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REPORT

REPORT

Public Health Services

1965

on the



HEALTH

of the

URBAN DISTRICT OF BOWDON

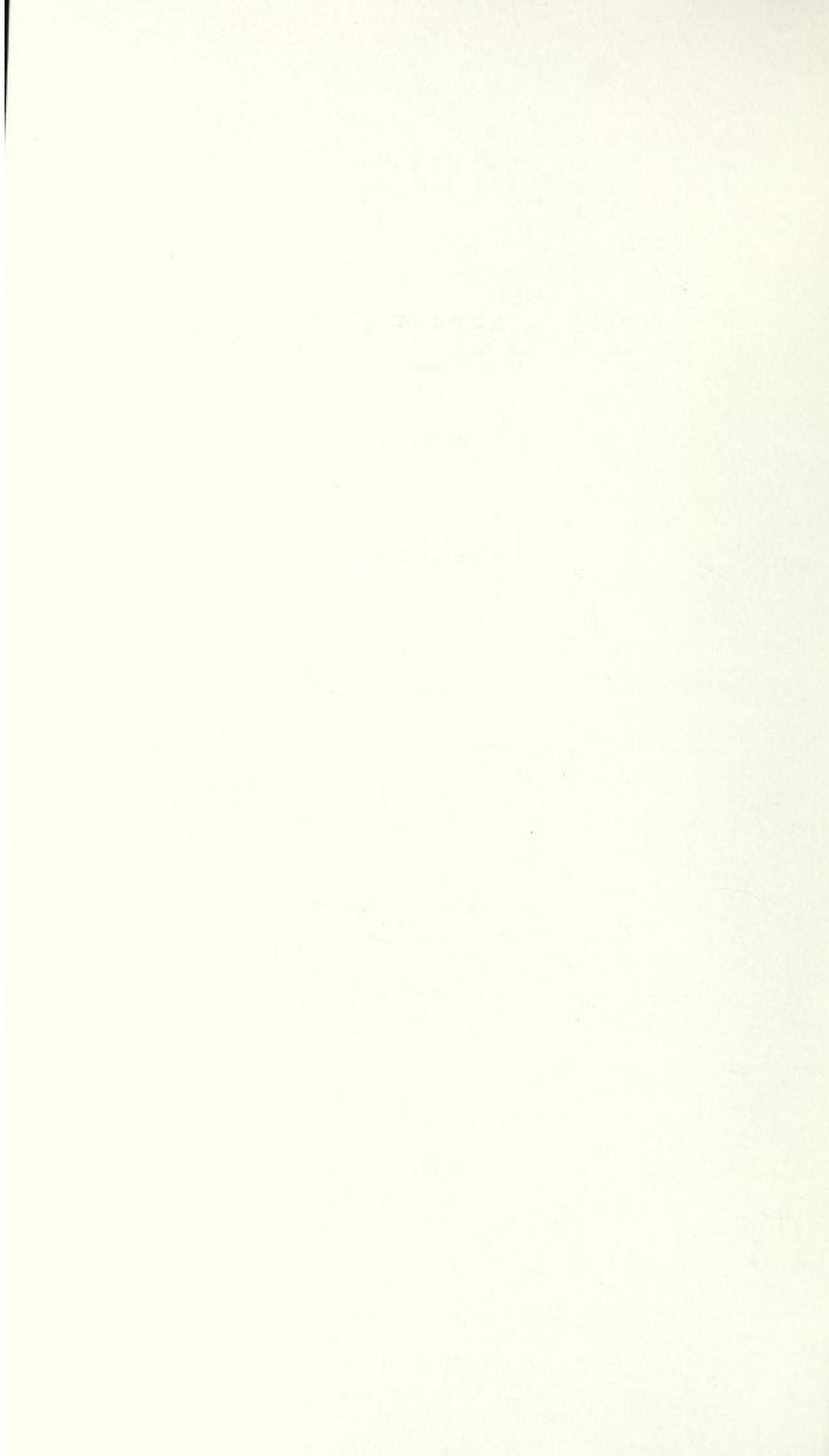
1965

Public Health Services

Public Health Services

Public Health Services

Public Health Services



BOWDON URBAN DISTRICT COUNCIL

Public Health Committee

1965

Councillor	J. P. Cooper (Chairman)
"	Mrs. E. Cassel
"	Mrs. F. V. Vickery
"	Colonel W.E.B. Dansie O.B.E.
"	H. Davies
"	R. D. Armstrong
"	T. Gray Hill
"	Major G. C. Howarth
"	J. B. Humphreys
"	A. D. Johnson: J.P.
"	Miss M.R. Mason J.P. M.A.
"	F. Seatree.


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Medical Officer of Health

E. H. Gordon M.D. D.P.H.

Public Health Inspector

L. J. Cottrell A.R.S.I. M.Inst. P.H.E.



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Mr. Chairman, Ladies & Gentlemen,

I have pleasure in submitting the Annual Report for the year 1965 on the health and sanitary circumstances in the district.

The mid year population as estimated by the Registrar General's Office was 4,650, a decrease of ten persons compared with the population in 1964. There are '13' fewer births and '9' more deaths compared with the previous year. The standardised birth rate of 14.73 per 1,000 population was well below the birth rate for England and Wales which was 18.00 per 1,000 population. The standardised death rate of 10.35 per 1,000 of the population was also less than the national rate of 11.5. The birth rate was 3 per 1,000 greater and the death rate was 2.2 per 1,000 less than the figures for 1963.

Notifications of infectious diseases numbered 31, of which 20 related to measles. There were some cases of whooping cough, and undoubtedly some of these children, if not all, had been immunised against the disease. Such a happening is not unusual throughout the country and can be accounted for by the fact that a previously less virulent strain of the organism which causes whooping cough has become more virulent. Furthermore, the whooping cough vaccine contains the three strains of the organism which were more virulent and prevalent some years ago. It is not any easy matter to change the content of a vaccine if there is any doubt about possible changes in the future in the virulence and prevalence of a particular strain of the organism involved.

The majority, 46 of the 73 deaths, in the district are attributable to diseases affecting the heart, blood vessels and the blood circulatory system in general, whereas all forms of cancer accounted nine deaths. Whereas there should never be any complacency it is right that the death rate from the cancers should be seen in proper perspective.

The statistical figures can give one a fairly true picture of Bowdon - a small pleasant residential area with a minimum of population movement. But figures cannot reveal the spacious houses standing in their own grounds and the comparatively small number of council owned houses and smaller dwellings.

Nevertheless, even a small district can have public health problems which are very ably dealt with by Mr. Cottrell, the Public Health Inspector, to whom I am indebted for his support during the year and for the work he has put into the preparation of this report.

I am,
your obedient servant,
E.H. GORDON,
Medical Officer of Health.

General Statistics

	<u>1963</u>	<u>1964</u>	<u>1965</u>
Area of the District	1090	1090	1090
Average height above sea level	220	220	220
Registrar General's estimated mid year population	4480	4660	4650
Number of inhabited houses	1429	1449	1470
Rateable Value	£194,912	£200,369	£197,766
Sum represented by penny rate	£788	£800	£817

Vital Statistics

Total live births	49	78	65
Crude birth rate per 1,000 population	10.93	12.90	13.90
Comparability factor	1.06	1.06	1.06
Standardised birth rate	11.58	13.67	14.73
General birth rate England & Wales	18.2	18.4	18.0

Total still births	0	0	0
Still birth rate per 1,000 live and still births	0	0	15.15
Total live and still births	49	78	66
Infant Mortality rate per 1,000 legitimate live births	20.40	13.90	32.78
Infant mortality rate per 1,000 live births	0	12.80	30.76
Infant mortality rate per 1,000 illegitimate live births	.333	.250	0
Maternal deaths	0	0	0
Maternal mortality per 1,000 live and still births	0	0	0

Total deaths	78	64	73
Crude death rate per 1,000 population	17.41	13.69	15.69
Comparability factor	0.73	0.73	.66
Standardised death rate	12.71	9.99	10.35
General death rate	12.2	11.3	11.5
Deaths from cancer	15	8	9
Deaths from Tuberculosis	0	0	0

PART TWO - TABLES

Infant Mortality

Table 1. Live Births

	<u>LEGITIMATE</u>			<u>ILLEGITIMATE</u>			<u>TOTALS</u>		
	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Male	25	38	33	1	3	4	26	41	37
Female	21	36	28	2	1	0	23	37	28
Total	46	74	61	3	4	4	49	78	65

Table 2. Still Births

	<u>LEGITIMATE</u>			<u>ILLEGITIMATE</u>			<u>TOTALS</u>		
	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Male	0	0	0	0	0	0	0	0	0
Female	0	0	1	0	0	0	0	0	1
Total	0	0	1	0	0	0	0	0	1

Table 3. Deaths of Infants
Under 1 year of age

	<u>LEGITIMATE</u>			<u>ILLEGITIMATE</u>			<u>TOTALS</u>		
	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Male	0	0	1	0	0	0	0	0	1
Female	0	0	0	1	1	0	1	1	0
Total	0	0	1	1	1	0	1	1	1

Table 4. Deaths of Infants
Under 4 weeks of age

	<u>LEGITIMATE</u>			<u>ILLEGITIMATE</u>			<u>TOTALS</u>		
	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
Male	0	0	1	0	0	0	0	0	1
Female	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	0	0	0	0	1

NOTIFIABLE DISEASES

For Year Ended - 1965	Scarlet Fever		Whooping Cough		Measles Excluding Rubella		Acute Poliomyelitis		Paralytic Poliomyelitis		Respiratory Tuberculosis		Paratyphoid fever		Puerpal Pyrexia	
Quarter ended 31st March	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
" " 30th June	-	1	-	-	10	-	-	-	-	-	-	-	-	-	1	-
" " 30th September	-	1	1	1	2	3	-	-	-	-	-	-	-	-	-	-
" " 31st December	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-
Total Male and Female	-	3	4	3	12	8	-	-	-	-	-	-	-	-	1	-

Figures as compared with 1963 & 1964

Disease	Number of Cases Notified		
	1963	1964	1965
Scarlet Fever	1	1	3
Whooping Cough	13	4	7
Measles Excluding Rubella	36	37	20
Acute Poliomyelitis	0	0	0
Paralytic "	0	0	0
Respiratory Tuberculosis	0	0	0
Other "	0	0	0
Paratyphoid Fever	0	0	0
Puerpal Pyrexia	1	0	0
Food Poisoning	0	0	1
Total	51	43	31

THE NATIONAL HEALTH ACT SERVICES & SERVICE

Provided by the Cheshire County Council

National Health Service Act, 1946

1. Hospital Services

Controlling Body	Manchester Regional Hospital Board
Local Hospitals	Administered by North West, Mid Cheshire Hospital Management Committee.
Secretary	Mr. F. Fowden, Administrative Offices, Altrincham Maternity Hospital, Sinderland Road, Altrincham.

2. Hospitals Serving this Area

General Acute Cases	Altrincham General Hospital, and Denzell Convalescent Home, Bowdon.
General Chronic Cases	Withington Hospital, Manchester, and Cranford Lodge, Knutsford.
Maternity Hospitals	Southfields, Bowdon, and Altrincham Maternity Hospital.
Ear Nose and Throat	St. Anns Home, Altrincham.
Infectious Diseases	Monsall Hospital, Newton Heath, Manchester.
Smallpox	Ainsworth Smallpox Hospital, near Bury, Lancs.

Bowdon Residents are also treated in the many Manchester Hospitals.

3. General Practitioners and General Dental Services

Controlling Body	National Health Service Executive Council of Cheshire.
Clerk	Mr. F. Hayter, 28 Nicholas Street, Chester.

4. Services of Local Health Authority - Cheshire County Council

Altrincham Divisional Health Committee

Immunisation and Vaccination	Care of Mothers and young children under the age of five years.
Care and After care	Health Visiting
Home Help Service	District Nursing
Domiciliary Midwifery	Chiropody Service
Care of Handicapped Persons.	

Cheshire County Council Services

Ambulance Service	Ambulance Station, Manchester Road, Broadheath.
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Telephone ALT 3256

Cheshire County Council Services

cont/...

Maternity & Child Welfare

The Child Welfare Centre, is open every Wednesday at Lister House, Broomfield Lane, Hale.

Domiciliary Midwifery and District Nursing.

Miss A. Milvenan, 1 Bollin Court, Bowdon.

Dental Services

Lister House - School Dentist or The Dental Hospital, Manchester.

Mental Health Service

Occupation Centre, Navigation Road, Altrincham, J. Thompson, 5 School Road, Sale, Cheshire.

Officer for Mental Health

The Divisional Health Area, covers Altrincham M.B. Hale U.D.C. Knutsford U.D.C. Bowdon U.D.C. and Bucklow R.D.C.

Other Services by other Committees of Cheshire County Council

Education Committee

School Health Services, including School Dental Services.

Welfare Committee

County Welfare Officer,
Mr. Evans,
County Hall,
Chester.

Elderly persons, care and attention of homeless and handicapped persons provisions for residential accommodation.

Childrens Committee

Officer Mr. J. Blades,
Area Office,
53/55 George Street,
Altrincham.

Provides for the care of deprived children - children not under parental care, foster children etc.

The Divisional Medical Officer:-

Dr. E. H. Gordon M.D. D.P.H.,
Divisional Health Office,
Mountlands,
The Mount,
Church Street,
Altrincham.

Telephone ALT 5323 & 1981.

Causes of Death for the year 1965

1965 1964

Causes of Death	Male	Female	Total	Total
1. Respiratory Tuberculosis	-	-	-	-
2. Other forms of Tuberculosis	-	-	-	-
3. Syphilitic Disease	-	-	-	1
4. Diphtheria	-	-	-	-
5. Whooping Cough	-	-	-	-
6. Meningococcal Infections	-	-	-	-
7. Acute Poliomyelitis	-	-	-	-
8. Measles	-	-	-	-
9. Other infective and parasitic diseases	-	-	-	-
10. Malignant Neoplasm of the Stomach	-	1	1	1
11. Malignant Neoplasm of Lung and Bronchus	3	-	3	3
12. Malignant Neoplasm of the Breast	-	1	1	1
13. Malignant and lymphatic neoplasms	1	3	4	6
14. Malignant Neoplasm of the Uterus	-	-	-	-
15. Leukemia and aleukemia	1	-	1	-
16. Diabetes	-	2	2	-
17. Vascular lesions of nervous system	3	13	16	9
18. Coronary disease, angina	9	9	18	8
19. Hypertension with heart disease	-	-	-	3
20. Other heart diseases	3	7	10	11
21. Other circulatory diseases	-	2	2	8
22. Influenza	-	-	-	-
23. Pneumonia	1	-	1	5
24. Bronchitis	1	1	2	3
25. Other Diseases of the respiratory system	-	1	1	-
26. Ulcer of the stomach and duodenum	-	1	1	-
27. Gastritis, enteritis and diarrhea	-	1	1	-
28. Nephritis and nephroses	-	-	-	-
29. Hyperplasia of prostate	-	-	-	-
30. Pregnancy, Childbirth, Abortion	-	-	-	-
31. Congenial malformations	-	-	-	1
32. Other defined and ill defined diseases	1	4	5	6
33. Motor Vehicle Accidents	1	1	2	-
34. All other accidents	-	-	-	-
35. Suicide	-	-	-	-
36. Homicide and operations of war	-	-	-	-
	26	47	73	64

Total of all causes

	Under 4 weeks	Under 1 Year	1	5	15	25	35	45	55	65	75 & Over	Total
Males	1	-	-	-	1	1	1	1	5	11	5	26
Females	-	-	-	-	1	2	-	1	2	7	34	47
Total	1	-	-	-	2	3	1	2	7	18	39	73

The majority of deaths are those associated with old age, that is the failing of the cardio vascular system and with cancer in its many forms.

MANCHESTER CORPORATION WATERWORKS

THIRIMERE AND HAWESWATER DISTRIBUTED SUPPLIES

THIRIMERE AQUEDUCT SUPPLY

TYPICAL RANGE

pH	7.0 - 7.5.
Colour ppm APHA	6 - 15
Turbidity ppm silica	0 - 1.0
	<u>parts per million</u>
Total solids dried at 180°C	35 - 45
Free acidity as CO ₂	0 - 3
Free Alkalinity as CaCO ₃	nil
Total Alkalinity as CaCO ₃	10 - 15
Total hardness as CaCO ₃	18 - 23
Non-carbonate hardness as CaCO ₃	7 - 9
Calcium as CaCO ₃	14 - 16
Magnesium as CaCO ₃	4 - 7
Chlorides as Chlorion	7 - 9
Sulphate as SO ₄	6
Silica as SiO ₂	1.0 - 3.0
Nitrates as N ₂	0.15 - 0.50
Nitrites as N ₂	nil to faint trace
Ammoniacal nitrogen as N ₂	0.01 - 0.04
Albuminoid nitrogen as N ₂	0.03 - 0.05
Oxygen absorbed (4 hrs. at 27°C) from Permanganate	0.40 - 1.50
Iron as Fe	0.04 - 0.20
Manganese as Mn	nil - 0.02

Haweswater Supply

Typical Range

pH	6.6 - 7.2
Colour ppm APHA	6 - 14
Turbidity ppm silica	0 - 1
	<u>Parts per million</u>
Total Solids dried at 180°C	39 - 53
Free Acidity as CO ₂	1 - 3
Free Alkalinity as CaCO ₃	nil
Total Alkalinity as CaCO ₃	12 - 16
Total hardness as CaCO ₃	8
Calcium as CaCO ₃	16
Magnesium as CaCO ₃	6
Chloride as Chlorion	5 - 9

Haweswater Supply cont/....

Silica as SiO_2	1.0	-	3.0
Sulphates as SO_4			6
Nitrates as N_2	0.05	-	0.2
Nitrites as N_2	nil	-	faint trace
Ammoniacal nitrogen as N_2	nil	-	0.02
Albuminoid nitrogen as N_2	0.01	-	0.03
Oxygen absorbed (4hrs at 27°C) from Permanganate	0.8	-	1.44
Iron as Fe	0.03	-	0.08
Manganese as Mn	0	-	0.04

MILK SUPPLY

There are only three milk distributors in the area, these are as follows:

<u>Name and Address</u>	<u>Designation</u>
Mrs. L. Bolton, Vale Buildings, Vicarage Lane, Bowdon.	Sterilised
Manchester and Salford Co-op Cos., Vicarage Lane, Bowdon.	Sterilised
H. Warburton, Grange Farm, Grange Road, Bowdon, Cheshire.	Untreated Pasteurised and Sterilised

During the year 1965 '5' samples of Pasteurised Milk, have been obtained from Warburtons and Manchester and Salford Co-op Society. These all proved satisfactory.

Other samples of milk have been taken in the Bowdon area from dealers operating outside the Urban Boundary. These are as follows:

Taylor's Dairy (Hale) Ltd., Hermitage Road, Hale, Cheshire.	1 untreated farm bottled 1 Pasteurised	Satisfactory
Stanley Morton, Yew Tree Hall Farm, High Legh, Knutsford.	1 untreated farm bottled	Satisfactory
A. Heald Ltd., Bedford Drive, Timperley, Cheshire.	1 sterilised 2 pasteurised	Satisfactory

Therefore in 1965 there were '8' Pasteurised, '1' Sterilised, and '3' untreated farm bottled.

Other milk distributors in the area

W. Wright, Little Thorns, Green Farm, Ashley.	J. H. Nixon Esq., 156 Leigh Road, Hale.	E. Hughes Esq., Chapel Lane Dairy, Breeze Hill, Hale.
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REPORT OF THE PUBLIC HEALTH INSPECTOR

The work of the Public Health Inspector during the year is limited due to the heavy demands on his time as Surveyor to the Urban District Council. However, progress has been made with routine work on housing and food premises inspection.

Housing

- a) Grants Standard Grants for the installation of bathing, washing and sanitary accommodation were approved for '1' property and the grant totalled to £113-6-4d.
- b) New Houses Private enterprise was responsible for the construction of '14' new houses.
- Progress has been made in the development of Bow Lane for Council Houses. Plans for layout and design of houses have been completed and a contract agreed for the erection of '28' Traditional Houses on this site. Existing Council Houses demand an increasing amount of work on maintenance and repair. The condition of Vale And Vine Cottages continues to deteriorate and the Council are considering what steps might be taken for the replacement of these cottages. The work of insertion of a new damp proof course is being carried out in pre-war Council Houses on Priory Road.

Refuse Collection and Disposal

Regarding the provision of a joint refuse incinerator with the authorities of Sale, Altrincham, Hale and Bucklow Rural District Council. Work has proceeded and the type of complete incineration has been agreed and Tenders are being sought at the same time as planning permission on the site in the Borough of Altrincham on Sinderland Road.

Drainage and Sewerage

The new Sewerage Disposal Works are now fully operational but unfortunately several matters are still outstanding, including the inefficiency of the sludge disposal line and also the question of storm water overflow. The question of infiltration water to the existing old sewers is being investigated and the whole question of re-sewerage has now been taken over by this department.

Food and Drugs

All premises connected with the sale of food are inspected to ensure the safe handling of food and to secure compliance with the Food and Drugs Act, 1955, and the Food Hygiene Regulations 1960.

The following is a summary of the various food premises in the district.

Grocers and General Provisions	12
Green Grocers	2
Confectionary Shops	1
Butchers	1
Licensed Premises	4
Fish Friers	1
Registered Ice Cream Premises	4
Restuarants	3

The Cheshire County Council are responsible for the taking of food and drugs samples in this area, and the following list of samples taken has been supplied by the Cheshire County Council, County Chief Inspector of Weights.

<u>Samples Taken</u>	<u>Number</u>	<u>Number of Non. Standard Samples</u>
Coconut (desiccated)	1	-
Cremor Acriflavine B.P.C.	1	1
Flour - plain	1	-
Milks - fresh	14	1
Rennet (Essence of)	1	-
Salad Dressing	1	-
Sausages - Pork	1	-
Strawberries (tinned in heavy syrup)	1	-
Tartar (cream of)	1	-
	<u>22</u>	<u>2</u>

Particulars of Adulterated/Non Standard Samples

<u>No.</u>	<u>Samples</u>	<u>Result of Analysis</u>	<u>Remarks</u>
1	Milk	Contains penicillin in excess of recommended limit of 0.05 I.U./ml. (0.075 I.U./ml)	Milk Producer cautioned.
2	Cremor	Acriflavine BPC Sample incorrectly marked "Cremor Acriflavine BPC"- Not included in BPC	Manufacturers cautioned,

Particulars of complaints from Private Purchasers

NIL

Offensive Trades

There are no offensive trades in the district.

Factories

There are two factories in the district. No action has been necessary under the Factories Act 1937 during the year.

Atmospheric Pollution

As the Urban District is purely residential the possible source of nuisance from Factory Chimneys within their district does not arise.

Serious pollution of the air however, emanates from domestic premises inside and outside the district, and the Clean Air Act, 1956, placed into the hands of Local Authorities power to establish Smoke Controlled Areas, within their district in order to reduce atmospheric pollution.

Suitable areas for establishing smoke control areas are the two new housing estates to the east and west of Bow Green Road. In addition the Council would establish smoke control areas involving properties owned by them, many of which have installed approved appliances for the burning of fuel in all new buildings. Rigid control is kept during the construction of new houses to ensure only approved appliances be installed.

The Council are Members of the Manchester and District Smoke Abatement Committee and they are represented at this Committee and also at the Standing Conference of Local Authorities regarding Atmospheric Pollution.

Shops Act

No action has been necessary during the year in respect of the provision of the Shops Act 1950, regarding sanitary and other arrangements in the shops.

Petroleum Licences

Your Public Health Inspector also acts as Petroleum Officer. During the year '4' Licences were issued for permission to keep petroleum spirits, the Bowdon Hydro failed to renew their licences, this year.

There are no offensive tides in the Pacific.

Pacific

There are no offensive tides in the Pacific. The Pacific is a vast, open ocean, and it is not possible to have offensive tides in such a vast body of water.

Offensive Tides

In the Pacific, there are no offensive tides. The Pacific is a vast, open ocean, and it is not possible to have offensive tides in such a vast body of water.

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Offensive Tides

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