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Borough of Redcar

1957

ANNUAL REPORTS

by the

MEDICAL OFFICER OF HEALTH

H. PATTINSON, M.B., Ch.B., D.P.H.

and the

CHIEF PUBLIC HEALTH INSPECTOR

N. HUDSON, M.A.P.H.I., M.R.S.H.,
Certified Meat and Food Inspector



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To the Mayor, Aldermen and Councillors of the Borough of Redcar

Mr. Mayor, Madam and Gentlemen,

I present herewith my eighth annual report on the health and sanitary circumstances of the Borough.


I should like to record my thanks for the help and encouragement given to me throughout the year by the Chairman of the Health Committee, Alderman Gillingham, and by other members of the Committee. To the Heads of other departments I am again indebted for their continued co-operation and good advice.

During the year the retirement of Mr. W. Tutin, Chief Public Health Inspector, marked the end of 35 years service to Redcar. During this time immense improvements have been made in health and hygiene, and his personality and immense local knowledge enabled him at all times to take a leading part. He has left his influence in his department and is succeeded by his Deputy Mr. N. Hudson, whom I welcome as a colleague and part author of this report.

Your obedient servant,

H. PATTINSON,

Medical Officer of Health.



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STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area (in acres)	7,035
Population (Registrar General's estimate for mid-1957) ...	28,310
Number of inhabited houses	9,053
Rateable value	£364,409
Estimated product of a penny rate 1957-58	£1,470

* * *

VITAL STATISTICS

TABLE I

	Male	Female	Total		
Live Birth ...	248	215	463	Rate per 1,000 population ...	16.4
Legitimate ...	227	209	436		
Illegitimate ...	21	6	27		
Corrected Birth Rate 16.8					
Still Births					
Legitimate ...	5	3	8	Rate per 1,000 (Live and Still) Births ...	16.9
Illegitimate ...	1	—	1	Rate per 1,000 Illegitimate births ...	35.7
Deaths from puerperal causes ...			1	Rate per 1,000 total births ...	2.1
Deaths of all Infants under 1 year of age ...			11	Rate per 1,000 live births ...	23.8
Deaths of Legitimate Infants under 1 year of age ...			8	Rate per 1,000 legitimate live births ...	18.3
Deaths of Illegitimate Infants under 1 year of age ...			3	Rate per 1,000 illegitimate live births ...	111.1
Deaths from Enteritis and Diarrhoea under 2 years of age Nil				Rate per 1,000 live births ...	Nil

TABLE II

**CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY, AND CASE
RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1957**

Rates per 1,000 Population

All Causes 13.0*	Typhoid and Paratyphoid (Enteric Fever) 0.00	Whooping Cough 0.00	Diphtheria 0.00
Tuberculosis 0.07	Influenza 0.14	Pneumonia 0.28	Acute Poliomyelitis 0.00

*Corrected Death Rate

* * *

NOTIFICATIONS

Typhoid 0.00	Paratyphoid 0.00	Meningococcal Infection 0.00	Scarlet Fever 0.84	Whooping Cough 0.88	Diphtheria 0.00	Erysipelas 0.00
Smallpox 0.00	Measles 17.13	Pneumonia 0.88	Acute Poliomyelitis (Paralytic) 0.00	Food Poisoning 0.07		

TABLE III

DEATHS FROM ALL CAUSES

	Male	Female
Tuberculosis, respiratory	1	1
Tuberculosis, other	—	—
Syphilitic disease	—	1
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases	1	—
Malignant Neoplasm, stomach	8	7
Malignant neoplasm, lung, bronchus	9	3
Malignant neoplasm, breast	—	5
Malignant neoplasm, uterus	—	4
Other malignant and lymphatic neoplasms	7	11
Leukaemia, aleukaemia	—	—
Diabetes	—	3
Vascular lesions of nervous system	25	25
Coronary disease, angina	33	21
Hypertension with heart disease	3	5
Other heart disease	23	31
Other circulatory disease	11	3
Influenza	3	1
Pneumonia	4	4
Bronchitis	8	—
Other disease of respiratory system	2	—
Ulcer of stomach and duodenum	2	1
Gastritis, enteritis and diarrhoea	—	1
Nephritis and nephrosis	5	3
Hyperplasia of prostate	1	—
Pregnancy, childbirth, abortion	—	1
Congenital Malformations	2	—
Other defined and ill-defined diseases	15	13
Motor vehicle accidents	4	2
All other accidents	7	3
Suicide	3	1
Homicide and operations of war	—	—
	<hr/> 177 <hr/>	<hr/> 150 <hr/>

COMMENTARY ON STATISTICS

There was a sharp fall in the Birth Rate while the Death Rate was virtually unchanged.

The infant mortality was lower than the previous year and it was notable that of the 11 deaths, all but one occurred before the 28th day of life. This illustrates that further improvement largely depends on reducing the number of premature births and congenital malformations which are by far the commonest casual factors in these early deaths. It is also a measure of the success achieved in modern times against the bacterial diseases, which were the chief cause of death between the age of one month and one year which used to greatly outnumber those occurring before the age of one month.

NOTIFICATIONS OF INFECTIOUS DISEASES

			1957 Population 28,310	1956 Population 28,100	1955 Population 27,880	1954 Population 27,720
Scarlet Fever	...	...	24	15	17	29
Diphtheria	...	...	0	0	0	0
Typhoid Fever	...	...	0	0	0	0
Paratyphoid	...	...	0	0	0	0
Measles	...	...	485	331	108	258
Whooping Cough	...	...	25	72	160	100
Puerperal Pyrexia	...	...	0	1	1	2
Erysipelas	...	...	0	3	0	0
Pneumonia	...	...	25	23	19	25
Cerebro-spinal Meningitis	...	...	0	0	0	0
Paralytic Poliomyelitis	...	...	0	0	0	0
Pulmonary Tuberculosis	...	...	20	29	27	21
Other forms of Tuberculosis	...	...	2	1	1	4
Ophthalmia Neonatorum	...	...	0	0	0	1
Dysentery	...	...	2	10	0	2
Food Poisoning	...	...	2	6	2	6

* * *

NOTIFICATIONS OF TUBERCULOSIS, 1957

Male Age Groups								Female Age Groups									
0-	10-	20-	30-	40-	50-	60-	Tot.	0-	10-	20-	30-	40-	50-	60-	Tot.	Tot.	
2	2	2	1	1	2	3	13	4	2	2	1	0	0	0	9	22	
20 Pulmonary								2 Non-Pulmonary									

* * *

DIPHTHERIA IMMUNISATION

	1957	1956	1955	1954	1953	1952
Full Course	316	335	396	354	344	313
Reinforcing Dose	208	292	433	338	323	410
	<hr/> 524 <hr/>	<hr/> 627 <hr/>	<hr/> 829 <hr/>	<hr/> 692 <hr/>	<hr/> 667 <hr/>	<hr/> 723 <hr/>

INFECTIOUS DISEASES

The measles epidemic continued over from 1956, but since the early months of the year there have been few cases and complications were a rarity.

It is pleasing to report another year free from poliomyelitis and it is to be hoped that the intensive immunisation campaign will help to minimise any future outbreak.

An extensive epidemic of influenza occurred in the Autumn months but on the whole cases were mild in character. The bulk of the cases occurred among school children who readily infected their parents, but grandparents and the aged in general resisted infection well, which fact undoubtedly explains the relatively low mortality from the disease.

* * *

CLINIC FACILITIES AVAILABLE IN REDCAR

Details of various clinics held in the area are given below :—

5 Turner Street, Redcar

Ante-natal Clinic—Tuesdays, 1-0 p.m.

Post-natal Clinic—Second Tuesday in each month, 10-0 a.m.

Child Welfare Sessions—Thursdays, 2-0 p.m.

Minor Ailments Clinics for school children—

Mondays, Wednesdays and Fridays, 9-30 a.m.

Diphtheria Immunisation—Mondays and Fridays, 9-30 a.m., Thursdays, 2 p.m.

Orthopaedic Consultant's Clinics—Second Thursday in month, 10-30 a.m.

Dental Sessions—As and when arranged (by appointment).

Ophthalmic Consultant's Sessions—Fridays, 2-0 p.m. (by appointment).

E.N.T. Clinic—Fourth Thursday in month, 10-0 a.m. (by appointment).

Dormanstown Methodist Schoolroom

Child Welfare Sessions—Every Wednesday, 2-0 p.m.

Diphtheria Immunisation—Every Wednesday, 2-0 p.m.

HOUSING

	1957	1956	1955
Permanent Houses completed by the Local Authority ...	Nil	66	31
Permanent Houses completed by Private Builders ...	70	114	141
Aged Persons Houses completed by the Local Authority	Nil	Nil	Nil
	<hr/> 70	<hr/> 180	<hr/> 172
Permanent Houses under construction by Local Authority at end of year	18	Nil	76
Permanent Houses under construction by Private Builders at end of year	30	46	65
Aged Persons Houses under construction by Local Authority at end of year	30	Nil	Nil
	<hr/> 78	<hr/> 46	<hr/> 141
Total number of applicants for Houses at end of year ...	978	938	1269
Total number of applicants for Aged Persons Houses at end of year	199	331	260

ACCIDENTS

In my last report for 1956 I said "We may expect one person out of each 2,000 in Redcar will be dead by December due to an accident." I regret to say that this forecast proved correct and by December, 1957, the record of deaths by accident read as follows:—

Sex	Age	Remarks
F	80+	Home accident.
M	0-10	Drowning.
M	20-30	Industrial.
F	10-20	Road accident.
M	80+	Home accident.
M	60-70	Road accident.
M	70-80	Road accident.
F	70-80	Road accident.
M	0-10	Road accident.
F	80+	Home accident.
M	10-20	Road accident.
F	80+	Home accident.
M	30-40	Industrial.
M	40-50	Industrial.

The familiar pattern is retained, the aged fall at home or are knocked down on the road; the working man is killed at his work or in a road accident; the children largely die on the roads or in home accidents, and only in this latter sphere is there cause for congratulation in that no child was actually killed at home.

There are still far too many burning and scalding accidents to children in their homes. The causes are various but the following are the main ones either alone or in combination.

- 1.—Overcrowding. This may be made even worse by untidy habits and slipshod methods in the kitchen.
- 2.—Lack of an efficient fire guard for coal fires or failure to use it properly. Some parents rely on young school children as baby sitters, etc., and are surprised if it is suggested that they are neglecting the safety of the toddler in the family.
- 3.—Gas and electric fires are also dangerous when improperly fixed or inadequately guarded.

Many people with old fashioned types of appliance make no effort to obtain a guard.

* * *

WATER SUPPLY

No shortage of water was experienced during the year. During the latter half of the year there was some anxiety concerning the bacteriological findings which indicated some form of pollution. Extensive investigations of the catch-

ment area, reservoir and springs was undertaken but failed to detect any definite cause. Post-filtration chlorination was installed immediately as a temporary measure and was still in use at the end of the year. Following these measures tap samples gradually improved up to the usual high standard.

* * *

SEWERAGE

Work on the new sewer continued throughout the year. Repairs to the Warrenby outfall were also put in hand and it is to be hoped that no further nuisance will be caused from this source.

FACTORIES ACTS, 1937 and 1948

1. INSPECTIONS for purposes of provision as to health (including inspections made by Public Health Inspectors)

	Number on Register	Number of Inspections	Number of Written Notices
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	17	51	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authorities	78	110	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	8	Nil
Total ...	98	169	Nil

2. CASES IN WHICH DEFECTS WERE FOUND

Number of cases in which defects were found					
	Found	Remedied	To H.M. Inspector	Referred By H.M. Inspector	
Want of Cleanliness (S.1)	6	6	Nil	Nil	
Unreasonable Temperature (S.3) ...	Nil	Nil	Nil	Nil	
Inadequate Ventilation (S.4) ...	Nil	Nil	Nil	Nil	
Ineffective drainage of floors (S.6) ...	2	2	Nil	Nil	
Sanitary Conveniences (S.7)					
(a) Insufficient	2	2	Nil	Nil	
(b) Unsuitable or Defective ...	3	3	Nil	Nil	
Total ...	13	13	Nil	Nil	

* * *

OUTWORK

(Sections 110 and 111)

Nature of Work	No. of out-workers in August list required by Sect. 110(1)(c)
Wearing apparel	
Cleaning and washing ...	Nil
Making, etc.	3

ANNUAL REPORT
FOR THE YEAR 1957

by

N. HUDSON

M.A.P.H.I., M.R.S.H.,

Certified Meat and Food Inspector,

Chief Public Health Inspector and

Cleansing Superintendent.

To the Mayor, Aldermen and Councillors of the Borough of Redcar

Mr. Mayor, Madam and Gentlemen,

It affords me great pleasure to submit my Annual Report recording and setting out the work of the Health and Cleansing Department for the year ended 31st December, 1957.

On summarising the work of inspections, the main items were food inspection, housing inspections and repairs, hygiene of shops and public cleansing. More detailed reports are given under separate headings in the report.

Inspections

The following is a tabulated statement of the number and nature of inspections made and recorded during the year under the various Acts, Orders and Byelaws in force within the Borough:—

Total number of inspections ...	...	...	7106
Total number of re-inspections ...	...	...	7670
Total number of nuisances found ...	...	...	7060
(including 6 outstanding 1956)			
Total number of nuisances abated ...	...	...	7040
Total number of Informal Notices ...	...	...	7019
Total number of Statutory Notices ...	...	...	Nil
Total number of Informal Notices complied with ...	...	...	7010
Total number of Statutory Notices complied with ...	...	...	Nil
Total number of Informal Notices outstanding ...	...	...	9
Total number of Statutory Notices outstanding ...	...	...	Nil

Sanitary Works and Improvements

Dilapidated dust bins ...	...	...	192
Choked drains ...	...	...	1397
Choked and defective eave spouts ...	...	...	12
Choked sewers ...	...	...	41
Defective flushing apparatus ...	...	...	10
Keeping of animals, poultry, etc., in an insanitary condition ...	...	...	6
Defective construction of drains ...	...	...	12
Dirty condition of dwellinghouses ...	...	...	22
Dirty condition of water closets, urinals, etc. ...	...	...	8
Accumulation of rubbish ...	...	...	566
Dirty condition of yards ...	...	...	2
Defective roofs ...	...	...	67
Defective floors of dwellinghouses ...	...	...	11
Defective and insanitary condition of sinks ...	...	...	12
Defective W.C. basins ...	...	...	6
Choked street gullies ...	...	...	92
Defective paving of yards ...	...	...	6
Defective fire-places ...	...	...	9
Premises in a verminous condition ...	...	...	94
Overcrowded condition of premises ...	...	...	30
Choked and defective rain water pipes ...	...	...	1
Broken plaster work ...	...	...	31
Premises in need of lime-washing ...	...	...	6

Offensive smells	948
Insufficient sink accommodation	2
Defective construction of windows	10
External walls requiring re-pointing	150
Choked and defective waste pipes	11
Defective and dangerous conditions of outbuildings	1

Infectious Diseases and Disinfection

Number of infected houses	79
Number of infected houses disinfected	79
Number of schools disinfected	8
Number of classrooms disinfected	14

Factories and Workshops

Number of inspections of factories and workshops	187
Number of nuisances found	9
Number of nuisances abated	9
Number of complaints from H.H. Inspector ...	6

Bakehouses

Number of bakehouses on Register	14
Number of notifications received from H.M. Inspector	Nil
Number of notifications dealt with	Nil
Number of bakehouses added to Register ...	Nil
Number of bakehouses removed from Register	20
Number of nuisances discovered and dealt with	4
Number of inspections	91

Milkshops

Number on Register	38
Number discontinued during the year	Nil
Number of inspections	246
Number of notices dealt with	21

Public Conveniences

Cleansing and disinfection of all conveniences is carried out daily throughout the year. A new disinfectant, P-di-B, was procured which is crystallised, and when used gave a pleasant aroma but even this did not hide from the public the condition of some of the conveniences throughout the Borough.

A great deal of damage is still being done to all conveniences, which can only be classed as wilful damage and until some means of prevention is found or examples made of the persons concerned, this will always be prevalent throughout the Borough.

Water Supply

There are three main sources of supply, namely :—

1. Bulk supply from the Tees Valley Water Board. This water is received at the Meter House, Lazenby Siding, at the western boundary of the Borough. It is distributed to Dormanstown and part of the Borough west of West Dyke

Road, the maximum quantity available is two million gallons in any one week, and the water is soft in character.

2. Bulk supply from the Cleveland Water Company. The supply is received at the Corporation Reservoir, Upleatham. The quantity available is 250,000 gallons per day, although this has been reduced in times of drought. The water is soft in character.

3. Further supplies are received from an Adit and Worts well Spring at Upleatham, which together deliver approximately 250,000 gallons per day. These waters are fed into the Corporation Reservoir, Upleatham, where they mix with that supplied by the Cleveland Water Company, the whole being treated by chloramination and filtration prior to distribution to the whole of the Borough not supplied by water from Tees Valley Water Board.

The water from the Adit is very hard in character whilst that from the spring is soft, and the water at the outlet to the reservoir as a result of the mixture of the three supplies is hard in character.

Shops Act

	Number of Defects found	Number Remedied	Number Outstanding
Rooms not at reasonable temperature	1	1	Nil
Lack of ventilation	4	4	Nil
Insufficient sanitary accommodation	9	9	Nil
Lack of accommodation for taking meals	4	4	Nil
Insufficient washing accommodation	10	10	Nil
Provision of hot water	5	4	1

Ice Cream Manufacturers and Dealers

Under Section 16 of the Food and Drugs Act, 1955, all premises used for the manufacture, sale or storage of Ice Cream have to be registered. The number on the Register in the Borough of Redcar at the end of the year was :

Number on Register	Number of Inspections	Number of Nuisances found	Number of Nuisances dealt with	Number of Samples taken
137	181	5	5	56

Samples have been taken throughout the season both from manufacturers and retailers. The samples are analysed at the Public Health Laboratory, Middlesbrough, and a summary of the results is given below :—

- 43 samples were found to be Grade 1.
- 8 samples were found to be Grade 2.
- 4 samples were found to be Grade 3.
- 1 sample was found to be Grade 4.

Investigations were made into the premises where the Grade 3 and 4 samples were taken and it was found that the homogenising machine had not been properly cleansed. After this machine had been cleansed and treated, Grade 1 samples were obtained in the future.

Under the same Section as above, all premises used for the manufacture of sausage and potted meats have to be registered. The following is a summary of the Registrations for this purpose :—

Number on Register	Number of Inspections	Number of Nuisances found	Number of Nuisances dealt with	Number of Samples taken
25	81	3	3	Nil

All these manufacturing registrations are for premises in connection with butchers' businesses.

Prevention of Damage by Pests Act, 1949

Rodent Control

Two full-time rodent operators are employed in the Health Department, one is responsible for all property east of the clock and the other for property west of the clock. Two sewer campaigns were carried out during 1957, in May and November, when baiting took place on the 1st, 3rd and 5th days and then followed by poison in the manholes where the bait was partially or completely taken. The following is a summary of the treatments:—

Total number of manholes baited during the two treatments ...	436
Number of partial re-bait takes	97
Number of pre-bait takes	196
Number of partial poison takes	211
Number of poison takes	42

The following table will give you a summary of the work carried out by your two rodent operators:—

Number of Council houses dealt with for mice	24
Number of visits to Council houses for mice	411
Number of Council houses dealt with for rats	52
Number of visits to Council houses for rats	1123
Number of private houses dealt with for mice	30
Number of visits to private houses for mice	743
Number of private houses dealt with for rats	92
Number of visits to private houses for rats	3077
Number of business premises dealt with for mice	6
Number of visits to business premises for mice	71
Number of business premises dealt with for rats	21
Number of visits to business premises for rats	472
Number of surface investigations for mice	4
Number of visits involved in surface investigations for mice ...	35
Number of surface investigations for rats	67
Number of visits involved in surface investigations for rats ...	1642

Total number of visits — 7,574.

Summer Camps

There are three licensed camping grounds within the Borough, two of which are for summer occupation and one all the year round, the latter one being occupied by I.C.I. workers and sub-contractors to I.C.I. These camps are periodically inspected and when complaints have been found the owners have been notified and the work has been carried out. More attention has been paid to the inspection of sanitary conveniences and washing facilities than in previous years, with special regard to the water supply.

Disinfestation

We are still receiving complaints re infested premises and the removal of skirtings and mouldings and the stripping of wallpaper on heavily infested premises is being carried out in order to receive satisfactory results. In all cases a solution of D.D.T. is being used and is found to be very efficient. The total number of infestations reported during the year was 94.

Disinfection of Premises

During the year 24 premises were disinfected following infectious diseases.

Housing (Overcrowding)

The degree of overcrowding of houses throughout the Borough has continued to decrease. Inspections of houses on behalf of the Housing Department has been continued, 173 houses have been dealt with during the year.

Squatters Camps

Ten huts are still occupied at Biddy Camp. Inspection of this camp takes place monthly and I have to report that the condition is deteriorating and we have considerable difficulty with clearing the drains due to interference from children.

Places of Entertainment

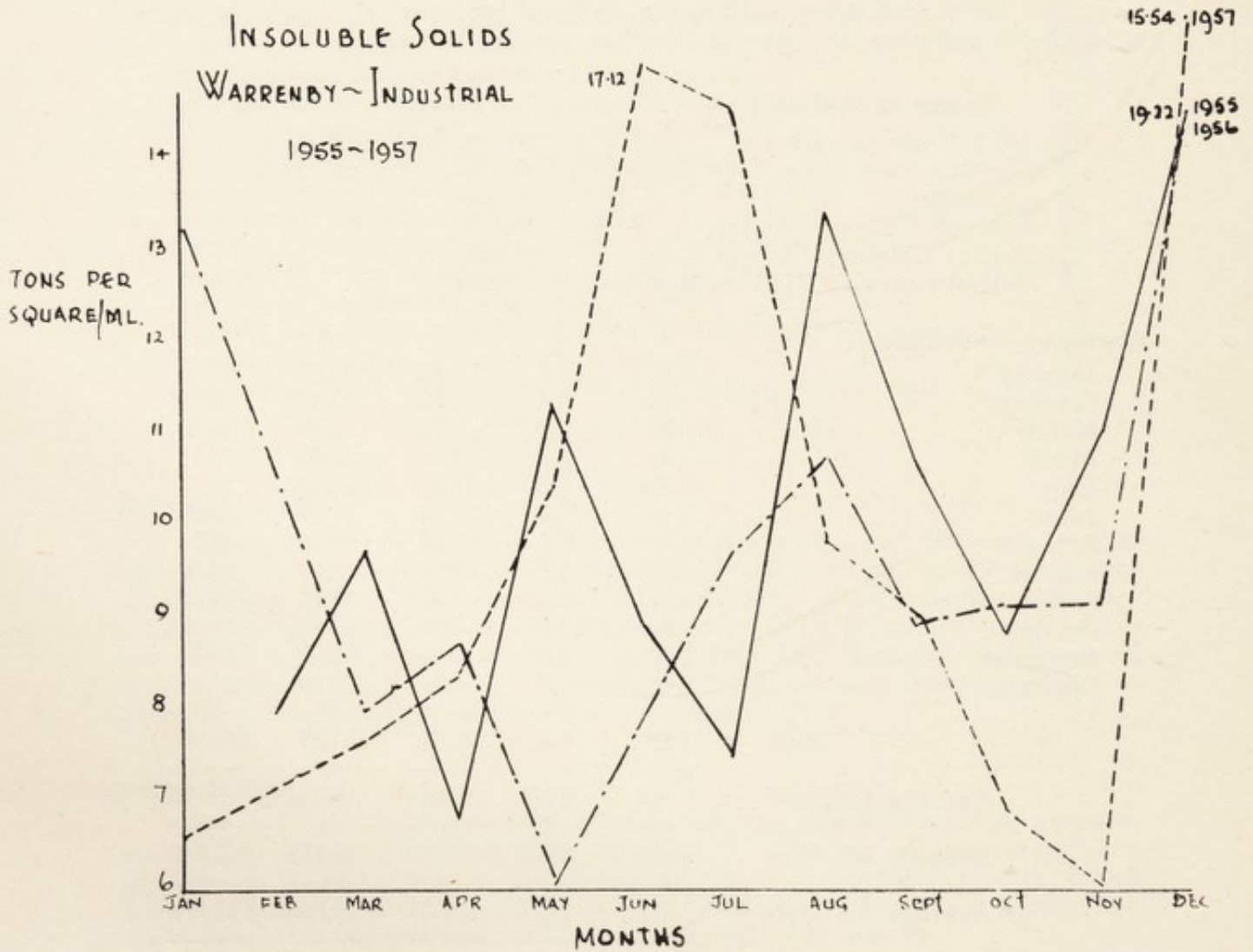
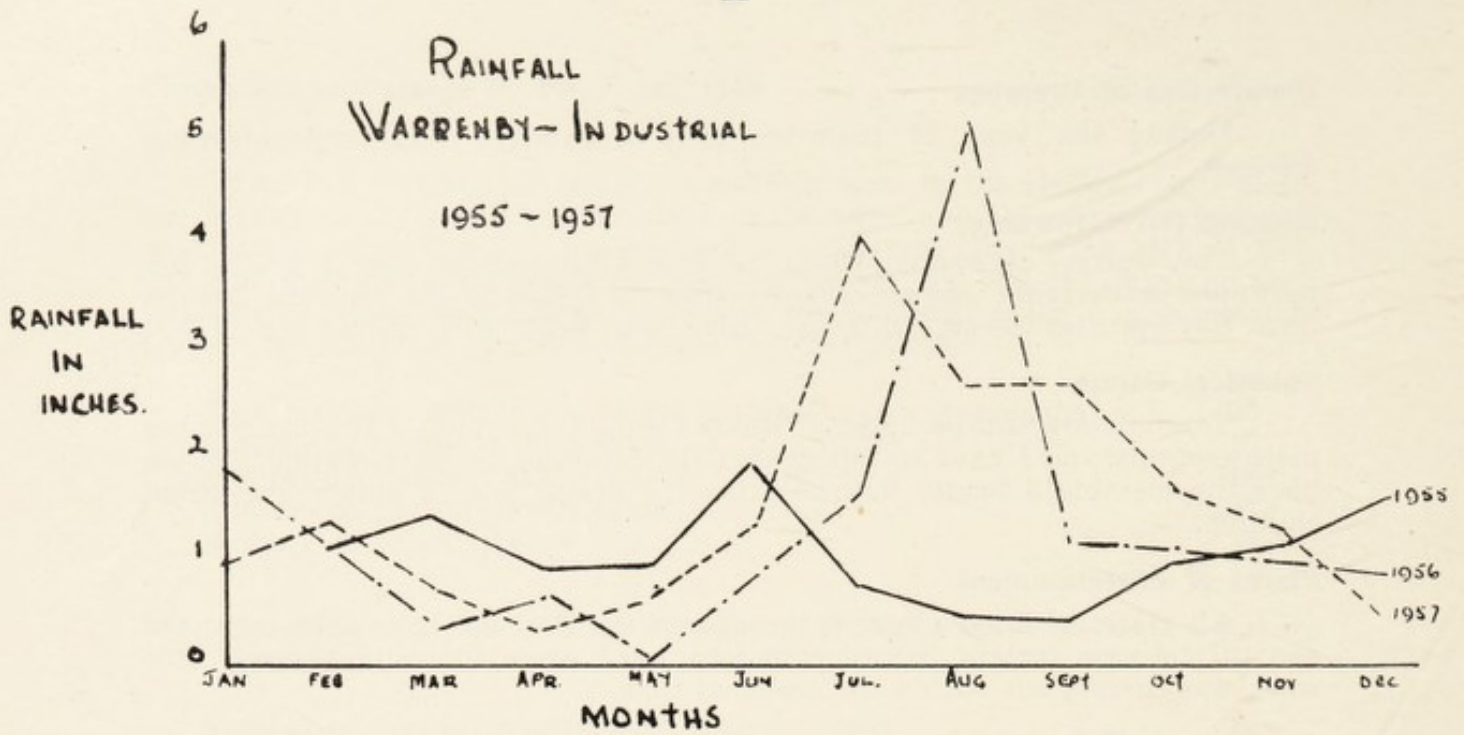
All places of Entertainment throughout the Borough have been inspected and in one case certain recommendations were made for improvement. This work was carried out within the specified time.

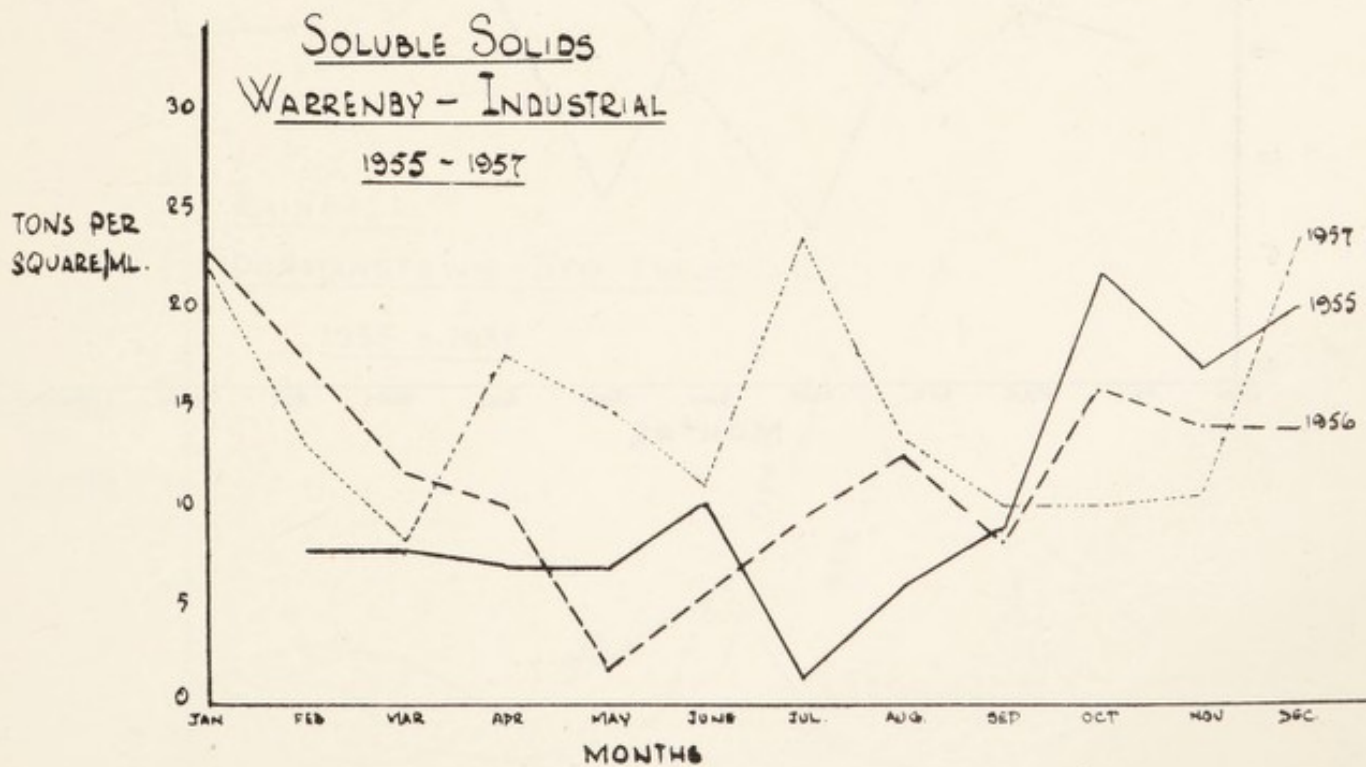
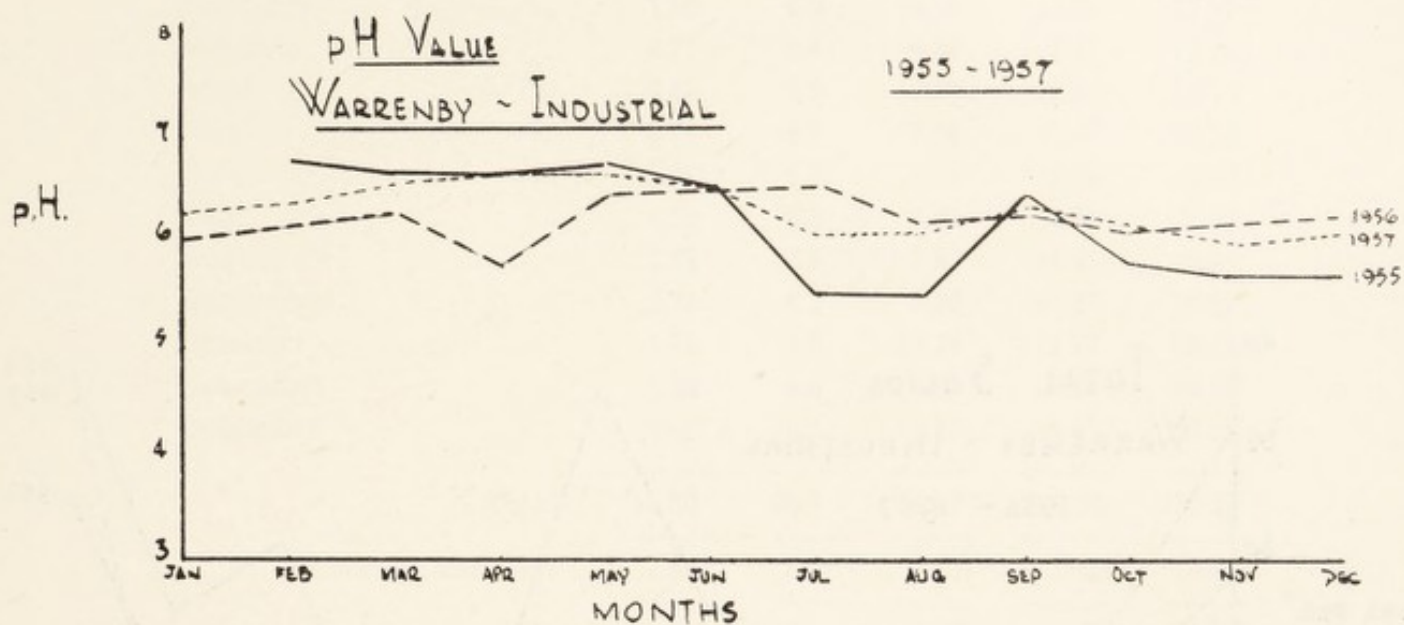
Atmospheric Pollution

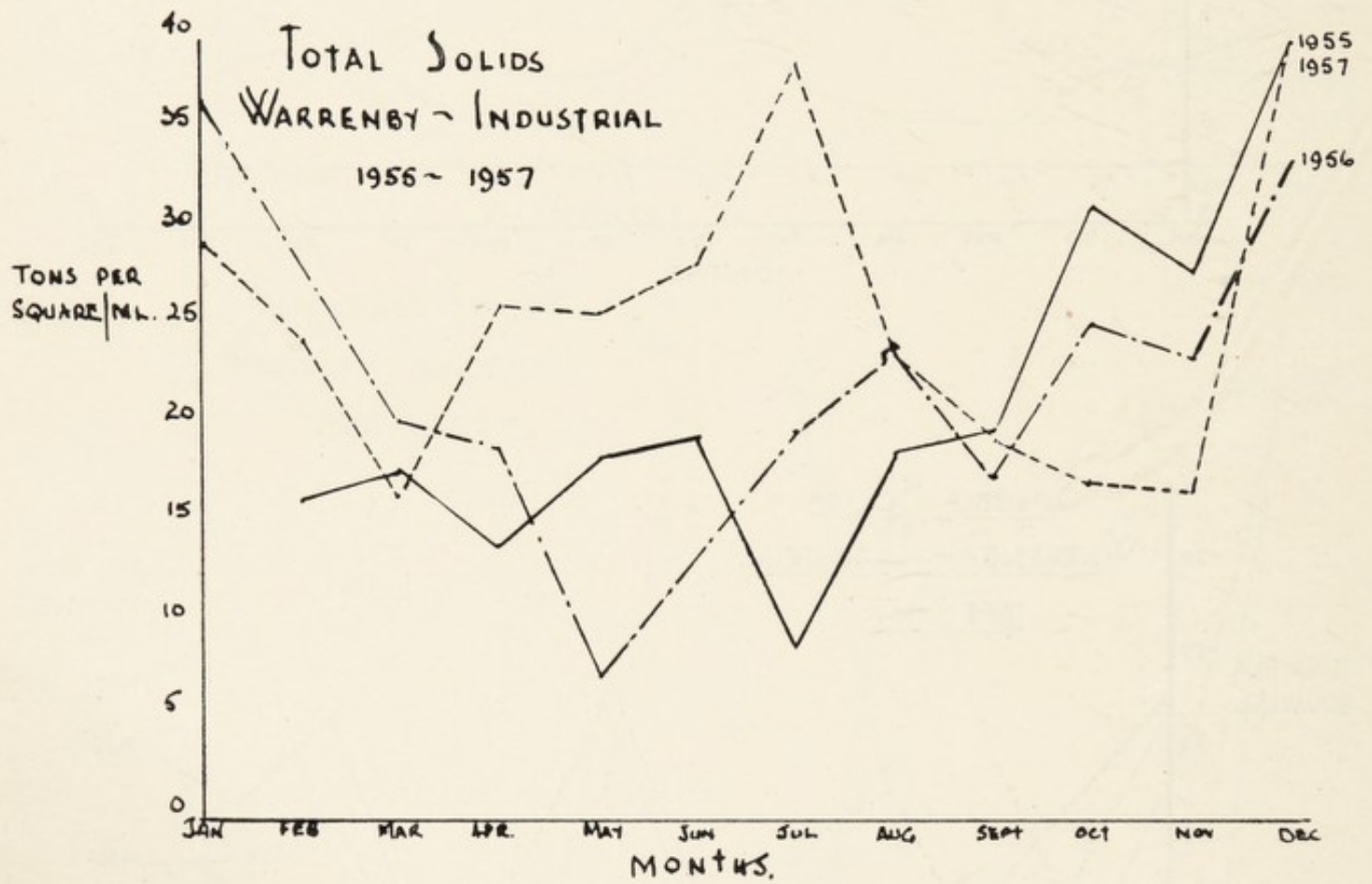
The chief industries within the Borough causing or likely to cause atmospheric pollution are set out here for your information:—

Source of Pollution	Description of Pollution or Potential Pollution
1. I.C.I. Chemical Works	Smoke and Fumes.
2. Dorman Long & Co. Steel Works	Smoke, Grit and Fumes.
3. Laundry	Smoke.
4. Schools' Cooking Centre	Smoke.
5. School Chimney, Redcar Lane	Smoke.
6. School Chimney, Kirkleatham Lane	Smoke.

Warrenby—Industrial			A	B	C	D	E
January	...	...	1.05	6.3	6.63	22.57	29.20
February	...	...	1.44	6.4	10.60	13.42	24.02
March	...	...	0.78	6.6	7.75	8.65	16.40
April	...	...	0.38	6.7	8.48	17.63	26.11
May	...	...	0.67	6.7	10.57	15.18	25.75
June	...	...	1.38	6.6	17.12	11.27	28.39
July	...	...	4.11	6.1	14.58	23.96	38.54
August	...	...	2.65	6.1	9.84	13.72	23.56
September	...	...	2.65	6.4	8.98	10.27	19.25
October	...	...	1.73	6.2	6.89	10.31	17.20
November	...	...	1.30	6.0	5.93	10.90	16.83
December	...	...	0.45	6.3	15.54	23.99	39.53
Total			18.59	76.4	122.91	181.87	304.78
Average for 1957			1.549	6.366	10.242	15.155	25.398
Average for 1956			1.406	6.23	10.219	12.286	22.505
Average for 1955			1.212	6.21	10.515	10.565	21.8

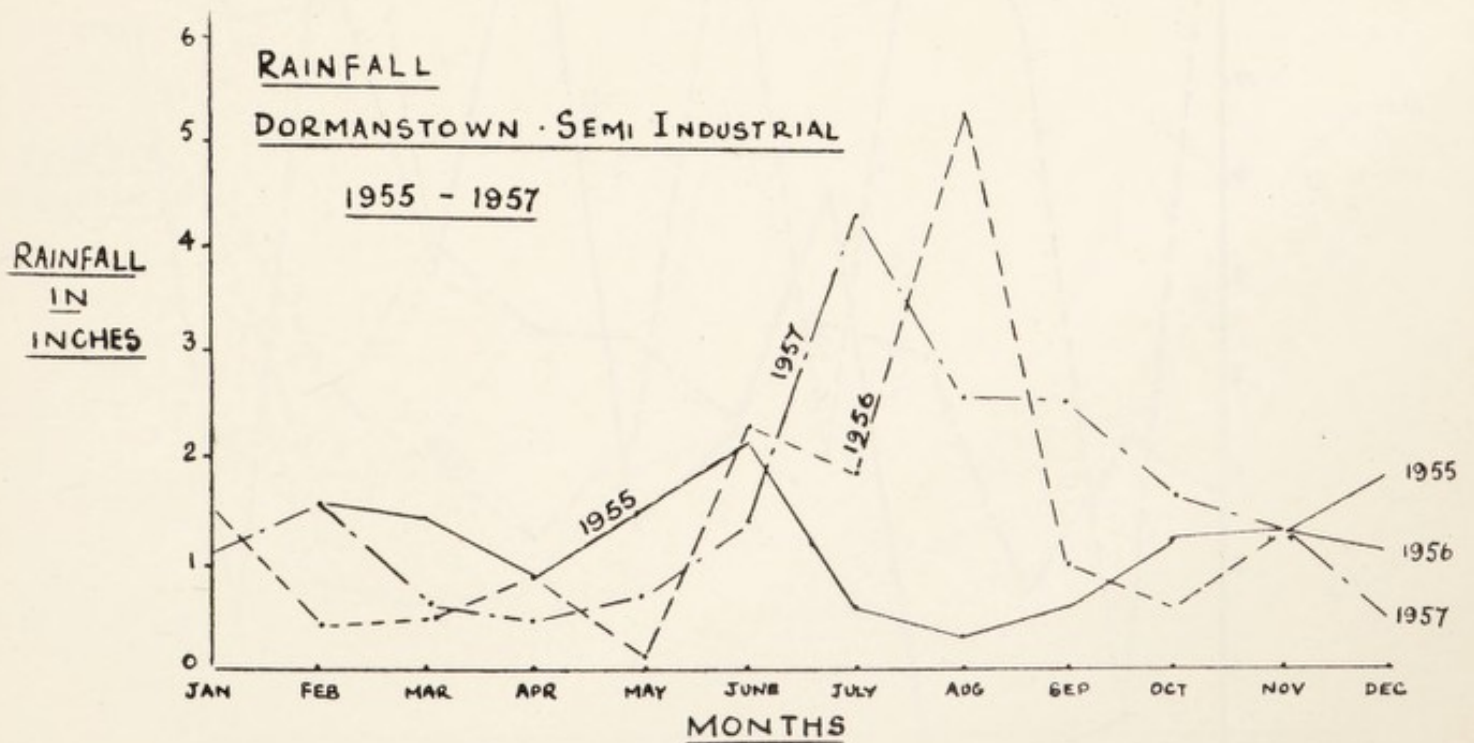


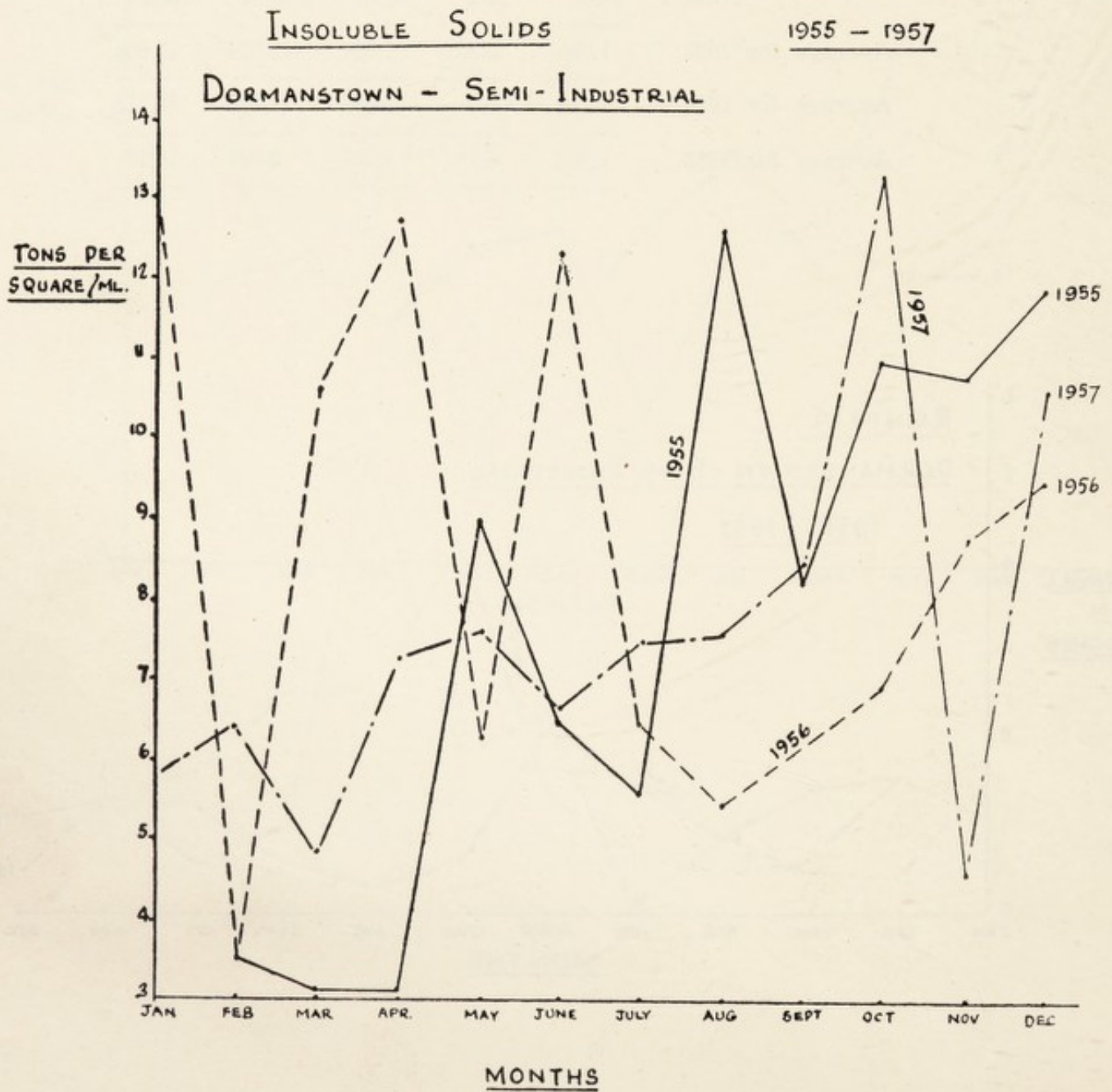
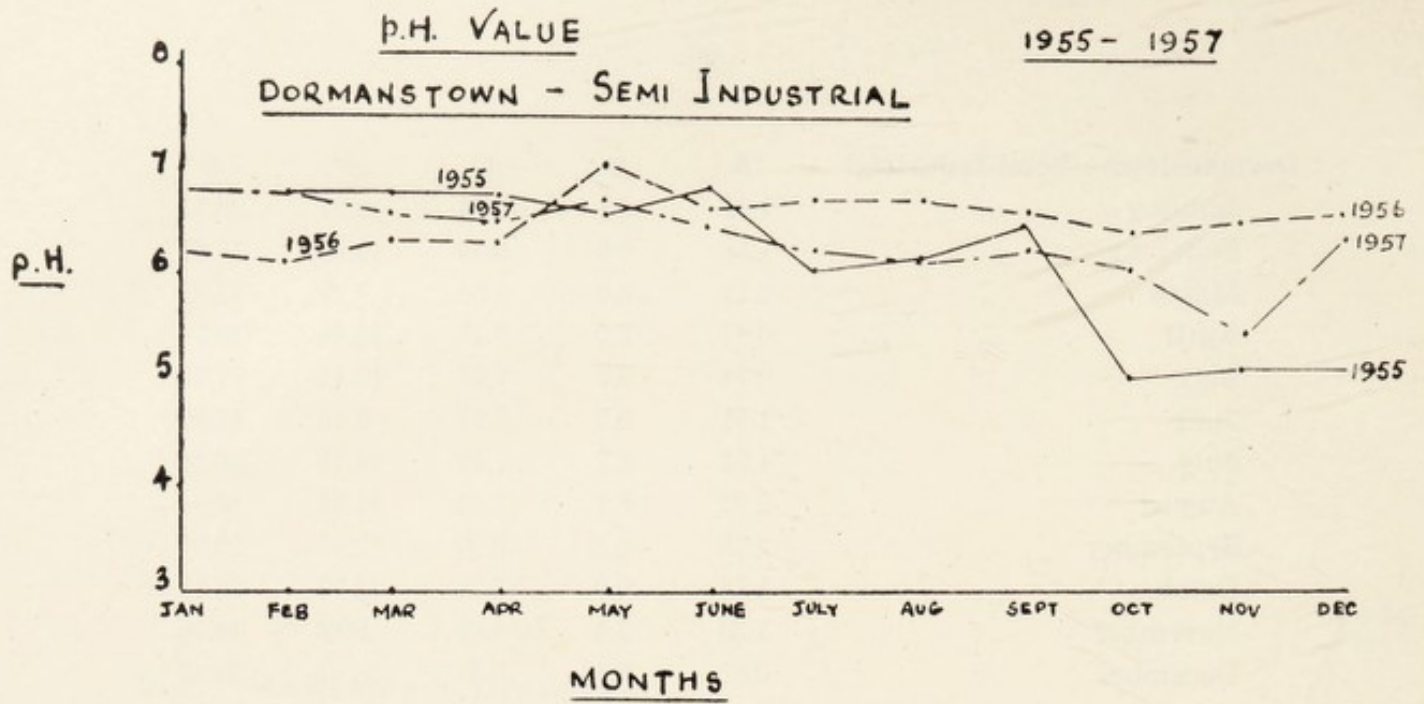


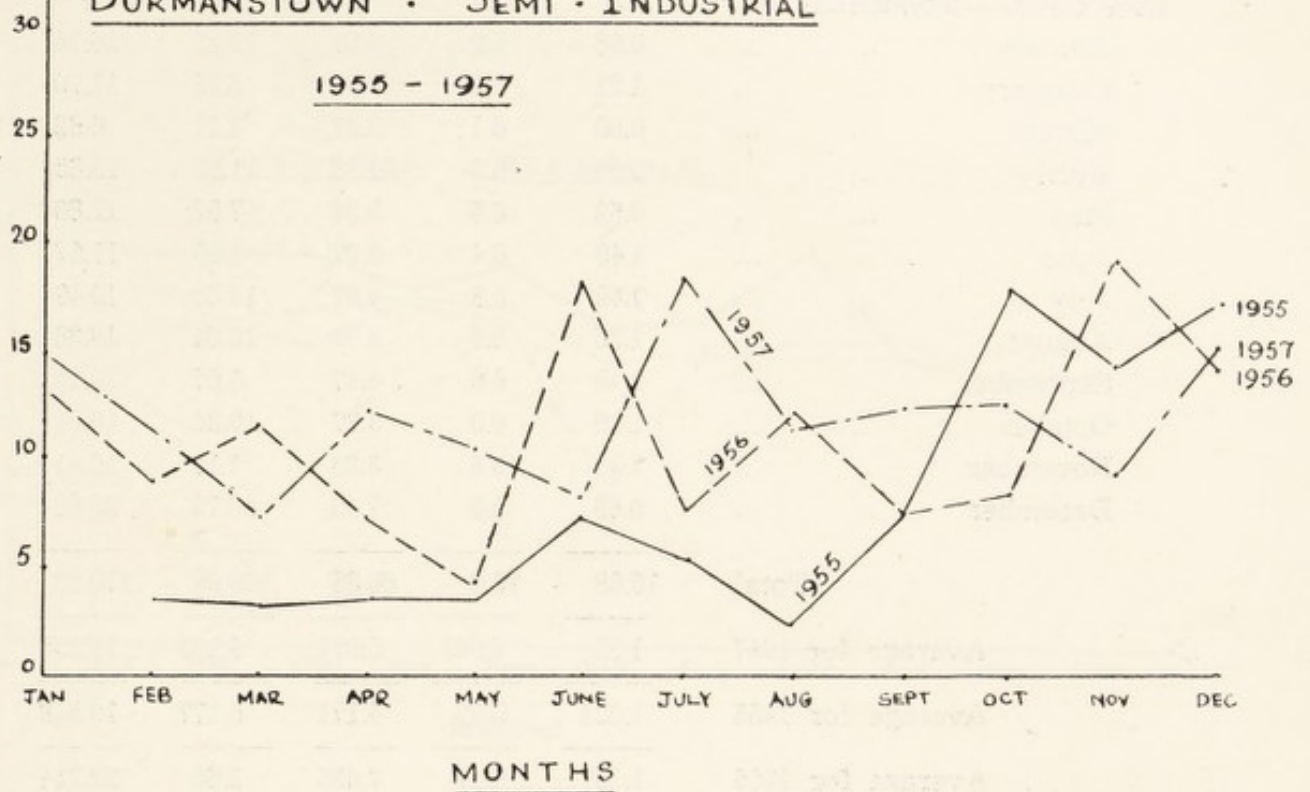
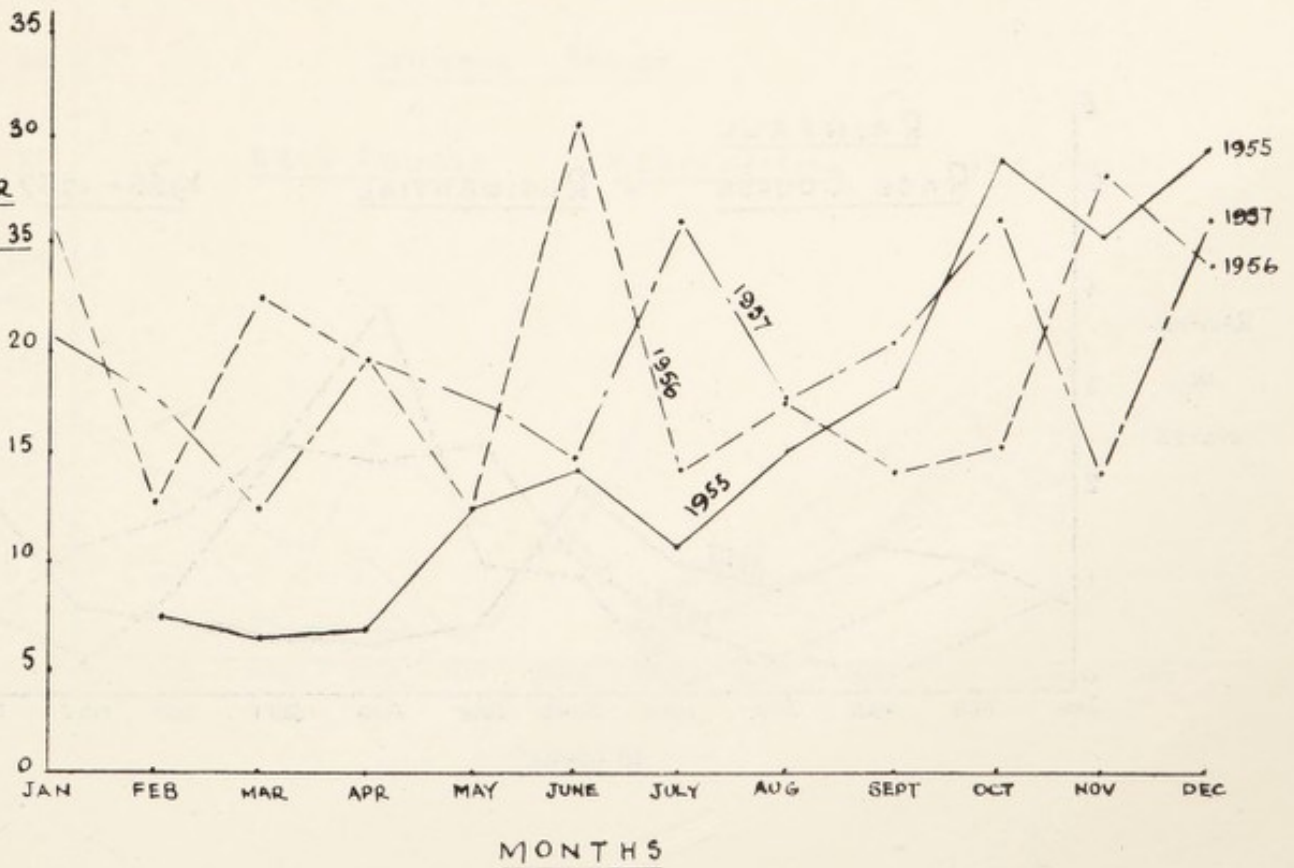


Dormanstown—Semi-Industrial

			A	B	C	D	E
January	...	...	1.11	6.8	5.94	14.77	20.71
February	...	...	1.56	6.8	6.44	11.43	17.87
March	...	...	0.77	6.6	4.84	7.17	12.01
April	...	...	0.47	6.5	7.27	12.44	19.71
May	...	...	0.74	6.7	7.64	10.11	17.75
June	...	...	1.41	6.5	6.77	8.20	14.97
July	...	...	4.52	6.2	7.47	18.71	26.18
August	...	...	2.82	6.1	7.63	11.31	18.94
September	...	...	2.75	6.2	8.20	12.47	20.67
October	...	...	1.76	6.0	13.34	12.77	26.11
November	...	...	1.33	5.4	4.80	9.30	14.10
December	...	...	0.62	6.4	10.67	15.61	26.28
Total			19.86	76.2	91.01	144.29	235.30
Average for 1957			1.655	6.35	7.584	12.024	19.608
Average for 1956			1.244	6.5	8.485	11.228	19.713
Average for 1955			1.252	6.15	7.767	8.004	15.77

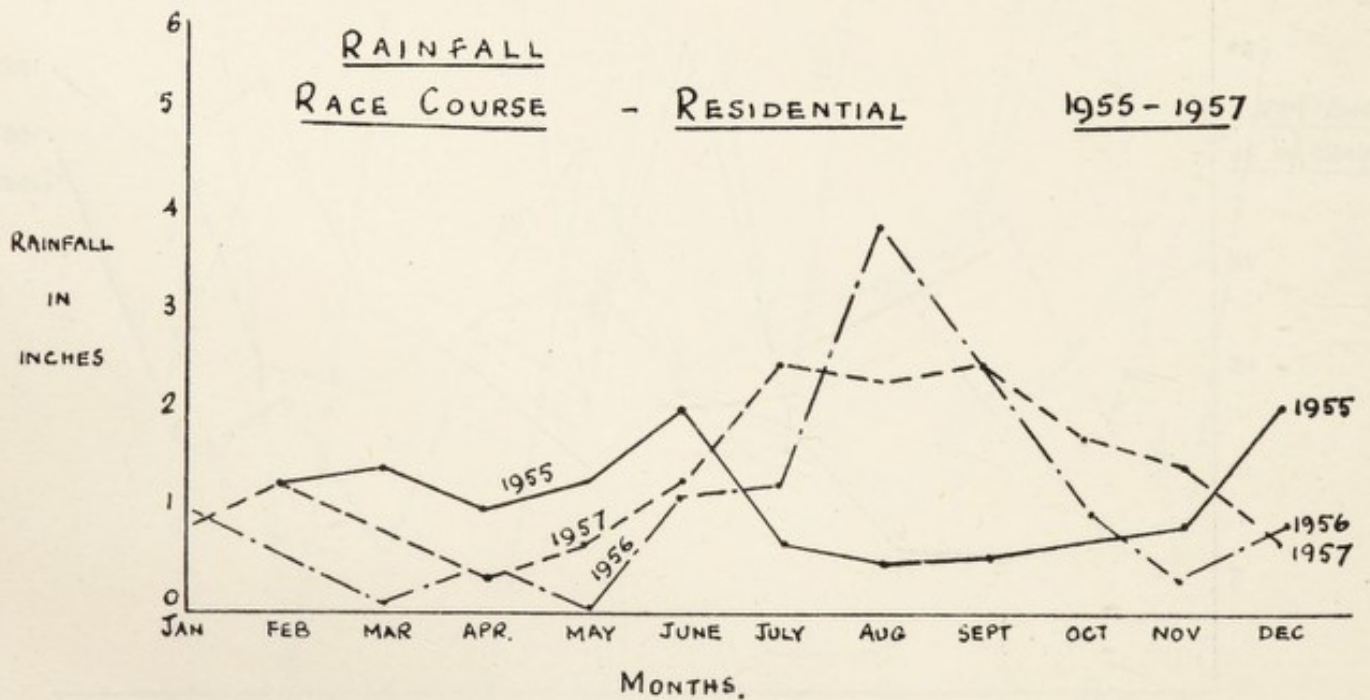


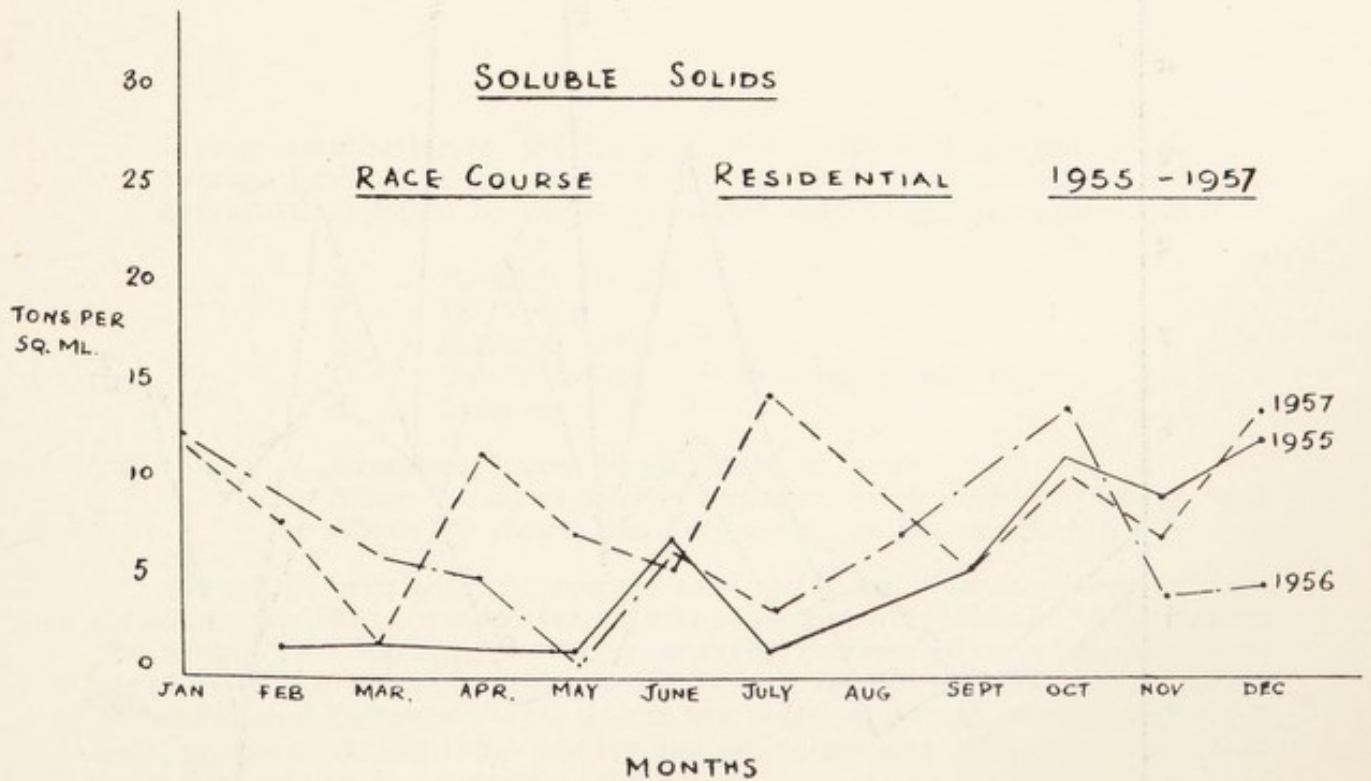
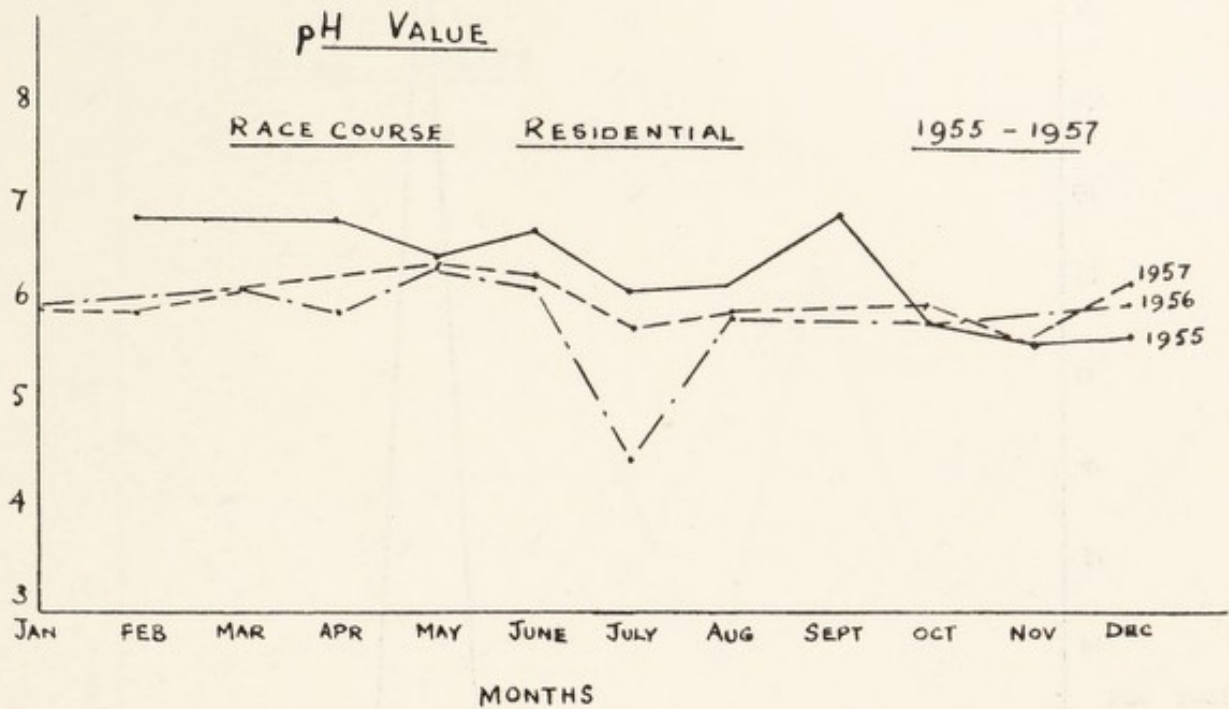


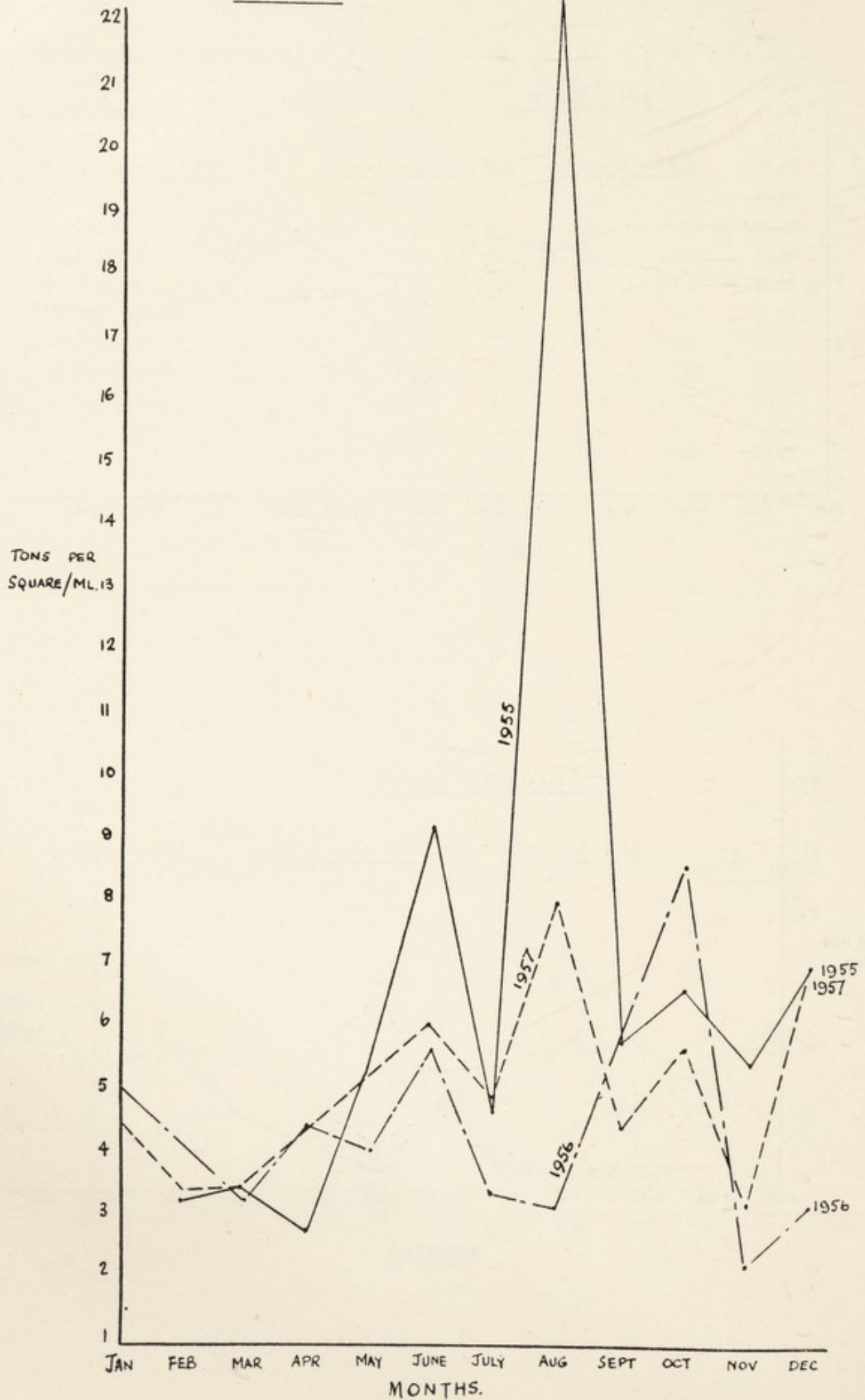
SOLUBLE SOLIDSDORMANSTOWN · SEMI · INDUSTRIAL1955 - 1957TONS PER
SQUARE/ML.TOTAL SOLIDSDORMANSTOWN · SEMI · INDUSTRIAL1955 · 1957TONS PER
SQUARE/ML

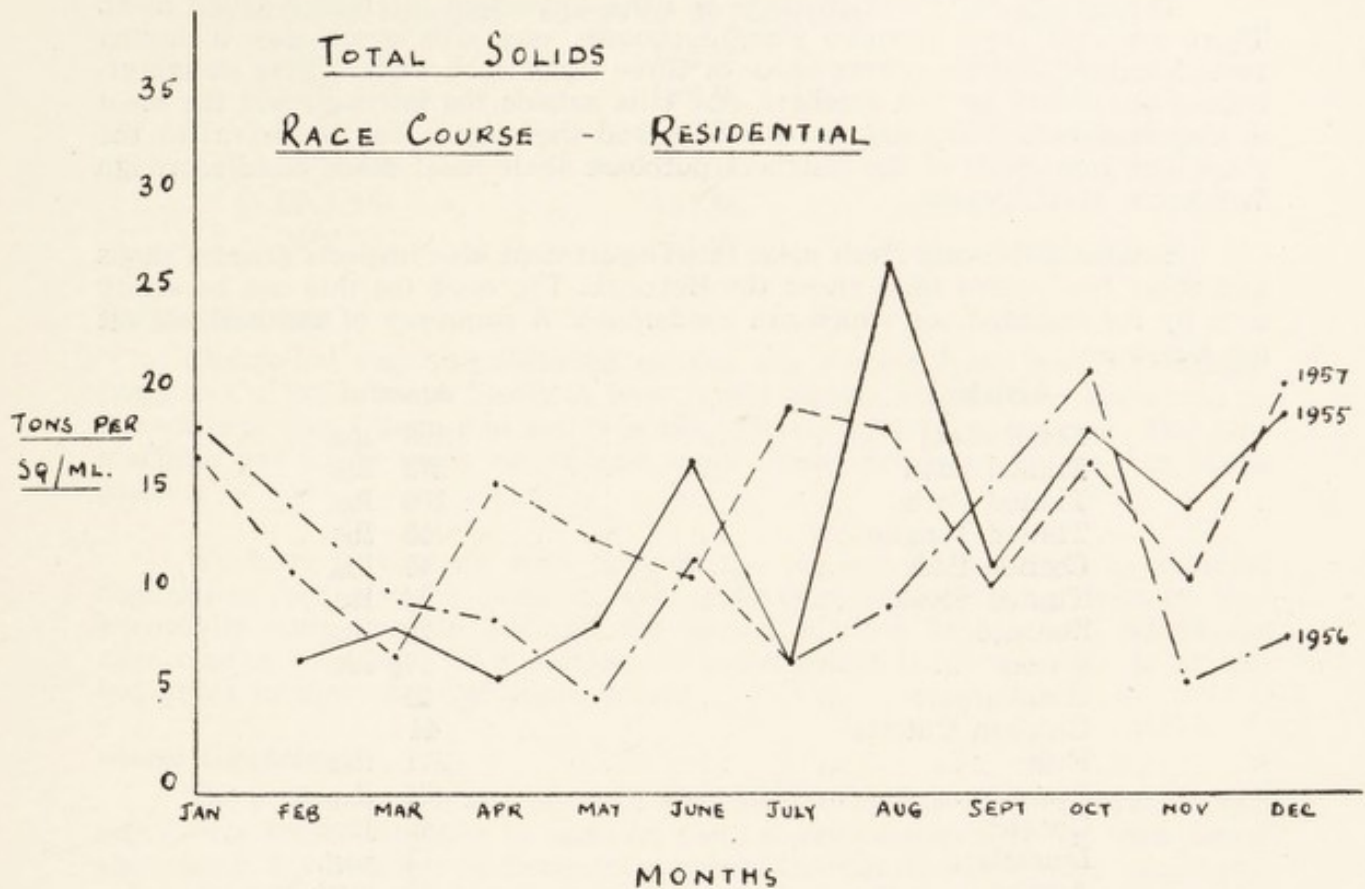
Race Course—Residential

			A	B	C	D	E
January	...	...	0.98	5.9	4.51	12.23	16.74
February	...	...	1.21	6.0	3.51	8.28	11.79
March	...	...	0.80	6.1	3.51	3.11	6.62
April	...	...	0.34	6.3	4.28	11.57	15.85
May	...	...	0.62	6.5	5.34	7.52	12.86
June	...	...	1.49	6.4	6.07	5.60	11.67
July	...	...	2.49	5.8	4.97	14.52	19.49
August	...	...	2.36	5.9	8.02	10.34	18.36
September	...	...	2.49	6.0	4.47	5.67	10.14
October	...	...	1.80	6.0	5.77	10.24	16.01
November	...	...	1.41	5.8	3.28	7.13	10.41
December	...	...	0.69	6.3	7.13	13.75	20.88
Total			16.68	73.0	60.86	109.96	170.82
Average for 1957			1.39	6.083	5.071	9.163	14.235
Average for 1956			1.024	5.92	4.171	5.177	10.548
Average for 1955			1.157	6.47	7.035	3.68	12.714





INSOLUBLE SOLIDSRACECOURSE RESIDENTIAL1955-1957



Average total solids for the town in 1957—19.747 tons per square mile.
 Average total solids for the town in 1956—17.72 tons per square mile.
 Average total solids for the town in 1955—16.761 tons per square mile.

- | | |
|---------------------------|-------------------------|
| A ... Rainfall in inches. | |
| B ... PH Value. | |
| C ... Insoluble solids | } Tons per Square Mile. |
| D ... Soluble solids | |
| E ... Total solids | |

PH Value ... Expresses degree of alkalinity of water.
 Below 7.0 shows acidity (represented by coal tar, phenols, etc.)
 Above 7.0 shows alkalinity (soda, potash, ammonia).

It can be seen that the average total solids for Warrenby and the Race Course during 1957, are increased slightly compared with 1956 and 1955, whereas the results for Dormanstown show a slight decrease. The increases, which occurred in the months of March to the end of August and then again in November and December, were due to the south and south west winds which were prevalent during those months and which brought atmospheric pollution from Tees-side to our district.

Meat and Food Inspection

Throughout the Borough there is 100% inspection of freshly killed meat. There are still three licensed slaughterhouses, one kills every day including some Sundays, and the others twice or three times each week. These slaughterhouses are shared by five butchers, one kills outside the Borough and the meat is inspected before arriving in this area and then again on its arrival at the shop. The remainder of the butchers purchase their meat from Middlesbrough Wholesale Meat Depots.

Besides inspecting fresh meat this Department also inspects grocers shops and other food stores throughout the Borough. The need for this can be easily seen by the commodities which are condemned. A summary of the items is set out below :—

Article				Amount	
Fresh Meat	...	...	...	1,198	lbs.
Tinned Ham	...	...	...	273	lbs.
Tinned Pork	...	...	...	100	lbs.
Tinned Tongue	...	...	...	88	lbs.
Corned Beef	...	...	...	45	lbs.
Tinned Steak	...	...	...	28	lbs.
Sausage	...	...	...	25	lbs.
Bacon	...	...	...	17½	lbs.
Hamburgers	...	...	...	25	
Chicken Cutlets	...	...	...	44	
Fish	...	...	...	371	lbs.
Prawns	...	...	...	24	lbs.
Cockles	...	...	...	45	jars.
Mussels	...	...	...	1	bag.
Apples	...	...	...	10	bushels.
Dates	...	...	...	180	packets.
Brussel Sprouts	...	...	...	40	bags.
Carrots	...	...	...	12	cwts.
Jellies	...	...	...	72	packets.
Biscuits	...	...	...	122	packets.
Miscellaneous Tinned Foods	...	...	...	192	tins.

1,406 visits were made during the year in connection with Meat and Food Inspections.

Number of animals killed—3,610.

* * *

PUBLIC CLEANSING AND SALVAGE

Refuse Collection

During the year every effort has been made to keep a weekly collection but owing to break downs, especially to the Karrier Loadmaster which has been a source of trouble for a long time, sickness during the winter months and a considerable number of days lost through absence without permission, it has been impossible to maintain a weekly collection throughout the Borough but in some cases a nine day collection took place. However, throughout the year, refuse collection has been as efficient as possible.

Herewith find a list of refuse collection vehicles giving details of age :—

Registration Number	Date of Registration	Age
CPY 512	15.8.45	12 years.
EPY 109	15.6.48	9 years.
FVN 719	9.2.50	7 years.
HPY 439	25.1.52	5 years.
LAJ 539	18.7.54	3 years.
OPY 711	1.1.57	1 year.

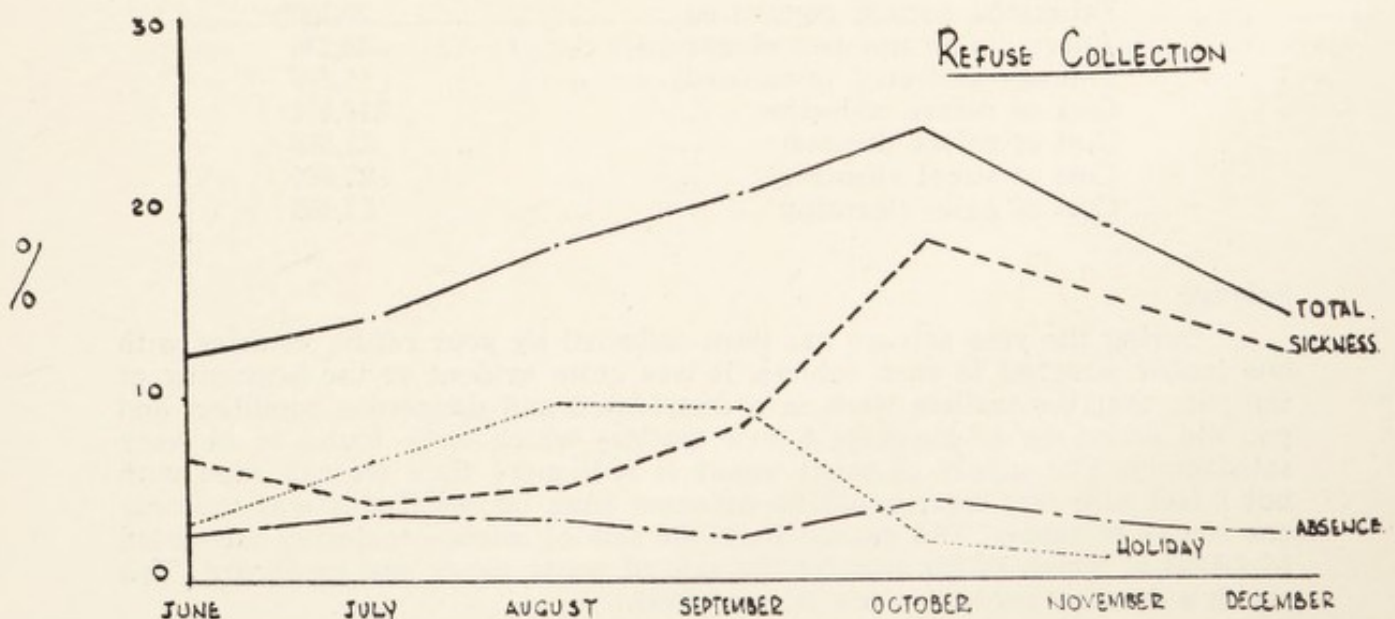
Refuse Disposal

Controlled tipping continued on the site rented from Messrs. Dorman, Long & Co. Ltd., Trunk Road. A new David Brown tractor was procured as the old one was 7 years old and was not efficient and beyond repair. The new machine has made work easier and more consolidation of refuse has taken place.

We have to contend with fires on the tip, not only caused by internal combustion but also by persons who endeavour to find scrap etcetera and eventually start fires. In addition the garage is often broken into where the new tractor is stored. Co-operation with the police in this matter is at last beginning to show signs of improvement.

Street Cleansing

The streets within the Borough are cleansed by one Karrier Sweeper and one Lewin Diesel Sweeper in addition to 12 street sweepers. It has been found that these 2 sweeping machines can sweep the town, when fully employed, every 10 days. This includes all back streets also. The cost of sweeping the roads owned by the County is borne by the North Riding County Council.



Gully Cleansing

During the year the number of street gullies cleansed by the Karrier Gully Cleanser was 15,900.

All street and road gullies are cleansed at intervals of approximately 3 months and this, in my opinion, is not sufficient for a town of this size. This same machine flushes the sewers in the course of its work.

Appended below is a summary of the costs of the cleansing service for the year ended 31st December, 1957 :—

Refuse Collection

Total number of loads	...	...	7,608
Total estimated tonnage collected	...	...	15,280
Weight of refuse per 1,000 pop. per day	...	...	29.8 cwts.
Net cost per ton collected	...	...	£1/1/6d.
Net cost per 1,000 pop.	...	...	£601/2/9d.
Net cost per 1,000 premises	...	...	£1,601/12/0d.

Refuse Disposal

Net cost per ton disposed	...	...	2/2.35d.
Net cost per 1,000 pop.	...	...	£59/14/2d.
Net cost per 1,000 premises	...	...	£164/16/1½d.

Street Sweeping

Total sq. yds. of surface cleansed during the year	...	...	21,300,000
Net cost per 1,000 sq. yds.	...	...	£3/5/11.21d.
Net cost per 1,000 pop.	...	...	£249/12/10.59d.

Gully Cleansing

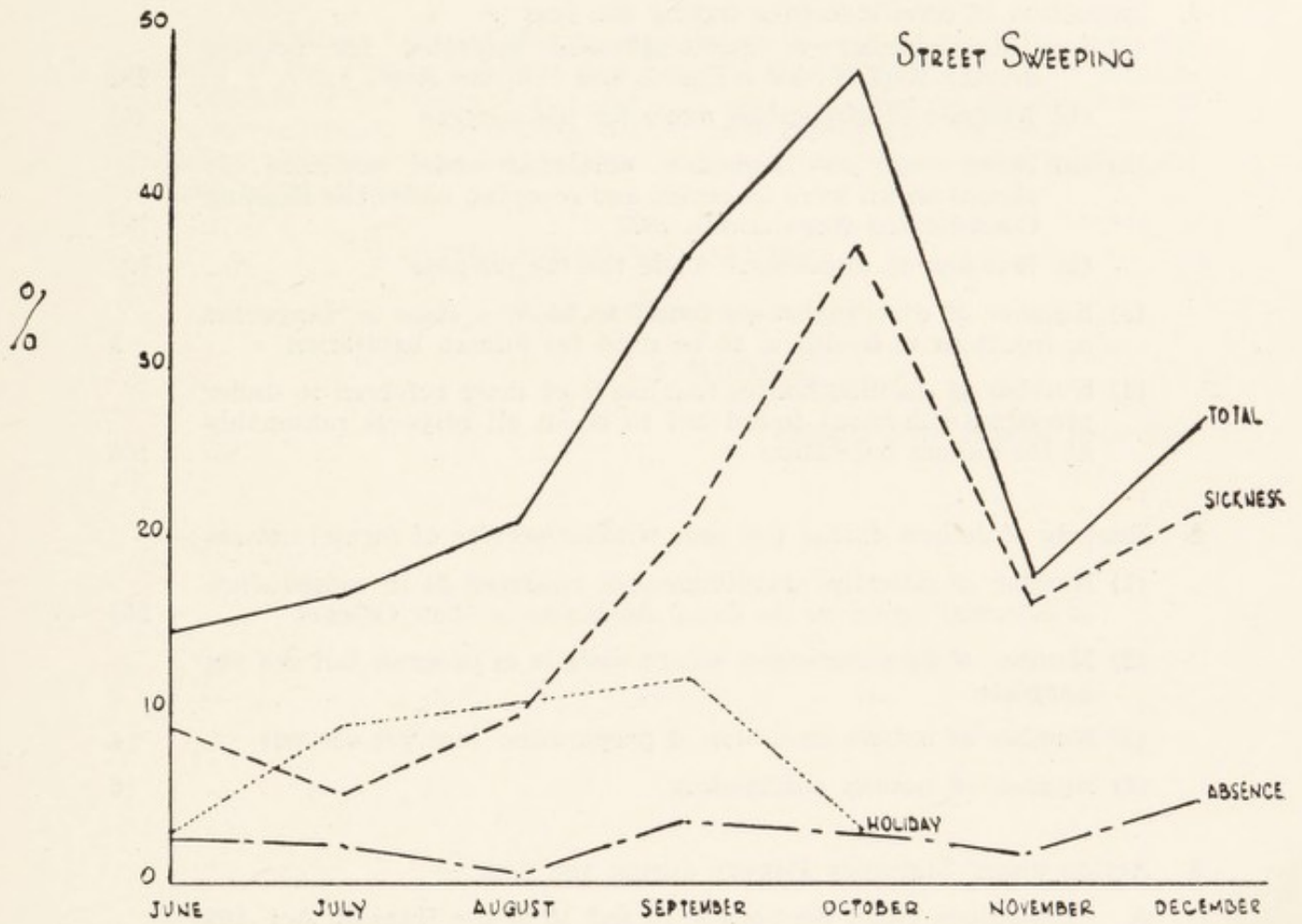
Total number of gullies cleansed	...	...	15,900
Net cost per 1,000 gullies	...	...	£95/7/2½d.
Net cost per 1,000 pop.	...	...	£51/4/2½d.

The Basis of this report is as follows :—

Estimated normal population	...	...	28,100
Approximate number of premises	...	...	10,236
Tonnage collected (estimated)	...	...	15,280
Cost of refuse collection	...	...	£16,401
Cost of refuse disposal	...	...	£1,678
Cost of street cleansing	...	...	£7,020
Cost of gully cleansing	...	...	£1,439

Salvage

During the year salvage has been collected by your refuse vehicles with one trailer attached to each vehicle. It was quite evident at the beginning of the year that the trailers were in a dilapidated and dangerous condition and you did allow me to purchase 5 new trailers which were found to be very satisfactory. The supply of waste paper is still more than we can cope with but I feel sure that more could be collected from houses if this was the only one source of supply. The income from the sale of salvage materials amounted to £6,333 of which £5,923 was for the sale of waste paper and cardboard. This shows a decrease on last year's sales of £197.



HOUSING STATISTICS

Number of new houses completed in 1957 :—

(a) Council	...	Nil
(b) Other	...	70

1. Inspection of dwellinghouses during the year :—
 - (1) (a) Total number of dwellinghouses inspected for housing defects (under Public Health and Housing Acts) ... 292
 - (b) Number of inspections made for the purpose ... 491
 - (2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... Nil
 - (b) Number of inspections made for the purpose ... Nil
 - (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 5
 - (4) Number of dwellinghouses (exclusive of those referred to under preceding sub-head) found not to be in all respects reasonably fit for human habitation ... 108
2. Remedy of defects during the year without service of formal notices :—
 - (1) Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers ... 264
 - (2) Number of dwellinghouses where work is in progress but not yet complete ... 8
 - (3) Number of notices in course of preparation (not yet served) ... 4
 - (4) Number of notices outstanding ... 16
3. Action under Statutory Powers during the year :—
 - A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—
 - (1) Number of dwellinghouses in respect of which notices were served requiring repairs ... Nil
 - (2) Number of dwellinghouses rendered fit after service of formal notices :—
 - (a) By owners ... Nil
 - (b) By Local Authority in default of owners ... Nil
 - B. Proceedings under Public Health Acts :—
 - (1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ... Nil
 - (2) Number of dwellinghouses in which defects were remedied after service of formal notice :—
 - (a) By owners ... Nil
 - (b) By Local Authority in default of owners ... Nil

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwellinghouses in respect of which Demolition Orders were made	3
(2) Number of dwellinghouses demolished in pursuance of Demolition Orders	3

In conclusion I would like to express my thanks to the Chairman and Members of the Public Health Committee, to the Medical Officer of Health, Chief Officials of the Council and the staff and workmen of the Department for their ever ready and willing co-operation throughout the year towards completing the daily task and without which a successful years work could not have been achieved.

I remain, Madam and Gentlemen,

Your obedient Servant,

N. HUDSON,

Chief Public Health Inspector.

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