#### [Report 1965] / Medical Officer of Health, Thornaby-on-Tees Borough.

#### **Contributors**

Thornaby-on-Tees (England). Borough Council.

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1965

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# **BOROUGH OF THORNABY-ON-TEES**





# ANNUAL REPORT

ON THE

# HEALTH AND SANITARY CIRCUMSTANCES

OF THE BOROUGH

FOR THE YEAR ENDED 31st DECEMBER, 1965

A. ELSWORTH, M.B., B.S., D.P.H., Medical Officer of Health

and

H. C. SLATER, M.R.S.H., M.A.P.H.I., Chief Public Health Inspector



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## BOROUGH OF THORNABY-ON-TEES

# Mayor: COUNCILLOR MRS. V. M. HARRIS\*

#### Deputy Mayor: COUNCILLOR J. KIDD

#### Aldermen:

C. Anderton. \*E. E. Brennan. J. Burton. \*J Corfield.
T. Padgett.
\*Mrs. S. J. Smith.

#### Councillors:

C. Allen.
P. Bonar.
J. P. Booth.
W. D. Burns.
J. E. Davies.
N. Duff.
V. Greenan.
C. A. C. Harrison.

Mrs. E. M. Huck.
J. Hudson.
A. Huggins.
R. W. M. Kime.
P. Shepherd.
J. M. Scott.
J. White.
W. S. Wood.

#### Chairmen:

Health Committee ... Ald. E. E. Brennan, J.P.

Local Health Sub-Committee

for Thornaby Area ... Ald. E. E. Brennan, J.P.

\*Members of the Local Health Committee for the Thornaby Area.

The Health Committee consists of the whole of the members of the Council.

Town Clerk ... A. Stockwell.

Borough Treasurer ... H. M. Draycott, F.I.M.T.A. Borough Engineer ... J. L. Watson, M.I.Mun.E.,

M.R.S.H.

#### Public Health Staff:

Medical Officer of Health A. ELSWORTH, M.B., B.S., D.P.H.

Chief Public Health Inspector H. C. SLATER, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspector R. W. DOBSON, M.A.P.H.I.

Clerk/Pupil Public Health Inspector K. T. BARKER To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I wish to present my Annual Report on the Health and Sanitary Circumstances of the Borough of Thornaby-on-Tees for the year ended 31st December, 1965.

I have said in previous reports that no conclusions can be drawn from birth and death rates based on a comparatively small population such as Thornaby's. Last year I pointed out that the fact that the Infant Mortality rate in 1964 was Thornaby's lowest ever could not of itself be taken as proof of improving health in Thornaby. By the same token the rise in the number of deaths of infants under one year from 8 in 1964 to 15 in 1965 should not be seen as proof of deterioration in the health of Thornaby.

One statistic which unfortunately remains constant is the number of notifications of new cases of tuberculosis. In 1964 this had fallen to 3, but in 1965 it rose again to 9. In the years 1959 — 1963 the figures were 14, 7, 15 10, and 11. At the time of writing in late April, 1966, 8 new cases have already been notified this year.

Thornaby Council's active housing policy, including Slum Clearance and high class new houses on the airfield will make a large contribution towards controlling tuberculosis.

I said last year that under the standards of unfitness laid down in present legislation there would be no further large slum clearance areas in the town. However, I said that there was some prospect of a revision in the standards of unfitness. I am still waiting hopefully! If new standards should be issued, I can assure the Council that the Health Department will rigorously apply them and that it will do all it can towards removing the present old, dark, unventilated houses with no bathrooms and outside toilets in the northernmost part of the town and replacing them by modern housing.

A group of neighbouring Thornaby schools had an eventful year in the Public Health field. One afternoon in June, 156 children and 7 adults were taken acutely ill with food poisoning after eating the school meal. Investigation proved that the illness had been caused by cooked fresh tongue infected from the septic finger of one of the kitchen staff who had helped to prepare it. The finger had a dressing on it, but it was an open weave type of Elastoplast, not the plastic waterproof type which must be used by people preparing food not only in catering establishments but also in the home.

The same group of schools also contributed 4 of the 9 new cases of tuberculosis described above. Three of them were diagnosed separately in the months of August and September. The fourth was discovered during tests on all the children in the schools involved. However, after thorough investigation it was decided that there was no connection between any of the four cases.

The Chief Public Health Inspector has contributed a separate report on his duties. I would like to thank him and the Members and Officers of the Council for unfailing help and support during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

A. ELSWORTH.

#### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (Acres)							1,993
Population							23,000
Number of inhabi	ted hou	ises (er	d of 1	965)			7,252
Rateable Value						£	656,803
Sum represented b	y a pe	nny rat	te		*****		£2,510

The Town is situated on the south bank of the River Tees. The river forms the northern boundary of the Borough, separating it from the Borough of Stockton-on-Tees. On the east side the town adjoins the County Borough of Middlesbrough, and on the south and west sides the Rural District of Stokesley.

The surface of the ground is mainly flat, the sub-soil clay, and the industries carried on in the town are mainly connected with the iron and steel trades.

Much of the population works in the neighbouring areas of Middlesbrough, Stockton and Billingham.

#### Extracts from Vital Statistics for the Year 1965.

			Total	Male	Female
Live Births-	-Legitimate		471	238	233
	Illegitimate		45	25	20
	Total		516	263	253
Birth Rates					
Legitima	ite 19.66 per	1,000	estimated	resider	nt population.
Illegitim	ate 1.87	,,		,,	
Total	21.53	,,		,,	
			Total	Male	Female
Still Births-	-Legitimate		9	4	5
	Illegitimate		1	1	
	Total		10	. 5	5
Still Birth Ra	ate-19.01 per 1,	000 liv	e and still	births.	
			Total	Male	Female
Deaths			268	144	124
D D	15.15 1.000			0.000	

Death Rate—15.15 per 1,000 estimated resident population.

Deaths from Puerperal Causes-Nil.

Beating from Facipetal Causes 1111.			
I de la constantina della cons		ate per 1,00 and still bi	
Pregnancy, Childbirth, Abortion	NIL	-	
Infant Mortality-29.07 per 1,000 li	ive births.		
Mortality of Legitimate Infants—27 births.	7.60 per 1,000	legitimate	live
Mortality of Illegitimate Infants—44 births.	1.44 per 1,000	illegitimate	live
Deaths from Measles	mala in fluely		_
" Whooping Cough			-
" Diarrhoea (under two	years of age)		_
The causes of the greatest mor	rtality during 1	965 were :	
Heart disease	,		92
Cancer			58
Pneumonia			14
Bronchitis	V V		12
Comparison of Statistics for	the Years 1964	and 1965	
	1964	1965	
Population	22,770	23,000	
Birth Rate (per 1,000 population)	20.53	21.53	
Death Rate (per 1,000 population)	13.06	15.15	anuly.
Infant Mortality rate (per 1,000 live births)	16.43	29.07	

# Infant Mortality:

Causes of death of	finfants	under 1	week			
Atelectasis						1
Congenital M	alformati	ons				2
Prematurity	W 4.1					4
Causes of death of	infants	between	1 wee	k and	4 weel	ks:
Congenital M	alformati	ons	***	10001	1000	1
Causes of death of	infants l	etween	4 weel	ks and	1 year	:
Accident (Asj	phyxia)					3
Congenital M	alformati	ions				1
Hydrocephalu	s					1
Pneumonia						2
				T	otal	15

# BIRTH RATES, DEATH RATES and ANALYSIS of MORTALITY in the Year 1965

2007 500		Rate Per Population	Rate Per 1,000 Live and Still Births	Rate Per 1,000 Live Births	Rate Per 1,000 Total Births	
23.000	Live Deaths Births (All Causes)		Still Births	Infant Mortality	Maternal Mortality	
21.53		E (18	distance 0	10.1 mg/s		
England and Wales	18.1	11.5	15.7	19.0	0.25	
Thornaby-on-Tees	21.5	15.1	19.0	29.1	-	

CASES OF INFECTIOUS DISEASE (OTHER THAN TUBERCULOSIS) NOTIFIED DURING THE YEAR 1965

100		Total Deaths	Dog.	L	1	1	L	1	1	1	d	1
100	250	65 & Over	See See	1	1	1	10	-	1	nia Il	are e	2
		45 -	Plate.	-	2	1	1	1	1	1	1	5
100		35—		1	-	-	1	1	1	-	1	3
		20		2	2	1	1	1	1	1	1	4
LIFIED	YEARS	15-		1	1	1	1	1	1	-	1	1
S NO	- YE	10 —		1	1	1	3	1	1	1	1	4
NUMBER OF CASES NOTIFIED	AT AGES	- 5		1	1	15	124	1	1	1	-	140
ER OF	AT	4	7000	1		1	47	1	7	1	1	49
NUMBI		3 -		1	1	1	50	1	1	1	do	90
-		2-	-	1	1	1	56	1	2	1	-	59
		1		1	1	1	57	1	1	-	1	57
		Under		1	1	1	56	3	-	1	- Diece	30
		Total Cases at all Ages		2	6	17	363	4	4	2	6	404
		ses		:	:		:		:	-	•	1
		Notifiable Diseases		Dysentery	o Erysipelas	Food Poisoning	Measles	Pneumonia	Scarlet Fever	Virus Encephalitis	Whooping Cough	Totals
				I	9	T	~	H	S	-		

#### DIPHTHERIA PREVENTION

Diphtheria anti-toxin is supplied free to any Medical Practitioner in the Town who applies for it. Swabs from suspected cases are examined at the Public Health Laboratory, General Hospital, Middlesbrough.

There were no cases of diphtheria during the year.

In the course of medical inspections at schools and at the Welfare Centres parents are encouraged to have their children protected against Diphtheria either at the Clinic on alternate Wednesdays or by a private medical practitioner by arrangement.

#### **IMMUNISATION**

Diphtheria, Whooping Cough and Tetanus:		
Primary (completed course of 3 doses)	1	457
Boosters		261
Poliomyelitis:		
Primary (completed course of 3 doses)		265
Boosters		221

# TUBERCULOSIS

The following table shows the new cases and deaths for the Borough of Thornaby-on-Tees during 1965:—

		NEW	CASES		7	OTAL	DEATH	S
AGE IN YEARS	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	М	F
Under 1 year  1 year  5 years  10 ,  20 ,  25 ,  35 ,  45 ,  65 & upwards		-  -						HHHHHH
TOTALS	7	2	-	_	1	1	1	10

# CAUSES OF DEATH DURING THE YEAR 1965

All Causes		TO SHARE SHEET
All Causes	 144	124
		· Inglia
Tuberculosis, respiratory	 1	1
	 1	ALCOHOL: N
	 5	7
" lung, bronchus	 19	2
" _ " breast	 -	2
	 -	1
	 13	9
	 1	4
	 12	11
	 33	26
	 5	3
Other heart disease	 8	17
Other circulatory disease	 5	5
	 9	5
Bronchitis	 8	4
Other diseases of respiratory system	1	-
Ulcer of stomach and duodenum	 -	1
	 1	-
Nephritis and nephrosis	 2-	1
Hyperplasia of prostate	 1	-
	 1	3
Other defined and ill-defined diseases	 12	18
Motor vehicle accidents	 1	1
All other accidents	 5	2
Suicide	 2	1

# GENERAL PROVISION OF HEALTH SERVICES IN THE BOROUGH.

# 1. PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

At the beginning of the Report a list is given showing the Officers connected with the Health Services in the Borough.

#### 2. SERVICES PROVIDED IN THE AREA.

Laboratory Facilities. During the year the Borough Council continued the arrangements offered by the Public Health Laboratory, General Hospital, Middlesbrough, in respect of the diagnosis of pathological specimens.

#### 3. NATIONAL HEALTH SERVICE ACT, 1946.

With certain exceptions the Thornaby Area Health Sub-Committee exercises the functions of the Local Health Authority in supervising the services provided for under this Act. The Committee meets once in two months in Thornaby and is comprised of members of the County Council, the Borough of Thornaby-on-Tees and the Rural District of Stokesley. Among the services for which they are responsible to the County Council are the following:

Domestic Helps.
Prevention of illness; care and after care.
The Ambulance Service.
Vaccination and Immunisation.
Home Nursing.
Health Visiting.
Midwifery.
Care of mothers and young children.
Chiropody.

In this connection, a very comprehensive programme of clinical work is carried out in the Health Centre, Thornaby:—

## (a) District Nurses and Midwives operating in the Borough.

Jurse	Greenan	District	Nurse	and	Midwife.	Tel.	65029
,,	Griffin	,,	,,	,,	,,		68610
,,	Hildon	,,	,,	,,	,,		68628
,,	Wilson	,,	,,	,,	,,		67988
,,	Blamire	District					67293
,,	Mulholland	,,	,,				64590
,,	Magson	,,	,,				
.,	Mason	,,	,,				68803
,,	Boag	,,	**				67226

- (b) Infant Welfare Clinics: Tuesdays and Thursdays at 2 p.m.
- (c) Diphtheria Immunisation Clinics:
  1st and 3rd Wednesday in each month at 10 a.m.
- (d) Poliomyelitis Vaccination Clinics:
  2nd and 4th Wednesday in each month at 10 a.m.
- (e) Ante-Natal Clinics:
  Fridays at 2 p.m.
  (Midwives Booking Sessions: Wednesday and Friday weekly at 2 p.m.).
  Mothercraft classes are held on Wednesdays from time to time at the Health Centre.
- (f) Post-Natal Clinics: Every Friday at 2 p.m.
- (g) Cervical Cytology Clinics held on Monday afternoons by appointment.
- (h) Sunlight Clinics:
  Tuesdays and Thursdays at 9 a.m. by appointment.
- (i) Family Planning Clinics:
  Wednesday afternoons and Wednesday evenings
  (Evenings by appointment only).
- (j) A Minor Ailments session for schoolchildren is held on Tuesdays and Fridays at 9 a.m.
- (k) The Services of Orthopaedic, Ophthalmic, Dental and Aural Consultants are available (by appointment).
- (l) Child Guidance Clinics: Friday mornings by appointment.
- (m) Speech Clinics:

  Monday mornings and afternoons and Wednesday mornings by appointment.
- (n) Dental Clinic:

  Monday and Wednesday weekly by appointment.
- (o) Chiropody Clinic:
  Wednesday afternoons by appointment and Thursday
  mornings by appointment.

## 4. NATIONAL ASSISTANCE ACT, 1948.

Section 47. No cases dealt with during the year under the provisions of this section.

#### SANITARY CIRCUMSTANCES OF THE AREA

There is an adequate piped supply to all households obtained from the Tees Valley and Cleveland Water Board. Co-ordination is established with the Board, whose chemists take samples regularly for chemical and bacteriological examination. All samples have been highly satisfactory and no complaints have been received during this year.

#### Drainage and Sewerage.

With the exception of the Vale Cottages, situated on the Borough boundary and well outside the populated area, the town has a complete water carriage system. The whole of the sewerage is discharged in a crude state into the River Tees.

#### Public Cleansing.

The work is under the immediate control of the Public Health Inspector and is carried out by direct labour. All refuse collected is disposed of by "Controlled Tipping" on the one site at the Erimus.

#### Camping Sites.

There are no camping sites in the Borough.

#### Municipal Swimming Baths.

The whole capacity of the Bath, amounting to 124,000 gallons, can be turned over, refiltered, sterilised, chlorinated and reoxidised in three and a half hours. The break-point system of Chlorination (or super-chlorination) is used, and 21 samples of bath water taken during the year for bacteriological examination were highly satisfactory.

#### Schools.

The sanitary conditions of the Schools were satisfactory.

#### FOOD AND DRUGS ACT, 1955

For the report, as follows, on the sampling work done under the Act I am indebted to the Inspector of Weights and Measures.

I have to report that during the year ending 31st December, 1965, a total of 38 samples of food were purchased under the above Act for analysis by the Public Analyst, 37 of which were reported to be genuine. A sample of Branston Pickle was reported by the Analyst to have it's ingredients not in the order of proportion indicated on the label. The matter was taken up with the Manufacturer.

#### A detailed list is appended:-

Apple and Raspberry Jam	1	Ground Rice 1	
Blackcurrant Jam	1	Ground White Pepper	
Branston Pickle	1	Home made Potted Meat	
Brawn	1	Lard 1	
Butter	3	Malt Vinegar 1	
Butter Mints	2	Milk 14	1
Chocolate Sponge	1	Olive Oil 1	
Christmas Pudding	3	Salmon Patties 1	
Cocoa	1	Sugar Strands 1	
Fishcakes	1	_	-
Gravy Salt	1	Total 38	3
		- Hotel die no campage circa	-

A complaint was received from a Thornaby resident about a ladies Plastic Hair Curler in a bottle of Beer, but the matter was dropped at the request of the complainant.

## Food Poisoning Outbreaks.

163 persons were affected in the outbreak of food poisoning to which I have already referred.

## REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR THE YEAR 1965

To the Chairman and Members of the Health Committee.

Mr. Chairman, Ladies and Gentlemen,

In presenting my portion of the Annual Report, I convey my thanks to the staff of the Health Department and to the Members and Officers of the Council for their continued help and support.

Unfortunately, the vacancy caused by the resignation of Mr. R. Heslop in September, 1964 has not yet been filled and so it was not possible to do all the work that it was hoped to do. However, much useful work was accomplished.

With the coming into operation of the No. 2 Smoke Control Order on 1st October, half the area of the Borough is now subject to domestic smoke control. I am fully convinced of the public health value of this work and hope that it will be continued and extended.

The inspection work in connection with the clearance of insanitary houses was continued, and three areas containing 166 houses were dealt with during the year. Although a good deal of inspection work still remains to be done in the northern part of the town, more than 600 houses have been scheduled for clearance since the slum clearance programme commenced in 1958, and so the bulk of insanitary property has now been dealt with.

There has been a marked decrease in the number of notices served regarding nuisances and house repairs, and this is probably due to the progress made in slum clearance.

A substantial proportion of the premises registered under the Offices, Shops and Railway Premises Act, 1963, received a detailed inspection, and this is referred to in some detail in the report.

It was not found necessary to resort to legal proceedings to enforce the legislation with which I have to deal, and I am pleased to comment on the great degree of co-operation received.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. C. SLATER.

# SANITARY INSPECTION OF THE AREA

Description of Work carried out.				
Number of Inspections made		223		2544
Number of Re-Inspections made				3060
Number of Informal Notices served				415
Number of Statutory Notices served				22
RESULT OF SERVICE OF	NOT	ICES		
Drainage.				
Single private drains reconstructed or repa	ired			23
Waste pipes or sinks trapped or renewed				5
Water Closets.				
				27
Provided with sufficient supply of water	***		***	27
Cisterns repaired or renewed				14
Basins renewed				10
Houses.				
Roofs repaired				23
Eaves gutters repaired or renewed				27
Fall pipes repaired or renewed				7
Yard pavements repaired or relaid		14		2
Floors repaired or relaid				4
Defective walls				11
Defective ceilings				7
Defective plasterwork				21
Defective fireplaces				3
Handrails fixed or repaired				3
Defective sash cords and windows				14
Defective yard doors				7
Defective chimneys				11
Dilapidated coal doors				3
Dilapidated doors (front and internal)				8
Dilapidated dustbins				310
Dilapidated closet doors				4
Dilapidated closet seats				3
Dilapidated closet roofs				9
Defective joints between flushpipe and W.C				8
Defective flues				2
Miscellaneous minor defects				12
Houses provided with damp course				2
Water supply pines repaired or renewed				)

#### Closet Accommodation.

With the exception of one house on the southern boundary, all premises in the town are on the water carriage system.

#### Offensive Trades.

There are no offensive trades carried on within the Borough.

#### Common Lodging Houses.

There are no Common Lodging Houses in the Borough.

#### Slaughterhouses.

Public Slaughterhouses	 	 	o	-
Other Slaughterhouses	 	 		1
Number of inspections	 	 		78

#### Slaughter of Animals Act, 1958.

Two persons hold licences to slaughter animals.

#### DISEASES OF ANIMALS ACT, 1950

Routine inspections were carried out for the purpose of enforcement of the provisions of the Act, and Orders made thereunder.

The Area remained free from notifiable diseases.

#### INSPECTION AND SUPERVISION OF FOOD.

## (a) Milk Supply.

By virtue of The Milk (Special Designations) (Specified Areas) Order, 1954, the use of a Special Designation — "Pasteurised", "Sterilised" or "Tuberculin Tested" — has been obligatory for the purpose of all sales of mik by retail in the Borough since 1st April, 1954.

The Food and Drugs Authority is responsible for the granting of Dealers Licences.

#### (b) Ice-Cream.

66 premises are registered under Section 16 of the Food and Drugs Act, 1955 to sell ice-cream.

There are no manufacturing premises in the Borough.

#### (c) Meat and other Foods.

The following list shows the number of food premises in the Borough, by type of business:—

Bakehous	ses		 			4
Canteens			 			10
Confection	nery		 			12
Fish			 			4
Fried Fis	h		 Jan ph			16
Fruit and	Greeng	groceries	 -1		190	21
Groceries	and Pr	rovisions	 			97
Licensed	Victua	llers	 			20
Meat			 			22
Refreshm	ents		 			2
Sweets			 			17
					-	
			Т	OTAL		225

16 fried fish shops and 11 butchers shops, are registered under Section 16 of the Food and Drugs Act, 1955.

540 inspections were made of premises where food is prepared, stored or sold. 22 informal notices served were promptly complied with, and in no case was it found necessary to take statutory action or legal proceedings.

The food hygiene regulations were generally well observed, and the standard of cleanliness of premises and equipment was good.

# Meat Inspection.

# Carcases and Offal inspected and condemned in whole or in part.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known)	56	NIL	NIL	166	NIL	NIL
Number inspected	56		-	166	-	-
All diseases except Tuberculosis & Cysticerci Whole carcases condemned	NIL	NIL		NIL	NIL	_
Carcases of which some part or organ was condemned	2	NIL	11-1	2	_	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	3.5	NIL		1.2	NIL	
Tuberculosis only: Whole carcases condemned	NIL	NIL	-	NIL	NIL	-
Carcases of which some part or organ was condemned	-		1-01	adt of a		
Percentage of the number inspected affected with tuberculosis	1		ninutra	So born	561 od 50 200 - 70	Tuest Tuest
Cysticercosis Carcases of which some part or organ was condemned	NIL	NIL		NIL	NIL	

The following is a list of foodstuffs condemned as unfit for human consumption:—

				C	wts.	Qrs.	Lbs.	Ozs.
Meat						1	17	0
Meat Products						1	1	10
Canned Meat					1	2	26	2
Shellfish						3	27	0
Canned Fish							5	9
Canned Fruit						1	6	5
Canned Vegetal	bles					2	22	2
Canned Milk							8	12
Milk Products							3	12
Miscellaneous							9	8
		Т	OTAL	S:	4	2	15	12

#### SHOPS ACT, 1950

462 inspections were made under the above Act, and 14 informal notices served were complied with by the end of the year.

#### DISINFESTATION

54 premises were treated with insecticide for the eradication of common insect pests, with satisfactory results. Inspections were made to check re-infestation, and tenants advised on precautions to be taken.

The houses of all prospective tenants for Council houses are inspected and the house and furniture must be certified as clear from vermin before removal takes place.

#### RODENT CONTROL.

One trained Rodent Operative is employed part time on this work. Regular surveys were made and all complaints given prompt attention.

All sewers in the district received two treatments in accordance with the methods approved by the responsible Ministry, and routine inspections and treatments were made at other Council properties.

The following table shows the number of inspections and treatments carried out during the year:—

Type of Property		No. Inspected		No. eated
Local Authority Dwelling Houses Business Premises	 	 7 841 204	Rats 2 106 13	Mice 2 73 16
		1052	121	91
				=

#### REFUSE COLLECTION AND DISPOSAL

One 50 cubic yard S. & D. Pakamatic compression vehicle, one 7 cubic yard Karrier side loading vehicle, and a staff of 15 men were engaged full time throughout the year on the collection and disposal of house refuse.

The large capacity compression vehicle has been invaluable in coping with the ever increasing volume of refuse and the rapid developments taking place in the southern part of the Borough.

A weekly collection service from approximately 7,500 premises was regularly maintained.

All refuse was disposed of by controlled tipping on land near to the old river Tees. This land, which has been used for tipping for many years, is expected to be completely filled by the Spring of 1966, and arrangements have been made with Middlesbrough County Borough Council for the future disposal of all house refuse from the Borough.

#### ATMOSPHERIC POLLUTION

#### Measurement of Pollution.

Two deposit gauges are sited in central positions in the town from which monthly tests are made by the Public Analyst. The average monthly total insoluble solids in tons per square mile were 4.38 from the gauge in the residential area and 9.88 from the gauge in the semi industrial area.

#### Industrial Pollution.

28 timed observations were made of smoke emitted from industrial chimneys. Two warnings were issued regarding excessive emission of dark smoke.

#### Domestic Control.

The No. 1 Smoke Control Order which covers an area of 882 acres has been in operation since April, 1962. The area now contains approximately 1,500 premises and is being rapidly developed.

The No. 2 Smoke Control Order came into operation on 1st October, 1965. The area covered by the Order is 99.8 acres and contains 927 premises.

#### OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

#### Registration.

The following table shows the number of premises registered at the end of the year, and the number of persons employed in those premises:-

				1		Number of persons employed
Offices					28	334
Retail Shops					106	303
Wholesale Shop	s and	Wareh	ouses		1	41
Catering Establi	shmen	ts and	Canteens		17	94
Fuel Storage De	epots					ALL PROPERTY OF THE PARTY OF TH
					152	772

The 772 persons employed comprised 265 males and 507 females.

#### Inspection

Detailed inspections of the following premises were carried out during the year.

Offices			 	 	 23
Retail Shops			 	 	 101
Catering Estab	olishme	ents	 	 	 2
					126

As a result of these inspections 118 informal notices were sent to owners or occupiers.

Only a few of the premises which received a detailed inspection complied in all respects with the requirements of the Act. Contraventions, however were mainly of a minor character.

#### PETROLEUM (REGULATIONS) ACTS, 1928 to 1936

Licences were granted to 29 firms for the keeping of Petroleum Spirit, each licence being for twelve months.

All the petroleum spirit is kept in separate stores, specially constructed of fire-proof materials throughout, and the Regulations otherwise complied with.

# FACTORIES ACT, 1961 INSPECTION OF FACTORIES.

		Number of				
Premises	No. on Register	Inspections	Written Notices	Occupiers prosecuted		
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	2	1000	-		
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	61	88	5	-		
(iii) Other Premises in which Section 7 is enforced by the Local Authority (ex- cluding out - workers premises)	15	24	beresta de + loc			
Total	77	114	5	-		

# DEFECTS FOUND IN FACTORIES.

THE RESERVE OF THE PARTY OF THE	No. of Defects					
Particulars	Found	Remedied	Referred by H.M. Inspector	No. of Prosecu- tions		
Want of Cleanliness (S.1.)	-	-	-	-		
Overcrowding (S.2.)	1 -	-	-	-		
Unreasonable temperature	1	land i	Bern mis	100 12		
(S.3.)	1 -	-	- 1	-		
Inadequate ventilation	1		550019	100		
(S.4.)	-	-	-	-		
Ineffective drainage of	1	1	A SEAR DE			
floors (S.6.)	1	1 -	-	-		
Sanitary Conveniences (S.7.)	1	1 13000	M. (1)			
Insufficient	6	6	2	-		
Unsuitable or defective	8	7	1	-		
Not separate for sexes	-	-		-		
Other offences	1-	-	- 1	-		
Total	14	13	3	-		

There are no Outworkers.

# HOUSING STATISTICS.

1.	Insp	pection of Dwelling Houses during the year:-	
	(1)	(a) Total number of dwelling-houses inspected for Housing defects (under Public Health	
		or Housing Acts)	846
		(b) Number of inspections made for the purpose	1022
	(2)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	120
	(3)	Number of dwelling-houses (exclusive of those referred to under the preceeding sub-head) found not to be in all respects reasonably fit for human	
		habitation	77
2.		nedy of Defects during the Year without Service of Formal Notices.	
	con	mber of defective dwelling-houses rendered fit in sequence of informal action by the Local Authority heir officers	85
3.	Act	ion under Statutory Powers during the year:-	
-	(a)	Proceedings under Sections 9 and 10 of the Housing Act, 1957:—	
-		(1) Number of dwelling-houses in respect of which notices were served requiring repairs	6
		(2) Number of dwelling-houses which were rendered fit after service of formal notices:—	
		(a) By Owners	5
		(b) By Local Authority in default of owners	2

(b)	Proceedings under Public Health Acts:-
	(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 13
	(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—
	(a) By Owners 8
	(b) By Local Authority in default of owners 1
(c)	Proceedings under Section 17 of the Housing Act, 1957:—
	(1) Number of dwelling-houses in respect of which Closing Orders were made 1
Clearan	ce Areas :—
	e Ministry of Housing and Local Government confirmed owing Compulsory Purchase Orders.
Du	No. of Properties rham Street, Wellington Street,
. (	Dueen Street East 54

# RENT ACT, 1957

Palmerston Street and Skinner Street

York Street (No. 1) ... ...

No applications were received for certificates under the Act.

80

32

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