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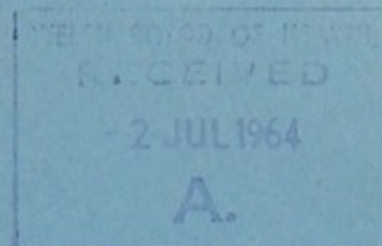
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**THE BLAENAVON
URBAN DISTRICT COUNCIL**

THE ANNUAL REPORT

of the

**MEDICAL OFFICER
OF HEALTH**



YEAR ended 31st December, 1963



BLAENAVON URBAN DISTRICT COUNCIL.

PUBLIC HEALTH REPORT

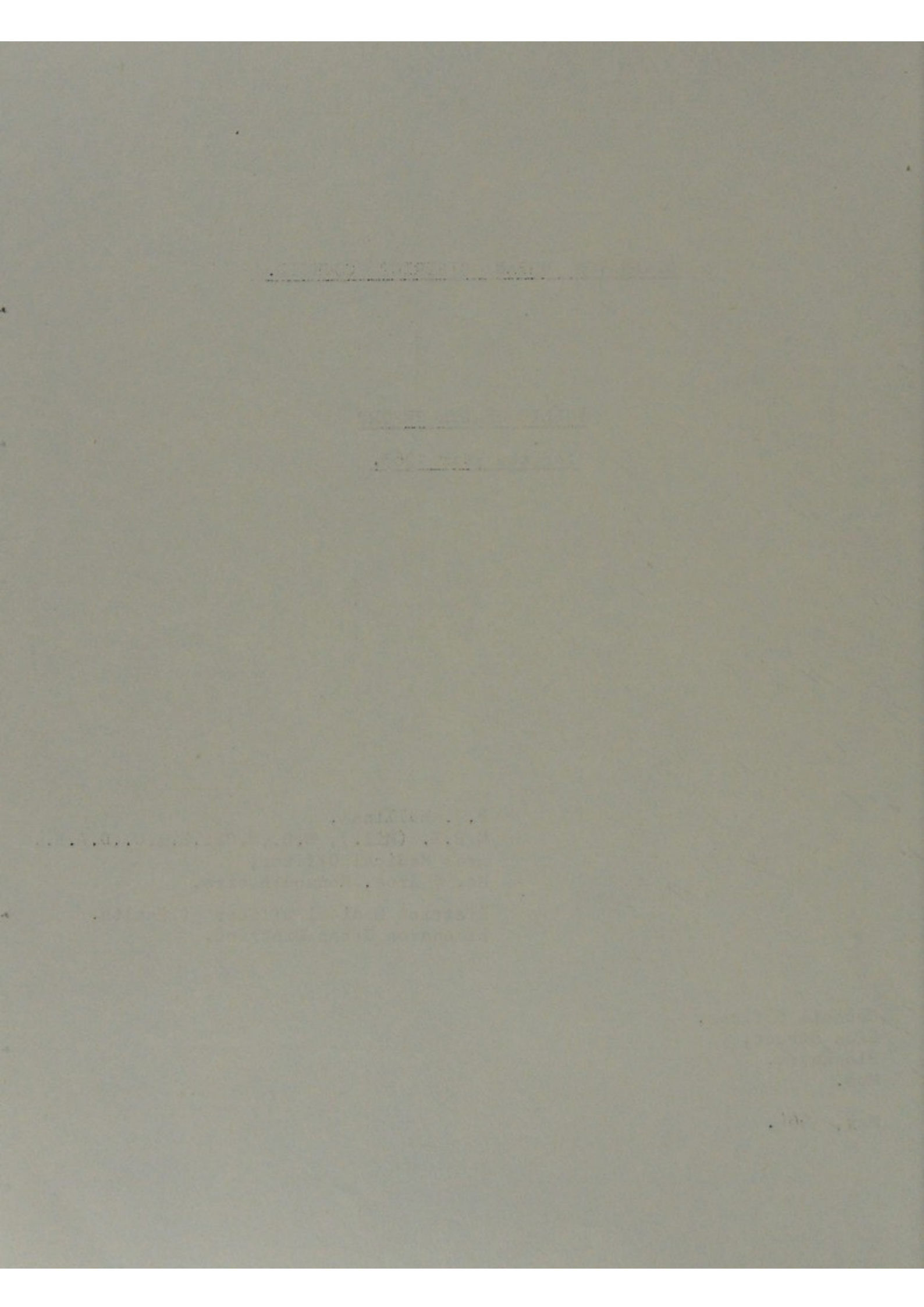
for the year 1963.

F.J. Hallinan,
M.B.E. (Mil.), M.B., B.CH., B.A.O., D.P.H.,
Area Medical Officer,
No. 7 Area, Monmouthshire.

District Medical Officer of Health,
Blaenavon Urban District.

Council Offices,
Lion Street,
Blaenavon,
Mon.

May, 1964.



BLAENAVON URBAN DISTRICT COUNCIL.

Statistics Summary - 1963.

Area of district	4,613 acres
Rateable value (1.4.'63)	£182,231
Estimated product of hd. rate (1.4.'63)	£480
Number of council-owned houses (31.12.'63)	506
Number of council houses built during 1963	Nil
Population (estimated mid 1963)	8,320
Number of live births (1963)	134
Live birth rate per 1,000 population	16.1
Number of illegitimate live births	4
Illegitimate live births per cent of total live births	3.0%
Number of stillbirths	3
Stillbirth rate per 1,000 total live and stillbirths	21.9
Total live and stillbirths	137
Number of infant deaths (under 1 year)	2
Infant mortality rate per 1,000 live births - total	14.9
Infant mortality rate per 1,000 legitimate live births - legitimate	15.4
Infant mortality rate per 1,000 illegitimate live births - illegitimate	Nil
Neo-natal mortality rate (deaths under 4 weeks per 1,000 total live births)	7.5
Perinatal mortality rate (stillbirths and deaths under 1 week combined per 1,000 total live and stillbirths)	29.2
Maternal mortality rate per 1,000 total live and stillbirths	Nil
Number of maternal deaths (including abortion)	Nil
Number of deaths (1963)	132
Death rate per 1,000 population	15.9

<u>Year</u>	<u>Births</u>	<u>Deaths</u>	<u>Natural increase</u>
1948	173	116	+57
1949	155	137	+18
1950	150	144	+ 6
1951	123	125	- 2
1952	129	137	- 8
1953	137	129	+ 8
1954	105	112	- 7
1955	104	158	-54
1956	119	128	- 9
1957	120	122	- 2
1958	122	119	+ 3
1959	119	110	+ 9
1960	118	118	0
1961	128	134	- 6
1962	130	124	+ 6
1963	134	132	+ 2

BLAENAVON URBAN DISTRICT COUNCIL.

Chairman:- Councillor S. Banks, J.P.
Vice-Chairman:- County Councillor R.A. Watkins.

Central Ward Councillors.

Councillor Miss A.M. Lewis, J.P.
County Councillor R.A. Watkins.
Councillor D.W. Puddle.
" E.C. Hutchins.
" E.J. Hobbs.
" A.R. Targett.

East Ward Councillors.

County Councillor W. Arnold.
Councillor W.H. Taylor.
" G. Bailey.
" S. Banks, J.P.
" C. Evans.
" W.J. Edwards.

West Ward Councillors.

County Councillor K. Keen.
Councillor A.P. Griffiths.
" R.J. Morris, B.A.
" E.J. Davies, B.A.
" J. Peters.
" T. Bond.

The Ordinary meeting of the Council is held on the last Wednesday in the month at 6.0 p.m.

The Housing Committee meet on the third Wednesday each month.

The General Purposes Committee meet on the second Wednesday each month.

Officers of the Council.

Clerk and Chief Financial Officer, J. Protheroe, A.I.M.T.A.
Deputy Clerk of the Council, G. Gratton, Esq.,
Surveyor and Waterworks Engineer. G.C.E. Thomas, Esq., J.P.
Medical Officer of Health. F.J. Hallinan, M.B.E. (Mil.),
M.B., B.CH., B.A.O., D.P.H.

Address:- Library Buildings, Hanbury Road, Pontypool.

Phone :- Pontypool 700 (Extension 40).

Public Health Inspector, K.F. Weston, M.A.P.H.I.

Address:- Council Offices, Blaenavon.

Phone :- Blaenavon 258.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

TO THE

URBAN DISTRICT COUNCIL OF BLAENAVON.

FOR THE YEAR ENDING 31st DECEMBER, 1963.

To the Chairman and Members of the
Blaenavon Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting for your information my annual public health report for the district for the year 1963.

This report is compiled to comply with Regulations 5 (3) and 15 (5) of the Public Health Officers Regulations, 1959, and with instructions contained in Circular 1/64 (Wales) dated 13th January, 1964, from the Welsh Board of Health.

General Comment.

The year 1963 was a quiet one from the aspect of serious notifiable diseases in the district and nothing of any consequence occurred. A few measles cases were being notified towards the close of the year which was considered to be the beginning of an epidemic outbreak. This outbreak was anticipated as it is some two years since the last cases were notified in the district, and this year has been an epidemic one for surrounding districts as well as for the country at large.

It is pleasing to note that the incidence of tuberculosis in the district remains at a very satisfactory low level and it is interesting to compare the figures with those for some ten or fifteen years ago.

The question of slum clearance remains a matter of the greatest importance in this town where there are still scores of unfit houses awaiting clearance. The rate at which these unfit properties can be represented for clearance must depend on the programme of new building envisaged for the immediate future, as no progress can be made by merely condemning properties unless replacements are in the offing.

Early in the year the Council gave consideration to Circular 28/62 Wales in which ministerial approval was given to the principle of fluoridation of drinking water supplies in areas where the naturally occurring fluoride is present only in minute quantities or entirely absent. The Council, after being informed on all aspects and being provided with relevant literature (including the view of those antagonistic to the idea), agreed to the principle of fluoridation of the district's drinking water supplies. The practical application of fluoridation in this district is another matter and presents insurmountable difficulties at present due to multiplicity of sources of supply and probable future changes in the structure of water undertakings in the county.

During the year work began on the relaying of certain new water mains to replace some very old systems which caused lack of sufficient pressure in many parts of the town. It is disappointing to note that the year closed with the town still receiving a mains water supply which, in a number of instances, is inadequately treated to ensure the safety expected by communities in these days from public water supplies. In an effort to deal with this problem from a public health aspect permanent "boiling notices" have had to be issued to certain parts of the town as a precautionary measure. Attention has had to be drawn to this matter over many years in my annual reports as well as at the times of receipt of the adverse laboratory reports.

The results for 1963 are summarised in Table XX on page 23.

Chemical analysis of the town's water supplies does not reveal the presence of naturally occurring fluoride in any significant quantity.

GENERAL STATISTICS AND SOCIAL CONDITIONS.

The population estimate for the district at mid 1963 as furnished by the Registrar General was 8,320, which once again continues the yearly downward trend in population for the town as shown over the last forty years.

1921 census population -	12,469	(6,594 males and 5,875 females)
1931 census population -	11,076	(5,847 males and 5,229 females)
1951 census population -	9,779	(4,976 males and 4,803 females)
1961 census population -	8,451	(4,257 males and 4,194 females)

Estimated mid-year population since 1952.

1952	9,628	
1953	9,589	= 39 fall
1954	9,580	= 9 fall
1955	9,490	= 90 fall
1956	9,320	= 170 fall
1957	9,230	= 90 fall
1958	9,140	= 90 fall
1959	9,060	= 80 fall
1960	9,010	= 50 fall
1961	8,410	= 600 fall
1962	8,390	= 20 fall
1963	8,320	= 70 fall

Total drop in the mid-year population estimates since 1952 = 1,308.

Elevations above sea level.

St. Peter's Church	1,035 feet
No. 4 Reservoir	1,319 feet
Penfforddgoch	1,573 feet

Estimated populations - mid 1963 - adjacent Urban Districts.

Abergavenny M.B.	9,710	Abercarn U.D.	19,400	Abertillery U.D.	24,910
Bedwellty U.D.	27,410	Cwmbran U.D.	24,290	Ebbw Vale U.D.	28,040
Monmouth M.B.	5,800	Tredegar U.D.	19,740	Pontypool U.D.	39,280

The Blaenavon Urban District is located at the head of the Eastern Valley of Monmouthshire and is moderately well served for road transport.

Rainfall.

The district's rainfall was recorded at No. 2 Reservoir and supplied by the Council's Surveyor, G.C.E. Thomas, Esq., J.P.

January	2.19	July	3.09
February	4.68	August	4.06
March	9.97	September	3.03
April	5.15	October	3.06
May	2.97	November	13.51
June	4.06	December	2.77

Total 58.54 ins.

The district's rainfall during the past 6 years was as follows:-

1957	54.01 ins.	1960	82.75 ins.
1958	65.00 "	1961	53.79 "
1959	62.39 "	1962	45.05 "

VITAL STATISTICS.

BIRTHS.

TABLE 1 Showing the yearly number of live births, estimated mid-year population and birth rate per 1,000 population for this district since 1955.

Year	1963	1962	1961	1960	1959	1958	1957	1956	1955
Number of live births	134	130	128	118	119	122	120	119	104
Estimated mid-year population	8,320	8,390	8,410	9,010	9,060	9,140	9,230	9,320	9,490
Birth rate per 1,000 population	16.1	15.5	15.2	13.1	13.1	13.4	13.0	12.8	10.9

There were 134 births (75 males and 59 females) assigned to the district for 1963 which was 4 more than in the previous year. These births included 4 illegitimate births (3 males and 1 female).

The natural increase for the year (excess of births over deaths) was 2

The stillbirths for the year numbered 3 (2 males and 1 female) and were legitimate. The stillbirth rate was 21.9 per 1,000 total live and stillbirths for the district.

The birth rate per 1,000 population for the year was 16.1 which maintained the upward trend of recent years

The local birth rate can be compared with the national rate of 18.2 per 1,000 population if the local rate is first multiplied by the comparability factor of 1.16 supplied by the Registrar General which gives an adjusted rate of 18.7.

TABLE 11

Showing the births registered in and allocated to this district for 1963 according to sex, month and quarter of occurrence, together with the inward transferable births.

	Males	Females	Total	Quarterly Births
January	1	1	2	
February	-	1	1	7
March	2	2	4	
April	1	3	4	
May	1	1	2	9
June	-	3	3	
July	3	4	7	
August	-	3	3	16
September	-	6	6	
October	2	1	3	
November	2	2	4	9
December	1	1	2	
TOTALS	13	28	41	41
Inward transferable births	62	31		93
GRAND TOTALS for the year 1963	75	59		134

Comparative Birth Rates - 1963.

Blaenavon Urban District	18.7 (adjusted)
Monmouthshire Administrative County	19.3 (adjusted)
England and Wales	18.2

DEATHS.

TABLE 111

Showing the yearly number of deaths, estimated mid-year population, and the death rate per 1,000 population for this district since 1955.

	1963	1962	1961	1960	1959	1958	1957	1956	1955
Number of deaths	132	124	134	118	110	119	122	128	159
Estimated mid-year population	8,320	8,390	8,410	9,010	9,060	9,140	9,230	9,320	9,490
Death-rate per 1,000 population	15.9	14.8	15.9	13.1	12.1	13.0	13.2	13.7	16.8

There were 132 deaths (77 males and 55 females) allocated to this district for the year which was an increase of 8 over the previous year. The crude death rate was 15.9 per 1,000 population for the year.

These deaths are analysed by sex and cause in Table V1.

There was one death assigned to pulmonary tuberculosis in a male aged 62 years who had not been notified before death.

Cancer of the lung and bronchus claimed 6 deaths (all males) as compared with 4 deaths for the previous year.

The cancers caused 20 deaths (14 males and 6 females), or 15.2% of the total deaths for the year. Cancer of the lungs made up 30% of the total deaths from all forms of cancer.

The diseases of the heart and blood vessels accounted for 72 deaths (41 males and 31 females), or 54.6% of the total deaths.

Diseases of the respiratory system (excluding tuberculosis and lung cancer) caused 21 deaths (15 males and 6 females), or 15.9% of the total deaths.

There was no death assigned to childbirth, pregnancy or abortion.

There was no death assigned to leukaemia during the year.

The total death rate can be compared with the national death rate of 12.2 per 1,000 population providing the local rate is first multiplied by a comparability factor which is shown under Table V1. The local adjusted rate is 16.7 per 1,000 population.

TABLE 1V

Showing the deaths registered in and allocated to this district for 1963 according to sex, month and quarter of occurrence together with the inward transferable deaths.

Month	Males	Females	Total	Quarterly deaths
January	6	5	11	
February	12	7	19	40
March	4	6	10	
April	6	4	10	
May	10	2	12	27
June	3	2	5	
July	3	3	6	
August	4	7	11	21
September	3	1	4	
October	6	-	6	
November	5	1	6	19
December	3	4	7	
TOTALS	65	42	107	107
Inward transferable deaths	12	13		25
GRAND TOTAL for the year 1963	77	55		132

Comparative Death Rates - 1963.

Blaenavon Urban District	16.7 (adjusted)
Monmouthshire Administrative County	13.7 (adjusted)
England and Wales	12.2

TABLE V

Showing the deaths registered in and allocated to this district for 1963 in quinquennial age groups and by sex.

Age last birthday	Males	Females	Total
0 - 4	-	2	2
5 - 9	-	-	-
10 - 14	-	-	-
15 - 19	-	-	-
20 - 24	-	-	-
25 - 29	-	-	-
30 - 34	1	1	2
35 - 39	1	-	1
40 - 44	2	1	3
45 - 49	1	-	1
50 - 54	5	1	6
55 - 59	9	5	14
60 - 64	10	10	20
65 - 69	16	6	22
70 - 74	12	9	21
75 - 79	7	11	18
80 - 84	7	4	11
85 - 89	4	1	5
90 - 94	2	3	5
95 and over	-	1	1
ALL AGES	77	55	132

It is noted that 83 persons (48 males 35 females) reached the age of 65 years at death, or 63.4% of the total deaths.

There were 61 persons (32 males and 29 females) who attained the age of 70 years at death, or 46.6% of the total deaths.

There were 40 persons (20 males and 20 females) who attained the age of 75 years at death, or 30.5% of the total deaths.

There were 11 persons (6 males and 5 females) who attained the age of 85 years at death or 8.3% of the total deaths.

TABLE V1

Showing the deaths from all causes, infant deaths, births and stillbirths allocated to this district for 1963.

Causes of death	Male	Female
1. Tuberculosis, respiratory	1	-
2. Tuberculosis, other	-	-
3. Syphilitic disease	-	-
4. Diphtheria	-	-
5. Whooping cough	-	-
6. Meningococcal infections	-	-
7. Acute poliomyelitis	-	-
8. Measles	-	-
9. Other infective and parasitic diseases	-	-
10. Malignant neoplasm, stomach	2	2
11. Malignant neoplasm, lung, bronchus	6	-
12. Malignant neoplasm, breast	-	2
13. Malignant neoplasm, uterus	-	-
14. Other malignant and lymphatic neoplasms	6	2
15. Leukaemia, aleukaemia	-	-
16. Diabetes	-	2
17. Vascular lesions of nervous system	12	12
18. Coronary disease, angina	16	9
19. Hypertension with heart disease	1	1
20. Other heart disease	6	7
21. Other circulatory disease	6	2
22. Influenza	-	1
23. Pneumonia	1	3
24. Bronchitis	13	2
25. Other diseases of respiratory system	1	-
26. Ulcer of stomach and duodenum	1	1
27. Gastritis, enteritis and diarrhoea	-	1
28. Nephritis and nephrosis	-	1
29. Hyperplasia of prostate	-	-
30. Pregnancy, childbirth, abortion	-	-
31. Congenital malformations	-	1
32. Other defined and ill-defined diseases	3	6
33. Motor vehicle accidents	-	-
34. All other accidents	2	-
35. Suicide	-	-
36. Homicide and operations of war	-	-
TOTAL ALL CAUSES	77	55
Deaths in infants under 1 year of age:-		
Legitimate	-	2
Illegitimate	-	-
Total	-	2
Total births	75	59
Legitimate	72	58
Illegitimate	3	1
Stillbirths - Total	2	1
Legitimate	2	1
Illegitimate	-	-

Estimated population - mid 1963 = 8,320
(for calculation of birth and death rates).

Comparability factors: $\frac{\text{BIRTHS}}{1.16}$ $\frac{\text{DEATHS}}{1.05}$

TABLE V11 Showing the number of inquests on persons belonging to this district during 1963 and the causes of death.

Cause of Death	Male	Female	Total
Colliery accident	1	-	1
Colliery accident - burns received in a steam engine collision	1	-	1
All causes	2	-	2

The above two deaths were related to colliery accidents and involved men aged 53 years and 43 years.

It is noted that no persons from this district died as the result of motor vehicle accidents during the year.

Deaths due to accidents in the home were also absent in the district during the year.

It is also noted that there were no deaths assigned to suicide.

INFANT MORTALITY.

TABLE V111 Showing the yearly number of infant deaths, live births, etc., for this district since 1955.

Year	1963	1962	1961	1960	1959	1958	1957	1956	1955
Number of deaths in infants under 1 year.	2	5	2	4	10	5	4	2	6
Number of live births.	134	130	128	118	119	122	120	119	104
Infant mortality rate.	14.9	38.5	15.6	33.9	84.0	41.0	33.3	16.8	57.7

There were two infant deaths recorded during the year - both females. One of these deaths occurred at home and the second in hospital.

This is considered a very satisfactory figure as compared with the experience of previous years and corresponds with the lowest figure recorded for the district.

TABLE 1X Showing the infant deaths assigned to this district for 1963 by cause and in age groups.

Cause of Death.	Under 1 wk.	1-2 wks.	2-3 wks.	3-4 wks.	Total under 1 mth.	1-3 mths.	3-6 mths.	6-9 mths.	9-12 mths.	Total under 1 yr.
Congenital heart disease.	1	-	-	-	1	-	-	-	-	1
Broncho pneumonia	-	-	-	-	-	1	-	-	-	1
All causes	1	-	-	-	1	1	-	-	-	2

TABLE X Showing the infant mortality rate for England and Wales, etc., from 1955 to 1963.

Year	England and Wales	Monmouthshire	Blaenavon Urban District.
1955	24.9	33.9	57.7
1956	23.7	29.0	16.8
1957	23.1	31.0	33.3
1958	22.6	25.8	41.0
1959	22.2	27.2	84.0
1960	21.9	25.5	33.9
1961	21.6	28.0	15.6
1962	21.6	25.0	38.5
1963	20.9	25.6	14.9

NOTIFIABLE DISEASES.

The number of notifications of notifiable diseases received from general practitioners, hospital medical officers and chest physicians during the year are shown in age and sex groups in Tables XIV and XV.

Diphtheria.

For the fourteenth consecutive year no notification of diphtheria has been received for this district. The need for the maintenance of an effective level of immunisation against this disease amongst children still remains an urgent necessity and there have been a few recent examples of outbreaks of diphtheria to remind us of this. This service is readily available and there is no excuse for negligence on the part of parents in this respect.

TABLE XI Showing the number of immunisations against diphtheria done in this district during 1963.

Children born in years:-	Number of children who completed a full course of primary immunisation in the Authority's area during the year ended 31.12.'63.	Number of children who received a secondary (reinforcing injection) during the year ended 31.12.'63.	TOTAL
1963	50	-	50
1962	57	9	66
1961	6	39	45
1960	3	11	14
1959	-	8	8
1954 - 1958	3	19	22
1949 - 1953	1	1	2
TOTAL	120	87	207

TABLE X11

Number of children who have completed a primary course (normally 3 injections) of pertussis vaccine (singly or in combination) in the Authority's area during the year ended 31st December, 1963.

Year of birth	Number of children
1963	46
1962	61
1961	8
1960	6
1959	1
1954 - 1958	8
1949 - 1953	3
TOTAL	133

TABLE X111

Showing the number of vaccinations against smallpox carried out in the district during the year 1963.

Age at date of vaccination	<u>1</u> Number of persons vaccinated (or re-vaccinated during period)		<u>11</u> Number of cases specially reported during period.		
	Number vaccinated	Number re-vaccinated	(a) Generalised vaccinia	(b) Post-vaccinal encephalomyelitis	(c) Deaths from complications of vaccination other than (a) or (b).
0 - 3 months	3	-	-	-	-
3 - 6 months	1	-	-	-	-
6 - 9 months	-	-	-	-	-
9 - 12 months	-	-	-	-	-
1 year	1	-	-	-	-
2 - 4 years	1	-	-	-	-
5 - 14 years	3	-	-	-	-
15 or over	1	-	-	-	-
TOTAL	10	-	-	-	-

and sex groups and giving the admissions to hospital. (Corrected for diagnosis). (Tuberculosis excluded).

	Under 1 yr.		1-2 yrs.		2-3 yrs.		3-4 yrs.		4-5 yrs.		5-10 yrs.		10-15 yrs.		15-25 yrs.		25-35 yrs.		35-45 yrs.		45-65 yrs.		65 + yrs.		ALL AGES		Cases admitted to hospital.			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		T.		
Diphtheria.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Measles.	1	1	2	4	9	7	5	6	3	2	20	24	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	42	48	90
Scarlet fever.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal pyrexia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ac. primary and influenza pneumonia.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food poisoning.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal infection.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ophthalmia neonatorum.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute encephalitis.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis: Paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Smallpox.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
anthrax.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS.	1	1	2	4	9	7	5	6	3	2	20	24	2	2	-	2	-	-	-	-	-	-	-	-	-	-	42	48	90	-

TABLE XV

Showing the number of cases of notifiable diseases notified yearly since 1949 (corrected for diagnosis). Tuberculosis excluded.

DISEASE	1963	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Measles	90	-	95	-	1	4	290	3	5	-	58	35	236	1	397
Scarlet Fever	-	2	2	-	-	1	2	-	1	-	-	1	6	9	30
Whooping cough	-	-	-	-	2	3	1	9	-	-	3	22	2	2	49
Puerperal pyrexia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Ac. primary and influenza pneumonia	-	-	-	-	-	1	1	-	-	-	3	2	4	-	2
Erysipelas	-	-	-	-	-	2	-	-	-	-	2	5	2	8	3
Food poisoning	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Meningococcal infections	-	-	-	-	-	2	-	-	1	-	-	-	-	-	1
Typhoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliomyelitis: Paralytic	-	1	-	-	-	-	-	-	-	1	-	-	-	-	6
Non-paralytic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TUBERCULOSIS.

The Chest Clinic facilities for the district continue to be provided at the Park Buildings, Pontypool, which is considered a convenient centre. The clinic is open on Tuesday and Thursday of each week and facilities for X-ray also exist at Blaenavon Hospital where the Chest Physician pays periodic visits.

Two notifications of pulmonary tuberculosis (one male aged 20 years and one female aged 58 years) were received during the year which is considered very satisfactory. There was one death assigned to pulmonary tuberculosis a male aged 62 years following a post-mortem examination. He had not been previously notified as suffering from this disease.

The low incidence of tuberculosis and the low death rate from this disease in the local population during recent years is being maintained. It is interesting to compare the figures for this year with 1947 when there were 17 notifications including 15 pulmonary cases (6 males and 9 females) and 2 non-pulmonary cases (both males). The deaths for 1947 from all forms of tuberculosis numbered 14 including 9 due to pulmonary disease (3 males and 6 females) and 5 due to non-pulmonary disease (3 males and 2 females). This does not mean that the tubercle bacillus has disappeared from our midst as it is noteworthy that the two cases notified during the year were sputum positive when discovered.

The usual detailed environmental enquiries are made personally by the Medical Officer of Health on receipt of each notification and the necessary information passed to the Chest Physician so that suitable arrangements can be made for checking home contacts.

The Static Mass Radiography unit is located at the Chest Clinic at 129, Stow Hill, Newport, and is open daily from Monday to Friday (9.0 a.m. to 1.0 p.m. and 2.0 p.m. to 5.0 p.m.) with an evening session on Thursdays from 5.30 p.m. to 7.0 p.m.

TABLE XV1

Showing the new cases of tuberculosis notified and the deaths due to tuberculosis during 1963 in age and sex groups and by type of disease. (Corrected for diagnosis).

Age Groups in yrs.	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0 - 1	-	-	-	-	-	-	-	-
1 - 4	-	-	-	-	-	-	-	-
5 - 14	-	-	-	-	-	-	-	-
15 - 24	1	-	-	-	-	-	-	-
25 - 34	-	-	-	-	-	-	-	-
35 - 44	-	-	-	-	-	-	-	-
45 - 54	-	-	-	-	-	-	-	-
55 - 64	-	1	-	-	1	-	-	-
65 +	-	-	-	-	-	-	-	-
TOTALS	1	1	-	-	1	-	-	-

There were no inward transfers from other districts during the year of persons already notified in other areas.

It is noted that both the cases notified during the year were sputum positive at the time of diagnosis. No cases of non-pulmonary tuberculosis were notified.

The death rates for tuberculosis for this district for 1963 were as follows:-

(Rates for 1962 in parenthesis)

- (a) Tuberculosis (all forms) - .12 per 1,000 population (Nil).
- (b) Pulmonary tuberculosis - .12 per 1,000 population (Nil).
- (c) Non-pulmonary tuberculosis - Nil per 1,000 population (Nil).

TABLE XV11

Showing the number of cases of tuberculosis remaining on the register at 31.12.63.

Males		Females		TOTAL
Pulmonary	Non-pulmonary	Pulmonary	Non-pulmonary	
34	1	32	3	70

Respiratory tuberculosis and lung cancer death rates for England and Wales - 1963.

The provisional death rate per million population for England and Wales for 1963 for respiratory tuberculosis was 56, being a further decrease in mortality for this disease over the previous year (59 in 1962).

During 1963 the death rate for cancer of the lung and bronchus per million population was 519 (510 in 1962), which shows a further serious increase in deaths from this condition. In actual figures this means 24,422 deaths from cancer of the lungs and bronchus and 2,613 deaths from respiratory tuberculosis.

The yearly deaths from all forms of tuberculosis since 1943 (corrected for diagnosis).

YEAR	Yearly notification of tuberculosis				Total yearly notifications of pulmonary & non-pulmonary	Yearly deaths from tuberculosis				Total of yearly deaths from all forms of tuberculosis
	Pulmonary		Non-pulmonary			Pulmonary		Non-pulmonary		
	Males	Females	Males	Females		Males	Females	Males	Females	
1943	8	13	3	1	25	1	6	1	-	8
1944	8	17	1	3	29	3	3	1	1	8
1945	7	8	1	1	17	-	4	1	3	8
1946	10	7	5	-	22	1	4	1	1	7
1947	6	9	2	-	17	3	6	3	2	14
1948	9	6	-	1	16	3	5	1	-	9
1949	8	8	1	-	17	1	2	-	-	3
1950	2	3	2	-	7	4	-	-	-	4
1951	5	3	-	-	8	-	-	-	-	-
1952	3	8	1	-	12	1	2	-	-	3
1953	2	6	1	1	10	1	-	-	-	1
1954	1	2	-	-	3	-	-	-	-	-
1955	-	5	-	-	5	-	-	-	-	-
1956	2	1	-	-	3	-	-	-	-	-
1957	2	1	-	1	4	1	-	-	-	1
1958	3	-	-	-	3	-	-	-	-	-
1959	2	-	-	-	2	-	-	-	-	-
1960	3	1	-	-	4	2	-	-	-	2
1961	5	-	-	-	5	1	-	-	-	1
1962	1	-	-	-	1	-	-	-	-	-
1963	1	1	-	-	2	1	-	-	-	1

TABLE X1X

Showing the notification rates and death rates for tuberculosis per 1,000 of the estimated mid-year population for this district since 1938.

Year	Notification rates per 1,000 population.		Death rates per 1,000 population.	
	Pulmonary	Non-pulmonary	Pulmonary	Non-pulmonary
1938	2.93	.30	.51	.00
1939	3.02	.68	.59	.00
1940	2.11	.48	.67	.10
1941	2.62	.09	.47	.00
1942	1.00	.40	.79	.10
1943	2.14	.41	.71	.10
1944	2.54	.41	.61	.21
1945	1.55	.21	.50	.50
1946	1.74	.51	.51	.20
1947	1.54	.20	.92	.51
1948	1.51	.20	.81	.10
1949	1.61	.10	.30	.00
1950	.50	.20	.40	.00
1951	.82	.00	.00	.00
1952	1.14	.10	.31	.00
1953	.83	.21	.10	.00
1954	.31	.00	.00	.00
1955	.52	.00	.00	.00
1956	.32	.00	.00	.60
1957	.33	.11	.11	.00
1958	.33	.00	.00	.00
1959	.22	.00	.00	.00
1960	.44	.00	.22	.00
196	.59	.00	.12	.00
1962	.12	.00	.00	.00
1963	.24	.00	.12	.00

7

MISCELLANEOUS.

Food and Drugs Act, 1955.

The County Weights and Measures Officer, R.J. Bullen, Esq., reports that a total of 38 samples (18 milk, 2 ice-cream, 16 other food and 2 beers) were collected in this district during the year and submitted to the Public Analyst who reported that they were all genuine.

Public Swimming Baths.

The swimming bath in the district is controlled by the Council and is provided with up-to-date purification plant. Samples of the water taken during the season were satisfactory.

National Assistance Act, 1948.

It was not necessary to have recourse to section 47 of this Act during the year to secure compulsory removal of any person in need of care and attention.

Registered Common Lodging Houses.

The district has no common lodging house.

Water Supplies.

Table XX shows that the quality of our water supplies still leaves a lot to be desired and once again the potential dangers of inadequately treated domestic supplies cannot be over-stressed as there is always present the possibility of a chance introduction of typhoid bacilli followed by an explosive and devastating outbreak of typhoid in the town.

The arrangements for sewerage and sewage disposal for the district are considered adequate at present.

Local Government Superannuation Act 1937 to 1953.

During the year 17 medical examinations were carried out on persons taking up employment with the Council. One medical examination was carried out in respect of a "break-down" pension.

TABLE XX

showing the results of bacteriological sampling of the non-chlorinated piped water supplies in the district during 1963. The results are classified in accordance with memorandum No. 3 of the Public Health Laboratory Service (revised 1957) and prepared by the P.H.L.A. water sub-committee as a synopsis and simplification of the Ministry of Health Report No. 71 (1956).

Source of supply	Form of treatment	Class 1 Excellent	Class 11 Satisfactory	Class 111 Suspicious	Class 1V Unsatisfactory	Total Samples
Numbers 2 and 3 Reservoirs	Slow sand filtration	10	2	1	1	14
Edmund's Tank Area of supply restricted	None	5	5	1	4	15
Forgeside Reservoir	Pressure filtration	4	4	3	3	14
All sources		19	11	5	8	43

Standard for non-chlorinated supplies.

Coliform Count
per 100 ml.

Bact. Coli 1* Count
per 100 ml.

* The presence of Bact. Coli 1 immediately places the sample in Class 1V.

Class 1 Excellent
Class 11 Satisfactory
Class 111 Suspicious
Class 1V Unsatisfactory

Greater than 10

In addition to the above samples 12 were taken from the chlorinated supply to the district from the Abertillery Water Board and all of these except 2 satisfied the standard laid down for chlorinated water supplies. 13 samples were also taken from Bunkers Tank (chlorinated) of which 2 did not quite satisfy the recommended standard. Two samples were taken from a non-gains supply during the year and found to be satisfactory.

Inspection of Food and Food Premises, etc.

Fresh Meat.

All supplies of fresh meat are imported into the District as there is no public or private slaughterhouse in operation in the town. These supplies appear to be adequate to meet the town's needs and there is no evidence to suggest that a slaughterhouse is required in view of this fact.

Milk Supply.

There is no pasteurising plant in the town and the milk supply comes from plants at Pontypool and Marshfield.

During the year 22 samples of milk were taken and submitted to the Public Health Laboratory, Newport, for analysis and all were reported on as reaching the prescribed standard.

Inspection of food shops.

Food shops in the district were periodically inspected during the year to ensure compliance with the food hygiene regulations.

Grocery and provisions	28
Confectionery, ice-cream, milk	31
Greengrocery, fishmongery	11
Butchers' shops	9
Fried fish shops	1
Licensed victuallers	22
Clubs	10

Premises registered under the Food and Drugs Act, 1955 (Section 16).

There 34 premises registered under the above Act.

HOUSING ACT, 1949.

Improvement Grants under the above Act.

(a) Number of improvement grants, 1963	-	18
(b) Total number of improvement grants 1949-1963	-	128
(c) Amount of improvement grants, 1963	-	£4,754.12.
(d) Total amount of improvement grants, 1949-1963 (inclusive)	-	£29,196.14.

Improvement Loans under the above Act.

(a) Number of improvement loans, 1963	-	Nil
(b) Total number of improvement loans, 1949-1963	-	Nil
(c) Amount of improvement loans, 1963	-	Nil
(d) Total amount of improvement loans, 1949-1963 (inclusive)	-	Nil

FACTORIES ACTS, 1937 to 1959.

The following tables show the number and type of factories in the district and the inspections carried out during 1963 in connection with the above Acts.

TABLE XX1 Showing the number of factories and the inspections thereof for 1963.

Premises	Number of			
	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(1) Factories in which sections 1,2,3,4 and 6 are enforced by Local Authority.	3	5	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	29	30	-	-
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	-	-	-	-
TOTAL	32	35	-	-

TABLE XX11 Showing the defects found in factories and the action taken to remedy them during the year.

Particulars	Number of defects.				
	Found	Remedied	Referred to H.M. Insp.	Referred by H.M. Insp.	Number of Prosecutions
Want of cleanliness (S.1.)	-	-	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S.6.)	-	-	-	-	-
Sanitary conveniences (S.7.)					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective.	-	-	-	-	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to out-work).	-	-	-	-	-
TOTAL	-	-	-	-	-

TABLE XX111

Showing details of out-workers for 1963 (Sections 133 and 134).

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Sect. 133(1)(c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in un-whole-some premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel making etc.	-	-	-	-	-	-
Cleaning and washing.	-	-	-	-	-	-
Household linen lace, lace curtains and nets.	-	-	-	-	-	-
Curtains and furniture hangings.	-	-	-	-	-	-
Furniture and upholstery.	-	-	-	-	-	-
Electro-plate.	-	-	-	-	-	-
File making.	-	-	-	-	-	-
Brass and brass articles.	-	-	-	-	-	-
Fur pulling.	-	-	-	-	-	-
Iron and steel cables and chains.	-	-	-	-	-	-
Iron and steel anchors and grapnels.	-	-	-	-	-	-
Cart gear.	-	-	-	-	-	-
Locks, latches and keys.	-	-	-	-	-	-
Umbrellas, etc.	-	-	-	-	-	-
Artificial flowers.	-	-	-	-	-	-
Nets other than wire nets.	-	-	-	-	-	-
Tents.	-	-	-	-	-	-
Sacks.	-	-	-	-	-	-
Racquet and tennis balls.	-	-	-	-	-	-
Paper bags.	-	-	-	-	-	-
The making of boxes or other receptacles or parts thereof made wholly or partially of paper.	-	-	-	-	-	-
Brush making.	-	-	-	-	-	-
Pea picking.	-	-	-	-	-	-
Feather sorting.	-	-	-	-	-	-
Carding etc. of buttons etc.	-	-	-	-	-	-
Stuffed toys.	-	-	-	-	-	-
Basket making.	-	-	-	-	-	-
Chocolates and sweetmeats.	-	-	-	-	-	-
Cosques, christmas stockings etc.	-	-	-	-	-	-
Textile weaving.	-	-	-	-	-	-
Lampshades.	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Report for the year ending 31st December, 1963.

	(1) Local Authority	(2) Dwelling Houses	(3) All others including Business Premises	Total Cols. 1,2,3.	Agricultural
1. Number of properties in Local Authority's district	35	2,734	236	3,005	16
2. Number of properties inspected as a result of					
(a) Notification	-	38	7	45	-
(b) Survey under the Act	1	-	-	1	-
(c) Otherwise	-	-	-	-	-
3. Total inspections carried out (including re-inspections)	1	38	5	44	-
4. Number of properties inspected (in Sec. 2) found to be infested by:					
Rats - Major-----	-	-	-	-	-
Minor-----	1	38	7	46	-
Mice - Major-----	-	-	-	-	-
Minor-----	-	-	-	-	-
5. Number of infested properties (in Sec. 4) treated by L.A.	1	38	7	46	-
6. No. of notices served under Section 4 of the Act (a) Treatment	-	-	-	-	-
Structural works i.e. proofing	-	-	-	-	-
7. No. of cases in which default action was taken following the issue of a notice under Section 4 of the Act	-	-	-	-	-
8. Legal proceedings	-	-	-	-	-
9. Number of block control schemes carried out	-	-	-	-	-

I wish to thank all departments for their co-operation during the year and especially so the Public Health Inspector, K.F. Weston, Esq., who has done such excellent work over the past year.

Yours obediently,

H. Hallinan

Medical Officer of Health

