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Medical Officer of Health.*



ANNUAL REPORT
ON THE
HEALTH OF GOOLE
FOR THE YEAR
1938.

GOOLE :
JNO. FAWBERT & Co. LTD., PRINTERS, CARLISLE STREET.
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BOROUGH COUNCIL OF GOOLE.

Mayor :

Alderman T. TEMPLE, J.P.

DEPUTY MAYOR : Alderman S. G. BEVAN, J.P.

ALDERMEN :

A. KIRBY, S. G. BEVAN, J.P., E. CREEK,
E. JOHNSON, J.P., T. E. KETTLEWELL and
T. TEMPLE, J.P.

COUNCILLORS :

A. BANNING, J. F. CHAMBERS, J. A. CURRAN,
T. FEARNHEAD, H. GRIERSON, W. H. HARPER,
V. B. HUDSON, R. A. HEPTONSTALL, G. T. MEDCALF, J.P.,
A. MOODY, W. R. MONCASTER, H. NEEDHAM,
H. RICHARDSON, G. SHIPLEY, N. G. SILVESTER,
G. E. LEA, O.B.E., A. C. WADSWORTH, and
C. P. WADSWORTH.

Health and Sanitation Committee :

CHAIRMAN : Alderman T. E. KETTLEWELL (resigned April).

Councillor A. MOODY (appointed April).

VICE-CHAIRMAN : Councillor G. E. LEA.

The MAYOR ; Aldermen S. G. BEVAN, A. KIRBY ;
Councillors T. FEARNHEAD, H. G. GRIERSON,
R. A. HEPTONSTALL, G. E. LEA, G. T. MEDCALF,
H. NEEDHAM, H. RICHARDSON, G. SHIPLEY.

Maternity and Child Welfare Committee :

CHAIRMAN : Mrs. E. J. MACDONALD BROWN, J.P.

VICE-CHAIRMAN : Councillor A. MOODY.

Councillors J. A. CURRAN, W. H. HARPER, G. E. LEA,
H. G. GRIERSON, C. P. WADSWORTH, H. NEEDHAM ;
Alderman A. KIRBY and the MAYOR ;

Co-opted Members : Mrs. MACDONALD BROWN,
Mrs. NEEDHAM, Mrs. KIRBY.

OFFICIALS.

TOWN CLERK and SOLICITOR J. W. PULLON
(deceased 16th September, 1938)

TOWN CLERK and SOLICITOR A. C. BRADBURY
(commenced duty 1st December, 1938)

ENGINEER and SURVEYOR J. H. CASTLE

GAS and WATERWORKS MANAGER A. F. YATES

TREASURER W. E. DULSON

MEDICAL OFFICER OF HEALTH: A. M. ERSKINE, M.D., D.P.H.,
Deputy Port Medical Officer of Health, Medical Superintendent of the
Isolation Hospitals, Maternity Home and Child Welfare Centres.

CONSULTING OBSTETRICIAN W. GOUGH, F.R.C.S.

SENIOR SANITARY INSPECTOR R. O. BLACK
Certificates of the Royal Sanitary Institute as Sanitary Inspector, Meat
and Smoke Inspector. The Sanitary Inspector is also the Shops,
Canal Boats, Petroleum and Housing Inspector.

SANITARY INSPECTOR B. SHAW
Certificate of the Royal Sanitary Institute.

SANITARY INSPECTOR C. H. NORTHING
Certificate of the Royal Sanitary Institute (resigned 18th June, 1938).

CLERK K. WILLIAMS

ISOLATION HOSPITAL MATRON D. M. REED

HEALTH VISITOR E. A. BARLOW, S.R.N.

MATERNITY HOME MATRON M. E. HOOD, S.C.M.

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MR. J. W. PULLON.

It is with profound regret that I record the death of Mr. J. W. Pullon, Goole's first Town Clerk and add my tribute to his memory. His passing was a great blow to all his colleagues as he was a man with whom it was a delight to work; being totally devoid of guile or even an evil thought he never bore malice and his good nature was unflinching. Possessed himself of stern principles he attributed these qualities to those with whom he came in contact and always tried to draw out their good side. He was the ideal holiday companion, a man of many parts, cultured and erudite it gave him great joy to foster the pursuit of knowledge in others. His solace on all occasions was music and gardening. Had he not adopted the law as his profession he would have excelled as a musician being acknowledged an expert performer on the piano particularly of Bach and Beethoven. He had a vivid sense of the humours of life. His illness was a very painful one borne with great fortitude and without a grumble. Much sympathy is felt for his widow in her irreparable loss.

The Health of Goole during 1938.

Section A—

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres) 1,267.

Registrar-General's estimate of resident population, mid-1938:
19,560.

Number of inhabited houses (end of 1938) according to
Rate Books : 5,392.

Rateable Value	...	£95,852
Penny Rate	...	£366

Social Conditions.

Goole is the most inland east coast port, situated on a navigable river fifty miles distant from the sea. The chief occupation of the inhabitants is directly or indirectly connected with shipping. In addition to the port and docks there is a shipbuilding and repair yard. The principal industries are chemical works, tillage works, flour mills, timber yard, transport company, gown factory, &c., and Goole is the centre of an important agricultural district.

UNEMPLOYMENT.

Through the courtesy of the Manager of the Goole Employment Department of the Ministry of Labour the following figures have been obtained :—

Live Register.

	Men	Women	Boys	Girls
First quarter ...	1,096	262	56	106
Second Quarter ...	850	125	48	75
Third Quarter ...	768	32	30	56
Fourth Quarter ...	1,011	63	68	71

The employment position in the Exchange area shows a decline when compared with that of a year ago.

There has been a considerable falling off in the amount of work available in the Shipbuilding and Repairing industry, particularly when compared with a year ago.

There was also less work available on the docks for casual dock workers.

Extracts from Vital Statistics.

Live Births

	Total	M.	F.
(1) Legitimate ...	313	162	151
(2) Illegitimate ...	12	6	6

Birth Rate per 1,000 of the estimated resident population—16.6

	Total	M.	F.
Still-births	14	9	5

Rate per 1,000 total (live and still) births—41.2

	Total	M.	F.
Deaths	195	100	95
Death Rate per 1,000 of the estimated resident population—10.65			

Deaths from puerperal causes :—

No. 29 Puerperal sepsis ...	0
No. 30 Other puerperal causes ...	0
Total ...	0

Death rate of Infants under one year of age :—

All infants per 1,000 live births ...	40
Legitimate infants per 1,000 Legitimate live births	41.5
Illegitimate infants per 1,000 illegitimate live births	0
Deaths from Cancer (all ages) ...	19
Deaths from Measles (all ages) ...	0
Deaths from Whooping Cough (all ages) ...	1
Deaths from Diarrhoea (under 2 years) ...	3

Population.

1931 (Census) ...	20,239.
1932 ...	20,520.
1933 ...	20,270.
1934 ...	20,180.
1935 ...	20,060
1936 ...	19,930
1937 ...	19,670
1938 ...	19,560

During the past few years there has been a considerable increase in the building of houses just outside the Corporations boundaries.

Births.

During the year 325 births were registered, viz. 168 males and 157 females, compared with 312 in 1937.

The Birth Rate per 1,000 of the estimated resident population was 16.6, compared with 15.8 in 1937.

There were 12 illegitimate births compared with 19 in 1937. 14 still-births were notified compared with 8 in 1937.

The Birth Rate for England and Wales was 15.1.

For the period	1901 to 1910	the average birth-rate was	35.1
"	1911 to 1915	" "	28.7
"	1916 to 1920	" "	24.9
"	1921 to 1925	" "	25.2
"	1926 to 1930	" "	21.3
"	1931 to 1935	" "	18.1
"	1936	" "	16.1
"	1937	" "	15.8
"	1938	" "	16.6

Marriages.

177 Marriages were celebrated during the year, giving a marriage rate of 18 compared with 16 in 1937 and 19.2 in 1936.

The average marriage rate 1926—1930 was 17.3.

" " 1931—1935 was 19.

The marriage rate for England and Wales was 17.5.

Deaths.

The total number of Deaths as corrected by the Registrar-General was 195 (viz. 100 males and 95 females) compared with 250 in 1937 and 255 in 1936.

This gives a crude death-rate of 9.96 which multiplied by 1.07, the area comparability factor (A.C.F.), gives a corrected death rate of 10.65 per 1,000 of the resident population and is a very gratifying feature of this report being the lowest recorded for the town. It is of interest to state that since my first report in 1902 the death-rate has been reduced by fifty per cent.

The Death Rate for England and Wales was 11.6.

Death Rate in Five Year Periods.

1901—1905 (uncorrected)	...	18.6
1906—1910	„	15.5
1911—1915	„	14.7
1916—1920	„	16.9
1921—1925	„	13.4
1926—1930	„	11.9
1931—1935 (corrected)	...	13.1
1936	„	13.5
1937	„	13.5
1938	„	10.6

Causes of Death.

			Males.	Females.
All Causes	...	...	100	95
Other liver diseases	...	...	2	1
Other digestive diseases	...	...	3	3
Nephritis	...	...	1	1
Congenital D. & P. Birth	...	...	5	3
Senility	...	...	2	3
Suicide	...	...	1	2
Other violence	...	...	6	2
Other defined disease	...	...	8	9
Diarrhoea (under 2 years)	...	...	3	0
Diabetes	...	...	1	2
Cerebral haemorrhage	...	...	4	6
Heart disease	...	...	33	34
Other circulatory disease	...	...	5	2
Bronchitis	...	...	0	1
Pneumonia	...	...	6	6
Peptic ulcer	...	...	2	0
Cirrhosis of liver	...	...	1	0
Whooping cough	...	...	1	0
Influenza	...	...	1	2
Enceph : Lethargica	...	...	0	1
Respiratory tuberculosis	...	...	5	4
Other tuberculosis	...	...	1	3
Cancer	...	...	9	10

Infantile Mortality.

The total number of deaths under one year of age was 13 equal to a death rate of 40 per 1,000 live births. In 1937 there were 22 with a death-rate of 70.5.

The infantile mortality rate for England and Wales was 53.

This low death-rate amongst infants is the second noteworthy feature of my report and constitutes another record.

In 1902 the death-rate amongst infants under one year of age was 188 ! It does not require a vivid imagination to realize the great saving of infant lives indicated by these figures.

Principal causes of death classified into age groups :—

AGE GROUPS.

	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	1 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months	TOTALS
Prematurity ...	4	1							5
Debility ...	1	1							2
Pneumonia ...							1		1
Enteritis ..						3			3
Pertussis ...					1				1
Septicaemia ...		1							1
	5	3	—	—	1	3	1	—	13

Infantile Death Rate in Five Year Periods.

1916—1920	...	89.3
1921—1925	...	92.3
1926—1930	...	69
1931—1935	...	68
1936	...	56
1937	...	70.5
1938	...	40

Maternal Mortality.

For the fourth year in succession there were no deaths from puerperal causes.

This is the third gratifying feature of this Report.

The Maternal mortality for England and Wales was 2.97.

Death Rate of women in child-birth per 1,000 live and still births.

Year	sepsis	other causes	Total
1924	0	1	1
1925	0	0	0
1926	2.1	2.1	4.2
1927	0	0	0
1928	4.2	0	4.2
1929	0	0	0
1930	2.2	6.7	8.9
1931	0	4.7	4.7
1932	0	0	0
1933	2.7	2.7	5.4
1934	5.2	0	5.2
1935	0	0	0
1936	0	0	0
1937	0	0	0
1938	0	0	0

GENERAL PROVISION OF HEALTH SERVICES

- (1) Full particulars of the Public Health Officers of the Authority are given at the beginning of the Report.
- (2) Ample laboratory facilities are available at the County Laboratory.
- (3) A Motor Ambulance is available at the Bartholomew Hospital and at the Isolation Hospital.
- (4) A District Nurse is available for nursing in the Home.
- (5) Hospital—No change.

MATERNITY AND CHILD WELFARE.

An important developement under this heading was the opening in November of a new Health Centre. The site is adjacent to the Bartholomew Hospital and Maternity Home. It is a one storied building with a large central hall and separate rooms arranged along its sides having covered provision for perambulators at the end.

The opening ceremony was performed by the Mayoress (Mrs. T. Temple) and presided over by the Chairman of the committee, Mrs. Macdonald Brown, J.P., who traced the history of the movement in Goole from the first centre in Victoria Street, in 1915, just after the passing of the Maternity and Child Welfare Act.

Now that the Centre has been removed from the Maternity Home plans have been under consideration for extension and modernising of the Home which is much needed.

A second Health Visitor has been appointed and will commence her duties in the new year.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

During the year the water supply has been satisfactory (a) in quality and (b) in quantity.

Chemical and bacteriological examinations are systematically made

RICHARDSON & JAFFE,
HUSTLERGATE LABORATORIES,
BRADFORD.

October 15th, 1938.

ANALYTICAL REPORT UPON 1 SAMPLE OF WATER FROM the
Borough of Goole.

Received, October 12th, 1938.

Description :—From Tap in Yard in Belle Vue Terrace, Goole.

Appearance :—Grains per gallon—

Total Solid Matters	...	...	16.00
Chlorine (combined)	...	...	1.40
Nitrites	...	...	None
Nitrogen as Nitrates	...	...	.550
Free Ammonia	...	...	.0028
Albuminoid Ammonia	...	...	.0007
Lead, Copper, Zinc	...	...	None
Total Hardness (Clark's Scale)	...	...	6.00
		p.H.	7.60

From the chemical standpoint this water is organically pure, and the accompanying bacteriological analysis bears out this judgement. The supply has received some infiltration of drainage in times past as appears in the figure for nitrates, which represents the pollution in an oxidised and harmless form.

The water is also soft, and is therefore a safe and good supply for all drinking and domestic purposes.

(Signed) RICHARDSON & JAFFE.

RICHARDSON & JAFFE,
HUSTLERGATE LABORATORIES,
BRADFORD.

October 15th, 1938.

REPORT UPON BACTERIOLOGICAL ANALYSIS OF A SAMPLE
OF WATER from the Borough of Goole.

Received, October 12th, 1938.

Sample from Tap in Yard in Belle Vue Terrace, Goole.

Number of Organisms per cc. after 3 days at 20-22°C	Nil.
Number of Organisms per cc. after 2 days at 37°C	Nil.
Bacillus Coli Aerogenes No. per 100 cc.	Nil.

This water is of a high standard of bacterial purity.

(Signed) RICHARDSON & JAFFE.

The Borough Council are themselves the water undertakers and close co-operation has always existed between its officers with the Public Health Committee and the Medical Officer of Health. In connection with Circular 1684, on the instructions of the Water Committee of the Borough Council, Professor Gilligan of Leeds University was called in consultation and presented a report, as a result of which a joint meeting of the Officials of the Borough and Rural Councils was held as the site of the Pumping Station is situated in the Rural District. He recommended, inter alia, that the Pollington works should be protected as far as possible within a radius of a quarter of a mile from the site of the new borehole; that he did not feel at all satisfied with the present methods of dealing with the sewage and domestic refuse in this area having regard to the proximity of the village to the Pollington works, adding, that he would strongly urge that a more adequate system of sewage disposal be employed to remove any threat from that area to the Pollington water supply.

This report was forwarded to the Rural District Council and I am informed that they have put into operation a scheme for the removal of all house refuse from the village to a tip two miles distant. The Rural District Council has also given instructions for a survey to be made of all existing ashpits with a view to their conversion. Some houses in the village already have W.C's. installed which at present discharge ultimately into an open dyke. It is intended to construct a septic tank at this point.

DRAINAGE AND SEWERAGE.

I am indebted to the Borough Surveyor for the following particulars

PRIVATE STREETS.

The amount of work carried out in the making up of private streets is as follows :—

Year 1938.

	No.	lengths		£	s.	d.
Front Streets ...	7	.429 miles	cost	£2,774	6	3
Back Streets ...	—	— "	"			
	7	.429 miles	cost	£2,774	6	3

Years 1920—1937.

Front Streets ...	53	4.075 miles	cost	£26,049	17	4
Back Streets ...	52	4.884 miles	cost	£15,721	13	5
Total	105	8.959 miles	cost	£41,771	10	9

Totals of the above 1920—1938.

Front Streets ...	60	4.504 miles	cost	£28,824	3	7
Back Streets ...	52	4.884 miles	cost	15,721	13	5
	112	9.388 miles	cost	£44,545	17	0

CLOSET ACCOMMODATION.

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
No. of Privies with covered Middens ...	5	5	5	1	1	1	1	1	1	1
Pail Closets ...	2811	2397	2256	1841	1620	1209	852	449	349	265
Water Closets	2426	2943	3032	3528	3832	4383	4795	5325	5773	6100
Privies re-constructed as W.C.'s ...	0	0	0	4	0	0	0	0	0	0
Additional W.C.'s for old property...	2	4	8	8	37	10	16	21	24	13
W.C.'s constructed for new houses ...	76	99	81	69	54	130	43	116	129	266
W.C.'s constructed for premises other than houses...	—	—	—	—	—	—	—	—	40	2
Conversion of Closets other than Privies into Water Closets ...	—	—	—	—	—	—	—	—	255	46

SANITARY INSPECTION OF THE AREA.

Report of the Senior Sanitary Inspector.

I beg to present a report upon the work carried out by the Sanitary Inspectors during the year ended on the 31st December, 1938. It will be seen from the statement of visits made by the inspectors that a considerable amount of time has been devoted to administering the Acts and Orders relating to employment in shops and also to the interviewing of applicants for Corporation Houses, the selection of tenants having been entrusted to the Borough Engineer and myself.

Samples of milk for both chemical analysis and bacteriological examination have been regularly taken and, when it has been considered necessary, the retailers and producers have either been written to or seen personally. Arising out of allegations of misuse by the tenants a survey was made of all Corporation Allotments and a detailed report was made to the competent committee. Ninety houses were dealt with by formal procedure under the Housing Act. Premises in which food is prepared, stored or sold, have been given as much attention as other duties would allow. Fifty-three cases of overcrowding, involving three hundred and sixty seven persons, have been abated during the year, twenty-two of which have been rehoused by the Council.

I wish to tender my thanks to the other officials of the Council for whose help I have been indebted on many occasions.

WORK OF THE SANITARY INSPECTORS UNDER ARTICLE 27 (18) OF THE SANITARY OFFICERS (OUTSIDE LONDON) ORDER, 1935.

VISITS OF INSPECTION MADE.

Houses—	Enumerated and measured.	Housing Act	
	1936. Form "B" ...	...	229
do	Investigating suspected overcrowding	...	44
do	Revisiting overcrowded houses	...	25
do	Housing (Consolidated Regs) 1933	...	277
do	do do do Revisits	...	713
do	Housing Defects	...	224
do	Public Health Act	...	361
do	Vermin infestation	...	44
do	Disinfested	...	104
do	Infectious Diseases	...	61
do	Disinfected	...	47
do	School disinfected	...	1
do	Corporation houses for cleanliness	...	33
do	Re-inspection where notices in force	...	1415
do	Works in progress	...	968

Abattoir	...	...	...	...	...	252
Horse Slaughterhouse	...	...	...	...	...	4
Butchers' premises	...	...	...	...	...	2
Bakehouses	...	...	...	...	...	42
Provision Shops	...	...	...	...	...	11
Fried Fish Shops	...	...	...	...	...	36
Markets	...	...	...	...	...	48
Ice Cream Premises	...	...	...	...	...	8
Shops	...	...	...	...	...	697
Dairies	...	...	...	...	...	15
Cowsheds	...	...	...	...	...	7
Milkshops	...	...	...	...	...	16
Milk Samples (Designated Milks) for bacteriological examination	...	...	...	...	...	12
Milk Samples (Undesignated Milks) for bacteriological examination	...	...	...	...	...	106
Milk Samples (Chemical Analysis)	...	...	...	...	...	33
Bath Water for Bacteriological Examination	...	...	...	...	...	22
Canal Boats	...	...	...	...	...	22
Common Lodging Houses	...	...	...	...	...	5
Factories	...	...	...	...	...	49
Workshops	...	...	...	...	...	11
Workplaces	...	...	...	...	...	1
Petroleum Stores	...	...	...	...	...	31
Rats and Mice Infestation	...	...	...	...	...	234
Interviews with owners, builders, tenants	...	...	...	...	...	753
Smoke Observations	...	...	...	...	...	17
Stables	...	...	...	...	...	18
Allotments	...	...	...	...	...	683
Cinemas	...	...	...	...	...	3
Rag Stores	...	...	...	...	...	2
Miscellaneous Visits	...	...	...	...	...	1163
Complaints investigated	...	...	...	...	...	375
						9224

The following statement shows the number of notices served and the number of notices complied with during the year, also the number of notices not complied with at the 31st December, 1938. The number of notices outstanding at 31st December, 1937 was 277.

	Served	Complied with
Informal Notices (various)	691	748
Statutory Notices (Public Health Acts)	16	14
Statutory Notices (Housing Acts)	8	2
Notices not complied with at 31.12.38	228	

In addition to the above, 631 notices were served upon owners, occupiers, lessees and mortgagees, under the provisions of the Housing Act requiring that these persons shall have notice of any formal procedure taken by the Council.

SHOPS.

During the year 697 visits have been made to shops for the purpose of enforcing the provision of the Shops Acts regarding closing hours, assistants' half holidays, the health and comfort of assistants, Sunday trading, the display of forms and the keeping of records. The following matters have been remedied at the request of your Inspector. In 66 cases it was found necessary to serve a written notice. No legal procedure was taken.

Failure to exhibit statutory forms ...	212
Insufficient sanitary accommodation ...	7
Sanitary accommodation cleansed or repaired	5
Insufficient washing facilities ...	6
No refuse accommodation ...	3
Insufficient means of warming shops ...	4
Choked drains ...	1

SWIMMING BATHS.

The only swimming bath in the Borough is owned by the Corporation. The water is treated by a Horsley Piggott filtration plant, chlorination and aeration. Samples from both the inlet and outlet to the bath are submitted twice each month to the West Riding County Council Laboratory for examination. The following table shows the reports on these samples for the year 1938.

SUMMARY OF THE REPORTS ON THE BACTERIOLOGICAL EXAMINATION OF WATER
FROM THE GOOLE CORPORATION SWIMMING BATHS, SEASON 1938.

	1. 22nd April	2 6th May	3 18th May	4 1st June	5 15th June	6 29th June	7 27th July	8 10th Aug.	9 24th Aug.	10 14th Sept.	11 28th Sept.
Bacterial Content.											
Average number of organisms developing on agar plates incubated for 2 days at 37°C. per ml. of water											
Inlet -	1	11	3	10	143	152	3000	5	26	1	14
Outlet -	3	5	13	485	2000	1760	3000	5	34	5	15
Average number of organisms developing on agar plates incubated for 3 days at 22°C. per ml. of water											
Inlet -	18	1	5	3	136	18	30000	2	15	1	1
Outlet -	9	1	2	2	1200	39	30000	30	15	1	22
Presumptive B. coli.											
Inlet -	...	...	...	...	...	...	...	...	...	...	...
Outlet -	...	...	...	...	...	...	...	...	...	...	...
Chemical Examination.											
pH value											
Inlet -	6.5	5.8	6.2	7.3	6.7	6.7	6.2	7.6	7.5	5.8	6.0
Outlet -	6.5	5.8	6.2	7.1	6.7	6.8	6.5	7.6	7.5	5.8	6.0
Free chlorine present in 1,000,000 parts of water											
Inlet -	0.5	...	0.5	0.6	0.2	0.5	...	0.4	0.2	0.2	0.4
Outlet -	0.5	...	0.5	...	0.5	0.5	...	0.4	0.2	0.1	0.4

Ministry of Health Standards :—pH value 7.6 to 8.0 ; free chlorine present in 1,000,000 parts of water 0.2 to 0.5 parts,

CAMPING SITES.

There are no camping sites within the Borough.

SMOKE ABATEMENT.

Seventeen smoke observations were taken during the year. No serious smoke nuisance exists in the Borough.

ERADICATION OF BED BUGS.

Full particulars of action taken to eradicate bugs were given in the Annual Report for 1936.

No. of Council houses found to be bug infested	1
No. of Council houses disinfested	... 1
No. of other houses found to be bug infested	... 104
No. of other houses disinfested	... 104

COMMON LODGING HOUSES.

Five visits have been made to the four common lodging houses in the Borough. They are well managed and kept in a clean condition.

OFFENSIVE TRADES.

No offensive trades are carried on in the Borough.

RAG FLOCK ACTS.

No rag flock is manufactured in the district and no samples have been taken.

RATS AND MICE (DESTRUCTION) ACT, 1919.

During the year 51 complaints regarding infestation by rats or mice have been laid at the Department.

Complaints of infestation are investigated, advice on proper methods of eradication given and poison supplied free in suitable cases. In case of structural defects notices requiring remedial works are served on the person concerned.

In accordance with the request of the Ministry of Agriculture and Fisheries, extra efforts to obtain united and collective action against rats were made during the period November 7th to 12th. The following propaganda was arranged :—

An advertisement was inserted in the "Goole Times" offering free advice. A paper of their series, the "Goole Journal" inserted a comprehensive article sent from the Department.

50 posters, Ministry of Agriculture and Fisheries design, were displayed on hoardings from 31st October until 12th November.

50 small replicas of the poster were posted in allotments and similar places, a few being displayed by shopkeepers.

Local chemists and hardware dealers were circulated and asked to make special displays of poisons, traps, etc.

132 letters setting out the occupier's responsibility under the Rats and Mice (Destruction) Act and suggesting measures to be taken against rats, were sent to occupiers peculiarly liable to infestation.

The Surveyor, who controls tips, etc., was invited to co-operate.

During the period 29th October to 21st November, only 15 complaints were received by the Health Department. 11 of these complaints were of casual external infestation and red squill poison was issued. 2 complaints were of casual internal infestation and no further trouble is being experienced. 1 complaint was from a clearance area where the rats are escaping from disused drains—this will be cleared up when the houses are demolished and the drains cut off from the sewer. 1 complaint proved to be mice infestation only.

Rat burrowing was discovered in pavement surfaces in three instances during the period. Examinations have been made in all cases resulting in two drainage defects being remedied and one case being left over for further observation.

The cost of the propaganda was approximately £3/0/0.

Canal Boats Acts, 1877-1884.

Annual Report on the inspection of Canal Boats for the year ending 31st December, 1938.

Name and Address of Inspector :—

R. O. BLACK, Municipal Offices, Goole.

Remuneration as Canal Boats Inspector	... ..	Nil
Number of Boats on Register 31st December, 1938	... ..	932
Number of Boats believed to be in use or available	... ..	432
Number of Boats which cannot be traced	... ..	500
Number of Boats inspected during the year	... ..	22
Number of Boats conforming to Acts and Regulations	... ..	11
Number of Boats infringing Acts and Regulations	... ..	11
Number of Boats registered during the year	... ..	Nil
Number of persons occupying cabins : Details of occupations :—Male 32, Females 4, Children 6.		

The following contraventions were found :—

Certificates not produced by master	...	5
Certificates did not identify vessel and owner	...	1
Cabin needed painting	...	6
Unsuitable water tank	...	1
Leaking deck over cabin	...	2
Registration number not painted on vessel	...	3
Cabin steps decayed	...	1
Defective cabin stove	...	1
Disrepair in cabin	...	2
No cabin stove	...	1
Insufficient ventilation to cabin	...	3

PETROLEUM (CONSOLIDATION) ACT, 1928.

PETROLEUM (CARBIDE OF CALCIUM) ORDER, 1929.

The Sanitary Inspector is also the appointed Inspector under the above Acts. During the year 26 licences were granted to store petroleum spirit and 2 licences to store Carbide of Calcium.

The maximum amount of petroleum spirit allowed to be stored in accordance with the licences is 45,000 gallons and the amount of carbide is 9 cwts.

The income derived from the granting of licences during the year amounted to £18/0/0.

31 visits of inspection have been made to 28 stores and the following breaches of the conditions of licences were found :—

Stores not locked against unauthorised interference	...	3
Notices prohibiting matches, smoking, naked lights not exhibited	... ..	2
Smoking on prohibited premises	... ..	1
No sand provided	... ..	5

Letters were sent to the occupiers and the defects complained of have been remedied.

SCHOOLS.

During the year there has been a small amount of infectious diseases amongst school children. Periodical visits have been made to the different schools and no particular action has been taken in regard to their sanitary condition or water supply.

FACTORIES.

1.—Inspections for purposes of provisions as to health. Including Inspections made by Sanitary Inspectors.

Premises	Inspec- tions	Written Notices	Occupiers Prosecuted
Factories with mechanical power ...	49	0	0
Factories without mechanical power	11	0	0
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises).	1	0	0
Total ...	61	0	0

2.—Defects Found in Factories.

Particulars.	Number of Defects.			Number of offences in respect of which Pro- secutions were insti- tuted.
	Found	Remedied	Referred to H.M. Inspector	
Want of cleanliness ...	0	0	0	0
Overcrowding ...	0	0	0	0
Unreasonable temperature ...	0	0	0	0
Inadequate ventilation ...	0	0	0	0
Ineffective drainage of floors	0	0	0	0
Sanitary Conveniences:—				
Insufficient ...	0	0	0	0
Unsuitable or defective ...	0	0	0	0
Not separate for sexes ...	0	0	0	0
Other offences ...	0	0	0	0
	—	—	—	—
	.Nil			

Section D.—HOUSING.

1.—Inspection of Dwelling houses during the year :—	
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	585
(b) Number of inspections made for the purpose	990
(2) (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925/1932 ...	111
(b) Number of inspections made for the purpose	277
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	111
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	474
2.—Remedy of Defects during the year without service of formal notices :—	
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	274
3.—Action under Statutory Powers during the year :—	
(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	8
(2) Number of dwelling houses which were rendered fit after service of formal notices :—	
(a) By Owners	1
(b) By Local Authority in default of Owners	1

(b) Proceedings under Public Health Acts :—			
(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	... ..	16
(2)	Number of dwelling houses in which defects were remedied after service of formal notices		
	(a) By Owners	... ..	7
	(b) By local authority in default of Owners	... ..	7
(c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—			
(1)	Number of dwelling houses in respect of which Demolition Orders were made	... ..	65
(2)	Number of dwelling houses demolished in pursuance of Demolition Orders	... ..	5
(d) Proceedings under Section 12 of the Housing Act, 1936 :—			
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	... ..	1
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	... ..	Nil
4.—Housing Act, 1936.—Part IV.—Overcrowding :—			
(a)	(1) Number of dwellings overcrowded at the end of the year	... ..	31
	(2) Number of families dwelling therein	... ..	31
	(3) Number of persons dwelling therein	... ..	180
(b)	Number of new cases of overcrowding reported during the year	... ..	Nil
(c)	(1) Number of cases of overcrowding relieved during the year	... ..	53
	(2) Number of persons concerned in such cases	... ..	367
(d)	Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	... ..	Nil
(e)	Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	... ..	Nil

The following is a list of the ninety houses which have been dealt with during 1938 by formal procedure under Sections 11 and 12 of the Housing Act 1936, and shows the action taken by the Council in each case.

- (1) Demolition Orders were made on the following 65 houses :—

Cross Albert Street—1.

Albert Street—12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38.

Cross Stanley Street—1, 3, 5, 7, 9, 11, 13, 15, 17.

Stanley Street—10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34.

Swinefleet Road—23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51.

Clements Cottages—8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

- (2) Undertakings that the premises would not be used for human habitation were accepted in regard to the following 6 houses :—

Cross Albert Street—2.

Back Albert Street—1 and 2.

Mill Yard—2, 3 and 4.

- (3) A Closing Order was made on the tenement dwelling 6, Paradise Place.

- (4) Undertakings were accepted to render the following 11 houses in all respects fit for human habitation :—

70, Jefferson Street.

89, Moorland Road.

1, Spring Gardens, Hook Road.

79, 81, 83, 85, Swinefleet Road.

17, Quay Street.

54, 56, 58, South Street.

- (5) The undertakings given under (4) involved the closing as separate dwellings of the following 7 houses :—

70a, Jefferson Street.

89, Back Moorland Road.

1a, Spring Gardens, Hook Road.

1, The Grove, Swinefleet Road.

19, Quay Street.

52 and Back 54, South Street.

Numbers 8 and 9 (Government Street) Clearance Orders, which were made by the Council on the 10th October, 1937, were confirmed by the Minister of Health on the 27th May, 1938, after an enquiry which was held on the 1st March, 1938. During the year 3 clearance areas, involving 28 houses and 78 persons were officially represented by the Medical Officer of Health. The Minister of Health has intimated that he intends to confirm the Grove Cottages and Swinefleet Road Orders, but that with regard to the South Street Order, he intends to exclude the seven houses 52, 54, Back 54, 56, 58, South Street, 17 and 19, Quay Street, on the condition that the owners will execute the scheme of improvement which they put forward at the Inquiry.

Name of Area.	Properties included in the Area	No. of Houses	Persons to be displaced	Date of Order	Date of Inquiry	Date of Confirmation
No. 12 Grove Cottages .	Nos. 21, 22, 23, 24, 25, 26, 27, 28, Groves Cottages	8	19	13-4-38	26-7-38	2-12-38
No. 13 Swinefleet Road	Nos. 22, 24, 26, 28, 30, 32, 34, 36, Swinefleet Road	8	31	13-4-38	26-7-38	2-12-38
No. 15 South Street	Nos. 52, 54, 56, 58, Back 54, South Street, 17, 19, Quay Street, 1, 3, 5, 7, 9, Back South Street	12	28	13-4-38	26-7-38	2-12-38

Section E.—

INSPECTION AND SUPERVISION OF FOOD.

(a) MILK SUPPLY.

The standards by which milk is judged were set out in detail in the annual report of 1937.

During the year 118 samples of milk were purchased from retailers in the Borough and submitted to the County Bacteriologist for examination. Of these samples 106 were undesignated milk, 4 were "Accredited" milk and 8 were 'Pasteurised' milk. The following table shows the results of the tests.

Designation.	Total number of samples	Number of samples satisfactory.	Number of samples unsatisfactory.
Accredited Milk	4	3	1
Pasteurised Milk	8	5	3
Undesignated Milk	106	53	53

Four samples were found to contain tubercle organisms. The dairy herds concerned were examined and as a result 3 cows were found to be affected with tuberculosis and were slaughtered. Investigations regarding the fourth sample are not yet completed. In the annual reports for 1936 and 1937 attention was drawn to the fact that we appear to be making no further improvement in the securing of a clean milk supply. The above results do not give one any reason to change that opinion. It would appear that certain retailers and producers are either incapable of supplying milk of a satisfactory standard of cleanliness or are indifferent to their responsibilities in this direction, which leads one to the opinion that until public opinion is enlightened and demands a better article, little further improvement can be expected. It is a matter for regret that in a town of 20,000 inhabitants situated in the centre of a large agricultural district, no milk of the highest designation—"Tuberculin Tested"—is sold at all, and only a small quantity of the milk sold is "Accredited."

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

One local Society holds a licence to pasteurise and retail milk as "Pasteurised." One supplementary licence to retail "Accredited" milk in the Borough has been issued to a producer whose premises are in the East Riding and whose licence to produce "Accredited" milk is issued by the East Riding County Council. No "Tuberculin Tested" milk is sold in the Borough.

MILK AND DAIRIES (AMENDMENT) ACT, 1922.

There are at present on the Register the following :—

Cowkeepers	...	...	4
Cowkeepers and Purveyors	...	...	1
Purveyors resident in Goole	...	...	13
Non-resident Purveyors	...	...	14
Wholesale Traders	...	...	3

Dairy herds are inspected by the Veterinary staff of the Ministry of Agriculture and Fisheries and no action has been found necessary during the year. Thirty-eight visits were made by your inspectors to dairies, cowsheds and milkshops and no action has been found necessary.

CHEMICAL ANALYSIS OF MILK.

The Food and Drugs (Adulteration) Act 1928 is administered by the West Riding County Council and your inspector is empowered to take samples of milk. During the year 33 samples were purchased and submitted to the Public Analyst, 29 samples were reported as genuine, two samples were broken in transit, one sample was reported to be 20 per cent. deficient in milk fat and one sample was stated to contain 2 per cent. of added water. The vendors of these two samples were cautioned by the Clerk of the County Council.

(b) MEAT AND OTHER FOODS.

The following food was found to be unfit for human consumption and was voluntarily surrendered by the owners for destruction :—

TUBERCULOSIS.	Beasts	Pigs	Sheep	Calves
Full carcase and offal	... 2	1	0	1
Forequarters	... 2	0	0	0
Heads	... 35	47	0	0
Tongues	... 35	47	0	0
Necks	... 1	1	0	0
Lungs (pairs)	... 23	5	0	0
Hearts	... 3	1	0	0
Livers	... 21	1	0	0
Kidneys	... 4	0	0	0
Mesenteries	... 7	1	0	0
Intestines	... 5	0	0	0
Stomachs	... 5	0	0	0
Spleens	... 2	0	0	0
Diaphragms	... 3	0	0	0
Loin fats	130 lbs.	0	0	0
Strippings	... 3	1	0	0

ABCESSES.	Beasts	Pigs	Sheep	Calves
Livers	... 24	1	0	0
Heads	... 2	0	0	0
Tongues	... 2	0	0	0
Hearts	... 1	1	0	0
Lungs	... 0	4	0	0
Stomach	... 0	1	0	0
DISTOMATOSIS.				
Livers	... 3	0	0	0
CIRRHOSIS.				
Livers	... 2	1	0	0
ACTINOMYCOSIS.				
Heads	... 2	0	0	0
Tongues	... 2	0	0	0
DROPSY.				
Carcase and offal	... 0	3	0	3
PNEUMONIA.				
Carcase and offal	... 0	0	2	0
CASEOUS LYMPHADENITIS.				
Carcase and offal	... 0	0	2	0
MORIBUND.				
Carcase and offal	... 0	0	9	0
DECOMPOSITION.				
Ham	... 13 lbs.			
Pressed Beef	... 18 lbs.			

The greater part of the fresh meat consumed in the Borough is slaughtered and dressed in the Public Abattoir. The Abattoir is visited twice daily by the Sanitary Inspector and at other times as required. The method of inspection and standard of judgement is that recommended in the Ministry of Health's Memorandum 62/Foods. The Butchers' Association runs an insurance scheme for compensating owners of condemned meat. The relations between those using the abattoir and the officials are amicable.

Except for a horse slaughterhouse where horse flesh is dressed for export there are no private slaughterhouses in the Borough. The chief cause of condemnation was tuberculosis.

The following animals were slaughtered and dressed in the abattoir during the year ending 31st December, 1938 :—

Beasts, 1,620; Calves, 38; Sheep, 3,311; Pigs, 2,665.

The following premises where food is prepared and stored for sale have been kept under supervision.

(1) Bakehouses—Forty-two visits have been made to the eight factory bakehouses and the 11 retail bakehouses known to be in existence in the Borough. The premises are generally well adapted for the purpose for which they are used and the standard of cleanliness maintained is satisfactory.

(2) Provision Shops—Eleven visits have been paid to provision shops, no cause for complaint was found.

(3) Fried Fish Shops—Thirty-six visits have been made to the thirty fried fish shops in the Borough. Many of the premises are not well adapted for the purpose but in almost every case a high standard of cleanliness is maintained. At the request of your inspector the following works have been carried out :—

Preparation rooms provided	...	2
Drains reconstructed	... ..	1
New terrazo floor in shop	... ..	1
Shop re-decorated	... ..	1
Yard re-laid	... ..	1
New wooden floor in shop	... ..	1
New sink	... ..	1
New floor in preparation room	... ..	1

(4) Market—Forty-eight visits have been made to the market and no fault has been found with any article of food exhibited for sale there. One butcher and one bacon merchant occupy stalls which are kept in conformity with the Public Health (Meat) Regulations 1924.

(5) Ice Cream Premises—Eight visits were paid to premises where ice cream is made. In one case a warning regarding lack of cleanliness was given by the Town Clerk on the instructions of the Council.

(c) ADULTERATION, ETC.

The West Riding County Council administers the various enactments relating to the "nature, substance and quality" of food and drugs but the Sanitary Inspector is empowered to take samples for analysis, the County Council bearing the cost of analysis.

During the year 33 samples of milk have been taken (see section (a) above).

(d) CHEMICAL AND BACTERIOLOGICAL EXAMINATION
OF FOOD.

Chemical analysis are made by the Public Analyst F. W. Richardson, Hustlegate, Bradford. Bacteriological examinations are made in the West Riding County Council Laboratory, County Hall, Wakefield (see section (a) above).

(f) SHELL-FISH (Molluscan).

There are no shell-fish beds or layings in the district but every week during the season large quantities of mussels and cockles imported from Holland are discharged at the Goole Docks where they are inspected by the Medical Officer of Health who is Deputy Medical Officer of Health to the Hull and Goole Port Sanitary Authority.

Section F—

**PREVALENCE OF, AND CONTROL OVER, INFECTIOUS
AND OTHER DISEASES.**

Notifiable Diseases (other than Tuberculosis) during
the Year 1938.

Disease	Total Cases Notified.	Cases admitted to Hospital.	Total Deaths
Smallpox	0	0	0
Scarlet Fever	36	33	0
Diphtheria	20	20	0
Paratyphoid	1	1	0
Puerperal Pyrexia	3	1	0
Pneumonia	21	4	12
Erysipelas	5	0	0

The total number of deaths from the seven principal epidemic or Zymotic diseases, viz., Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Enteric and Diarrhœa was 0.2 per 1,000 of the population compared with 0.25 in 1937.

Age Incidence of Diseases Notified.

Disease.	Udr.											Total		
	1 yr.	1	2	3	4	5+	10+	15+	20+	35+	45+		65+	
Scarlet Fever	0	1	0	5	5	15	9	0	1	0	0	0	0	36
Diphtheria ..	0	0	2	3	4	9	2	0	0	0	0	0	0	20
Pneumonia ...	1	1	0	0	2	7	2	0	5	1	2	0	0	21
Puerperal Pyrexia ...	0	0	0	0	0	0	0	0	3	0	0	0	0	3
Paratyphoid ..	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Erysipelas ...	0	0	0	0	0	0	0	0	0	1	3	2	0	6

GENERAL.

Throughout the year there was a lessened incidence of infectious diseases.

Few cases of influenza, measles or whooping cough were brought to our notice. The usual school intimations of children absent from school on account of disease were small.

One case of Paratyphoid was notified and although extensive enquiries were made, as milk was suspected, we were unable to come to any definite conclusion as to the source of infection.

36 cases of Scarlet Fever were notified, of a mild variety with no deaths.

“Up to 1925 Diphtheria had been endemic with a few isolated cases up to 1930. During the years 1931, 1932, 1933 the town was practically exempt.”

In 1934, 32 cases were notified with 3 deaths.
 1935, 203 cases were notified with 5 deaths.
 1936, 104 cases were notified with 6 deaths.
 1937, 36 cases were notified with 3 deaths.
 1938, 20 cases were notified with 0 deaths.

The report for 1938 is satisfactory so far as it goes and it is hoped that the amount of immunisation already performed has produced some effect towards prevention of the disease. But the numbers immunised are too small: although every facility is afforded difficulty is experienced in persuading parents to have their children protected except during epidemic prevalence. It is considered by those best able to judge that at least 50—60 per cent. of the child population should be immunised before incidence is affected.

“Notification, removal and disinfection” do not prevent the disease and even the experience of Goole proves that years of prevalence alternate with years of lessened incidence so that the only means of prevention is by active immunisation of the child population, especially the pre-school child. Every child on its first birthday should be inoculated.

T.A.F. is the name of the prophylactic used; and 5 pre-school children and 50 school children were immunised during the year at the special clinic. The number immunised by private doctors is not available.

21 cases of pneumonia were notified, four were removed to hospital and there were 12 deaths compared with 17 in 1937.

PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes. There was no case of ophthalmia neonatorum notified, which gives cause for satisfaction.

TUBERCULOSIS.

New cases and mortality during 1938.

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	0	0	0	0	0	0	0	0
1	0	1	0	1	0	0	0	1
5	2	0	1	1	0	0	1	1
10	0	0	1	1	0	0	0	1
15	0	2	0	0	0	2	0	0
25	1	0	0	0	0	1	0	0
35	1	1	0	0	2	1	0	0
45	0	0	0	0	3	0	0	0
55	0	1	0	0	0	0	0	0
65	1	0	0	0	0	0	0	0
Totals	5	5	2	4	5	4	1	3

During the year 10 new cases of respiratory tuberculosis and 6 new cases of other forms of the disease were notified, making a total of 16 cases of all forms compared with 12 and 4 in 1937.

There were 9 deaths from the respiratory and 4 from the non respiratory forms of the disease, giving a total death rate of 0.6 per 1,000 persons living and 0.4 from the respiratory variety.

These figures compare with 0.6 and 0.5 for 1937 which had been the lowest recorded.

The figures for England and Wales are 0.6 and 0.5.

The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is negligible and notification is effective owing to the efficient working of the County Scheme.

No action has been necessary in cases of wilful neglect or refusal to notify.

Thanks are due to the members of the After Care Committee who sent 21 children to convalescent homes during the year and distributed to 21 adult patients gifts of 3,970 eggs and 3,970 pints of milk as well as clothing, etc.

Year	Notifications of Pulmonary Tuberculosis	Notifications of other forms of Tuberculosis	Total Tuberculosis Death Rate	Pulmonary Tuberculosis Death-rate	Non-Tuberculosis Respiratory Death-rate
1915	37	25	0.7	0.3	1.8
1916	25	10	2.0	1.4	1.8
1917	17	13	2.1	1.3	2.3
1918	26	13	1.8	1.4	4.5
1919	32	11	0.9	0.5	2.1
1920	40	5	1.4	1.3	1.6
1921	32	5	1.3	1.1	1.3
1922	62	14	1.6	1.1	2.3
1923	67	19	1.1	0.9	1.8
1924	76	27	1.7	1.1	3.4
1925	47	11	1.5	1.1	2.1
1926	57	22	1.2	0.7	1.3
1927	53	17	0.9	0.6	1.4
1928	55	17	0.8	0.6	0.8
1929	39	8	0.7	0.7	1.3
1930	33	11	1.3	1.0	1.0
1931	60	19	1.5	1.2	1.3
1932	22	7	1.3	1.0	1.1
1933	30	7	0.8	0.6	1.7
1934	17	9	1.0	0.7	0.6
1935	30	8	0.9	0.7	1.9
1936	16	4	1.1	0.9	0.6
1937	12	4	0.6	0.5	1.2
1938	10	6	0.6	0.4	0.6

**Goole Isolation Hospital (Borough and Rural Joint)
Report for 1938.**

	<i>Patients</i>	<i>Diphth- eria</i>	<i>Scarlet Fever</i>	<i>Tonsilli- tis</i>	<i>Lary- ngitis</i>	<i>Puerperal Pyrexia</i>	<i>Pneu- monia</i>	<i>Para- typhoid</i>	<i>Enteritis</i>	<i>Urticaria</i>	<i>Ulcera- tive Sto- matitis</i>	<i>Borough</i>	<i>Rural</i>
Remaining in Hos- pital, 31.12.37	6	4	0	1	0	1	0	0	0	0	0	6	0
Admitted 1938	71	22	39	0	1	1	4	1	1	1	1	61	10
Discharged 1938	62	20	32	1	1	2	3	1	0	1	1	54	8
Deaths, 1938	2	0	0	0	0	0	1	0	1	0	0	2	0
Remaining in Hos- pital, 31.12.38	13	6	7	0	0	0	0	0	0	0	0	11	2

Borough Patients.

	<i>Patients</i>	<i>Diphth- eria</i>	<i>Scarlet Fever</i>	<i>Tonsilli- tis.</i>	<i>Puerperal Pyrexia</i>	<i>Pneu- monia</i>	<i>Para- typhoid</i>	<i>Enteritis</i>	<i>Ulcera- tive Stomati- tis</i>
Remaining in Hos- pital, 31.12.37	6	4	0	1	1	0	0	0	0
Admitted 1938	61	20	33	0	1	4	1	1	1
Discharged 1938	54	19	27	1	2	3	1	0	1
Deaths, 1938	2	0	0	0	0	1	0	1	0
Remaining in Hos- pital, 31.12.38	11	5	6	0	0	0	0	0	0

Rural Patients.

	<i>Patients</i>	<i>Diphth- eria</i>	<i>Scarlet Fever</i>	<i>Lary- ngitis</i>	<i>Urticaria</i>
Remaining in Hos- pital, 31.12.37	0	0	0	0	0
Admitted 1938	10	2	6	1	1
Discharged 1938	8	1	5	1	1
Deaths, 1938	0	0	0	0	0
Remaining in Hos- pital, 31.12.38	2	1	1	0	0

Average No. of days in hospital—Diphtheria—40.

Average No. of days in hospital—Scarlet Fever—33.

Vaccination Return.

for year ending 31st December, 1937.

Goole District.

No. of Births	...	...	...	393
Successfully Vaccinated	...	...	...	57
Statutory Declarations	...	...	...	307
Died Unvaccinated	...	...	...	22
Removals	...	...	...	7

Year 1938.

Successful Vaccinations	...	...	...	39
Statutory Declarations	...	...	...	308

VENEREAL DISEASES CLINIC, 1938.

	Syphilis.		Gonorrhœa.		Non Venereal.		Total
	M.	F.	M.	F.	M.	F.	
Under treatment	7	4	3	0	0	0	14
New cases	11	6	14	0	13	3	47

Number of out patient attendances—568.
 Number of doses of Arsenobenzene compound—73.
 Number of doses of Bismuth—32.
 Number of Wasserman Tests—21.
 Number of Microscopical Examinations—15.

MATERNITY AND CHILD WELFARE.**Form M.C.W. 96.**

1.—Population of the area served by the Council 19,560.

2.—Number of births notified in that area during the year.

(a) Live births, 360. (b) Still births, 13. (c) Total, 373.

(d) By midwives, 348. (e) By doctors, 25.

3.—Health Visiting.

(a) Number of Health Visitors employed at the end of the year—

(i) by the Council—1.

(ii) by Voluntary Associations—0.

(b) Equivalent of whole-time services devoted by the whole staff to health visiting (including attendance at infant welfare centre—Whole time.

(c) Number of visits paid during the year.

(i) to expectant mothers. First visits—52.

Total visits—143.

(ii) to children under 1 year. First visits—373.

Total visits—1,163.

(iii) to children 1—5 years. Total visits—802.

4.—Infant Welfare Centres.

(a) Number of centres provided and maintained by the Council—2.

(b) Total number of attendances—

(i) by children under 1 year—4,510.

(ii) by children under 1—5 years—618.

(c) Total number of children who first attended at the centres during the year and who on the date of their first attendance were—

(i) under 1 year of age—245.

(ii) over 1 year of age—1.

(d) Total number of children under 5 years who attended at the centres during the year and who, at the end of the year were—

(i) under 1 year—216.

(ii) over 1 year—211.

(e) Percentage of notified live births represented by the number (c) (i)—68.

5.—Ante-natal and Post-natal Services.

	Ante-natal.	Post Natal.
(a) (i) Number of clinics provided by the Council	1	1
(ii) Number of clinics provided by Voluntary Associations	0	0
(iii) Total number of attendances	738	17
(iv) Total number of women who attended	174	3
(b) Total number of expectant mothers ante-natally examined by private doctors	7	
(c) Percentage of total notified births (live and still) represented by the total number of women shown under 5 (a) (iv) and 5 (b)	48	8

6.—Supply of Milk and Food.

(a) Milk is supplied to expectant mothers, nursing mothers, and children under five years—

- (1) free, or at less than cost price in necessitous cases.
- (2) at cost price in the cases according to scale adopted by the Committee.

(b) Total quantity of milk supplied during the year to expectant and nursing mothers and young children—

- (i) 268 liquid gallons. (ii) 1,122 dried pounds.

7.—Infectious Diseases.

Disease	Number of cases notified during the year.	Number of cases visited by officers of the Council	Number of cases removed to hospitals.
Ophthalmia Neonatorum	0	0	0
Pemphigus	0	0	0
Puerperal Pyrexia	3	3	1
Measles	0	28	0
Whooping Cough	0	11	0

8.—Consultants.

Number of cases in which the services of a consultant have been provided during the year for a private medical practitioner—2.

9.—Maternal Deaths—None.**10.—Child Life Protection.**

- (a) Number of persons who were receiving children for reward at the end of the year—1.
- (b) Number of children :
 - (i) at the end of the year—1.
 - (ii) who died at the end of the year—0.
 - (iii) on whom inquests were held during the year 0.
- (c) Number of Child Protection Visitors who were—
 - (i) Health Visitors—1.

Our thanks are again offered to the voluntary helpers at the Infant Centres during the year and to the members of the ladies' luncheon club for providing one of our Old Goole mother's with a fortnight's holiday during the summer.

MATERNITY HOME.

- 1.—Address—Bartholomew Avenue.
- 2.—Number of beds—4.
- 3.—Number of cases admitted during the year—81.
- 4.—Average duration of stay—14 days.
- 5.—Number of cases delivered by—
 - (a) midwives—69.
 - (b) doctors—12.
- 6.—Number of cases in which medical assistance was sought by a midwife in emergency—40.
- 7.—Number of cases notified as—
 - (a) puerperal fever—0.
 - (b) puerperal pyrexia—1.
- 8.—Number of cases of Pemphigus Neonatorum—0.
- 9.—Number of infants not entirely breast fed—3.
- 10.—Number of cases of Ophthalmia Neonatorum—0.
- 11.—Number of Maternal Deaths—0.
- 12.—(a) Number of infant deaths—
 - (i) stillborn—5.
 - (ii) within 10 days of birth—1.
 - (b) Cause of death—induced labour.

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE.

TABLE C.

BOROUGH OF GOOLE SANITARY DISTRICT.

NUISANCE INSPECTIONS.

Total No. of Inspections made in 1938, for Nuisances only—163.

(For Housing Inspections see Table D.)

Nuisances found in 1938 163 Total needing abatement ... 266
Nuisances in hand end of 1937 103 Abated during 1938 ... 152

Outstanding end of 1938 ... 114

Notices served—Informal ... 163 Complied with ... 152

Notices served—Statutory ... 16 Complied with ... 14

Total number of Summonses or other legal proceedings—0.

Regulated Buildings, Trades, &c.	No. in District.	No. on Register	Total No of inspec- tions made	General Con- ditions	Legal Proceedings (if any)
Common Lodging Houses	4	4	5	Satisfactory	None
Houses let in Lodgings	0	0	0	Fairly Satisfactory	None
Canal Boats ...	432	932	22		
Knackers' Yards ...	0	0	0	Unsatisfac- tory	None
Tents, Vans and Sheds	1	0	3		
Offensive Trades ...	0	0	0		

Have the Council declared any other processes to be offensive trades—No.

DRAINAGE AND SEWERAGE.

Particulars of any sewer extensions during 1938—(Lansdown Rd., 37 yds.—12" dia.) (Grosvenor Av., 309 yds.—9" dia.)
(Morley St., 120 yds.—12" dia ; 53 yds.—9" dia.)
(Seavy Rd., 30 yds.—9" dia ; 30 yds.—12" dia.)

Details of any portion of district still requiring—

(a) Sewering—None.

(b) Improvement of defective sewers—None.

No. of houses not connected to sewers—None.

Sewage Disposal Works.

Particulars of any extensions made during 1938—Nil.

Any inadequacy of sewage disposal works—No.

Any complaint from the West Riding Rivers Board—No.

CLOSET ACCOMMODATION.

No. of Privies with open middens—0. No. of Pail or Tub Closets—265. No. of Privies with covered middens—0. No. of Water Closets—6100. Waste-water Closets—0. No. of Privies re-constructed during 1938—(a) as w.c.'s—0. (b) other—0. No. of Closets, other than privies reconstructed during 1938 as W.Cs.—46. No. of additional Closets provided for old property in 1938—(a) w.c.'s.—13. (b) other—0. No. of Closets constructed in 1938 for new houses (a) w.c.'s—266. (b) other—0.

Any special action being taken by Council to secure conversion of privies, waste water closets and pails to W.C. System. If so, what? The Council contributes £3/10/0 per conversion.

SCAVENGING.

Is public scavenging in operation throughout the whole district?
—Yes. How is refuse disposed of? Tipping—100 per cent. If tipping
is in operation, is it on the controlled system?—Yes. Total
annual cost of collection and disposal of refuse—£3,260.
Particulars of any extension or improvement in the service during
the year—Nil.

WATER SUPPLY.

Source of Supply—Underground, New Red Sandstone, Pollington.
By whom distributed—Corporation. No. of houses on public
supply—5593. Any extension of supply during the year?—No.
Has supply been satisfactory?—Yes.

(a) In quality—Yes. (b) In quantity—Yes.

No. of examinations made during the year (a) chemical—3.
Result—Satisfactory.
(b) bacteriological—8.
Result—Satisfactory.

Have any supplies been restricted or closed, if so, where?—No.

MILK SUPPLY.

Are Two Registers being kept as required by Section 2 (3) Milk
and Dairies (Amendment) Act, 1922?—Yes.

(a) For Retailers—Yes. (b) For Cowkeepers or Wholesale
Traders—Yes.

Have any retailers been removed from the Register?—No.

MILK (SPECIAL DESIGNATIONS) ORDERS 1936 and 1938.

1. No. of Licences in force in area for:—

(a) Production of "Tuberculin Tested" Milk	...	...	0
(b) Production of "Accredited" Milk	...	...	0
(c) In respect of Pasteurising plants	...	...	1

2. Samples of designated milks examined bacteriologically:—

	Number	Number	Total
	Satis- factory.	Unsatis- factory.	
(a) "Tuberculin Tested" Milk	...	0	0
(b) "Accredited Milk"	...	0	0
(c) Pasteurised Milk	...	5	3
			8

No. of Milk samples taken by officers of local authority for analy-
sis under the Food and Drugs (Adulteration) Act, 1928—33.

No. found adulterated—2. No. of prosecutions—0.

No. of samples of ordinary milk taken by officers of local authority
for:—(a) Methylene blue test—106.

(b) Presence of tuberculosis—106.

Any special examination of milk for dirt, e.g., sedimentation test?
—No.

Any instance of disease attributed to milk during 1938?—No.

No. of cowkeepers in district—4. No. registered—4.

Total No. of cowsheds—4. Total No. of milk cows—20.

Total No. of cowshed inspections during the year—7.

No. of wholesale traders registered—3.

No. of retail milk sellers registered—27.

Observations as to structural conditions, cleanliness and methods
of production and handling of milk—Nil.

MEAT INSPECTION.

Any public abattoir in district?—yes.

Total No. of private slaughterhouses—1, licensed for the slaughter of horses only.

No. unsatisfactory either as regards structure, position or in other respects—1 horse slaughterhouse.

CARCASES INSPECTED AND CONDEMNED.

	Cattle	Calves	Sheep/Lambs	Pigs
Number killed (if known) ...	1620	38	3311	2665
Number inspected ...	1620	38	3311	2665
All diseases except Tuberculosis—				
Whole carcasses condemned ...	0	3	13	3
Carcasses of which some part or organ was condemned ...	38	0	0	12
Tuberculosis only—				
Whole carcasses condemned ...	2	1	0	1
Carcasses of which some part or organ was condemned ...	52	0	0	47

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—No.

OTHER FOODS.

No. of samples (other than milk) taken by officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928—0. No. found adulterated—0. No. of prosecutions—0.

No. of Bakehouses in district—19. Total inspections—42.

Are any of bakehouses underground, if so, how many?—1.

SCHOOLS.

No. of Schools in District—7. No. visited by M.O.H.—7.

Action taken—None. Schools closed by M.O.H.—None.

General Sanitary Conditions—Satisfactory.

SMOKE ABATEMENT.

No. of smoke observations each of 30 minutes duration taken during 1938—17.

No. of above showing excessive emission of black smoke—0.

No. of cautions issued—0. No. of statutory notices issued—0.

No. of prosecutions—0.

SHOPS ACT 1934, Sections 10 and 13 (3).

No. of visits paid under the above Act during 1938—697.

Unsatisfactory conditions found—26. Remedied—26.

TENTS, VANS, SHEDS, etc.

No. in District—1.

Is this class of dwelling showing signs of increase?—No.

Have Council made bye-laws under Section 268 (4), Public Health Act, 1936?—No.

ERADICATION OF BED BUGS.

- No. of Council houses found to be infested—1. No. disinfested—1.
 Other houses found to be infested—104. No. disinfested—104.
 What methods are employed for freeing infested houses from bed bugs? Fumigation with Hydrogen Cyanide.
 What methods are employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses? Fumigation with Hydrogen Cyanide.
 Is the work of disinfection carried out by the local authority or by a contractor?—Contractor.
 What measures are taken by way of supervision or education of tenants to prevent infestation or re-infestation of houses after cleansing?—Visits by Sanitary Inspector.

SWIMMING BATHS AND POOLS.

- Are there in the district :—
 (a) Any public swimming baths or pools—Yes—1.
 (b) Any privately owned swimming baths or pools open to the public—No.
 If so, give brief particulars of each and state what action is taken to ensure satisfactory condition of the water.—
 The water in the public swimming bath is treated by a Horsley Piggott Filtration Plant, Chlorination and Aeration.
 (c) Any samples of bath waters examined in 1938, apart from samples submitted to the County Bacteriological Laboratory.
 If so, please give particulars—None.

BYE-LAWS AND REGULATIONS in force in District.

- Please give complete list of Byelaws and Regulations in force, and date of adoption in each case.—New Buildings, 30th September, 1937. New Streets, 30th September, 1937.

ISOLATION HOSPITALS.

- General Infectious Diseases :—
 Address of Hospital—Isolation Hospital, Westfield Banks, Goole.
 Any change or extension in 1938—No.
 Any disease in addition to scarlet fever, enteric fever or diphtheria (e.g. pneumonia or non-notifiable disease) treated in infectious diseases hospital—Yes.
 Name of authority controlling—Goole Isolation Hospital Joint Board.
 Smallpox :—
 Address of Hospital—Small Pox Hospital, Dutch River Side, Goole.
 Any change or extension in 1938—No.
 Name of Authority controlling—Goole Borough Council.

GENERAL HOSPITALS AND INSTITUTIONS.

- (a) General and Accident—1.
 Address—Bartholomew Hospital, Goole.
 Children's—
 Address—Bartholomew Hospital, Goole.
 (b) Local: Hospital, Cottage, Address—Bartholomew Hospital.
 (c) Maternity (Homes)—1. Bartholomew House, Goole.

AMBULANCE SERVICES.

	General Sick and Accident Cases	General Infectious Disease Cases	Smallpox
Location of Ambulance ...	Bartholomew Hospital	Isolation Hospital	Smallpox Hospital
Ownership ...	Hospital	Hospital Board	Borough
Type of Ambulance ...	Motor	Motor	Horse
Arrangements for nurse to accompany patient ...	Yes	Yes	Yes
Charges (if any) to patients in district ...	No	No	No

MORTUARIES.

What accommodation—

- (a) for accidents—at Bartholomew Hospital.
 - (b) for infectious cases other than hospital—No.
 - (c) For other cases—Public Mortuary, Bridge Street, Goole.
 - (d) For post mortem examinations—Public Mortuary.
- Any suggestions by M.O.H.—New Mortuary being erected.

BACTERIOLOGY (County Laboratory).

Any suggestions?—No.

BURNING SPOIL BANKS.

Any nuisance therefrom—No.

SANITARY STAFF.

What is the present Annual Salary of the M.O.H.?—£225.

Name of Sanitary Inspector—Robert Oxen Black.

Annual Salary as Inspector—£340.

Other Appointments held—Canal Boats, Shops Acts, Petroleum Inspector.

Salary for such other Appointments—£10.

Any Assistants?—One.

Is Staff sufficient?—Yes.

Does M.O.H. receive copies of Memos. and Circulars distributed by Ministry of Health?—Yes.

SPECIAL REPORTS AND INVESTIGATIONS ON ANY SUBJECTS.

Nil.

SUPPLEMENTARY REMARKS as to Sanitary requirements of District, suggestions of M.O.H., and extended notes on any of the foregoing entries. Any suggestions as to need for County Clinics or Dispensaries, or as to existing Clinics or Dispensaries.

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE.

GOOLE BOROUGH SANITARY DISTRICT.

HOUSING STATISTICS.

Year 1938.

Table D.

1.—INSPECTION OF DWELLING-HOUSES DURING THE YEAR.

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	585
(b)	Number of inspections made for the purpose ...	990
(2) (a)	Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	111
(b)	Number of inspectors made for the purpose ...	277
(3)	Number of dwelling-houses needing further action ...	585
(a)	Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	111
(b)	Number (excluding those in sub-head (3) (a) above) found not to be in all respects reasonably fit for human habitation	474

2.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	274
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3.—ACTION UNDER STATUTORY POWERS DURING THE YEAR.

A. Proceedings under Sections 9, 10 and 16, Housing Act, 1936. .	
(1) No. of dwelling-houses in respect of which notices were served requiring repairs	8
(2) No. of dwelling-houses which were rendered fit after service of formal notices	2
(a) By owners	1
(b) By Local Authority in default of owners ...	1
B. Proceedings under Public Health Acts :—	
(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	16
(2) No. of dwelling-houses in which defects were remedied after service of formal notices ...	14
(a) By owners	7
(b) By Local Authority in default of owners ...	7
C. Proceedings under Sections 11 and 13 of the Housing Act, 1936 :	
(1) No. of representations, etc., made in respect of dwelling-houses unfit for habitation	172
(2) No. of dwelling-houses in respect of which Demolition Orders were made	65
(3) No. of dwelling-houses demolished in pursuance of Demolition Orders	5
D. Proceedings under Section 12 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	1
(2) Number of separate tenements or underground rooms the Closing Orders in respect of which were determined, the tenement or room having been rendered fit	0

4.—UNHEALTHY AREAS.

Have any areas been declared Clearance Areas during the year 1938? If so, please give full particulars as to such, including situation, number of houses, population, and action taken relative thereto:—

Groves Cottages Clearance Area.—8 houses.—19 occupants.

Swinefleet Road Clearance Area.—8 houses.—31 occupants.

South Street Clearance Area.—5 houses.—11 occupants.

Clearance Orders were made in respect of each area and were confirmed by the Minister of Health.

5.—NUMBER OF NEW HOUSES ERECTED DURING 1938.

(a) By the Local Authority	...	...	...	194
(b) By private enterprise	...	...	...	40
			Total	234

6.—HOUSING CONDITIONS.

- (1) Total number of houses in the District ... 5593
- (2) No. of working-class houses included in the above 4108
- (3) General observations as to housing conditions, overcrowding, and shortage of houses. ... —
- (4) Any special activity in house building? If so, where?—Newland Road.
- (5) Any housing scheme projected by Local Authority?—Houses mentioned in report for 1937 are now in the course of erection.
- (6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936: No.

7.—TOWN PLANNING.

- (1) Is the Council a member of any Regional Town Planning Committee?—No.
- (2) Is a Town Planning Scheme in force for
 - (a) The whole of the District—No.
 - (b) Part of the District—No.
- (3) Have Council during 1938 passed a Resolution deciding to prepare a Town Planning Scheme? If so, does it relate to:—
 - (a) Whole District?—No.
 - (b) Part of District?—No.

8.—Name and address of Officer designated to make inspections under the Housing Consolidated Regulations.

R. O. BLACK, Senior Sanitary Inspector, Municipal Offices, Goole.

9.—Has any action been taken to improve the housing conditions of tuberculous families in your District, either by way of building new or special houses, or granting of special facilities for such families to be housed? If so, please state action taken? Wherever an opportunity arises families are rehoused on the Council estates.

10.—HOUSING ACT, 1936—Part IV—OVERCROWDING.

(a)	(1)	Number of dwellings overcrowded at the end of the year	31
	(2)	Number of families dwelling therein	... .. 31
	(3)	Number of persons dwelling therein	... .. 180
(b)		Number of new cases of overcrowding reported during the year —
(c)	(1)	Number of cases of overcrowding relieved during the year	... .. 53
	(2)	Number of persons concerned in such cases	... 367
(d)		Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	... Nil
(e)		Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	... .. Nil

METEOROLOGY.

RAINFALL and SHADE TEMPERATURES recorded at GOOLE in the County of York for the Year 1938.

Rain Gauge—Diameter of funnel at top : 5 inches.
 Height of top above ground : 1 foot.
 Height of ground above sea level : 18 feet.

The Resident Agent of the Aire and Calder Navigation, has kindly furnished me with the following particulars :—

RAINFALL.

Month 1938.	Total depth inches.	No. of Days with .01" or more recorded.	Greatest fall in 24 hours inches
January	1.83	19	.25
February	1.41	8	.64
March	.25	2	.13
April	.10	4	.04
May	3.09	15	.70
June	2.01	18	.52
July	2.83	19	.55
August	3.44	12	.91
September	1.75	14	.36
October	2.85	20	.60
November	2.31	16	.50
December	4.27	21	.56
	26.14	168	

SHADE TEMPERATURE (MEAN).

	Max deg.	Min. deg.	Mean deg.
January	47	38	42.5
February	48	38	43
March	58	41	49.5
April	56	40	48
May	61	46	53.5
June	67	52	59.5
July	66	54	60
August	69	55	62
September	64	53	58.5
October	58	46	52
November	53	44	48.5
December	45	36	40.5

TABLE shewing Number and Net Tonnage of Vessels which have arrived
during the Years 1918 to 1938 inclusive.
PORT OF GOOLE.

Years	Number of Vessels.		Total No. of Vessels, Foreign and Coastwise	Tonnage.		Total Tonnage Foreign and Coastwise
	Foreign	Coastwise		Foreign	Coastwise	
1918	597	313	910	143552	94329	238091
1919	778	349	1122	254635	124211	378146
1920	886	405	1271	311677	137978	449655
1921	931	437	1368	355907	140267	495174
1922	1819	1030	2849	741725	303313	1045037
1923	2375	1140	3515	970461	347963	1318432
1924	1619	1276	2895	671316	513307	1084623
1925	1397	1278	2675	586900	541715	1028615
1926	1280	629	1909	516111	238312	755423
1927	1401	1255	2656	558444	435894	1004337
1928	1514	1355	2869	655066	445519	1150585
1929	1908	1216	3124	788638	430067	1218705
1930	1746	1312	3058	798438	488764	1287202
1931	1521	1460	2981	673571	518187	1191758
1932	1184	1572	2756	491781	530038	1021819
1933	1207	1467	2674	485923	509756	995679
1934	1205	1518	2723	495462	512015	1007477
1935	1235	1579	2814	516812	503221	1020033
1936	1227	1506	2733	500304	494129	994433
1937	1349	1664	3013	566294	566923	1133217
1938	1225	1445	2670	515997	475385	991382



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