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WYCOMBE RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF SANITARY INSPECTOR

1951





WYCOMBE RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the
MEDICAL OFFICER OF HEALTH
and the
SANITARY INSPECTORS

1951

Medical Officer of Health:

F.H.M. DUMMER, M.B., Ch.B., D.P.H. (Lond)

Chief Sanitary Inspector:

J.P. PERRY, M.R.San.I., M.S.I.A.

WYCOMBE RURAL DISTRICT COUNCIL

1951

Chairman:

Mr E.J. West.

Vice-Chairman: Mrs M.G. Woollerton.

PUBLIC HEALTH COMMITTEE at 1st May, 1951.

Chairman:

Mr W.G. Britnell.

The Chairman of the Council. The Vice-Chairman of the Council. The Chairman of the Finance Committee. The Chairman of the Public Works Committee. The Rt. Hon. The Earl of Buckinghamshire. Mr T.C. Austin. The Rev. J.D. Charlesworth, Mrs A. M. Conoley. Mr D. Dodwell. Mr E.L. Galloway. Brig.Gen. E.S. Hoare-Nairne. Mr G.B. Lee.

Mr L.F. Lunnon. Mr C. Morris. Mrs F.H. Pitcher. Mrs M. Roach. Mr W.J. Tapping. Miss M. Towerton. Mrs C.G. Troughton.

STAFF :

Medical Officer of Health:

F.H.M. DUMMER, M.B., Ch.B., D.P.H. (Lond).

Chief Sanitary Inspector:

J.P. PERRY, M.R. San. I., M.S. I.A. Meat Certificate.

Sanitary Inspectors:

D.J. SULLIVAN, M.S.I.A.

T. LAWSON.

J. BREWSTER. (Commenced duty 16th May, 1951).

Clerk:

Miss R.M. SPENCER.

. Trainee Assistant Sanitary Inspector:

P.R.H. BRADLEY. (Resigned March 1951).

Rodent Operative:

E.V. BOWLER.

WYCOMBE RURAL DISTRICT COUNCIL.

Public Health Department, 28, High Street, High Wycombe.

July, 1951.

To the Chairman and Members of the Wycombe Rural District Council.

Mr Chairman, My Lord, Ladies and Gentlemen,

I have the honour to present my Fourth Annual Report as your Council's Medical Officer of Health.

The outstanding statistical feature of this report is the record achieved in the current infantile mortality rate. The figure of 14.4 per 1,000 births represents the lowest rate yet recorded in your district and is half the corresponding rate for England and Wales. It is no mean fact that out of a population of 40,000, only nine infants under the age of one year died in 1951. I have included a histogram in this year's Report, which will show you the extraordinary trend in the infantile mortality rate over the past 30 years. Commencing with a rate of 70.6 in 1921, the current figure represents only a fifth of this mortality. The corresponding rate in the country as a whole is just over one-third of the 1921 estimate.

Many factors have brought about this satisfactory position - continuity of ante-natal care, clinical supervision of the infant by welfare clinics and general practitioners, health visiting, earlier diagnosis of disease, therapeutic advances, and an increasing interest in mothercraft. The resultant saving in child life is vitally important, not only as a worthy end in itself, but also in its direct relationship to the economic and labour difficulties which are unavoidable in an ageing population. You will see that the number of recorded births is again below the figure of the previous year. Only the further lowering and that will be difficult - of the infantile mortality rate can possibly bridge the gap in the "replacement rates". This gap is not the kind of problem which emigration solves. The type of family to emigrate is the young one, leaving a further preponderance of old people, and replacement far below the economic needs of the country.

The death rate is slightly less than last year - 10.4 compared with 10.5 - and is still substantially below the general rate. As one would expect, by far the greatest proportion falls on the cardiac group, which accounted for 33.7% of the total, excluding diseases which had their origin in vascular defects.

We can reasonably assume this to be an established trend and it is boundirrevocably to the longer expectation of life. The present expectation at birth is 66 years for males and 71 years for females. The next highest mortality ratio is that of cancer, with a percentage of 17. The total number of cases this year is 72, compared with 77 in 1950.

In the past year, a great deal has been written on the increasing prevalence of lung cancer, particularly in males of the younger and middle age-group. I have introduced a new Table in the current Report, showing an analysis of lung cancer deaths in the years 1947-51. From it you will see that the ratio of males and females is 4:1, but that, in our district at least, the emphasis on the younger age-groups is not significant. I would however give a word of warning about the interpretation of small totals as "significant" — in this or any other Table. All that has been attempted in this analysis has been to see how a general trend applies to a particular district. But the figures are of real interest in showing the wide age range of cancer - and that fact in itself is at the core of the mystery.

In a Report of this kind, it is right that the weapon of early diagnosis should be stressed. It is today the main hope of those sufferers that the disease has been halted in its initial stages. It is better to know the truth at a time when steps can be taken to avert tragedy than to procrastinate fearfully in the hope of a miracle. I am concrastinate fearfully in the hope of a miracle. I am concretice and that the time is not far distant when more and more emphasis will be laid on the diagnostic side of medical practice and preventive work in this field will receive greater attention. At the moment there is no easy, infallible test in the earliest stages of cancer - that is the main weapon still, alas, missing.

For the sixth year in succession, no woman has lost her life in childbirth or other maternal cause directly associated with it. The general figure for England and Wales is 0.79 per 1,000 births and for the county 0.5 per 1,000. This in itself is a great achievement and underlines the importance of ante-natal and general obstetric care. These are services on which the economy axe can be wellded only with extreme danger.

last year. As I have reported previously to your Public Health Committee, our great concern is the predeliction which the disease has for the younger age-groups and the resultant domestic distress which follows a diagnosis of tubercle. Here, even more so than in cancer, early diagnosis is of paramount importance and the chances of full recovery in such selected cases, are good. A great attack on this scourge has been made in two directions, (a) by mass raiography of industrial workers and school children and (b) the use of B.C.G. vaccine. Although the use of the vaccine is in its infancy in this country, it is already hailed as a most formidable weapon in the Scandinavian countries. A start has been made in Britain with certain groups and results up to date encourage its wider use.

In our own District, material assistance in the rehousing of the tuberculous patient and his family has been given by your House Management Committee and it is a pleasure to record my thanks to them for their support in this vital aspect of public health. The fierce light of public opinion is focussed in particular on your Housing Committee and the part they play has no little effect on the general standard of local public health. The strenuous and successful building efforts made by your Building Committee have brought commendation from widely varying sources. It is I know, a difficult but vital task to ensure that in the objective of quantity, quality is not jeopardised.

In the field of notifiable diseases, the main notifications were those of measles. In general, there is a two-yearly epidemic pattern of this disease, which effects mainly the age-group 5 - 9. The total number for 1951 was 723 which gives you some idea of the weight of the attack. Whooping cough was also increased in incidence, the notifications numbering 152 compared with 41 in 1950. Scarlet Fever showed a marked diminution in incidence and severity, and we were fortunate in having only 2 cases of acute poliomyelitis during the year.

There was one case of undulant fever in 1951, a reminder of the constant watch which must be kept on milk by way of bacteriological anlysis. A great deal of our time has been taken up this year in following up reports of brucella, forwarded by the County Health Department. In those cases where the milk is being sold raw, a Statutory Notice is issued requiring the pasteurisation or other heat-treatment of the supply before sale. In this action, there is close liaison with the Milk Marketing Board and the County Council. Three samples of the milk are taken and all must prove negative before the Notice is withdrawn. In most cases, we have had willing co-operation from producers who realised that the sale of milk is a public service and that the public is entitled to be protected from the consumption of infected products.

You will see in the Report a brief account of proceedings taken under Section 47 of the National Assistance Act 1948. This account is given for the first time under the directions of Circular 42/51 of the Ministry of Health. It has seidom been necessary to invoke this Section and it is an action to which your Council energetically tries to find an alternative. Compulsory removal of persons from their homes, however poor and insanitary, is unpleasant and distressing to all concerned. But it is important too, to maintain a standard of life within the community below which there is danger to the general public as well as to the offender. These cases are fortunately rare, but when they do occur we should be absolutely sure of the rightness of our action and convinced that such action is in the common good. The rationals must go deeper than merely conforming to the strict letter of the law. In these circumstances I do assure the Council that all possible known alternatives are fully explored and that the presentation of a Certificate requesting the institution of proceedings, is made as the very last resort.

There are still too few "places of refuge" for the aged and infirm. It is true that the majority do not wish to leave the old familiar places in which they have literally spent their lives, but the time comes when many realise that help must be accepted. It is a problem which has become desperately urgent and is not likely to be less so in the next few decades.

One of the most urgent problems at the moment before your Council is the provision of suitable sites for refuse tips. In a Rural District of this size one might have reasonably assumed the task to be relatively easy. But the present scale of building, extending the perimeter of hamlets and villages, and the rightful insistence on full use of valuable agricultural land has reduced very considerably the selection of possible sites. The cost of transport of waste material over long distances further minimizes the consideration of possibilities.

When one considers that approximately 7,500 tons of refuse was collected last year it will be apparent that the problem is considerable. We know from experience that the selection of a site near inhabited premises is open to constant objection. The fly menace during the summer months is very real. There are however numerous ways in which the public can assist both from health and financial viewpoints to minimize the difficulty of this public service. The amount of useless waste paper, that is paper already contaminated with food products such as margarine, lard and fish refuse etc., is a burden which can be largely eliminated at source.

It should be borne in mind that such refuse is a breeding ground for flies before central tipping takes place. If the amount of this litter can be greatly reduced by householders the service would operate with less complaint. Every load containing large articles such as scrap iron, uncrushed tins and bottles must react ultimately on the amount of collection which can be carried out in each vicinity and will reduce the regularity at which we aim: the refuse tips will be filled more quickly than we have estimated for and the control over breeding grounds more difficult to apply. We are unable at this time to embark on incineration of refuse at numerous places and we can only justify the present methods of disposal by the fact that there is no available alternative.

In conclusion I wish to thank the Staff of the Public Health Department for their work and willing co-operation throughout the year; also your Public Health Committee for their interest and support.

I amo

Mr Chairman, My Lord, Ladies and Gentlemen,

Yours obediently,

F.H.M. DUMMER.

STATISTICS.

Area of Wycombe Rural District (in acres)	71,232
Resident population (1931 census)	27,495
Resident population (1951 census)	40,000
No. of inhabited houses on rate book (31st March 1951)	11,393
Rateable Value	£238,506
Estimated Product of Penny Rate	£935

FOR THE YEAR 1951.

BIRTHS.

Live Births	Legitimate	Male. 298	Female.	Total.
	Illegitimate	15	7	22
	Totals	313	310	623
Still Births	Legitimate Illegitimate	6 0	9	15 0
	Totals	6	9	15
Birth Rate per 1 Birth Rate of En Still Birth Rate Still Birth Rate	ctor - Birth Rate,000 of the Estimgland and Wales per 1,000 estima of England and Wirth Rate	ated Pop ted popu ales	ulation.	1.01 15.6 15.5 0.375 0.36 15.7

DEATHS.

Number of Deaths	-	Males -	Time
		Total -	415
Comparability Factor Death Rate per 1,000 of Death Rate of England a Tuberculosis Death Rate Tuberculosis Death Rate Adjusted Local Death Ra	the Estimated nd Wales, Wycombe Rura, England and	Population 1 District Wales	. 10.4 . 12.5 . 0.12 . 0.31

INFANT MORTALITY.

9 infants died under the age of one year.

	Male.	Female.	Total.
Legitimate	5	3	8
Illegitimate	1	= 0	1
Total	6	3	9

This represents a mortality rate of 14.4 per 1,000 related births, compared with 29.6 as a general figure for England and Wales.

Neo-natal mortality rate - 12.8, compared with a county rate of 17.8.

CANCER DEATHS.

Deaths	from	Cancer	(all	ages)	0
--------	------	--------	------	-------	---

Males		45
Females	-	27
Total	1-08	72
		-

Yearly comparison of cancer deaths:-

1951	72
1950	77
1949	62
1948	65
1947	69
1946	66

The following organs were effected:-

Stomac	h		0	0	0		0	0	0		0	0	0	0		9	0		0		0	0	9
Lungs.	0	0		0	0						0	0	0	0	0	9	0	0	0		0		8
Breast	0	0	9	0	0	a	0					0		0				0		0			2
Uterus		0	0	0	0	0	0	0	0	0	0	0	0	0		0		0	0	0	0	0	3
Other	S	i	t	e	s			۰				0					0		0	0	0		50

Total.		0	0	0		0			•	0	0	0	•	•	0	•		0	0	0	0	0	72

- 14 -LUNG CANCER DEATHS 1947 - 1951.

No.			olved.	Age-groups. Percentage of Total				
Age-groups	M	F	M & F Total	М	F	M & 1	F Total	
30 - 40 years	9	1	1	-	10		2	
40 - 50 years	3	ma .	3	7.5	900	atro	6	
50 - 60 years	9	0	9	22.5	00		18	
60 - 70 years	15	3	18	37.5	30		36	
70 - 80 years	12	6	18	30	60	36		
80 - 90 years	1	œ	1	2.5	-		2	
Total	40	10	50	100	100	1	00	
E S		115		AD AVIT OF			Tubedu .	
	M	ale		Female		Male	& Female.	
Mean Age	64 ;	years	6. 6	6 years		641/2	years.	
Age Range 4	+ - 8	1 yea	ars. 39	- 75 ye	ars.	39 - 8	1 years.	
9		A CONTRACTOR OF THE CONTRACTOR						
000		191	47 1948	1949	1950	1951	Total.	
Lung Cancer De	eaths	8	3 14	15	6	7	50	

TABLE OF DEATHS.

	DISEASE.	MALES.	FEMALES.	TOTAL.
1.	Tuberculosis, respiratory	3	co	3
2.	Tuberculosis, other	1	1	2
3.	Syphilitic diseases	1	1	2
4.	Diphtheria	36		000-0
5.	Whooping Cough	en	00	63
6.	Meningococcal Infections	-	9 - 51009	03 03
7.	Acute Poliomyelitis	1		1
8.	Measles	-	21 20005	05-0
9.	Other infectious diseases	1	90	1
10.	Cancer, stomach	3	6	9
11.	Cancer, lungs	8	-	8
12.	Cancer, breast	-	2	. 2
13.	Cancer, uterus	-	3	3
14.	Other cancers	34	16	50
15.	Leukaemia, aleukaemia	1	-	1
16.	Diabetes	1	2	3
17.	Vascular lesions, nervous system	24	28	52
18.	Coronary disease, angina	32	16	48
19.	Hypertension with heart disease	1	7	8
20.	Other heart diseases	28	32	60
21.	Other circulatory disease	16	8	24
22.	Influenza	6	2	8
23.	Pneumonia	15	11	26
24.	Bronchitis	10	10	20
25.	Other respiratory diseases	3	1	4
26.	Gastric and duodenal ulcer	4	1	5
27.	Gastritis, enteritis and		_	
20	diarrhoea	00	2	2.
28.	Nephritis, nephrosis	9	3	. 3

TABLE OF DEATHS. (contd).

	DISEASE.	MALES.	FEMALES.	TOTAL.
29.	Hyperplasia of prostate	7		7
30.	Pregnancy, childbirth, abortion.	Com.	99	eso.
31.	Congenital malformations	3.	1	4
32.	Other defined and ill- defined diseases	22	17	39
33.	Motor vehicle accidents	7	2	9
34.	Other accidents	4	3	7
35.	Suicide	2	1	3
36.	Homicide and operations of war	1		1
	All causes	239	176	415

MATERNAL DEATHS.

1-1		T7				0
(a))	L.I.O.II	puerperal	sepsis	00000	0

⁽b) From other maternal causes.. 0

	Total				Age	Periods			
Disease	Cases	Under 1 year	1-2	3-4	5-9	10-14	15-24	25+	Un- known
Scarlet Fever	12	7	2	-	N	3	3	0	0
Whooping Cough	152	14	28	37	63	7	3		2
Acute Poliomyelitis:									
Paralytic	40	0	0	1	1	0	1	den	0
Non-Paralytic	40	0	1	1	,	9	400	0	0.
Measles	723	11	115	166	368	36	8	6	10
Diphtheria	0	8			0	City Company	0	0	9
Acute Pneumonia	21	0	9	-	4	2	-	13	8
Dysentery	11	-	2	-	7	CO CONTRACTOR CONTRACT	3	-	0
Smallpox	0	0	0	1	,	9	0		0
Acute Encephalitis:							Contractor Contractor		
Infective		1	0	1	8		9	0	0
Post-Infectious	1		0	8	+		0	1	0
Enteric or Typhoid Fever		8	0		0	8	9	3	9
Paratyphoid Fevers	8	0	0	0	8	13	E)	9	0
Erysipelas	5	1	9	8	9	0	9	5	0
Meningococcal Infection	9	0	0	0	9	0	0	9	C
Food Poisoning	g	9	3	0	8	0	0	0	ľ
Puerperal Pyrexia	0	9	0	,	9	9	0.1	9	9
Ophthalmia Neonatorum	2	2	0	0	8	010		0	0
Totals:	929		147	206	442	148	19	30	12
ON THE PROPERTY OF THE PROPERT		Action and and annual or of	CHEST SPECIFICAL	Contractor and Contractor	DESCRIPTION OF THE PERSON	CHANGE OF SCHOOL OF	STREET, STREET	-	Contrasser of

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS), 1951

0

0

M

N

00

00

Total

NEW CASES AND MORTALITY DURING THE YEAR 1951

TUBERCULOSIS.

Non-Respiratory. M Deaths (P) Respiratory. 124 M 101 Non-Respiratory. 0 FEI New Cases M (a) Respiratory. OMMONATI [4 BIBTOMI M

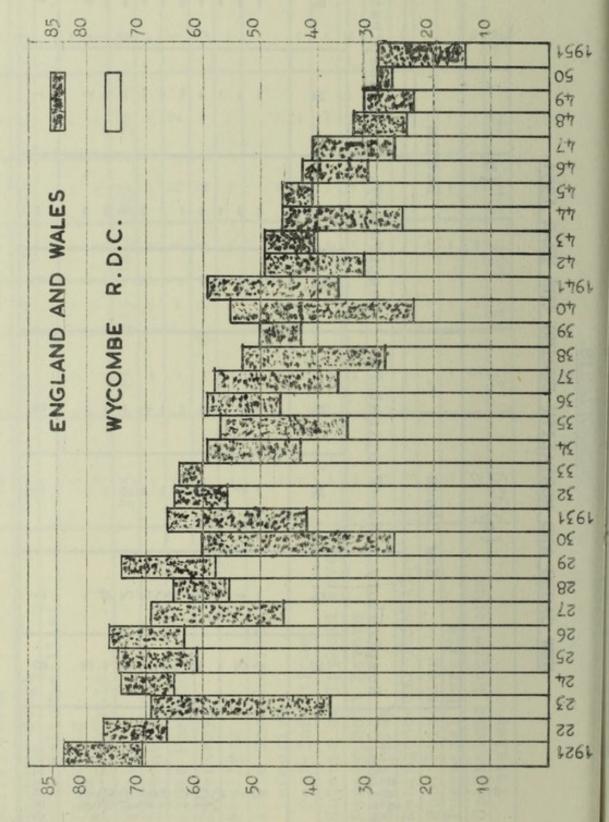
Age Periods.

阳

INFANTILE MORTALITY RATE 1921-51 GRAPHIC REPRESENTATION OF THE

1921 - 70.6, 1951 - 14.4 ENGLAND AND WALES 1921 - 83. 1951 - 29.6 R. D.C. WYCOMBE

SHTAIA



0-82 PER 1000

RATES

NATIONAL ASSISTANCE ACT 1948.

Section 47.

One case was dealt with under the provisions of the above Section of the Act.

A certificate was presented to the Council by the Medical Officer of Health on January 25th, 1951, in respect of an old lady living alone, in insanitary conditions. The Council instituted legal proceedings and the case was heard at a Court of Summary Jurisdiction sitting at the Magistrates Court, Hughenden Road, Chepping Wycombe on 27th April, 1951. A order was made authorising the removal of the old lady to Upton Court Hospital, Slough, for a period of 3 months. After some weeks at Upton Court it was obvious that the patient was not happy there and application was made to the same Court for a variation of the Order so that accommodation could be provided at another place. This was so ordered on 6th July, 1951.

The order was not put into effect since an undertaking was given by a relative, hitherto untraced, that he would be responsible for the patient. She returned to her original abode and is at present not subject to any restriction.

AMBULANCE SERVICES.

The ambulance arrangements pertinent to your area, are as follows:-

Stations at High Wycombe and Princes Risborough.

The Bourne End ambulance has now been withdrawn.

WATER SUPPLIES.

Frequent sampling has been carried out throughout the year. In all 34 samples have been taken.

The following is a representative report of a Clinical Analysis taken of a water typical of your area:

	Parts Per 100,000	Grains Per Gallon.
Total solids (dried at 180°C)	34.0	23.8
Combined chlorine (Cl)	1.2	0.8
equivalent to Sodium Chloride (Na Cl)	2.0	1.4
Nitric nitrogen (Nitrates)	0.36	0.25
Nitrous nitrogen (Nitrites)	Nil	Nil
Ammoniacal nitrogen	Nil	Nil
Albuminoid nitrogen	0.0004	0.0003
Oxygen absorbed in 4 hours at 270c	0.002	0.001
Lead or Copper	Nil	Nil
Temporary hardness (equivalent to Ca Co	27.0	18.9
Permanent hardness ("	4.0	2.8
Total hardness (" ") 31.0	21.7

The above results show this water to be of excellent quality and there is no evidence of any pollution.

Regular bacterial analyses of the raw waters at source were taken throughout the district. There were at times wide differences in bacterial counts from the boreholes at Well End and Chalkpit Lane.

On three occasions faecal coli were found to be present, twice at Well End and once at Chalkpit Lane. An investigation of the immediate vicinity was made and as a purely preventive measure cesspits in the areas found to be defective were repaired. This measure along with the prescription of a prohibited area for cesspool tipping helped towards clearing the contamination. The resultant analyses were found to be improved and by the end of the year the water was considered to be satisfactory in quality.

DETAILS OF WATER SUPPLY.

- 22 ·

		direct by	Supplied by Standpipes.	
Parish ,	No. of Houses.	Popula- tion.	No. of Houses.	Popula- tion.
Bledlow-cum-Saunderton	408	1,467	19	67
Bradenham	31	112	-295	-
Chepping Wycombe Rural	1,710	6,103	31	118
Ellesborough	210	751		-
Fawley	51	180	0.3	
Fingest	435	1,551	-	-
Hambleden	305	1,094	-	-
Hampden, Gt & Lt	91	326	-	
Hedsor	24	86	-	
Hughenden	1,110	3,960	32	115
Ibstone	69	243	-	æ
Kimble, Gt & Lt	201	705	-	-
Lacey Green	293	1,052	-	-
Longwick-cum-Ilmer	83	292	-	-
Marlow, Gt	342	1,230	-	00
Marlow, Lt	206	742	-	00
Medmenham	96	330	-	-
Princes Risborough	1,096	3,890	75	265
Radnage	108	382	9	32
Stokenchurch	553	1,950	15	53
Turville	76	274	-	00
West Wycombe Rural	530	1,885	7	26
Wooburn	1,565	5,530	CMF	-
Totals	9,593	34,135	188	676

I am indebted to your Surveyor for the following table:-

CESSPOOL EMPTYING 1951.

Parish.	No. of	gallons of sewage	removed.
Bledlow-cum-Saunderton		930,850	
Bradenham		Horseballan-muo-ky	Libers
Chepping Wycombe Rural		3,773,395	
Ellesborough		548,175	
Fawley		18,900	
Fingest		1,718,675	
Hambleden		475,650	
Hampden, Gt & Lt		70,500	
Hedsor		111111111111111111111111111111111111111	
Hughenden		5,313,755	
Ibstone		230,575	
Kimble, Gt & Lt		423,400	
Lacey Green		671,425	
Longwick-cum-Ilmer		404,470	
Marlow, Gt		574,725	
Marlow, Lt		161,075	
Medmenham		140,250	
Princes Risborough		132,725	
Radnage		461,550	
Stokenchurch		2,762,550	
Turville		210,725	
West Wycombe Rural		1,312,210	
Wooburn		4,690,680	
Total		25,026,260	

RAINFALL, 1951.

I am indebted to the Director of The Forest Products Research Laboratory, Princes Risborough, for the following particulars of rainfall recorded during 1951.

Rainfall recorded at Princes Risborough.

Station: 333 feet above sea level.

Month.	Annual Rain-	No. of days on which rain fell with	Largest Rainfall.	
	fall.	.01 or more measured.	Date.	Amount.
January	2.57	16	5th	. 47
February	5.02	23	4th	.68
March	3.84	21	21st	• 55
April	2.64	13	8th	.64
Мау	2.36	18	26th	.81
June	1.28	8	21st	. 43
July	0.97	9	22nd	. 45
August	3.51	20	6th	• 95
September	2.93	11	27th	1.04
October	0.81	12	20th	.22
November	5.58	24	5th	1.34
December	2.04	15	28th	. 48
Totals	33.55	190		

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SANITARY INSPECTOR'S REPORT, 1951.

Public Health Department, 28, High Street, High Wycombe,

To the Chairman and Members of the Wycombe Rural District Council.

Mr Chairman, My Lord, Ladies and Gentlemen.

Herewith I beg to submit a Summary of the Work carried out by the Department in the year 1951.

I am,

Mr Chairman, My Lord, Ladies and Gentlemen,

Your obedient servant,

J.P. PERRY.

Chief Sanitary Inspector.

FOREWORD.

The multiplicity of duties and the minitiae of day to day administration in which we become immersed, create a danger that an officer might lose sight of the larger issues which affect his work and become incapable of wider vision. An opportunity therefore to break away from daily routine for a survey of wider fields is to be welcomed. Such an opportunity is afforded when contributing to the preparation of the annual report.

The statistics annually presented unfortunately often make cold reading, excite little interest and thereby tend to obscure the value of the work accomplished and the targets at which we are aiming in order to achieve healthy living conditions. I would therefore at this stage ask for your indulegence if I digress a little and survey the wider fields previously mentioned.

The civic contribution towards improving environmental hygiene, as evidenced in the control and prevention of defects and bad conditions, provision of homes, cleansing services, protection of food and water supplies from contamination to mention but a few of the activities, is, no matter how excellently performed not in itself sufficient to secure healthy living conditions. The attitude of the mind of the individual person is most important in this respect. Apathy, indifference to the right of others, tolerance of acts of destruction, acceptance of inferior standards of service hygiene and so on are undesirable attitudes which retard our progress to better health. Must it be accepted that a certain proportion of the well equipped houses which are provided will never be properly used, that gardens will not be looked after, that modern methods of cooking, heating, ventilation, provision of baths and washing facilities will not be fully used and the equipment carefully tended by the tenant? Is it too much to hope for that the rivers be of clear water and the air free from smoke pollution? That public equipment such as conveniences, telephones, public transport, railway and bus stations be clean and in first class condition, that public gardens, grass verges and trees are allowed to flourish for the enjoyment of Should not the streets and the parks be kept clean by the citizens as well as the public cleaner? And ought not our restauranteurs, hotels and food premises to be in impeccable condition and their attendants always in a state of unquestionable cleanliness?

These matters brought sharply to focus invite fresh responses from authorities and public alike. A first essential is that public opinion must be behind the demand for improvements, and it is in the stimulation of public opinion to the awareness of present shortcomings that a real and positive task awaits all persons interested in public health work. None of these things and many others which would contribute to proper standards, is in itself revolutionary. Having regard to the progress during the past fifty years the targets outlined should not be regarded as being incapable of achievement.

Having thus wandered into the wider fields I must return to the narrow lanes and record factually the work of your sanitary officers in helping to safeguard the general health of the public.

HOUSING.

The predominance and persistence of the housing problem merits first consideration in the subjects to be reviewed. In succeeding post war year reports I have emphasised the difficulties experienced concerning the repair of unfit houses, and have reiterated that the problem is related to shortage of building labour and materials, legislative difficulties, and more particularly the economic factor with respect to controlled rents, soaring building costs and heavy dilapidations consequent upon the enforced neglect of the war years.

Casting a retrospective eye over the years I recall that the ten year period prior to the outbreak of war brought about the demolition or closure of a substantial number of houses and the families involved being rehoused in new council houses. Then came the war, with a cessation of housing activities and a deterioration of houses due to the factors already mentioned. Next followed the post war years, bringing with them the new building programme and an accentuation of the problem of house repair. In spite of the tremendous effort which has been made to provide new accommodation, housing in its widest sense remains a major problem. Claims for housing arise mainly from families who do not have separate accommodation and from families occupying unfit properties. As sanitary officers we cannot fail to be aware of the problem of the unfit houses, and the tragedy that there has had to be a virtual standstill in the abolition of those dwellings which are not worthy of perpetuation. It is to be hoped that at an early date it may be possible to resume radical action for clearing away such buildings.

Rent restriction is a subject of much controversy. It is a factor however which, in the work your sanitary officers are engaged upon, it is impossible to ignore. If further deterioration of properties is to be arrested, then it would appear that the question of rents must receive attention. It is to be hoped that a scheme will shortly be forthcoming which will result in satisfaction and justice both to the tenant and to the owner of the property. Any increase that may be granted should be conditional on the fitness of the property.

Unfortunately the provisions of the Housing Act 1949 which empowers local authorities to make grants for the improvement of existing houses, are of little or no use in dealing with houses requiring works of major repair and are of no use to service or tied cottages. Such a form of financial assistance has its application in improving the amenities and accommodation of houses which are already structurally sound.

One further aspect of the housing problem is related to the use of existing accommodation. While many houses are overcrowded others are under-occupied. The introduction of a form of exchange scheme presents obvious arriveleds.

On this note I will conclude my remarks, and present details of the action taken under the Housing and Public Health Acts during the year under review, in attempting in the main, the task of temporarily preserving obviously unfit houses by means of first aid repairs.

Details of action taken under the Housing and Public Health Acts are submitted herewith:

GENERAL.

Inspections and visits under the Housing Act 1936, and the Housing Consolidated Regulations, 1925	138
Re-inspections	217
Inspections under the Public Health Act 1936	870
Re-inspections	551
Number of interviews with owners in respect of Housing Repairs, Plans and Specifications for reconditioning dwelling houses	602

Article 27 of the Sanitary Officer's (Outside London) Regulations, 1935 and of the Sanitary Officer's Order, 1936, in relation to

SUMMARY OF INFORMAL NOTICES AND RESULTS OF SAME.

	Not complied with	71	0		2	9	7	7	0	0	3	N	2	67
	Complied with	204	7	7	9	6	12	5	7	5	7	9	11	283
	No. of Informal Notices and Letters.	545	7	7	6	15	16	6	7	5	7	80	17	350
Inspections and Notices etc.	Acts and Sections under which Notices were served.	P.H.A. 1936, Sec. 92 (1) (a)	11 259	" " 92 (1) (b)	" " 92 (1) (0)		" 144-45	11 11 7500000000000000000000000000000000		18 1710000000000000000000000000000000000	" " 39 (1) (b)	" " 39 (1) (व)	138	Totals

VIII.		
Prosecu- tions.		0
Notices not complied with.		
Work in progress at end of year.	70 0 0 7 1 0 0 0 0 0 0	9
Com- plied with.	8 1 1 1 4 4 1 1 1 2 0 0 0 0	36
No. of Notices.	27 1 1 1 4 6 3 1 1 2 3	841
Acts and Sections under which Notices were served.	P. H. A. 1936, Sec. 92 (1) (a) """""""""""""""""""""""""""""""""""	Totals

HOUSING STATISTICS.

A.c	tion	n under	Sta	tutory	Powers	durin	g the	year:-			
(8	1) P	roceedi	ngs	under	Section	9,10	& 16 o	f the H	Housing	Ac's 1	936:-
	(1)	Number were s	of	dwelli d requ	ing hous	es in epairs	respec (info	t of wh	nich no tices)	tices	4
	(2)				ng hous						0000 CER
	(3)				ng hous		ch wer	e rende	ered fi	t	
		(a) B	y own	ners		000000	000000	000000	000000	000000	4
		(b) B	y Lo	cal Au	thority	in de	fault	of own	ers	00000	. o o e
(t) P	roceedi	ngs	under	Section	11,12	& 13	of the	Housin	g Act	1936:-
	(1)				ing hous						. 12
	(2)				ng hous						. 1
	(3)				ng hous						5
	(4)				ing hous kings f						8
	(5)				ng hous						5
	(6)				ng hous						15
Н	usi	ng Act	1935	- Par	t IV. C	vercro	wdings	co.			
((a)				llings						104
					sons dw						
	(b)				ses of		7000				. 3
	(c)				of over				The second secon		. 7

WORKS EXECUTED AS A RESULT OF NOTICES.

Dwelling	house	roofs repaired	47
"	11	eaves gutters repaired or provided where missing	26
11	"	brickwork to walls, chimney stacks, etc., made good	21
11	"	woodwork to windows repaired	5
11	11	interior plaster made good	23
"	11	windows made to open for the purpose of ventilation	9
11	11	woodwork to stairs, floor etc., made good	24
11 300	- 11	dampness remedied	52
11	11	interior walls cleansed and re-decorated	21
"	11	cooking arrangements, etc., rendered serviceable	9
11	"	outbuildings repaired	4
Wiscellan	eous W	Vorks	17
		drains cleansed, ventilated or made sound	42
11	11	new drainage system provided	14
"	11	" cesspools provided	29
E.C's or	privie	es converted to W.C's	23
		ed	9
		structed	16
		ovided	15
		as provided	5
		aisances abated	9
		es abated	7
		drained	7
		ed to public water mains	24
100000		The production of the producti	

WATER SUPPLIES.

With the extension of the water mains to Owlswick and Meadle, it is pleasing to record that only one hamlet is now without a main water supply.

There are still a number of properties the owners of which derive their water from rain water tanks or shallow wells. It is frequently found that certain owner-occupiers of such premises are content with their particular type of water supply, and have no desire to change to a mains supply. Their attitudes in this matter are often determined by economic reasons or by prejudices they possess. On the other hand it is generally found that tenants express some concern with regard to the quality and the sufficiency of the water supply if taken from shallow wells and rain water tanks. Such complaints provide a basis for sampling work on the part of your sanitary officers in determining the wholesomeness of water supplies within your Council's area.

In cases where the supply has proved to be contaminated or insufficient for domestic needs, the owners have been requested to lay on a main water supply, i.e. where the properties have been within a reasonable distance of the main. In the majority of cases the owners have complied as a result of informal action being taken. Of the 34 samples submitted for bacteriological or chemical examination, it were reported upon as not conforming to a satisfactory standard of purity.

MOVEABLE DWELLINGS.

Owing to the shortage of housing accommodation caravans are still finding favour as homes, particularly by newly-weds.

But the caravan cannot be regarded as an adequate substitute for a house. The chief essential lacking is space, for the floor area of a van is, generally speaking, not larger than that of one room of a house and, although many vans are excellently furnished to make good use of the small space available, this difficulty is insuperable. Overcrowding results, and although a young married couple may occupy a van happily the arrival of children will cause inconvenience and the problems arising from lack of privacy and cramped quarters become evident.

Districts fringing on towns inevitably find themselves facing a caravan problem to a greater or lesser degree, because the town dwellers or workers seeking more salubrious surroundings are apt to acquire land in the rural areas and set up temporary homes. Often vans are placed on land without permission from the appropriate statutory authorities. On humanitarian considerations local authorities may tend to sympathise with the homeless and not resort to legal action in connection with the contraventions involved.

The control of caravans has necessitated many visits in connection with determination of the sanitary circumstances of the various types of occupation, and ensuring that reasonably satisfactory standards are maintained. The figures below summarise the work of your sanitary officers in this respect:

Number	of	visits fo	or inspection of sites	
and	l di	wellings.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	347
Number	of	licences	issued	71
11	11	11	refused	2

RODENT CONTROL.

Pest control is now accepted as a science which to be used effectively requires planning, trained personnel, special equipment and suitable materials. Research workers are providing new and more effective poison materials, and as a result there has been continued progress in the post war years with respect to the destruction of rats and mice. The success of rodent control work is to a great extent dependent upon co-operation from the public. It is important in this connection that the public should be aware that it is obligatory for occupiers of land, (which includes dwellings), to notify the local authority when rats or mice are living on or resorting to the land in substantial numbers. The fact that no direct charge is made by your Authority with respect to rodent control work carried out at private properties, is an incentive to notification. This is becoming increasingly apparent in the day to day demands made by householders for your Council's rodent control service.

It is pleasing to record that there is a close cooperation with the officials of the pest control department of the County Agricultural Executive Committee where joint action has been found to be necessary for the destruction of rodents.

The risk of disease to man from rodents, the enormous damage done to foodstuffs and materials and the prolific breeding rate of rodents emphasise the importance of the work of rodent control. Your Council's service has been called upon to operate at dwelling houses, factory premises, food premises, offices, sewers, refuse tips etc.

Details of the work carried out during the year are submitted herewith:

						Company to the second	CHARGE MATERIAL STATE	
Total	12,294	300	419	8	1756	Nil	Nil	Nil
All other (including Businessand Industrial).	702	11 412	25	5	25	N11 N11	NTI	N.1
Agri- cultural	290	5 77	F 64	N11	minor Nil	1 N11	Nil	N11
Dwelling Houses	11,290	284	341	~	(includes min mice infesta tion).	N11 N11	N11	N11
Local Authority	12	(a) Nil (b) 12	Major Nil	Lin	4 (inc	Nil	N11	N11 N11
Type of Property	I. Total number of properties in Local Authority's District	II. Number of properties inspected by the Local Authority during 1951 as a result of (a) notification or (b) otherwise.	III. Number of properties (under II found to be infested by rate.)	IV. Number of properties (under II found to be seriously infested by mice)	V. Number of infested properties (under III and IV) treated by the Local Authority.	VI. Number of notices served under Section 4:- (1) Treatment (2) Structural Works (1.e.Proofing)	VII. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4.	VIII. Legal Proceedings. IX. Number of "Block" control schemes carried out.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

THE NATIONAL ASSISTANCE ACT 1948 - Section 50.

Under Section 50 it is the responsibility of the local authority to bury any destitute person who dies or is found dead in the area.

Applications are made from time to time for financial assistance for the burial of persons alleged to be destitute. Such applications are carefully investigated and appropriately dealt with. The cases considered by your Authority in 1951 numbered two.

INFECTIOUS DISEASES.

Visits have been made in connection with cases of notifiable infectious diseases. Relevant information with regard to the history of the cases obtained and recorded, contacts checked and disinfection of rooms and bedding carried out. Details of the department's work is indicated below:-

Number	of	visits paid	116
11	-65	re-visits	24
11	12	premises disinfected	
		(tuberculosis)	38
11	11	" disinfected (other	
		infectious diseases.	26

FOOD, FOOD PREMISES ETC.

At the present time public opinion is very active in the field of food hygiene. This interest is most welcome to those of us who are engaged in administrative responsibilities in connection with securing improved conditions and practices where food is prepared or sold to the public. It is to be hoped that the interest will be sustained, and this in conjunction with the combined efforts of the central government and local authorities will result in the improvement of food handling in all its aspects.

MILK SUPPLIES.

As indicated in the 1950 report the control of dairy farms is now the responsibility of the Ministry of Agriculture and Fisheries. Local authorities however are charged with the duty to ensure the safety of the milk to the public. In addition to this requirement, your Council's duties are related to the distribution of milk necessitating registration of dairies, supervision of conditions and processes therein and the issueing of supplementary licences for the sale of designated milk.

The operation of the Food and Drugs (Milk and Dairies) Act late in 1949, established a multiplicity of authorities with share of responsibility with respect to milk production and distribution. This over-elaboration has brought about a number of administrative pitfalls. Other peculiarities exist. Whilst the sale of milk from animals known to have given tuberculous milk is prohibited, it is not an offence to sell milk from animals that have re-acted to the tuberculin test, neither is there any restriction upon the movement or sale, (without disclosing the fact), of such an animal. The result is that reactors turned out of tested herds will no doubt proceed to infect other herds.

With regard to the designations the dropping of the term "accredited" within a few years will be generally welcomed, for it is a misleading term and gives the public a false sense of security. Tuberculin Tested milk is also not a happy choice in name - much better the words "Certified Milk" Sterilised milk is now given a recognition and is gaining in popularity. On the quality and suitability of sterilised milk as a food there would appear to be a difference of opinion among experts.

Finally, some doubt has been expressed by responsible bodies as to the tendency to classify milk as an agricultural product to the neglect of its significance as a food in relation to health, and it is suggested that this trend is not in the best interest of the community.

The following information relates to control work in the administration of the various Acts and Regulations:-

No. of visits to dairy premises	156
Milk samples submitted for biological examination.	10
New dairy premises registered	NIL
Dealers licences authorising the use of the special designation "Tuberculin Tested"	6
Supplementary licences to use the special designation "Pasteurised"	6

CAFES, RESTAURANTS, ETC.

Still fresh in mind are the reports of the Manufactured Meat Products Working Party and the Catering Trade Working Party. The implementation of these reports is awaited. The comprehensive and searching enquiry into conditions relating to the meat manufacturing trades and the catering industry, and the review of present trade practices and food laws have resulted in the making of important recommendations. Where these recommendations are followed by appropriate legislative provisions, a fresh impetus will be given in the work of diminishing the danger of illness resulting from food.

During the year under review many inspections have been carried out, by your sanitary officers, of food premises. Suggestions for improvement of premises or of practices have been put forward to traders where deemed to be necessary. These recommendations have in the main beer favourably received and put into effect.

The liaison between your authority and the Ministry of Food with regard to premises which are the subject of applications for catering licences still continues. Your authority's opinion with respect to the suitability of the premises is determined before a catering licence is issued. This early approach before the business is established enables an effective control to be exercised and ensures that the premises conform to certain satisfactory standards.

The work of the department in supervising food premises is summarised below:~

Number of visits to food premises 4	54
" " premises which have been made the subject of an application for a catering licence	12
Food rooms redecorated	14
" repaired (floors, walls, ceilings, windows)	11
Wash basins provided	5
New sanitary accommodation provided	4
Provision of constant hot water supply to wash-basins	4
Rodent infestations dealt with	7
Accumulation of refuse, coal etc. removed	3
Kitchen refuse receptacles provided	4
Additional ventilation provided	3

ICE-CREAM .

Provisions of the Food and Drugs Act, 1938 and the Ice-cream (Heat Treatment etc.) Regulations, 1947 control the methods of manufacturing, storing and selling ice-cream. In administering the relevant legislation your inspectors are called upon to deal with such matters as suitability of premises, trade equipment, methods of manufacture and sampling for bacteriological purposes.

During the past year there have been no changes in the number of persons manufacturing ice-cream within the area. Each of the manufacturers use a co d mix method when making ice-cream. The number of purveyors has increased by nine on the previous year, indicating that there has been a widening in the sales capacity. And at this stage I would take the opportunity to congratulate the ice-cream industry with regard to the provision of suitable vans for the sale of ice-cream. Such an example should lead the way for other sections of the food industry to provide equally adequate conditions for the sale of food in the open air.

Samples taken and submitted to the public health laboratory service for bacteriological examination have been subjected to the methylene blue test, and subsequently classified in accordance with the Ministry of Health's recommended scheme for the grading of ice-cream. The results of such tests are included in the data below and may be regarded as being satisfactory:-

		The same of the sa	
11	11	new premises registered	9
11	11	retailers of ice-cream 4	5
Number			+

Number o	Gradi	ng.	
-	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		
	46	Grade	1
	22	"	2
	8	110	3
	3	"	4

In each case where Grade 3 or 4 occurred check samples were taken, and the subsequent reports gave improved gradings.

MEAT INSPECTION.

The restriction on slaughtering introduced by the Ministry of Food at the outbreak of war, is still in force. The home-killed meat allocated for the Wycombe rural area continues to be sent from a slaughterhouse situated in an adjoining Authority's area. The unsuitability of the majority of the vehicles used for the transportation of meat is recognised by the appropriate government departments.

Private slaughterhouses in your Council's area have been re-licensed in order to assist in the Ministry of Food's self suppliers pig killing scheme. I have already pointed out to your authority that in this connection, there is a lack of legal control with respect to notification of slaughter, inspection of carcasses and seizure of meat unfit for human consumption.

Your sanitary officers continued to assist in the work of meat inspection at the Marlow Slaughterhouse during peak periods of killing in the year under review. In that period the following animals were the subject of post-mortem examination:-

Ox.	455
Calves	75
Sheep	910
Pigs	55
Total	1,495

The quantity of meat and offal condemned as a result of such inspection work is detailed below:

	lbs.
Ox, Bullock, Cow -	
Tuberculosis and other diseases	3,145
Visceral, liver, heart, lungs viscera	1,254
Other parts	84
Pig -	
Tuberculosis and other diseases	892
Visceral	54
Mutton -	
Carcase or portion of carcase	225
Visceral	56
Licensing	
Number of slaughterhouses licensed	8
" " slaughtermen's licences issued	24

FOOD CONDEMNED.

English Beef	160½ lbs. (Bone taint and bruising).
English Pork	91 lbs.
Bacon	21 1 11
Liver	6 "
Geese	69 "
Canned Ham	316½ "
" Tongue	6 "
" Luncheon Meat	384 "
" Beef	73₹ "
" Salmon	91 "
" Pilchards	14 "
" Shrimps	1 "
" Plums	85½ "
" Fruit	146 "
" Rhubarb	2 "
" Spaghetti	4 "
" Beans	2 "
" Evaporated Milk.	65 "
Lettuce	1 crate.

FACTORIES ACT 1937.

Matters relating to sanitary accommodation, water supplies, means of escape in case of fire etc, have claimed the attention of your sanitary officers in their work of factory and workshop inspection.

It is worthwhile recalling at this stage that there is a notable omission in our legislation with respect to conditions of employment in offices. The Factory Act and Shops Act demand the observation of certain standards in the factory and shop. There is no control however over unhealthy offices. This is an omission awaiting redress.

To revert to the factory and workshop, details of the inspection work carried out and the subsequent action resulting are tabled below:

1. INSPECTIONS MADE FOR PROVISIONS AS TO HEALTH.

Prem	ises	Number on Register.	tions		Occupiers Prosecuted
200	Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	12	31	3	Nil
i 7	Pactories not included in (1) in which Section 7 is enforced by the Local Authority	147	187	21	Nil
s t	other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers Premises)	Nil	Nil	Nil	Nil
Т	otal	159	218	24	Nil

2. CASES IN WHICH DEFECTS WERE FOUND.

To stop aled the	N	umber of defects	cases in were fou		Number of cases in which
Particulars	Found	Remedied	Inspec-	N PLIST	prosecu- tions were
Want of Cleanliness	2	2		142 .66	1111 m
Overcrowding	970 200	THO LONG	10 21 01	0721 07	as as
Unreasonable temperature	-	Total water	d 30_105:	- 20	100
Inadequate ventilation	000	-		-	Ca.
Ineffective drainage of floors	2	2	ou	-	00
Sanitary Conveniences - (a) Insufficient	7	6	000	1000	1015
(b) Unsuitable or defective	9	8		1	(1)
(c) Not separate for sexes	4	4	w	1	0
Other offences against the Act (not including offences relating to Outwork)	5	5		(F) EL	(S)
Total	29	27	80-100	3	(2)

OUTWORK.

(Sections 110 and 111).

Nature of Work	list required by Sec.	cases of de- fault in	de- No. of prosecu- tions of for ding failure to supply the lists.		Noti- ces Served.	Prose- cutions	
Wearing apparel. Making etc.	65	œ	-	æ	cos	0	
Household linen	14	NO TENSIO	-	60		0	
Totals	79	6	6 6	6	8		

RAG FLOCK.

1951 was noteworthy because the Rag Flock and Other Filling Materials Act came into operation.

The Act forbids the use of filling materials to which the Act applies for such purposes as upholstering and the stuffing of bedding, toys and baby carriages, except on premises registered by a local authority. Premises where rag flock is manufactured or stored must be licensed by a local authority and the granting or renewal of licences may be refused in certain cases. Standards of cleanliness of filling materials are given by regulations. Penalties are prescribed for using unclean materials.

There has been a growing consciousness in health matters relating to sleep and rest. Attention in the past has been focused on man's needs during his hours of active wakefulness. The new Act however directs attention to bedding, upholstery and associated furnishings, articles which are so closely allied to sleep and casual rest which between them account roughly for half of man's lifetime. The importance therefore that the filling materials of matresses, settees etc. should conform to satisfactory standards of cleanliness is emphasised by this fact.

Premises in your Council's area to which the Act applies, have been visited by your officers and the necessary registrations duly effected. Sampling of filling materials has been carried out and the date relating to registrations and sampling are given below:-

Number of premises registered	• 0	19
Number of samples submitted for cleanliness test	0 0	15
Number of samples conforming to a satisfactory standard	0 0	15

CONCLUSION.

DOOPTS DO VAN BRANSSTEEL

The report which I have submitted will I trust, serve to give some indication of the importance of the work which your sanitary officers are engaged upon.

OUTWORK.

(Sections 110 and 111).

Nature of Work		cases of de- fault in sending lists	prosecu- tions for failure to supply	ces of work in unwhole-	Served.	Prose- cutions
Wearing apparel. Making etc.	65	os.		OED	-	ω.
Household linen	14	Labracia	000	8 5	œ	0
Totals	79		300	69	80	950

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Number	of	premi	ses	regi	stere	ed	 	0 . 0	19
Number clea		sampl					 		15
Number sati		sampl				_	000		15

CONCLUSION.

The report which I have submitted will I trust, serve to give some indication of the importance of the work which your sanitary officers are engaged upon.