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NOTTINGHAMSHIRE COUNTY COUNCIL

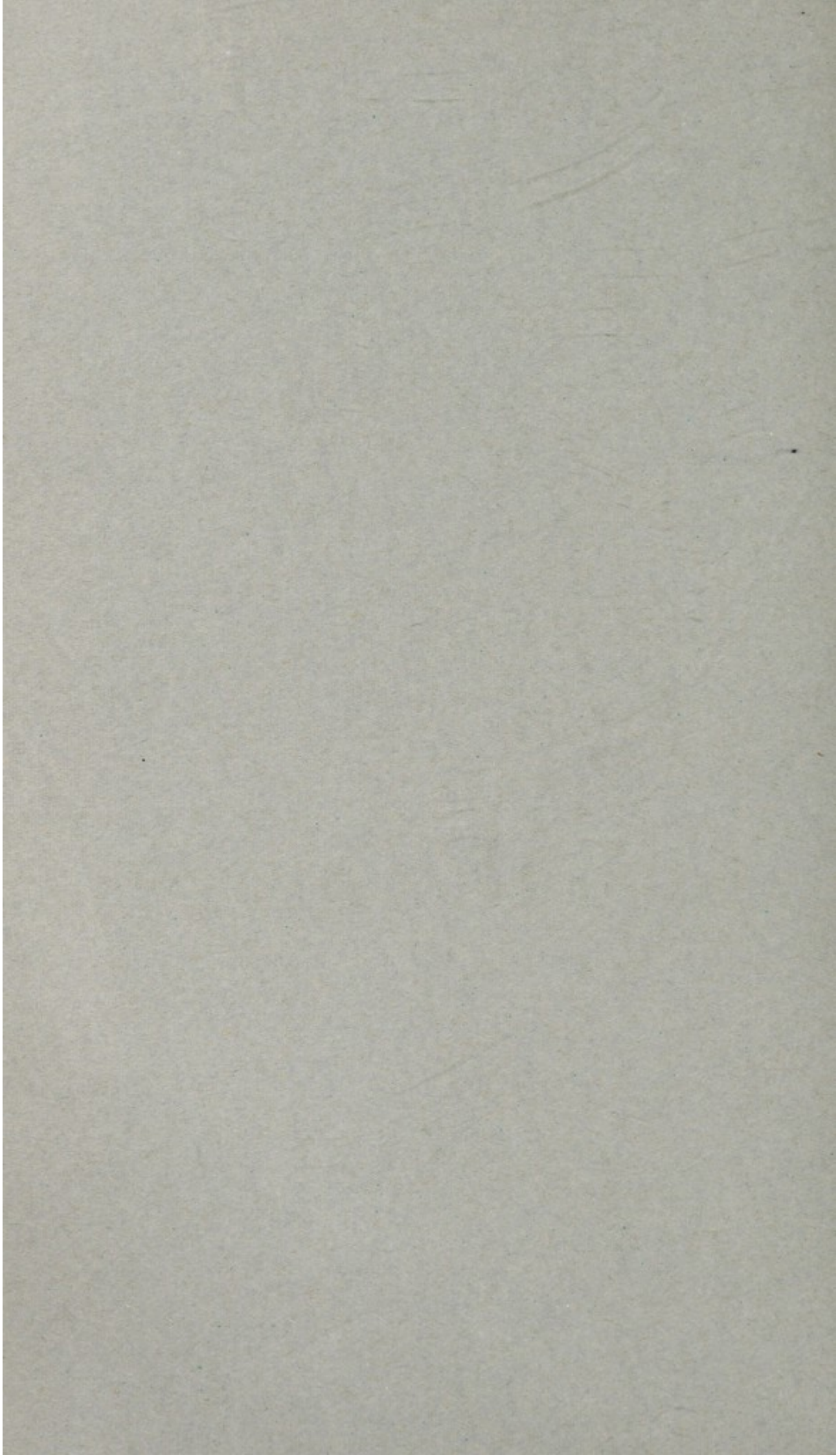


# 1963 annual report

OF THE COUNTY MEDICAL OFFICER

A. R. MARGETTS, M.B., B.S., D.P.H., D.C.H.

HEALTH DEPARTMENT, SHIRE HALL, NOTTINGHAM. TEL.: 55024







NOTTINGHAMSHIRE COUNTY COUNCIL

# 1963 annual report

OF THE COUNTY MEDICAL OFFICER

A. R. MARGETTS, M.B., B.S., D.P.H., D.C.H.

HEALTH DEPARTMENT, SHIRE HALL, NOTTINGHAM.

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## SECTION I

**COUNTY HEALTH COMMITTEE****Constitution**

Members of County Council	..	..	..	..	..	40
Municipal Borough Councils (1 for each)	..	..	..	..	..	4
Urban District Councils (1 for each)	..	..	..	..	..	10
Rural District Councils (1 for each)	..	..	..	..	..	6

**Sub-Committees**

Ambulance  
 Finance and General Purposes  
 Health Centres  
 Maternity and Child Welfare  
 Mental Health  
 Preventive Health Service  
 Sherwood Village Settlement Management

**Members of the Committee†***Chairman :*

ALDERMAN MRS. B. SHARRARD

*Vice-Chairman :*

COUNCILLOR R. A. BARTLAM

*Ex-officio :*

ALDERMAN F. A. SMALL

ALDERMAN S. FARR

*Aldermen :*

AINLEY, J.

ELEY, J. W.

GALE, F. J. W.

HILL, MRS. L.

QUIBELL, MRS. K. A.

SHARRARD, MRS. B.

TAYLOR, MRS. C. A.

† December, 1963



*Councillors :*

BARTLAM, R. A.	MORRIS, W. J.
BRADLEY, MRS. F. E.	O'HARA, H. F.
BROOKS, D. A.	PEATFIELD, J. W.
BROWN, S.	PEEL, G. H.
BUXTON, J.	POUNDER, A. J.
CLARKE, C. E.	QUIRK, MRS. G.
CUTTS, D.	RICHARDSON, J. W.
DEWHURST, G. R.	ROBERTS, J.
FOSTER, W. H.	SKILLEN, S. J.
GASCOYNE, W.	THOMAS, MRS. S. D.
GASH, W. W.	WALKER, G. R.
GREEN, A.	WATSON, MRS. P. R.
HARRISON, C.	WHELDON, F. E.
LAYCOCK, LADY	WHITE, F. W.
LINCOLN, E. E.	WOOLLEY, H. M.
MEAD, A.	YATES, MRS. E. A.
MILLS, R. E.	

*Representative Members :*

## MUNICIPAL BOROUGH COUNCILS—

East Retford ... ..	PATTISON, B. R.
Mansfield ... ..	MILFORD, MRS. A.
Newark ... ..	WHOMSLEY, A. E., B.E.M.
Worksop ... ..	TAYLOR, H. B.

## URBAN DISTRICT COUNCILS

Arnold ... ..	HALL, M. S.
Beeston & Stapleford ...	OLDHAM, A.
Carlton ... ..	GRIFFIN, P.
Eastwood ... ..	LIMB, C.
Hucknall ... ..	RADFORD, D.
Kirkby-in-Ashfield ... ..	ARNOLD, W.
Mansfield Woodhouse ...	STIRLAND, MRS. A. H.
Sutton-in-Ashfield ... ..	BONSER, J. D.
Warsop ... ..	NICKLESS, MRS. G.
West Bridgford ... ..	RODGERS, G. E. C.

## RURAL DISTRICT COUNCILS

Basford ... ..	HILL, MRS. J.
Bingham ... ..	MOORE, W. A.
East Retford ... ..	HORTON, H. E.
Newark ... ..	BROWN, DR. R. W. W.
Southwell ... ..	BROCKLEHURST, T.
Worksop ... ..	DADLEY, R. S.

## NOTTINGHAMSHIRE COUNTY COUNCIL

HEALTH DEPARTMENT,  
SHIRE HALL,  
NOTTINGHAM.

September, 1964.

TO THE CHAIRMAN AND MEMBERS OF THE NOTTINGHAMSHIRE COUNTY  
COUNCIL.

LADIES AND GENTLEMEN,

I have the honour to present my Report for the year 1963.

The vital statistics in relation to the County of Nottinghamshire are once again encouraging and show that the general health of the population is being maintained and that further improvements still have occurred. The estimated mid-year population of the County was 610,970, an increase of 8,810 on 1962. The number of live births was 11,515; 219 more than in 1962, giving a crude birth rate of 18.9 (corrected rate 18.5), the highest since 1947. The infant mortality rate was 20.1 per 1,000 live births compared with 21.1 for England and Wales, the latter figure being the lowest ever recorded. This reflects, I am sure, on the increased efficiency and integration of the midwifery services which are provided by the three branches of the National Health Service. Only by the fullest co-operation between all who work in this field can further reductions be achieved. In this connection I or my Senior Medical Officer for Maternity and Child Welfare have attended the Maternity Liaison Committee in the Nottingham area since its inception in 1960. More recently we are similarly represented



on Maternity Liaison Committees in Mansfield and Worksop. It is interesting to note that 53.5% of births in the County were in hospital in 1963 compared with 49.8% last year.

Our personal health services are active and increasing in many different ways. From the Report it will be apparent that co-operation with the Voluntary Organisations has been actively under consideration. The provision of accommodation for their meetings, the development of various services—such as chiropody for old folk, which is already carried out on an agency basis for us by the local Old People's Welfare Committees; the future development of a hospital car service in co-operation with the Women's Voluntary Service; are all being actively pursued.

The loan of Nursing Equipment and Appliances is a service which is experiencing rapid development. The total items out on loan on the 1st January, 1963, numbered 1,448 compared with 1,162 the previous year.

In 1962 a Health Visitor was attached to co-operate with a general practitioner at his Well Baby and Immunisation Clinics and to take part under his guidance in the medico-social care of his patients and in general health education in his practice. This attachment has proved most successful. I was gratified this year to receive requests by other general practitioners for Health Visitor attachment. Naturally these attachments present administrative and staffing difficulties, but working with the Local Medical Committee and with individual general practitioners it is my task to plan to overcome these trials. Patients treated in their homes have a right to demand that all who take part in their medical and nursing care should form part of a team of workers under the guidance of family doctors.

I would like to express my thanks to all who have helped in the compilation of this Report. They are too many to mention by name but I would like to single out my Deputy, Dr. R. S. Male, for his valuable help and assistance throughout the year. Dr. Male resigned from his appointment of Deputy County Medical Officer on 1st March, 1964, after being



in the employment of the County Council for over seven years. We shall miss his courteous and persuasive manner. As a gifted colleague our good wishes for the future accompany him to his new post at the Ministry of Health.

To the Chairman and Members of the Health Committee I give my best thanks for the understanding help they have given me during the past year.

I am,

Ladies and Gentlemen,

Your obedient Servant,

A. R. MARGETTS.

## SECTION II

## SUMMARY OF STATISTICS, 1963

Area in acres (land and inland water, Census 1961) .. ..	521,646
Population Census, 1961 .. .. .	591,089
Number of Households, Census 1961 .. .. .	189,679
Average number of persons per household, Census 1961 ..	3.1
Population estimated, June 1963 .. .. .	610,970
Rateable Value .. .. .	£19,668,096
Estimated product of a penny rate .. .. .	£80,051

## VITAL STATISTICS, 1963

## Mothers and Infants

	County	England & Wales
Live Births .. .. .	11,515	856,232
Live Births per 1,000 population: Crude ..	18.85	18.2
Corrected .. .. .	18.47	
Illegitimate Live Births per cent of total Live Births .. .. .	4.77	6.9
Still Births .. .. .	195	15,000
Still Births rate per 1,000 Live and Still Births	16.65	17.2
Total Live and Still Births .. .. .	11,710	871,232
Infant Deaths .. .. .	232	18,043
Infant Mortality Rate per 1,000 Live Births..	20.15	21.1
Infant Mortality Rate per 1,000 Live Births— Legitimate .. .. .	20.06	Not available
Infant Mortality Rate per 1,000 Live Births— Illegitimate .. .. .	21.86	Not available
Neo-Natal Mortality Rate per 1,000 Live Births	12.68	14.2
Early Neo-Natal Mortality Rate per 1,000 Live Births .. .. .	11.12	12.26
Peri-Natal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total Live and Still Births) .. .. .	27.58	29.3
Maternal Deaths—including abortion.. ..	7	244
Maternal Mortality Rate per 1,000 Live and Still Births .. .. .	0.60	0.28

	County	England & Wales
<b>Deaths (all ages)</b>		
Number—all causes .. .. .	6,399	572,881
Death Rate: Crude .. .. .	10.47	12.2
Corrected .. .. .	12.36	

### Tuberculosis

Number of Deaths—						
All Forms .. .. .	27	2,962				
Pulmonary .. .. .	23	2,613				
Non-Pulmonary .. .. .	4	349				
Death Rate—						
All Forms .. .. .	0.05	0.07				
Pulmonary .. .. .	0.04	0.06				
Non-Pulmonary .. .. .	0.01	0.01				

### Cancer

Number of Deaths .. .. .	1,185	102,380
Death Rate .. .. .	1.94	2.18

### Population

The estimated population of 610,970 shows an increase of 8,810 on the previous year. The biggest increase was in Southwell R.D.—1,420.

The natural increase (excess of births over deaths) was 5,116.

### County District Statistics

These are given in Tables I, II, III and IV at the end of the Report.

### Live Births

The following Table gives details for the year :—

Number of Registered Live Births			
	Legitimate	Illegitimate	Total
Male ...	5,649	279	5,928
Female ...	5,317	270	5,587
Total ...	10,966	549	11,515



**Illegitimate Births**

Year	No. of Illegitimate Births registered	Rate per 1,000 of the population	Rate per 1,000 Live Births
1953	349	0.65	40.5
1954	384	0.70	44.7
1955	335	0.61	38.4
1956	329	0.60	36.9
1957	346	0.61	36.9
1958	372	0.65	38.5
1959	421	0.73	42.3
1960	373	0.64	36.2
1961	469	0.79	44.2
1962	488	0.81	43.2
1963	549	0.90	47.7

**Principal Causes of Death**

Heart Disease .. .. .	1,987
Cancer, Malignant Disease .. .. .	1,185
Vascular Lesions of Nervous System .. .. .	959
Diseases of Respiratory System (excluding Tuberculosis) ..	834
Accidents .. .. .	221

**Infant Deaths**

Deaths of Infants under one year of age				
		Legitimate	Illegitimate	Total
Male	...	131	7	138
Female	...	89	5	94
Total	...	220	12	232

## Distribution of Still Births and of Infant Deaths

	Still Births	Under One Month	Between 1-12 Months	Total
<b>URBAN DISTRICTS</b>				
Mansfield (Borough) ...	19	17	3	39
Worksop (Borough) ...	11	6	3	20
Newark (Borough) ...	5	3	5	13
East Retford (Borough)	3	4	2	9
Arnold ... ..	5	5	2	12
Beeston & Stapleford ...	13	15	6	34
Carlton ... ..	6	7	3	16
Eastwood ... ..	5	5	3	13
Hucknall ... ..	4	5	3	12
Kirkby-in-Ashfield ...	9	10	4	23
Mansfield Woodhouse ...	15	4	2	21
Sutton-in-Ashfield ...	17	8	13	38
Warsop ... ..	6	6	2	14
West Bridgford ...	8	5	3	16
Totals for Urban Districts ...	126	100	54	280
<b>RURAL DISTRICTS</b>				
Basford ... ..	21	11	10	42
Bingham ... ..	5	5	5	15
Worksop ... ..	11	8	7	26
East Retford ... ..	9	2	1	12
Newark ... ..	5	3	1	9
Southwell ... ..	18	17	8	43
Totals for Rural Districts ...	69	46	32	147
Whole County ...	195	146	86	427

**Table of Causes of Death of Children  
Under One Year of Age**

Cause of Death	Number of Deaths			Rate per 1,000 Live Births
	Urban Districts	Rural Districts	Whole County	
Meningococcal Infections ...	—	1	1	0.09
Other Infective and Parasitic Diseases ...	1	—	1	0.09
Leukaemia, Aleukaemia ...	1	—	1	0.09
Influenza ... ..	1	—	1	0.09
Pneumonia ... ..	31	11	42	3.65
Bronchitis ... ..	2	3	5	0.43
Other Diseases of Respiratory System ...	—	1	1	0.09
Gastritis, Enteritis and Diarrhoea ... ..	3	6	9	0.78
Congenital Malformations	25	22	47	4.08
Other Defined and Ill-Defined Diseases ...	84	31	115	9.98
Accidents ... ..	6	3	9	0.78
Totals ... ..	154	78	232	20.15

### **Births and Death Rates (Corrected)**

To render the local crude birth and death rates comparable with the country as a whole it is necessary to correct them by the application of factors which compensate for differences in age and sex distribution in the local population, compared with the distribution in the country as a whole. Such factors have been furnished by the Registrar-General in respect of each of the County Districts, for the aggregates of Urban Districts and Rural Districts, and for the County as a whole.



The following table gives the crude rates for each district, the correcting factors by which the crude rates are to be multiplied and the resultant corrected rates.

DISTRICT	BIRTHS			DEATHS		
	Crude Rate per 1,000 of the Population	Area Comparability Factor	Corrected Rate per 1,000 of the Population	Crude Rate per 1,000 of the Population	Area Comparability Factor	Corrected Rate per 1,000 of the Population
<b>URBAN DISTRICTS—</b>						
Mansfield (Borough) ...	18.4	1.02	18.7	11.9	1.08	12.9
Worksop (Borough) ...	19.3	0.98	18.9	9.3	1.25	11.7
Newark (Borough) ...	17.7	1.01	17.9	11.8	1.10	12.9
East Retford (Borough) ...	18.5	0.99	18.3	13.2	0.98	13.0
Arnold ...	18.8	0.94	17.7	9.0	1.23	11.1
Beeston & Stapleford ...	18.8	0.94	17.7	9.4	1.29	12.1
Carlton ...	17.3	1.00	17.3	10.2	1.18	12.0
Eastwood ...	21.9	0.97	21.2	11.7	1.29	15.0
Hucknall ...	19.5	1.01	19.7	9.4	1.26	11.8
Kirkby-in-Ashfield ...	19.7	0.96	19.0	11.4	1.22	13.9
Mansfield Woodhouse ...	21.7	0.91	19.7	10.3	1.46	15.1
Sutton-in-Ashfield ...	17.5	1.02	17.8	11.4	1.22	13.9
Warsop ...	20.0	1.00	20.0	9.7	1.37	13.3
West Bridgford ...	16.7	0.97	16.2	13.1	0.91	11.9
Aggregate of Urban Districts ...	18.7	0.98	18.3	10.7	1.18	12.6
<b>RURAL DISTRICTS—</b>						
Basford ...	18.7	0.97	18.1	9.1	1.26	11.5
Bingham ...	20.8	0.99	20.6	11.9	0.90	10.7
Worksop ...	20.0	0.95	19.0	11.0	1.31	14.5
East Retford ...	17.4	1.02	17.8	10.1	1.06	10.7
Newark ...	18.7	0.97	18.2	9.8	1.16	11.3
Southwell ...	19.8	0.99	19.6	9.5	1.20	11.5
Aggregate of Rural Districts ...	19.3	0.98	18.9	10.0	1.16	11.6
Whole County ...	18.8	0.98	18.5	10.5	1.18	12.4
England and Wales ...	18.2	—	—	12.2	—	—

## STAFF EXAMINATIONS

During the course of the year, 1,828 individual cases were dealt with. Of this number, 90 withdrew their applications and 51 were in respect of requests from other Authorities.

A summary of the remaining 1,687 cases is as follows:

### Dealt with by submission of a Statement of Medical History

Requiring Medical Examination only .. .. .	213	
Requiring Medical and Chest X-ray Examination ..	154	
Requiring Chest X-ray Examination only .. .. .	238	
No Medical or Chest X-ray Examination required ..	369	
	<hr/>	974

### Entrants to the Teaching Profession and Training of Teachers

Entrants to Teaching Profession .. .. .	51	
Entrants to Training Colleges .. .. .	314	
	<hr/>	365

### Re-examination of Existing Staff

Fire Service .. .. .	58	
Ambulance Service .. .. .	62	
School Crossing Patrols .. .. .	133	
Requests from Employing Departments .. .. .	57	
	<hr/>	310

### Examinations carried out by General Practitioners in respect of Retained Firemen .. .. .

19

### Medical Examination of Printing Trade Apprentices

19

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 1,687
 

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Of the 974 Statements of Medical History submitted, from the information given it was decided that a medical examination was unnecessary in respect of 607 candidates (369—no examination, 238—Chest X-ray examination only).

To dispense with the possibility of having to undergo a physical medical examination, candidates for employment in the County Council's Service are required to complete a comprehensive medical history form. However, in view of the nature of the employment it is necessary, in some cases, for a medical examination to be a part of the Conditions of Service (e.g. firemen, ambulance personnel, school crossing patrols, etc.). During the course of the year, 216 medical examinations of this type were carried out.

Of the 758 remaining medical history forms received it was possible to dispense with the medical examination for 607 candidates (approximately three-quarters) and only in 151 instances were medical examinations considered to be necessary.

Dispensing with medical examinations in respect of 607 candidates meant a considerable saving of Medical Officer time.



## SECTION III

## INFECTIOUS DISEASES

The total numbers of cases of infectious diseases, other than tuberculosis, notified amongst County residents during 1963, were as follows:—

Disease	Cases notified
Scarlet Fever ... ..	207
Whooping Cough ... ..	274
Measles ... ..	9,063
Acute Poliomyelitis—paralytic ... ..	1
Acute Encephalitis—post-infectious ... ..	4
Meningococcal infection ... ..	11
Dysentery ... ..	347
Puerperal Pyrexia ... ..	13
Ophthalmia Neonatorum ... ..	4
Acute Pneumonia ... ..	147
Food Poisoning ... ..	88
Erysipelas ... ..	18
Typhoid Fever ... ..	3
Paratyphoid Fever ... ..	1

In cases where a copy of an infectious disease notification submitted in accordance with statutory requirements was passed to the County Council within 12-48 hours of receipt by a County District Council, the fee paid to the doctor concerned by the County District Council was reimbursed by the County Council.

Health Visitors were provided with details to facilitate preventive action.



## SECTION IV

**SANITARY CIRCUMSTANCES OF THE AREA****Sewerage and Sewage Disposal**

It is evident that Rural District Councils are pressing forward with their sewerage and sewage disposal schemes.

As the number increases the problem of maintenance has to be faced, and mobile squads have proved to be the answer in most cases.

**New Works and Improvements**

## MANSFIELD M.B.

The improvement of the Mansfield Sewage Works was continued but not completed owing to mining subsidence.

## EAST RETFORD M.B.

A new Sewage Disposal Works is in course of construction—estimated date of completion, December 1964.

## BEESTON AND STAPLEFORD U.D.

Work is still proceeding on the Beeston Sewage Works Extension and the Stapleford Sewage Works Extensions have been completed.

## CARLTON U.D.

Extensions of sewers:

Surface water	..	..	..	..	180 yards
---------------	----	----	----	----	-----------

## EASTWOOD U.D.

Sewers extended for approximately 1,830 yards to serve new development.

## KIRKBY-IN-ASHFIELD U.D.

The reconstruction of the Sewage Works was completed. Sewers were extended to serve new development.

## MANSFIELD WOODHOUSE U.D.

Extensions of sewers:

Surface water	..	..	..	..	1,000 yards
Foul water	..	..	..	..	1,174 yards
Improvements to existing sewers	..	..	..	..	300 yards

Extensions to the Sewage Works were commenced and would be completed in 1964.

## SUTTON-IN-ASHFIELD U.D.

## Extensions of sewers:

Surface water	..	..	..	..	496 yards
Foul water	..	..	..	..	774 yards
Combined	..	..	..	..	577 yards

Schemes are in preparation for the reconstruction of the Unwin Road and the Huthwaite Sewage Works.

## WARSOP U.D.

## Extensions of sewers:

Surface water	..	..	..	..	4,709 yards
Foul water	..	..	..	..	4,777 yards

## WEST BRIDGFORD U.D.

The contract for the provision of new outfall sewers, pumping stations and rising main continued during the year. The old sewage disposal works should be abandoned during 1964 when the district sewage will be pumped across the River Trent to connect with the Nottingham City outfall sewers.

## BASFORD R.D.

Normanton-on-Soar.—Laying of sewers.

Sutton Bonington.—Construction of new Sewage Works.

Lambley.—Laying of sewers—sewage will be pumped to Burton Joyce.

Calverton.—Plans prepared for extensions to Sewage Works.

Woodborough.—New drainage scheme prepared.

East Leake, West Leake, Rempstone and Wysall.—Plans prepared for extensions to Sewage Works at East Leake to enable village sewerage schemes to be carried out in their Parishes.

## BINGHAM R.D.

Radcliffe-on-Trent.—Sewage Works are being extended and sewers increased in size.

Cotgrave.—Sewers almost completed and drainage connections are being made. The Sewage Works are now in use.

## EAST RETFORD R.D.

Misterton, Walkeringham and Beckingham Sewerage Scheme completed during the year.

Ranskill and Torworth Sewerage and Sewage Disposal Scheme also completed during the year.

Elkesley Sewage Disposal Works.—Reconstruction and enlargement completed, together with the provision of main sewers at Elkesley.

Clarborough and Hayton Sewerage Disposal Scheme was commenced during 1963.



## WORKSOP R.D.

## Extensions of sewers:

Surface water	..	..	..	..	267 yards
Foul water	..	..	..	..	405 yards

Harworth Sewage Disposal Works.—Scheme for enlargement and improvement completed during the year.

Oldcotes Sewerage Scheme.—The laying of sewers throughout the village of Oldcotes and the erection of a pumping station and ancillary works was completed during the year.

Styrrup Sewerage Scheme.—The scheme for the laying of sewers throughout the village of Styrrup and the erection of a pumping station was due to commence in 1964.

Hodsock Sewage Disposal Works.—The construction of extensions has proceeded throughout the year.

## NEWARK R.D.

The Barnby Sewage Works were brought into use and the Elston, East Stoke and Syerston scheme was commenced.

## SOUTHWELL R.D.

The Ollerton, Boughton and Kirton Sewerage Scheme was commenced during the year.

**Ministry of Housing and Local Government Enquiries**

Schemes which were the subject of investigation at which the Department was represented:—

*Southwell Rural District Council, 12th December 1963.*

Parish of Southwell.

Proposed scheme of sewerage and sewage disposal.

*Engineering Inspector: Mr. J. H. Abbott.*

**Work of the County Health Inspector**

The following is a summary of the principal work undertaken by the County Health Inspector during the year:—

Investigations concerning public water supplies..	..	..	26
Investigation of complaints concerning housing circumstances and other matters received from Health Visitors, County residents, etc.	..	..	74
Investigations into environmental circumstances generally including interviews with Officers of County District Councils	..	..	275



## **Water Supply**

The last report referred to the formation of the first Water Board affecting the County, namely the Lincoln & District Water Board.

The second to be established, the Central Nottinghamshire Water Board became operative on the 1st October, 1963.

Included in its area are the Boroughs of Mansfield, Newark and Worksop, the Urban Districts of Kirkby-in-Ashfield, Mansfield Woodhouse, Sutton-in-Ashfield and Warsop, and the Rural Districts of Newark, Southwell and Worksop.

Six hundred and seventy-six samples were taken during the year by Officers of District Councils.

Extensions of water mains were carried out in Mansfield M.B. (3,895 yards); Worksop M.B. (3,617 yards); Newark M.B. (481 yards); East Retford M.B. (822 yards); Carlton U.D. (4,576 yards); Eastwood U.D. (1,044 yards); Kirkby-in-Ashfield U.D. (979 yards); Mansfield Woodhouse U.D. (943 yards); Sutton-in-Ashfield U.D. (830 yards); Warsop U.D. (9,034 yards); Worksop R.D. (889 yards); Newark R.D. (250 yards) and Southwell R.D. (1,997 yards).

## **Fluoridation of Water Supplies**

The County Council have accepted the principle of the fluoridation of water supplies as a desirable health measure, and preliminary discussions have taken place with Officers of the Central Nottinghamshire Water Board which administers the water supply for a major portion of the County.

## **Food Hygiene**

A number of authorities which were in the forefront in promoting the aims of the Food Hygiene Regulations by public lectures and demonstrations appear to be turning their attention to the more personal approach to managements and personnel during routine visits.

There are distinct advantages in discussing the subject with individuals on their own ground and this approach may well prove to be more fruitful in the long run.

## **Air Pollution**

It is pleasing to note the continued progress of a number of local authorities towards their declared goal of a relatively smoke-free area by a succession of smoke control areas.

During the year under review, other County District Councils not yet committed to a long-term programme gave serious thought to initiating their first scheme. The absence of any forward move by the end of the year appears to have been due to their doubts as to the availability of the necessary smokeless fuels and partly to the concessionary coal issue which remains largely unresolved.

This was the authority's first year as a co-operating body playing a practical role in the National Survey of Air Pollution. The two instruments being operated were sited in positions specially requested by the Department of Scientific and Industrial Research and in this respect their contribution is regarded as of particular value.

A close liaison with the Central Electricity Generating Board on this subject was established during the year between Officers of the Board and of County District Councils in which power stations are sited.

Two meetings during the year on the subject of air pollution and the National Survey were regarded as useful to all concerned.

The Board maintains a survey through a series of monitoring sites around the power stations and the results are made available to adjacent local authorities.

### **Refuse Collection**

A once weekly collection seems to be the aim of most local authorities and it is notable that this is also the objective in the more widespread rural areas.

Final disposal on land has now become almost universal, carrying with it the constant need for suitable areas of land for future use.

Several authorities report that during the year they have acquired by purchase or through other arrangements, disused quarries and other low lying land which they are now free to use and ultimately to reinstate to the level of the surrounding ground.

There is also an indication that the choice of new vehicles now leans towards the type which eliminates the spread of dust during loading and transport most successfully.



### Housing—Improvements by aid of Grant

The number of houses improved with the aid of Grants by the District Councils during 1963 were as follows :—

District	By Standard Grants	By Discretionary Grants	Total Number Improved
Mansfield M.B. ... ..	72	—	72
Worksop M.B. ... ..	50	13	63
Newark M.B. ... ..	41	13	54
East Retford M.B. ... ..	30	2	32
Arnold U.D. ... ..	23	4	27
Beeston and Stapleford U.D. ...	54	11	65
Carlton U.D. ... ..	77	8	85
Eastwood U.D. ... ..	14	1	15
Hucknall U.D. ... ..	61	5	66
Kirkby-in-Ashfield U.D. ...	36	1	37
Mansfield Woodhouse U.D. ...	24	1	25
Sutton-in-Ashfield U.D. ...	72	10	82
Warsop U.D. ... ..	18	—	18
West Bridgford U.D. ... ..	12	5	17
Basford R.D. ... ..	86	37	123
Bingham R.D. ... ..	53	49	102
East Retford R.D. ... ..	56	29	85
Worksop R.D. ... ..	11	5	16
Newark R.D. ... ..	15	22	37
Southwell R.D. ... ..	39	30	69
Totals	844	246	1,090



### Milk Sampling by County Officers

The following is a summary of the work carried out under this heading during the year. It has been possible to continue the supply of pasteurised milk to all Schools and the samples obtained from this source were subjected to the Phosphatase test, and Methylene Blue Test.

Type of Sample	Collected by	Samples Submitted	No. of Farms Involved	No. of Cows Involved	†Samples not Tested	Result of Biological Examination	
						Negative	Positive
Mixed Herds	Milk Samplers	446	1,148	18,456	11	435	—
School Milks	County Health Inspector	107	Phosphatase Test		102	Methylene Blue Test	
			Con-forming to standard	**Not conforming to standard		**Not conforming to standard	*Not Tested
			107	—	102	—	5

\* Samples "not tested" are those which in accordance with the provisions of the Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations were not submitted to the Methylene Blue Test as the atmospheric shade temperature exceeded 65°F

\*\* A sample which does not conform to the required standard is subjected to investigation.

† The relatively high number of samples not tested was due to the premature death of the guinea pigs before any evidence of tuberculosis could be detected.

## SECTION V

## (a) CLINICS AND TREATMENT CENTRES

The table which follows shows the various Clinics and Centres in operation in the County and the figures shown opposite each place indicate the number of sessions held under each heading per month of four weeks.

SITUATION OF CLINIC OR CENTRE	Maternity and Child Welfare	Ante- and Post- Natal	School Clinic	Dental
East Retford M.B.				
Market Square ... ..	10	*	8	16†
Ordsall ... ..	4	—	—	—
Mansfield M.B.				
St. John's Street ... ..	8	—	—	—
Abbott Road ... ..	8	—	4	—
Hermitage Avenue ... ..	12	—	4	—
Pleasley ... ..	4	—	—	—
Pleasley Hill ... ..	—	—	4	—
Redcliffe House ... ..	—	—	4	26
St. Lawrence ... ..	8	—	—	—
Newark M.B.				
The Friary ... ..	8	4	4	28
Hawtonville ... ..	8	—	4	—
Worksop M.B.				
Carlton Road ... ..	12	—	—	—
Manton ... ..	6	—	—	—
Watson Road ... ..	—	—	8	10
Arnold U.D.				
Arnot Hill ... ..	12	—	8	16
Front Street ... ..	4	—	—	—
Plains Road... ..	4	—	—	—
Beeston & Stapleford U.D.				
Dovecote Lane ... ..	8	4	8	40
Bramcote ... ..	2	—	—	—
Inham Nook ... ..	8	*	—	—
Stapleford ... ..	8	2	8	16
Toton ... ..	4	—	—	—

\* Facilities available for ante- and post-natal work to be undertaken at the sessions of the Child Welfare Centre attended by a Medical Officer.

† Includes Evening Sessions.

SITUATION OF CLINIC OR CENTRE	Maternity and Child Welfare	Ante- and Post- Natal	School Clinic	Dental
Carlton U.D.				
Park House ... ..	12	4	4	32
Parkdale ... ..	4	—	—	—
Porchester ... ..	8	2	—	—
Standhill Road ... ..	4	—	—	—
Eastwood U.D.				
Devonshire Drive ... ..	4	4	8	4
Hucknall U.D.				
Watnall Road ... ..	12	4	8	4
Ruffs Estate ... ..	4	—	—	—
Kirkby-in-Ashfield U.D.				
Urban Road ... ..	8	2	4	—
Mansfield Woodhouse U.D.				
Adult School ... ..	10	—	4	—
Forest Town ... ..	4	—	4	—
Sutton-in-Ashfield U.D.				
Forest Street ... ..	8	6	—	—
Huthwaite ... ..	4	—	8	—
Lawn House ... ..	—	—	8	4
Skegby ... ..	4	—	—	—
Warsop U. D.				
Town Hall ... ..	10	—	4	—
Warsop Vale ... ..	2	—	—	—
Welbeck C.V. ... ..	2	—	—	—
West Bridgford U.D.				
Millicent Road ... ..	4	—	4	40
Alford Road ... ..	4	2	—	—
Boundary Road ... ..	4	—	—	—
Melton Road ... ..	8	4	—	—



SITUATION OF CLINIC OR CENTRE	Maternity and Child Welfare	Ante- and Post- Natal	School Clinic	Dental
Basford R.D.				
Awsorth ... ..	2	2	—	—
Bestwood ... ..	2	*	—	—
Brinsley ... ..	4	*	—	—
Bunny ... ..	2	—	—	—
Burton Joyce ... ..	4	—	—	—
Calverton ... ..	8	*	4	—
East Leake ... ..	2	2	—	—
Gotham ... ..	2	*	—	—
Jacksdale ... ..	4	—	—	—
Kimberley ... ..	4	4	4	—
Lambley ... ..	2	*	—	—
Newstead ... ..	4	2	—	—
Nuthall ... ..	2	*	—	—
Papplewick ... ..	2	*	—	—
Ruddington ... ..	4	2	—	—
Selston ... ..	2	2	2	—
Sutton Bonington ... ..	2	*	—	—
Trowell ... ..	4	*	—	—
Willoughby ... ..	2	*	—	—
Woodborough ... ..	2	*	—	—
Bingham R.D.				
Bingham ... ..	4	2	—	—
Cotgrave ... ..	2	*	—	—
Cropwell Bishop ... ..	2	*	—	—
East Bridgford ... ..	2	*	—	—
Hickling ... ..	2	*	—	—
Keyworth ... ..	4	—	—	—
Langar ... ..	2	*	—	—
Plumtree ... ..	2	*	—	—
Radcliffe-on-Trent ... ..	4	*	—	—

\* Facilities available for ante- and post-natal work to be undertaken at the sessions of the Child Welfare Centre attended by a Medical Officer.

SITUATION OF CLINIC OR CENTRE	Maternity and Child Welfare	Ante- and Post-Natal	School Clinic	Dental
<b>East Retford R.D.</b>				
Dunham-on-Trent... ..	2	*	—	—
Gringley-on-the-Hill ... ..	2	*	—	—
Mattersey ... ..	2	*	—	—
Misterton ... ..	4	*	—	—
Ranskill ... ..	2	*	—	—
South Leverton ... ..	2	*	—	—
Tuxford ... ..	4	*	—	—
<b>Newark R.D.</b>				
Balderton ... ..	8	*	—	—
Coddington ... ..	2	—	—	—
Collingham... ..	2	*	—	—
Farndon ... ..	2	*	—	—
Kilvington ... ..	2	*	—	—
Syerston ... ..	2	*	—	—
<b>Southwell R.D.</b>				
Bilsthorpe ... ..	4	*	4	—
Blidworth ... ..	4	*	—	—
Clipstone ... ..	4	—	—	—
Edwinstowe ... ..	4	*	—	—
Larch Farm... ..	2	—	—	—
Lowdham ... ..	4	—	—	—
North Muskham ... ..	2	*	—	—
Ollerton ... ..	8	*	4	16
Rainworth ... ..	8	*	—	—
Southwell ... ..	4	*	—	—
Sutton-on-Trent ... ..	2	*	—	—
<b>Worksop R.D.</b>				
Blyth ... ..	2	*	—	—
Carlton-in-Lindrick ... ..	6	—	—	—
Harworth ... ..	8	4	8	8
Langold ... ..	4	*	4	—
Welbeck ... ..	2	*	—	—
<b>The County Clinic</b>				
Clarendon Street, Nottingham ...	—	—	—	40†

\* Facilities available for ante- and post-natal work to be undertaken at the sessions of the Child Welfare Centre attended by a Medical Officer.

† Includes Evening Sessions.

## **(b) NURSING HOMES**

No new Nursing Homes were registered during the year but applications from the Keepers of two Nursing Homes who wished to increase their approved accommodation, i.e., Ebor Nursing Home from ten to thirteen chronic cases and Hillside Nursing Home from seventeen to nineteen cases, were granted.

At the end of the year there were seven registered Nursing Homes providing a total of one hundred and nineteen beds, i.e., 43 Surgical or Medical and 76 Medical or Chronic.

## **SECTION VI**

### **SERVICES PROVIDED UNDER THE NATIONAL HEALTH SERVICE ACTS**

#### **Co-operation with Voluntary Organisations**

A Conference of Voluntary Organisations was convened by the Health Committee in May, 1963, and was attended by representatives of twenty-three Organisations providing voluntary service for persons who are also the concern of the Statutory Local Health Services. Discussion centred on two main aspects—the availability of premises for voluntary activities, and public awareness of voluntary provision.

The Authority's willingness was reiterated to make accommodation available at negligible or no charge for periodic meetings and other activities, and arrangements have now been made for a register to be compiled of premises owned or used by Voluntary Organisations which other Organisations might also use.

Many representatives were concerned at the lack of knowledge regarding the activities and scope of their respective Organisations amongst those members of the public who would in fact derive benefit for themselves or relatives. As a result, arrangements are in hand for the issue of a supplement to the Health Committee's 'Guide to the Health Service' which has a wide circulation. This will give detailed information of the aims of each Organisation, their activities, and the names and addresses of Officers to whom enquiries should be made, and will be incorporated in future issues of the Guide.

Representatives expressed appreciation for the opportunity to meet other workers in Statutory and Voluntary fields and there appears to be every prospect of developing and perhaps co-ordinating voluntary effort in this County.



Following the Conference, discussions have taken place with representatives of a number of Organisations concerning their particular problems, while discussions have also been initiated with representatives of the Women's Voluntary Services, St. John Ambulance Brigade and British Red Cross Society as to the response of their members to participate in a Hospital Car Service.

Further Conferences will be convened at such frequency as developments indicate to be necessary.

### HEALTH CENTRES (Section 21)

There is no Health Centre in the County providing comprehensive services to the full extent laid down in Section 21 of the National Health Service Act, 1946. Nevertheless, the Clinics provide accommodation and general facilities for vaccination and immunisation, dental treatment, speech therapy, physiotherapy, child guidance, chiropody and general health education, and several of the newer ones are being used as surgeries by general practitioners.

### CARE OF MOTHERS AND YOUNG CHILDREN (Section 22)

#### Ante-Natal and Post-Natal Clinics

Facilities for the medical examination of expectant mothers and post-natal cases are available at sixty-two Centres throughout the County. At nineteen Centres the attendances were sufficiently large to warrant separate sessions being held for ante-natal and post-natal cases, but in forty-three centres in the more rural areas this work is undertaken during the Child Welfare Sessions attended by a Medical Officer.

Percentage of cases attending these sessions compared with the total number of births in the area .. .. .	Ante-Natal	Post-Natal
.. .. .	18.32	3.25
Attendances—		
First attendances during 1963 .. .. .	2,138	380
Total attendances .. .. .	9,416	452
Medical Consultations .. .. .	8,851	444

The tendency of expectant mothers to seek ante-natal care from their general medical practitioners continued and at the following Clinics

the attendances fell to such an extent as to render the continuance of separate ante-natal sessions unnecessary:

Clinic	Date Sessions discontinued
Bilsthorpe .. .. .	13th December
Blidworth .. .. .	27th May
Langold .. .. .	27th November
Ollerton .. .. .	30th January
Radcliffe-on-Trent .. .. .	1st January
Rainworth .. .. .	27th May
Retford .. .. .	13th February

### Consultant Services

Number of expectant mothers referred by Medical Officers to Consultant Obstetricians at Hospital Out-Patient Departments .. .. .	158
Number of cases referred for X-ray examination for the diagnosis of abnormalities of pregnancy .. .. .	10

### Routine Chest X-ray Examinations of Expectant Mothers

Formal arrangements are in operation for expectant mothers to be referred as a routine practice for chest X-ray examinations to Nottingham No. 1 Mass Radiography Unit, and the X-ray Departments of the King's Mill and Newark Hospitals, and every mother attending the Council's Ante-Natal Clinics is given an opportunity to attend.

The number of expectant mothers who attended the Nottingham Unit was 412 and I am indebted to Dr. A. E. Beynon, the Medical Director, for the following report: —

"Three cases of active pulmonary tuberculosis were discovered among these expectant mothers as compared with two in 1961 and two in 1960 and I would point out that in the latter two years the attendance for X-ray was much larger. In addition, four cases were referred for further investigation for assessment of activity and subsequently discharged as the lesions were either healed or quiescent.

"Three Cardiac abnormalities were discovered in this group and a further twenty-eight cases had abnormalities of sufficient importance to be worthy of record."

These arrangements are, at present, limited to mothers resident in the southern and central parts of the County. It has not yet been possible to extend the facility to the northern area owing to difficulties connected



with accommodation and staffing at the Retford and Worksop Hospitals which at the moment only permit cases in which there is a clinical reason for a chest X-ray to be dealt with. It is understood that facilities for routine examinations will be included in the proposed development of Kilton Hospital.

### Relaxation Instruction for Expectant Mothers

Number of Centres at which Courses are provided .. .. .	32
Number of expectant mothers who attended .. .. .	2,442
Total attendances made .. .. .	13,876

This instruction is available to all expectant mothers irrespective of whether or not they are in attendance at a County Ante-Natal Clinic, provided that in the latter case they are referred by their own doctor.

### Provision of Sterilised Maternity Outfits and Pads

Number of outfits issued on certificate of health visitor or midwife .. .. .	6,442
Number of packets of pads issued for cases discharged from hospital shortly after delivery .. .. .	101

### Local Maternity Liaison Committees

The Local Maternity Liaison Committees established in 1960 on the recommendation of the Cranbrook Committee in conjunction with the Nottingham No. 2 and the Worksop and Retford Hospital Management Committees continued their activities during the year and a further Committee has been formed in February, 1964, in conjunction with the Mansfield Hospital Management Committee, which places on an official basis the previous excellent though informal arrangements for liaison between the various bodies concerned with the maternity services. The purpose of these Liaison Committees, which have a professional membership, is to ensure that local provisions for maternity care are utilised to the best advantage.

### Maternity Hospital Accommodation

Applications received for admission on sociological grounds—	
From general medical practitioners .. .. .	1,344
From ante-natal clinics .. .. .	191
	————— 1,535
Cases referred to hospital .. .. .	1,284
Applications withdrawn .. .. .	180
Applications which could not be supported .. .. .	71
	————— 1,535
Cases referred to hospitals on account of abnormalities ascertained at ante-natal clinics	158



### Family Planning

Advice on this subject is afforded at the Family Planning Association's Clinics at Mansfield, Nottingham, Newark and Worksop.

### Maternal Deaths

Number of maternal deaths which occurred during the year	7
Location—Retford Borough .. .. .	1
Sutton-in-Ashfield Urban District .. ..	1
Kirkby-in-Ashfield Urban District .. ..	1
Mansfield Woodhouse Urban District .. ..	2
East Retford Rural District .. .. .	1
Southwell Rural District .. .. .	1

### Premature Births

The Table on page 34 gives details of the premature births which occurred during the year, classified under birthweights in accordance with the international standard used by the World Health Organisation.

The services of a pædiatrician are available if required for babies born at home, as is also any additional nursing attention which may be necessary, together with the loan of equipment, including special cots.

### Stillbirths and Infant Deaths

During the year 1963, there were 146 deaths during the first twenty-eight days of life and 195 stillbirths. There were 128 deaths within seven days of birth and the perinatal death rate for the administrative County was 27.58.

Weight at birth	PREMATURE LIVE BIRTHS											PREMATURE STILL-BIRTHS		
	Born in Hospital			Born at home or in a Nursing Home				Transferred to Hospital on or before 28th day				Born		
	Died			Died		Died		Died		Died		In hospital (13)	At home or in a nursing home (14)	
	Total births (1)	Within 24 hours of birth (2)	In 1 and under 7 days (3)	In 7 and under 28 days (4)	Total births (5)	Within 24 hours of birth (6)	In 1 and under 7 days (7)	In 7 and under 28 days (8)	Total births (9)	Within 24 hours of birth (10)	In 1 and under 7 days (11)			In 7 and under 28 days (12)
2 lb. 3 oz. or less (1,000 gms. or less)	31	20	9	1	1	—	—	—	2	2	—	—	20	2
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz. (1,001 to 1,500 gms.)	64	15	13	1	—	—	—	—	3	2	—	—	37	4
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz. (1,501 to 2,000 gms.)	124	7	10	—	2	—	—	—	13	1	2	—	26	5
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz. (2,001 to 2,250 gms.)	136	2	3	—	19	—	—	—	5	—	—	—	12	3
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz. (2,251 to 2,500 gms.)	247	2	1	4	131	—	—	—	7	—	1	—	9	2
TOTALS	602	46	36	6	153	—	—	—	30	5	3	—	104	16

## CAUSES OF NEO-NATAL DEATHS

Main Causes of Death	Total	Born at Home Died at Home	Born at Home Died in Hospital	Born in Hospital Died in Hospital	Sex		Premature	Age at Death		
					Male	Female		Under 24 hours	1-7 days	7-28 days
Congenital Malformations ... ..	25	3	7	15	12	13	5	11	8	6
Prematurity ... ..	63	—	5	58	31	32	63	36	25	2
Atelectasis and Anoxia ... ..	18	3	3	12	12	6	9	10	8	—
Birth Hazards ... ..	4	2	—	2	3	1	—	1	3	—
Infection—Respiratory ... ..	15	2	2	11	6	9	3	6	5	4
“ Other ... ..	1	—	—	1	1	—	1	—	—	1
Other Causes ... ..	20	3	3	14	18	2	4	7	8	5
TOTAL ... ..	146	13	20	113	83	63	85	71	57	18

Twenty deaths accompanied twin deliveries.

Three deaths accompanied a triplet delivery.



## Child Welfare Centres

New Clinics were opened during the year at Calverton, on 25th March, and at West Bridgford (Millicent Road), on 22nd October, and further new Clinics were nearing completion by the end of the year at Forest Town and Ollerton. The West Bridgford Clinic is an adapted building and includes a dual dental suite; the other three buildings are of the County Council's Standard Type Clinic.

Two subsidiary Child Welfare Centres were opened in hired premises during the year at Bramcote and Welbeck, the latter being in place of a Centre previously held in Cuckney but which had to be closed owing to the breakdown of the heating arrangements. Centres which were closed for the same reason were Beauvale and Mansfield (Brownlow Road); special sessions were provided at the neighbouring Eastwood Clinic for the Beauvale mothers and the Brownlow Road mothers were transferred to the purpose-built Clinic at Abbott Road. The subsidiary Clinics at Chilwell Depot and Calverton Institute were closed following the opening of the Chilwell (Inham Nook) and Calverton purpose-built Clinics. The following subsidiary Clinics were transferred to other more suitable hired premises during the year:—

Blyth	Misterton
Farndon	Pleasley

At Keyworth and Ruddington, the Centres were transferred to General Practitioners' surgeries as a further step towards co-ordination of the Local Authority and the General Practitioner Services.

Details of work undertaken at the Child Welfare Centres is as follows:—

Number of Centres operating at the end of the year..	97
Number of sessions held per month .. .. .	446

### ATTENDANCES AND MEDICAL CONSULTATIONS

First attendances during year Children born in			Total attendances during year	Medical Consultations
1963	1962	1958/61		
8,054	7,023	8,751	168,295	40,108

## Supply of Dried Milk and other Nutrients

A wide range of welfare foods is available for sale at all the Centres and, in addition, a variety of nutrients and certain simple medicaments are provided for free issue.

Both sales and free issues are subject to the recommendation of the Medical Officer at the Centre.

### Welfare Foods Service

The distribution of Welfare Foods (National Dried Milk, Cod Liver Oil, Vitamin Tablets and Orange Juice) has continued smoothly throughout the year under review upon the same lines as previously. The following table gives the extent of issues of all products during the twelve months ended 31st December, 1963, and for the previous three years.

Year	National Dried Milk Tins	Cod Liver Oil Bottles	A. & D. Tablets Packets	Orange Juice Bottles
1963	62,892	12,225	15,297	124,027
1962	68,854	12,273	16,755	108,658
1961	72,203	22,777	24,922	159,927
1960	93,590	32,465	31,362	248,473

The marked reduction in the demand for Cod Liver Oil, Vitamin Tablets and Orange Juice can be attributed largely to the Government decision, which came into operation on 1st June, 1961, to make an economical charge for these products. No noticeable decline in the health of children attending Child Welfare Centres has, however, been noted as a result.

The current trend of consumption can be seen more clearly when the figures for 1963 are divided into Quarterly issues:—

Quarter ended	National Dried Milk Tins	Cod Liver Oil Bottles	A. & D. Tablets Packets	Orange Juice Bottles
28th December, 1963	15,335	3,416	3,966	29,205
25th September, 1963	15,660	2,589	3,720	33,297
29th June, 1963	15,986	2,572	3,596	33,463
30th March, 1963	15,911	3,648	4,015	28,062
	62,892	12,225	15,297	124,027

The number of Distribution Centres in operation at the end of the year was 128, of which 98 were County Council Centres and 30 voluntary Centres. The situation of the Centres as between Urban and Rural Districts was as follows:—

	In Urban Districts	In Rural Districts	Total
County Council Centres .. ..	41	57	98
Voluntary Centres .. .. .	3	27	30

Five Centres were closed during the year—the voluntary Centres at Bramcote and Winthorpe R.A.F., and the County Council Centres at Beauvale, South Clifton and Brownlow Road, Mansfield, whilst two new Centres were opened at Bramcote and Millicent Road (West Bridgford).



A considerable number of voluntary workers have participated in the Service, both in the running of the purely voluntary distribution Centres and also assisting with the work at other Centres. I am indebted to them for the very good service they have so willingly undertaken during the year.

### The Pre-School Child

The scheme for the ascertainment and follow-up of defects in children under school age was continued, children requiring treatment being referred to the National Health Services in those cases where the arrangements could not be made directly by this Department under the Authority's established schemes. Included in the latter category were the following:—

Enlarged Tonsils and/or Adenoids					
Operations performed	..	..	..	..	76
Orthopaedic Conditions					
Pre-school children referred to Orthopaedic Clinics	..	..	..	..	14

### Paediatric Service

Paediatric Clinics are held at the County Clinic, Clarendon Street, Nottingham, and at the Mansfield and Worksop School Clinics. The Clinics are attended by Dr. A. C. Blandy and Dr. M. Eastwood, Consultant Paediatricians, by arrangement with the Sheffield Regional Hospital Board. Dr. Blandy also deals with cases by special arrangement at the Newark Hospital.

Pre-school children referred by Assistant County Medical Officers to these Clinics during 1963 were as follows:—

		Mansfield	Nottingham	Worksop	Total
New Cases	.. ..	11	20	9	40
Total Attendances	..	47	72	21	140

### Defective Vision and Squint

The fourteen Ophthalmic Clinics operating in the County are attended by Ophthalmic Consultants under arrangements made with the Regional Hospital Board. Children found at the Child Welfare Centres to have visual defects are referred by the Medical Officers to these Clinics and during the year, 1,025 pre-school children were examined by the Consultants. Spectacles were prescribed in 152 cases and were obtained through the normal channels of the National Health Service.



### Routine Hearing Testing of Pre-School Children

This Scheme continued to make excellent progress during the year, thanks to the indefatigable efforts of Mr. Grossman, Teacher of the Deaf, and the valuable co-operation of all concerned in the ascertainment and referral of children for investigation at the Hearing Clinic, i.e. Health Visitors and Medical Officers at the Child Welfare Centres, General Practitioners and Consultant Otologists.

The work of the staff of the Hearing Clinic, so far as pre-school children were concerned, may be summarised as follows:—

Old cases brought forward	..	..	..	..	85
New cases referred	..	..	..	..	59
				—	144
Cases discharged from further attendance	..	..			52
Cases under observation at end of year	..	..			92

With the co-operation of the Education Committee, who kindly made Eaton Hall Teachers' Training College available for the purpose, two residential courses, each of one week's duration, were arranged during the Easter and Summer vacations. Thirteen children and their mothers were accommodated at these Courses and the results were highly successful.

The objects of the Courses are:—

- (a) to provide the mother with an opportunity to learn about and understand the problems of deafness;
- (b) to teach parents how to help children to start to acquire language, and
- (c) to provide an opportunity to make as full an assessment as possible of each child's hearing and his or her ability to learn.

Two similar Courses are being held in 1964 and I would take this opportunity of expressing thanks to the specialist speakers who have given talks to mothers, all members of the staff involved and, in particular, to Mr. E. L. Ableson, the Principal of the College, and his staff whose valued co-operation helped to make this venture so successful.

### Day Nurseries

The six Day Nurseries were continued during the year with the exception of the Newark Nursery which was closed on the 25th October in view of the persistent low attendance. No undue difficulty was experienced by the mothers in making suitable alternative arrangements and for the two cases coming under the category of "social need" assistance was afforded under the County Council's Daily Minder Scheme referred to later in this report.

The average daily attendances during the year at the Day Nurseries were as follows:—

Nursery	Number of Places	Average Daily Attendance		
		Under 2 years	2-5 years	Total
Beeston .. .. .	50	10	19	29
Bull Farm .. .. .	40	3	17	20
Carlton .. .. .	26	6	11	17
Newark* .. .. .	40	2	7	9
Stapleford .. .. .	50	4	13	17
West Bridgford ..	25	5	11	16

\* Up to 25th October

### Nursery Nurses' Training

The arrangements with the Nottingham Education Committee for the training of Nursery Nurses continued. Under these arrangements the girls receive their theoretical instruction at the Nottingham Nursery Nurse Training Centre, Forest Road, and their practical training at the Day Nurseries.

Practical training is also afforded at the Bull Farm Day Nursery, Mansfield, for students attending the Nursery Nurse Training Courses provided at the Violet Markham School, Chesterfield.

### Daily Minder Service

This scheme was introduced towards the end of the year for the purpose of ensuring the proper care of children in cases coming within certain categories, i.e.,

- (a) Mother obliged to work—widowed, unmarried, separated or prolonged illness of husband.
- (b) Father caring for children—Mother dead, not living at home or not able to look after child by reason of prolonged illness.
- (c) Any other special case approved by the County Medical Officer, subject to report to Committee.

Suitable women who are approved to undertake the duties of a Daily Minder are paid at the rate of 8/- per day (4/- per half-day); the parent being required to contribute a minimum of 3/- per day (1/6 per half-day), or such greater sum as may be assessed, and the County Council paying the balance at monthly intervals.



As indicated in the paragraph regarding Day Nurseries, it was possible to apply this service to the two cases of social need affected by the closure of Newark Nursery, but apart from being available for similar cases in the event of further Day Nursery closures, it is, of course, a whole county service and not limited to a few districts as are the Day Nurseries.

### Scheme for Registered Daily Guardians

Women registered as Daily Guardians receive into their own homes not more than two children during the day whilst the mother is at work. In addition to the payment made by the mother, a Daily Guardian receives an allowance of 4/- per week from the County Council. The Health Visitors inspect the homes prior to registration and also undertake subsequent supervision. The cases dealt with during the year are shown in the following Table:—

Cases on Register at 1st January, 1963 .. ..	5
New cases approved .. .. .	7
Cases discontinued .. .. .	2
Cases on Register at 31st December, 1963 ..	10

### Nurseries and Child Minders Regulation Act, 1948

The Daily Guardian scheme referred to above only applies in cases where the numbers of children cared for does not exceed two. Cases where there are three or more children, not related to the person undertaking the care of the children, are dealt with under this Act.

	Child Minders	Nurseries
Number of Registrations at 1st January, 1963.. ..	13	2
Registrations approved during the year .. .. .	16	5
Registrations relinquished ..	3	—
Number of Registrations at 31st December, 1963 .. ..	26	7
	By Child Minders in their own homes	In Registered Nursery Premises
Maximum number of children to be cared for .. .. .	241	196

### Boarded-Out Children and Children placed for Adoption

At the request of the Children's Officers (City and County), the Health Visitors submitted special reports in respect of 142 proposed adoptors and forty-one foster-parents.



## Health of Children

### Break-up of Families

The Children's Officer is the appointed co-ordinating officer for the purpose of arranging case conferences on difficult families. At her request, the County Health Department was represented at these conferences by the appropriate officer concerned, e.g., Medical Officer, Health Visitor, Almoner, District Home Help Organiser, etc.

The Health Visitors also assisted in the rehabilitation of families afforded temporary accommodation in the Welfare Committee's Residential Establishments.

## DENTAL CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE

The amount, and also the scope, of dental treatment carried out for expectant and nursing mothers, and children under school age, were once again seriously curtailed by the continued shortage of Dental Officers.

It is a natural procedure to compare the inspection and treatment statistics of the year under review with those of the preceding year, but owing to the fact that for the year 1963 the Ministry of Health introduced some changes in classification, it follows that as far as the 1963 statistics are concerned, the usual comparisons with preceding years cannot fairly be made.

### Expectant and Nursing Mothers

During 1963, the number of expectant or nursing mothers who received a dental inspection by a Dental Officer was 819. Of this number, 686 commenced a course of dental treatment during the year and in 609 cases the courses of treatment were completed. At the end of the year 126 women were either awaiting the completion of a course of treatment or the commencement of a new course. The details of the treatment carried out are given in the combined table shown later in this report.

### Children Under School-age

The pressing need for a comprehensive dental service for children under school-age could only be met, once again, by a very restricted service and many parents expressed their disappointment and concern at being unable to obtain through any local source, the necessary regular dental care for their young children.

The Dental Officers inspected 760 children under school-age, of whom 529 commenced a course of treatment during the year and 598 courses of treatment were completed during the year. This apparent anomaly arises from the fact that some children require and receive more than one course of treatment in a period of twelve months. The details of the treatment carried out, but excluding that done by the Dental Auxiliary, are given in the following combined table.

	Scaling and gum treatment (1)	Fillings (2)	Silver nitrate treatment (3)	Crowns and inlays (4)	Extractions (5)	General anaesthetics (6)	Dentures provided		Radio-graphs (9)
							Full upper or lower (7)	Partial upper or lower (8)	
1. Expectant and nursing mothers	165	653	5	2	2036	160	185	108	28
2. Children aged under 5 years and not eligible for school dental service	2	135	508	Nil	1080	347	Nil	Nil	Nil

Note: Figures refer to number of treatments and not to number of persons.



### **Dental Auxiliary**

Although the approved establishment of the dental staff makes provision for the employment of four dental auxiliaries only one (Miss Vickery) could be employed during 1963 because of the impossibility of being able to provide, as required by existing legislation, the necessary whole-time supervision for more than one girl. Almost the whole of Miss Vickery's available time was devoted to the treatment of school-children aged 5, 6 and 7, but she did manage to include 42 pre-school children for whom she carried out 36 fillings, 3 extractions and 16 prophylactic polishings.

### **Dental Laboratory**

It will be seen from the statistical table of treatment carried out that 293 full or partial dentures were provided for expectant and nursing mothers. All these dentures were constructed in the County Dental Laboratory under the supervision of the Chief Technician (Mr. N. Hawkins) and there is every reason to believe that the standard of work being produced at the County Laboratory is high.

### **Conclusion**

It would be unfair to conclude a report of this nature without making reference to the cordial relationships which exist between the County Dental staff and the majority of local private practitioners and to thank them for their ready co-operation in agreeing, where possible, to provide treatment under the National Health Service Acts, for the many expectant and nursing mothers who, because of continued staff shortage, cannot be included (except for emergency treatment) within the county scheme.

It must be appreciated however, that even with this valued co-operation it continues to prove impossible for expectant and nursing mothers and, to a much greater extent, children under school age, in some parts of the county to obtain anything beyond emergency dental treatment.

The Consultant Dental Surgeons at the general hospitals in Nottingham and Mansfield have again, this year as in former years, been most helpful with those instances in which their assistance has been sought because of unusual dental problems or underlying medical conditions or a combination of both.

If during 1964 there is an improvement in the dental staffing position, then the first priority must be that of providing a more comprehensive dental service for the very young children and thereby ensuring that when children reach the age of 5, they will enter school with very much less dental decay than they show at present.

### MIDWIFERY (Section 23)

The County Council's midwifery service is provided by the direct employment of whole-time County Midwives and by District Nurse-Midwives employed by District Nursing Associations affiliated to the Nottinghamshire Nursing Federation who act as agents of the County Council. The County is divided into areas of three types, i.e.:—

- (1) Areas covered by County Midwives only.
- (2) Areas covered by Midwives employed by District Nursing Associations.
- (3) Areas covered partly by County Midwives and partly by Midwives employed by District Nursing Associations.

Number of midwives practising at the end of the year—

County Midwives .. .. .	72
District Nurse-Midwives*	58
Hospital Midwives .. .. .	47
Midwives in Private Practice .. .. .	i
	— 178

\*The amount of midwifery services afforded by the District Nurse-Midwives was equivalent to 20.5 whole-time midwives.

Reference is made in the section of the Report dealing with Home Nursing (Page 50) to the Domiciliary Midwifery Service as it is affected by the agency arrangements for Midwifery and Home Nursing operated by the Nottinghamshire Nursing Federation and their affiliated and associated District Nursing Associations.

#### Supervision of Midwives

Number of midwives who notified their intention to practice—221.

Visits by Supervisors of Midwives—

Routine inspections .. .. .	457
Investigations into abnormal cases .. .. .	1,231
Other visits .. .. .	320
	— 2,008

Number of cases in which medical aid was summoned by a midwife—

where the medical practitioner had arranged to provide the patient with maternity medical services under the National Health Service .. .. .	774
Other cases .. .. .	98
	— 872



Number of claims received from medical practitioners—49.

Total amount of claims received—£131 1s. 6d.

Other statutory notices received from midwives were as follows:—

Notification of Liability to be a Source of Infection	141
do. Death .. .. .	11
do. Stillbirth .. .. .	31
	— 183

### Eye Discharge in the Newborn

Number of cases reported of inflammation of, or discharge from, the eyes of new-born infants.. 65

Number of these cases notified as Ophthalmia Neonatorum .. .. . 4

Every case was immediately investigated by a Supervisor of Midwives and subsequently followed-up by a Health Visitor. No case of resultant impaired vision was noted.

### Puerperal Pyrexia

Number of cases notified during the year—

Domiciliary .. .. .	4
Hospital .. .. .	9
	— 13

### Deliveries attended by Midwives

#### Domiciliary Cases

	Doctor not booked		Doctor booked	
	Doctor present at delivery	Doctor not present at delivery	Doctor present at delivery	Doctor not present at delivery
County Midwives .. .. .	10	162	924	2,958
District Nurse-Midwives ..	5	90	287	974
Privately Practising Midwives	—	—	7	4
	—	—	—	—
	15	252	1,218	3,936
	—	—	—	—

#### Cases in Institutions

Hospital .. .. .	3,323
Private Nursing Homes..	—
	—
	3,323
	—



Number of cases delivered in hospital and attended by domiciliary midwives on discharge from hospital before the end of the lying-in period .. .. 2,018

### Administration of Analgesics

Number of midwives practising at the end of the year who were qualified to administer inhalational analgesics in accordance with the requirements of the Central Midwives Board—

#### Domiciliary Midwives

County Midwives .. .. .	71
District Nurse-Midwives .. .. .	58
Privately Practising Midwives .. .. .	1
	— 130
Hospital Midwives .. .. .	45
	—
	175
	—

Number of sets of Gas-Air apparatus in use on the district at the end of the year .. .. . 119

Number of cases in which analgesia was administered on the district during the year—

	Gas and Air		Pethidine	
	Doctor present at delivery	Doctor not present at delivery	Doctor present at delivery	Doctor not present at delivery
Administered by:				
County Midwives .. .. .	798	2,388	548	1,463
District Nurse-Midwives .. .. .	240	795	156	447
Privately Practising Midwives .. .. .	—	1	1	2
	—	—	—	—
	1,038	3,184	705	1,912
	—	—	—	—

### Infant Oxygen Resuscitators

Each County Midwife and District Nurse-Midwife is equipped with this apparatus.

The number of occasions it was used during the year was—120.

### Visits by County Midwives and District Nurse-Midwives

	County Midwives	District Nurse- Midwives
Ante-Natal		
Home .. ..	43,588	12,607
Clinic .. ..	1,223	777
Delivery .. ..	4,054	1,356
Lying-in .. ..	69,855	30,537
	<hr/>	<hr/>
	118,720	45,277
	<hr/>	<hr/>

### Refresher Courses for Midwives

Number of midwives who attended a course of instruction during the year in accordance with Section G of the Rules of the Central Midwives Board—

County Midwives .. ..	15
District Nurse-Midwives .. ..	7
	— 22

### HEALTH VISITING (Section 24)

With a few exceptions, the Health Visitors undertake combined duties which, in addition to general Health Visiting, include work in the School Health Services. Fixed appointments at Child Welfare Centres, Relaxation Classes, School Clinics, and School Medical Inspections necessarily involve a considerable proportion of their time, but the employment of Clinic Nurses, i.e. State Registered Nurses who do not possess the Health Visitor's Certificate, has relieved the Health Visitors of a certain amount of Clinic duties. The reduction in the number of Health Visitors owing to retirement or resignation during the first half of the year was not remedied until August when the services of the seven Health Visitors trained under the joint arrangements with the Nottingham City Authority became available. This accounts to a certain extent for the decrease of 14,154 in the number of home visits compared to the previous year but a further reason is doubtless the time-consuming nature of the general home visits, approximately 2,200 more than in 1962; much of the value of visits to the elderly lies in the opportunity afforded the person visited to talk to a sympathetic listener but this, of course, results in less visits being made in a visiting session.

At the end of the year there were, in addition to the three Superintendent Health Visitors, seventy-four nurses engaged on Health Visiting



duties (the proportion of time allocated to such work being equivalent to 50.7 whole-time officers) compared to sixty-eight (equivalent whole-time 48.5) at the end of 1962. The home visiting carried out during the year under the various headings was as follows:—

First visits to Children born in 1963 .. ..	12,489
Re-visits to children born in 1963 .. ..	27,644
Visits to Children born in 1962.. ..	37,888
Visits to Children born 1958-61 .. ..	71,526
Visits to Expectant Mothers .. ..	7,689
Visits to Post-Natal Mothers .. ..	10,629
General Health Visiting .. ..	10,492
	178,357

In addition to the actual visits included above, a total of 21,098 fruitless visits were made to cases where the mother or a responsible representative was not at home. Also, the Table does not include visits by Health Visitors to tuberculous cases which are referred to later in this report.

### Refresher Courses

The policy recommended by the Nurses' Committee of the Whitley Council of sending Health Visitors to Refresher Courses organised by the Women Public Health Officers' Association or the Royal College of Nursing was continued, and seven Health Visitors attended during 1963.

## HOME NURSING (Section 25)

This service continues to be provided through the agency of the Nottinghamshire Nursing Federation.

The number of cases attended during the year shows a considerable increase over previous years, whilst the staffing position shows a slight increase in nursing time available. On an analysis of the cases attended it is noted that a good proportion are elderly chronic sick patients who might otherwise have had to be admitted to hospital.

It is a credit to the nursing service that by their willingness and enthusiasm these old folk have been able to be nursed in their own home environment and therefore not subject to the discipline necessary in hospital.



Steps are being taken to obtain a closer liaison between the home nurse and the health visitor, so as to prevent overlapping and duplication of visits and so that each knows her responsibility in respect of particular patients and families. There is also close co-operation with the Home Help Service, and again, this has been of great assistance in helping the nursing of cases at home. The net result is more patients nursed at home and therefore fewer requiring hospitalisation.

The close co-operation between the central office staff and the headquarters staff of the Nursing Federation has resulted in the saving of much administrative time and added to the efficiency of the Nursing Service.

### **Day and Night Nursing Service**

A welcome addition during the year to the domiciliary services available in the County was this Service, financed by the Marie Curie Memorial Foundation and administered through my Department and the Superintendent of the Nottinghamshire Nursing Federation.

A register of qualified nurses and women with some nursing experience has been compiled and a total of eleven patients were assisted during the year.

The following table summarises the work and staffing position during the past five years.

### General Statistics (Whole County)

	1959	1960	1961	1962	1963
Total No. of Cases attended ...	8,262	7,513	7,410	7,261	9,259
*Average No. of Cases attended per equivalent of Whole-time Nurse ... ..	79	70	74	69	86
Total No. of Visits paid ... ..	266,742	252,883	251,594	252,766	253,750
*Average No. of Visits paid per equivalent of Whole-time Nurse	2,565	2,363	2,516	2,407	2,349
Average No. of Visits paid per Case ... ..	32	34	34	35	27
*Equivalent of Whole-time Staff employed at 31st December ...	104	107	100	105	108
**Equivalent of Whole-time Staff required at 31st December ...	143	146	148	150	153
†Extent to which Staff falls short of requirements at 31st December ... ..	39	39	48	45	45
†Ratio of Staff to Population at 31st December ... ..	1 per 5,532	1 per 5,455	1 per 5,933	1 per 5,735	1 per 5,657

\*Some Nurses devote part of their time to Domiciliary Midwifery.

\*\*On basis of 1 per 4,000 of population.

†Expressed as equivalent of Whole-time Nurses.



## VACCINATION AND IMMUNISATION (Section 26)

Vaccination against smallpox and poliomyelitis, and immunisation against diphtheria, whooping cough and tetanus, continued to be offered throughout the year to all newly-born infants and to unprotected children moving into the County from other areas.

District Medical Officers of Health, acting on agreed terms as the County Council's agents, continued to be responsible for the organisation and conduct of this work within their districts and the County Council's Health Visitors and School and Clinic Nurses worked in close collaboration with them. Where requested, clinical assistance was also given by the County Council's own medical staff.

Medical Practitioners taking up general medical practice in the Council's area were also invited to take part in these arrangements by submitting standard records of the vaccination or immunisation by them of eligible persons on their medical lists, and at 31st December, 1963, a total of 416 General Practitioners were enrolled for this purpose.

In addition to the offer of vaccination against poliomyelitis in infancy referred to above, the offer of vaccination against this disease was also continued in 1963 to all persons under 40 years of age, particularly including expectant mothers and others at special risk as prescribed by the Ministry of Health.

The tables on pages 54 to 58 show the work completed in the several County Districts, and in the County as a whole, during the year and these figures represent protection rates as follows:—

	Percentage Vaccinated
(1) Smallpox (children under 2 years) .. ..	29%
(2) Poliomyelitis (children born in 1962) .. ..	66%
(3) Whooping Cough (children born in 1962) .. ..	67%
(4) Diphtheria (children born in 1962) .. ..	67%

For the seventh successive year no case was notified and no child died from diphtheria in the County Council's area.

## VACCINATION AGAINST SMALLPOX, 1963

DISTRICT	NUMBER VACCINATED*						NUMBER RE-VACCINATED*					
	Under 1 year	1 year	2-4 years	5-14 years	15 years and over	TOTAL	Under 1 year	1 year	2-4 years	5-14 years	15 years and over	TOTAL
<b>Urban Districts—</b>												
Mansfield (Borough)	48	132	14	9	3	206	—	—	3	5	8	16
Worksop (Borough)	24	65	8	9	11	117	—	—	—	6	25	31
Newark (Borough)	89	30	5	7	3	134	—	—	—	—	1	1
East Retford (Borough)	49	28	4	10	10	101	—	—	2	—	2	4
Arnold	236	117	18	14	6	391	—	—	1	1	7	9
Beeston & Stapleford	353	242	16	17	2	630	—	—	6	3	2	11
Carlton	214	89	9	13	11	336	—	1	2	6	8	17
Eastwood	15	60	—	—	6	81	—	—	—	—	2	2
Hucknall	14	61	6	4	3	88	—	—	1	—	—	1
Kirkby-in-Ashfield	39	50	2	9	—	100	—	—	—	—	—	—
Mansfield Woodhouse	11	51	2	4	—	68	—	—	—	1	—	1
Sutton-in-Ashfield	9	114	5	8	5	141	—	—	—	2	4	6
Warsop	5	39	4	1	4	53	—	—	—	2	3	5
West Bridgford	64	80	3	7	1	155	—	—	2	2	12	16
<b>TOTAL</b>	<b>1,170</b>	<b>1,158</b>	<b>96</b>	<b>112</b>	<b>65</b>	<b>2,601</b>	<b>—</b>	<b>1</b>	<b>17</b>	<b>28</b>	<b>74</b>	<b>120</b>
<b>Rural Districts—</b>												
Basford	70	221	35	21	7	354	—	2	2	7	3	14
Bingham	91	93	8	3	—	195	—	—	1	2	—	3
East Retford	60	27	7	16	—	110	—	—	—	2	—	2
Newark	59	34	10	4	—	107	—	—	1	1	—	2
Southwell	243	56	15	15	—	329	—	—	—	3	1	4
Worksop	47	44	5	10	4	110	—	—	1	1	—	2
<b>TOTAL</b>	<b>570</b>	<b>475</b>	<b>80</b>	<b>69</b>	<b>11</b>	<b>1,205</b>	<b>—</b>	<b>2</b>	<b>5</b>	<b>16</b>	<b>4</b>	<b>27</b>
<b>Whole County—</b>												
<b>GRAND TOTAL</b>	<b>1,740</b>	<b>1,633</b>	<b>176</b>	<b>181</b>	<b>76</b>	<b>3,806</b>	<b>—</b>	<b>3</b>	<b>22</b>	<b>44</b>	<b>78</b>	<b>147</b>

\*Classified according to age at date of vaccination.



## DIPHTHERIA IMMUNISATION, 1963

DISTRICT	NUMBER OF CHILDREN PRIMARILY IMMUNISED AGAINST DIPHTHERIA					NUMBER GIVEN A REINFORCING INJECTION
	Born in 1963	Born in years 1959-1962	Born in years 1954-1958	Born in years 1949-1953	TOTAL (under 15 years)	
<b>Urban Districts—</b>						
Mansfield (Borough) ...	244	418	63	—	725	893
Worksop (Borough) ...	158	323	28	2	511	544
Newark (Borough) ...	129	237	29	1	396	451
East Retford (Borough) ...	80	159	9	—	248	223
Arnold ...	76	445	2	—	523	379
Beeston and Stapleford ...	271	661	10	—	942	854
Carlton ...	78	501	4	—	583	396
Eastwood ...	56	96	3	—	155	153
Hucknall ...	123	229	19	—	371	282
Kirkby-in-Ashfield ...	57	250	1	—	308	231
Mansfield Woodhouse ...	98	182	13	—	293	285
Sutton-in-Ashfield ...	255	306	30	8	599	880
Warsop ...	97	73	4	—	174	213
West Bridgford ...	91	260	2	—	353	395
<b>TOTAL ...</b>	<b>1,813</b>	<b>4,140</b>	<b>217</b>	<b>11</b>	<b>6,181</b>	<b>6,179</b>
<b>Rural Districts—</b>						
Basford ...	274	568	8	—	850	433
Bingham ...	114	279	6	—	399	343
East Retford ...	70	171	7	—	248	242
Newark ...	81	187	19	1	288	254
Southwell ...	193	574	59	1	827	924
Worksop ...	128	159	12	—	299	311
<b>TOTAL ...</b>	<b>860</b>	<b>1,938</b>	<b>111</b>	<b>2</b>	<b>2,911</b>	<b>2,507</b>
<b>Whole County—</b>						
<b>GRAND TOTAL ...</b>	<b>2,673</b>	<b>6,078</b>	<b>328</b>	<b>13</b>	<b>9,092</b>	<b>8,686</b>



### WHOOPING COUGH IMMUNISATION, 1963

DISTRICT	NUMBER OF CHILDREN PRIMARILY IMMUNISED AGAINST WHOOPING COUGH					NUMBER GIVEN A REINFORCING INJECTION
	Born in 1963	Born in years 1959-1962	Born in years 1954-1958	Born in years 1949-1953	TOTAL (under 15 years)	
<b>Urban Districts—</b>						
Mansfield (Borough) ...	242	408	2	—	652	227
Worksop (Borough) ...	157	317	6	2	482	380
Newark (Borough) ...	128	236	2	—	366	207
East Retford (Borough) ...	80	157	2	—	239	62
Arnold ...	76	445	2	—	523	17
Beeston and Stapleford ...	270	659	4	—	933	566
Carlton ...	78	495	—	—	573	98
Eastwood ...	56	96	3	—	155	153
Hucknall ...	123	229	6	—	358	156
Kirkby-in-Ashfield ...	57	250	1	—	308	231
Mansfield Woodhouse ...	98	182	1	—	281	62
Sutton-in-Ashfield ...	252	299	2	—	553	361
Warsop ...	97	72	—	—	169	64
West Bridgford ...	91	260	2	—	353	393
<b>TOTAL ...</b>	<b>1,805</b>	<b>4,105</b>	<b>33</b>	<b>2</b>	<b>5,945</b>	<b>2,977</b>
<b>Rural Districts—</b>						
Basford ...	274	566	6	—	846	424
Bingham ...	113	276	3	—	392	328
East Retford ...	69	170	1	—	240	51
Newark ...	81	187	1	1	270	141
Southwell ...	193	572	10	—	775	409
Worksop ...	128	157	3	—	288	133
<b>TOTAL ...</b>	<b>858</b>	<b>1,928</b>	<b>24</b>	<b>1</b>	<b>2,811</b>	<b>1,486</b>
<b>Whole County GRAND TOTAL ...</b>	<b>2,663</b>	<b>6,033</b>	<b>57</b>	<b>3</b>	<b>8,756</b>	<b>4,463</b>

## TETANUS IMMUNISATION, 1963

DISTRICT	NUMBER OF CHILDREN PRIMARILY IMMUNISED AGAINST TETANUS						NUMBER GIVEN A REINFORCING INJECTION
	Born in 1963	Born in years 1959-1962	Born in years 1954-1958	Born in years 1949-1953	TOTAL (under 15 years)	TOTAL (under 15 years)	
<b>Urban Districts—</b>							
Mansfield (Borough) ...	243	400	8	1	652	277	
Worksop (Borough) ...	157	319	30	10	516	535	
Newark (Borough) ...	128	236	27	1	392	219	
East Retford (Borough) ...	79	160	8	—	247	60	
Arnold ...	76	447	2	—	525	381	
Beeston and Stapleford ...	270	681	35	3	989	560	
Carlton ...	78	491	9	1	579	378	
Eastwood ...	56	95	3	—	154	7	
Hucknall ...	123	229	4	—	356	157	
Kirkby-in-Ashfield ...	57	250	1	—	308	45	
Mansfield Woodhouse ...	98	179	1	—	278	66	
Sutton-in-Ashfield ...	255	305	32	9	601	366	
Warsop ...	97	72	—	—	169	64	
West Bridgford ...	90	254	2	—	346	224	
<b>TOTAL ...</b>	<b>1,807</b>	<b>4,118</b>	<b>162</b>	<b>25</b>	<b>6,112</b>	<b>3,339</b>	
<b>Rural Districts—</b>							
Basford ...	273	560	8	—	841	192	
Bingham ...	113	277	4	—	394	163	
East Retford ...	70	184	15	3	272	60	
Newark ...	81	187	16	1	285	156	
Southwell ...	193	551	54	1	799	450	
Worksop ...	128	159	14	—	301	313	
<b>TOTAL ...</b>	<b>858</b>	<b>1,918</b>	<b>111</b>	<b>5</b>	<b>2,892</b>	<b>1,334</b>	
<b>Whole County—</b>							
<b>GRAND TOTAL ...</b>	<b>2,665</b>	<b>6,036</b>	<b>273</b>	<b>30</b>	<b>9,004</b>	<b>4,673</b>	



## POLIOMYELITIS VACCINATION, 1963

DISTRICT	NUMBER WHO COMPLETED PRIMARY VACCINATION							No. (all gps.) given reinforcing doses in year
	Born in 1963	Born in 1962	Born in 1961	Born in 1943-60	Born in 1933-42	Other priority groups	TOTAL	
<b>Urban Districts—</b>								
Mansfield (Borough) ...	94	461	83	125	23	25	811	783
Worksop (Borough) ...	80	357	47	49	31	51	615	278
Newark (Borough) ...	54	276	50	32	6	3	421	317
East Retford (Borough) ...	45	148	27	38	14	18	290	318
Arnold ...	73	347	107	63	93	1	684	633
Beeston and Stapleford ...	178	707	105	88	75	79	1,232	824
Carlton ...	78	422	100	99	93	32	824	530
Eastwood ...	21	122	20	40	17	126	346	262
Hucknall ...	40	280	40	29	21	22	432	45
Kirkby-in-Ashfield ...	31	146	63	38	17	32	327	264
Mansfield Woodhouse ...	15	221	85	75	15	4	415	79
Sutton-in-Ashfield ...	92	426	43	99	20	20	700	680
Warsop ...	15	138	32	87	30	60	362	87
West Bridgford ...	39	232	48	31	15	30	395	449
<b>TOTAL ...</b>	<b>855</b>	<b>4,283</b>	<b>850</b>	<b>893</b>	<b>470</b>	<b>503</b>	<b>7,854</b>	<b>5,549</b>
<b>Rural Districts—</b>								
Basford ...	130	631	113	125	91	250	1,340	590
Bingham ...	37	276	82	47	23	66	531	482
East Retford ...	29	183	35	46	23	24	340	236
Newark ...	27	200	23	37	19	19	325	188
Southwell ...	85	540	100	169	52	41	987	813
Worksop ...	50	164	22	38	15	26	315	268
<b>TOTAL ...</b>	<b>358</b>	<b>1,994</b>	<b>375</b>	<b>462</b>	<b>223</b>	<b>426</b>	<b>3,838</b>	<b>2,577</b>
<b>Whole County GRAND TOTAL ...</b>	<b>1,213</b>	<b>6,277</b>	<b>1,225</b>	<b>1,355</b>	<b>693</b>	<b>929</b>	<b>11,692</b>	<b>8,126</b>

## AMBULANCE SERVICE (Section 27)

### Statistics

Station	Journeys undertaken	Patients carried	Total mileage
Nottingham Group :			
Arnold* ... ..	2,334	11,873	56,793
Beeston ... ..	4,766	23,305	119,080
Carlton ... ..	4,797	23,590	107,183
Eastwood* ... ..	2,255	10,477	74,070
Hucknall ... ..	3,677	14,797	99,289
West Bridgford ... ..	4,278	20,488	139,007
Mansfield ... ..	7,793	37,342	229,996
Sutton-in-Ashfield* ... ..	2,393	13,490	62,512
Newark ... ..	5,025	15,289	150,130
Retford ... ..	4,473	14,658	144,989
Worksop ... ..	5,193	20,049	128,474
Totals ... ..	46,984	205,358	1,311,523
Totals for 1962 ...	45,228	175,860	1,196,993

The three Stations indicated by an asterisk operate on a 16-hour basis, and all other Stations on a 24-hour basis.

### Categories of Patients Carried

Year	Accident	Emergency	Treatment	Infectious	Maternity	Other	Total
1958	3,282	5,037	124,142	1,059	1,301	824	135,645
1959	3,571	5,229	129,391	619	1,314	945	141,069
1960	3,901	7,105	142,889	541	822	775	156,033
1961	4,793	7,491	150,196	495	608	1,076	164,659
1962	5,021	7,691	160,709	431	509	1,499	175,860
1963	5,605	8,171	189,298	362	419	1,503	205,358



## Mileage

Year	AMBULANCES		DUAL-PURPOSE VEHICLES		TOTAL MILEAGE
	No.	Mileage	No.	Mileage	
1958	26	534,751	29	459,384	994,135
1959	26	442,365	29	587,306	1,029,671
1960	30	446,436	31	636,959	1,083,395
1961	30	447,834	31	671,956	1,119,790
1962	34	502,494	30	694,499	1,196,993
1963	34	586,996	30	724,527	1,311,523

## Allocation of Patients to Vehicles

Category	Ambulances	Dual-Purpose Vehicles	Totals
Stretcher cases ... ..	25,255	2,982	28,237
Sitting cases ... ..	70,014	107,107	177,121
Totals ... ..	95,269	110,089	205,358

The demands on the Ambulance Service continue to increase each year and, in fact, the increase of 29,498 patients carried as between 1962 and 1963 was the largest since the inception of the Service. Correspondingly the mileage also showed the greatest increase, the ambulances covering an extra 84,502 miles during the year and the dual-purpose vehicles an extra 30,028 miles, i.e. a total additional mileage of 114,530. In spite of substantial increases in patients and mileage, a reduction from 6.8 to 6.4 was achieved in the average number of miles travelled by each patient.

During the year, arrangements were made for 142 patients to be conveyed by train for the major part of their journeys, with approximately 14,000 miles involved.

## General Administration

Having regard to the requirement of the General Post Office that, with effect from the 1st June, 1964, all radio equipment must conform to the 25 kcs. channelling specification, arrangements were made for the Consultant Radio Engineer to visit and advise on the modification or replacement of the existing mobile radio equipment. The Engineer considered that the coverage from the present equipment was good and that only marginal improvements could be expected by changing from amplitude modulation to frequency modulation. Minor adaptations were made to the system with a view to improving reception and transmission but in view of the fact that the existing equipment has been in constant use since 1952 experiments were carried out with a directional aerial and a new type of mobile radio and consideration is now being given to its total replacement.

The arrangements for the disposal of worn uniform were reviewed, having regard to the very small financial reward for the considerable amount of staff time involved at Stations and in my Department. 90% of the personnel responded favourably to a scheme introduced on the 1st October, 1963, whereby, subject to a levy of 3d. per week being deducted from their pay, staff are permitted to retain all items of worn uniform at the time of replacement issues or on the termination of employment in the case of personnel who have completed at least five years' service. Under this scheme the County Council approved the individual issue of wellington boots to operational personnel during the current year.

Occasionally small donations are offered by patients or relatives in appreciation of assistance given, and the Council have approved that these donations should be used for the benefit of staff organisations provided an official receipt is issued showing the purpose to which the sum was allocated.

Each member of the staff was issued with a pair of dissecting forceps and dressing scissors for carrying in their uniform whenever on duty.

## Premises

The new Station at Gateford Road was taken into operation on the 1st April, 1963, and the premises at the Eastgate Institution were handed back to the Worksop Corporation, and it is difficult to imagine a greater contrast between two premises used for the same purpose. In the new buildings full use has, of course, been made of the latest methods in design and operational layout.

Work commenced on the new joint Fire and Ambulance Station at Eastwood on the 19th August, 1963, and when this is brought into use



later this year the programme of replacement of Ambulance Stations will be completed.

### Vehicles

Year	AMBULANCES		DUAL-PURPOSE VEHICLES	
	Bedford 28 h.p.	Daimler 27 h.p.	Bedford 16 h.p.	Bedford 28 h.p.
1956	—	2	1	—
1957	6	—	—	—
1958	—	—	7	1
1959	4	—	1	2
1960	4	—	4	—
1961	—	—	—	—
1962	10	—	4	1
1963	—	—	9	—
	24	2	26	4

The above Table shows the establishment of the main fleet at the end of 1963 when the average age of the ambulances was two years eight months and the dual-purpose vehicles three years. The following ambulances comprise the reserve fleet, which is used to replace main fleet vehicles when off the road for maintenance or repair or to supplement resources when necessary.

Year	Bedford 28 h.p.
1952	4
1953	1
1957	3
	—
	8
	—

Subject to individual inspection, vehicles are replaced after an average life of nine years for ambulances and seven years for the small dual-purpose

vehicles, and accordingly the 1952 and 1953 ambulances will be replaced during the current year, thus considerably reducing the average age of the vehicles in both the main fleet and the reserve fleet.

The last of the small dual-purpose vehicles, brought into operation in June 1963, is a diesel-engined vehicle purchased on an experimental basis for the purpose of comparison of performance with the petrol-engined vehicles. Preliminary considerations indicate the diesel-engined vehicle may give a considerable saving in running and maintenance costs, but that passengers may experience some inconvenience from vibration and noise.

Blue rotating flashing beacons were fitted to the 34 ambulances, the four large dual-purpose vehicles and the small dual-purpose vehicles based at the 16-hour Stations.

### Staff

During the year the establishment at the Carlton Station was increased by the appointment of two additional Driver-Attendants, and the table below shows the establishment and the staff in post on the 31st December, 1963.

Designation	Establishment	Number Employed at 31.12.63
County Ambulance Officer ...	1	1
Station Superintendents ...	4	4
Station Officers ...	7	7
Shift Leaders ...	38	38
Driver-Attendants ...	142	140
Clerical Staff ...	3	3
Control Assistants ...	14	14
	209	207

185 members of the Service were entered in the National Safe Driving Competition for 1962 and the following 142 awards were made:—

Special Bar to 15-year Brooch .. ..	1
11 to 14-year Oak Leaf Bars .. ..	19
10-year Medals .. ..	4
6 to 9-year Bars .. ..	39
5-year Medals .. ..	10
Diplomas .. ..	66
Exemptions .. ..	3



The establishment of a training course for new recruits and a refresher course for existing personnel has been deferred temporarily pending the report of the Working Party set up by the Minister of Health to consider the standardisation of training and equipment in the Ambulance Service.

Year	Number of Ambulances	Number of Personnel
1950	1,000	10,000
1951	1,100	11,000
1952	1,200	12,000
1953	1,300	13,000
1954	1,400	14,000
1955	1,500	15,000
1956	1,600	16,000
1957	1,700	17,000
1958	1,800	18,000
1959	1,900	19,000
1960	2,000	20,000

## PREVENTION OF ILLNESS, CARE AND AFTER-CARE (Section 28)

### Tuberculosis

#### Deaths

During 1963, the number of deaths attributable to tuberculosis was twenty-seven; twenty-three from pulmonary tuberculosis and four from other forms of the disease. The pulmonary death rate per thousand of the population was 0.038 for the County compared with 0.056 for England and Wales, whilst the rate for all forms of the disease was 0.044 for the County compared with 0.063 for England and Wales.

#### Clinic Registers

According to information provided by the several Chest Clinics in the Council's area, the numbers of County cases on their Registers at 31st December, 1963, were as follows:—

Chest Clinic	NO. OF CASES ON REGISTER		
	Pulmonary	Non-pulmonary	Total
East Retford .. ..	94	23	117
Worksop .. ..	131	28	159
Mansfield .. ..	734	85	819
Newark .. ..	179	29	208
Nottingham .. ..	964	169	1,133
Totals .. ..	2,102	334	2,436

These figures represent a reduction of approximately 8% in the total numbers of County cases on these Registers in the year.

They do not, of course, include County cases attending Out-County Chest Clinics.

#### New Cases and Mortality

The number of new cases notified during 1963 according to returns submitted by the Medical Officers of Health of the County Districts, and the number of deaths attributable to tuberculosis during the year, according to the Registrar-General's statistics, were as set out in the following table:—

AGE PERIODS	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	1	—	—	—	—	—
1—4 yrs. ...	6	2	—	—	—	—	—	1
5—14 yrs. ...	3	2	2	—	—	—	—	—
15—44 yrs. ...	47	42	5	13	2	3	1	1
45—64 yrs. ...	37	10	4	3	8	—	1	—
65 yrs. & over ...	22	3	1	3	8	2	—	—
Totals ...	115	59	13	19	18	5	2	2



### Incidence—Pulmonary Tuberculosis

The following table shows the incidence of Pulmonary Tuberculosis in the County over the past five years :—

YEAR	NO. OF NEW CASES INCLUDED IN THE ANNUAL RETURN TO THE MINISTRY OF HEALTH			Rate per 1,000 of population
	Formally notified	Not notified before death	Total	
1959	264	6	270	0.47
1960	224	12	236	0.40
1961	175	10	185	0.31
1962	193	3	196	0.32
1963	167	7	174	0.28

### Cases not notified before Death

The numbers of cases not notified before death in each of the past five years, and the sources from which the information was obtained, were as follows :—

Year	SOURCE OF INFORMATION						Totals	
	Death Returns from Local Registrars		Death Returns from Registrar-General		Posthumous notifications			
	Pul.	Other	Pul.	Other	Pul.	Other	Pul.	Other
1959	3	1	3	—	—	1	6	2
1960	10	2	1	1	1	—	12	3
1961	3	1	4	1	3	1	10	3
1962	2	1	1	—	—	1	3	2
1963	3	1	2	—	2	—	7	1

In each case the facts were at once communicated to the District Medical Officer of Health who was asked to confirm that the case had not been notified to him during life as suffering from tuberculosis. The County Council's Tuberculosis Health Visitors were also notified and visited the homes for the purpose of taking environmental reports and urging contacts to attend for examination at the nearest Chest Clinic.

Details of each case, with a copy of the environmental report, were also forwarded to the appropriate Chest Physician.

### Examination and B.C.G. Vaccination of Contacts

According to information provided from the Nottingham, Mansfield, Newark, Worksop and Retford Chest Clinics, the numbers of family contacts of new County cases examined and given B.C.G. vaccination by the Chest Physicians during 1963 were as follows :—

1963	Men	Women	Children	Total
No. of new cases notified ...	116	74	16	206
No. of new contacts examined (including those examined by X-ray only) ... ..	321	355	793	1,469
No. found tuberculous ... ..	13	9	7	29
No. tuberculin tested ... ..	98	125	555	778
No. found negative ... ..	16	23	429	468
No. vaccinated with B.C.G. ...	12	22	585	619
Total attendances by contacts at Chest Clinics during the year ... ..	618	789	2,351	3,758

### Work of the Tuberculosis/Health Visitors

The number of domiciliary visits by the Council's Tuberculosis/Health Visitors during 1963 was 10,345, compared with 11,543 during 1962, and their attendances at Chest Clinic sessions totalled 797 in 1963 compared with 1,004 in the previous year.

### Protection of Children against Tuberculosis

Under the arrangements for the X-ray examination of the staff of County Council establishments who are working in close contact with groups of children, 152 persons in employment at Day Nurseries or at Children's Homes were examined by mass radiography during 1963.

In addition, 453 persons taking up employment of this nature with the County Council had a chest X-ray examination during the year; 216 by miniature radiography and 237 by large films for which the County Council paid the agreed fee to hospitals and Chest Physicians.



### B.C.G. Vaccination of School Children and Students

The organisation and conduct of the County Council's arrangements for the vaccination against tuberculosis of school children over the age of eleven years and of students attending establishments of Further Education continued in 1963 to be undertaken by District Medical Officers of Health acting, on agreed terms, as agents for the County Council in the same way as for other forms of vaccination and immunisation.

Where necessary, assistance was given by the County Council's own medical and nursing staff and the following figures indicate the work undertaken in the year:—

	School Children	Students	Total
Number skin tested .. ..	8,518	4	8,522
Number found positive ..	1,521	3	1,524
Number found negative ..	6,623	1	6,624
Number vaccinated .. ..	6,473	1	6,474

### Case Finding Surveys

According to information kindly provided by the Nottingham No. 2, Lincolnshire and South Yorkshire Mass Radiography Units, surveys were carried out at twenty-eight centres in the County Council's area in 1963 at which 19,255 persons were examined by mass radiography.

Altogether eighty persons were referred to Chest Physicians for further investigation and two cases of active pulmonary tuberculosis were discovered.

In addition, a large number of County residents attended the Nottingham No. 1 Mass Radiography Unit in the City of Nottingham but precise figures are not available as separate records of County and City cases are not kept at this Centre.

### Nottingham and Notts. Association for the Prevention of Tuberculosis

The following figures indicate the work undertaken by this Association during 1963 under agency arrangements with the County Council:—

No. of new cases referred .. .. .	62
No. of cases considered for assistance .. .. .	374

#### NOTTINGHAM AREA

No. of new cases .. .. .	46
No. of cases considered for assistance .. .. .	156

#### *Analysis of Assistance*

Referred to National Assistance Board for monetary grants .. .. .	22
Beds or Bedding loaned .. .. .	7
Clothing provided .. .. .	7
Clothing provided by W.V.S. .. .. .	2
Nursing requisites loaned .. .. .	4
Milk permits issued .. .. .	152
Applications for work and training for work .. .. .	17
Applications for assistance re housing .. .. .	12
Applications for assistance re Home Help .. .. .	1
Applications for assistance re Care of Children .. .. .	3
Spero holidays .. .. .	2
Other forms of help .. .. .	24
Assistance from Voluntary Funds .. .. .	212
Investigated but no help necessary .. .. .	9
No. of visits paid to homes .. .. .	72
No. of interviews .. .. .	107

#### MANSFIELD AREA

No. of new cases .. .. .	11
No. of cases considered for assistance .. .. .	88

#### *Analysis of Assistance*

Referred to National Assistance Board for monetary grants .. .. .	4
Bedding provided .. .. .	1
Milk permits issued .. .. .	80
Clothing provided .. .. .	1
Assistance re housing .. .. .	1
Assistance from Voluntary Funds .. .. .	2
Investigated but no help necessary .. .. .	2

#### NEWARK AND SOUTHWELL AREA

No. of new cases .. .. .	—
No. of cases considered for assistance .. .. .	23

#### *Analysis of Assistance*

Bedding provided .. .. .	1
Milk permits issued .. .. .	16
Investigated but no help necessary .. .. .	2





### Sherwood Village Settlement

The County Council continued to maintain the Sherwood Village Settlement and the associated Sherwood Industries at Rainworth, near Mansfield, for the benefit of tuberculous persons in need of sheltered employment, training and living conditions, and to admit cases on agreed terms from the areas of Local Health Authorities throughout the country.

Particulars of admissions to and discharges from the Sherwood Village Settlement during 1963 are set out in the following table :—

1963	TRAINEES			SETTLERS			TOTAL		
	N.	OA.	Total	N.	OA.	Total	N.	OA.	Total
Strength 1.1.63 ...	4	10	14	18	14	32	22	24	46
Admissions during the year ...	1	10	11	—	—	—	1	10	11
Trainees accepted as settlers during the year ...	5	20	25	18	14	32	23	34	57
	—	2	2	—	2	2	—	—	—
	5	18	23	18	16	34	23	34	57
Discharges during the year—									
(a) on recovery	—	—	—	3	1	4	3	1	4
(b) on retirement	—	—	—	—	1	1	—	1	1
(c) for medical reasons ...	1	8	9	1	1	2	2	9	11
(d) for domestic reasons ...	—	2	2	—	—	—	—	2	2
(e) Died ...	—	1	1	—	1	1	—	2	2
	1	11	12	4	4	8	5	15	20
Strength 31.12.63	4	7	11	14	12	26	18	19	37

N—Nottinghamshire cases.

OA—Other Authorities' cases.



With the exception of one Nottinghamshire case, those admitted during the year came from the Borough of Chesterfield, from Bath, Liverpool, Middlesbrough and Nottingham County Boroughs and from the Hertfordshire, Surrey, Warwickshire and the West Riding of Yorkshire County Councils, plus one stateless person for whom the National Assistance Board accepted financial responsibility. The following statement shows the number of trainees and settlers from outside Authorities remaining in the Village Settlement at the end of the year:—

Local Health Authority	Ministry of Labour Trainees	Settlers	Total
Derbyshire County Council .. ..	—	1	1
Grimsby County Borough Council ..	—	1	1
Herefordshire County Council .. ..	—	1	1
Hertfordshire County Council .. ..	1	—	1
Leicestershire County Council .. ..	—	1	1
Lincolnshire (Kesteven) County Council ..	—	1	1
Lincolnshire (Holland) County Council ..	—	1	1
Liverpool County Borough Council ..	1	—	1
Middlesbrough County Borough Council	1	—	1
Nottingham County Borough Council ..	1	1	2
West Riding of Yorkshire County Council	2	5	7
National Assistance Board			
(Stateless person) .. .. .	1	—	1
	—	—	—
Totals .. .. .	7	12	19
	—	—	—

Dr. D. Davies, Consultant Chest Physician, who, by arrangement with the Sheffield Regional Hospital Board, also acts as Medical Superintendent of the Sherwood Village Settlement, has provided the following report and comment upon the medical aspects of the year's work:—

“Eleven trainees were admitted during the year and only one came from Nottinghamshire. All were, in one way or another, difficult social and/or medical problems. The severity of these problems is indicated by the fact that four had left by the end of the year, one because he was medically unfit, one because of associated mental illness, one because of a pathological wander-lust and one with less easily classified personal problems.

"The total discharged in 1963 was the highest ever—20. Four were considered fit to return to open industry and one retired on reaching the age of 65. Two men died during the year, one from heart failure as a result of extensive tuberculosis and one from high blood pressure. Eleven left for medical reasons, four of these illnesses being unrelated to the tuberculous disease. Two left for personal reasons.

"At the end of the year, 37 people remained, 11 being trainees and 26 settlers. Their average age was 48 years. This was 40 years in 1956, 42 in 1958 and 47 in 1961, so the rising trend seems to be flattening out.

"Of those in residence at the end of the year, 38% had been coughing up tubercle bacilli in the previous two years. The comparable figure for 1956 was 63%; for 1958, 35% and for 1961 the level had fallen to 25%. It was then indicated that this striking fall might be partly reversed because of the complicated nature of the cases being admitted. So it has turned out but I am anticipating an improvement during the coming year, because several of the men who were infectious are now doing well.

"There has been a distinct fall in the occupancy during the year. Although all Medical Officers of Health and Chest Physicians in the country have been informed of the facilities available, admissions are not keeping pace with discharges. There is no intention of abandoning the policy of discharging people to open industry when they become fit, because this has always seemed to be sensible. The transition period poses problems for some men who have led a sheltered existence for many years. But I am satisfied that it is in their long term interest and they are given every help possible during the transition. Of the 62 people discharged since 1958, 22 (35%) have gone to open industry. I know of no other sheltered workshop which has achieved a figure near this. As I have mentioned in previous reports, this increases the difficulties of the Manager and his staff—and so does the policy of accepting people on medical indications only, without reference to the likelihood of their becoming skilled cabinet makers. I am very grateful to all the staff who have accepted these principles without a grouse or a grumble. I hope that they have been helped in this by the knowledge that all the men admitted have come because of their need, and that the alternative for them would have been continued unemployment or hospitalisation.



The balance sheet could, of course, be made to look more respectable by keeping the fitter men indefinitely and only admitting those without severe disability and showing reasonable prospects of doing skilled work.

“Three children were born in the Settlement during the year and all are doing well.”

On 12th February, 1963, the Sherwood Village Settlement suffered a severe loss by the death of Alderman W. Bayliss, C.B.E., D.L., J.P., Chairman of the County Council, who had also been Chairman of the Settlement Management Committee from its formation. With the unanimous approval of the Health Committee, and with the full support of the Settlers, the Men's Hostel at the Village Settlement has since been known as 'The William Bayliss Hostel' as a memorial to him and letters comprising this name and affixed to the wall flanking the entrance to this building were unveiled by the new Chairman of the Council in the presence of Mrs. Bayliss, representatives of the Settlers and Members of the Management Committee on 18th September, 1963.

In this same building a centrally actuated electrical fire alarm system was also installed in the year and improvements were effected to the surrounds of the bowling green.

Three overseas visitors who attended the Sherwood Village Settlement in 1963 consisted of a Cypriot student on a study course sponsored by the Chest and Heart Association, a Norwegian Social Worker, and Dr. N. U. Jarlov, Head of the Department of Physical Medicine and Rehabilitation at Copenhagen County Hospital.

The Ministry of Labour continued to give financial and technical help under the provisions of the Disabled Persons (Employment) Acts and offered a capital grant towards the cost of levelling and concreting an area adjoining the new kiln drier, purchasing eight bogies to facilitate the movement of material in and out of the new kiln and providing six new benches in the carpentry shop. A further proposal to provide a separate foreman's office was still under consideration, however, at the end of the year. In addition to these works new fluorescent lighting was installed in the machine shop and the Industry took over a motor vehicle which was about to be replaced in the County Council's ambulance fleet and made use of it to transport employees between the Village Settlement Hostel and the Workshops.

Sherwood Industries continued in the main to manufacture school furniture under contract for the Nottinghamshire Education Committee but had to adjust their production programmes due to the shortage of labour when the number of employees fell from 46 to 37, i.e., to the lowest level since 1951. Prices were increased on one occasion in consequence of two Wage Awards by the National Joint Council for the Furniture Manufacturing Trade affecting the wages paid to both Settlers and members of the workshops staff. In addition, the wages of ten Settlers were increased during the year on individual reports as to progress and efficiency. Allowances to Ministry of Labour Trainees with dependants were also increased as from 20th May, 1963, but the Ministry of Labour were consulted regarding implementation of an increase in allowances to Hostel residents without dependants and on reduced hours by reason of their physical condition which would have made them better off than Settlers working similar hours at the basic wage rate. This problem was still under consideration at the end of the year.

### **Other Forms of Illness**

#### **Loan of Nursing Equipment and Appliances**

The County Council continued during the year to lend the larger items of home nursing equipment, free of charge, direct from the Health Department on certification of need in each case by a medical or nursing attendant.

Under these arrangements, 1,230 cases were assisted in 1963 (940 cases in 1962) of whom 616 were referred by general medical practitioners, 419 by District Nurses, 130 by Hospital Officers and 65 from other sources.



The following Table indicates the work undertaken under this Scheme during the year :—

Article	1.1.63		Purchases during year	Written off during year	Loans during year	Returns during year	31.12.63	
	On loan	In store					On loan	In store
Alternating Pressure								
Point Pads...	3	—	2	—	2	4	1	4
Baby "Sitta" ...	—	—	4	—	4	—	4	—
Back Rests ...	105	8	48	1	216	164	157	3
Bed Blocks (prs.) ...	14	15	—	—	6	8	12	17
Bed Cradles ...	74	1	35	—	139	111	102	8
Bedpans								
Rubber ...	20	3	21	9	37	29	28	7
Bedsteads—								
Single ...	86	6	32	—	85	58	113	11
Postural drainage	—	1	—	—	—	—	—	1
Fowler	—	—	1	—	1	—	1	—
Bed Tables—								
Adjustable ...	1	—	—	—	—	—	1	—
Folding ...	8	52	—	—	35	16	27	33
Overbed ...	—	1	—	—	—	—	—	1
Chair, Relaxation ...	—	1	—	—	—	—	—	1
Commodes—								
Chair type ...	303	1	102	1	422	324	401	4
Stool type ...	49	1	7	1	33	28	54	2
Cots, adult ...	7	—	2	—	12	11	8	1
Cots, children's ...	1	—	1	—	1	1	1	1
Cot side pads ...	2	—	—	—	2	2	2	—
Cot side rails ...	2	—	12	—	12	4	10	4
Crutches (prs.) ...	15	28	2	—	18	12	21	24
Cushion, inflatable toilet ...	2	2	4	3	5	3	4	1
Latex foam cushions	65	12	42	12	108	90	83	24
do. mattresses ...	151	2	50	1	175	132	194	8
do. pads ...	1	—	—	—	—	1	—	1
do. pillows ...	42	5	30	1	59	31	70	6
Fracture boards ...	117	43	—	—	76	76	117	43
Mattresses—								
Cot, child's ...	1	—	1	—	1	1	1	1
Sectional ...	1	—	—	—	—	—	1	—
Fowler	—	—	1	—	1	—	1	—
Playpen ...	1	—	—	—	—	1	—	1
Self-lifting poles—								
Bed fitting type ...	60	6	17	—	45	32	73	10
Portable ...	10	4	—	—	10	6	14	—
Spinal Carriages—								
Adult models ...	3	4	—	4	—	2	1	2
Juvenile models ...	—	3	—	—	2	1	1	2
Walking aids ...	101	12	44	—	101	54	148	9
Walking Sticks ...	11	2	3	—	7	4	14	2
Wheel Chairs—								
Stairway ...	10	8	—	—	15	17	8	10
Merlin ...	2	1	—	3	—	2	—	—
Folding—adults ...	125	47	6	8	152	159	118	52
do. juveniles ...	15	5	3	—	23	23	15	8
Transit ...	31	10	33	—	94	57	68	6
Duplex ...	9	—	46	—	64	20	53	2
Totals ...	1,448	284	549	44	1,963	1,484	1,927	310

The Council's Health Visitors were notified and provided reports at quarterly intervals on each case assisted under this Scheme.

In addition, by arrangement with the Nottinghamshire Nursing Federation, the smaller and more frequently needed items of home nursing equipment continued to be lent direct to patients, free of charge, by District Nurses and District Nurse/Midwives from stocks held by them to an approved standard scale.

Stocks of these articles are also maintained in the Health Department for the purpose of replacing broken or worn-out equipment, or for issue direct to patients having a long-term need.

The following Table indicates the provision made under these arrangements during 1963 :—

Article	Scale per Nurse	1.1.63	Purchases during year	Written off during year	Issues during year	Returns during year	31.12.63
		In store					In store
Air rings ... ..	4	14	60	5	66	12	15
Bedpans ... ..	3	—	61	—	69	10	2
Douche outfits ...	—	7	—	—	—	—	7
Feeding cups ...	2	5	24	—	20	—	9
Sputum mugs ...	†	—	—	—	—	—	—
Steam kettles ...	*	8	—	—	—	—	8
Waterproof sheets— 6-ft. x 3-ft. ...	†	3	6	3	11	5	—
4-ft. x 3-ft. ...	4	17	60	1	74	12	14
Urinals ... ..	3	17	38	—	46	8	17
Totals ... ..	16	71	249	9	286	47	72

† Available on special request.

\* One per District.



During 1963 the County Council also authorised the supply of incontinence pads as part of their arrangements for the care of patients under Section 28 of the National Health Service Act, 1946, in accordance with a circular letter from the Ministry of Health dated 19th July, 1963. These pads had previously been made available without charge through the County Council's Home Nursing Service in cases where the County Superintendent of the Nottinghamshire Nursing Federation considered them to be necessary and the suggestions in the Ministry's circular were met by an extension of these arrangements—though not necessarily restricting the supply of pads to patients being attended by a District Nurse—and by an announcement of the County Council's intentions to all District Nurses and general medical practitioners, as well as to appropriate members of the Authority's own field staff.

District Medical Officers of Health were also informed and invited to give notice of any local disposal problems which might arise so that consideration could then be given to the possible need to provide disposable bags.

### **Convalescence**

Under the County Council's arrangements for providing convalescence of the "holiday home" type for suitable cases referred by general medical practitioners, 74 cases were assisted in 1963 compared with 48 cases in 1962.

Of these, two undertook to pay the full cost involved. After an assessment of their financial circumstances, 15 others were required to make varying contributions, and the remaining 57 cases were granted free convalescence in accordance with the County Council's approved scale.

Seventy cases were accommodated at seaside Convalescent Homes (69 at a home on the Lincolnshire coast and one at a home on the south coast) and four cases proceeded on convalescence to homes in Derbyshire. The following table summarises the cases dealt with under these arrangements during the year, classified according to medical need, age, sex and duration of convalescence authorised:—





### **Training and Recuperative Centres for Neglectful Mothers**

Under the arrangements approved in 1957 enabling the County Council to take such steps as they consider necessary to prevent the break-up of problem families, two cases were assisted in 1963.

In the case of a 22-year-old mother and her two children (ages 3 and  $1\frac{1}{2}$  years) who were admitted for four weeks to the Elizabeth Fry Memorial Trust Home at York, the Probation Committee met the cost of rehabilitation of the mother and the Health Committee paid for the two children, the husband being unable to make any contribution due to his financial circumstances. The family were re-housed in a new area in the County on their return home and the Probation Officer reported that the mother's confidence and morale had improved a good deal as a result of her stay at York and that the venture appeared to have been eminently worthwhile.

The other case consisted of a 23-year-old mother and four children (ages 6, 5,  $3\frac{3}{4}$  and 2 years) who, at the request of the Local Magistrates and after full consideration by all concerned, proceeded for a period of two months to the Crowley House Middlemore Home at Selly Oak, Nr. Birmingham. In this case the Health Committee met the full cost involved, no contribution being required from the husband. This mother returned home a little earlier than had been anticipated for the impending birth of her sixth child. Thereafter the family were materially assisted by the provision of furniture and some cooking utensils and the mother's training in household management was continued through the allocation to her of the services of a specially trained Home Help. The Health Visitor and the Children's Officer also continued to assist in every possible way. The Social Workers from Crowley House also maintained contact with this family and, after a follow-up visit to the mother in her own home in January 1964, they reported developments as so far to be encouraging.

### **Chiropody Services**

Chiropody services for the elderly continued to be provided in the Urban areas throughout 1963 by voluntary Old People's Welfare Committees whose expenditure on treatments was reimbursed by the County Council together, where necessary, with a proportion of local administration costs. In such cases treatment continued to be provided as necessary to any person of pensionable age on payment of a standard charge of 2/6, but this charge was waived in cases of hardship.

The County Council also made a grant to the Nottinghamshire Old People's Welfare Committee in support of their continuation and development of a similar service in the Rural areas, partially through the operation of a Mobile Unit, and to the Nottingham General Dispensary in respect of the treatment of old age pensioners from County districts at their Clinic in the City of Nottingham.



Chiropody treatment for handicapped persons continued to be provided through the County Health Department on medical certification of need and on payment of a standard charge of 2/6 (which could be waived in necessitous cases). Regular sessions were also continued for handicapped persons at the Mansfield Centre for the Physically Handicapped and during 1963 similar sessions were also organised for patients at the West Bridgford Cheshire Home.

The following figures indicate the general development of chiropody services in the County in 1963, the total number of treatments provided in the year having increased by 16% over the corresponding figure for 1962:—

Number of treatments provided	For the elderly	For the physically handicapped	For expectant mothers
at Sessions and Chiropodists' Surgeries .. .. .	40,623	130	Nil
by Home Visits .. .. .	12,164	126	Nil
Totals .. .. .	52,787	256	Nil

At the end of the year a total of 8,784 old age pensioners and 48 handicapped persons were being assisted under this Scheme, compared with 7,767 old age pensioners and 31 handicapped persons at the end of 1962.

### Hospital After-Care

Arising from Ministry of Health Circulars 15/62 and 3/63 to Local Health Authorities, and similar advice from the Ministry of Health to Hospital Authorities in England and Wales, all hospital authorities in and around Nottinghamshire were notified in June 1963 that communications on after-care arrangements should be addressed to the County Council's Medical Officer of Health, as their "designated" after-care officer. These arrangements provided for the closest possible collaboration with the family doctor and copies of the Department's circular letter to the hospital authorities were sent to the Clerk of the County and City Executive Council and to the Clerk of the Local Medical Committee.

At the same time appropriate instructions on after-care arrangements were circulated to the Council's Health Visitors, Almoners and Home Help Organisers, with copies for information to the County Welfare Officer and to the County Superintendent of the Nottinghamshire Nursing Federation.



In addition to visits made arising through the loan of nursing equipment and appliances, prevention of the spread of infection, or by the County Almoners or the Geriatric Nurses as recorded elsewhere in this report, Health Visitors followed up 82 discharged hospital cases in 1963 by special request of Almoners or Social Workers at the City, General, and Sherwood Hospitals in Nottingham, the Victoria Hospital, Mansfield, the Royal Infirmary, Doncaster, the Sheffield National Centre for Radiotherapy, Lodge Moor Hospital, Sheffield, and Leigh Infirmary in Lancashire.

### **Geriatric Visiting**

A full-time Geriatric Nurse continued throughout 1963 to work with the Consultant Geriatrician at the Mansfield Victoria Hospital and in collaboration with District Nurses, District Medical Officers of Health, Health Visitors and all other appropriate officers and organisations in the area in the development of care and after-care services for the aged either referred for admission to, or due to be discharged from, that hospital.

By arrangement with the Consultant Geriatrician at the Worksop Kilton Hospital, a second Geriatric Nurse was employed by the County Council as from 16th September, 1963, to undertake similar duties in the Worksop area.

The following figures indicate the work undertaken by these two Nurses in 1963:—

Number of new cases referred	.. ..	589
Number of home visits undertaken	..	1,369

### **Almoner Service**

There continued to be two vacancies on the County Council's approved establishment of four whole-time Almoners until Mrs. M. J. Garland resigned her appointment on 31st July, 1963, to return to a similar post overseas. Thereafter the service was continued single-handed until the end of the year.

The County Almoners made fourteen sessional attendances and conducted 73 case interviews at hospitals in the County, and the following figures give some indication of the extent of their work for cases other than those suffering from tuberculosis and venereal diseases which are dealt with separately in this report:—

Category	No. of new cases referred	No. of home visits undertaken
Hospital after-care ... ..	36	111
General care and after-care ...	159	208
Social investigation of Geriatric cases ... ..	23	3
Convalescence cases ... ..	32	117
Totals ... ..	250	439

In all cases advice or assistance was given by the County Almoners on the usual variety of medico-social problems, particularly to financial or domestic aid and rehabilitation.

## Veneral Diseases

### Treatment of County Cases at All Centres

The numbers of cases resident in the County dealt with for the first time during each of the past five years according to returns from the Nottingham, Mansfield, Worksop and Out-County Treatment Centres were as follows:—

Year	No. of cases dealt with for the first time			
	Syphilis	Gonorrhoea	Other conditions	Total
1959	18	177	429	624
1960	27	131	504	662
1961	20	104	560	684
1962	15	75	485	575
1963	33	86	578	697

One defaulter was referred to the County Almoners during the year, and five follow-up visits were paid.



## Health Education

The following report of the work in this field undertaken in the year has been prepared by the Health Education Officer, Mr. N. S. Wass:—

“The period under review has seen some interesting changes, mostly welcome, certainly progressive.

Appointed as successor to Mr. Marrow as from 5th November, 1963, it is my hope to maintain the high standard set by my predecessor.

Miss P. A. T. Baxter, physiotherapist, joined the Health Education team on 1st February, 1963, to replace Miss M. A. McKay who terminated her appointment as Assistant Health Education Officer on 30th September, 1962, but the vacancy for a second Assistant Health Education Officer, created by Mr. Marrow's departure at the end of February, continued throughout the remainder of the year. In consequence, there was inevitably some decline in the number of meetings held in 1963 compared with the previous year.

Nevertheless, development of the Service to meet the growing need and demand for visual aids in Health Education continued apace; a 15 cwt. Bedford Van was purchased early in May 1963, a van driver/projectionist (Mr. J. McCluskey) commenced duty on 10th June, 1963, and a Bell & Howell 642 16-millimetre sound projector was also acquired and was put into immediate use with considerable success. In particular, the use of the new van was most helpful both for the transportation of the new projection equipment, and of display and exhibition material to Clinics and Centres throughout the County.

A welcome addition in the year to the Department's hitherto limited and somewhat dated Health Education Film Library was the purchase of a new resuscitation film 'The Pulse of Life'. Since its purchase this film has continued to be in great demand and has been used extensively throughout the County. To supplement the use of this film, Miss Baxter has designed a demonstration model whose mechanics illustrate the necessity and the procedure for clearing the air passage in an unconscious patient for the purpose of applying mouth to mouth resuscitation. A prototype has been constructed at the Retford Training Centre for the Mentally Handicapped. During May 1963 a smoking and health mobile unit from the Centre

Council for Health Education visited the County on a four-day campaign during which time they addressed ten meetings (six at Schools) covering an audience total of 1,684 (1,457 boys and girls, 68 men and 159 women). Although there appeared to be some apathy in certain areas regarding the efficacy of this method of presenting this problem to the general public, it was felt that overall the visit had been a success and the Authority requested a return visit which took place in April 1964.

The Authority continued in 1963 to give financial help to the Central Council for Health Education, renewed their membership of the Home Safety Section of the Royal Society for the Prevention of Accidents, and additionally in the year became a constituent member of the North Midland (Area 4) Home Safety Group. In respect of the latter, the representatives of the County Council's Health Committee are now enabled to participate in a movement which seems to be reaching national proportions through a growing awareness of the urgent need to eliminate an appalling loss of life and maiming largely attributable to accidents in our homes.

As previously stated, an interesting year but entailing an increasing difficulty in the growth and development of the service of bringing down to figures the real work of Health Education in its broadest sense which depends so much upon the impact of the personality of the officer carrying out this work.

Nevertheless, the following figures give some indication of the work undertaken in the year:

TABLE I

Meetings addressed	Ordinary Meetings	Relaxation Class Talks	Training of Staff and Others	Total
(a) by Health Education Officers .. .. .	62	164	30	256
(b) by Part-time Lecturers ..	16	—	—	16
(c) by other members of the Health Dept. Staff ..	37	—	4	41
	115	164	34	313
(d) by Film Shows only ..	39	12	13	64
Totals .. .. .	154	176	47	377



TABLE II

Talk Subjects	By Health Education Officers	By Other Lecturers	Total
Health Education .. .. .	17	—	17
Maternity and Child Welfare .. .. .	114	7	121
Health of Child and Adolescent .. .. .	6	9	15
Sex Education .. .. .	1	5	6
Mental Health .. .. .	5	1	6
General Health Topics .. .. .	70	16	86
Accident Prevention .. .. .	36	2	38
Prevention of Illness .. .. .	4	1	5
Health Services Information .. .. .	3	16	19
	256	57	313

TABLE III

Audiences at Meetings addressed	Men	Women	Boys	Girls	Total
(a) by Health Education Officers .. .. .	366	3,736	84	103	4,289
(b) by Part-time Lecturers .. .. .	—	687	—	—	687
(c) by other members of the Health Dept. Staff	90	510	30	473	1,103
	456	4,933	114	576	6,079
(d) at Film Shows only .. .. .	369	1,054	115	244	1,782
Totals .. .. .	825	5,987	229	820	7,861

TABLE IV

## FILMS USED

Title	Times shown
<b>Health Education</b>	
"Body's Defences against Disease" .. .. .	4
"Conquest of the Dark" .. .. .	1
"The Hearing Foundation" .. .. .	1
"Helping the Deaf" .. .. .	1
"Learning by Hearing" .. .. .	1
"Let Them Speak" .. .. .	1
"Light through the Clouds" .. .. .	1
"Llandrindod Wells School" .. .. .	1
"Mandy" .. .. .	1
"Mouth to Mouth Resuscitation" .. .. .	1
"One in a Hundred" .. .. .	1
"Pulse of Life" .. .. .	43
"Unseen Horizons" .. .. .	1
	— 58
<b>Maternity and Child Welfare</b>	
"Bathing Baby" .. .. .	1
"Breast Feeding" .. .. .	3
"Maternity and Child Welfare" .. .. .	34
"To Janet—a Son" .. .. .	33
	— 71
<b>Health of the Child and Adolescent</b>	
"Chance of their Lives" .. .. .	1
"Children Growing Up with Other People" .. .. .	1
"Shyness in Children" .. .. .	1
"Your Children's Sleep" .. .. .	3
"Your Children and You" .. .. .	1
	— 7
<b>Sex Education</b>	
"Human Reproduction" .. .. .	1
"Reproduction in Humans" .. .. .	1
"Reproduction in Mammals" .. .. .	1
	— 3
<b>Mental Health</b>	
"Challenge" .. .. .	1
"Help" .. .. .	6
"Stigma" .. .. .	1
"Thursday's Child" .. .. .	1
	— 9



**General Health Topics**

"Another Case of Poisoning"	..	..	..	..	..	7
"Care of Feet" .. ..	..	..	..	..	..	9
"Care of Teeth" .. ..	..	..	..	..	..	12
"City Government" .. ..	..	..	..	..	..	1
"Digestion of Foods" .. ..	..	..	..	..	..	2
"Lifting Patients at Home" .. ..	..	..	..	..	..	2
"Ears" .. ..	..	..	..	..	..	1
"Nothing to Eat but Food" .. ..	..	..	..	..	..	3
"Round Figures" .. ..	..	..	..	..	..	2
					—	39

**Accident Prevention**

"Accidents Don't Happen" .. ..	..	..	..	..	..	6
"After the Ball" .. ..	..	..	..	..	..	6
"First Aid at Home" .. ..	..	..	..	..	..	2
"How to have an Accident" .. ..	..	..	..	..	..	6
"I'm no Fool in Water" .. ..	..	..	..	..	..	6
"Phenylketonuria" .. ..	..	..	..	..	..	1
"Playing with Fire" .. ..	..	..	..	..	..	3
"That They May Live" .. ..	..	..	..	..	..	2
					—	32

**Prevention of Disease**

"Immunisation" .. ..	..	..	..	..	..	4
"Smoking and You" .. ..	..	..	..	..	..	3
"Surprise Attack" .. ..	..	..	..	..	..	1
					—	8

**Health Services Instruction**

"One Man's Story" .. ..	..	..	..	..	..	1	1
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TOTAL .. .. 228

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Of the above-mentioned films, 23 were hired from the Central Film Library, 13 were borrowed from other County Council Departments, and the remainder were the property of the County Health Department.

TABLE V

## LEAFLETS AND POSTERS ISSUED IN THE YEAR

Subject Group	No. of Leaflets issued	No. of Posters issued
Health Education .. .. .	3,380	—
Maternity and Child Welfare .. .. .	5,965	10
Sex Education .. .. .	340	—
Mental Health .. .. .	730	10
General Health Topics .. .. .	4,554	238
Accident Prevention.. .. .	3,465	19
Prevention of Illness.. .. .	19,157	312
TOTALS .. .. .	37,591	589

TABLE VI

## EXHIBITIONS AND DISPLAYS

Subject	Centre	From	To
Accident Prevention (General)	Stapleford Child Welfare Centre .. .. .	23-1-63	20-2-63
Accident Prevention (Burns and Scalds)	Stapleford C.W.C. .. .. .	21-2-63	16-3-63
Maternity and Child Welfare	Hucknall C.W.C. .. .. .	19-2-63	15-3-63
	Chilwell C.W.C. .. .. .	8-3-63	30-3-63
	Mansfield (Hermitage Avenue) C.W.C.	14-3-63	13-4-63
	Calverton C.W.C. .. .. .	23-4-63	22-5-63
	Huthwaite C.W.C. .. .. .	14-5-63	4-6-63
	Calverton C.W.C. .. .. .	19-6-63	25-6-63
Poisons	Calverton C.W.C. .. .. .	25-6-63	9-7-63
Mental Health	County Hall .. .. .	2-12-63	20-12-63

## Exhibitions and Displays

In these days of 'super-saturation' by high pressure sales advertising, the words 'Exhibition' and 'Display' can achieve only one of two things. To create in the mind of the layman an attitude of tolerant ennui or a curious expectancy that there may be at least something new to stimulate his jaded mental appetite.

The latter of course is the one to be fostered, provided the exhibitor can convince his public that the commodity he is advertising for sale is of real and lasting benefit to the buyer, for after all, the object of exhibition or display in the County is, as it were, to sell Health.



As I believe, and have so often stated, the method of quiet teaching and gentle persuasion seems to be the best of tried and tested mediums, the visual aid as a supplementary to the spoken word, can so often make the difference between success and failure in this specialised field of 'selling' Health.

It is, of course, dependent upon an audience whether exhibition or display is necessary as a visual aid, but whatever intelligence is involved, I have found it to be generally accepted that success comes more easily if one, as teacher, can say: 'Look, let me **show** you' rather than '**listen** to what I have to say'.

It is only too true that the spoken or written word is so dependent upon individual interpretation, whereas the visual aid can more easily create an immediate impact upon the viewer, especially when used to supplement a talk.

This seems to have been borne out again over the past year by the use of appropriate visual aids on the subject of Accident Prevention.

To quote to a public the difference in figures between Road Accidents and Home Accidents is accepted for what it is—unfortunate, interesting and purely statistical, but to offer to **show** the difference by some practical aid is, even savouring of shock treatment, more poignant in its effect.

The same applies to the exhibition or display concerning the busy subject of Maternity and Child Welfare.

Since statistics first became an accepted part of modern existence they have been thrust ad infinitum at the expectant mother and in many instances have not meant much, but again to be able to say to these women 'Look, this is what you can expect', has proved infinitely more successful in the ante-natal clinic, where the Health Visitor herself is becoming a keen and willing votary of the visual aid as a supplementary to her valuable Health Education talks, whether it be about the 'Physiology of Sex and Reproduction' or the dangers of poisoning by the confusing of some modern drugs with coloured sweets.

One outstanding 1963 success of the use of the exhibition approach to Health Education was the mounting of the one on 'Mental Health' at County Hall, during December of that year, and its complete success was assured by the disposal at the termination of the exhibition of much of the material supplied for display by these centres.

It is impossible to assess briefly the value of the visual aid offered in exhibition or display but I sincerely believe that with a modicum of controlled emotion in its presentation it can be a method of driving home many salient points which are often impossible of interpretation by either the spoken or written word.

Though so much of the result of Health Education is undramatic and of the future so many truths may for the moment be hidden, perhaps we could agree with George Eliot when he says: 'We cannot command veracity at will. The power of seeing and reporting truly is a form of health that has to be delicately guarded'.

## **DOMESTIC HELP SERVICE (Section 29)**

### **General Administration**

In the main the administrative structure of the Service is unchanged and it continues to operate with the County Organiser, ten District Organisers, thirteen Assistant Organisers and clerical assistance. During the year, one of the Assistant Organisers was promoted to fill the vacancy created by the retirement of Mrs. Eddowes, District Organiser for Mansfield Woodhouse and Warsop after fourteen years' service. Two other Assistants left the Service and the vacancies thus created were filled after considerable delays.

### **Central Administration**

As a matter of co-ordination and as 78% of the cases using this service are now old people, many of whom also have need of the prevention, care and after-care services provided by the Health Committee, under Section 28 of the National Health Service Act, the central administration of the Home Help Service was transferred from the Maternity and Child Welfare Section to the Preventive Health Section of the Health Department.

### **Establishment of Home Helps and Recruitment**

Recruitment in the southern part of the County and particularly on the perimeter of Nottingham City continued to be difficult and recruits could only be obtained in sufficient numbers to fill the gaps in the ranks created by Home Helps leaving, allowing nothing for expansion. The picture over the remainder of the County, however, was brighter and the Service as a whole continues to expand despite the difficulties.

Provision was made in the estimates for an average of 475 equivalent whole-time workers to be employed each week over the year, whilst



retaining the approved establishment of 510 which it was anticipated would be reached by March 1963.

Year by year the statistics follow a similar pattern; in the months of March and April the recruitment figure is usually at its highest and in April 1963 the establishment figure of 510 Home Helps (whole time equivalent) was actually reached, the number of Home Helps on the pay roll at that time being 737, but this figure dropped towards the autumn to a little below the target of 475 (full time equivalent), the average weekly figure for the year, but this was an improvement on the previous year's figures.

At the end of 1963 there were 743 Home Helps employed, nine of whom worked a full 42-hour week and the remainder were part-time workers.

The term "part-time" in this instance is somewhat misleading, many of the women working from 9 a.m. to 5 p.m. for a five-day week.

In a Service such as this, the demand is largely for part-time help, the exception being some maternity cases and those involving families of small children needing care during the illness of the mother. It is, therefore, more practical to keep the number of full-time workers to a minimum. This somewhat elastic need enables us to make use of the volunteer who has spent the earlier years of her married life rearing her family and who now feels the necessity to widen her interests even though she may not be available for full-time employment.

### The Cases Served

The annual statistics required by the Ministry of Health have been adjusted to give a little more detail on the cases served, and for 1963 the figures are as follows:—

Those over 65 years .. .. .	4,284
Those under 65 years:—	
(a) Maternity Cases .. .. .	549
(b) Chronic Sick and Tuberculous .. .. .	293
(c) Mentally Ill .. .. .	25
(d) Other .. .. .	335
	<hr/>
	1,202
	<hr/>
	5,486
	<hr/>

The figures for the previous year were as follows:—

Maternity Cases .. .. .	609
Tuberculous Cases .. .. .	43
Chronic Sick, Aged and Infirm .. .. .	4,315
Others .. .. .	381
	<hr/>
	5,348
	<hr/>

The total number of cases is showing an increase year by year and the number of cases served in 1963 exceeded those of 1962 by 138, a greater increase than the year before.

The winter of 1961/2 which brought hardship to many, was even exceeded by the record low temperatures of the first three months of 1963. Many elderly householders who had closed their homes for Christmas to stay with relatives returned to frozen pipes, and even those who had remained at home failed to keep their water supply, making cleaning and cooking a battle of wits for those who were responsible for it. Many Home Helps had to obtain water in buckets from the more fortunate neighbours, and there was one instance where a three-gallon urn and a large kettle were conveyed from County Hall over the frozen roads to a maternity case where the Home Help was unable to cope with the twins' "smalls" until a supply of water arrived. There was no water in many houses on either side of the flat.

The inevitable burst pipes which followed when the thaw eventually set in brought even further domestic chaos and many of the old people were quite incapable of coping with the ensuing emergency, leaving many extra duties to the Home Helps who made a special effort to rise to the occasion.

### **Rate of Pay to Home Helps**

On the recommendation of the National Joint Council for Local Authority Services (manual workers) the rate of pay to Home Helps was increased from  $3/7\frac{7}{8}$  to  $3/9\frac{3}{8}$  on March 4th, 1963, and to  $3/10\frac{7}{8}$  on the 2nd September. Provision has been made for a further increase of  $1\frac{1}{2}$ d. an hour on 7th September, 1964, and  $1\frac{1}{2}$ d. per hour on the 6th September, 1965. There is also an additional payment of 2d. per hour for those serving in Tuberculous homes and cases of certain other specified infectious diseases, and this additional pay has been extended to those who have taken the special Training Course for Home Helps working with Problem Families when in such homes or in exceptionally neglected homes. Provision is made for overtime rates to be paid for Saturday afternoon and Sunday duty, when this is necessary. Most Home Helps prefer to work a five-day week but are willing to extend their hours when called upon to do so.

### **The Charge for the Service**

The increase in the rate of pay to Home Helps in the Spring accounted for the adjustment in the charge for the Service from 4/- to 4/6 an hour on 13th May, 1963, to those outside the scope of the Scale of Assistance.

As a result of this increase there were some cancellations of the Service among the 14% of the users who pay the standard charge; this figure represents 768 householders.



### **Insurance—Liability of the Householder**

The implications of a High Court Action in which a Home Help (not of this County) sustained a claim against a householder for damages for a fractured wrist when she fell down the cellar steps at the home were considered by the Clerk of the County Council. He considered that if each individual householder obtained the necessary insurance cover to provide for such an eventuality, the premium of 15/- to £1 could cause hardship in some instances. An insurance policy has, therefore, been taken out by the County Council which is extended to all users of the Service, to cover their liability. This has two advantages:—

- (a) that in the event of a Home Help sustaining an injury on duty she would be able to look to an Insurance Company for damages and not to the householder;
- (b) that the wide indemnity against claims hitherto required to be given to the County Council by the householder is dispensed with.

### **Training Scheme for Home Helps Working with Problem Families**

In my last report I mentioned that plans were being made to give a basic training to a few selected Home Helps who volunteered to work with Problem Families.

The first Course of nine sessions was held at the Abbott Road Centre in April and May for Home Helps in mid-County. The subjects included talks, discussions and practical demonstrations on subjects such as mothercraft, cleaning, washing and cooking (all with very limited equipment) and on improvisation.

Talks on the theory of the problem family, relationships within the family, the legal aspect of property dilapidations, budgeting for rent, fuel, food and clothing, all helped to give the Home Helps confidence; visual aids such as films on the prevention of home accidents and on kitchen hygiene and the careful clean handling of food, helped to impress upon them the importance of their good example in household management.

The knowledge gained of the work and responsibilities of other official visitors to such homes helped to make the Home Helps realise that they are not battling alone in the fight to keep children within the family unit and to prevent another generation of problem families arising.

The various items in the programme were contributed by Health Visitors, the Health Education Officer, the County Health Inspector, the Homecraft Adviser and members of the staff of the Children's Department, by a Social Worker for the Nottingham Council of Social Services and by Miss Cottee, the County Home Help Organiser who was responsible for the planning and running of the Course.

A Handbook based on the talks given is in the course of preparation.



A second Course was held in the Autumn for Home Helps in the southern part of the County and at the end of each school certificates were distributed to the Home Helps.

It is early yet to assess the success with which this social experiment is meeting; mental instability on the part of some of the parents and the apathy which is common in such families make this necessarily a long-term policy. The enthusiasm with which the Home Helps are tackling their arduous task has earned the admiration of us all and I am grateful to all those who contributed to the Course.

### **Equipment**

It is frequently found that problem family homes are almost entirely lacking in domestic equipment and Committee authority has been given to the purchase of essential items such as brooms, buckets, window leathers etc., where these cannot be obtained by other means.

## **The Ancillary Services**

### **The Family Help Service**

This Service is used where the mother of a family is absent from home for reasons such as illness or confinement in hospital, death or desertion. It is afforded on recommendation of the Children's Officer where appropriate as an alternative to admitting the children into "care," and the payment is based on the pay received by a House Mother, whether she be resident or non-resident. No cases were served in 1963, the needs of borderline cases being adequately covered by the Home Help Service.

### **The Night Attendant Service**

This is an emergency service to cover the needs of those who are too ill to be left at night and is mostly supplied to those living alone, though there are few exceptions where relief is given to those who are unable to get sufficient rest because they are nursing chronic invalids. During the year eight cases were served with a total of 1,326 hours.

Night Attendants are paid £1-0-0 per night irrespective of the hours worked (which usually vary between eight and ten hours per night) and the charge for the Service is £1-2-6 per night. Where a patient is unable to afford this charge the Scale of Assistance is applied.

### **The Evening Service**

Home Helps who volunteer to call in the evening to give attention to the elderly house-bound people who are no longer capable of entirely looking after themselves are paid the same rate as for the Home Help Service. Usually an hour or less in the evening suffices to see them to bed. Many Home Helps prefer to do this service as a voluntary effort and do not accept pay. The help given adds considerably to the comfort and sense of security of the old people who prefer to remain in their own homes as long as possible.



## MENTAL HEALTH SERVICE (Sections 28 and 51)

### Administration

It was envisaged in the Local Health Authority's Ten-Year Plan prepared in accordance with Ministry of Health Circulars 2/62 and 7/62 that the continued development of a specialised Mental Health Service would make it necessary to consider the complete separation of the Mental Health and Welfare Services which had hitherto operated jointly at field officer level. In the event, the Health and Welfare Committees agreed to terminate their joint arrangements as from 1st October, 1963, and a separate Mental Health Service was introduced as from that date.

This presented a number of problems, not least of which was that which faced the individual field officer who, within limitations imposed by establishment considerations, found himself in a situation in which he had to decide—after many years in the 'joint' field—in which particular Service he wished to pursue his future career. Additionally, of course, there were problems of an administrative nature concerning such matters as staffing establishment, office accommodation, and the re-organisation of the Mental Health districts within the County area. Since 1948 there had been ten joint Welfare and Mental Health Districts whose boundaries had coincided with County District Council boundaries. This arrangement had been of no particular benefit to the Mental Health Service and the opportunity was now presented of revising these areas, not only in order to secure a more equitable distribution of population, but so as to relate them more realistically to the administrative structure of the Hospitals which serve them. Thus, it was decided to divide the County into six Mental Health districts which coincide as nearly as possible with the areas served by the various Hospital Out-patient Clinics. Not only should this arrangement facilitate the "team" approach to all problems concerning the mentally disordered, but it should simplify the continued implementation of a scheme now agreed upon between the Local Health Authority and the Nottingham No. 4 Hospital Management Committee for the provision of a completely unified hospital and community social work service.

As regards the staffing of the Service, difficulty is still being experienced in the recruitment of trained and/or experienced staff. Although a second Psychiatric Social Worker commenced duty in September 1963, the same month saw the departure of the Psychiatric Social Worker in post who resigned to take up a post as Tutor to a "Younghusband" Course at a Technical College in Essex. Three of the Welfare Assistants who had been appointed jointly with the County Welfare Department at the beginning of the year were transferred to the separate Mental Health Service in October, and a further Welfare Assistant was appointed in November to replace one of these who was seconded for training. There remained one vacancy for a District Mental Health Officer at the end of the year and this placed an additional burden on the officer in the adjoining district who covered two districts until the vacancy could be filled.



The building work on the new Junior Training Centre and Hostel at Appleton Gate, Newark, was almost completed by the end of the year and both establishments were taken into use in the early part of 1964.

Planning of the new Adult Training Centre (150 places) and the associated thirty-place Hostel at Rainworth also went ahead. Both are now under construction and should be completed by the end of 1964. There was considerable opposition from local residents to the Hostel proposal and, after meetings with their representatives, the matter was ultimately referred to the Ministry of Housing and Local Government. Much obviously remains to be done before the general public are prepared to give their unqualified support to the dictum of 'community care' and, without such support, the best-laid schemes cannot entirely succeed.

Mention was made in last year's report that a site at Sutton-in-Ashfield had been found for a sixty-place Day Centre for the mentally ill. Unfortunately, however, this project has had to be deferred until 1964-65 because of unexpected complications over the formal acquisition of the site, which have now been resolved.

### **Voluntary Associations**

The Authority continued to provide practical work placements at their Mansfield and Mapperley Training Centres for students taking Diploma Courses for Teachers of the Mentally Handicapped, and these facilities were extended during the year to include the Retford Training Centre.

Relationships with the various local branches of the National Society for Mentally Handicapped Children have continued on amicable lines and samples of work done at the Mapperley Training Centre were made available to the Nottingham Branch of the Society for exhibition at their Autumn Fair. This branch kindly offered to make available to the County Council their new purpose-built Social and Recreational Centre at Harpenden House, Edwards Lane, Nottingham, for use during the day in connection with the training of the mentally subnormal. After investigating the possible ways of utilising the premises to the best advantage, it was decided to use them, as from 3rd September, 1963, for the training of the adult females who were attending the Mapperley Centre. In this way, additional accommodation for juniors became available at the Mapperley Centre without which a substantial waiting list would inevitably have accrued.

### **Training of Staff**

In September, two members of the staff, one male and one female, returned after successfully completing the Diploma Course for Teachers of the Mentally Handicapped, and one male member of the staff commenced a similar course of training on secondment by the Authority.



Early in the year three more Welfare Assistants were appointed by the Health and Welfare Committees to work jointly in the Mental Health and Welfare Services, and arrangements were made for them to undertake an initial nine-week in-service training programme similar to that which was arranged for the Welfare Assistants appointed in 1962 and to which I referred in some detail in my last Report.

To enable the Welfare Assistants to have the opportunity of group discussion, fortnightly meetings have continued to be held under the guidance of the Case Worker in Mental Health who also exercises general supervision of their day-to-day work in conjunction with the appropriate District Mental Health Officers.

In September 1963, one of the Welfare Assistants commenced a full-time two-year course for the National Certificate in Social Work on secondment by the County Council and it is intended that the remainder shall be given this opportunity in future years.

### **Work Undertaken in the Community**

#### **Prevention of Illness, Care and After-care**

The tables which follow on the next page show the number of patients referred during the year and the number under Local Health Authority care on the 31st December, 1963:—

Referred during the year

Referred by	Mentally III				Subnormal and Severely Subnormal				Totals 1963	Totals 1962
	Under Age 16		16 and over		Under Age 16		16 and over			
	M	F	M	F	M	F	M	F		
	Total		Total		Total		Total			
General Practitioners .. .. .	—	2	206	336	2	8	5	3	18	655
Hospitals—on discharge from in-patient treatment .. .. .	—	—	44	32	2	2	2	6	12	114
Hospitals—after or during out-patient or day treatment .. .. .	1	5	31	29	—	1	3	3	7	100
Local Education Authorities .. .. .	—	—	1	—	26	23	6	11	66	88
Police and Courts .. .. .	—	—	24	16	—	2	2	—	4	62
Other Sources .. .. .	1	2	146	185	15	14	24	30	83	339
<b>TOTALS</b> .. .. .	2	9	452	598*	45	50	42	53	190	1,251
										1,358

\* Includes 3 patients classified as Psychopaths.

† Includes 8 patients classified as Psychopaths.

Under Care at 31-12-63

Category	Under Age 16		16 and over		Totals at 31-12-62
	Males	Females	Males	Females	
	Totals		Totals		
Mentally III .. .. .	—	2	181	104	181
Psychopaths .. .. .	—	—	6	—	5
Subnormal .. .. .	7	3	380	260	660
Severely Subnormal .. .. .	166	121	289	330	848
<b>TOTALS</b> .. .. .	173	126	856	694	1,694



### Hospital Care

The work undertaken during the year by the Authority's officers in securing treatment for persons suffering from mental disorder is shown in the following table:—

Action Taken	Mental Illness			Mental Subnormality			Totals	Totals 1962
	Males	Females	Total	Males	Females	Total		
Referred to Psychiatric Out- patient Clinics ..	58	88	146	59	29	88	234	193
Informal admissions ..	87	108	195	9	23	32	227	221
Admissions under Mental Health Act, 1959:—								
Section 26 ..	5	7	12	1	—	1	13	13
Section 25 ..	17	27	44	—	—	—	44	26
Section 29 ..	88	126	214	—	—	—	214	227
Totals ..	255	356	611	69	52	121	732	680

### Short-term Care

Short-term care was arranged during the year in the following cases:—

Category	Males		Females		Totals
	Under 16	16 and over	Under 16	16 and over	
Subnormal .. ..	3	10	3	9	25
Severely Subnormal ..	80	49	38	42	209
Totals .. ..	83	59	41	51	234

All the patients referred to were accommodated in hospital for periods of three weeks or more and once again there was an increase in the total number of cases assisted.

## Training Centres

The following table shows the numbers receiving training or occupation in Training Centres on 31st December, 1963:—

Centre	Males		Females		Total
	Under 16	16 and over	Under 16	16 and over	
Mansfield .. ..	30	29	23	19	101
Mapperley .. ..	43	41	20	37	141
Retford .. .. .	30	10	24	24	88
*Out-County Centres ..	2	—	1	1	4
Totals .. .. .	105	80	68	81	334

\* By arrangement with the responsible Local Health Authorities.

The official opening ceremony of the Retford Centre was performed by H.M. Lieutenant of Nottinghamshire, Major-General Sir Robert Laycock, K.C.M.G., C.B., D.S.O., on 18th June, 1963.

The transfer during the year of the adult female patients to the Social and Recreation Centre of the Nottingham and District Society for Mentally Handicapped Children facilitated the admission of additional juniors to the Mapperley Centre which, with the ancillary premises referred to, can now provide a total of 150 places.

The need for special care facilities both at Mapperley and Mansfield becomes more urgent and staff at these Centres are now under considerable pressure because of the admission of certain children for whom existing facilities are really inadequate. This is a situation which is likely to persist until it is possible to carry out the necessary adaptations following the transfer of the older patients to the new Adult Centre at Rainworth.

## Home and Group Teaching

The following is a summary of the work undertaken during the year by the two Home Teachers:—

### Group Classes:

Number of Classes at 31-12-63 .. .. .	..	..	..	..	3
Number on Register at 31-12-63 .. .. .	..	..	<i>Males</i> 2	<i>Females</i> 8	<i>Total</i> 10
Sessions held .. .. .	..	..	..	..	90
Total Attendances .. .. .	..	..	..	..	303



## Individual Home Visits:

Number under instruction at 31-12-63—	Males	Females	Total
Subnormal and Severely Subnormal ..	9	24	33
Mentally Ill .. .. .	9	3	12
	<hr/>	<hr/>	<hr/>
	18	27	45
Number of visits in 1963 .. .. .			1,310

The Arnold Group Teaching Class was discontinued in August and other arrangements were made for the few patients who had previously attended.

## SECTION VII

## NATIONAL ASSISTANCE ACTS, 1948 and 1951

## (I) Incidence of Blindness

## (a) Follow-up of Registered Blind and Partially Sighted Persons

(i) Number of cases registered during the year in respect of which para. 7 (c) of forms B.D.8 recommends :—	Cause of Disability			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
(a) No treatment ... ..	35	3	—	100
(b) Treatment (medical surgical or optical) ... ..	38	10	—	52
(c) Treatment (Hospital supervision) ... ..	2	2	—	6
(ii) Number of cases at (i) (b) above which on follow-up action have received treatment ... ..	17	5	—	30

## (b) Ophthalmia Neonatorum

(i) Total number of cases notified during the year ... ..	4
(ii) Number of cases in which :—	
(a) Vision Lost ... ..	Nil
(b) Vision Impaired ... ..	Nil
(c) Treatment continuing at end of year ... ..	Nil



## (2) Epileptics and Spastics

The County Council have an approved scheme under the National Assistance Act, 1948, for promoting the welfare of general classes of handicapped persons including epileptics and spastics, which is administered by the County Welfare Committee and designed to ensure to persons who apply for assistance the benefit of all existing statutory and voluntary services and consideration of their needs in relation to the development of welfare services.

The service is administered by the County Welfare Officer who refers to me questions of medical eligibility for registration and any cases of persons suffering from tuberculosis or mental disability which come to his notice. The assistance of the Nottingham and Nottinghamshire Council for the Welfare of the Physically Handicapped, and other voluntary organisations is enlisted in appropriate cases.

The following cases are registered with the County Council for Welfare Services under the National Assistance Act, 1948:—

Epileptics .. .. .	76
Cerebral Palsy .. .. .	71
Epilepsy and Cerebral Palsy .. .. .	2

## SECTION VIII

## STAFF

The following is a list of personnel employed on the 31st December, 1963 :—

*County Medical Officer and Principal School Medical Officer —*

A. R. MARGETTS, M.B., B.S., D.P.H., D.C.H.

*Deputy County Medical Officer—*

R. S. MALE, M.B., Ch.B., M.R.C.P., D.P.H., D.C.H.

*Senior Administrative Medical Officer—*

P. C. MOORE, B.Sc., M.B., B.Ch., D.Obst.R.C.O.G., D.P.H.

*Senior Medical Officer for Maternity and Child Welfare—*

J. A. FORBES, M.B., Ch.B., D.Obst.R.C.O.G., D.P.H.

*Medical Officer for Mental Health—*

E. ROITH, M.B., B.Ch., B.A.O., D.P.M., D.P.H.

## Clinical Medical Staff

*Senior Clinical Medical Officers (for Maternity and Child Welfare and School Health Services)—*

A. J. JOHNSON, M.B., B.Ch., D.T.M. & H.

N. D. PATON, M.B., Ch.B., D.T.M. & H., D.P.H.

*Assistant County Medical Officers (for Maternity and Child Welfare and School Health Services)—*

*Whole-time—*

H. M. BIRKS, M.R.C.S., L.R.C.P.

D. R. BROOK, M.B., Ch.B.

J. M. FINBOW, M.B., Ch.B.

J. GOLDSBROUGH, M.B., B.S.

M. M. REGAN, M.B., B.Ch., B.A.O.

*Part-time—*

S. E. ANNESLEY, M.B., B.Ch.

B. N. BALLANTINE, B.Sc., M.B., B.S.

H. L. BARKER, M.D., B.S., D.P.H.

I. M. BUCKLE, M.B., Ch.B.

A. E. CARR, M.B., Ch.B.

R. N. COLLEY, M.B., B.S., M.R.C.S., L.R.C.P., D.Obst.R.C.O.G.

L. M. CRAM, M.B., B.S.

J. M. CUMMINS, B.A., M.B., B.Ch., B.A.O., L.M., D.P.H.

E. DOUGLAS, M.B., Ch.B., D.P.H.

P. M. GRAY, M.B., B.S., M.R.C.S., L.R.C.P.

M. J. GRICE, M.B., Ch.B.

P. J. E. HUBBARD, M.R.C.S., L.R.C.P., M.B., B.Ch., D.Obst.R.C.O.G.

M. C. JEFFRIES, M.B., B.S.

K. M. MORTON, M.B., Ch.B.

D. NIXON, M.B., B.S., M.R.C.S., L.R.C.P., D.Obst.R.C.O.G.

J. WAUGH, M.B., B.S.

M. C. WAY, B.M., B.Ch., D.C.H., D.T.M. & H.

Four general medical practitioners were also employed for Sessional duties on a Fee basis.



*Assistant County Medical Officers and Medical Officers of Health of County Districts—*

- E. BEBBINGTON, M.B., Ch.B., D.P.H.  
Beeston and Stapleford Urban District
- J. D. CARROLL, M.B., B.Ch., B.A.O., L.M., D.P.H., D.C.H.  
Mansfield Woodhouse and Warsop Urban Districts
- C. CROSS, M.B., Ch.B., D.P.H.  
West Bridgford Urban and Bingham Rural Districts
- J. S. DRUMMOND, M.B., B.Ch., D.P.H.  
Mansfield Borough
- J. V. LOUGHLIN, M.B., B.Ch., B.A.O., D.P.H.  
Kirkby-in-Ashfield and Hucknall Urban Districts
- M. B. McCANN, L.R.C.S., L.R.C.P., D.P.H.  
Worksop Borough and Worksop Rural Districts
- T. S. McKEAN, M.B., Ch.B., D.P.H.  
Sutton-in-Ashfield Urban District
- H. D. B. NORTH, M.Sc., M.B., Ch.B., D.P.H.  
Newark Borough, Newark Rural and Southwell Rural Districts
- W. R. PERRY, M.B., B.S., D.P.H.  
Eastwood Urban and Basford Rural Districts
- H. D. H. ROBINSON, M.R.C.S., L.R.C.P., D.P.H.  
Arnold and Carlton Urban Districts
- G. TATTERSALL, M.A., M.B., B.Ch., B.A.O., D.P.H.  
East Retford Borough and East Retford Rural District

*Assistant County Medical Officer and Deputy Medical Officer of Health of the Borough of Mansfield—*

- M. GIBBS, M.R.C.S., L.R.C.P., D.P.H.

*Medical Superintendent, Sherwood Village Settlement—*

D. DAVIES, M.D., M.R.C.P.

Employed by the Regional Hospital Board as Physician Superintendent,  
Ransom Hospital*Children's Psychiatrists—*

T. A. RATCLIFFE, M.A., M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.M., D.C.H.

E. ARKLE, M.D., D.P.M.

Drs. Ratcliffe and Arkle are employed by the Regional Hospital Board

**Dental Staff***County Dental Officer—*

D. E. MASON, O.B.E., L.D.S.

*Orthodontist—*

J. I. McCracken, L.D.S.

*Dental Officers—**Whole-time—*

M. ARMITAGE, L.D.S.

A. R. OSMAN, B. Ch.D.

S. MELLOR, L.D.S.

*Part-time—*

S. I. ANDREW, L.D.S., B.D.S.

G. PEARSON, L.D.S.

C. E. BRIDE, L.D.S.

J. E. PRESTON, L.D.S.

M. J. S. HUNTER, L.D.S.

A. J. ROLFE, L.D.S., B.D.S.

D. P. JAMES, L.D.S.

C. STURE, L.D.S., B.Ch.D.

M. J. McKENNY, B.D.S.

Vacancies equal to the time of approximately twelve Dental Officers.

All Dental Officers are employed by the Education Committee but undertake  
Maternity and Child Welfare as well as School Health Service work.**Nursing and Allied Staff***Superintendent Health Visitors—*

E. BOWLER, S.R.N., S.C.M., H.V.Cert.

A. COLLISHAW, S.R.N., S.C.M., H.V.Cert.

C. J. McHENRY, S.R.N., S.C.M., H.V.Cert.

Health Visitors ..... 74—including 6 part-time (Vacancies 11)

Tuberculosis Visitors ..... 5

School Nurses ..... 15—including 2 part-time

Geriatric Nurses ..... 2

Paediatric Nurse ..... 1

Assistant Clinic Nurses ..... 16—including 15 part-time (1 Vacancy)

Dental Auxiliary ..... 1—with 3 Vacancies

Dental Surgery Assistants ..... 11—including 1 part-time (Vacancies 13)



*Midwifery**Senior Non-Medical Supervisor of Midwives—*

M. K. COLLINS, S.R.N., S.C.M., H.V.Cert.

*Assistant Non-Medical Supervisor of Midwives—*

M. ALLCOCK, S.R.N., S.C.M.

County Midwives ..... 72—including 11 part-time (Vacancies 11)

*Day Nurseries**Matrons*

Beeston	.....	M. D. ASHER, S.R.N.
Carlton	.....	A. BRAWN, N.N.E.B.
Mansfield (Bull Farm)	.....	M. BREWSTER, S.R.C.N.
Stapleford	.....	S. FLETCHER, S.R.N.
West Bridgford	.....	M. BECKETT, N.S.D.N.D.

*Home Help Service**Organiser—*

M. W. COTTEE

District Organisers ..... 10

**Mental Health Staff***Senior Mental Health Officer—*

W. A. FROST

District Mental Health Officers	.....	5—with 1 Vacancy
Welfare Assistants	.....	3
Case Workers	.....	1—with 2 Vacancies
Female Supervisors, Training Centres	.....	4
Female Home Teachers for Mentally Defective Persons	.....	2

### Staff for Other Special Services

*County Ambulance Officer—*  
F. E. JOLLEY

*County Health Inspector—*  
G. H. EARNSHAW

*County Almoners—*  
S. M. CUTTS  
With 3 Vacancies

*Health Education Officer—*  
N. S. WASS

*Assistant Health Education Officers—*  
P. A. T. BAXTER  
With 1 Vacancy

*Sherwood Industries (Village Settlement) General Manager—*  
W. H. TIPPING

*Teacher of the Deaf—*  
J. GROSSMAN

*Milk Samplers—*  
Two

### Central Office Staff

*Lay Administrative Assistant and Chief Clerk—*  
E. GILLOTT

*Senior Administrative Assistant—*  
R. J. MARLOWE

*Senior Clerks of Sections—*  
*Accounts—*  
H. R. ADAMS

*Staff—*  
J. M. ANSON

*School Health Service—*  
W. R. CLEMENS

*Preventive Health Services—*  
R. GOSPEL

*Maternity and Child Welfare Services—*  
L. HOCKIN

*Ambulance Service—*  
A. LEIVERS

*Mental Health Service—*  
E. LEWIS



**Names and Addresses of the Medical Officers of Health of the  
Twenty County Districts  
As at 31st December, 1963**

<i>District</i>	<i>Medical Officer of Health</i>	<i>Address</i>	<i>Telephone No.</i>
<b>BOROUGHES</b>			
EAST RETFORD	G. Tattersall	Municipal Offices, Chancery Lane, Retford.	Retford 2561
MANSFIELD	J. S. Drummond	Public Health Department, Gilcroft Street, Mansfield	Mansfield 1296
NEWARK	H. D. B. North	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
WORKSOP	M. B. McCann	Health Department, Park House, Park Street, Worksop.	Worksop 2405
<b>URBAN DISTRICTS</b>			
ARNOLD	H. D. H. Robinson	Health Department, Arnot Hill House, Arnold.	Nottingham 26-8584
BEESTON AND STAPLEFORD	E. Bebbington	Public Health Department, The Willows, Dovecote Lane, Beeston.	Nottingham 25-4891
CARLTON	H. D. H. Robinson	Public Health Department, Council House, Burton Road, Carlton.	Nottingham 24-8231
EASTWOOD	W. R. Perry	Council Offices, Church Street, Eastwood.	Langley Mill 3022
HUCKNALL	J. V. Loughlin	Council Offices, Hucknall.	Hucknall 2242
KIRKBY-IN- ASHFIELD	J. V. Loughlin	Council Offices, Urban Road, East Kirkby.	Kirkby-in- Ashfield 2371
MANSFIELD WOODHOUSE	J. D. Carroll	Public Health Department, Manor House, Mansfield Woodhouse.	Mansfield 1891
SUTTON-IN- ASHFIELD	T. S. McKean	Public Health Department, Forest Street, Sutton-in-Ashfield.	Sutton-in- Ashfield 3081
WARSOP	J. D. Carroll	Health Department, Town Hall, Warsop.	Warsop 2637
WEST BRIDGFORD	C. Cross	Health Department, 70 Bridgford Road, West Bridgford	Nottingham 89651
<b>RURAL DISTRICTS</b>			
BASFORD	W. R. Perry	Health Department, Rock House, Stockhill Lane, Basford, Nottingham.	Nottingham 76677
BINGHAM EAST RETFORD	C. Cross G. Tattersall	Council Offices, Bingham. Municipal Offices, Chancery Lane, Retford.	Bingham 391 Retford 2471
NEWARK	H. D. B. North	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
SOUTHWELL	H. D. B. North	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
WORKSOP	M. B. McCann	Council Offices, Highfield House, Carlton Road, Worksop.	Worksop 2123

SECTION IX

STATISTICAL  
TABLES

STATISTICAL TABLES FOR THE UNITED STATES  
1917-1918  
BUREAU OF ECONOMIC RESEARCH  
DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C.  
1919



TABLE I

**NOTTINGHAMSHIRE  
BOROUGH AND URBAN DISTRICTS**

Vital Statistics for the Year 1963

BOROUGH AND URBAN DISTRICTS	Area in Acres (Land and Inland Water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population 1961	Population estimated to the middle of 1963	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age		Deaths			Death Rate from Pulmonary Tuberculosis per 1,000 of population	Death Rate from ALL Tuberculous Diseases per 1,000 of population
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000	Number	Rate (Crude)	Rate (Corrected)		
MANSFIELD (Borough) ...	7,009	7.7	17,402	3.06	53,218	54,130	994	18.4	18.7	19	18.8	—	—	20	20.1	646	11.9	12.9	0.06	0.06
WORKSOP (Borough) ...	17,936	1.9	10,771	3.19	34,311	35,140	678	19.3	18.9	11	16.0	—	—	9	13.3	328	9.3	11.7	0.03	0.03
NEWARK (Borough) ...	3,364	7.3	7,932	3.11	24,651	24,670	436	17.7	17.9	5	11.3	—	—	8	18.3	290	11.8	12.9	0.04	0.08
EAST RETFORD (Borough)...	4,657	3.9	5,809	3.06	17,792	18,130	336	18.5	18.3	3	8.8	1	2.9	6	17.9	240	13.2	13.0	—	—
ARNOLD ... ..	4,506	6.3	8,912	3.01	26,829	28,570	538	18.8	17.7	5	9.2	—	—	7	13.0	258	9.0	11.1	0.07	0.07
BEESTON & STAPLEFORD...	6,468	8.9	18,543	3.02	55,995	57,700	1,085	18.8	17.7	13	11.8	—	—	21	19.4	541	9.4	12.1	0.05	0.07
CARLTON ... ..	4,017	9.8	12,862	3.09	38,815	39,510	684	17.3	17.3	6	8.7	—	—	10	14.6	402	10.2	12.0	0.05	0.05
EASTWOOD ... ..	1,178	9.2	3,324	3.19	10,607	10,890	238	21.9	21.2	5	20.6	—	—	8	33.6	117	11.7	15.0	0.09	0.09
HUCKNALL ... ..	4,032	6.0	7,541	3.09	23,269	24,270	474	19.5	19.7	4	8.4	—	—	8	16.9	228	9.4	11.8	0.04	0.04
KIRKBY-IN-ASHFIELD ...	5,830	3.4	6,928	3.13	21,686	21,980	434	19.7	19.0	9	20.3	1	2.3	14	32.3	250	11.4	13.9	—	—
MANSFIELD WOODHOUSE	4,831	4.5	6,216	3.25	20,197	21,700	470	21.7	19.7	15	30.9	2	4.1	6	12.8	224	10.3	15.1	—	—
SUTTON-IN-ASHFIELD ...	10,507	3.9	13,079	3.09	40,441	40,680	710	17.5	17.8	17	23.4	1	1.4	21	29.6	464	11.4	13.9	0.02	0.05
WARSOP ... ..	7,171	1.6	3,531	3.29	11,606	11,720	234	20.0	20.0	6	25.0	—	—	8	34.2	114	9.7	13.3	—	—
WEST BRIDGFORD ... ..	3,046	8.8	9,507	2.84	26,973	27,090	453	16.7	16.2	8	17.4	—	—	8	17.7	354	13.1	11.9	0.04	0.04
TOTALS ... ..	84,552	4.9	132,357	3.07	406,390	416,180	7,764	18.7	18.3	126	16.0	5	0.6	154	19.8	4,456	10.7	12.6	0.04	0.05

TABLE II

NOTTINGHAMSHIRE  
RURAL DISTRICTS

## Vital Statistics for the Year 1963

RURAL DISTRICTS	Area in Acres (Land and Inland Water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population Census 1961	Population estimated to the middle of 1963	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age			Deaths			Death Rate from Pulmonary Tuberculosis per 1,000 of population	Death Rate from ALL Tuberculous Diseases per 1,000 of population
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000	Number	Rate (Crude)	Rate (Corrected)	Number		
BASFORD	69,825	0.89	19,278	3.12	60,225	62,590	1,170	18.7	18.1	21	17.6	—	—	21	17.9	572	9.1	11.5	0.03	0.05	
BINGHAM	67,583	0.41	7,636	3.29	25,170	27,720	577	20.8	20.6	5	8.6	—	—	10	17.3	330	11.9	10.7	—	—	
WORKSOP	28,515	0.63	5,270	3.39	17,861	18,120	363	20.0	19.0	11	29.4	—	—	15	41.3	200	11.0	14.5	—	—	
EAST RETFORD	111,034	0.21	6,536	3.37	22,013	23,010	401	17.4	17.8	9	22.0	1	2.4	3	7.5	233	10.1	10.7	0.04	0.04	
NEWARK	41,550	0.36	4,286	3.17	13,580	14,950	280	18.7	18.2	5	17.5	—	—	4	14.3	146	9.8	11.3	0.20	0.20	
SOUTHWELL	118,587	0.41	14,316	3.20	45,850	48,400	960	19.8	19.6	18	18.4	1	1.0	25	26.0	462	9.5	11.5	0.02	0.02	
TOTALS	437,094	0.44	57,322	3.22	184,699	194,790	3,751	19.3	18.9	69	18.1	2	0.5	78	20.8	1,943	10.0	11.6	0.04	0.04	



**TABLE III** **NOTTINGHAMSHIRE** **Vital Statistics for the Year 1963**  
**WHOLE ADMINISTRATIVE COUNTY**

	Area in Acres (Land and Inland Water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population 1961	Population estimated to the middle of 1963	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age		Deaths		Death Rate from Pulmonary Tuberculosis per 1,000 of population	Death Rate from ALL Tuberculous Diseases per 1,000 of population	
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000 Live Births	Number	Rate (Crude)			Rate (Corrected)
URBAN DISTRICTS	84,552	4.9	132,357	3.07	406,390	416,180	7,764	18.7	18.3	126	16.0	5	0.6	154	19.8	4,456	10.7	12.6	0.04	0.05
RURAL DISTRICTS	437,094	0.44	57,322	3.22	184,699	194,790	3,751	19.3	18.9	69	18.1	2	0.5	78	20.8	1,943	10.0	11.6	0.04	0.04
WHOLE ADMINISTRATIVE COUNTY	521,646	1.17	189,679	3.12	591,089	610,970	11,515	18.8	18.5	195	16.7	7	0.6	232	20.1	6,397	10.5	12.4	0.04	0.05

TABLE IV INFANT MORTALITY AND STILL-BIRTH RATES, 1959-1963

	Infantile Mortality (All Infants Under One Year)			Neo-Natal Mortality (Infants Under One Month Only)			Early Neo-Natal Mortality (Infants Under One Week Only)			Perinatal Mortality (Stillbirths & Deaths Under One Week)				Stillbirth Rate Per 1,000 Live and Stillbirths												
	1959	1960	1961	1962	1963	1959	1960	1961	1962	1963	1959	1960	1961	1962	1963	1959	1960	1961	1962	1963						
	England and Wales ...	22.2	21.9	21.6	21.6	21.1	15.8	15.6	15.5	15.1	14.2	13.6	13.4	13.4	13.0	12.3	34.2	32.9	32.2	30.8	29.3	21.0	19.7	19.1	18.1	17.2
Whole County ...	21.0	23.0	17.7	22.0	20.1	14.6	15.8	11.7	15.5	12.7	12.2	12.9	10.1	12.7	11.1	33.0	33.2	28.7	30.9	27.6	21.0	20.6	18.8	18.5	16.7	
Aggregate of Urban Districts	21.9	24.0	18.1	22.1	19.8	15.3	16.3	12.4	15.2	12.9	12.9	12.7	10.9	12.0	11.5	34.4	32.9	29.4	29.8	27.2	21.7	20.5	18.7	18.0	16.0	
Aggregate of Rural Districts	19.0	20.8	17.0	21.6	20.8	13.0	14.9	10.1	16.1	12.3	10.8	13.4	8.3	14.1	10.4	30.1	33.8	27.2	33.4	28.3	19.5	20.7	19.0	19.5	18.1	
Mansfield M.B. ...	23.9	32.5	15.2	26.0	20.1	18.2	24.7	10.9	11.9	17.2	15.9	18.0	10.9	10.8	15.1	32.4	41.6	27.7	30.8	33.6	16.8	24.1	17.1	20.2	18.8	
Workshop M.B. ...	21.6	22.1	22.8	25.4	13.3	18.5	10.3	18.2	13.5	8.8	18.5	8.8	13.7	10.5	7.4	40.7	38.5	32.8	29.4	23.2	22.6	30.0	19.4	19.1	16.0	
Newark M.B. ...	23.4	27.2	19.0	18.8	18.3	21.0	18.1	14.3	12.5	6.9	18.7	9.1	9.5	10.4	6.9	43.3	28.9	30.3	22.7	18.1	25.1	20.0	21.0	12.4	11.3	
East Retford M.B. ...	18.2	16.5	9.4	24.5	17.9	3.6	9.9	6.3	21.0	11.9	3.6	6.6	6.3	14.0	8.9	21.5	35.3	27.7	47.3	17.7	17.9	28.8	21.5	33.8	8.8	
Arnold U.D. ...	21.8	14.6	9.9	15.8	13.0	14.6	10.5	7.9	10.5	9.3	9.7	8.4	7.9	8.8	7.4	23.9	22.7	17.8	12.2	16.6	14.4	14.4	9.8	3.5	9.2	
Beeston and Stapleford U.D.	13.3	18.8	22.5	11.7	19.4	5.5	13.6	13.7	11.7	13.8	4.4	10.5	11.7	9.0	12.9	28.1	21.7	24.1	19.5	24.6	23.8	11.4	12.5	10.6	11.8	
Carlton U.D. ...	18.2	29.6	14.8	31.7	14.6	11.6	18.7	13.3	23.1	10.2	8.3	15.6	13.3	18.7	8.8	30.7	30.7	30.5	38.1	17.4	22.7	15.3	17.4	19.8	8.7	
Eastwood U.D. ...	—	33.0	22.6	17.3	33.6	—	28.3	13.6	17.3	21.0	—	23.6	9.1	13.0	16.8	25.1	50.5	39.4	25.6	37.0	25.1	27.5	30.7	12.8	20.6	
Hucknall U.D. ...	28.2	14.7	21.3	22.4	16.9	22.6	12.3	10.7	15.7	10.5	16.9	12.3	10.7	8.9	10.5	38.7	29.0	36.4	28.5	18.8	22.1	16.9	26.0	19.7	8.4	
Kirby-in-Ashfield U.D. ...	32.3	23.5	22.1	27.7	32.3	25.3	20.9	17.2	25.4	23.0	20.7	15.7	14.7	20.8	20.7	44.9	33.3	43.0	42.9	40.6	24.7	17.9	28.6	22.6	20.3	
Mansfield Woodhouse U.D.	22.3	22.4	15.7	24.0	12.8	12.4	7.5	11.2	10.0	8.5	9.9	5.0	11.2	10.0	8.5	33.9	31.6	26.5	38.9	39.2	24.2	26.7	15.5	29.2	30.9	
Sutton-in-Ashfield U.D. ...	29.8	30.9	17.4	24.4	29.6	17.3	17.0	11.1	14.4	11.3	14.1	15.4	11.1	10.1	8.5	35.3	39.2	40.0	35.0	31.6	21.5	24.1	29.2	25.2	23.4	
Warsop U.D. ...	36.2	36.5	24.9	25.0	34.2	27.1	26.0	19.9	25.0	25.6	27.1	20.8	14.9	25.0	25.6	52.9	55.3	34.1	39.4	50.0	26.4	35.2	19.5	14.8	25.0	
West Bridgford U.D. ...	16.9	15.8	18.2	20.3	17.7	16.9	15.8	6.8	18.0	11.0	14.5	13.6	4.5	11.3	11.0	35.5	24.6	13.5	26.6	28.2	21.3	11.2	11.2	9.0	15.5	17.4
Basford R.D. ...	20.5	20.0	17.1	16.7	17.9	13.0	14.0	9.0	9.7	9.4	10.2	14.0	8.1	7.0	7.7	30.0	32.3	30.8	32.6	25.2	20.1	18.6	22.9	25.8	17.6	
Bingham R.D. ...	13.2	8.7	26.3	20.0	17.3	8.8	6.5	14.2	18.0	8.7	8.8	6.5	14.2	18.0	6.9	23.9	23.5	29.9	27.7	15.5	15.2	17.1	15.9	9.9	8.6	
Workshop R.D. ...	13.1	31.8	9.4	32.4	41.3	9.8	22.3	6.3	18.9	22.0	6.5	15.9	3.1	16.2	16.5	38.0	49.2	18.6	37.0	45.5	31.6	33.8	15.5	21.2	29.4	
East Retford R.D. ...	16.4	27.6	14.5	25.1	7.5	9.9	16.6	11.6	19.5	5.0	9.9	13.8	5.8	19.5	5.0	16.3	32.5	25.6	27.6	26.8	6.5	19.0	19.9	8.3	22.0	
Newark R.D. ...	30.3	11.5	19.6	22.1	14.3	22.7	7.7	7.8	18.9	10.7	15.1	3.8	7.8	18.9	10.7	40.6	30.0	23.2	28.1	28.1	25.8	26.2	15.4	9.4	17.5	
Southwell R.D. ...	19.8	24.4	14.4	22.6	26.0	14.5	19.5	10.8	19.4	17.7	13.2	18.3	8.4	16.1	15.6	32.3	37.0	25.9	39.9	33.7	19.4	19.1	17.6	24.2	18.4	



TABLE V NOTTINGHAMSHIRE Abstract of Vital Statistics

Year	Estimated Population at the middle of the year	Excess of Births over Deaths	Persons per Acre	Separate Families	Persons per Household	Registered Births	Births per 1,000 of the population	Deaths under 1 year per 1,000 Births	Net Deaths	Net Death Rate per 1,000 of the population
1914	367,617	4,845	.70	...	...	9,541	25.9	107	4,696	12.7
1915	353,193	3,775	.67	...	...	8,843	25.0	112	5,068	14.3
1916	344,501	4,126	.66	...	...	8,567	22.8	95	4,441	12.8
1917	344,822	3,372	.66	...	...	7,589	19.7	95	4,217	12.2
1918	339,456	1,725	.65	...	...	7,742	20.3	100	6,017	17.7
1919	366,331	2,948	.70	...	...	7,507	19.6	95	4,559	12.4
1920	380,928	5,667	.73	...	...	9,836	25.8	85	4,169	10.9
1921	381,969	4,774	.73	85,646	4.4	9,187	24.1	86	4,413	11.5
1922	386,130	4,177	.74	...	...	8,316	21.5	69	4,139	10.7
1923	388,019	3,763	.74	...	...	8,023	20.6	77	4,260	11.0
1924	391,700	3,715	.75	...	...	8,085	20.6	79	4,370	11.2
1925	393,400	3,373	.75	...	...	7,921	20.1	77	4,548	11.6
1926	398,900	3,310	.75	...	...	7,739	19.4	73	4,429	11.1
1927	408,100	2,984	.78	...	...	7,613	18.6	69	4,629	11.3
1928	422,700	3,549	.81	...	...	7,941	18.8	64	4,392	10.4
1929	429,300	2,242	.82	...	...	7,517	17.5	76	5,095	11.8
1930	439,400	3,261	.84	...	...	7,746	17.6	62	4,485	10.2
1931	447,900	2,617	.86	* 109,674	3.9	7,695	17.2	72	5,078	11.3
1932	451,600	2,821	.86	...	...	7,534	16.7	66	4,713	10.4
1933	444,970	2,036	.86	...	...	6,945	15.5	68	4,909	10.9
1934	448,500	2,395	.87	...	...	7,042	15.7	54	4,647	10.4
1935	453,500	2,382	.86	...	...	7,083	15.6	56	4,701	10.4
1936	459,000	2,005	.88	...	...	7,033	15.3	58	5,028	10.9
1937	465,800	2,218	.89	...	...	7,318	15.7	59	5,100	10.9
1938	470,900	2,796	.90	...	...	7,549	16.0	46	4,753	10.1
1939	{ 478,200 <sup>a</sup> 479,900 <sup>b</sup>	2,511	.91	...	...	7,847	16.4	51	5,336	11.1
1940	483,240	1,735	.92	...	...	7,610	15.7	58	5,875	12.2
1941	492,750	2,501	.94	...	...	7,954	16.1	62	5,453	11.1
1942	481,200	3,755	.92	...	...	8,659	18.0	48	4,904	10.2
1943	472,300	3,946	.90	...	...	9,255	20.2	47	5,309	11.2
1944	474,960	5,125	.91	...	...	10,343	21.8	47	5,218	11.0
1945	475,910	4,068	.91	...	...	9,096	19.1	44	5,028	10.5
1946	495,620	4,693	.95	...	...	10,001	20.2	41	5,308	10.7
1947	505,690	5,114	.97	...	...	10,673	21.2	41	5,559	11.0
1948	518,300	4,483	.99	...	...	9,486	18.3	42	5,003	9.6
1949	523,160	3,562	.99	...	...	9,098	17.4	32	5,536	10.6
1950	533,870	3,114	1.01	...	...	8,683	16.3	34	5,571	10.4
1951	535,800	2,547	1.02	156,581	3.4	8,551	15.9	29.4	6,004	11.2
1952	{ 535,410 <sup>†</sup> 534,400 <sup>‡</sup>	3,244	1.02	...	...	8,515	15.9	29.3	5,271	9.8
1953	541,400	3,168	1.04	...	...	8,625	15.9	29.3	5,457	10.1
1954	545,900	3,115	1.05	...	...	8,601	15.7	28.1	5,486	10.0
1955	550,600	3,140	1.05	...	...	8,718	15.8	27.2	5,578	10.1
1956	554,800	3,171	1.06	...	...	8,906	16.0	24.6	5,735	10.3
1957	563,300	3,878	1.08	...	...	9,372	16.6	23.8	5,494	9.8
1958	569,800	3,703	1.09	...	...	9,685	17.0	20.8	5,982	10.5
1959	575,400	4,082	1.10	...	...	9,964	17.3	21.0	5,882	10.2
1960	583,730	4,362	1.12	...	...	10,295	17.6	23.0	5,933	10.2
1961	593,270	4,328	1.14	189,679	3.1	10,600	17.9	17.7	6,272	10.6
1962	602,160	4,770	1.15	...	...	11,296	18.8	22.0	6,526	10.8
1963	<b>610,970</b>	<b>5,116</b>	<b>1.17</b>	...	...	<b>11,515</b>	<b>18.8</b>	<b>20.1</b>	<b>6,399</b>	<b>10.5</b>

\* Adjusted figures owing to alteration in area under the Nottingham Corporation Act, 1932, as from the 1st April, 1933.

<sup>a</sup> Population figures for calculation of Birth Rates.

<sup>b</sup> Population figures for calculation of Death Rates and incidence of notifiable diseases.

<sup>†</sup> Special constructed figure supplied by Registrar-General in consequence of change of boundaries.

<sup>‡</sup> Actual mid-year population.







