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BOROUGH OF PORT TALBOT



Annual Report

of the

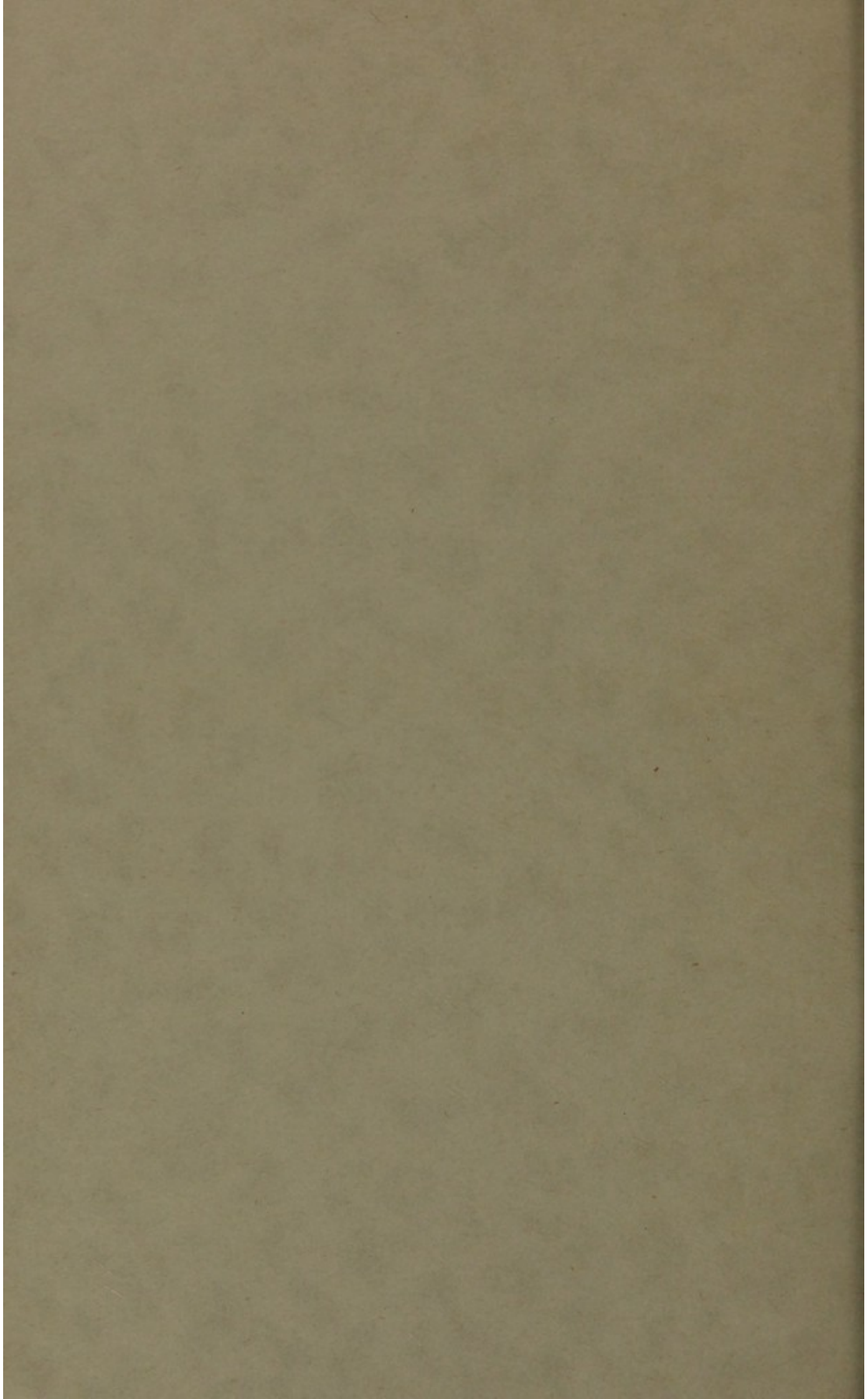
Medical Officer of Health

and the

Chief Public Health Inspector

For the Year ended 31st December

1970





BOROUGH OF PORT TALBOT

Annual Report

of the

Medical Officer of Health

For the Year ended 31st December

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STAFF

Medical Officer of Health.

D. H. J. WILLIAMS, M.R.C.S., L.R.C.P., D.P.H. (also Medical Officer of Health, Glyncorrwg Urban District Council and Divisional Medical Officer, Glamorgan County Council).

Chief Public Health Inspector (Retired 5/7/70)

L. J. CARTER (C.S.I.B., as Public Health Inspector and C.R.S.H. as Meat and Food Inspector). Fellow Association of Public Health Inspectors.

Chief Public Health Inspector (Appointed 6/7/70)

I. G. HEYCOCK (C.S.I.B. as Public Health Inspector and C.R.S.H. as Meat and Food Inspector). Member Association of Public Health Inspectors.

Deputy Chief Public Health Inspector (Appointed 6/7/70)

L. MORGAN (C.S.I.B., as Public Health Inspector and C.R.S.H. as Meat and Food Inspector, also Diploma as Smoke Inspector of Royal Society of Health. Member Association of Public Health Inspectors).

Senior Public Health Inspectors (Appointed 6/7/70).

W. CORNELIUS (C.S.I.B. as Public Health Inspector and C.R.S.H. as Meat and Food Inspector, also Diploma as Smoke Inspector of Royal Society of Health. Member Association of Public Health Inspectors).

J. G. ROWLANDS (C.S.I.B. as Public Health Inspector and C.R.S.H. as Meat and Food Inspector. Member Association of Public Health Inspectors).

Additional Public Health Inspectors

K. D. RATTENBURY (C.P.H.I.E.B. as Public Health Inspector and C.R.S.H. as Meat and Food Inspector. Diploma as Smoke Inspector of Royal Society of Health, Member Association of Public Health Inspectors).

J. L. COOMBS (C.S.I.B. as Public Health Inspector and C.R.S.H. as Meat and Food Inspector. Member Association of Public Health Inspectors).

K. SNOOK (Diploma Public Health Inspectors Examination Board. Member Association of Public Health Inspectors).

Administrative Assistant.

D. CROWLEY

Student Public Health Inspectors.

K. CLEMENT (Terminated 30/9/70)

G. ELMS

M. MURPHY

A. C. JONES (Appointed 10/9/70)

Authorised Meat Inspector.

W. T. Murphy (Appointed 27/7/70)

Typists.

Mrs. S. GEORGE (Senior) (Terminated 30/9/70)

Miss E. PEARSON

Miss K. WILLIAMS (Appointed 2/12/70)

Drain Tester and Disinfector.

L. GEORGE.

Rodent Operators.

T. D. REES (Senior).

P. HUGHES (Terminated 31/7/70)

K. MAINWARING.

J. WILLIAMS

D. REES (Terminated 27/7/70)

P. MUNDY (Appointed 9/6/70)

J. L. DAVIES (Appointed 9/10/70)

**REPORT OF THE MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1970**

Mr. Mayor, Ladies and Gentlemen,

It is my privilege and pleasure to present for your consideration the Annual Report of the Medical Officer of Health for the year 1970. The report has been prepared in accordance with Circular 1/71 from the Health Department of the Welsh Office.

I am pleased to be able to report in the section relating to General and Vital Statistics that there were no deaths associated with pregnancy but in view of the considerable interest and concern felt for infantile mortality statistics I have this year revised the presentation of the infantile mortality details in the body of the report. The date of death, sex, age, the cause of death and the ward location is given in tabulated form.

In an endeavour to strike out the rate of infantile mortality, regular peri-natal investigation meetings are held at Neath General Hospital. I am the convening Secretary of this group which is composed of Obstetric and Paediatric Consultants, representatives of the General Practitioner Service and the Local Health Authority, including medical officers, mid-wives and nursing staff. At this meeting a full investigation is carried out into all the factors leading up to the death of each infant. To date no single causative factor has been found although much has been learned by the group on the problems relating to birth and the survival of the infant.

Cancer of the lung continues to be on the increase but on this occasion I would draw your attention to a reversal of last year's trend in as much as the death rate amongst males has elevated but that amongst females has dropped.

There is also a drop in the notification of infective jaundice. Members may recall that last year when infective jaundice became notifiable there was a high notification rate but this has not been sustained.

I am sorry to have to report that all campaigns towards the protection of children against measles have had disappointing results. Only 302 children were vaccinated against measles during the period under review. This may be due to a certain apathy amongst parents and possible apprehension at the introduction of a live virus as a means of effecting an immunity level. The actual notification of measles dropped this year to 318 but the true value of prophylactic immunisation can only be appraised following next year's epidemic (if any).

The Crematorium which was opened last year and which is administered by the Borough Council on behalf of the four joint Authorities of Port Talbot, Glyncoirwg, Maesteg and Porthcawl, has proved its worth and need in the community. A total of 1,104 cremations were carried out during the year. The number of cremations were perhaps inflated somewhat by admissions from the Swansea and West Wales area during the period of industrial dispute amongst local government manual workers.

During the year much work has been carried out on the Joint Sewerage Scheme at Baglan Bay. This scheme which is to serve the three constituent authorities of Port Talbot Borough, Neath Borough and Neath Rural District, will take sewage and other effluence from the catchment area west of the River Afan but excluding the Afan Sewerage Scheme, and discharge it 2½ miles off the foreshore in the Swansea Bay. Great care will need to be exercised in controlling effluence discharge into this sewer to avoid any serious pollution of the waters of the Swansea Bay.

The Engineer and Manager of the West Glamorgan Water Board has kindly provided certain statistical details which are incorporated in the body of my report but I should point out that this Authority maintains surveillance on the quality of water supplied within the Borough and details of the work carried out by the Authority are incorporated in the Chief Public Health Inspector's contribution to this report.

Members will be interested to learn that the Meals on Wheels Service has continued to expand and is providing an excellent supplement for the aged and handicapped population in the Borough. A total of 28,617 meals were distributed during the period under review.

In conversation and discussions with my colleagues in General Practice, I am continually reminded of the limited facilities for the hospitalisation within the Borough of geriatric patients. As members will realise, the bulk of geriatric beds are situated outside the Borough boundary mainly at Bridgend with a few at Cimla, Neath. This necessitates long journeys for patients, relatives and indeed makes it difficult for admissions to be readily effected. The Hospital Management Committee and the Regional Hospital Board are fully aware of these difficulties but until the appointment of a second Consultant Geriatrician to serve the Western half of the Bro Morgannwg Hospital Management Committee area is made, it is difficult to say how this particular problem will be eased.

The Home Help Service and the Night Sitter-In Service of the Local Health Authority has been working at full stretch during the year and this is also true of the domiciliary nursing service. The health visiting service has seen major changes during the last 12 months or thereabouts, now all health visitors working for the Local Health Authority in this area are in formal attachment to General Practices and the health visitors do a considerable amount of work to ease the pressures on doctors in general practice.

During the year much work has been carried out in the reclamation, tidying up and improving of the amenities in the Borough and in particular the change in face in Cwmavon is remarkable. At the same time as the clearance of unsightly tips, materials reclaimed thereby have been used in the preparation of sites for further development on the Baglan Moors.

Personally, I would like to see a continuation and indeed a stepping up of the Borough's slum clearance programme, and details of the work carried out in this field may be seen in Mr. Heycock's part of the report.

On this occasion I have included a paragraph or two on Messrs. Borg-Warner and Messrs. Steinberg & Sons Limited, two industries which are expanding their services in the Borough. I have also incorporated at the end of my section of the report, details of the Joint Outfall Sewer.

Before drawing these introductory remarks to a close, I would on this occasion like to refer to the retirement in July of Mr. L. J. Carter, the Chief Public Health Inspector. Mr. Carter served the Authority diligently and well for very many years, the last eight of which as your Chief Public Health Inspector. I would say that it has been a privilege to work alongside Mr. Carter and it was with regret that I learned that he intended to retire on reaching the age of 60 having served in Local Government continuously for a matter of 43 years. I wish him a long and happy retirement and would extend the same felicitations to his wife.

Mr. Carter is succeeded by Mr. I. G. Heycock, an Officer who has served the Authority diligently rising to the rank of Deputy on Mr. Carter's appointment as Chief and now as Chief Public Health Inspector himself. I am sure that the cordial and happy relationship that existed between Mr. Carter and myself will continue with Mr. Heycock.

I would like to take this opportunity of thanking the Borough Council, members and fellow officers alike, for their courtesy and co-operation for the whole of the period under review.

I am,

Your obedient Servant,

D. H. J. WILLIAMS,

Medical Officer of Health.

Public Health Department,
Park House,
Theodore Road,
Port Talbot.

Telephone: Port Talbot 2137/8

SUMMARY OF GENERAL STATISTICS FOR THE YEAR, 1970

Area of Borough (inclusive of foreshore)	23,444 acres
Population (Registrar General's Estimated mid-year, 1970)	51,000
Rateable value at 31st March, 1970	£4,268,573
Product of Penny Rate for year ended 31st March, 1970	£17,704
Rainfall in inches in the Borough	40.83
Number of Houses erected in 1970	183
(i) By Local Authority	63
(ii) By other Bodies or Persons	120
Number of Improvement Grants made during 1970:	
(a) Discretionary	137)
(b) Standard	24)
Total	161
Number of houses connected to Mains Water Supply	16,257
Number of houses supplied from standpipes	None
Number of properties supplied from:	
(a) Mid-Glamorgan Water Board	None
(b) Neath Borough	None

EXTRACTS FROM VITAL STATISTICS

Live Births.

Births	Male	Female	Total
Legitimate	357	289	646
Illegitimate	28	25	53
Total number of live births	385	314	699
		Crude	Adjusted
Live birth rate per 1,000 population		13.7	13.6
Live birth rate for England and Wales		16.0	—
Illegitimate Live Births. Per cent of total Live Births			8

Still Births.

Births	Male	Female	Total
Legitimate	3	7	10
Illegitimate	0	0	0
Total number of Stillbirths	3	7	10

Rate per 1,000 Total Live and Stillbirths

14

Total number of Live and Stillbirths

709

The following table is of interest:—

 Number of live births at home in the Borough

19

 Number of live births (Port Talbot mothers) at Neath General Hospital

628

 Number of live births (Port Talbot mothers) at Bridgend General and other hospitals

52

Of all live births 97% occurred in hospital. In 1969 the percentage of births in hospital was 96 and in 1968, 78.

Comparison of Crude Birth Rate with National Rate.

The Crude Birth Rate for the Borough can be seen from the following chart.

Year	Live Births	Crude Rate per 1,000	Crude Rate (England & Wales)
1961	911	18.21	17.4
1962	977	19.10	18.2
1963	967	18.77	18.2
1964	987	19.07	18.4
1965	892	17.22	17.05
1966	792	15.29	17.7
1967	823	15.9	17.2
1968	756	14.7	16.9
1969	706	13.9	16.3
1970	699	13.7	16.0

Applications for Non-Emergency Hospital Beds

Patients due to be confined during	1968. Applications		1969. Applications		1970. Applications	
	Received.	Refused.	Received.	Refused.	Received.	Refused.
January	64	—	87	—	83	—
February	67	—	70	—	64	—
March	76	—	66	—	79	—
April	52	—	61	—	84	—
May	75	—	80	—	70	—
June	68	—	86	—	76	—
July	55	1	55	—	75	—
August	64	—	56	—	90	—
September	80	—	65	—	65	—
October	67	—	89	—	80	—
November	76	—	68	—	68	—
December	64	—	72	—	66	—

Deaths.

Deaths from all causes in the area (Male 321, Female 249) 570

Death rate per 1,000 of estimated resident population:

Crude 11.2; Adjusted 15.0

Death rate for England and Wales Crude 11.7

The Crude death rate for the past ten years is summarised below:—

1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
11.2	10.9	10.4	11.31	11.31	11.10	9.82	9.78	10.18	11.50

Deaths from Puerperal Causes.

There were no deaths from puerperal causes during 1970.

Infant Mortality.

Neonatal deaths—13.

Neonatal death rate per 1,000 live births—19.

One Day — One Week

Date of Death.	Sex.	Age.	Ward.	Cause of Death.
1.—27. 2. 70	Female	?	Aberavon South	Want of attention at birth.
2.— 3. 2. 70	Male	3 days	Aberavon West	1a Cerebral haemorrhage.
3.—20. 3. 70	Male	1 day	Margam West	1a Rh incompatibility. c. Respiratory distress syndrome.
4.—19. 5. 70	Male	6 hours	Aberavon West	1a Primary atelectasis.
5.— 6. 6. 70	Male	1 day	Aberavon North	1a Primary atelectasis of lungs.
6.— 6. 6. 70	Male	1 day	Aberavon North	1a Primary atelectasis of lungs. 11 Prematurity.
7.—10. 8. 70	Male	1 hour	Cwmavon	1a Respiratory failure. b Cerebral Anoxia.
8.— 3. 8. 70	Male	1 day	Aberavon West	1a Respiratory distress. b Prematurity syndrome.
9.— 6. 9. 70	Male	1 day	Aberavon West	1a Respiratory centre failure. b Cerebral anoxia.
10.— 9. 8. 70	Female	6 days	Margam Central	11 Rupture uterus of mother. Asphyxia due to inhalation of regurgitated stomach contents.
11.—19. 9. 70	Male	2 days	Margam West	1a Pulmonary atelectasis.
12.— 7. 11. 70	Male	1 day	Margam Central	1a Atelectasis. 11 Exomphalus.

All these cases died at hospital except 1. and 2.

One Week — One Month

Date of Death.	Sex.	Age.	Ward.	Cause of Death.
23. 4. 70	Male	1 week	Aberavon West	1a Septicaemia. b Ulcerated Colitis. c Faecal compaction in rectum.

One Month — One Year

Date of Death.	Sex.	Age.	Ward.	Cause of Death.
1.—14. 2. 70	Male	1 month	Aberavon North	1a Right ventricular failure. b Aberrant pulmonary artery.
2.—18. 3. 70	Male	1 year	Aberavon West	1a Congenital abnormalities of the brain. b Occipital encephalocele with hydrocephalus.
3.—20. 9. 70	Male	8 weeks	Margam Central	1a Hydrocephaly.
4.—13. 10. 70	Female	6 months	Aberavon East	1a Aortic stenosis. b Congenital heart disease.
5.—28. 12. 70	Female	7 months	Margam North	1a Acute tracheo bronchitis with pulmonary atelectasis.

All these cases died at hospital except 5.

1970	1969	1968	1967	1966	1965	1964	1963	1962	1961
26.0	18.0	22.5	17.0	17.68	22.42	25.33	22.75	20.47	20.86

Infant Mortality

From these figures it will be seen that the casualty rate is highest in the first week of life—prematurity being given as the cause of failure to survive in the majority of instances.

Infant Mortality Rates.

Total infant deaths (under 1 year)	18
Rate per 1,000 total live births	26
Legitimate infant deaths	13
Rate per 1,000 legitimate live births	20
Illegitimate infant deaths	5

Neo-Natal Mortality Rate.

Total neo-natal deaths (under 4 weeks)	13
Rate per 1,000 total live births	19

Early Neo-Natal Mortality Rate.

Total neo-natal deaths (under 1 week)	12
Rate per 1,000 total live births	17

Perinatal Mortality Rate.

Total still-births and deaths under 1 week (combined)	22
Rate per 1,000 total live and still-births	31

Maternal Mortality (including Abortion).

Number of deaths	0
Rate per 1,000 total live and still-births	0

Death (all Ages).

The main causes of death in the Borough during 1970 were—

1. Cardiovascular conditions	188
2. Cancers of various kinds	88
3. Respiratory diseases (excluding Tuberculosis and Cancer)	93
4. Accidents	33

There were 27 deaths due to cancer of the lung, 26 amongst males and 1 amongst females.

This compares with: 24 deaths (18 males, 6 females) in 1969.

GLAMORGAN (ADMINISTRATIVE COUNTY)—VITAL STATISTICS, 1970

	Estimated population 1970	No. of live Births	LIVE BIRTHS			No. of Deaths	DEATHS			INFANT MORTALITY		PERINATAL MORTALITY		STILL BIRTHS	
			Rate per 1,000 population Crude	Rate per 1,000 population Adjusted	Ratio of local adjusted rate to national rate		Rate per 1,000 Population Crude	Rate per 1,000 Population Adjusted	Ratio of local adj. Death rate to Nat. rate	Deaths under one year	Rate per 1,000 live births	Still births and deaths under one week	Rate per 1,000 live and still births	No. of still births	Still births rate per 1,000 total births
England and Wales	48,987,700	784,482	16.0	16.0	1.00	575,208	11.7	11.7	1.00	14,269	18	18,669	23	10,341	13
Administrative County	748,190	12,083	16.1	16.6	1.04	9,319	12.5	14.1	1.21	255	21	330	27	180	15
Urban Districts	523,700	8,138	15.5	16.0	1.00	6,719	12.8	14.5	1.24	188	23	236	29	121	15
Rural Districts	224,490	3,945	17.6	18.0	1.12	2,600	11.6	13.0	1.11	67	17	94	23	59	15
Health Division.															
Constituent Districts.															
Aberdare and Mountain Ash—															
Aberdare Urban	38,250	652	17.0	18.5	1.16	575	15.0	15.2	1.29	15	23	19	29	9	14
Mountain Ash Urban	28,420	458	16.1	16.1	1.01	357	12.6	15.0	1.28	17	37	15	32	4	9
Caerphilly and Gelligaer—															
Caerphilly Urban	40,550	804	19.8	19.4	1.21	404	10.0	12.5	1.07	21	26	21	26	10	12
Gelligaer Urban	34,420	556	16.2	16.2	1.01	419	12.2	15.4	1.31	16	29	15	27	7	12
Mid-Glamorgan—															
Bridgend Urban	15,170	197	13.0	13.4	0.84	204	13.4	14.6	1.25	5	25	6	30	2	10
Maesteg Urban	21,220	401	18.9	19.7	1.23	271	12.8	15.9	1.36	13	32	22	53	12	29
Ogmore & Garw Urban	20,120	390	19.4	20.0	1.25	305	15.2	18.4	1.57	13	33	13	33	6	15
Porthcawl Urban	13,640	188	13.8	16.3	1.02	216	15.8	12.6	1.08	5	27	3	16	1	5
Penybont Rural	50,530	1,004	19.9	19.1	1.19	656	13.0	11.8	1.01	18	18	16	16	11	11
Neath and District—															
Neath M.B.	29,470	380	12.9	13.4	0.84	396	13.4	14.5	1.24	6	16	10	26	6	16
Neath Rural	40,390	568	14.1	14.7	0.92	534	13.2	15.4	1.32	13	23	15	26	6	10
Pontypridd and Llantrisant—															
Llantrisant Rural	34,270	747	21.8	22.5	1.40	306	8.9	11.9	1.02	15	20	22	29	15	20
Pontypridd Urban	35,040	531	15.2	15.5	0.97	451	12.9	13.3	1.14	11	21	20	37	9	17
Port Talbot and Glyncothrwg—															
Glyncothrwg Urban	9,330	146	15.6	15.1	0.95	115	12.3	18.1	1.55	3	21	4	27	3	20
Port Talbot M.B.	51,000	699	13.7	13.6	0.85	570	11.2	15.0	1.28	18	26	22	31	10	14
South East Glamorgan—															
Barry M.B.	42,370	652	15.4	15.9	0.99	503	11.9	12.9	1.10	12	18	14	21	7	11
Cardiff Rural	29,810	570	19.1	17.6	1.10	304	10.2	10.8	0.92	6	11	8	14	5	9
Cowbridge M.B.	1,500	40	26.7	26.4	1.65	22	14.7	16.9	1.44	3	75	1	25	—	—
Cowbridge Rural	23,720	441	18.6	21.2	1.33	177	7.5	13.1	1.12	8	18	16	35	10	22
Penarth Urban	23,200	339	14.6	15.8	0.99	271	11.7	11.0	0.94	2	6	5	15	4	12
West Glamorgan—															
Gower Rural	16,350	232	14.2	14.9	0.93	187	11.4	12.4	1.06	2	9	2	9	2	9
Llwchwr Urban	26,000	419	16.1	17.2	1.08	329	12.7	13.8	1.18	8	19	7	17	4	9
Pontardawe Rural	29,420	383	13.0	14.7	0.92	436	14.8	15.1	1.29	5	13	15	38	10	25
Rhondda—															
Rhondda M.B.	94,000	1,286	13.7	14.1	0.88	1,311	13.9	15.4	1.32	20	16	39	30	27	21

STATISTICAL ABSTRACT, 1970

Area	LIVE BIRTHS		DEATHS		Rate per 1,000
	1969	1968	1969	1968	
White	12,987,700	12,845,185	1,007,100	984,485	18.0
County	1,483,190	1,503,000	120,000	115,000	18.0
Urban	833,700	815,000	65,000	62,000	18.0
Non-urban	224,490	248,000	55,000	53,000	18.0
Mountain Area	28,250	28,000	2,000	2,000	18.0
Urban	28,250	28,000	2,000	2,000	18.0
Non-urban	40,500	40,500	3,000	3,000	18.0
Urban	30,150	30,150	2,000	2,000	18.0
Non-urban	10,350	10,350	1,000	1,000	18.0
Urban	29,170	29,170	2,000	2,000	18.0
Non-urban	40,330	40,330	3,000	3,000	18.0
Urban	34,200	34,200	2,500	2,500	18.0
Non-urban	6,130	6,130	500	500	18.0
Urban	51,200	51,200	4,000	4,000	18.0
Non-urban	30,150	30,150	2,000	2,000	18.0
Urban	12,840	12,840	1,000	1,000	18.0
Non-urban	60,310	60,310	5,000	5,000	18.0
Urban	40,300	40,300	3,000	3,000	18.0
Non-urban	29,170	29,170	2,000	2,000	18.0
Urban	28,000	28,000	2,000	2,000	18.0
Non-urban	34,200	34,200	2,500	2,500	18.0
Urban	28,040	28,040	2,000	2,000	18.0
Non-urban	6,160	6,160	500	500	18.0
Urban	47,000	47,000	3,500	3,500	18.0
Non-urban	42,910	42,910	3,000	3,000	18.0
Urban	29,810	29,810	2,000	2,000	18.0
Non-urban	1,100	1,100	100	100	18.0
Urban	29,710	29,710	2,000	2,000	18.0
Non-urban	23,200	23,200	1,500	1,500	18.0
Urban	18,350	18,350	1,000	1,000	18.0
Non-urban	5,850	5,850	500	500	18.0
Urban	18,350	18,350	1,000	1,000	18.0
Non-urban	60,450	60,450	4,500	4,500	18.0
Urban	47,000	47,000	3,500	3,500	18.0
Non-urban	1,988	1,988	150	150	18.0

CLASSIFICATION OF DEATHS DURING 1970

as recorded by the Register General.

	Sex	Total all ages	4 Weeks & Under		AGE IN YEARS							65-74	75 & over	
			Under 4 Weeks	1 Year	1-4	5-14	15-24	25-34	35-44	45-54	55-64			
1 Tuberculosis of Respiratory System	M	2	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
2 Late effects of Respiratory T.B.	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
3 Malignant Neoplasm, Buccal Cavity, etc.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
4 Malignant Neoplasm, Stomach	M	10	—	—	—	—	—	—	—	—	—	—	—	—
	F	5	—	—	—	—	—	—	—	—	—	—	—	—
5 Malignant Neoplasm, Intestine	M	5	—	—	—	—	—	—	—	—	—	—	—	—
	F	5	—	—	—	—	—	—	—	—	—	—	—	—
6 Malignant Neoplasm, Lung, Bronchus	M	26	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
7 Malignant Neoplasm, Breast	M	11	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
8 Malignant Neoplasm, Uterus	F	2	—	—	—	—	—	—	—	—	—	—	—	—
9 Leukaemia	M	2	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
10 Other Malignant Neoplasms	M	12	—	—	—	—	—	—	—	—	—	—	—	—
	F	8	—	—	—	—	—	—	—	—	—	—	—	—
11 Benign and Unspecified Neoplasms	M	3	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
12 Diabetes Mellitus	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
13 Other Endocrine, etc. Diseases	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	3	—	—	—	—	—	—	—	—	—	—	—	—
14 Multiple Sclerosis	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
15 Other Diseases of Nervous System	M	1	—	—	—	—	—	—	—	—	—	—	—	—
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
16 Chronic Rheumatic Heart Disease	M	6	—	—	—	—	—	—	—	—	—	—	—	—
	F	3	—	—	—	—	—	—	—	—	—	—	—	—
17 Hypertensive Disease	M	2	—	—	—	—	—	—	—	—	—	—	—	—
	F	10	—	—	—	—	—	—	—	—	—	—	—	—
18 Ischaemic Heart Disease	M	91	—	—	—	—	—	—	—	—	—	—	—	—
	F	55	—	—	—	—	—	—	—	—	—	—	—	—
19 Other Forms of Heart Disease	M	10	—	—	—	—	—	—	—	—	—	—	—	—
	F	11	—	—	—	—	—	—	—	—	—	—	—	—
20 Cerebrovascular Disease	M	36	—	—	—	—	—	—	—	—	—	—	—	—
	F	51	—	—	—	—	—	—	—	—	—	—	—	—

PREVALENCE AND CONTROL OF INFECTIOUS DISEASE

The following table shows the incidence of infectious disease during 1970 as compared with 1965, 1966, 1967, 1968 and 1969.

Disease	1965	1966	1967	1968	1969	1970
Scarlet Fever	12	24	12	—	8	2
Whooping Cough	12	13	56	20	7	9
Diphtheria	—	—	—	—	—	—
Measles	846	403	576	298	551	318
Meningococcal Infection	2	—	1	—	1	1
Dysentery	6	76	4	18	44	12
Ophthalmia Neonatorum	—	1	—	1	1	—
Smallpox	—	—	—	—	—	—
Paratyphoid B.	—	—	—	—	—	—
Enteric or Typhoid Fever	—	—	—	—	—	—
Malaria	—	—	—	—	—	—
Poliomyelitis	—	—	—	—	—	—
Food Poisoning	2	3	2	2	3	1
Undulant Fever	—	—	—	—	—	—
Encephalitis (infectious)	—	—	—	—	—	—
Pneumonia	3	6	6	3	—	—
Infective Jaundice	—	—	—	14	111	50

Distribution by Wards.

	Margam West	Margam Central	Margam North	Aberavon South	Aberavon North	Aberavon East	Aberavon West	Cwmavon	TOTALS
Whooping Cough	—	—	1	4	—	—	4	—	9
Measles	21	25	60	72	32	21	81	6	318
Dysentery	2	—	—	2	—	2	6	—	12
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—
Infective Jaundice	3	4	2	12	14	4	11	—	50
Food Poisoning	1	—	—	—	—	—	—	—	1
Meningococcal Infection	—	—	—	1	—	—	—	—	1
Scarlet Fever	—	1	—	1	—	—	—	—	2
Tuberculosis—									
Pulmonary	2	—	1	1	3	1	3	—	12
Non-Pulmonary	—	—	—	—	1	—	1	1	3

INFECTIOUS DISEASES

Poliomyelitis Vaccination.

During 1970, 708 persons completed their primary immunisation against poliomyelitis. Oral vaccine is now exclusively used in this area.

In addition reinforcing (booster) doses were given to 1,258 persons during the year.

Poliomyelitis.

No cases of Poliomyelitis were notified during 1970.

Tuberculosis—B.C.G. Vaccination.

This valuable form of protection against tuberculosis was made available to a further age group of school leavers, this being the sixteenth year of the scheme.

The parents of 864 children agreed to the procedure and the children were given the preliminary skin test. Of this number 481 were found to need vaccination of which 475 submitted to and were duly vaccinated.

Those children who gave a positive reaction to the skin test were invited to the Chest Clinic where they were duly X-rayed. On this occasion 10 children required further examination and surveillance. No new case of active tuberculosis came to light.

Diphtheria Immunisation.

During the period under review 642 children received their primary course of injections, 463 of these being born in 1969 and 1970. Some 868 older children were given their booster injections.

Measles Vaccination.

A total of 302 children were vaccinated against measles this year.

Whooping Cough.

9 children were notified as suffering from Whooping Cough during 1970. The number given protective injections amounted to 614.

Smallpox Vaccination.

	No. Vaccinated	No. Re-Vaccinated
Under 1 year	3	—
1 year	103	2
2—4 years	76	2
5—15 years	14	38
15 years or over	—	—
TOTAL	196	42

Tuberculosis.

I append below particulars of the number of cases on the tuberculosis register at the beginning and at the end of the year, together with details of the notifications broken down into the various age groups

Number of Cases on Register on 1st January, 1970—223.

	Males	Females
Pulmonary	93	85
Non-Pulmonary	16	29
Total	109	114

Number of cases on Register on 31st December, 1970—223.

	Males	Females
Pulmonary	96	80
Non-Pulmonary	16	31
Total	112	111

Number of New Notifications	15
No. of In-Transfers	2
Number restored to Register	1
Total	18

Number left district	3
Number died	8
Number recovered	7
Number removed from Register—Diagnosis not confirmed	—
Unable to trace Patient	—
Total	18

New Cases during 1970 (formally notified):—

	Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.
Under 1 year	—	—	—	—
Over 1 year and under 5 years	—	—	—	—
Over 5 years and under 10 years	—	—	—	—
Over 10 years and under 15 years	—	—	—	—
Over 15 years and under 20 years	—	—	—	—
Over 20 years and under 25 years	3	—	—	1
Over 25 years and under 35 years	—	1	—	2
Over 35 years and under 45 years	1	—	—	—
Over 45 years and under 55 years	3	—	—	—
Over 55 years and under 65 years	3	—	—	—
Over 65 years	1	—	—	—
Totals	11	1	—	3

Cases not formally notified (taken from local Registrar's returns):—1.

GENERAL PROVISIONS OF HEALTH SERVICES

As members will be aware, in addition to serving this Authority as Medical Officer of Health, I am also responsible for the day to day administration of the services provided by the Glamorgan County Council in the Port Talbot and Glyncoirwg Health Division.

Whilst the Borough Council is responsible for environmental health, my duties as Divisional Medical Officer relate to the personal health and welfare of the population of the borough.

I give below certain statistical information relating to services provided by the Local Health Authority for information of those members of the Council who are not sitting members of the Divisional Health Committee:

Domiciliary Midwifery Service.

Total domiciliary confinements	29
Doctor present	2

Domiciliary Nursing Service.

Total number of patients	1,163
Types of cases:	
Medical or Surgical	1,146
Tuberculous	17
Total number of visits	39,287

Medical Comforts.

Total Issues	641
--------------------	-----

Home Help Service.

Total Part-Time and Casual Helps	102
Types of cases attended:	
Aged and Infirm	725
Chronic Sick and Tuberculosis	59
Mentally disordered	2
Maternity	2
Others	9
 Total	 797

Costs Charged:	No.	%
Full Cost	27	3.4
Part Cost	49	6.1
Free	721	90.5

Night Sitter-In Service.

Total number of patients	78
Total number of hours allocated	2,704

Chiropody Service.

Total number of patients treated	1,224
Total number of Home Visits	1,442
Total number of Clinic Visits	3,589

Clinic Services.

Ante-Natal and Post Natal Clinics.

Number of Women who attended Ante-Natal Clinics	620
Number of Women who attended Post-Natal Clinics	83

Infant Welfare Clinics.

Number of Children born in 1970 who attended Infant Welfare Clinics	828
Number of Children born in 1969 who attended Infant Welfare Clinics	884
Number of Children born in 1965/68 who attended Infant Welfare Clinics	1,210
Total	2,922

Health Visitors.

Visits to Children born in 1970	3,940
Visits to Children born in 1969	3,440
Visits to Children born in 1965/68	4,352
Visits to Tuberculous households	361
Other Visits	5,969
Total	18,062

NATIONAL ASSISTANCE ACT, 1948.

Removal of Persons in need of Care and Attention.

Four persons resident in the borough were brought to my attention as in need of care and attention under the provisions of the National Assistance Act 1948. I am happy to be able to report that the problems were resolved voluntarily and it did not become necessary to institute statutory action.

HOUSING

During 1970, 301 permanent houses were completed of which 162 were built by the Council and 149 by other bodies or persons.

In order that easy comparison may be made I give below the figures for the past ten years in tabulated form.

Year.	Houses Completed by Local Authority.	Houses Completed by Others.	Total
1970	162	149	311
1969	33	111	144
1968	135	111	246
1967	229	68	297
1966	167	67	234
1965	349	74	423
1964	188	85	273
1963	100	90	190
1962	245	98	343
1961	223	116	339

(i) Council dwellings let during the calendar year 1970

New Dwelling Allocation				
General Needs.	Removal of Temp. Bungalows.	Rehousing from S/Std. properties.	Key workers	TOTAL
36	2	12	13	63

Re-Lets Allocations				
General Needs.	Removal of Temp. Bungalows.	Rehousing from S/Std. properties.	Key workers	TOTAL
173	2	40	18	233

The total of 233 dwellings becoming available for re-letting is made up as follows:—

(1) Tenants moving into alternative accommodation with the Borough	107
(2) Tenants moving outside the Borough	80
(3) Properties becoming vacant upon the deaths of tenants	36
(4) Evictions	10
	233

(ii) Total number of applications for Council housing accommodation received during the calendar year, 1970 233

I give below a table that gives an indication of some of the special categories of applicants where re-housing was affected during the period under review.

Families suffering from or exposed to Tuberculosis	5
Families from Condemned Houses (excluding Prefabs)	52
Families from overcrowded houses	7
Key Workers in Industry	31
Prefabricated bungalows	4

Housing Act, 1936—Part IV. Overcrowding.

There were no cases of statutory overcrowding discovered during 1970.

WATER SUPPLIES

As members will know, the West Glamorgan Water Board is generally responsible for the water supplies within the area of the borough. Mr. R. J. Lillicrap, Engineer and Manager, and I keep in close touch on all matters pertaining to supply and samples of water are taken for bacteriological and chemical analysis by the Board itself and spot checks are taken on my behalf by members of the Public Health Inspectorate. Details of the bacteriological and chemical analyses are included in Mr. Carter's section of this report.

Mr. Lillicrap has kindly submitted the following particulars for inclusion in this Annual Report:

- (a) The quality and quantity of water supplied has been satisfactory throughout the year. Regular sampling of all sources and on the distribution system was carried out by the Board's Chemist for bacteriological and chemical analyses.

Three unsatisfactory samples were found in samples taken from local sources, and seven from the River Neath source. Repeat samples taken at the same points were satisfactory.

- (b) Where unsatisfactory samples had been found, distribution mains were generally flushed out prior to re-sampling.

Number of dwelling houses supplied direct	16,257
Population supplied direct	51,000
Houses supplied via standpipes	Nil

The Board does not test for Fluoride Content in the various sources.

RAINFALL

Month	Rainfall in inches Town Centre
January	8.62
February	4.49
March	2.13
April	3.10
May .....	.92
June	1.85
July	4.63
August	2.42
September	2.92
October	5.03
November	1.90
December	2.78

GENERAL INFORMATION.

Education.

The following information has been provided by Mr. Eben Jones, the Divisional Education Officer:—

1. Average number of pupils attending primary and secondary schools in the Borough during 1970	10,617
2. Daily average number of pupils receiving school meals during 1970	4,048
3. Daily average number of pupils receiving milk in school 1970	5,096

Children's Department.

Mr. I. R. Jenkins, the Glamorgan County Council Director of Social Services has kindly supplied the following details:—

1. Number of children admitted to Children's Homes in 1970	39
2. Number of children admitted to Residential Establishments	24
3. Number of children boarded-out	15
4. Number of children admitted to Approved Schools in 1970	9

Juvenile Court.

Mr. P. H. R. Thomas, the Clerk to the Court, states that 294 children between the ages of eight and seventeen years were brought before the Juvenile Court during 1970.

Welfare Services. Part III—Accommodation.

12 males and 13 females from Port Talbot were admitted to County Council Hostels during 1970.

	Male.		Female.
"Mor Awelon"	4	.....	1
"Min-yr-Afon"	3	.....	7
"Danygraig"	2	.....	1
"Glyn Dulais"	1	.....	—
"Moorlands" .....	—	.....	1
"Morfa Afan"	1	.....	—
"Glanymor" .....	—	.....	1
"The Hollies" .....	—	.....	1
"Hyfrydol"	1	.....	1
	—————		—————
	12		13
	—————		—————

At the end of the year the number on the waiting list for admission were 12 females and 8 males.

Employment of Disabled Persons.

	Male.	Female.
Number Registered Disabled in December, 1970	799	90
Number Registered Disabled placed in Employment in 1970	122	3
Number Registered Disabled wholly Unemployed in December, 1970	127	20

I append below details of the unemployment figures for Port Talbot for the past ten years:—

	Male.	Female.
December, 1961	276	137
„ 1962	439	137
„ 1963	361	153
„ 1964	338	146
„ 1965	458	195
„ 1966	853	230
„ 1967	563	277
„ 1968	658	242
„ 1969	576	228
„ 1970	563	161

INDUSTRIAL DEVELOPMENT

For many years it has been my practice at this point in my report, to highlight one or two industrial concerns which make a valuable contribution to the Borough

1. Industrial Division—Borg-Warner Limited.

Mr. R. Phinnemore, Industrial Relations Manager of the Transmission Division of Borg-Warner Limited has very kindly provided details of facilities provided for his staff at their plant on the Kenfig Industrial Estate and in thanking him I am pleased to incorporate the following details in the body of my report:-

“The total labour employed at Borg-Warner Limited as at 31st December, 1970, was 900 and since January has increased by 308 males and 36 females.

Approximately 600,000 sq. ft. of the total area of 860,000 sq. ft. has been commissioned although a large number of machine moves have still to be made within the area commissioned.

A fully equipped Surgery for occupational health purposes is manned by two shift nurses. Dr. Sabir of the Port Talbot General Hospital acts as a part time Medical Officer and attends the plant at least one afternoon a week to carry out new starter medicals and any other medical required by management for our current employees. Dr. Sabir also monitors our health and hygiene arrangements generally throughout the plant.

We have had an embarrassing incidence of skin rashes which have been significantly alleviated in recent months and we are carrying out a yearly scrotal examination of employees engaged on jobs involving an oil hazard.

A further Surgery unit will be opened shortly in the second phase of the plant dependent upon sufficient numbers being employed in that vicinity. The unit will require a further complement of two nurses and it is anticipated commissioning will take place within the next three months.

We have a Restaurant unit which is serving a high proportion of our labour force relative to the national average which is supplemented on the night shift by a cold food storage vending machine together with a micro wave oven for heating pre-plated foods. A further Restaurant unit is scheduled to open in the next few weeks, again in the Phase II area of our plant."

2. Steinberg & Sons Limited.

Mr. T. A. Jones, the Personnel Manager, Messrs. Steinberg & Sons Limited, has very kindly provided the following details of staffing and facilities at the Horrockses Fashions Limited plant at Acacia Avenue, Sandfields:-

"We have at present some 230 personnel at the Factory, which is an increase of approximately 40 since October, 1970. While some of this increase is due to increased trading (at one time we employed 208, but recessed a little) we are nevertheless in a process of expansion and within two years we anticipate an increase of personnel to the order of 300 plus if our present plans work out. This will not involve any physical expansion of the factory, the present facilities being adequate to cater for the increased personnel.

Should the anticipated increase in factory personnel occur, additional supervisory staff will be recruited as required. Welfare matters are handled by myself, and I visit the factory regularly. When the work force exceeds 300, a Personnel Officer responsible to me will probably be appointed. In the meantime welfare facilities are quite adequate, as the factory itself with its amenities was laid down for a larger work force than are at present employed."

3. Neath Valley Joint Sewerage Scheme.

The Joint Sewerage Scheme is concerned with the disposal of the domestic sewage and trade wastes which at present are discharged into the River Neath from the Borough of Neath and from parts of the Borough of Port Talbot and the Neath Rural District.

A Trunk Sewer, with branches to Skewen and Llandarcy, is to be constructed up to Aberdulais from a Pumping Station to be built at Baglan. In all there will be more than seven miles of large diameter trunk sewer.

The flow will gravitate to a Pumping Station to be constructed near to Briton Ferry Steelworks, Baglan, where it will be disintegrated then lifted and pumped out to sea through a pressure main four miles long.

The submarine outfall now under construction is 48" internal diameter, and will extend two and a half miles out to sea from high water mark.

Details of Construction

Design Flow

100.18 cusecs arising from known and future trade allowances and a projected population figure in 2001 of 91,280 people, based on 6 x domestic D.W.F. of 50 gals/h/day.

Steel Pipes

49" o/d x $\frac{1}{2}$ " wall thickness, Double Submerged Arc Spiral Weld Steel Pipe to AP1 5LS Grade "B" in random lengths 27/45 feet, average 38 ft. Supplied by British Steel Corporation, South Wales Group, the first of this size to be produced by their Llanwern Pipe Mill.

Pipe Protection

Grit-blasted to Svensk standard S1S 05 59 00 AS a3, and coated with an epoxy pitch formulation, minimum thickness .020" internally and .010" externally.

Pipe Welding

Circumferential butt welds by stovepipe welding manual arc process, generally to AP1 1104, standard for field welding of pipes. All butt welds 100% radiographed.

String Construction

11 No. strings fabricated in 1300 feet lengths, surrounded with P.C. concrete 6" thick with 3" x 3" by 5 gauge (8.65 lb./sq.yd.) mesh reinforcement, giving a negative buoyancy of 70 lb. per ft. of pipe when empty.

Minimum cement content—625 lbs. per cu.yd. of compacted concrete. Hatch boxes are provided at 650 ft. crs.

Diffuser

Minimum initial dilution of 50 required for all conditions of flow and tide.

Consists of 35 ports at 20 ft. crs., being 6" dia. glass fibre pipes rising off 12" dia. branch fittings to discharge horizontally 2 ft. above the sea bed. An additional 5 blanked off branch fittings are provided in case of future need.

Method of Placing

The strings progressively butt welded together and pulled out along the sea bed by 600 ton capacity winch barge and system of block barges anchored beyond end of outfall.

When in final location, lowered into the sea bed by jetting and suction dredging. Cover generally 2 ft. with 3 ft. on foreshore between low and high water marks.

Diffuser pipes fitted by divers. Initially, only two ports will be open. The remainder will be opened as the build up of flow necessitates.

Cathodic Protection

For the first two or three years a High Purity Zinc Sacrificial Anode System will be relied upon, until an impressed current system is installed on completion of the land section of pressure main connecting with the Pumping Station at Baglan.

Construction Programme

Work commenced in mid-October, 1969 with the preparation of the temporary construction area beyond the foreshore and the pulling of the pipes should take place during July, 1970.

Commissioning of the outfall is scheduled for the end of September, 1970 to meet the requirements of B.P. Chemicals (U.K.) Ltd.'s extensive developments nearby. B.P. will be providing their own pumping facilities to handle their effluent, and their rising main joins the submarine outfall at a special junction chamber which is located just beyond High Water and marks the inshore limit of this Contract.

I am grateful to Messrs. C. H. Dobbie & Partners, Cardiff and London, Consulting Engineers, and Land & Marine Contractors Limited, Bromborough, Cheshire, for providing the above details for inclusion in this report.



BOROUGH OF PORT TALBOT

Annual Report

of the

Chief Public Health Inspector

For the Year ended 31st December

1970

BOROUGH OF PORT TALBOT

To the Mayor, Aldermen and Councillors of the
Borough of Port Talbot

Mr. Mayor, Ladies and Gentlemen,

I have the pleasure and privilege to present the Annual Report on the work of my Department for the year ending 31st December, 1970. It is the first such report I have had the honour to append my name and with the signing I am reminded, if one needs reminding, of the wide sphere of activities and the consequent responsibilities in the field of environmental health which rest with us all. It is my sincere wish that the Department will maintain the good name it has worked for, and earned, over the past years.

The twelve months under review has seen a continuation of our work in the field of clean food with the regular inspections of all food premises. The food traders have, in the main, co-operated to maintain the high standards already achieved. However, I must report that I have misgivings as to the strength of the controls over certain food premises. Prior notification and registration of all food premises would help to prevent many unsatisfactory and insanitary situations arising. Our work under the Food and Drugs Act has had high priority and the programme of sampling, both informally and formally, has continued, the department working in close collaboration with our Public Analyst, Doctor Coles, at Cardiff. Much time has been spent by your officers on the appraisal of food storage and food coding practices.

I have really no need to report on the high standard of meat inspection over the past twelve months at the local abattoir. I do so because it does give real satisfaction, and a certain amount of pleasure, to realise that we, in Port Talbot, have enjoyed a one hundred per cent inspection of all meat slaughtered in the Borough for as long as I can remember. In fact, the high standards associated with meat marking within the Borough have been accepted by the Ministry since 1956.

The sphere of environmental pollution is taking on an ever increasing role in the day to day working of the department. The daily measurements of smoke, dust and sulphur dioxide have been recorded and the figures sent to the government laboratory at Warren Springs over the last 20 years. The results of this work can be seen throughout the Borough. It is true that difficulty is being experienced in the Taibach area, mainly through the operation of the Coke Ovens, but I am confident that, with the continued co-operation from the Steel Corporation, a reasonable solution will be obtained. Regarding other forms of pollution, much research and thought is being given to liquid and solid wastes and the methods employed to dispose of them. It is intended that the Department will embark on a more comprehensive sampling system.

Your qualified officers have made the necessary examinations of the several districts in the Borough and have acquainted themselves of the various nuisances which arise from time to time. Particular attention has been paid to Shops and Offices, and a steady improvement of standards is being obtained.

The Department has embarked upon a comprehensive baiting and poisoning of the complete sewerage system. In the near future it is hoped to arrange for a series of lectures to improve the working knowledge of the rodent control staff. This, of course, will be done in conjunction with the Ministry of Agriculture, Fisheries and Food (Pests Division).

Much time has been spent in the inspection of houses and the assessment of conditions as compared with those laid down in Section 4 of the Housing Act, 1957. Much remains to be done in this field before we can allow ourselves to become complacent, but it is reassuring to note that more of our people are becoming conscious of the improvements which can be achieved to their homes with the grants which are being made available.

The twelve months, has for me, been one of transition, and I would pay tribute to my predecessor, Mr. Carter, for the well ordered way in which he left the office on his retirement in July. It was a pleasure and a privilege to have worked with him.

My thanks are given to the Chairman and members of the Public Health and Housing Committee for the help and support during my "first days" in office, and to my fellow officers in the various departments from whom I have had the fullest co-operation.

Finally, I must thank all the members of my department for their loyalty and diligence. We can look to the future with confidence.

I am,

Mr. Mayor, Ladies and Gentlemen,

I. GLYN HEYCOCK,

Chief Public Health Inspector.

Report of Chief Public Health Inspector under the Public Health,
Factories and Housing Acts, etc.

GENERAL INSPECTION OF DISTRICT

Housing Inspections and Re-inspections	2,425
Structural Defects	968
Drains, Yards, Urinals, W.C's, etc.	370
Amusement Houses, Cinemas, etc.	10
Verminous Premises	54
Dirty Conditions	81
Accumulations	236
Ashpits, Privies and Cesspools (Refuse Tips)	27
Caravans	62
Dairies, Cowsheds and Milkshops	69
Food Premises, Kitchens and Vehicles	779
Houses let in Lodgings, Tenements, etc.	30
Offensive Trades	—
Factories	66
Fish Friers	59
Ice-Cream Premises	109
Bakehouses	30
Want of Cleanliness	23
Inadequate Ventilation	3
Insufficient Sanitary Accommodation	6
Other Offences	19
Pigstyes and Swine Keeping	49
Stables, Refuse and Manure	9
Rats and Mice	9,459
Smoke Nuisances	24
Animals	11
Meat Inspections	500
Slaughterhouse, Other than Meat Inspection	67

Water Sampling—	
Bacteriological	587
Chemical	188
Food and Drug Sampling	291
Schools	18
Water Courses	10
Milk Sampling (Bacteriological)	37
Ice Cream Sampling	13
Interviews with Owners, etc.	811
Atmospheric Pollution Recordings	1,920
Court Cases	3
Public Houses	82
Infectious Diseases	—
Re-visits to Shops and Offices	249
Plans	53
Noise Nuisances	28
Dust Nuisances	85
Beach (Sea Pollution)	3
Hairdressers	12
Scrap Metal Dealers	10
Mobile Vehicles	83

HOUSING INSPECTIONS

Number of houses inspected for defects under the Public Health and Housing Acts	406
Number of visits of inspection in respect of same	2,425
Number of houses found unfit for human habitation	80
Number of houses found not in all respects to be reasonably fit for human habitation	303
Number of houses rendered fit after service of Notices	142

The number of nuisances discovered, together with the number of Notices served during the year were as follows:—

Nature of Inspection	Nuisances discovered	Informal Notices served	Abatement Notices served
Structural Defects	190	172	7
Drains, Yards, etc.	176	169	3
Dirty Conditions, etc.	47	47	—
Pigstyes and Swine	10	9	—
Food Premises	105	105	—
Rats and Mice	350	176	—
Accumulations	151	151	—
Verminous Premises	15	15	—
Verminous Persons	—	—	—
Stables and Manure	1	1	—
Improper Keeping of Animals	4	4	—
Caravans	—	—	—
Overcrowding	10	10	—
Smoke Nuisances	16	16	—
Noise Nuisances	3	2	—
Dust Nuisances	2	2	—
Redecoration	36	36	—
TOTALS	1,116	915	10

The nature of the work carried out to abate the various nuisances and contraventions was as follows:-

Houses: Roofs repaired 38; Wallplaster renewed 65; Ceilings repaired 15; Dampness remedied 85; Water Service pipes repaired 16; Staircases repaired 3; Walls repaired 29; Chimney Stacks repaired 12; Floors repaired 19; Windows repaired 35; Fireplaces repaired 9.

Drainage: Eaves gutters repaired or renewed 36; Vent pipes repaired or renewed 19; Drains cleared 91; Inspection chambers renewed or repaired 35; Drains relaid or repaired 11; Drains tested 103.

Toilet Fittings, etc.: W.C. Cisterns renewed or repaired 32; W.C. pans renewed 25; Sink waste pipes unblocked 38; New sinks provided 7.

Verminous and Dirty Houses: Bed Bugs—Number of houses infested 19; Number of houses disinfested by Local Authority 19; Ants—Number of houses infested 400; Number of houses disinfested by Local Authority 400.

In addition 2 houses were treated for woodworm and 2 for fleas.

Accumulations: Accumulations removed 231.

Food Premises: Redecoration carried out 58; Cleanliness improved 46; Washing facilities provided or improved 10; Nailbrushes provided 18; Provision of refuse receptacles 25; Protection of food from risk of contamination 76.

Food Vehicles: Number inspected 116; Name and address provided 32; Hot and cold water provided 12; Provision of nailbrushes, etc., 18; Protection of food from risk of contamination 30; Provision of refuse receptacles 23.

SLAUGHTERING FACILITIES AND MEAT INSPECTIONS

Meat Inspection Regulations 1963

In 1970 there were 34,853 animals slaughtered at the private abattoir in Port Talbot, this compares with 34,832 in 1969.

The record of the number of animals killed week by week is shown on pages 35 to 37. The following also gives comparative figures for the previous ten years.

1961	13,019	1966	14,892
1962	12,746	1967	29,087
1963	12,349	1968	38,806
1964	12,672	1969	34,832
1965	12,866	1970	34,853

SLAUGHTERHOUSE MEAT CONDEMNATIONS FOR YEAR 1970

Bulls, Bullocks and Heifers

DISEASES OTHER THAN TUBERCULOSIS:

1 Carcase	— Septic Pneumonia.
18 Heads and Tongues	— 13 Actinobacillosis; 4 Abscess; 1 Cyst.
11 Hearts	— 1 C. Bovis; 8 Pericarditis; 2 Abscess.
510 Lungs	— 134 Pleurisy; 189 Hydatid Cysts; 5 Abscess; 43 Congested; 98 Pneumonia; 9 Parasitic; 1 Degenerated; 1 Emphysema; 27 Stomach contents; 3 Splashing.
1137 Livers	— 941 Distomatosis; 18 Cavernous Angiomata; 133 Abscess; 6 Peritonitis; 39 Hydatid Cysts.
99 Part Livers	— 99 Distomatosis.
2 Spleens	— 2 Inflammation.
21 Skirts	— 7 Abscess; 4 Pleurisy; 10 Peritonitis;
1 Mesentery & Intestine	— Peritonitis.
2 Omentum & Stomach	— Peritonitis.
2 Kidneys	— 1 Nephritis; 1 Hydatid Cyst.

Cows

1 Carcase and all organs	— Extensive Bruising.
36 Lungs	— 14 Pleurisy; 17 Hydatid Cysts; 1 Congestion; 4 Pneumonia.
4 Part Livers	— 2 Distoma; 2 Cirrhosis.
70 Livers	— 33 Distoma; 25 Cavernous Angioma; 3 Abscess; 7 Hydatid Cyst; 2 Bacteria Necrosis.
1 Spleen	— Peritonitis.
1 Kidney	— Nephritis.

Calves

1 Carcase	— Septic Pneumonia.
1 Carcase and all organs	— Gen. Fevered Condition.
12 Lungs	— 10 Pneumonia; 2 Pleurisy.

Pigs

TUBERCULOSIS:

124 Heads	— T.B.
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DISEASES OTHER THAN TUBERCULOSIS:

3 Carcases	— 1 Oedematous; 1 Pyaemia; 1 Septicemia.
3 Heads	— Abscess.
1 Head and Shoulder	— Abscess.
2 Pair Legs	— Abscess.
5,254 Lungs	— 3,694 Congestion; 10 Abscess; 1,394 Pneumonia; 138 Pleurisy; 18 Rufesens.
1,206 Livers	— 3 Distoma; 35 Peritonitis; 1,156 Ascaris Lumbricoides; 11 Parasitic; 1 Abscess.
17 Hearts	— Pericarditis.
26 Kidneys	— 16 Hydronephrosis; 2 Nephritis; 4 Abscess; 4 Petechial Haemorrhages.
2 Spleen	— Oedema.
3 Stomachs & Intestines	— Peritonitis.

Sheep

DISEASES OTHER THAN TUBERCULOSIS:

44 Whole Plucks	— 38 Pleurisy; 6 Peritonitis.
1 Carcase and Offal	— Oedema.
7 Carcases	— 5 Emaciated; 1 Oedema; 1 Tumours.
4 Parts of Carcase	— 2 Leg Abscess; 1 Bruised Leg; 1 Shoulder Abscess.
8,682 Lungs	— 6,397 Strongyli; 1,362 Parasitic; 642 Pneumonia; 45 Pleurisy; 55 Cysts; 180 Congested; 1 Abscess.
3,110 Livers	— 2,317 Distoma; 669 Parasitic; 14 Peritonitis; 67 Tenuicolis Cysts; 10 Abscess; 33 Hydatid Cysts;
31 Hearts	— 13 T. Ovis; 3 C. Ovis; 15 Pericarditis.
2 Plucks	— 2 Pleurisy and Peritonitis.
2 Kidneys	— 2 Petechial Haemorrhages.

The percentage figures of diseased animals over a period of years are as follows:—

Tuberculosis

Year.	Cattle excluding			Sheep and		Pigs.
	Cows.	Cows.	Calves.	Lambs.		
1961	0.93	—	—	—	2.81	
1962	0.61	—	—	—	1.07	
1963	0.24	—	—	—	1.19	
1964	0.08	—	—	—	1.07	
1965	—	—	—	—	0.57	
1966	—	—	—	—	.60	
1967	—	—	—	—	1.38	
1968	0.2	—	—	—	1.1	
1969	—	0.32	—	—	0.63	
1970	—	—	—	—	1.27	

Diseases other than Tuberculosis

Year.	Cattle excluding			Sheep and		Pigs.
	Cows.	Cows.	Calves.	Lambs.		
1961	32.92	40.0	0.79	14.6	35.57	
1962	26.86	10.0	1.5	16.01	38.55	
1963	28.96	—	0.95	17.86	43.55	
1964	45.84	—	—	27.98	36.42	
1965	50.2	—	—	33.88	38.8	
1966	56.2	48.2	—	36.5	40.63	
1967	58.49	56.43	0.32	32.65	44.6	
1968	58.01	29.4	0.7	32.90	45.52	
1969	44.45	15.01	2.25	27.23	33.60	
1970	47.94	36.93	8.74	37.13	55.05	

Bovine Cysticercosis

Year	CATTLE OTHER THAN COWS.			COWS.		
	Examined	Affected	Percentage	Examined	Affected	Percentage
1961	1969	10	0.90	5	—	—
1962	983	3	0.31	10	—	—
1963	1257	13	1.03	4	—	—
1964	1263	9	0.71	—	—	—
1965	1032	2	0.19	81	—	—
1966	1031	6	0.58	86	—	—
1967	1954	10	0.51	101	—	—
1968	2532	11	0.4	388	—	—
1969	2428	9	0.37	313	1	0.32
1970	2787	2	0.07	176	—	—

**UN SOUND OR UNWHOLESOME FOOD CONDEMNED OR SURRENDERED
FROM FOOD PREMISES THROUGHOUT THE BOROUGH DURING
THE YEAR**

As in previous years shopkeepers bring to the Department any unsound food which they have on their premises in order that we may give surrender notes for them. This is the best system that can be devised as shopkeepers are by this means enabled to have the incentive to rotate their stock and to extract from it any doubtful canned foods or otherwise unsound food which they may have on the premises.

Fish: 14 cwt. 29 lbs.

Tinned Meat: 6 cwt. 59 lbs.

Tinned Foods: 1 ton. 2 cwts. 5 lbs.

Raw Meat: 1 ton. 39 lbs. (excluding meat condemned at the Abattoir).

Year	Quantity	Weight	Value
1910	2	0.0	0.0
1911	8	0.0	0.0
1912	10	0.0	0.0
1913	4	0.0	0.0
1914	—	0.0	0.0
1915	18	0.0	0.0
1916	88	0.0	0.0
1917	101	0.0	0.0
1918	388	0.0	0.0
1919	313	0.0	0.0
1920	179	0.0	0.0

ANNUAL SLAUGHTERING RETURNS

The weekly slaughtering returns for 1970 were as follows:—

1970 Week Ending	GRAND		BULLS, BULLOCKS AND HEIFERS		COWS		CALVES		SHEEP		PIGS	
	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals
Jan. 4	467		38		—		2		334		93	
11	796		68		6		—		533		189	
18	813		45		6		7		497		258	
25	782		48		5		1		537		191	
31	752	3610	53	252	1	18	3	13	493	2394	202	933
Feb. 8	765		53		6		1		495		210	
15	701		52		2		—		431		216	
22	535		49		7		4		282		193	
29	612	6223	50	456	6	39	4	22	352	3954	200	1752
March 8	594		55		10		5		315		209	
15	503		51		11		5		245		191	
22	485		51		11		2		219		202	
29	365		51		4		11		142		157	
31	122	8292	18	682	—	75	2	47	47	4922	55	2566
April 5	260		27		—		—		84		149	
12	466		60		3		12		189		202	
19	463		61		5		6		170		221	
26	443		56		7		6		171		203	
30	287	10211	19	905	12	102	2	73	144	5680	110	3451
May 3	118		29		—		—		30		59	
10	422		40		—		8		213		161	
17	272		54		—		—		61		157	
24	507		47		—		7		284		169	
31	390	11920	51	1126	—	102	—	88	229	6497	110	4107
June 7	482		50		—		5		279		148	
14	500		47		1		6		306		140	
21	563		49		—		—		360		154	
28	581		57		—		2		344		178	
30	278	14324	16	1345	2	105	—	101	191	7977	69	4796

Annual Slaughtering Returns—Continued.

1970		GRAND		BULLS, BULLOCKS AND HEIFERS		COWS		CALVES		SHEEP		PIGS		
Week Ending	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals	Weekly Totals	Monthly Totals
July 5	321		37		10			2			197		75	
12	641		53		4			1			426		157	
19	579		58								342		179	
26	723		51					3			486		183	
31	675	17263	52	1596		119		1	108		492	9920	130	5520
Aug. 1	94		5								49		40	
8	659		44		1			5			458		152	
15	867		55		1			4			613		194	
22	841		56		1						597		187	
29	744	20468	63	1819	1	122		8	125		479	12116	193	6286
Sept. 6	638		43		1			5			447		142	
13	809		62					1			551		195	
20	720		50					1			488		181	
27	706		54					4			498		146	
30	564	23905	12	2040	4	127		2	138		413	14513	137	7087
Oct. 3	245		39		2						162		42	
10	840		70		3			7			543		217	
17	828		54					2			552		220	
24	838		55					5			572		206	
31	897	26653	59	2317	9	141		5	157		604	16946	220	7992
Nov. 8	943		70		8			1			668		196	
15	831		60		4			1			642		124	
22	836		53		5			2			601		175	
29	900		52		3			1			683		161	
Dec. 30	186	31249	5	2557	1	162			162		130	19670	50	8698
6	655		45		2			1			445		140	
13	1008		49		5			4			709		241	
20	993		65		7			4			707		210	
27	480		13								244		223	
31	468	34853	36	2787		176			171		314	27089	118	9630

Summary of Annual Slaughter

Bulls, Bullocks and Heifers	2,787
Cows	176
Calves	176
Sheep	27,089
Pigs	9,630

Carcases and Offal Inspected and Condemned in Whole or in Part during 1970

	Bulls, Bullocks and Heifers	Cows	Calves	Sheep & Lambs	Pigs
Number Killed	1	1	—	8	3
Number Inspected	2787	176	171	27089	9630
ALL DISEASES EXCEPT TUBERCULOSIS & CYSTICERCOSIS.	2787	176	171	27089	9630
Whole carcases condemned	1	1	—	8	3
Carcases of which some part or organ was condemned	1336	64	15	10052	5298
Percentage of number inspected affected with disease other than Tuberculosis	47.94%	36.93%	8.74%	37.13%	55.05%
TUBERCULOSIS ONLY.					
Whole Carcases condemned	—	—	1	—	—
Carcases of which some part of organ was condemned	—	—	—	—	124
Percentage of number inspected affected with Tuberculosis	—	—	—	—	1.27%
CYSTICERCOSIS.					
Generalised and totally condemned	—	—	—	—	—
Carcases of which some part or organ affected	2	—	—	—	—
Cases submitted to treatment by refrigeration	—	—	—	—	—
Percentage on number inspected affected with Cysticercosis	0.07%	—	—	—	—

FOOD SUBMITTED FOR ANALYSIS

Inspection and Sampling of Food and Drugs to safeguard quality, description, etc.

During the year 291 samples of various foods and drugs were taken and submitted to the Public Analyst at the County Public Health Laboratory, Cardiff.

21 of these samples were found to be adulterated or otherwise unsatisfactory.

The number of samples that we take is one which is satisfactory for the population of the Borough, and as always we spread the sampling over the whole Borough and endeavour to see that the variety of foods and drugs is as wide as possible.

The number and variety of foods submitted for analysis were as follows:-

Apples, dehydrated 1; Apple flakes, instant 1; Apple pie 1; Baby food, canned 1; Baking powder 1; Barley flakes 1; Beans, canned 1; Beetroot 1; Beverage, instant 1; Bread 1; Bread Mix 1; Butter 1; Cabbage, pickled 1; Cake covering 1; Cereal mixture 1; Cheese products 2; Cheese 1; Chocolate drink 2; Chicken curry seasoning 1; Coffee drink diabetic 1; Corn crisps 1; Cornflour 1; Cream 1; Cream sterilised 2; Custard powder 3; Coconut dessicated; 1 Coffee bags 1; Crispbread 1; Currants 1; Curry powder 1; Dates 2; Dessert, chocolate 1; Dessert powder 1; Fat, cooking 1; Figs 1; Fish paste 4; Flour confectionery 3; Fruit 1; Fruit salad, canned 1; Fruit juice 1; Gin 3; Ginger ground 1; Gravy preparation 3; Horseradish sauce 1; Honey 2; Ice-cream 13; Jam 3; Kipper fillets, canned 1; Lard 2; Marzipan 1; Macaroni pudding 1; Margarine 4; Milk 41; Milk, Channel Islands 8; Meat curry seasoning 1; Milk substitute powder 1; Milk, skimmed, low-fat 2; Molasses 1; Mushrooms, canned 1; Milk, skimmed, non-fat 1; Milk product, canned 1; Milk evaporated, canned 1; Mint sauce 1; Nuts and raisins 1; Oil, cooking 2; Oranges 3; Oil, groundnut 1; Pastry puff 1; Peanut butter 2; Peanuts, salted 1; Pepper, ground, white 1; Pickle mixed 1; Pilchards, canned 1; Potato, instant, mashed 3; Preserves 3; Peas, processed 2; Peel, mixed, cut 1; Peach halves, canned 1; Pie filling, canned 1; Plums in syrup 1; Rice crisps 1; Rice pudding, canned 1; Rosemary herb 1; Rum 2; Salad cream 1; Sauce 3; Sild in oil 1; Soft drinks 26; Soup, oxtail 1; Spice pickling 1; Sponges, trifle 1; Stuffing 2; Suet shredded 1; Sugar confectionery 1; Sugar various 2; Sweets 4; Strawberries, canned 1; Stuffing mix 1; Sultanas 1; Snack meal 2; Spice cinnamon 1; Sweetening tablets 1; Sage 1; Sauce mix 1; Soup canned 1; Tea 3; Tartare sauce 1; Tomatoes, canned 1; Table jelly 3; Tonic vegetable concentrate 2; Tuna fish, canned 1; Vodka 2; Vinegar 1; Whisky 6; Yogurt 3.

MEAT AND MEAT PRODUCTS

Beefburgers in gravy 1; Black pudding 1; Chicken in jelly, canned 1; Chicken curry, canned 1; Corned beef 2; Curry with beef and mushrooms 1; Ham and pork, canned 1; Ham roll 1; Liver, cooked 1; Meatballs in beef gravy, canned 2; Minced steak with gravy, canned 1; Meat Paste 2; Pork stuffed roll 2; Pork, chopped, canned 1; Stew, Irish 1; Steak, stewed in gravy, canned 5; Sausages, pork, canned 1; Steak and kidney pudding, canned 1; Sausages, beef with pork 3; Sausages beef 1; Sausages, pork 1.

Drugs and Medicinal Preparations

Antacid powder 1; Amitriptyline syrup 1; Chest and cough mixture 1; Cough pastilles 1; Floucinolone cream 1; Memenone cream 1; Milk of magnesia 1.

Total Number of samples	291
Genuine	270
Adulterated or otherwise unsatisfactory	21

This figure of 21 includes 10 samples which were submitted as special samples resulting upon complaints by residents in the town about food containing foreign material. The remaining 11 adulterated samples were as reported by the Public Analyst following normal sampling. Any proceedings taken as a result of adulterations will be found in the report on Magisterial Court Proceedings on page 58.

Private samples submitted to the Public Analyst as a result of complaints and also food containing foreign material were as follows:-

Portions of a ham roll with a flour beetle embedded in the dough; a loaf of bread contaminated by edible oil and grease; a sweet with a cigarette filter tip embedded in it; a can of processed peas containing a weevil; a bottle of milk containing amorphous and mineral debris; a pastry with a needle embedded in it; a felted mass of hair and skin in a pie; live insects in a packet of trifle sponges; an earwig in a portion of apple pie; corned beef stained with iron sulphide.

All incidents of this kind were reported to the Public Health and Housing Committee and action taken in accordance with their instructions.

The comparison with previous years is as follows:-

Year	No. of Samples taken.	Genuine.	Not Genuine
1960	307	305	2
1961	308	307	1
1962	308	316	2
1963	323	320	3
1964	327	320	7
1965	312	311	1
1966	299	289	10
1967	317	300	17
1968	315	303	12
1969	301	293	8
1970	291	270	21

Number of samples taken per 1,000 of population—Estimated 52,000	5.6
Percentage of Milks taken not conforming to standards in relation to number taken	Nil.
Percentage of Foods other than Milk not conforming to standards in relation to number taken	7.22

This latter percentage does not include the 10 samples which were taken as a result of private complaints.

PUBLIC HEALTH REGULATIONS

Certain other general public health regulations such as those connected with anti-oxidants, preservatives, colouring matters, lead and arsenic emulsifiers and stabilisers were taken into consideration in the analysis of all samples, all of which complied with the regulations.

LABELLING

All the samples complied with the requirements of the Labelling of Food Order, 1953.

THE PRESERVATIVES IN FOOD REGULATIONS, 1962 MILK AND DAIRIES (PRESERVATIVES) REGULATIONS, 1962

Milk:

All the samples of milk, condensed milk, cream and ice-cream were free from preservatives and colouring matters.

Drugs and Medicinal Preparations:

All samples of drugs were recorded as satisfactory and complied with standards as described in the British Pharmacopeia of the requirements of the Pharmacy and Medicines Act, 1941, and were pure for pharmaceutical purposes.

The Sale of Milk Regulations

The Regulations provide that unless milk contains a minimum of 3% fat and 8.5% solids other than milk fat it shall be presumed—unless the contrary is proved—that the milk is not genuine. The average percentage composition of the whole of the milk samples in the Borough of Port Talbot in 1970 was as follows:-

	Number of Milk samples taken.	Milk fat Percentage.	Non-fatty solids—Percentage.
Home	31	3.67	8.63
Channel Isles	6	4.70	9.12

The figures for the ten previous years were as follows:-

Year	No. of milk samples examined	Milk fat percentage		Non-fatty solids—percentage	
		(Home)	(C. Isles)	(Home)	(C. Isles)
1960	62	3.66%	—	8.65%	—
1961	44	3.71%	—	8.64%	—
1962	44	3.75%	—	8.69%	—
1963	65	3.73%	—	8.65%	—
1964	56	3.72%	—	8.60%	—
1965	48	3.83%	—	8.64%	—
1966	60	3.82%	—	8.75%	—
1967	57	4.72%	—	8.78%	—
1968	45	4.87%	—	9.07%	—
1969	50	3.57%	5.06%	8.42%	9.04%

**THE MILK AND DAIRIES (GENERAL) REGULATIONS 1959
THE MILK (SPECIAL DESIGNATION) REGULATIONS 1963
THE MILK AND DAIRIES (CHANNEL ISLANDS AND SOUTH
DEVON MILK). REGULATIONS, 1956**

The Ministry of Agriculture, Fisheries and Food remain responsible for duties in connection with dairy farms, and the registration of persons carrying on or proposing to engage in the business of the dairy farmer.

The Local Authority's duties are to enforce the Regulations relative to the treatment and handling of milk; the provisions regarding the infection of milk and protection against contamination, the cleansing and storage of vessels, utensils and appliances, the conveyance and distribution of milk, the registration of dairies other than dairy farms and of distributors.

The number of Licences granted for the sale of pasteurised, sterilised, and tuberculin tested milk in the Borough is 48.

All dairies and milk shops, etc., were regularly inspected throughout the year. Sampling of milk sold from wholesale and retail establishments and during delivery to various parts of the Borough was maintained. The number of samples procured, the examination undertaken, and the result of such examination were as follows:—

Milk Sampled for Bacteriological Purposes:

	Satisfactory.	Unsatisfactory.
Pasteurised	16	—
C.I. Pasteurised	9	—
Sterilised	7	—
Homogenised Pasteurised	19	—
	<hr/>	<hr/>
	51	—
	<hr/>	<hr/>

Milk Sampled for Adulteration:

Pasteurised	9	—
C.I. Pasteurised	10	—
Sterilised	9	—
Homogenised Pasteurised	21	—
	<hr/>	<hr/>
	49	—
	<hr/>	<hr/>

In addition there are installed in various shops and/or restaurants milk dispensers for the supply of milk for consumption on the premises. We keep a careful watch on the purity of this method of supplying milk.

Milk Sample—Brucella Abortus

There were no samples for this period during the year. In consultation with the Public Analyst he felt that there had been sufficient sampling carried out in the area at processing centres.

**PREMISES REGISTERED UNDER SECTION 16
FOOD AND DRUGS ACT, 1955**

Ice Cream Premises 134; Fish Frying Premises 20; Sausage and Prepared Meat Premises 39.

These premises are maintained in a satisfactory condition.

Food Hygiene (General) Regulations, 1960

The following are the variety of food premises for which complete records are maintained.

CATEGORY—	No. of Premises	No. fitted to comply with Reg. 16	No. to which Reg. 19 applies	No. fitted to comply with Reg. 19
Ice Cream Premises	134	134	134	122
Fish Friers Premises	20	20	20	20
Sausages and Prepared Meat Premises	39	35	39	35
Licensed Premises & Clubs	60	60	60	60
Bakehouses	7	7	7	—
Greengrocers	10	10	—	—
Wet Fish, Fruit & Veg.	9	9	9	9
Grocers	160	156	160	156
Catering Establishments ...	32	32	32	32
Butchers Premises	35	32	35	35
TOTAL	506	495	496	469

Poultry Inspection

Poultry is examined in routine inspection at all retail outlets within the Borough. We have no poultry processing premises.

WATER SAMPLES

Five hundred and seventy-eight samples of water were taken for bacteriological examinations during the year. This represents a carefully selected series of samples prepared in consultation with the Medical Officer of Health, and by the West Glamorgan Water Board, so that month by month a complete check is made of every source used in the Borough for drinking purposes and also for swimming purposes at our indoor baths.

Of the samples taken thirty-eight were found to be unsatisfactory. Of these ten were from unchlorinated water taken before treatment. All are summarised below:-

Before Chlorination:

River Neath	1
River Neath—Intake	3
Cwmwnderi	3
Cwmgwineu	3
Cwmphillip	3

After Chlorination:

Aberavon Area	2
Margam Area	7
Goytre Area	2
Bryn Area	2
Baglan Area	1
Ynysygwas	2
River Neath	12

Swimming Pools and Paddling Pools

198 samples of water were taken for bacteriological examination and 188 for chemical examination. There were 3 unsatisfactory bacteriological results and these circumstances were immediately rectified.

During the year the attention of the department continued in efforts to improve Food Hygiene practice. Reorganisation within the department resulted in an increase in this activity over previous years.

There was initiated an up to date survey of all food premises in the Borough and this continues. In addition regular routine visits were made to certain types of food premises such as dairies, fried fish and chip shops, sausage manufacturers, restaurant kitchens and canteens, etc.

During the inspections, a good deal of informative literature relating to clean food practices was distributed to food traders. This included copies of Guides to the Food Hygiene Regulations, and Clean Food Codes which I intend to make available to every person employed in the Borough as a food handler.

Also delivered to certain retailers concerned with the sale of such perishable food is an excellent leaflet published by the Association of Public Health Inspectors, giving advice on the retailing of Meat Pies, Cooked Meats and Sausages, and a booklet describing The Safe Use of Food Slicing Machines is being given to every establishment in which such machines are in operation, in an effort to prevent accidents to staff using and cleaning these machines.

Since the first Food Hygiene Regulations came into force in 1955 there has been a continuous improvement in standards whilst, at the same time, there has been a considerable change in the character of food handling establishments. Retail premises of counter service types are being replaced more and more by the self-service type of premises.

There is impending new legislation in respect of food premises, and I understand that there will be stronger provisions regarding the exposure for sale of open food and the necessity to cover or effectively screen such food from possible sources of contamination. Provisions of this nature will be of particular help in the protection of open food in self service establishments.

Numerous complaints in relation to foreign bodies in food were dealt with by the department and these are detailed in the Food and Drugs Section. During the investigation of a number of these the question of date stamping or coding of perishable foods figured prominently.

During the year there was considerable press publicity about date coding of such food, the problems of the use of open date-stamping and the dangers of sale and return methods of merchandising.

Obviously open date-stamping would create difficulties for manufacturers and retailers but would be a valuable safeguard for consumers. Some food manufacturers already adopt open date-stamping systems, but because the difficulties of extending the system are recognised, the Food Standards Committee is to review the subject.

I look forward to their recommendations with interest, and would only say that in the meantime manufacturers should be urged to use a national uniform coding system indicating date of manufacture and retailers should be advised of the coding and shelf-life of commodities.

BACTERIOLOGICAL SAMPLING OF ICE CREAM

During the year 13 samples of ice cream were taken for bacteriological examination. Of these all were reported by the Public Analyst as being satisfactory and classified Grade 1.

13 samples were taken for food and drugs purposes and the examination for preservatives and bacteriological substances. All these chemical results were reported upon satisfactory. We have 6 ice cream manufacturers and 147 registered for sale of ice cream. There are also a number of people selling ice cream from stalls, vehicles, etc.

INVESTIGATION OF ATMOSPHERIC POLLUTION

Daily Volumetric Readings of Smoke and Sulphur Dioxide— Monthly Readings of Deposits of Grit, Dust, Soot, Sulphur Dioxide

We continued through the year with our volumetric recording of smoke and sulphur dioxide at our five stations which are:-

- (a) Our own Department.
- (b) Groeswen Hospital, Margam.
- (c) The Pavilion, Margam.
- (d) Baglan Clinic.
- (e) Sandfields Library, Morrison Road.

In addition, as usual the British Steel Corporation continued their own recordings from their own stations and the exchange of Analyst's reports continued.

Measurements are made for grit and dust by means of the British Standard Deposit Gauge. Set out on page 45 is the tabulated statement showing the highest/lowest/average readings of smoke and sulphur dioxide from each of the five stations, and on pages 47 and 48 are the usual statistics giving the record deposits of grit, dust, soot, etc. and sulphur pollution recorded by ourselves and the British Steel Corporation.

DAILY RECORDING OF SMOKE AND SULPHUR DIOXIDE
Monthly Mean Readings

(Units in Microgrammes per Cu. Centimetre)

MONTH.	STATION.	SMOKE.			SULPHUR DIOXIDE		
		Highest.	Lowest.	Ave.	Highest.	Lowest.	Ave.
January—	Office	136	14	48	194	47	132
	Groeswen	102	2	37	61	ALK	10
	Tollgate Park	76	10	35	76	10	72
	Clinic, Baglan	113	22	45	128	39	74
	Morrison Rd. Library	96	3	37	183	41	54
February—	Office	66	14	47	170	45	103
	Groeswen	158	41	74	348	76	203
	Tollgate Park	55	2	33	50	14	29
	Clinic, Baglan	89	0	24	121	41	77
	Morrison Rd. Library	113	7	39	65	29	45
March—	Office	62	18	36	190	59	115
	Groeswen	130	35	74	408	54	262
	Tollgate Park	59	4	29	95	0	22
	Clinic, Baglan	34	0	13	210	31	84
	Morrison Rd. Library	72	4	28	76	17	44
April—	Office	59	8	32	118	30	74
	Groeswen	62	12	33	145	36	92
	Tollgate Park	62	9	22	70	0	29
	Clinic, Baglan	33	5	15	110	47	74
	Morrison Rd. Library	49	8	23	57	28	38
May—	Office	42	5	24	108	37	74
	Groeswen	66	3	31	173	35	101
	Tollgate Park	60	2	26	104	0	44
	Clinic, Baglan	39	5	17	158	66	105
	Morrison Rd. Library	43	3	19	63	40	53
June—	Office	83	1	24	123	0	75
	Groeswen	52	1	21	131	ALK	66
	Tollgate Park	85	1	22	82	0	33
	Clinic, Baglan	Insufficient Air for readings					
	Morrison Rd. Library	26	3	14	81	46	60
July—	Office	41	5	16	99	24	61
	Groeswen	43	1	20	128	0	76
	Tollgate Park	Insufficient Air for readings					
	Clinic, Baglan	22	2	10	122	56	93
	Morrison Rd. Library	17	3	8	102	34	61
August—	Office	40	5	25	94	31	64
	Groeswen	86	11	29	188	14	79
	Tollgate Park	51	4	22	101	13	53
	Clinic, Baglan	21	5	13	147	85	119
	Morrison Rd. Library	29	2	13	106	36	66
September—	Office	110	8	42	142	30	70
	Groeswen	46	12	22	223	7	77
	Tollgate Park	34	1	18	197	ALK	37
	Clinic, Baglan	19	2	78	245	62	66
	Morrison Rd. Library	36	6	16	126	17	52
	Foel Mountain	23	1	7	76	ALK	17
October—	Office	67	4	30	113	13	62
	Groeswen	101	5	34	348	28	86
	Tollgate Park	101	2	24	117	37	23
	Clinic, Baglan	40	2	20	105	0	46
	Morrison Rd. Library	70	3	23	85	34	52
	Foel Mountain	21	0	6	49	ALK	14
November—	Office	140	12	31	130	16	73
	Groeswen	90	5	30	262	ALK	48
	Tollgate Park	101	2	24	117	37	23
	Clinic, Baglan	65	6	18	168	22	63
	Morrison Rd. Library	84	3	28	89	17	50
	Foel Mountain	30	0	6	29	ALK	7
December—	Office	91	16	41	144	26	70
	Groeswen	171	19	52	180	0	65
	Tollgate Park	48	9	30	87	ALK	26
	Clinic, Baglan	62	2	26	228	21	72
	Morrison Rd. Library	160	16	56	130	19	49
	Foel Mountain	30	2	13	30	ALK	7

INSTALLATION AND PRIOR APPROVAL OF NEW FURNACES

Section 3 Clean Air Act 1956 requires all new furnaces (except domestic ones) to be capable of being operated continuously without emitting smoke when burning fuel of a kind for which they are designed.

Notification to the Local Authority is also necessary when it is intended to install a furnace exceeding an output of 55,000 b.t.u's per hour.

The following notices of intention to install apparatus were received from:-

1. G. Hadow and Sons Ltd. for Johnsons (Closures) Ltd., Port Talbot.
2. New Glow Ltd., Prince of Wales Dry Dock Co., Port Talbot.
3. James and Watkins Ltd., Riverside Abattoir, Port Talbot.
4. Launderette at Shop No. 4 Morrison Road, Aberavon, Port Talbot.

CONTROL OF CHIMNEY HEIGHTS

The Heights of Chimneys has now been transferred from the Clean Air Act, 1956 to the Clean Air (Height of Chimneys) Regulations, 1969. All applications must now be made on the prescribed form issued by the Council.

ALKALI WORKS

The following local works and processes are under the control of the Alkali Inspectorate under the provisions of the Alkali, etc., Works Order.

Name of Firm:	Work or Processes Registered:
British Steel Corporation	Sulphate of Ammonia, Benzene, Gas and Coke, Iron and Steel, (Blast Furnaces) Sinter Plant, Open Hearth Furnaces, Bessemer Furnaces, Oxygen.
Wales Gas Board	Gas and Coke.
The Distillers Company Limited	Lime.
Metallurgical Chemists Ltd.	Paraffin, Oil, Hydrochloric Acid.
B.P. (Chemicals) Ltd.	Paraffin, Oil, Chlorine.

Close co-operation has been maintained with Mr. J. C. Peabody, District Alkali Inspector, in matters relating to atmospheric pollution which are of a joint problem.

**RECORDS OF DEPOSITED POLLUTION OF DUST,
SOOT, Etc.**

(In tons per sq. mile)

Month.	TAIBACH						
	1964.	1965.	1966.	1967.	1968.	1969.	1970.
January	17.69	79.30	x	42.50	49.29	69.90	25.23
February	14.34	3.83	68.78	53.52	26.68	21.28	36.72
March	22.01	46.07	63.92	57.07	37.39	12.48	31.82
April	51.37	57.25	47.88	32.58	25.80	39.10	53.65
May	82.78†	55.40	94.55	80.74	34.41	56.16	16.02
June	74.36‡	102.77	33.02	33.50	59.80	28.20	17.11
July		57.25	38.68	64.16	29.14	18.30	18.90
August	40.19	34.66	47.15	35.10	40.46	22.77	20.44
September	46.19	22.93	53.07	56.00	43.47	23.10	78.54
October	49.86	33.53	49.92	115.32	48.9	25.74	46.48
November	59.86	38.91	50.57	36.60	17.98	46.44	51.25
December	90.93	140.03	73.60	56.73	30.30	30.14	15.81
TOTAL	594.98	671.93	618.14	663.82	443.71	393.61	411.97

x Bottle Stolen. † 1st May—11th June
‡ 12th June—31st July

DEPOSITED POLLUTION OF DUST, SOOT, Etc.
(In tons per square mile).
Records supplied by the Steel Company of Wales.

STATIONS.

MONTH	THOMAS BROS.			BAGLAN HALL			COLLEGE OF FURTHER EDUCATION					
	1967	1968	1969	1970	1967	1968	1969	1970	1967	1968	1969	1970
January	23.68	14.36	18.16	63.57	12.15	*	8.31	7.70	34.33	19.73	53.8	34.93
February	18.52	12.96	6.29	27.70	12.75	4.13	3.84	13.07	34.92	31.62	33.54	*
March	15.72	27.77	15.02	13.77	4.85	12.93	5.45	11.27	31.26	42.09	38.77	24.74
April	11.04	7.48	16.76	19.50	24.06	10.48	8.90	12.01	22.11	23.83	34.24	19.65
May	29.68	*	20.61	13.23	37.37	*	*	12.28	38.07	*	38.77	12.42
June	7.68	20.33	11.66	17.56	4.19	32.72	12.58	13.22	23.05	58.75	19.21	25.34
July	20.96	11.64	13.97	13.67	22.03	10.40	5.94	14.00	49.6	30.04	20.96	31.17
August	26.19	*	34.93	7.62	10.65	*	46.96	*	45.75	*	26.54	19.39
September	46.11	41.22	11.17	13.38	*	24.45	5.76	8.44	65.67	51.35	19.21	19.23
October	33.88	12.23	12.92	19.54	6.67	7.26	3.50	14.02	31.43	39.64	15.02	36.82
November	20.57	6.98	*	24.57	12.26	4.19	†	*	31.79	19.21	*	42.80
December	19.35	7.33	22.71	13.13	14.01	6.11	8.35	*	19.24	24.45	**	44.03
TOTAL	273.27	162.30	184.20	247.24	160.99	112.67	109.59	106.01	427.12	340.71	300.06	310.52

* No sample—funnel accidentally removed, or bottle broken.

† November and December one combined reading.

** Bottle broken.

INVESTIGATION OF ATMOSPHERIC POLLUTION

Sulphur Pollution Records as Supplied by Steel Company of Wales.
(Estimation by lead peroxide)

STATIONS.

MONTH	THOMAS BROS.		COLLEGE OF FURTHER EDUCATION		BAGLAN HALL, PORT TALBOT	
	1968	1969	1968	1969	1968	1970
January	1.41	3.53	2.22	1.55	0.42	0.51
February	2.16	1.25	1.68	1.39	0.69	0.50
March	1.50	2.08	1.51	1.65	0.49	1.65
April	1.72	1.27	1.09	1.90	0.63	0.42
May	*	1.08	*	1.08	*	0.25
June	0.62	0.72	1.03	0.90	0.25	0.34
July	0.75	0.75	0.81	1.09	0.23	0.21
August	*	0.83	*	0.69	*	0.21
September	1.31	0.78	1.31	0.92	0.26	0.22
October	2.55	1.16	1.60	1.40	0.29	0.17
November	3.15	†	2.12	†	0.54	†
December	2.08	1.96	2.93	2.23	0.61	0.65
TOTAL	17.25	15.41	16.30	14.80	4.41	5.13
			18.75			5.36

* No result, sample spoiled. † Combined reading for November and December.

PORT TALBOT RAINFALL
(Rainfall in inches)

Month.	GROES.						
	1964	1965	1966	1967	1968	1969	1970
January	0.80	4.93	2.84	3.38	*	0.21	8.40
February	1.86	0.07	4.88	4.97	1.51	1.77	4.18
March	3.42	3.17	2.34	1.97	2.49	2.76	2.49
April	2.07	2.94	5.93	1.26	2.47	2.13	2.88
May	2.60	3.12	3.43	6.14	3.21	4.61	1.43
June	2.01	4.07	3.57	0.96	4.81	2.72	2.26
July	3.25	4.62	2.13	4.30	*	2.63	4.49
August	2.76	2.08	4.01		2.51	4.10	2.42
September	1.74	3.66	2.00	8.20	5.85	2.11	2.92
October	4.28	1.31	4.55	9.43	5.60	0.97	5.03
November	3.01	4.85	2.96	2.29	3.33	5.41	10.31
December	5.76	11.12	5.63	4.79	3.56	3.66	3.01
TOTAL	33.56	45.94	44.27	47.69	41.68	33.08	49.82

Month.	REGENT, TAIBACH						
	1964	1965	1966	1967	1968	1969	1970
January	0.85	4.87	*	2.81	3.95	6.14	8.57
February	1.36	0.03	4.80	4.64	1.29	0.95	5.18
March	3.05	2.33	1.97	3.18	1.31	2.52	2.80
April	1.98	2.66	4.87	1.06	2.32	1.85	3.41
May	3.32†	3.25	4.30	8.38	3.15	4.40	1.47
June	3.34‡	3.81	2.28	1.27	4.76	2.56	3.20
July		3.76	2.30	3.93	3.69	2.35	3.70
August	2.27	2.27	3.25	2.49	3.06	2.05	2.40
September	1.63	2.30	1.43	5.35	4.59	2.07	4.15
October	4.46	0.74	5.87	6.36	4.57	1.06	5.08
November	3.36	4.15	3.03	2.27	2.96	6.22	7.32
December	5.90	6.82	5.25	4.47	3.23	4.00	2.73
TOTAL	31.52	37.19	39.35	46.21	38.89	36.17	50.01

* Bottle broken or stolen. † 1st May—11th June. ‡ 12th June—31st July.

PORT TALBOT SUNSHINE
(Sunshine in hours)

Month.	GROES.						
	1964	1965	1966	1967	1968	1969	1970
January	35.1	65.9	34.1	56.4	*	35.1	50.3
February	45.8	50.6	35.1	99.9	99.8	72.3	102.1
March	94.5	136.2	118.7	136.7	138.8	105.6	140.3
April	120.8	173.1	123.4	141.5	147.0	198.4	128.9
May	134.8	155.1	226.2	149.5	148.2	155.8	179.3
June	109.4	155.7	161.5	188.2	174.8	160.0	211.7
July	131.6	131.4	181.9	180.9	*	171.4	143.9
August	155.5	192.0	187.7	*	163.2	169.0	145.6
September	149.3	113.8	163.6	142.8	136.1	101.2	128.6
October	95.5	139.7	116.3	68.1	47.3	120.5	93.8
November	74.6	84.2	72.4	97.7	60.7	138.3	155.5
December	46.8	61.4	43.3	58.3	48.5	55.2	67.3
TOTAL	1193.7	1469.1	1464.2	1320.0	1164.4	1482.8	1347.3

* No Result

The following list indicates those chimney stacks in the Borough which still come under our own supervision and those coming within the control of the Alkali Inspectorate:—

No.	DESCRIPTION		Ground.		
			Height above Ft.	Ins.	
LOCAL AUTHORITY.	(1	Margam "A" Power House	— 5 Chimneys	105	0
	(2A	Margam "B" Power House	— 1 Chimney	120	9
	(2B	Margam "B" Power House	— 1 Chimney	230	0
	(3	Abbey Soaking Pits	— 12 Chimneys	100	0
	(	Abbey Soaking Pits	— 7 Chimneys	161	1½
	(	Abbey A, B & C Soaking Pits	— 3 Recuperators	136	0
	(4	Abbey Slab Reheating Furnaces	— 5 Recuperators	136	3½
	(5	Abbey Annealing Furnaces	— 9 Chimneys (Ducts)	80	0
	(6A	Abbey Services Boiler House	— 1 Chimney	157	10
	(6B	Abbey Services Boiler House	— 1 Chimney	220	0
	(42	Vacuum Degassing Boiler	— 1 Chimney	120	0
	MARGAM:				
	(8	No. 1 Blast Furnace Bleeder	— 3 Uptakes	192	8½
	(9	No. 2 Blast Furnace Bleeder	— 3 "	223	11
(10	No. 3 Blast Furnace Bleeder	— 3 "	223	11	
(11	No. 4 Blast Furnace Bleeder	— 3 "	251	5	
(12	No. 5 Blast Furnace Bleeder	— 3 "	253	6½	
(13	No. 1 Blast Furnace	— 1 Chimney (Stove)	203	6	
(14	No. 2 Blast Furnace	— 1 " "	203	6	
(15	No. 3 Blast Furnace	— 1 " "	203	6	
(16	No. 4 Blast Furnace	— 1 " "	242	0	
(17	No. 5 Blast Furnace	— 1 " "	242	0	
(18	No. 4 Blast Furnace Bleeder Stack	— 3 Chimneys	240	9	
(19	No. 5 Blast Furnace Bleeder Stack	— 3 " "	242	0	
(20A	Blast Furnace Clean Gas Bleeder	— 1 Chimney	114	6	
(20B	Blast Furnace Clean Gas Bleeder	— 1 Chimney	64	9	
ALKALI INSPECTORATE.	(21	Coke Ovens No. 2 Battery	— 1 "	235	10
	(22	Coke Ovens No. 3 Battery	— 1 "	235	10
	(23	Coke Ovens No. 4 Battery	— 1 "	257	6
	(24	Coke Ovens No. 5 Battery	— 1 "	235	8
	(25	Coke Oven Gas Bleeder Stack (new)	— 3 Chimneys	210	0
	(26	Coke Oven Gas Bleeder Stack (old)	— 1 Chimney	85	0
	(27A	Sinter Plant	— 1 "	279	8½
	(27B	Sinter Plant	— 1 "	278	10½
	(28	Sinter Strand	— 4 Chimneys	121	9
	(29	Sinter Strand	— 4 "	103	4½
	(30	Sinter Strand	— 4 "	85	7½
	(31	E.P. Plant	— 1 Chimney	120	0
	(32	Attritor House	— 1 "	75	8
	(33	Sludge Filtration Plant	— 1 "	56	0
	ABBHEY:				
	(34	Melting Shop	— 12 Chimneys * (4)	151	6½
	(35	Dust Precip. Plants (Maerz Furn. P.R.S.T.)	— 2 Chimneys	220	3
(36	No. 6 Coke Oven Battery	— 1 Chimney	259	1	
(37	Coke Oven Gas Bleeder Stack	— 3 Chimneys	150	10	
(38	Slab Deseamer (Scarfer)	— 1 Chimney	58	6	
(39	B.O.S. Plant	— 2 Waste Gas Uptakes	246	0	
(40	Fume Exhaust	— 4 Waste Gas Uptakes	100	0	
(41	B.O.S. Secondary Vent. Duct.	— 1 Waste Gas Uptake	58	3	
(7	Acid Recovery Plant	— 2 Chimneys	120	0	

* Not in Normal Use.

FACTORIES

The activities of your Chief Public Health Inspector's Department in relation to those duties imposed upon this Council by the Factory Acts of 1937/61 were as follows:—

1.—Inspection of Factories.

Premises on Register (1)	Inspection (2)	Number of written Notices (3)	Occupiers Prosecuted (4)
176	88	3	—

2.—Particulars Found in Factories.

CASES IN WHICH DEFECTS WERE FOUND									
Particulars	Found	Remedied	Referred		To H.M. Inspector		By H.M. Inspector		Cases in which prose- cutions were instituted
Want of cleanliness (S.1)	23	23	—	—	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—	—	—	—	—
Inadequate Ventilation (S.4)	3	3	—	—	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—	—	—	—	—
Accumulation	—	—	—	—	—	—	—	—	—
Sanitary Conveniences (S.7):—									
(a) Insufficient	6	6	—	—	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—	—	—	—	—
(c) Not separate for sexes	1	1	—	—	—	—	—	—	—
Other offences against the Act (not including offences relating outworkers)	—	—	—	—	—	—	—	—	—
TOTAL	33	33	—	—	—	—	—	—	—

RODENT CONTROL

During the year the department embarked on a systematic and complete survey of the Borough Sewer System. All manhole covers were lifted and the manholes prebaited to determine the necessity or otherwise of poison baiting. At the same time the Sewer System was mapped with the intention of coding the inspection points for future reference.

The results of the prebaiting and poisoning of the sewers on a systematic coverage of complete and definite areas has proved to be encouraging. This routine is to be continued.

Regarding the complaints received in the office, these have been dealt with within twenty-four hours of receipt and, where necessary, inspections have been carried out of the area adjacent to the sites of complaint, and the necessary action taken to abate the nuisances. Complementary with this service the usual routine inspections have been made of food premises, offices, schools, canteens, etc. I am pleased to report that the department has received complete co-operation from the persons involved which has enabled any infestation to be quickly contained and then eradicated with a minimum of delay.

The annual report to the Ministry of Agriculture, Fisheries and Food is given below:-

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD

ANNUAL REPORT ON RATS AND MICE

**Prevention of Damage by Pests Act, 1949
Year ended 31st December, 1970**

Properties other than Sewers.	Type of Property.	
	Non-Agricultural	Agricultural.
1. Number of properties in district	18,699	59
2. (a) Total number of properties (including nearby premises) inspected following notification	720	3
(b) Number infested by (i) Rats	597	3
(ii) Mice	123	—
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification	431	40
(b) Number infested by (i) Rats	384	10
(ii) Mice	47	30
Sewers.		
4. Were any sewers infested by rats during the year? Yes.		

Maintenance Treatment of Rats in Sewers.

In accordance with the requirements of the Ministry of Agriculture Fisheries and Food a percentage of our sewer manholes are treated twice annually. Brief particulars of both treatments during the year are as follows:—

Treatment:

Number of manholes treated 711

Number showing Bait taken 140

Bait used: Wafarin, Zinc, Phosphide,
Arsenious Oxide.

NOISE ABATEMENT ACT 1960

Throughout the year further readings have been taken with the Precision Sound Level Recorder in order to obtain ambient noise levels throughout the area.

Further investigations have continued in conjunction with the B.P. International to ascertain noise levels from the B.P. International complex. Investigations were also carried out in conjunction with experts from Swansea and Cardiff University regarding noise emanating from the Works of the British Steel Corporation.

As was usual during the summer months, attention was given once more to the level of recorded music from the permanent Fun Fair at Aberavon Beach.

From the investigations reported above, the main causes of noise were from:—

- (1) Ejection of steam under pressure.
- (2) Induced and forced draught fans.
- (3) Playing of recorded music.

HOUSING ACT, 1957

The department continued its duties in the field of surveying and inspection of sub-standard housing on an active basis, with the number of closures of individual unfit properties showing a fourfold increase on the previous year.

The main area of inspections continued to be in Cwmavon, but with Councils programme of building in the village nearing completion, a higher proportion of properties in other parts of the Borough were the subject of inspections. Bryn and Aberavon were the main areas for these activities.

A statistical break down of Orders made under Part II of the Housing Act, 1957, is as follows:-

(i) Closing Orders	36
(ii) Closing Orders affecting part of a building	3
(iii) Demolition Orders	1

Under Part III Housing Act, 1957, the Secretary of State for Wales confirmed during the year three Compulsory Purchase Orders made during 1969. These were:-

**(a) Borough of Port Talbot (Ynys Afan Row, Cwmavon)
Clearance Area, Compulsory Purchase Order 1969**

A Public Inquiry was held on 6th January, 1970, and the Secretary of State confirmed the Order without modification on 27th April, 1970.

**(b) Borough of Port Talbot (Carmel Place, Aberavon)
Clearance Area, Compulsory Purchase Order 1969**

There were no objections in respect of this Order made on 17th December, 1969, and the Secretary of State confirmed it on 11th June, 1970.

**(c) Borough of Port Talbot (Tymaen Street, Cwmavon)
Clearance Area No. 4 Compulsory Purchase Order 1969**

The Secretary of State confirmed this Order in respect of which there had been a Public Inquiry on 11th November, 1969. The confirmation dated the 6th August, 1970, contained certain modifications in that he declared certain of the dwellings which had been cited as "unfit" to be classed as "fit for human habitation". The Minister, at the same time, agreed that all the dwellings in the confirmed Compulsory Purchase Order should be demolished.

During the year, in addition there were two Clearance Areas declared, both of which were converted into Compulsory Purchase Orders. They were:-

**(a) Borough of Port Talbot (Sandfields Road, Aberavon)
Clearance Area, Compulsory Purchase Order 1970**

This Compulsory Purchase Order involving nine houses (Nos. 40, 42, 44, 46, 48, 50, 54 and 56) was made on 21st October, 1970, No. 52 being included in Part II of the Order by reason of the narrowness or bad arrangement of the streets. No objections were received in connection with it, and the decision of the Secretary of State for Wales is awaited.

**(b) Borough of Port Talbot (Michaelstone Terrace, Cwmavon)
Clearance Area, Compulsory Purchase Order 1970**

This Compulsory Purchase Order was made on 22nd July, 1970. It included the ten properties in Michaelstone Terrace, of which three were included in Part II of the Order as fit houses in bad arrangement, and the remaining seven by reason of unfitness. One objection has been received against the making of the Order, and a Public Inquiry has been set by the Secretary of State for 16th February, 1971.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Registration:

During 1970 eight new registrations were received and ten premises previously registered were removed. A number of premises changed ownership but remained on the register.

The following table indicates the number of registered premises as on 31st December, 1970 with comparison figures for the years 1968 and 1969.

	1968	1969	1970
Offices	177	182	186
Retail Shops	406	411	405
Wholesale Shops, Warehouses	11	12	12
Catering Establishments open to the public, Canteens	40	40	40
TOTALS	634	645	643

The number of persons employed under the various categories of registered premises are as follows:—

	1968	1969	1970
Offices	997	1003	1017
Retail Shops	1442	1454	1439
Wholesale Shops and Warehouses	116	117	117
Catering	450	450	450
Canteens (not including Factory Canteens)	8	8	8
	1968	1969	1970
Females	1980	1975	1966
Males	1033	1057	1065

Factory Canteens are under the jurisdiction of the Factory Inspectorate.

Initial inspections of premises continued throughout the year as did considerable numbers of re-inspections. Fifty-eight contraventions were noted which necessitated the service of notices which are analysed in the following table :-

Sec. 4.	Failure to keep premises clean	11
Sec. 6.	Failure to provide thermometers	9
Sec. 6.	Inadequate means of heating	1
Sec. 7.	Rooms not effectively ventilated	2
Sec. 8.	Failure to provide suitable and sufficient lighting	
	(a) Rooms	2
	(b) Corridors/Staircases	—
Sec. 9.	Failure to provide sufficient sanitary accommodation	—
Sec. 9.	No indication which sex to use toilet	2
Sec. 9.	Failure to provide effectively ventilated sanitary accommodation	—
Sec. 9.	Fittings in need of repair	—
Sec. 9.	Failure to provide sufficient washing facilities	—
Sec. 10.	Failure to provide sufficient washing facilities	3
Sec. 12.	No provision for drying or hanging clothes	—
Sec. 16.	Failure to maintain floors and floor covering in good repair	
	(a) Rooms	5
	(b) Staircases	1
Sec. 16.	Corridors obstructed by stock, goods, etc.	3
Sec. 16.	Failure to provide handrails	—
Sec. 24.	Failure to provide First Aid Box	7
Sec. 50.	Failure to display Abstract of the Offices, Shops and Railway Premises Act, 1963	12

All new plans submitted to the Authority and subject to the Act are scrutinised and where necessary the developer has been informed should attention be required to conform with the Act.

Accidents:

During the year sixteen accidents were notified to the Chief Public Health Inspector's Office. Of these, fourteen were investigated. Following the investigation of an accident involving an employee who had the top of his thumb sliced off whilst cleaning a proprietary bacon slicing machine, it was found that the instructions given in the instruction booklet from the firm were not clear and, in fact, deviated from the advisory booklet "The Safe Use of Food Slicing Machines." It was felt that this accident warranted a full investigation on shops using dangerous machines in the district and the Department undertook to procure and deliver each premises with a copy of the Ministry's advisory booklet. It is felt that this action together with discussions with the various firms concerned, will help to prevent a reoccurrence of this type of accident.

Following up notices previously sent shows the following completed:-

Sec. 4. Cleanliness	54
Sec. 6. (a) Reasonable temperature	20
(b) Provision of thermometer	42
Sec. 7. Provision of adequate ventilation	17
Sec. 8. Lighting	
(a) Rooms	6
(b) Staircases	5
(c) Cleaning of windows	20
(d) Repairs to glazing	9
Sec. 9. (a) Provision of separate sanitary accommodation	1
(b) Cleanliness	20
(c) Adequate ventilation	10
(d) Obstructions removed	16
Sec. 10. (a) Washing facilities	3
(b) Hot Water	9
(c) Fixtures repaired	13
Sec. 12 Accommodation for clothing	10
Sec. 16. Floors and floor covering	13
Removal of obstructions	22
Repairs to staircases	2
Handrails	7
Sec. 24. First Aid Boxes	52
Abstract of Act provided	59

MAGISTERIAL COURT PROCEEDINGS 1970

Proceedings were taken before the Magistrates on the following cases:—

1. A local manufacturer of meat pies was proceeded against under the Meat Pie and Sausage Rolls Regulations, 1967 in respect of a deficiency of meat in a meat pie.

The defence submitted an argument that nowhere in the Regulations was there reference to a "meat and gravy pie", and that the pies in question were "meat and vegetable pies", with a consequent lower legal meat content. In actual fact the meat content of the pies was even below that required for "meat and vegetable pies", but after further legal argument and a retirement the Magistrates dismissed the case.

2. A multiple firm of grocers was charged under the provisions of section 2 of the Food and Drugs Act, 1955 in connection with the sale of a Pork, egg and ham pie in a mouldy condition.

The Magistrates found the case proved and imposed a fine of £20 together with costs amounting to £5.

3. Proceedings were taken against a wholesale Society under the Milk and Dairies Regulations, 1959 for failing to ensure that a milk bottle used for containing milk, was immediately before such use, in a state of thorough cleanliness.

Since the offence occurred outside the Borough, proceedings were taken before the Magistrates Court of the district where the offence occurred.

I believe that this is the first time that such proceedings have been taken.

NEW LEGISLATION

The following gives a short account of the more important legislation which came on the Statute Book during the year.

LEGISLATION 1970

Statutes

Chronically Sick and Disabled Persons Act, 1970
Food and Drugs (Milk) Act 1970
Local Authority Social Services Act 1970
Riding Establishments Act, 1970

Statutory Instruments

Department of the Environment

No. 109 Building (Fifth Amendment) Regulations 1970.
199 Caravan Sites Act (Part II) (Commencement) Order 1970.
615 Smoke Control Areas (Exempted Fireplaces) Order 1970.
817 Smoke Control Areas (Authorised Fuels) Regulations 1970.
1335 Building (Sixth Amendment) Regulations 1970.
1545 Smoke Control Areas (Authorised Fuels) (No. 2).
Regulations 1970.
1667 Smoke Control Areas (Exempted Fireplaces) (No. 2).
Order 1970.

Department of Health and Social Security.

- 1172 Food Hygiene (General) Regulations 1970.
- 1880 Public Health (Aircraft) Regulations 1970.
- 1881 Public Health (Ships) Regulations 1970.

Ministry of Agriculture, Fisheries and Food.

- 94 Cheese Regulations 1970.
- 400 Labelling of Food Regulations 1970.
- 752 Cream Regulations 1970.
- 1101 Emulsifiers and Stabilisers in Food (Amendment) Regulations 1970.
- 1102 Colouring Matter in Food (Amendment) Regulations 1970.
- 1277 The Milk (Eradication of Brucellosis) Scheme 1970.
- 1372 Diseases of Animals (Approved Disinfectants) Order 1970.
- 1597 Soft Drinks (Amendment) Regulations 1970.

CIRCULARS

Department of the Environment.

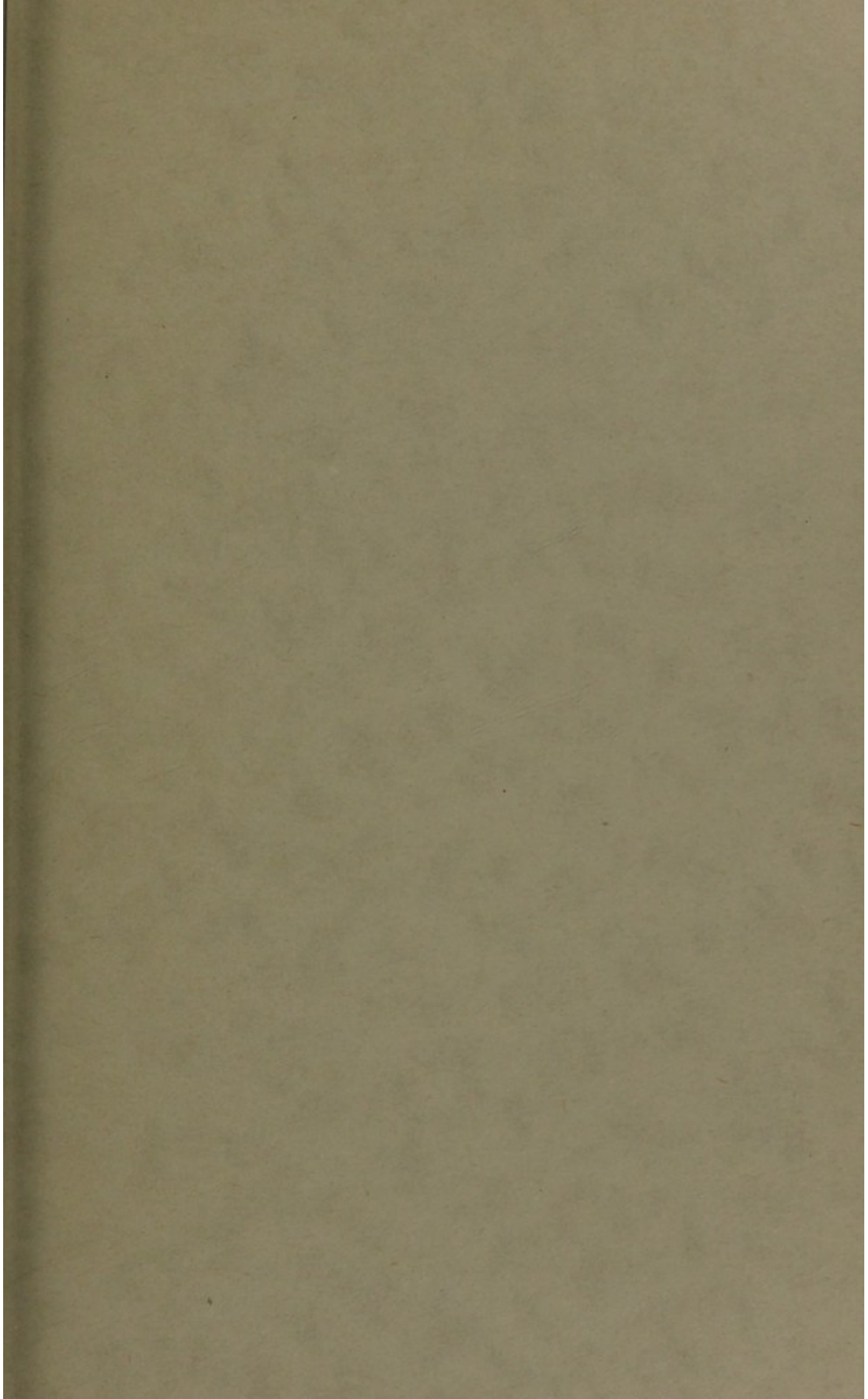
- 3 Public Health Act 1961. Building Regulations 1965. The Agreement Board.
- 4 Clean Air Act 1956. Exempted Fireplaces.
- 7 Standard Tests for Effluents 1 Fish Toxicity Test.
- 9 Building Regulations 1965. Notice of Intention.
- 10 Public Health Act, 1961. Building Regulations.
- 12 Storm Overflows and the Disposal of Storm Sewage.
- 17 Derelict Land.
- 19 Housing Act 1969. Publicity for Improvements.
- 21 Reform of Local Government in England: Areas and Boundaries.
- 25 Clean Air Act 1956. Exempted Fireplaces.
- 38 Gypsy Encampments—Part II Caravan Site Act 1968.
- 41 Conversion of Coke—burning Heating Appliances.
- 42 Clean Air Act, 1956. Smoke Control Areas (Authorised Fuels) Regulations 1970.
- 44 Clean Rivers.
- 50 Building Research Station Advisory Service.
- 61 Condensation in Dwellings.
- 63 Domestic Smoke Control. Availability of Solid Smokeless Fuel.
- 64 Report of the Working Party on Sewage Disposal.
- 69 Disposal of Solid Toxic Wastes.
- 73 Public Health Act 1961. Building Regulations.
- 77 Safe Disposal of Disused Refrigerators.
- 79 Housing Act 1969. House Improvement and Repair.
- 85 Clean Air Act 1956. Smoke Control Areas (Authorised Fuels) (No. 2) Regulations 1970.

Department of Health and Social Security.

- 12 The Chronically Sick and Disabled Persons Act 1970.

Ministry of Agriculture, Fisheries and Food.

- 2 Meat (Sterilisation) Regulations 1969.
- 4 Milk and Dairies (General) Regulations 1959: Approved Chemical Agents.
- 9 Milk and Dairies (General) Regulations 1959: Approved Chemical Agents.



1971

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