
Canned fish	29	1
Crean	6	10
Canned pudding	5	7
Canned milk	17	12
Total:	<u>644</u>	<u>4</u>

During the previous year (1962) the amount of food found to be unfit (other than meat at the Slaughterhouse) was 238 lbs. 11 ozs. There was thus an increase during the year under review of 406 lbs. 9 ozs.

5. Food Premises:

(a) The number of Food Premises in the Area by type of business:





Grocers	25
Bakers and confectioners	5
Dutchers	8
Cafes and restaurants	3
Fish fryers	3
Fish-mongers	3
Greengrocers	4
Dairies	1
Distributors of milk	16
Licensed premises	10

(b) The number of Food Premises by type, registered under the Food and Drugs Act, 1955, Section 16:

(i) Ice-cream:

Grocers	14
Bakers	3
Cafes	3
Mixed premises	2
	<u>22</u>

(ii) Other:

Butchers (Sausage Making)	8
Fish-fryers	3
	<u>11</u>

6. Educational Activities:

No new educational activities were undertaken during the year.

7. Method and Disposal of Unfit Food:

Unfit food continues to be disposed of by burial at the Salt Hill tip. Meat found to be unfit at the Slaughterhouse is stained with liquid acid green before removal.

8. Food Poisoning Outbreaks:

No cases of food poisoning were notified during the year.

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2  
1

10  
9  
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1

(b) The number of persons in the household under the age of 18 and over 65, 1970, Census 10

(1) 1970

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(2) 1970

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Estimated population

In the above table, population was estimated during 1970.

United States Census Bureau

With this estimate to be reported to the Bureau of the Census, the Bureau of the Census is required to report to the Bureau of the Census the estimated population of the United States during 1970.

United States Census Bureau

In the above table, population was estimated during 1970.

## SECTION F.

### PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

#### 1. Notifiable Diseases (other than Tuberculosis):

Because of an outbreak of measles during June, July and August, the prevalence of notifiable disease was moderate during 1963. Of the total of 268 cases, measles was responsible for 240 cases, and the incidence of other notifiable diseases was correspondingly light. None of the more serious types of infectious disease occurred, and there were no deaths from this group of diseases.

The following are details of cases, and case rates of notifiable disease during 1963:

<u>Disease</u>	<u>Cases</u>	<u>Rate per 1,000 of population</u>	
		<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>
Measles	240	33.10	11.58
Pneumonia	11	1.52	0.79
Erysipelas	9	1.24	0.20
Whooping cough	4	0.55	0.10
Scarlet fever	3	0.41	0.20
Dysentery (Sonne)	1	0.14	0.56

#### 2. Tuberculosis:

The number of new cases notified during 1963 was 3, the same as in the previous year. Of these new cases, 2 were non-respiratory infections, and one was a respiratory infection. Contrary to recent experience with this disease which has tended to affect middle aged and older people, all three cases in this instance were below the age of 45 years. There were no deaths from tuberculosis during 1963.

The following are details of new cases and case rates during the year:

<u>Age Group</u>	<u>New Cases:</u>	
	<u>M</u>	<u>F</u>
0 - 4	-	-
5 - 14	-	1
15 - 24	-	1
25 - 44	1	-
45 - 64	-	-
65 and over	-	-
	<u>1</u>	<u>2</u>

#### Rate per 1,000 of population

	<u>Saltash M.B.</u>	<u>Health Area No. 7.</u>
New cases	0.41	0.22
All known cases	4.55	4.25
Deaths	-	0.02

At the end of 1963 there were 29 known cases of respiratory tuberculosis and 4 known cases of non-respiratory tuberculosis resident in the Borough.





APPENDIX 1.PRINCIPAL CAUSES OF DEATH -ALL AGES- 1963

DISEASE	ST. GERMANS R.D.	LISKEARD R.D.	SALTASH M.B.	TORPOINT U.D.	LISKEARD M.B.	LOOE U.D.	HEALTH AREA NO. 7.
Heart disease	74	76	45	14	44	22	275
Cancer (all sites)	34	30	21	10	17	11	123
Vascular lesions of nervous system (stroke)	34	20	16	10	21	6	107
Respiratory disease	20	20	16	10	6	3	75
Circulatory disease	12	6	3	1	4	-	26
Accidents	6	2	2	-	2	1	13
Suicide	4	2	-	1	1	-	8
Digestive disease	3	-	1	-	-	2	6
Genito-urinary disease	1	4	1	-	-	-	6

APPENDIX 2.TYPES OF HEART DISEASE AND CANCER CAUSING DEATH - 1963

TYPE OF DISEASE	ST. GERMANS R.D.	LISKEARD R.D.	SALTASH M.B.	TORPOINT U.D.	LISKEARD M.B.	LOOE U.D.	HEALTH AREA No.7.
Coronary disease, angina	39	29	21	9	13	12	123
Hypertension with heart disease	5	5	2	-	3	-	15
Other heart disease	30	42	22	5	28	10	137
Cancer of stomach	3	6	3	2	6	1	21
Cancer of breast	8	2	-	3	1	1	15
Cancer of lung and bronchus	7	6	2	1	2	2	20
Cancer of uterus	-	-	3	-	1	-	4
Other cancers	16	16	13	4	7	7	63

APPENDIX 3.DEATHS BY AGE GROUPS - 1963

DISTRICT	0 - 4 Years	5 - 14 Years	15 - 44 Years	45 - 64 Years	65 - 74 Years	75 years & Over	ALL AGES
ST. GERMANS R.D.	4	1	5	40	52	109	211
LISKEARD R.D.	3	-	11	28	54	83	179
SALTASH M.B.	4	1	3	22	29	56	115
TORPOINT U.D.	-	-	2	9	12	28	51
LISKEARD M.B.	1	-	-	14	25	62	102
LOOE U.D.	-	-	2	9	13	24	48
HEALTH AREA NO. 7.	12	2	23	122	185	362	706



APPENDIX 4.TUBERCULOSISNEW CASES AND DEATHS IN HEALTH AREA NO. 7. - 1963

<u>AGE GROUP</u>	<u>NEW CASES</u>		<u>DEATHS</u>	
	<u>M</u>	<u>F</u>	<u>M</u>	<u>F</u>
0 - 4 YEARS	-	-	-	-
5 - 14 YEARS	-	1	-	-
15 - 24 YEARS	1	2	-	-
25 - 44 YEARS	2	-	-	-
45 - 64 YEARS	1	4	-	-
65 YEARS AND OVER	-	-	1	-
	<u>4</u>	<u>7</u>	<u>1</u>	<u>-</u>
	<u>MALES</u>		<u>FEMALES</u>	<u>TOTAL</u>
NEW CASE RATE PER 1,000 OF POPULATION	0.08		0.14	0.22
MORTALITY RATE PER 1,000 OF POPULATION	0.02		-	0.02

CASE RATES AND MORTALITY RATES PER 1,000 OF POPULATION IN THE SIX  
COUNTY DISTRICTS IN HEALTH AREA NO. 7. - 1963.

<u>DISTRICT</u>	<u>NEW CASES</u>	<u>ALL KNOWN CASES AT 31.12.63</u>	<u>DEATHS</u>
ST. GERMAN'S R.D.	0.07	3.73	0.07
LISKEARD R.D.	0.15	4.05	-
SALTASH M.B.	0.41	4.55	-
TORPOINT U.D.	-	4.71	-
LISKEARD M.B.	0.88	6.78	-
LOOE U.D.	0.27	5.33	-
HEALTH AREA NO. 7.	0.22	4.25	0.02
CORNWALL COUNTY	0.36	5.17	0.08

APPENDIX 5.CANCER OF THE LUNG AND BRONCHUSDEATHS BY AGE GROUPS - 1963

<u>AGE GROUP</u>	<u>MALES</u>	<u>FEMALES</u>
45 - 54 YEARS	4	-
55 - 64 YEARS	6	-
65 - 74 YEARS	7	2
75 YEARS AND OVER	-	1
	<u>17</u>	<u>3</u>

DEATH RATE PER 1,000 OF POPULATION - 1963

	<u>MALES</u>	<u>FEMALES</u>	<u>TOTAL</u>
HEALTH AREA NO. 7	0.338	0.060	0.398
CORNWALL COUNTY	0.305	0.091	0.396
ENGLAND AND WALES	0.441	0.078	0.519



# TABLE 1 SUMMARY OF THE DATA FOR THE FIRST 100 YEARS OF THE LIFE OF THE FISHES OF THE ATLANTIC OCEAN

AGE	SEX	LENGTH	WEIGHT
0 - 1 YEAR	1	1.0	1.0
1 - 2 YEARS	2	2.0	4.0
2 - 3 YEARS	3	3.0	9.0
3 - 4 YEARS	4	4.0	16.0
4 - 5 YEARS	5	5.0	25.0
5 - 6 YEARS	6	6.0	36.0
6 - 7 YEARS	7	7.0	49.0
7 - 8 YEARS	8	8.0	64.0
8 - 9 YEARS	9	9.0	81.0
9 - 10 YEARS	10	10.0	100.0

AGE	SEX	LENGTH	WEIGHT
10 - 11 YEARS	11	11.0	121.0
11 - 12 YEARS	12	12.0	144.0
12 - 13 YEARS	13	13.0	169.0
13 - 14 YEARS	14	14.0	196.0
14 - 15 YEARS	15	15.0	225.0
15 - 16 YEARS	16	16.0	256.0
16 - 17 YEARS	17	17.0	289.0
17 - 18 YEARS	18	18.0	324.0
18 - 19 YEARS	19	19.0	361.0
19 - 20 YEARS	20	20.0	400.0

## TABLE 2 SUMMARY OF THE DATA FOR THE NEXT 100 YEARS OF THE LIFE OF THE FISHES OF THE ATLANTIC OCEAN

AGE	SEX	LENGTH	WEIGHT
20 - 21 YEARS	21	21.0	441.0
21 - 22 YEARS	22	22.0	484.0
22 - 23 YEARS	23	23.0	529.0
23 - 24 YEARS	24	24.0	576.0
24 - 25 YEARS	25	25.0	625.0
25 - 26 YEARS	26	26.0	676.0
26 - 27 YEARS	27	27.0	729.0
27 - 28 YEARS	28	28.0	784.0
28 - 29 YEARS	29	29.0	841.0
29 - 30 YEARS	30	30.0	900.0

## TABLE 3 SUMMARY OF THE DATA FOR THE NEXT 100 YEARS OF THE LIFE OF THE FISHES OF THE ATLANTIC OCEAN

AGE	SEX	LENGTH	WEIGHT
30 - 31 YEARS	31	31.0	961.0
31 - 32 YEARS	32	32.0	1024.0
32 - 33 YEARS	33	33.0	1089.0
33 - 34 YEARS	34	34.0	1156.0
34 - 35 YEARS	35	35.0	1225.0
35 - 36 YEARS	36	36.0	1296.0
36 - 37 YEARS	37	37.0	1369.0
37 - 38 YEARS	38	38.0	1444.0
38 - 39 YEARS	39	39.0	1521.0
39 - 40 YEARS	40	40.0	1600.0

## TABLE 4 SUMMARY OF THE DATA FOR THE NEXT 100 YEARS OF THE LIFE OF THE FISHES OF THE ATLANTIC OCEAN

AGE	SEX	LENGTH	WEIGHT
40 - 41 YEARS	41	41.0	1681.0
41 - 42 YEARS	42	42.0	1764.0
42 - 43 YEARS	43	43.0	1849.0
43 - 44 YEARS	44	44.0	1936.0
44 - 45 YEARS	45	45.0	2025.0
45 - 46 YEARS	46	46.0	2116.0
46 - 47 YEARS	47	47.0	2209.0
47 - 48 YEARS	48	48.0	2304.0
48 - 49 YEARS	49	49.0	2401.0
49 - 50 YEARS	50	50.0	2500.0



