

**[Report 1954] / Medical Officer of Health, Pickering U.D.C.**

**Contributors**

Pickering (England). Urban District Council.

**Publication/Creation**

1954

**Persistent URL**

<https://wellcomecollection.org/works/hpybeee8>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

---

URBAN DISTRICT COUNCIL  
OF PICKERING

---

**ANNUAL REPORT**

of the

Medical Officer of Health

for the year

**1954**

W. R. M. COUPER, M.B., Ch.B., D.P.H.

INCLUDING THE REPORT

of the

Sanitary Inspector

G. BATTY, C.R.S.I.

---





URBAN DISTRICT COUNCIL  
OF PICKERING

To the Chairman and Members of the Public Health Committee

MR. CHAIRMAN AND MEMBERS,

I have the honour to present the Annual Report  
on the health of the Pickering Urban District for the  
year 1954.

W. R. M. COUPER,  
Medical Officer of Health.

Public Health Officers of the Authority:

Medical Officer of Health: W. R. M. Couper, M.B Ch.B., D.P.H.

Sanitary Inspector: G. Batty, C.R.S.I.





## SECTION 'A'

## STATISTICS AND GENERAL CONDITIONS

TABLE I

District	Estimated Mid-Year Population	Area in Acres	No. of Inhabited Houses	Rateable Value	Product of Penny Rate			
				£	£.	s.	d.	
Helmsley Rural	5,390	67,750	1,368	21,121	88.	-	-	
Kirbymoorside Rural	4,850	51,000	1,435	18,152	71.	12.	8 $\frac{3}{4}$	
Malton Rural	5,600	47,078	1,823	20,362	79.	17.	3	
Malton Urban	4,120	4,016	1,306	31,298	124.	-	-	
Pickering Rural	5,110	76,685	1,736	18,359	72.	4.	6	
Pickering Urban	4,150	15,652	1,388	21,917	91.	1.	4	
All Districts	29,220	262,181						

## VITAL STATISTICS

TABLE II - LIVE BIRTHS MALE AND FEMALE

District	Live Births		
	Male	Female	Male and Female
Helmsley Rural	36	29	65
Kirbymoorside Rural	34	33	67
Malton Rural	40	34	74
Malton Urban	30	28	58
Pickering Rural	26	28	54
Pickering Urban	29	31	60
All Districts	195	183	378

TABLE III - STILL BIRTHS MALE AND FEMALE

District	Still Births		
	Male	Female	Male and Female
Helmsley Rural	1	2	3
Kirbymoorside Rural	1	2	3
Malton Rural	1	-	1
Malton Urban	1	1	2
Pickering Rural	-	-	-
Pickering Urban	3	-	3
All Districts	7	5	12

TABLE IV - ALL BIRTHS LEGITIMATE AND ILLEGITIMATE, MALE AND FEMALE

District	Legitimate			Illegitimate			Total Male and Female
	Male	Female	Male & Female	Male	Female	Male & Female	
Helmsley Rural	36	28	64	1	3	4	68
Kirbymoorside Rural	33	33	66	2	2	4	70
Malton Rural	40	33	73	1	1	2	75
Malton Urban	29	27	56	2	2	4	60
Pickering Rural	26	26	52	-	2	2	54
Pickering Urban	30	29	59	2	2	4	63
All Districts	194	176	370	8	12	20	390



TABLE V

Crude Live Birth Rate (i.e. live births per 1,000 estimated population), Still Birth Rate (i.e. still births per 1,000 estimated population), and Illegitimate Rate (i.e. percentage of illegitimate births of total births).

District	Crude Live Birth Rate	Still Birth Rate	Illegitimate Rate
Helmsley Rural	12.1	0.56	5.9%
Kirbymoorside Rural	13.9	0.62	5.7%
Malton Rural	13.2	0.18	2.7%
Malton Urban	11.6	0.49	6.7%
Pickering Rural	10.6	0.00	3.7%
Pickering Urban	14.5	0.72	6.4%
All Districts	12.9	0.41	5.1%

TABLE VI

Deaths of infants under 1 year and under 1 month by sexes.

District	Number of Deaths						
	Under 1 Year			Under 1 Month			
	Male	Female	Male & Female	Male	Female	Male & Female	Male & Female
Helmsley Rural	-	-	-	-	-	-	-
Kirbymoorside Rural	-	-	-	-	-	-	-
Malton Rural	-	1	1	-	-	-	1
Malton Urban	1	-	1	-	-	-	1
Pickering Rural	1	-	1	-	-	-	1
Pickering Urban	-	-	-	-	-	-	-
All Districts	2	1	3	-	-	-	3

TABLE VII

Maternal Deaths (i.e. deaths attributable to pregnancy, childbirth and abortion).

There were no maternal deaths during the year.

TABLE VIII

Infant Mortality (i.e. Number of deaths under 1 year per 1,000 live births), Neonatal Mortality (i.e. Number of deaths under 1 month per 1,000 live births), Maternal Mortality (i.e. Number of maternal deaths per 1,000 total births), and Crude Death Rate (i.e. Number of deaths per 1,000 of estimated population).

District	Infant Mortality	Rates		Death Rate
		Neonatal Mortality	Maternal Mortality	
Helmsley Rural	Nil	Nil	Nil	10.0
Kirbymoorside Rural	Nil	Nil	Nil	13.2
Malton Rural	13.3	Nil	Nil	12.1
Malton Urban	17.2	Nil	Nil	14.6
Pickering Rural	18.5	Nil	Nil	10.6
Pickering Urban	Nil	Nil	Nil	15.7
All Districts	7.9	Nil	Nil	12.8



## DEATHS

TABLE IX - CAUSES OF DEATHS BY DISTRICTS FOR YEAR ENDED 31st DECEMBER, 1954

Cause of Death	District																ALL Districts				
	Helmstley		Kirbymoorside		Malton		Malton Urban		Pickering Rural		Pickering Urban										
	M	F	M	F	M	F	M	F	M	F	M	F									
Tuberculosis, respiratory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Tuberculosis, other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Malignant neoplasm, stomach	2	-	-	1	-	-	-	1	2	2	1	2	1	5	3	6					
Malignant neoplasm, lung, bronchus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Malignant neoplasm, breast	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Malignant neoplasm, uterus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Other malignant and lymphatic neoplasms	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Leukaemia and aleukaemia	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Diabetes	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Vascular lesions of the nervous system	7	4	13	6	1	1	1	12	5	4	8	14	9	31	1	3					
Coronary disease, angina	4	3	7	9	6	8	6	9	6	1	3	5	11	37	26	69					
Hypertension with heart disease	1	4	1	2	1	1	15	1	1	1	1	1	2	3	3	5					
Other heart disease	4	4	3	4	2	4	6	18	10	1	15	1	9	31	8	68					
Other circulatory disease	2	1	1	2	-	-	-	-	-	-	-	-	-	11	4	19					
Influenza	1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4					
Pneumonia	1	-	-	-	-	-	-	-	-	-	-	-	-	2	4	6					
Bronchitis	-	-	-	3	-	-	3	2	1	2	1	1	1	10	3	13					
Other diseases of respiratory system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Ulcer of stomach and duodenum	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-					
Nephritis and nephrosis	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-					
Hyperplasia of prostate	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-					
Congenital malformations	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Other defined and ill-defined diseases	3	3	6	2	5	7	1	6	1	5	6	3	1	21	1	32					
Motor vehicle accidents	1	1	-	1	2	1	2	3	1	1	1	1	1	4	7	13					
All other accidents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Suicide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Homicide and operations of war	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-					
All causes	30	24	54	34	30	64	29	39	68	36	24	60	33	31	64	34	31	65	196	179	375



TABLE X - PRINCIPLE CAUSES OF DEATHS

Cause of Death	Number of Deaths by Districts						
	Helmsley Rural	Kirbymoorside Rural	Malton Rural	Malton Urban	Pickering Rural	Pickering Urban	All Districts
Diseases of circulatory system	32	39	40	35	37	41	224
Diseases of respiratory system (ex T.B.)	2	5	5	6	2	4	24
Diseases of digestive system (ex Cancer)	2	1	-	1	-	-	4
Malignant diseases	7	5	10	8	13	12	55
Tuberculosis	-	-	1	1	1	-	3
Motor vehicle accidents	-	1	-	1	3	-	5
Other accidents	2	2	3	2	2	2	13
All other diseases	9	11	9	6	6	6	47
All diseases	54	64	68	60	64	65	375

TABLE XI - PRINCIPLE CAUSES OF DEATH EXPRESSED AS A PERCENTAGE OF TOTAL DEATHS

Cause of Death	Percentage of total Deaths by Districts						
	Helmsley Rural	Kirbymoorside Rural	Malton Rural	Malton Urban	Pickering Rural	Pickering Urban	All Districts
Diseases of circulatory system	59%	60.9%	58.8%	58.3%	57.8%	63.1%	59.7%
Diseases of respiratory system	3.7%	7.8%	7.4%	10.0%	3.1%	6.0%	6.4%
Diseases of digestive system	3.7%	1.6%	Nil	1.7%	Nil	Nil	1.1%
Malignant diseases	13%	7.8%	14.9%	13.3%	20.3%	18.8%	14.7%
Tuberculosis	Nil	Nil	1.5%	1.7%	1.6%	Nil	0.8%
Motor vehicle accidents	Nil	1.6%	Nil	1.7%	4.7%	Nil	1.3%
All other accidents	3.7%	3.1%	4.4%	3.3%	3.1%	3.1%	3.5%
Other diseases	18.5%	17.2%	14.7%	10.0%	9.4%	9.2%	12.5%

TABLE XII - COMPARISON OF BIRTH AND DEATH RATES

The crude Birth and Death Rates of any district are not directly comparable with those of any other district or those of England and Wales. To make approximate allowance for the way in which the sex and age distribution differs from that of England and Wales as a whole the crude rates are multiplied by a comparability factor. The resultant figures can then be compared with those of any other district and England and Wales.

District	Death Rate			Birth Rate		
	Crude Death Rate	Comparability Factor	Adjusted Death Rate	Crude Birth Rate	Comparability	Adjusted Birth Rate
Helmsley Rural	10.0	1.01	10.1	12.1	1.35	16.3
Kirbymoorside Rural	13.2	0.83	10.96	13.9	1.15	16.0
Malton Rural	12.1	0.89	10.8	13.2	1.15	15.2
Malton Urban	14.6	0.90	13.1	11.6	1.10	12.8
Pickering Rural	10.6	1.21	12.8	10.6	1.21	12.8
Pickering Urban	15.7	0.85	13.3	14.5	1.15	16.7
All Districts	12.8	0.95	12.2	12.9	1.18	15.2
England and Wales	11.3	-	11.3	15.2	-	15.2

## SECTION 'B'

## PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES

TABLE I - NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1954

District	Cases Notified						
	Scarlet Fever	Whooping Cough	Measles	Primary Pneumonia	Polio-myelitis	Dysentery	Erysipelas
Helmsley Rural	8	6	1	-	-	3	-
Kirbymoorside Rural	7	1	10	1	1	6	1
Malton Rural	-	5	1	-	-	-	1
Malton Urban	-	-	-	-	-	-	-
Pickering Rural	1	1	-	1	-	-	-
Pickering Urban	1	-	-	-	-	-	-
All Districts	17	13	12	2	1	9	1

Where necessary patients suffering from infectious diseases are admitted to Cross Lane Hospital, Scarborough, and Yearsley Bridge Hospital, York.



# TUBERCULOSIS

TABLE II - NEW CASES AND DEATHS FROM TUBERCULOSIS DURING 1954

District	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Helmsley Rural	2	-	-	-	-	-	-	-
Kirbymoorside Rural	1	1	-	-	-	-	-	-
Malton Rural	2	1	-	-	-	-	-	1
Malton Urban	1	-	-	-	-	-	1	-
Pickering Rural	2	-	-	-	-	-	-	1
Pickering Urban	-	-	-	-	-	-	-	-
All Districts	8	2	-	-	-	-	1	2

## SECTION 'C'

### GENERAL PROVISIONS OF HEALTH SERVICES

#### (i) Laboratory Facilities

Samples for bacteriological examination are sent to the Public Health Laboratory, Northallerton. A van calls once a week to collect specimens.

#### (ii) Local Services under Part III of the National Health Service Act, 1946

The day-to-day administration of the following services is carried out by the Ryedale Local Health Sub-committee in the urban districts of Malton and Pickering, and the rural districts of Helmsley, Kirbymoorside, Malton and Pickering.

##### (a) Care of mothers and young children

Child welfare and ante-natal clinics are held at centres in the Ryedale area.

In places where no clinic is held ante-natal and child welfare services are carried out by health visitors in the home.

##### (b) Midwifery, Health Visiting and Home Nursing

Combined duty nurses serving 16 districts are resident in the area.

##### (c) Ambulance Service

Ambulance stations at Malton and Kirbymoorside provide this service.

##### (d) Immunisation and Vaccination

Provision is made for primary immunisation against diphtheria at child welfare centres but the greater part of this service is carried out by general practitioners in their surgeries and in the home.

##### (e) Domestic Help Service

This service provides domestic help, at a charge dependent on the income of the household, in homes where there has been a confinement or ill-health of the mother, and to the aged and infirm.

## SANITARY CIRCUMSTANCES

### Water Supply.

Water continues to be supplied to the town area from the Keld Head Springs which are under the management of the North Eastern Gas Board and throughout the year the supply has been plentiful.

Those properties in the area that are not fed from this piped supply are still in need of an adequate and wholesome supply as can be seen from the table of analysis and a realistic effort should be made to meet this pressing demand.

#### RESULTS OF PARTIAL ANALYSIS OF WATER SUPPLY FOR 1954

Type of sample	Samples taken by Local Authority.		Samples taken by N. E. Gas Board.	
	Satis- factory	Unsatis- factory	Satis- factory	Unsatis- factory
Town Supply before chlorination	5	7	7	4
Town Supply after chlorination.	32	-	11	-
Private Supplies.	5	25	-	-

The following table shows the number of dwelling houses and the population supplied by public water mains and other private sources.

Total No. of dwellings.	Total Popu- lation.	Supplied direct to houses		Other private sources.	
		No. of houses	Population	No. of houses	Population.
1,388	4,150	1,280	3,755	108	395

### Refuse Disposal.

Refuse is collected weekly from most of the area with exception of Bean Sheaf, Stape etc. where a three monthly collection operates.

Disposal is by tipping and the limited labour force available does not allow any attempt towards controlled tipping.

### Sewage Disposal.

Improvements have been made to the storm water, septic and humus tanks at the Sewage Disposal Works and these tanks are now better suited to their purposes.

The quality of the effluent from the works is still unsatisfactory and an effort is needed now to improve the sewerage system. Some such improvement is long overdue and work of this nature would no doubt, reduce the inflow to the Works considerably.

### Food.

With the coming into effect of private slaughtering on the 1st. July, 1954 the Council licensed four private slaughter-houses. Most of the meat for local consumption is killed in one or other of these slaughterhouses and the irregularity of the days and times of slaughter has caused considerable additional work in my department.

During the period 1st. July, 1954 to 31st. December, 1954 204 visits were paid to slaughter-houses when 289 lbs. of meat was found to be unfit for human consumption.



# CARCASSES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	63	14	4	541	192
Number inspected	63	14	4	541	192
<u>All Diseases except Tuberculosis</u>					
(a) Whole carcase condemned	-	-	-	1	-
(b) Carcases of which some part or organ was condemned	3	-	-	-	3
(c) Percentage of the number inspected affected with disease other than tuberculosis.	5%	-	-	0.18%	1.56%
<u>Tuberculosis only</u>					
(a) Whole carcase condemned	-	-	-	-	-
(b) Carcases of which some part or organ was condemned	1	-	-	-	6
(c) Percentage of the number inspected affected with tuberculosis.	1.6%	-	-	-	3.12%

Other foodstuffs found to be unfit were :-

Tinned vegetables	2	Tinned milk	3
Tinned soups	1	Tinned fish	1
Tinned fruit	2		

## Prevention of Damage by Pests Act, 1949

235 visits or revisits of inspection or survey were made under the Act resulting in 56 treatments being given. These figures are an improvement on those for the previous year but the labour force available for this work is strictly limited and work on supervision and survey is restricted due to the large area of the district together with the lack of transport.

## Shops Acts, 1934-36

37 inspections were made during the year and no contraventions found.

## Camping Sites.

There are no properly established camping sites in the district.

## Offensive Trades.

There are three licensed Knacker's Yards in the district and one tripe dresser and gut scraper.

27 inspections were made of these premises which were found to be satisfactory. Of necessity these establishments are sited away from the town and again difficulty is experienced in making these visits.

### Slaughterhouses.

Four private slaughterhouses have been licensed or relicensed during the year. Minor improvements were required in all cases before the premises could be relicensed.

None of these slaughterhouses are well sited although their internal arrangements are fairly satisfactory for establishments of this size.

### Eradication of Bed Bugs.

No cases of infestation have been found.

### Housing.

The year 1954 saw an end to the difficulties experienced in house erection by the local authority and building was recommenced.

Number of houses erected during the year :-

By Local Authority	10
By Private Enterprise	8

A return to a system of routine house inspection resulted in four houses being used for human habitation.

Action under section 11 of the Housing Act, 1936 has been taken in respect of two houses and under section 10 of the Local Government (Miscellaneous Provisions) Act, 1954 in respect of a further two houses.

### Factories Acts, 1937 and 1948.

There are 42 factories in the district, 104 visits have been made and it has not been necessary to bring any matter to the attention of the Committee.

### Inspections of the District.

Water supply	91	Ice-cream Premises	13
Drainage	47	Food Preparing Premises	176
Milk	19	Building Licences	22
Offensive trades	27	Petroleum Licences	29
Houses let in Lodgings	4	Works in Progress	104
Tents, Vans and Sheds	5	Nuisances	31
Factories	104	Refuse Collection	7
Public Conveniences	28	Refuse Disposal	13
Theatres and Places of Entertainment.	46	Building Byelaws	122
Rodent Control	235	Meat Inspection	204
Shops	37	Slaughterhouses	276
		Miscellaneous	49



THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
CHICAGO, ILLINOIS 60637  
U.S.A.

TO THE EDITOR OF THE JOURNAL OF THE AMERICAN CHEMICAL SOCIETY  
WASHINGTON, D.C.

Dear Sirs:

I have the honor to acknowledge the receipt of your letter of the 10th inst.

concerning the manuscript of the paper entitled "The Reaction of Nitrogen Dioxide with Nitric Oxide" which has been forwarded to me for consideration.

The paper has been assigned to the Editor of the JACS and will be published in the next issue of the Journal.

Very respectfully,  
J. H. DILLON

Enclosed are two copies of the proof of the paper. One copy is for the Editor of the JACS and the other is for the Editor of the J. Am. Chem. Soc. The proofs should be returned to the Editor of the JACS.

Very truly yours,  
J. H. DILLON

Enclosed are two copies of the proof of the paper. One copy is for the Editor of the JACS and the other is for the Editor of the J. Am. Chem. Soc. The proofs should be returned to the Editor of the JACS.

Very truly yours,  
J. H. DILLON

Enclosed are two copies of the proof of the paper. One copy is for the Editor of the JACS and the other is for the Editor of the J. Am. Chem. Soc. The proofs should be returned to the Editor of the JACS.

Very truly yours,  
J. H. DILLON





