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# County Council of Durham



# ANNUAL REPORT

OF THE

## Medical Officer of Health

AND

## OTHER RECORDS FOR THE YEAR

### 1960

GEORGE WILSON, M.B., B.S., B.Hy., D.P.H.

County Medical Officer of Health

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STATE OF THE COUNTY HEALTH DEPARTMENT  
COUNTY COUNCIL OF DURHAM

To the Chairman and Members of the County Council of Durham  
GEO. WILSON, M.B., B.S., B.M., B.Ch., F.R.C.S., F.R.C.P., F.R.C.O.

I beg to submit my annual report on the health of the administrative county and the work of the County Health Department for the year 1960.

The birth-rate and death-rate remain stable. The slight upward trend in infant mortality is mainly due to the increased number of deaths in the first week of life. It is, however, pleasing to note that the infant mortality rate was the lowest recorded since the registration of the rate for England and Wales.

APPENDICES.

Table A.—Administrative County — Deaths by causes at various age periods.

Table B.—County Districts — Population, Birth-rate, Death-rate, etc.

Table C.—County Districts — Deaths at Certain Ages and from Certain Specified Causes.

Table D.—Administrative County — Deaths in age groups as supplied by Registrar General.

Table E.—Comparative Vital Statistics — Administrative County and England and Wales.

I welcome another opportunity of thanking members of the Health Department staff for their assistance throughout the year, and the Chairmen and members of the Health Committees for their continued support.

GEO. WILSON, M.B., B.S., B.M., B.Ch., F.R.C.S., F.R.C.P., F.R.C.O.  
Chairman, Health Department

County Health Department  
Shire Hall,  
DURHAM.

Tel. No. 4411.  
April, 1961.

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## COUNTY COUNCIL OF DURHAM

*To the Chairman and Members of the County Council of Durham.*

Ladies and Gentlemen,

I beg to submit my annual report on the health of the administrative county and the work of the County Health Department for the year 1960.

The birth-rate and death-rate remain stable. The slight upward trend in infant mortality is mainly due to the increased number of deaths in the first week of life. It is, however, pleasing to note that the maternal mortality rate was the lowest recorded and was very little above the rate for England and Wales.

Due to the continuing expansion of the ante-natal work of hospital out-patient departments and general practitioners, the number of expectant mothers using the facilities of the local health authority clinics in 1960 was less than half of those attending in 1955.

The common infectious diseases call for little comment: for the second successive year there was no case of diphtheria. Poliomyelitis cases (3) and deaths (nil) were the lowest recorded since the disease assumed epidemic proportions. The number of deaths from, and new cases of, respiratory and non-respiratory tuberculosis reached a new low level in 1960.

Proposals for the expansion of the mental health service were approved by the Minister of Health during the year and remaining sections of the Mental Health Act, 1959, came into operation on the 1st November.

I welcome another opportunity of thanking members of the Health Department staff for their assistance throughout the year, and the Chairman and Members of the Health Committee for their continued support.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

GEORGE WILSON.

County Health Department,  
Shire Hall,  
DURHAM.

TEL. NO. 4411.

April, 1962.

## STAFF OF THE COUNTY HEALTH DEPARTMENT.

## COUNTY MEDICAL OFFICER OF HEALTH.

George Wilson, M.B., B.S., B.Hy., D.P.H.

## DEPUTY COUNTY MEDICAL OFFICER OF HEALTH.

S. Ludkin, M.D., D.P.H.

## SENIOR WELFARE MEDICAL OFFICER.

M. T. McFadden, M.B., B.Ch., B.A.O., D.P.H.

## ASSISTANT WELFARE MEDICAL OFFICERS

L. R. Benham, M.B., B.S., D.P.H. (part-time).

E. Burbridge, M.R.C.S., L.R.C.P. (part-time).

W. J. Coates, M.B., Ch.B., D.Obst., R.C.O.G. (part-time).

M. M. Copland, M.B., Ch.B.

D. Crawshaw, M.B., Ch.B.

J. Dabrowska, M.B., Ch.B.

M. M. Dickinson, M.R.C.S., L.R.C.P.

A. J. M. Gilruth, B.Sc., M.B., Ch.B., D.Obst., R.C.O.G., D.C.H.

\*M. E. Hegarty, M.B., B.Ch., B.A.O.

J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. (part-time).

H. Hindson, M.B., B.S. (part-time), resigned 31.12.60.

E. J. Leckie, M.B., Ch.B. (part-time).

G. A. Macgregor, M.D., D.P.H. (part-time).

M. H. McKeith, M.B., B.S. (part-time), resigned 29.2.60.

F. L. Mitchell, M.B., Ch.B., D.C.H.

F. M. Murray, L.R.C.P., L.R.C.S. (temporary).

M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. (part-time).

L. Ross, M.B., B.S. (temporary).

J. Sherriffs, M.B., Ch.B.

K. M. Stewart, M.B., Ch.B. (part-time).

H. W. Tonge, M.B., Ch.B. (part-time).

A. Wagg, M.B., B.S.

M. W. Wright, M.B., B.Ch., B.A.O., D.Obst., R.C.O.G. (part-time)

## DENTAL SURGEONS — PART-TIME AT WELFARE CENTRES.

J. Hutchinson, B.D.S.

Mrs. J. M. Sim, L.D.S., resigned 30.9.60.

\*Engaged in work of Children Department.



**ASSISTANT COUNTY MEDICAL OFFICERS.**

- Area No. 1. J. Taylor, *O.B.E.*, M.B., Ch.B., D.P.H., D.T.M. & H.,  
died 20.9.60.
- Area No. 2. T. C. Falconer, M.B., Ch.B., D.P.H.
- Area No. 3. R. Hill, M.B., B.Ch., D.P.H.
- Area No. 4. J. L. Siddle, M.B., B.S., D.P.H.
- Area No. 5. R. C. F. Smith, M.D., D.P.H.
- Area No. 6. G. A. Macgregor, M.D., D.P.H.
- Area No. 7. R. G. Drummond, M.B., Ch.B., D.P.H.
- Area No. 8. J. W. A. Rodgers, M.B., B.Ch., D.P.H.
- Area No. 9. J. G. Paley, M.R.C.S., L.R.C.P., D.P.H.
- Area No. 10. J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H.
- Area No. 11. M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H.
- Area No. 12. H. J. Peters, M.B., B.Hy., D.P.H., D.P.A.  
(Area Medical Officer).

**COUNTY HEALTH INSPECTOR.**

T. S. Yarrow, C.R.S.H., M.A.P.H.I.

**HEALTH VISITING SERVICE.**

**SUPERINTENDENT.**

Miss A. Fraser, S.R.N., S.C.M., H.V. Cert.

**DEPUTY SUPERINTENDENTS.**

Miss M. Pattison, S.R.N., S.C.M. (Part 1), R.F.N., H.V. Cert.  
Miss W. E. Morgan, S.R.N., S.C.M., H.V. Cert., Q.I.D.N.

112 Health Visitors.

**MIDWIFERY AND NURSING SERVICES.**

**SUPERINTENDENT.**

Miss N. Hawkins, S.R.N., S.C.M., R.F.N., H.V. Cert., Q.I.D.N.

**DEPUTY SUPERINTENDENT.**

Miss N. Dodds, S.R.N., S.C.M.

**ASSISTANT SUPERINTENDENTS.**

Miss E. Miller, S.R.N., S.C.M., H.V. Cert., Q.I.D.N., resigned  
31.12.60.  
Miss G. I. Jones, S.R.N., S.C.M., Q.I.D.N.

**DOMICILIARY MIDWIVES AND DISTRICT NURSES.**

127 District Midwives.

38 District Nurse-Midwives.

119 District Nurses.

**NURSERIES.**

4 Matrons.  
33 Other staff.

**MENTAL HEALTH.**

9 Mental Welfare Officers.  
1 Social Worker.  
1 Home Teacher of the Mentally Handicapped.

**TRAINING CENTRES FOR THE MENTALLY SUBNORMAL.**

6 Supervisors.  
14 Other staff.

**DOMESTIC HELP SERVICE.**

1 Organiser. 15 Assistant Organisers.

**HANDICAPPED PERSONS.**

1 Social Worker.  
1 Occupational Therapist.

**BLIND PERSONS.**

17 Home Teachers.

**CONTACT TRACING.**

1 Social Worker (part-time), retired 31.5.60.

**AMBULANCE SERVICE.**

Ambulance Officer.  
3 Staff Officers.  
Maintenance Officer.

*Central Control Staff.—*

4 Supervisors.  
6 Control Assistants.  
3 Telephonists.  
1 Radio Operator.  
3 Liaison Officers.  
14 Depot Superintendents.  
32 Senior Drivers.  
244 Driver-Attendants.  
4 Depot Telephonists.  
4 Mechanics.

**WELFARE SERVICES—RESIDENTIAL ACCOMMODATION.**

4 Superintendents.  
14 Matrons.  
2 Wardens.  
248 Other staff.





## STATISTICS.

Area (in acres) .. .. .	620,276
Registrar-General's estimate of population, mid-1960 ..	950,870
Rateable value as at the 1st April, 1960 .. .. .	£9,936,653
Sum represented by a penny rate .. .. .	£38,904

<i>Live Births</i>		<i>M.</i>	<i>F.</i>	<i>Total</i>
Legitimate .. .. .	8,675	8,354	17,029	
Illegitimate .. .. .	314	279	593	
	<u>8,989</u>	<u>8,633</u>	<u>17,622</u>	

Live Birth-rate per 1,000 population .. .. .	18.5
Illegitimate Live Births per cent of total live births ..	3.4

<i>Still Births</i>		<i>M.</i>	<i>F.</i>	<i>Total</i>
Legitimate .. .. .	181	223	404	
Illegitimate .. .. .	11	8	19	
	<u>192</u>	<u>231</u>	<u>423</u>	

Still Birth-rate per 1,000 total live and still births ..	23.4
---	------

<i>Total Births</i>		<i>M.</i>	<i>F.</i>	<i>Total</i>
Live .. .. .	8,989	8,633	17,622	
Still .. .. .	192	231	423	
	<u>9,181</u>	<u>8,864</u>	<u>18,045</u>	

Infant Deaths (deaths under 1 year) .. .. .	488
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## Infant Mortality Rates.—

Total infant deaths per 1,000 total live births .. ..	28
Legitimate infant deaths per 1,000 legitimate live births ..	26.8
Illegitimate infant deaths per 1,000 illegitimate live births ..	55.6

Neo-Natal Mortality Rate per 1,000 total live births .. ..	19.2
--	------

Early Neo-Natal Mortality Rate per 1,000 total live births ..	17.0
---	------

Perinatal Mortality Rate per 1,000 total live and still births ..	40.1
---	------

## Maternity Mortality (including abortion).—

Number of deaths .. .. .	8
Rate per 1,000 total live and still births .. .. .	0.44

## Deaths and Death Rates from.—

	<i>No. of Deaths.</i>	<i>Rate per 1,000 estimated average population</i>
Cancer .. .. .	1,895	1.99
Measles .. .. .	—	—
Whooping Cough .. .. .	—	—
Diarrhoea (under 2 years of age) .. .. .	9	0.009
Scarlet Fever .. .. .	—	—
Diphtheria .. .. .	—	—
Typhoid and Paratyphoid .. .. .	—	—

## COMMITTEES.

The administration of matters affecting public health and of the National Health Service Acts, 1946-1952, and the National Assistance Acts, 1948 and 1951 in so far as they affect the County Council, devolve upon the Health Committee. In connection with the administration of the National Health Service Acts the following standing committees have been established.—

Maternity and Child Welfare  
 Ambulances  
 Midwifery, Home Nursing, Health Visiting and  
 Domestic Help  
 Mental Health  
 E. F. Peile County Convalescent Home

These sub-committees, with the exception of the Mental Health Sub-Committee which meets bimonthly, have meetings in each month except August. In connection with the administration of the National Assistance Acts there is a standing Welfare Sub-Committee which meets monthly except in August.

There are twelve Area Health Sub-Committees which meet monthly, bimonthly or quarterly.

## AREA.

The area of the administrative county is 620,276 acres—143,044 in municipal boroughs and urban districts and 477,232 in rural districts—the density of population being 1.53 persons per acre.

The administrative county consists of four municipal boroughs, 21 urban districts and 10 rural districts. The area of each of these districts is given in Table B, at the end of this report.

## POPULATION.

The Registrar General's estimate of population for the administrative county for mid-year 1960 is 950,870, and shows an increase of 7,170 compared with his estimate for mid-year 1959. The estimated population of each sanitary district in the administrative county is given in Table B, at the end of this report.

## RATEABLE VALUE.

The rateable value of the administrative county on the 1st April, 1960, was £9,936,653, and a penny rate represented the sum of £38,904.

## BIRTHS AND BIRTH-RATES.

The number of live births registered in the administrative county during 1960 was 17,622, equal to a rate of 18.5 per 1,000 population compared with 18.0 for the previous year. The provisional rate for England and Wales for 1960 is 17.1.



Of the total live births registered, 8,675 males and 8,354 females were legitimate and 314 males and 279 females illegitimate, the percentage of illegitimate live births to total live births being 3.4 compared with 3.2 in 1959.

The number of stillbirths registered was 423, equal to a rate of 23.44 per 1,000 (live and still) births, compared with 23.5 during 1959. Of the stillbirths registered 181 males and 223 females were legitimate and 11 males and eight females illegitimate.

The still-birth-rate among illegitimate children was 31 per 1,000 (live and still) births.

The adjusted birth-rate for the administrative county, in accordance with the comparability factor (0.96) supplied by the Registrar General, is 17.8 per 1,000 population.

#### DEATHS AND DEATH-RATES.

The number of deaths registered in the administrative county during the year, after correction for inward and outward transfers, was 10,949, equal to a death-rate of 11.5 per 1,000 population compared with 10.99 in the previous year.

The adjusted death-rate for the administrative county, in accordance with the comparability factor (1.22) supplied by the Registrar General, is 14.0 per 1,000 population.

#### INFANT MORTALITY.

The number of deaths of infants under one year of age registered during the year was 488, an increase of 35 compared with the previous year. The infant mortality rate per 1,000 live births was 28 compared with 27 in 1959.

The perinatal mortality rate—the combined stillbirths and deaths in the first week of life expressed as a rate per 1,000 total births—and the early neo-natal mortality rate—deaths in the first week of life, per 1,000 live births—are shown in the following table, along with the infant mortality rate after the first week, per 1,000 total births.

TABLE 1.

<i>Year</i>	<i>Perinatal Mortality</i>	<i>Early Neo-Natal Mortality</i>	<i>Infant Mortality Rate 1 week — 1 year</i>
1951	45.0	20.2	21.6
1952	41.6	16.4	16.1
1953	39.8	16.3	14.2
1954	42.6	17.9	12.6
1955	42.0	18.1	13.1
1956	40.1	15.9	11.3
1957	39.8	14.9	11.9
1958	37.8	14.9	10.3
1959	39.1	16.0	10.5
1960	40.1	17.0	10.4

The death-rate of legitimate infants under one year of age per 1,000 legitimate live births was 26.8, while the death-rate of illegitimate infants per 1,000 illegitimate live births was 55.6.

Of the 488 deaths of children under one year of age, 190 or 39% were registered as being due to prematurity occurring during the first four weeks of life.

The neo-natal mortality rate per 1,000 live births was 19.2 compared with 19.1 in 1959.

Table 2 shows the number of births registered, the number of deaths of children under one year of age, and the infant mortality rate for the last ten years.

TABLE 2.

<i>Year.</i>	<i>Births.</i>	<i>Deaths under 1 year.</i>	<i>Rate per 1,000 Births.</i>
1951	15,806	671	42
1952	15,575	513	33
1953	16,064	496	31
1954	15,732	484	31
1955	15,734	496	32
1956	16,428	451	27
1957	17,063	462	27
1958	17,414	443	25
1959	16,976	453	27
1960	17,622	488	28

#### BACTERIOLOGICAL LABORATORY FACILITIES.

The Medical Research Council, acting on behalf of the Ministry of Health, continues to be responsible for the administration of the public health laboratory service.

The laboratories situated at the General Hospital, Newcastle upon Tyne, Havelock Hospital, Sunderland, General Hospital, Middlesbrough and the Friarage Hospital, Northallerton, undertake examinations for the administrative county area.

#### TREATMENT CENTRES and CLINICS.

*Maternity and Child Welfare Centres.*—The number of welfare centres at the end of the year was 98.

*Dental Clinics.*—Eighteen clinics were in operation during the year.

*Ante-Natal Clinics.*—Sessions were being held at 49 centres at the end of the year. At centres where numbers do not justify special sessions, advice is given at child welfare centres.

*Post-Natal Clinics.*—At the end of the year the number of centres at which post-natal sessions were held was 18. At centres where numbers do not justify special sessions, advice is given at ante-natal clinics.



*Birth Control Clinics.*—Advice was given at 18 centres.

*Day Nurseries.*—Four day nurseries were in use during the year.

*Artificial Sunlight Clinics.*—The number of centres using ultra-violet ray lamps at the end of the year was 29.

### NURSING HOMES.

During the year no applications were made to the County Council under section 194 of the Public Health Act, 1936, for the delegation of their powers to district councils. The maternity and nursing homes were periodically inspected.

### REGISTERED NURSING HOMES.

<i>Name and Address.</i>	<i>Description.</i>
Rosemount, 32, Bede Road, Barnard Castle.	Maternity and general.
Percy House, Neville's Cross, Durham.	Aged, infirm and border-line mental cases.
Broadmeadows Manor, <i>nr.</i> Castleside.	General, chronic, aged and infirm.
St. Cuthbert's Hospital, Rockcliffe Park, Hurworth-on-Tees, (annexe to Hospital of St. John of God, Scorton).	Chronic sick (males).
"Milford," North End, Durham.	Aged and infirm.
"Ashbrook," St. John's Road, Neville's Cross, Durham.	Aged and infirm.
Whitelea House, Crook.	Aged and infirm (females).

The certificate of exemption from registration under the Public Health Act, 1936, in respect of "Wayside," West Boldon, was again renewed for one year.

### HEALTH CENTRES.

The centre at Peterlee came into use on the 1st October, while that at Stockton was in course of construction at the end of the year.

It was agreed to purchase a site for a health centre on the Leam Lane Estate, Felling, and at the end of the year plans and proposals were being prepared for submission to the Minister of Health.

CARE OF EXPECTANT AND NURSING MOTHERS  
AND CHILDREN UNDER SCHOOL AGE.

*Centres.*—During the year a new centre, Queensway, Billingham, was opened, and two centres, Peterlee and South Hylton, changed premises making a total of 98 centres, forty-four of which are held in premises owned or wholly rented by the County Council, the remaining centres being held in premises such as church halls, on a rental basis.

Table 3 shows the aggregate attendances at the welfare centres during the year and Table 4 the attendances at each welfare centre.

TABLE 3.

	Babies and Children's Sessions.			Ante-Natal Sessions.
	Under 1 year.	1 and under 2 years.	2 and under 5 years.	
No. on books .. ..	9,147	7,658	8,528	3,427
Attendances .. ..	96,086	17,965	16,076	15,209
Average attendances per session .. ..	16	3	3	7
Consultations .. ..	64,111	11,920	10,826	15,099
Average consultations per session .. ..	12	2	2	7

During the year 25,333 children made 130,127 attendances at the 98 centres compared with 24,215 children and 126,297 attendances in 1959.

The following statement gives the attendances of mothers from the administrative county area at centres outside that area.—

	<i>Mothers. Attendances.</i>	
Darlington .. ..	93	275
Gateshead .. ..	118	410
South Shields .. ..	29	80
Sunderland .. ..	118	522
West Hartlepool .. ..	24	99
Yarm .. ..	173	516
Totals .. ..	555	1,902

*Ante-Natal Clinics.*—During the year 3,427 expectant mothers made 15,209 attendances compared with 3,978 mothers and 17,153 attendances in 1959.

During the year the ante-natal clinic at Gordon House was transferred to Simonside, as it was better placed to serve the needs of expectant mothers in the Jarrow area.



The following is an analysis of some features of 3,176 of the cases attending the ante-natal clinics.

*Duration of Pregnancy at first attendance.*

Under 3 months	..	..	..	..	..	529
3-6 months	..	..	..	..	..	1,877
6-9 months	..	..	..	..	..	770
<b>Total</b>						<b>3,176</b>

*Age of Patients.*

Under 20 years	..	..	..	..	..	266
20-25 years	..	..	..	..	..	1,089
26-30 years	..	..	..	..	..	926
31-35 years	..	..	..	..	..	591
36-40 years	..	..	..	..	..	268
41-45 years	..	..	..	..	..	36
<b>Total</b>						<b>3,176</b>

*Number of Pregnancy.*

1	2	3	4	5	6	7	8	9	10	11	12	13
854	982	640	322	159	101	60	17	19	11	3	4	4
Total.—3,176												

*Health of Mothers.*

Poor	Moderate	Good	Total
68	422	2,686	3,176

*Nature of Confinement.*

(a) Normal	..	..	..	..	2,054
(b) Abnormal					
Instrumental	..	..	..	..	49
Induction	..	..	..	..	19
Caesarean	..	..	..	..	30
Malpresentation	..	..	..	..	33
Other abnormalities	..	..	..	..	8
A. P. haemorrhage	..	..	..	..	18
P. P. haemorrhage	..	..	..	..	12
Prolonged labour					
Disproportion	..	..	..	..	—
Inertia	..	..	..	..	—
Died undelivered	..	..	..	..	—
Left district	..	..	..	..	65
Not yet delivered	..	..	..	..	888
					169
					953
					<b>3,176</b>

**Results.**

Full time live births	..	..	2,040	
Full time still births	..	..	30	
Premature live births	..	..	106	
Premature still births	..	..	35	
Abortions	..	..	39	
Died undelivered	..	..	—	
				2,250
Left district	..	..	65	
Not yet delivered	..	..	888	
				953
				<u>*3,203</u>

\* includes 27 twins.

**Place of confinement.**

(a) In hospitals	..	..	..	1,059
(b) At home				
Midwife	..	..	969	
Doctor and Midwife	..	..	153	
B.B.A.	..	..	32	
Doctor	..	..	8	
Flying Squad	..	..	2	
				1,164
Left district	..	..	65	
Not yet delivered	..	..	888	
				953
				<u>3,176</u>

**Abnormal conditions found at ante-natal examinations.—**

Anaemia	..	..	409	Urinary infection	
Presence of Antibodies	..	..	22	(a) acute	.. 40
Dental caries	..	..	749	(b) chronic nephritis	.. 10
Diabetes	..	..	9	Cardiac disease	.. 55
Early toxæmia	..	..	244	Placenta prævia	.. 6
Pre-eclamatic toxæmia	..	..	97	Accidental hæmorrhage	
Bronchitis	..	..	57	(a) with toxæmia	.. 1
Tuberculosis	..	..	32	(b) without toxæmia	.. 29
Venereal disease	..	..	3	Pelvic contraction	.. 27
Non-venereal discharges	..	..	348	Malpresentation	.. 73
Hæmorrhoids	..	..	230	History of virus disease	.. 7
Varicose veins	..	..	552	Mental abnormality asso-	
Constipation	..	..	553	ciated with pregnancy	.. 14
				Other conditions	.. 27



*Post-Natal Clinics.*—Table 5 shows the numbers on the books and the attendances made. In addition to 259 mothers who attended the special sessions, 180 were examined post-natally at ante-natal clinics.

*Birth Control Clinics.*—Advice was given at 18 centres and Table 6 shows numbers and attendances during the year. The numbers attending increased by 50 to 1,304 and the number of attendances increased by 276 to 2,999.

The birth control clinic at Coxhoe was re-opened on 1st February.

*Artificial Sunlight Clinics.*—Treatment was available at 31 centres. Attendances decreased by 4,766 to 17,367 and numbers attending by 301 to 1,321. Details are shown in table 7.

As there were no attendances the clinics at Shildon and Wheatley Hill were closed on 1st April and 31st March respectively.

*E. F. Peile Home, Shotley Bridge.*—This convalescent home for mothers and babies is administered by the County Council.

During the year 124 mothers and 116 babies and 267 children were admitted. The average duration of stay was 23 days in the case of mothers and babies and 25 days in the case of children.

*Day Nurseries.*—Table 8 shows the accommodation available in each nursery together with the average daily attendances.

TABLE 8.

*Day Nurseries.*—

<i>Nursery.</i>	<i>Number of Places.</i>	<i>Average Attendances.</i>
Haverton Hill .. ..	20	15
Hebburn .. ..	80	47
Stockton.—		
(a) Durham Road .. ..	60	37
(b) Norton Road .. ..	60	32

*County Federation of Voluntary Workers.*—Five meetings were held during the year.

*Homes or Hostels for Unmarried Mothers and their Babies.*—Smelt House, Howden-le-Wear has 12 beds and eight cots.

50 expectant mothers were admitted during the year and the average length of stay was ante-natal six weeks and post-natal six weeks.

Arrangements continued for the admission of unmarried mothers to homes outside the county and 43 expectant mothers were admitted.



Area No. 5.	Area No. 5.										Area No. 5.		Area No. 5.		Area No. 5.		Area No. 5.		Area No. 5.		Area No. 5.				
	110	822	941	156	3582	6020	1248	1515	13	50	4	2	3292	9102	1118	888	13	14	15	16	17	18	19	20	
*Blackhill	138	146	148	122	619	1373	329	318	15	18	4	4	614	1002	184	183	13	13	13	13	13	13	13	13	13
Barnhill	10	108	81	101	32	1215	351	181	3	52	4	4	34	880	136	136	5	10	10	10	10	10	10	10	10
*Barrow Mill Street	14				40			60	4	16	7	7	146	161	77	77	3	11	11	11	11	11	11	11	11
Castle & Zingon's House	362	378	127	131	5636	5772	322	578	33	51	3	3	3036	1002	537	500	53	16	16	16	16	16	16	16	16
Harlow's Cottage House	183	198	193	122	235	1811	322	390	15	18	7	7	225	1765	551	548	15	19	19	19	19	19	19	19	19
Hepburn	12	165	143	143	7	1846	536	547		16	4	4	7	1308	321	533		10	10	10	10	10	10	10	10
*Dunton St. Villa & Mill	1	41	56	35	21	463	68	70		1	2	2	21	450	65	67		12	12	12	12	12	12	12	12
Edwin's Farm Gate	4																								
*Mrs. M. S. New																									
Langley Park	180	134	200	665	823	1666	1936	1733	9	14	8	8	821	6510	1518	658	9	13	13	13	13	13	13	13	13
South Moor																									
Tanfield Lea																									
Mingrou	0	110	21	102	61	1425	408	314	3	12	3	3	881	1683	1523	1483	3	15	15	15	15	15	15	15	15
*Mickrann	24	26	720	1033	84	323	143	104		14	6	6	4	531	82	34		6	6	6	6	6	6	6	6
*Zingon's	4	34	18	16	10	516	43	38		11	5	5	10	380	41	53		11	11	11	11	11	11	11	11
Alford	64	183	132	161	361	3061	314	349		35	4	4	391	1450	181	163		15	15	15	15	15	15	15	15
*Kornwall's Mill	32	68	104	126	150	1181	180	101	3	16	3	3	439	684	191	109		19	19	19	19	19	19	19	19
*Dunrobin Street	50	146	160	146	62	1460	315	311		16	3	3	62	1385	331	533		14	14	14	14	14	14	14	14
*Cromwell	6	32	30	45	18	330	40	28		7	2	2	113	303	126	90		13	13	13	13	13	13	13	13
Widdowson	24	103	60	64	354	1160	548	115		37	4	4	354	1003	551	128		31	31	31	31	31	31	31	31
Area No. 1.	14	53	45	53	745	557	956	748		18	4	4	745	495	835	689		17	17	17	17	17	17	17	17
Area No. 5.	79	57	43	30	338	210	257	255		11	4	4	338	257	47	33		6	6	6	6	6	6	6	6
Baldon	3	5	10	5	10	10	10	10		3	2	2	10	10	10	10		3	3	3	3	3	3	3	3
*Castletown	34	34	34	34	113	124	121	121		10	3	3	113	124	113	113		10	10	10	10	10	10	10	10
*East Baldon	8	8	8	8	24	24	24	24		10	1	1	24	24	24	24		10	10	10	10	10	10	10	10
*Fencehouses	8	8	8	8	49	101	101	101		10	1	1	49	101	101	101		10	10	10	10	10	10	10	10
Harlow's CEILLERS	4	4	4	4	211	261	261	261		4	4	4	211	261	261	261		4	4	4	4	4	4	4	4

Resources

Comments

from 1700  
No. on Books

bet. 2000  
years

between  
years

bet. 2000  
years

end of 100 years

100 years

end of 100 years

100 years

end of 100 years

100 years

end of 100 years

100 years

100 years



POST-NATAL CLINICS.—No. on Books and Attendances, 1960.

	No. on Register	Attendances		No. on Register	Attendances
<i>Area No. 1.</i>					
Blaydon and Winlaton ..	10	12			
<i>Area No. 2.</i>					
Felling ..	14	15			
Hebburn ..	19	31			
Jarrow—Walter Street ..	11	13			
	44	59			
<i>Area No. 3.</i>					
Consett ..	5	5			
East Stanley ..	1	1			
	6	6			
<i>Area No. 4.</i>					
Birtley ..	9	12			
Chester-le-Street ..	18	39			
	27	51			
<i>Area No. 5.</i>					
Hetton ..	5	6			
Houghton-le-Spring ..	4	6			
Washington ..	15	20			
	24	32			
<i>Area No. 7.</i>					
Coxhoe ..	6	7			
Durham ..	77	185			
	83	192			
<i>Area No. 8.</i>					
Murton ..	5	5			
Seaham ..	3	3			
	8	8			
<i>Area No. 10.</i>					
Bishop Auckland ..	35	46			
Spennymoor ..	4	4			
	39	50			
<i>Area No. 11.</i>					
Billingham ..	18	19			
TOTALS ..	259	429			



TABLE 6.

## BIRTH CONTROL CLINICS.—No. on Books and Attendances, 1960.

	No. on Register	Attendances		No. on Register	Attendances
<i>Area No. 1.</i>					
Blaydon and Winlaton ..	99	192			
<i>Area No. 2.</i>					
Felling ..	49	83			
Jarrow (Walter Street) ..	109	253			
	158	336		128	289
<i>Area No. 3.</i>					
Consett ..	227	585		85	202
East Stanley ..	137	351		11	18
	364	936		45	83
<i>Area No. 4.</i>					
Birtley ..	49	149			
Chester-le-Street ..	122	308			
	171	457		147	363
<i>Area No. 5.</i>					
Hetton ..	17	22			
Houghton-le-Spring ..	33	45			
Washington ..	34	42			
	84	109		12	14
<i>Area No. 6.</i>					
Bishop Auckland ..				118	275
Spennymoor ..				29	88
				147	363
<i>Area No. 7.</i>					
*Coxhoe ..				19	32
Durham ..				109	257
<i>Area No. 8.</i>					
Easington ..				85	202
Murton ..				11	18
Seaham ..				45	83
				141	303
<i>Area No. 9.</i>					
Billingham ..				12	14
TOTALS ..	1,304	2,999			

## DENTAL TREATMENT.

Dental treatment for expectant and nursing mothers and young children was available at the following centres.—

Billingham .. ..	one session monthly
Birtley .. .. .	do.
Bishop Auckland ..	do.
Blaydon .. .. .	as required
Consett .. .. .	one session weekly
Crook .. .. .	one session monthly
Durham .. .. .	do.
Felling .. .. .	one session fortnightly
Hartlepool .. .. .	one session monthly
Hebburn .. .. .	one session weekly
Houghton-le-Spring ..	do.
Jarrow .. .. .	one session monthly
Peterlee .. .. .	do.
Seaham .. .. .	do.
Stanley .. .. .	as required
Stockton .. .. .	do.
Wingate .. .. .	do.

During the year two more clinics, namely Felling and Jarrow, undertook dental treatment for maternity and child welfare patients and pre-school children, and the Health Committee decided that all dental officers, whether full or part-time, should treat priority classes. This has been most beneficial for where there was a demand for treatment dental officers were available.

Once again the greatest demand has been for total extractions and dentures in the case of maternity and child welfare patients but fortunately conservative work among pre-school children has increased.

The details of the treatment carried out are given in Tables 9 and 10.

## WELFARE FOODS.

At the end of the year welfare foods were being distributed from 129 centres (97 maternity and child welfare centres and 32 other premises).

Members of voluntary committees at 51 welfare centres continued to accept responsibility for both the distribution and clerical work in connection with the scheme.

The following statement shows the amounts issued during the year together with comparative figures for 1959.

	1959	1960
National dried milk (tins) ..	306,881	265,427
Orange juice (bottles) ..	434,692	415,654
Cod liver oil (bottles) ..	69,835	68,488
Vitamin tablets (packets) ..	34,908	35,764



## DOMICILIARY MIDWIFERY.

The following numbers of midwives gave notice of intention to practice in the administrative county during the year.—

District midwives	..	..	..	..	132
District nurse-midwives	..	..	..	..	38
Midwives in hospitals	..	..	..	..	85
Midwives in private practice	..	..	..	..	7
					<hr/> 262 <hr/>

At the end of the year 127 district midwives and 38 nurse-midwives were employed by the County Council against an establishment of 143 and 43 respectively.

It is becoming increasingly difficult to fill midwifery vacancies in certain areas of the county.

Although the number of domiciliary deliveries remains much the same, there is a slight increase in the number of patients discharged from hospital before the 14th day, so that the average case-load per midwife is now 56 deliveries and 25 hospital discharges.

Annual lectures for district midwives were held in the Shire Hall, Durham, during March, the speaker being Mr. J. B. Haycock, M.C., M.R.C.S., M.R.C.P., D.C.H.

Commencing in April a test for Phenylketonuria was made on all domiciliary delivered infants, but as yet no positive case has been reported.

Thirty district midwives attended post graduate courses and 20 pupil midwives received instruction in domiciliary midwifery from seven district midwives approved as teachers by the Central Midwives Board. Eighteen students succeeded in passing the examination, and one of these accepted an appointment as a district midwife.

During the year arrangements were made for further participation in Part II Midwifery Training, in this instance with Greenbank Maternity Hospital, Darlington, and two district midwives were approved as teachers for this purpose, making a total of nine district midwives employed in this work.

Group meetings continued during the year and resulted in closer co-operation between midwives and supervisors.

At the end of the year 85 midwives and 24 nurse-midwives used cars, and three, motor cycles.

The following table shows the number of domiciliary cases attended by district midwives and nurse midwives, and midwives in private practice during 1960.



CENTRE	NO. ON BOOKS FROM 1.1.60	ATTENDANCES	AVERAGE ATTENDANCE PER SESSION	NO. OF SESSIONS HELD	CENTRE	NO. ON BOOKS FROM 1.1.60	ATTENDANCES	AVERAGE ATTENDANCE PER SESSION	NO. OF SESSIONS HELD
<i>Area No. 1.</i>					<i>Area No. 6.</i>				
Blaydon .. ..	97	1,414	14	100	Crook .. ..	34	420	4	100
Dunston .. ..	55	647	8	84	<i>Area No. 7.</i>				
	152	2,061	11	184	Coxhoe .. ..	33	456	7	63
<i>Area No. 2.</i>					Durham .. ..	95	1,330	14	98
Felling .. ..	43	499	5	102	<i>Area No. 8.</i>				
Hebburn .. ..	54	666	7	99	Horden .. ..	69	1,044	11	98
Jarrow .. ..	86	762	8	97	Murton .. ..	24	388	5	75
	183	1,927	6	298	Seaham Harbour .. ..	32	315	3	93
<i>Area No. 3.</i>					Shotton .. ..	39	668	8	88
Annfield Plain .. ..	25	383	5	75	*Wheatley Hill .. ..	—	—	—	7
Consett .. ..	14	163	2	73	Wingate .. ..	15	276	4	77
East Stanley .. ..	25	361	5	76	<i>Area No. 10.</i>				
	64	907	4	224	Bishop Auckland .. ..	179	2,691	6	438
<i>Area No. 4.</i>					†Shildon .. ..	26	291	3	97
Birtley .. ..	48	611	7	87	Spennymoor .. ..	—	—	—	13
Chester-le-Street .. ..	62	776	11	73	<i>Area No. 11.</i>				
	110	1,387	9	160	Billingham .. ..	51	542	7	76
<i>Area No. 5.</i>					Ferryhill .. ..	18	284	3	100
Boldon .. ..	10	112	2	57	Hartlepool .. ..	25	191	4	50
Hetton .. ..	64	940	9	99	Frederick Street .. ..	94	1,017	5	226
Houghton-le-Spring .. ..	72	1,000	10	98	<i>Area No. 12.</i>				
Silksworth .. ..	52	707	9	76	Stockton, Norton Road .. ..	35	478	5	98
Washington .. ..	106	1,487	15	99	TOTALS .. ..	1,321	17,367	7	2,479
	304	4,246	10	429					

\*Closed 31.3.60 †Closed 1.4.60



ADMINISTRATIVE COUNTY OF DURHAM, 1960.—DENTAL CLINICS.

Numbers provided with dental care.

CLINIC	Expectant and Nursing Mothers				Children under Five			
	Examined	Needing treatment	Treated	Made dentally fit	Examined	Needing treatment	Treated	Made dentally fit
Billingham .. .. .	11	11	11	7	20	19	19	18
Birtley .. .. .	8	8	5	10	15	14	13	11
Bishop Auckland .. .. .	8	8	8	2	—	—	—	—
*Blydon .. .. .	17	17	16	10	114	75	70	43
Consett .. .. .	2	2	2	1	3	2	2	1
Crook .. .. .	—	—	—	—	11	8	8	8
Durham .. .. .	14	14	12	1	14	11	9	2
Felling .. .. .	33	24	24	—	16	16	16	—
Hartlepool .. .. .	7	7	6	—	14	9	8	6
Hebburn .. .. .	60	60	51	5	19	19	19	3
Houghton-le-Spring .. .. .	4	4	10	4	3	1	—	—
Jarrow .. .. .	7	7	11	1	2	2	2	1
Peterlee .. .. .	7	7	6	4	26	22	19	17
Seaham .. .. .	—	—	—	—	2	2	2	2
*Stanley .. .. .	24	20	20	5	17	13	9	5
*Stockton .. .. .	1	1	1	—	7	7	7	6
*Wingate .. .. .	1	1	—	—	38	11	12	10
TOTALS .. .. .	200	190	183	49	321	231	215	133

\* No regular sessions—occasional treatment only.



Страна	34	30	30	2	14	13	0	2
Земля	—	—	—	—	3	5	5	5
Бетон	3	9	4	4	30	55	10	14
Панель	1	11	1	1	5	5	3	1
Нормированная рабочая сила	10	10	4	4	3	1	—	—
Норма	60	21	2	2	10	10	10	3
Нормированная рабочая сила	1	0	—	—	14	0	8	0
Единица	23	54	—	—	10	10	10	—
Длина	14	13	1	1	14	11	0	5
Срок	—	—	—	—	11	8	0	8
Состав	5	5	1	1	3	5	5	1
«Видео»	11	10	10	10	114	12	10	43
Видео Устройства	8	8	5	5	—	—	—	—
Видео	8	8	2	2	12	14	13	11
Видео	11	11	11	1	30	10	10	18
Сумма	Известно по Истребительскому				Средняя норма			

История строительства и его качества

TABLE 10.  
ADMINISTRATIVE COUNTY OF DURHAM, 1960—DENTAL CLINICS.  
Forms of dental treatment provided.

CLINIC	Expectant and Nursing Mothers.									Children under Five								
	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns or Inlays	Extractions	General Anaesthetics	Dentures Provided		Radio-graphs	Scalings and Gum Treatment	Fillings	Silver Nitrate Treatment	Crowns or Inlays	Extractions	General Anaesthetics	Dentures Provided		Radio-graphs
							Full Upper or Lower	Partial Upper or Lower								Full Upper or Lower	Partial Upper or Lower	
Billingham .. ..	1	—	—	—	62	10	1	3	—	—	—	7	—	30	8	—	—	—
Birtley .. ..	5	12	—	—	27	4	1	5	—	—	13	—	—	21	7	—	—	—
Bishop Auckland ..	—	—	—	—	3	—	2	1	—	—	—	—	—	—	—	—	—	—
Blaydon .. ..	10	12	—	—	17	—	31	1	—	3	59	16	—	20	—	—	—	—
Consett .. ..	3	—	—	—	1	—	—	—	—	—	6	2	—	—	—	—	—	—
Crook .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	25	4	—	—	—
Durham .. ..	—	—	—	—	33	—	2	—	—	4	2	14	—	—	—	—	—	—
Felling .. ..	2	—	—	—	84	2	13	2	—	2	—	—	—	24	7	—	—	—
Hartlepool .. ..	—	1	—	—	22	—	—	—	—	—	1	5	—	4	—	—	—	—
Hebburn .. ..	17	24	—	—	40	3	—	3	—	1	10	8	—	6	2	—	—	—
Houghton-le-Spring ..	1	—	—	—	—	—	5	1	—	—	—	—	—	—	—	—	—	—
Jarrow .. ..	2	3	—	—	18	4	—	—	—	—	—	—	—	3	2	—	—	—
Peterlee .. ..	1	1	—	—	3	1	4	—	—	8	—	11	—	12	8	—	—	—
Seaham .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	9	2	—	—	—
Stanley .. ..	3	9	—	—	50	1	2	2	—	—	7	—	—	12	3	—	—	—
Stockton .. ..	—	—	—	—	1	1	—	—	—	—	—	—	—	23	2	—	—	—
Wingate .. ..	—	—	—	—	3	1	4	—	—	—	—	—	—	33	9	—	—	—
TOTALS .. ..	45	62	—	—	364	27	37	18	—	18	98	69	—	222	54	—	—	—

\*No regular sessions—occasional treatment only.





TABLE 11.

	Doctor not booked		Doctor booked		Totals	Discharges from hospital before 14th day
	Doctor present at delivery	Doctor not present at delivery	Doctor present at delivery	Doctor not present at delivery		
District Midwives and Nurse-Midwives .. ..	43	628	1,427	5,970	8,068	3,639
Midwives in Private Practice	—	39	13	—	52	3
TOTAL ..	43	667	1,440	5,970	8,120	3,642

The midwives requisitioned medical help on 1,954 occasions, and the following statement gives particulars as to the reasons for so doing.—

1. Ante-natal examination—general .. ..	13
2. Ante-natal examination—albuminuria .. ..	114
3. Miscarriage .. ..	28
4. Threatened miscarriage .. ..	50
5. Ante-partum haemorrhage .. ..	88
6. Post-partum haemorrhage .. ..	67
7. Placenta praevia .. ..	6
8. Retained or adherent placenta or membranes ..	68
9. Contracted pelvis, disproportion between child and pelvic outlet .. ..	9
10. Malpresentation .. ..	91
11. Prolonged or delayed labour, uterine inertia ..	229
12. Mammary inflammation, varicose veins, cardiac weakness, weakness during puerperium, etc... ..	38
13. Stillbirth .. ..	10
14. Ruptured perineum .. ..	623
15. Premature birth .. ..	78
16. Rise in temperature .. ..	47
17. Feebleness of child. Illness of child .. ..	103
18. Phimosi, tongue tie, suspicious eruptions on skin of baby, and umbilical conditions .. ..	11
19. Marked congenital malformation .. ..	14
20. Inflammation of child's eyes .. ..	30
21. Condition of mother ill-defined .. ..	62
22. Condition of baby ill-defined .. ..	24
23. Midwife in attendance at another case .. ..	6
24. Death of baby .. ..	2
25. Other conditions .. ..	143

In addition to the notifications of sending for medical help, the following notifications were received from midwives.—

Stillbirths .. ..	104
Death of mother .. ..	3
Death of child .. ..	84
Laying out the dead .. ..	26
Liability to be a source of infection .. ..	38

TABLE 12.

	Number of domiciliary midwives practising in the area at end of year who were qualified to administer inhalational analgesics in accordance with the requirements of the Central Midwives Board	Number of sets of apparatus for the administration of inhalational analgesics in use at end of year		Number of cases in which inhalational analgesics were administered by midwives in domiciliary practice during the year :—				Number of cases in which pethidine was administered by midwives in domiciliary practice during the year :—	
		Gas and air	"Tri-lene"	When doctor was present at time of delivery of child		When doctor was not present at time of delivery of child		When doctor was present at time of delivery of child	When doctor was not present at time of delivery of child
				Gas and air	"Tri-lene"	Gas and air	"Tri-lene"		
District Midwives and Nurse Midwives ..	165	165	—	743	276	4,065	—	840	3,411
Midwives in Private Practice .. ..	1	1	—	—	—	29	—	13	1
TOTAL ..	166	166	—	743	276	4,094	—	853	3,412



With regard to the 47 cases in which medical help was requisitioned on account of rise of temperature, eight were subsequently notified as puerperal pyrexia. One of these received in-patient hospital treatment.

Of the 30 cases of inflammation of the eyes, none was notified as ophthalmia neonatorum.

Maternity outfits are available free of charge for all domiciliary confinements and the number issued during the year was 8,733.

Table 12 gives details of the administration of inhalational analgesics.

### PREMATURITY.

*Care of Premature Infants.*—Equipment for the home nursing of premature infants, including lined "Sorrento" cots, with mattress, blankets, sheets, hot water bottles, gamgee outfits and "Belcroy" feeders is kept centrally, and is available at short notice to any midwife who requires it. The midwife attends the premature baby very frequently for as long as is necessary.

There are no special hospital units for premature infants but if institutional treatment is considered desirable the general practitioner arranges admission to a paediatric unit. A "moses" basket is provided for transit. Table 13 gives details of premature births during 1960.

### MATERNAL MORTALITY.

Table 14 gives the maternal mortality rate in the administrative county during the past ten years.—

TABLE 14.

ADMINISTRATIVE COUNTY OF DURHAM.—Maternal Mortality—  
1951-1960.

Year	Births Registered (Live and Still)	Deaths from Puerperal Sepsis	Rate Per 1,000 births registered	Deaths from other accidents and diseases of pregnancy and parturition.	Rate per 1,000 births registered	Total Maternal Mortality Rate per 1,000 births registered
1951	16,216	4	0.25	18	1.11	1.36
1952	15,984	3	0.19	14	0.88	1.06
1953	16,457	—	—	15	0.91	0.91
1954	16,138	1	0.06	13	0.81	0.87
1955	16,128	1	0.06	7	0.43	0.50
1956	16,842	—	—	22	1.31	1.31
1957	17,506	—	—	11	0.63	0.63
1958	17,827	—	—	12	0.67	0.67
1959	17,384	—	—	10	0.58	0.58
1960	18,045	—	—	8	0.44	0.44



The Registrar General has allocated to the administrative county for 1960, six deaths under heading No. 30—Pregnancy, childbirth, abortion (see Table D), which gives a maternal mortality rate of 0.333 per 1,000 live and stillbirths.

Enquiries have, however, been made into eight deaths from maternal causes, for the purpose of completing report forms for the Ministry of Health, and this figure has been used for the calculation of the maternal mortality rate of 0.44 for the administrative county.

The following is an analysis of some features of these eight deaths, 1959 figures being given for comparison.

<i>Ages—</i>	Under 20	..	..	—	1959	1960	
	20-29	..	..	5	5	3	
	30-39	..	..	5	5	5	
	40-45	..	..	—	—	—	
<i>Parity—</i>	1	2	3	4	5	6	
	1959	5	2	—	2	—	1
	1960	2	—	1	3	2	—
<i>Ante-Natal Care</i>					1959	1960	
	None .. .. .	..	..	..	3	2	
	General Practitioner and Midwife	..	..	..	2	2	
	Hospital and General Practitioner ..	..	..	..	4	2	
	Attended L.H.A. Clinic and hospital	..	..	..	1	1	
Attended hospital .. .. .	..	..	..	—	1		
<i>Health during ante-natal period.</i>	Good .. .. .	..	..	..	7	4	
	Moderate .. .. .	..	..	..	1	2	
	Pre-existing disease .. .. .	..	..	..	2	1	
	Not known .. .. .	..	..	..	—	1	
<i>Causes of death.</i>	Toxaemia of pregnancy .. .. .	..	..	..	1	4	
	Abortion .. .. .	..	..	..	2	—	
	Abortion with sepsis .. .. .	..	..	..	1	1	
	Pulmonary embolism .. .. .	..	..	..	2	3	
	Cerebral thrombosis .. .. .	..	..	..	2	—	
	Post partum haemorrhage .. .. .	..	..	..	1	—	
Peritonitis .. .. .	..	..	..	1	—		
<i>Results.</i>	Full-time live births .. .. .	..	..	..	3	1	
	Premature live-births .. .. .	..	..	..	2	3*	
	Premature still-births .. .. .	..	..	..	—	1	
	Full-time still-births .. .. .	..	..	..	1	2	
	Abortion .. .. .	..	..	..	3	1	
Undelivered .. .. .	..	..	..	1	1		

\* Includes 1 set of twins.

TABLE 13.  
PREMATURE BIRTHS—1960.

(This table includes live births and still-births of 5½ lbs. or less at birth. Births in an ambulance or in the street are listed under the place to which the case was immediately transferred.)

1. NUMBER OF PREMATURE LIVE BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

(a) In hospital .. .. .	937
(b) At home .. .. .	382
*(c) In private nursing homes .. .. .	11
<b>TOTAL .. .. .</b>	<b>1,330</b>

2. NUMBER OF PREMATURE STILL-BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

(a) In hospital .. .. .	186
(b) At home .. .. .	49
*(c) In private nursing homes .. .. .	2
<b>TOTAL .. .. .</b>	<b>237</b>

\* "Private Nursing Homes" includes nursing homes and maternity hospitals and homes not in the National Health Service and Mother and Baby Homes where women are confined in the Home

Weight at Birth	PREMATURE LIVE BIRTHS															PREMATURE STILL-BIRTHS		
	;Born in Hospital			Born at Home and nursed entirely at home			Born at Home and transferred to Hospital on or before 28th day			Born in Nursing Home and nursed entirely there			Born in Nursing Home and transferred to Hospital on or before 28th day			Born in Hospital	Born at Home	Born in Nursing Home
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days			
3 lbs. 4 ozs. or less (1,500 gms. or less) ..	134	82	31	22	16	3	21	9	7	—	—	—	—	—	—	95	18	—
Over 3 lbs. 4 ozs. up to and including 4 lbs. 6 ozs. (1,500-2,000 gms.) ..	195	26	150	28	3	22	29	3	23	—	—	—	—	—	—	47	16	1
Over 4 lbs. 6 ozs. up to and including 4 lbs. 15 ozs. (2,000-2,250 gms.) ..	184	7	168	42	2	36	14	1	13	4	—	4	—	—	—	20	5	—
Over 4 lbs. 15 ozs. up to and including 5 lbs. 8 ozs. (2,250-2,500 gms.) ..	424	7	403	211	1	204	15	1	11	7	—	7	—	—	—	24	10	1
<b>TOTALS .. .. .</b>	<b>937</b>	<b>122</b>	<b>752</b>	<b>303</b>	<b>22</b>	<b>265</b>	<b>79</b>	<b>14</b>	<b>54</b>	<b>11</b>	<b>—</b>	<b>11</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>186</b>	<b>49</b>	<b>2</b>

; The group under this heading includes cases born in one hospital and transferred to another.

This table includes live births and still-births of 2½ lbs. or less at (continued)

NUMBER OF PREMATURE LIVE BIRTHS NOTIFIED (AS ADJUSTED BY

- (a) In hospital .. .. .
- (b) At home .. .. .
- (c) In private nursing homes .. .. .\*

NUMBER OF PREMATURE STILL-BIRTHS NOTIFIED (AS ADJUSTED BY

- (a) In hospital .. .. .
- (b) At home .. .. .
- (c) In private nursing homes .. .. .\*

"Private Nursing Homes" includes nursing homes and maternity  
The Home

Weight	Born in Hospital			Born at Home and nursed entirely at home		
	Total	Died within 24 hrs. of birth	Survived 28 days	Total	Died within 24 hrs. of birth	Survived 28 days
2½ lbs. or less	134	82	31	22	16	2
3 lbs. 4 ozs. up including 4 lbs.	192	26	150	28	3	2
4 lbs. 6 ozs. up including 4 lbs.	184	7	168	42	2	2
5 lbs. 12 ozs. up including 5 lbs.	424	7	403	211	1	2
Total	937	122	752	303	22	2

This group under this heading includes cases born in one hospital and



## HOME NURSING.

At the end of the year there were 119 whole-time district nurses, one part-time district nurse and 38 district nurse-midwives, who spent approximately half their time on home nursing duties, the establishment being 121 and 43 respectively.

No difficulty is being experienced in obtaining applications from general nurses, but lack of housing accommodation is responsible for existing vacancies.

There has been a slight decrease in the number of cases nursed at home but no change in the total number of visits paid.

The number of cases aged 65 years and over remains unchanged but the visits paid to them continue to rise steadily. This indicates that the majority of these are chronic sick patients who receive two or three visits per week. Further evidence of this can be seen in the number of visits paid to patients who have received more than 24 visits during the year.

At the end of the year 61 nurses and 24 nurse-midwives used cars, one used a motor cycle and two bicycles.

There has been good liaison with general practitioners and hospitals regarding the need for patients to be nursed at home wherever conditions make it suitable and advisable for this to be done. On the whole doctors are reluctant to send aged patients and children to hospital unless this is essential and even when it is essential hospitals and doctors are anxious that such patients should return to their homes as quickly as possible. The assistance of the district nurse is, therefore, welcomed and information regarding such cases is freely exchanged. As a result she is able to co-operate in the provision of nursing care at home and in the training of relatives, and especially of mothers of sick children, regarding their share in this important work.

Table 15 gives details of the cases and visits, with comparative figures for 1959.

## PUERPERAL PYREXIA.

During the year there were 49 confirmed cases of puerperal pyrexia, compared with 71 cases in 1959. No deaths were registered from puerperal sepsis.

According to information received 42 cases had in-patient treatment.

## OPHTHALMIA NEONATORUM.

TABLE 16.

Notified	Cases.			Vision un-impaired	Vision im-paired	Total Blindness.	Re-moved No Report	Deaths	Under treatment at end of year
	Treated		Hospital						
	At Home	In-patient							
1	1	—	—	1	—	—	—	—	—

ADMINISTRATIVE COUNTY OF DURHAM—HOME NURSING—1959-1960.

TABLE 15.

Year	Staff		General Medical		General Surgical		Infectious Diseases		Tuberculosis		Maternal Complications		Others		Total	
	Whole-time	Part-time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
1959	118	39	12,385	311,072	5,641	108,502	29	310	515	25,100	82	830	—	14,850	18,652	460,664
1960	119	39	11,737	312,348	5,335	105,273	54	329	508	29,686	77	797	—	10,979	17,711	459,412

Year	Patients included in above Table who were 65 or over at the time of the first visit during the year.		Children included in above Table who were under 5 at the time of the first visit during the year.		Patients included in above Table who had more than 24 visits during the year.	
	Cases	Visits	Cases	Visits	Cases	Visits
1959	7,554	248,066	1,401	10,375	4,315	292,484
1960	7,522	253,027	1,273	9,661	4,264	300,600



The health visitors make careful enquiries into all cases of inflammation of the eyes of newly-born children, and during the year, in addition to the one case notified as ophthalmia neonatorum, they reported 153 such cases to which they paid 347 home visits.

The following details have been abstracted regarding these cases.—

*Treatment.*

No. of cases treated by own doctor .. ..	118
No. of cases treated by own doctor and district nurse .. ..	—
No special treatment .. ..	35

*Hospital Treatment.*

In-patients .. ..	—
Out-patients .. ..	—

*Results.*

Vision unimpaired .. ..	152
Under treatment at the end of the year ..	1

#### HEALTH VISITING.

Health visitors have continued to visit and advise the whole family on all aspects of health. A more affluent society and higher standards of living have reduced problems of environmental hygiene, but personal instruction in the home and group health education at clinics, clubs and to professional groups provide the health visitor with a continuing and expanding role in the health education and social counselling of the family, while much time is spent in trying to prevent the break-up of problem families.

Special attention has been given to the early ascertainment in infants of Phenylketonuria, deafness and squint, and the investigation of all baby deaths, especially in cases of death from prematurity, bronchitis, pneumonia, and accident.

There has been good liaison with paediatric units regarding the care and after care of premature babies. Case notes regarding children discharged from hospital prove invaluable to health visitors in their follow up and after care service and the frequent exchange of information between hospital staffs and health visitors through almoners facilitates the early discharge of patients and their subsequent community care.

This liaison also applies to patients of all ages discharged from general or accident hospitals needing after care or having social problems, and particularly applies to the aged. Much work has been done to maintain the physical and emotional health of the elderly. Co-operation with general practitioners continues to develop and is of particular value in this field.

Health visitors have continued to visit and advise those suffering from tuberculosis, co-operating with chest physicians in the care and social welfare of patients, the follow up of contacts and participation in B.C.G. vaccination programmes.

Assistance has been given in extended programmes for Poliomyelitis Vaccination and Diphtheria Immunisation.



Health visitors continue to visit and advise families in respect of the mentally disordered. Special attention has been given to the prevention of mental ill-health. The service to improve human relationships and create a healthy mental climate must operate before family relationships are damaged so that the health visitor with her normal access to the home before either clinical or social emergencies exist, has an opportunity to teach parents, who appear very willing to learn, a good deal about the emotional and social needs of their children.

Lectures continue to be given to student nurses in hospital on community health and health services available. This is followed by the students spending a day visiting with a health visitor on the district.

*Health Visitors' Training School.*—Eight of the nine students in training were successful in obtaining the health visitor's certificate at the first attempt, while the remaining student was successful at the second.

*Summary of Work done by Health Visitors.*—The work of the health visitors during the year is summarised in Table 17.

## VACCINATION AND IMMUNISATION.

*Smallpox, Diphtheria and Whooping Cough.*—Propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

Details in respect of all children vaccinated and immunised are supplied to health visitors to enable them to visit and advise in respect of those children not so protected, while the assistant welfare medical officers give similar advice at the child welfare centres.

The vaccinations and immunisations are carried out by the general practitioners at their surgeries and by the assistant welfare medical officers at the welfare centres.

A diphtheria immunisation scheme was undertaken at schools in the Stanley Urban District during June and July.

Tables 18, 19 and 20 give details of the numbers vaccinated and immunised in the county.

*Poliomyelitis Vaccination.*—Vaccination against poliomyelitis was continued during the year and was extended to include all persons over the age of six months who had not reached the age of forty years at the time of their application, and to the following special groups.—

General practitioners, ambulance staff, hospital staff who come into contact with patients, medical students, practising dental surgeons, dental students, dental hygienists, student hygienists and dental surgeons' chairside assistants, practising nurses not working in hospitals, public health staff who may come into contact with poliomyelitis cases, the families of the above groups, expectant mothers, and persons going to visit or reside in a country outside Europe, other than Canada or the United States of America.

TABLE 18.

ADMINISTRATIVE COUNTY OF DURHAM.—Number of Persons Vaccinated or Re-vaccinated against Smallpox for which records were received during the year 1960.

District.	VACCINATED Age at date of Vaccination.					RE-VACCINATED Age at date of Re-vaccination.					Total	
	Under 1	1	2 to 4	5 to 14	15 or over	Under 1	1	2 to 4	5 to 14	15 or over		
<i>Area No. 1.</i>												
Blaydon U.D.	148	1	2	3	8	—	—	1	1	18	20	
Ryton U.D.	118	1	—	2	9	—	—	—	3	2	5	
Whickham U.D.	209	4	5	8	14	—	—	5	4	18	27	
<i>Area No. 2.</i>												
Jarrow M.B.	190	11	7	7	14	—	—	—	—	21	21	
Felling U.D.	277	1	4	6	6	—	—	3	3	11	17	
Hebburn U.D.	225	4	5	—	7	—	—	—	2	23	26	
<i>Area No. 3.</i>												
Consett U.D.	278	13	13	12	36	—	—	—	1	41	42	
Stanley U.D.	246	4	2	—	21	—	—	1	3	27	31	
Lanchester R.D.	55	3	1	8	11	—	—	1	—	6	7	
<i>Area No. 4.</i>												
Chester-le-Street U.D.	126	3	3	5	22	—	—	—	2	19	21	
Chester-le-Street R.D.	245	5	5	8	26	—	—	—	—	22	22	
<i>Area No. 5.</i>												
Boldon U.D.	188	6	6	9	19	—	—	1	4	40	45	
Hetton U.D.	70	—	2	—	2	—	—	—	—	11	11	
Houghton-le-Spring U.D.	149	9	10	6	34	—	—	—	5	13	18	
Washington U.D.	173	1	1	2	10	—	—	1	4	22	28	
Sunderland R.D.	216	5	2	8	20	—	—	—	1	15	16	
<i>Area No. 6.</i>												
Crook & Willington U.D.	131	1	3	2	13	—	—	1	1	15	17	
Tow Law U.D.	12	—	—	2	4	—	—	—	—	2	2	
Weardale R.D.	82	2	2	7	5	—	—	—	—	7	7	
<i>Area No. 7.</i>												
Durham M.B.	149	2	2	11	19	—	—	1	6	28	35	
Brandon & Byshottles U.D.	133	5	1	3	8	—	—	1	1	12	15	
Durham R.D.	227	4	4	5	8	—	—	—	—	22	22	
<i>Area No. 8.</i>												
Seaham U.D.	144	3	6	5	12	—	—	2	6	26	34	
Easington R.D.	499	14	13	24	60	—	—	5	6	48	59	
<i>Area No. 9.</i>												
Barnard Castle U.D.	29	1	2	1	1	—	—	3	2	9	14	
Barnard Castle R.D.	88	2	6	2	12	—	—	2	5	13	20	
<i>Area No. 10.</i>												
Bishop Auckland U.D.	225	6	3	1	21	—	—	3	7	25	35	
Shildon U.D.	73	1	—	3	5	—	—	—	—	5	6	
Spennymoor U.D.	84	2	3	6	14	—	—	—	1	11	12	
<i>Area No. 11.</i>												
Hartlepool M.B.	131	1	1	2	6	—	—	1	2	22	25	
Billingham U.D.	263	7	4	15	36	—	—	1	—	21	22	
Darlington R.D.	187	20	9	8	23	—	—	2	1	17	20	
Sedgefield R.D.	176	3	4	2	14	—	—	—	1	11	12	
Stockton R.D.	62	3	5	3	5	—	—	—	—	14	14	
<i>Area No. 12.</i>												
Stockton M.B.	429	29	19	23	51	—	—	5	9	93	108	
ADMINISTRATIVE COUNTY	6,037	177	155	209	576	—	—	40	81	710	836	







District.	Live Births Registered.		Number of children who had completed a full course of immunisation at any time up to 31st December, 1960.		Records received during the year of full courses of primary immunisation.			Records received during the year of reinforcing injections	
	1959	1960	5-15		Under 5	5-15	Total	0-15	
			Under 5	5-15				Under 5	0-15
<i>Area No. 1.</i>									
Blaydon U.D.	498	530	1,283	3,406	304	47	351	119	
Ryton U.D.	187	221	592	1,624	153	—	153	95	
Whickham U.D.	398	397	1,380	2,796	350	9	359	196	
<i>Area No. 2.</i>									
Jarrow M.B.	560	577	1,174	3,950	255	10	265	98	
Felling U.D.	656	710	1,627	2,873	477	16	493	162	
Hebburn U.D.	564	545	1,225	2,889	328	8	336	99	
<i>Area No. 3.</i>									
Consett U.D.	640	649	1,667	4,496	423	8	431	246	
Stanley U.D.	750	760	2,100	5,518	543	15	558	335	
Lanchester R.D.	213	223	529	1,702	158	6	164	27	
<i>Area No. 4.</i>									
Chester-le-Street U.D.	297	294	753	2,013	205	4	209	92	
Chester-le-Street R.D.	666	676	1,421	4,391	427	7	434	177	
<i>Area No. 5.</i>									
Boldon U.D.	368	429	746	1,765	215	—	215	62	
Hetton U.D.	315	326	464	1,409	95	8	103	20	
Houghton-le-Spring U.D.	551	582	1,123	2,774	370	19	389	83	
Washington U.D.	370	368	808	2,049	278	11	289	89	
Sunderland R.D.	527	572	1,021	2,529	334	14	348	115	
<i>Area No. 6.</i>									
Crook & Willington U.D.	378	391	778	2,035	237	10	247	120	
Tow Law U.D.	37	52	114	305	35	2	37	7	
Weardale R.D.	108	111	404	904	100	29	129	56	
<i>Area No. 7.</i>									
Durham M.B.	287	310	717	1,724	210	15	225	84	
Brandon & Byshottles U.D.	433	395	932	2,034	272	14	286	70	
Durham R.D.	581	643	1,332	2,812	377	21	398	114	
<i>Area No. 8.</i>									
Seaham U.D.	526	495	838	2,922	285	9	294	65	
Easington R.D.	1,639	1,663	3,774	8,142	1,020	25	1,045	252	
<i>Area No. 9.</i>									
Barnard Castle U.D.	100	99	200	470	61	2	63	24	
Barnard Castle R.D.	262	300	785	1,921	210	36	246	78	
<i>Area No. 10.</i>									
Bishop Auckland U.D.	618	650	1,221	3,277	344	8	352	112	
Shildon U.D.	228	210	515	1,086	158	17	175	60	
Spennymoor U.D.	309	336	554	2,084	156	7	163	20	
<i>Area No. 11.</i>									
Hartlepool M.B.	370	394	776	2,222	210	5	215	37	
Billingham U.D.	709	762	2,358	4,674	733	17	750	1,030	
Darlington R.D.	460	531	1,297	1,707	388	24	412	174	
Sedgefield R.D.	572	570	1,151	3,176	370	44	414	74	
Stockton R.D.	151	144	322	694	89	2	91	32	
<i>Area No. 12.</i>									
Stockton M.B.	1,648	1,707	3,214	9,383	960	411	1,371	1,364	
Administrative County	16,976	17,622	39,195	97,756	11,130	880	12,010	5,788	

The number of children in the county immunised up to 31st December, expressed as a proportion of the mid-1960 child population was : 0 - 5 years, 48% and 5 - 15 years, 63%.

Ηλεκτρονική Πύλη U.D.	312	350	404	1'406	782	19	107	150
Βοήθεια U.D.	308	453	140	1'303	512	5	512	65
Άλλα Νο. 2 R.D.	208	111	106	904	100	29	129	56
Α. Στρατός-2η U.D.	600	010	1'451	4'301	453	3	454	111
Στρατός-2η U.D.	383	304	373	3'074	202	14	200	63
Άλλα Νο. 1 & Βυθούλια U.D.	433	395	932	2'034	272	14	286	70
Dimitra R.D.	581	643	1'332	2'812	377	21	398	114
Γαλακτοκομία U.D.	313	333	250	1'303	128	0	104	53
Α. Στρατός U.D.	320	360	3'100	2'218	243	12	228	372
Στρατός U.D.	640	608	1'603	4'982	453	8	494	548
Άλλα Νο. 3 R.D.	1,639	1,663	3,774	8,142	1,020	25	1,045	252
Α. Ηλεκτρονική U.D.	204	242	1'352	5'860	358	8	330	80
Βελήνη U.D.	620	310	1'633	5'819	481	10	483	103
Λακωνική U.D.	260	203	1'134	3'820	328	10	302	82
Άλλα Νο. 3								
Άρα Νο. 10								
Διακρίση U.D.	808	860	1'280	3'302	320	0	320	180
Κόρινθος U.D.	183	330	203	1'034	123	17	123	69
Βιολύνη U.D.	408	230	1'581	3'400	304	43	321	178
Άλλα Νο. 1								
District	1828	1800	Number 2	2-12	Number 2	2-12	Total	0-12

December 1990  
time up to 31st  
migration in the  
course of the  
completed in the  
year who had  
Number of child-

in the migration  
of the year of  
December 1990

in the migration  
of the year of  
December 1990

Registered  
in the State

District

Number of children who had completed a primary course (normally 3 injections) of Pertussis vaccine (singly or in combinations) for which records were received during the year.

District.	Under 1	1 to 4	5 to 14	Total.
<i>Area No. 1.</i>				
Blaydon U.D.	266	36	20	322
Ryton U.D.	132	20	—	152
Whickham U.D.	310	39	7	356
<i>Area No. 2.</i>				
Jarrow M.B.	185	73	9	267
Felling U.D.	376	94	11	481
Hebburn U.D.	214	93	5	312
<i>Area No. 3.</i>				
Consett U.D.	331	57	7	395
Stanley U.D.	463	73	9	545
Lanchester R.D.	123	27	7	157
<i>Area No. 4.</i>				
Chester-le-Street U.D.	145	39	5	189
Chester-le-Street R.D.	328	73	8	409
<i>Area No. 5.</i>				
Boldon U.D.	185	33	—	218
Hetton U.D.	75	20	8	103
Houghton-le-Spring U.D.	263	101	20	384
Washington U.D.	190	82	6	278
Sunderland R.D.	184	104	14	302
<i>Area No. 6.</i>				
Crook U.D.	129	64	6	199
Tow Law U.D.	23	12	2	37
Weardale R.D.	85	15	1	101
<i>Area No. 7.</i>				
Durham M.B.	141	65	16	222
Brandon U.D.	224	43	14	281
Durham R.D.	293	71	10	374
<i>Area No. 8.</i>				
Seaham U.D.	189	103	9	301
Easington R.D.	838	170	20	1,028
<i>Area No. 9.</i>				
Barnard Castle U.D.	46	15	2	63
Barnard Castle R.D.	158	52	12	222
<i>Area No. 10.</i>				
Bishop Auckland U.D.	260	76	12	348
Shildon U.D.	114	40	14	168
Spennymoor U.D.	128	28	7	163
<i>Area No. 11.</i>				
Hartlepool M.B.	144	55	3	202
Billingham U.D.	506	212	6	724
Darlington R.D.	310	78	15	403
Sedgefield R.D.	304	56	7	367
Stockton R.D.	75	12	2	89
<i>Area No. 12.</i>				
Stockton M.B.	743	201	21	965
ADMINISTRATIVE COUNTY	8,480	2,332	315	11,127





TABLE 21.

ADMINISTRATIVE COUNTY OF DURHAM. — Poliomyelitis Vaccination, 1960.

District	Number of Persons vaccinated with two injections.					Number of persons who received third injections during the year	Number of applicants awaiting first injection at 31.12.60.				
	Children born in the years 1943-1960	Young persons born in the years 1933-1942	Persons born before 1933 who have not passed their 40th birthday	Others Aged 40 or over and persons whose age is unknown	TOTAL		Children born in the years 1943-1960	Young persons born in the years 1933-1942	Persons born before 1933 who have not passed their 40th Birthday	Others aged 40 or over and persons whose age is unknown	TOTAL
1. Blaydon U.D. . . . . } Ryton U.D. . . . . } Whickham U.D. . . . . }	1,251	341	656	23	2,271	9,225	—	—	—	—	—
2. Jarrow M.B. . . . . } Felling U.D. . . . . } Hebburn U.D. . . . . }	1,213	239	1,066	14	2,532	12,558	—	—	—	—	—
3. Consett U.D. . . . . } Stanley U.D. . . . . } Lanchester R.D. . . . . }	1,394	655	766	20	2,835	8,971	121	41	9	3	174
4. Chester-le-Street U.D. . . . } Chester-le-Street R.D. . . . }	1,033	199	262	8	1,502	9,370	13	—	1	—	14
5. Boldon U.D. . . . . } Hetton U.D. . . . . } Houghton-le-Spring U.D. . . . } Washington U.D. . . . . } Sunderland R.D. . . . . }	2,315	907	570	34	3,826	16,514	380	79	2	—	461
6. Crook & Willington U.D. . . . } Tow Law U.D. . . . . } Weardale R.D. . . . . }	1,070	651	207	20	1,948	4,297	—	—	—	—	—
7. Durham M.B. . . . . } Brandon & Byshottles U.D. . . . } Durham R.D. . . . . }	1,167	644	936	34	2,781	8,676	2	1	2	—	5
8. Seaham U.D. . . . . } Easington R.D. . . . . }	2,635	1,179	590	41	4,445	10,348	—	—	—	—	—
9. Barnard Castle U.D. . . . . } Barnard Castle R.D. . . . . }	693	265	310	11	1,279	2,172	1	1	—	—	2
10. Bishop Auckland U.D. . . . . } Shildon U.D. . . . . } Spennymoor U.D. . . . . }	2,499	977	1,325	16	4,817	8,357	400	60	—	—	460
11. Hartlepool M.B. . . . . } Billingham U.D. . . . . } Darlington R.D. . . . . } Sedgefield R.D. . . . . } Stockton R.D. . . . . }	2,289	768	1,306	21	4,384	13,759	30	4	3	—	37
12. Stockton M.B. . . . . }	1,715	434	1,000	14	3,163	9,361	56	4	3	—	63
ADMINISTRATIVE COUNTY . . . . . }	19,274	7,259	8,994	256	35,783	113,608	1,003	190	20	3	1,216

Total	Persons aged 15 and over		Persons aged 14 and under		Total
	Male	Female	Male	Female	
12. Stockton M.B.	4	4	..	..	8
11. Hartlepool M.B., Billingham U.D., Darlington R.D., Sedgfield R.D., Stockton R.D.	..	..	..	..	..
10. Bishop Auckland U.D., Shildon U.D., Spennymoor U.D.	..	..	..	..	..
9. Barnard Castle U.D., Barnard Castle R.D.	..	..	..	..	..
8. Seaham U.D., Easington R.D.	..	..	..	..	..
7. Durham M.B., Brandon & Byshottles U.D., Durham R.D.	..	..	..	..	..
6. Crook & Willington U.D., Tow Law U.D., Weardale R.D.	..	..	..	..	..
5. Boldon U.D., Hetton U.D., Houghton-le-Spring U.D., Washington U.D., Sunderland R.D.	..	..	..	..	..
4. Chester-le-Street U.D., Chester-le-Street R.D.	..	..	..	..	..
3. Consett U.D., Stanley U.D., Lanchester R.D.	..	..	..	..	..
2. Jarrow M.B., Felling U.D., Hebburn U.D.	..	..	..	..	..
1. Blaydon U.D., Ryton U.D., Wickham U.D.	..	..	..	..	..
Administrative County of	18,274	18,274	8,712	8,712	37,000



TABLE 17.  
DOMICILIARY VISITS.

<i>Maternity and Child Welfare.—</i>						
Ante-Natal	First visits	..	..	..	..	5,027
	Revisits	..	..	..	..	2,268
Births	First visits	..	..	..	..	17,436
	Revisits to children	under 1 year	..	..	..	46,101
	"	"	1—2 years	..	..	38,708
	"	"	2—3 "	..	..	36,550
	"	"	3—4 "	..	..	33,476
	"	"	4—5 "	..	..	34,931
	"	"	5—6 "	..	..	200
Other visits	..	..	..	..	..	3,897
Total .. ..						218,594
<i>Tuberculosis.—</i>						
	First visits	..	..	..	..	650
	Revisits	..	..	..	..	14,677
	Other visits	..	..	..	..	993
Total .. ..						16,320
<i>School Work.—</i>						
	School Children	(Home visits)	..	..	..	14,073
	do.	(School visits)	..	..	..	1,222
Total .. ..						15,295
<i>General Health.—</i>						
	Visits	..	..	..	..	1,735
<i>Mental Deficiency.—</i>						
	Visits paid to mentally subnormal persons	..	..	..	..	7,093
<i>Myopia Cases.—</i>						
	..	..	..	..	..	4
<i>Elderly People.—</i>						
	Visits	..	..	..	..	6,498
<i>Summary.—</i>						
	Ineffective visits	..	..	..	..	34,522
	Total number of visits	..	..	..	..	300,061
	Number of effective visits	..	..	..	..	265,539
	Time (as days) spent on visits (routine, other and ineffective)	..	..	..	..	13,057
	Average daily number of effective visits per health visitor	..	..	..	..	20
<i>Clinic, Etc., Work.—</i>						
	Time (as days) spent.—	..	..	..	..	
	(a) at maternity and child welfare centres	..	..	..	..	7,032
	(b) at chest clinics and contact sessions	..	..	..	..	1,243
	(c) at school head to head inspections	..	..	..	..	497
	(d) at school clinics	..	..	..	..	119
	(e) conducting children to special schools	..	..	..	..	144
	(f) assisting with school medical inspections	..	..	..	..	537
	(g) at nursery schools	..	..	..	..	49
<i>Diseases reported to district Medical Officers of Health.—</i>						
	Overcrowding	..	..	..	..	34
	Sanitary defects	..	..	..	..	31

The offer of third injections was also made in respect of those cases who had received their second injections at least seven months previously.

Vaccination of people over the age of forty and not included in one of the above special groups can be undertaken by general practitioners at their surgeries but not by the local health authority.

At the end of the year 227,698 cases had received two injections ; of these 181,210 had received their 3rd injections, and 1,216 were awaiting vaccination.

Table 21 gives details of poliomyelitis vaccinations carried out during the year.

#### AMBULANCE SERVICE.

The routine operation of the service continued satisfactorily throughout the year.

The new depot premises at Hebburn were occupied on the 7th January. Proposals for building a new depot at Bishop Auckland and a new out-station at Barnard Castle received attention, and a site was earmarked for the building of an out-station at Newton Aycliffe. Various improvements in amenities, furnishings and equipment were undertaken at the Consett, Durham, Hebburn, New Herrington, Stanley, Stockton and Wheatley Hill depots.

On the 1st April head drivers were re-designated depot superintendents, and senior drivers were appointed to serve as shift-leaders.

Ten Bedford/Lomas ambulances and ten Austin/Kenning sitting-case vehicles were put into service during the year, and orders were placed for the purchase of a further ten conventional and eighteen lightweight ambulances.

As from the 1st August, the central control at Ambulance Headquarters took over the receipt of all calls for ambulance transport from Unit Areas Nos. 6, 7 and 8, leaving the Wheatley Hill depot to continue to operate as a 24-hour depot, but without any message receiving functions.

Close relations were maintained throughout the year with the appropriate trades unions concerning staff remuneration (including the payment of wages one week in arrear), working conditions and amenities generally.

The service carried 319,364 cases and covered 2,284,635 miles during the year, an increase of 18,021 cases and 71,930 miles compared with 1959.

TABLE 22.

Year	No. of Journeys made	No. of Patients carried			Total Mileage covered
		Stretcher cases	Sitting cases	Total	
1959	86,380	50,445	250,898	301,343	2,212,705
1960	89,368	52,608	266,756	319,364	2,284,635
Increase or decrease	+2,988	+2,163	+15,858	+18,021	+71,930



*Long Distance Journeys.*—The following is a statement of long distance journeys undertaken during the year.—

Berkshire .. .. .	1	Lancashire .. .. .	10
Cheshire .. .. .	1	Nottinghamshire ..	4
Cumberland .. .. .	18	Westmorland .. .. .	1
Derbyshire .. .. .	1	Yorkshire .. .. .	49
Kent .. .. .	1	Scotland .. .. .	4
Totals : Journeys — 90			
Mileage — 18,632			

Of 271 drivers entered for the National Safe Driving Competition for 1960, organised by the Royal Society for the Prevention of Accidents, 238 qualified to receive an award.

ORGANISATION.—

Headquarters control	1	Headquarters staff ..	16
Agent controls ..	2	Headquarters control staff :	
Message receiving centres .. .. .	5	Supervisors .. .. .	4
Ambulance depots :		Control room assistants ..	6
24-hour service .. 11		Telephonists .. .. .	3
12-hour service .. 7		Radio operator .. .. .	1
	18		14
Ambulances .. .. .	80	Depot telephonists	4
Light sitting case vehicles .. .. .	14	Liaison officers .. .. .	3
Cars .. .. .	2	Depot superintendents .. .. .	14
Breakdown vehicle .. .. .	1	Senior drivers .. .. .	32
		Driver-attendants .. .. .	244
		Mechanics .. .. .	4

(a) *Controls.*—For operational purposes, the drivers and vehicles are grouped in 17 unit areas, and these areas are further grouped into five message receiving centre areas and two agent-control areas (for details of grouping see Table 23).

The message receiving centres are in direct telephone communication with the central control, their functions being to receive calls for ambulance transport and, after notifying headquarters control of the details, to act on the instructions of the duty supervisor. The message receiving centres, the agent-controls, Hartlepool, New Herrington and Wheatley Hill depots and the three out-stations maintain a regular 24-hour cover to deal with emergencies, and also provide vehicles for general service duties, while the remaining seven depots provide vehicles to deal with general service duties from 8 a.m. to 8 p.m. on weekdays and 8 a.m. to 4 p.m. on Saturdays.

(b) *Depots.*—The number of depots in the scheme is 18, comprising seven main depots, seven day depots, one small coastal depot, and three rural out-stations covering Weardale and Teesdale.

(c) *Vehicles.*—At the end of 1959 there were 86 ambulances, 10 light sitting-case vehicles and two cars. The corresponding numbers at the



end of 1960 were 80 ambulances, 14 light sitting-case vehicles and two cars, the decrease in the fleet being accounted for as follows.—

	<i>Ambulances Standard</i>	<i>Light Sitting-case vehicles</i>	<i>Cars</i>
Number of vehicles at beginning of year . . . . .	86	10	2
Unserviceable and withdrawn during the year . . . . .	16	4	—
New vehicles . . . . .	10	8	—
Number of vehicles at end of year	80	14	2

During the year 80 vehicles required major repairs and 525 minor repairs.

(d) *Staff.*—

(i) Headquarters.—There were no changes in the number of staff at headquarters during the year.

(ii) Controls.—The central control is manned continuously by a supervisor and staff of control room assistants (all males) working on a shift system. At five of the message receiving centres a male telephonist is employed on a day shift, the driving staff manning the telephone for the balance of each 24 hours. From the 1st August the number of message receiving centres was reduced to four, as this function at the Wheatley Hill centre was transferred to the central control on that date.

(iii) Driver-attendants.—The total number of depot staff employed in the service at the end of the year was 290 (including 14 depot superintendents and 32 senior drivers), an increase of one on the number for 1959.

(iv) Mechanics.—Four mechanics are employed and operate at repair units located at Crook, Durham, Stanley and Wheatley Hill.

Details of the work done in the unit areas is shown in Table 24, and Table 25 records work done by the service since inception.

#### PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Close liaison is maintained between the chest clinics, county health visitors and the County Health Department. Voluntary care committees exist in some areas and give help outside the range of official assistance, but the need for the establishment of such committees in other chest clinic areas is stressed by certain physicians.

From Whickham chest clinic, Dr. K. M. Martischnig reports that despite the continuous fall of notifications in previous years, last year the number of newly notified cases increased.

1959—cases notified—28 pulmonary : 3 non-pulmonary  
1960—cases notified—34 pulmonary : 9 non-pulmonary

He states that this cannot be explained by different standards of notification as criteria for notifying remained the same and were done by the same person.

M.R.C. No.	Address of Message Receiving Centre	Unit Area No.	Districts served.	Telephone Number.
1	Ambulance Station, St. John's Avenue, HEBBURN.	1 5	<i>East Tyneside:</i> Jarrow M.B. ; Hebburn U.D. ; Felling U.D. <i>North Eastern:</i> Washington U.D. ; Boldon U.D. ; Sunderland R.D. (that part lying north of the River Wear).	HEBBURN 832157.
3	Ambulance Station, East Street, STANLEY.	2 3 4	<i>West Tyneside:</i> Whickham U.D. ; Blydson U.D. ; Ryton U.D. <i>Stanley:</i> Stanley U.D. <i>Consett:</i> Consett U.D. ; Lanchester R.D. (the Civil parishes of Muggleswick and Healeyfield) ; Weardale R.D. (the Civil parishes of Hunstanworth and Edmondbyers). Also the township of Blanchland and the parts of Shotley Bridge in Northumberland.	STANLEY 570.
8	† Ambulance Station, Byron Street, WHEATLEY HILL.	6 7 8	<i>Houghton:</i> Hetton U.D. ; Houghton-le-Spring U.D. ; Sunderland R.D. (that part lying south of the River Wear) ; Durham R.D. (the Civil parish of Rainton). <i>Seaham:</i> Seaham U.D. ; Easington R.D. (the Civil parishes of Burdon, Cold Heslodon, Dalton-le-Dale, East Murton, Seaton-with-Slingley, and Warden Law). <i>Easington:</i> Easington R.D. (the Civil parishes of Castle Eden, Easington, Haswell, Hawthorn, Horden, Hutton Henry, Monk Heslodon, Nesbitt, Peterlee, Sheraton-with-Hulam, Shotton, Thornley and Wingate).	DURHAM 3426.
9	* Ambulance Station, Elwick Road, WEST HARTLEPOOL.	9	<i>Hartlepool:</i> Hartlepool M.B. ; Stockton R.D. (the Civil parishes of Brierton, Claxton, Dalton Piercy, Elwick, Elwick Hall, Greatham, Hart, Newton Bewley and Seaton).	HARTLEPOOLS 2011.
11	Ambulance Station, Grangefield Road, STOCKTON-ON-TEES.	11	<i>Stockton:</i> Stockton M.B. ; Billingham U.D. ; Stockton R.D. (the Civil parishes of Aislaby, Carlton, Egglecliffe, Elton, Grindon, Longnewton, Newsham, Norton, Preston-on-Tees, Redmarshall, and Whetton).	STOCKTON 67410.
12	* Ambulance Station, Borough Road, DARLINGTON.	12	<i>Darlington:</i> Darlington R.D.	DARLINGTON 3333.
14	Ambulance Station, South Church Road, BISHOP AUCKLAND.	13 14	<i>Barnard Castle:</i> Barnard Castle U.D. ; Barnard Castle R.D. (excluding the Civil parishes of Bolam, Etherley, Evenwood-and-Barony, Hamsterley, and South Bedburn). <i>Bishop Auckland:</i> Bishop Auckland U.D. ; Shildon U.D. ; Spennymoor U.D. ; Barnard Castle R.D. (the Civil parishes of Bolam, Etherley, Evenwood-and-Barony, Hamsterley and South Bedburn).	BISHOP AUCKLAND 810.
16	Ambulance Headquarters, Framwellgate Moor, DURHAM.	10 15 16	<i>Western:</i> Crook and Willington U.D. ; Tow Law U.D. ; Weardale R.D. (excluding the Civil parishes of Hunstanworth and Edmondbyers in No. 4 Unit Area). <i>Sedgefield:</i> Sedgefield R.D. <i>Chester-le-Street:</i> Chester-le-Street U.D. ; Chester-le-Street R.D. <i>Durham:</i> Durham M.B. ; Brandon U.D. ; Durham R.D. (excluding the Civil parish of Rainton in No. 6 Unit Area) ; Lanchester R.D. (excluding the Civil parishes of Muggleswick and Healeyfield in No. 4 Unit Area).	DURHAM 3426.

\* Agent Control.

† As from 1st August, the Central Control at Ambulance Headquarters took over the receipt of all calls for ambulance transport from unit areas Nos. 6, 7 and 8, leaving the Wheatley Hill depot to continue to operate as a 24-hour depot, but without any message receiving function.

16	Ambulance Headquarters, Framwellgate Moor, DURHAM.	10	See R.D. (the Civil parishes of HUNTERSMOUTH and of HUNTERSMYK and HAZELGATE) ; MESSAGES OFFICE, CHESTER-16-STREET R.D. (the Civil parishes of COMPTON-16-STREET U.D. ; CHESTER-16-STREET R.D. ; STUNYAL R.D. ; STUNYAL U.D. ; BRANDON U.D. ; DURHAM R.D. ; MARSHALL R.D. ; BRIMHAM R.D. ; BRIMHAM III R.D. ; NEWTON R.D. ; CHESTER-16-STREET R.D. (excluding the Civil parishes of BRIMHAM and HAZELGATE) ; WEST WASHINGTON R.D. ; BOLTON R.D. ; STUNYAL and COMPTON-16-STREET R.D. ; HERRING R.D. ; FELLING R.D. ; EAST DURHAM.	2310 STUNYAL
3	Stunyal East Street Ambulance Station.	15 4 16 3 5		DURHAM 3426.
	Herrington St. John's Avenue Ambulance Station.	2 1		835123 HERRINGTON
No. M.B.C.	Message Receiving Centre Address of	No. Area Type	At Ambulance Headquarters look over the receipt of all Messages received. All Messages to continue Districts served.	Interpreter Telephone



TABLE 24.  
ADMINISTRATIVE COUNTY OF DURHAM.—SUMMARY OF AMBULANCE WORK done during the period 1st JANUARY to 31st DECEMBER, 1960.

UNIT AREA	Authorised establishment of men and vehicles					Actual Numbers employed on 31st December, 1960.	GENERAL												EMERGENCY												Grand total of cases		Petrol used (galls.)	Derv used (galls.)	Mileage													
	Ambulances.		Cars.		Depot Staff.		Ambulances.		Light S.C. Vehicles.		Depot Staff.	No. of Journeys.	Admissions to Hospital.		Infectious Diseases Cases.		Tuberculous Cases.		Hospital Transfers.		Hospital Out-Patient Treatment Cases.		Discharges from Hospital.		Totals	General Hospitals.		Infectious Diseases Cases.		Maternity Cases.		Accidents at Home.				Road Accidents.		Accidents at Sports Meetings.		Industrial Accidents.		Hospital Transfers.		Totals.	Stretcher Cases.	Sitting Cases.		
	S.	C.	S.	C.			S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.	S.	C.				S.	C.	S.	C.	S.	C.	S.	C.	S.	C.			
												S.		C.		S.		C.		S.		C.		S.		C.		S.		C.		S.				C.		S.		C.		S.		C.				
1. East Tyneside	8	2	28	5	2	28	8281				612	471	7	3	5	12	149	269	2473	20570	318	1268	3564	22293	1031	82	18	6	660	183	100	50	215	86	19	8	138	86	215	78	2396	579	5960	23172	10422 1/2	—	158330	
2. West Tyneside	10	2	10	1	1	10	3773				342	372	2	1	5	12	80	221	832	13757	250	1628	1506	16012	242	57	2	—	18	60	—	—	21	15	2	2	4	8	17	5	312	147	1818	16159	6508	657	104084	
3. Stanley	2	2	2	1	1	2	6653				553	397	4	—	5	12	148	337	961	13173	261	2269	1932	16188	1945	303	6	—	1	411	317	5	—	143	80	4	—	10	4	54	7	2578	712	4510	16900	11204	585	172532
4. Consett	6	1	12	5	1	12	3860				395	223	1	—	14	60	232	392	1270	13555	397	2833	2309	17063	311	31	—	—	25	38	7	5	29	7	4	—	2	2	20	2	398	86	2707	17149	8906	—	122557	
5. North-Eastern	4	1	8	—	—	8	2352				234	182	3	—	—	—	33	116	568	8952	177	835	1015	10087	288	41	2	—	19	26	5	8	22	12	—	—	11	7	6	1	275	97	1290	10184	5112	—	74636	
6. Houghton	5	1	24	4	1	24	5820				523	315	1	—	—	—	110	78	679	15178	311	2115	1624	17687	1642	148	6	—	1	357	323	45	28	122	72	13	5	18	10	48	8	2251	595	3875	18282	9922 1/2	—	151893
7. Seaham	4	1	8	3	1	8	2607				226	192	—	—	1	5	102	151	580	11858	126	1364	1035	13571	301	78	3	—	27	70	27	7	27	8	1	—	5	4	18	1	409	169	1444	13740	4971	—	85970	
8. Easington	10	1	32	6	2	31	6934				519	467	8	5	—	—	137	235	1056	22548	269	3346	1989	26601	1500	265	15	—	5	311	376	10	13	118	81	16	4	16	—	61	12	2047	756	4036	27357	13958	1359	262898
9. Hartlepool	1	1	5	1	—	5	1951				239	122	—	—	—	—	53	48	361	3734	290	2020	943	5925	135	15	—	—	25	127	52	11	33	34	17	6	17	16	36	14	325	223	1268	6148	2070 1/2	—	31849	
9a. West Hartlepool	5	—	—	—	—	—	113				232	216	1	—	—	—	203	122	574	9591	82	1987	1092	11917	136	29	—	—	6	58	7	1	21	19	2	—	1	—	17	7	189	114	1281	12031	5031	—	86391	
10. Sedgefield	5	1	10	4	1	10	4210				1625	631	146	143	—	—	464	244	1672	16114	680	4308	4587	21441	1319	182	74	21	412	272	273	215	247	135	290	154	147	95	114	22	2876	1096	7463	22537	9668	1484	202442	
11. Stockton	9	2	34	8	1	30	9730				1214	80	—	—	—	—	21	10	74	749	22	123	198	927	—	—	—	—	9	14	4	3	51	8	—	—	18	3	—	—	82	28	280	955	926	—	13147	
12. Darlington	1	—	—	—	—	—	1185				76	132	—	—	—	—	16	38	227	4150	61	390	380	4710	137	10	—	—	8	11	29	5	24	5	3	—	—	—	229	31	669	4741	4289	—	67706			
13. Burnard Castle	2	—	4	—	—	4	8134				735	623	15	12	12	90	363	240	1534	13732	704	3728	3363	18425	1735	164	1	—	251	699	32	14	143	107	35	12	45	18	57	18	2299	1032	5662	19457	11841	1047	211435	
14. Bishop Auckland	8	2	30	8	—	30	8134				403	313	53	7	—	—	116	277	996	13939	182	1280	1750	15817	354	42	60	8	24	31	8	8	43	35	1	11	1	8	5	509	130	2259	19447	6139	405	102887		
15. Chester-le-Street	6	1	12	5	—	12	5098				448	520	5	5	1	2	504	714	2052	22655	571	4689	3581	28385	2175	258	26	6	307	355	39	30	231	148	62	20	25	10	116	14	2981	850	5662	29435	16383 1/2	815	282056	
16. Durham	13	2	40	9	4	40	14299				317	379	1	1	5	41	132	198	489	10036	218	1742	1162	12397	248	32	—	—	28	62	14	5	24	18	5	2	6	5	9	2	334	126	1496	12323	9047	—	147586	
17. Western	6	1	10	5	1	10	3154																																									
TOTALS	100	20	293	80	16	290	89368				7559	5660	248	180	43	260	2863	3690	16401	214301	4922	35936	32036	259967	13442	1741	214	51	2928	3031	659	405	1536	873	477	223	513	209	803	196	20572	6789	52608	266756	136494	6352	2284635	

† Includes 2 cars. \* County ambulance reinforced as necessary by adjoining County Borough Service. † Darlington County Borough Council provides service as required.  
"S" Stretcher cases conveyed by ambulances. "C" Sitting cases conveyed by ambulances and cars.  
.. Inclusive of depot superintendents, senior drivers and driver-attendants.



Year	No. of Journeys	OUT-PATIENTS ONLY			GENERAL SERVICE†			EMERGENCY SERVICE			TOTALS ALL CASES				Men	
		Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total	Stretcher cases	Sitting cases	Total	Total Mileage		Ambulances
*1948	22,989	3,280	17,846	21,126	15,259	23,762	39,021	1,277	—	1,277	16,536	23,762	40,298	552,486	72	118
1949	61,906	7,395	63,463	70,858	29,609	84,995	114,604	2,321	1,428	3,749	31,930	86,423	118,353	1,501,047	92	248
1950	79,896	10,635	89,624	100,259	34,032	120,982	155,014	2,269	2,008	4,277	36,301	122,990	159,291	1,979,681	86	268
†1951	86,429	13,697	128,320	142,017	34,833	163,807	198,640	5,737	5,635	11,372	40,570	169,442	210,012	2,129,585	99	270
†1952	90,243	19,587	199,937	219,524	35,954	239,672	275,626	11,044	6,778	17,822	46,998	246,450	293,448	2,268,166	93	271
1953	92,329	18,527	197,915	216,442	34,374	240,721	275,095	12,322	7,373	19,695	46,696	248,094	294,790	2,286,856	91	272
1954	93,135	19,267	196,621	215,888	35,221	241,757	276,978	14,357	7,277	21,634	49,578	249,034	298,612	2,253,087	100	281
1955	90,796	18,220	208,783	227,003	33,559	254,652	288,211	15,424	7,553	22,977	48,983	262,205	311,188	2,303,313	97	272
1956	89,380	18,584	203,795	222,379	34,405	248,310	282,715	16,640	7,319	23,959	51,045	255,629	306,674	2,259,284	98	283
1957	91,504	17,691	203,104	220,795	34,781	249,720	284,501	18,071	7,480	25,551	52,852	257,200	310,052	2,269,711	91	277
1958	89,853	17,926	200,533	218,459	34,696	247,873	282,569	17,915	6,923	24,838	52,611	254,796	307,407	2,257,907	94	290
1959	86,380	15,996	199,211	215,207	31,788	244,302	276,090	18,657	6,596	25,253	50,445	250,898	301,343	2,212,705	86	289
1960	89,368	16,401	214,301	230,702	32,036	259,967	292,003	20,572	6,789	27,361	52,608	266,756	319,364	2,284,635	80	290

\* Half year only.

† Part of the increase in the figures recording the patients carried is due to the revised method of annual costing laid down by the Ministry of Health in Circular 25/51, which became operative on 1st August, 1951.

‡ Includes figures shown under "OUT-PATIENTS ONLY".



Dr. Martischnig goes on, "It would appear that any complacency as far as tuberculosis is concerned is not yet justifiable, and no slackening of effort or discontinuation of the tuberculosis services as carried out now should be contemplated for a considerable time to come."

Dr. J. D. Trail reports from Chester-le-Street chest clinic.—

"Despite the fact that the number of new cases has again decreased, the number of attendances at the Chest Clinic has been well maintained, which seems to indicate the public are still making full use of the Chest Clinic and continue to be health minded. It is still true to say the Chest Physician is seeing a wider variety of chest diseases than in the past, and in the years to come even a greater emphasis will be laid on the preventive measures against tuberculosis."

*Contacts.*—The chest physicians report that the percentage of contacts to known cases examined continues to increase. The following information has been supplied by them.—

*Sunderland* (Dr. A. B. White).

"385 contacts from 81 new cases of tuberculosis were examined. This gives an average of 4.75 contacts per case as compared with 4.33 per case in 1959, 3.3 per case in 1958, 3.5 per case in 1957, 3.0 per case in 1956, 2.6 per case in 1955 and 2.35 per case in 1954. Four cases of active pulmonary tuberculosis were found as a result of contact examination. 235 contacts were tuberculin tested and 208 found to be negative. Of these, 203 were vaccinated with B.C.G., whilst in 14 cases the parents refused vaccination."

*Bishop Auckland* (Dr. W. Clark).

"Contact clinic is run as in previous years and during 1960 there were 153 new contacts in attendance, relative to 44 new cases of tuberculosis notified i.e.—3.5 contacts per new case. 67 contacts were given B.C.G. vaccination during the year. All known cases of tuberculosis on the clinic register were given the opportunity to attend the clinic at least once during the year for review, and the majority of such people took advantage of this opportunity."

*Stanley and Consett* (Dr. F. O. Potter).

	Stanley	Consett
No. of notified cases in 1960	31	28
No. of contacts of these cases examined	81	87

(Four of the contacts in the Stanley area and one in the Consett area proved to have tuberculosis).

*Employment.*—There is continued co-operation between the Ministry of Labour, chest physicians, medical officers of health, and employers. The following extracts are taken from the reports of the chest physicians.

*Bishop Auckland* (Dr. W. Clark).

"Close link is kept with the District Rehabilitation Officer of the Ministry of Labour locally, and cases thought suitable are found employment in local industry and are also provided with training to prepare them for suitable employment. Practically all these cases are sputum negative and in the odd instance where a person with positive sputum is in employment all precautions are advised, re use of utensils etc., and avoidance of canteens by the person concerned."



*Chester-le-Street* (Dr. J. D. Trail).

"The X-ray facilities at the General Hospital, together with the regular visits by the M.M.R. Unit to the general public and local industries, would appear to give adequate cover from the X-ray standpoint. The N.C.B. also provides X-ray facilities for all mineworkers, and close collaboration exists between the Chest Clinic and the Pneumoconiosis Medical Board in reference of cases of this condition, especially in those of suspected super-added tubercle."

Arrangements continue for the admission of patients to Preston Hall Colony, Papworth Village and Enham-Alamein Settlements.

These cases are admitted on the recommendation of the chest physicians and with the approval of the medical superintendents.

On the 31st December, three patients for whom the County Council accepted liability were in village settlements, there having been one admission and one discharge during the year.

*Notification.*—During the year there were three posthumous notifications and 26 cases died without ever being notified. Contacts of all these cases are followed up in the usual way.

*Ascertainment Schemes for Early Cases among Children and Others.*—Advantage is taken of all the facilities available for routine examinations and the chest physicians report good co-operation with the paediatric services.

The following extract is taken from the report of Dr. F. O. Potter (Stanley and Consett chest clinics).—

"Cases are referred from ante-natal clinics, maternity and child welfare clinics and school clinics. General Practitioners in medical charge of Children's Homes are encouraged to send new admissions for routine examination.

Regarding expectant mothers, the policy is now to tuberculin test these and X-ray only those who are positive on large films. Figures for 1960 were.—

792 — Total Attendances.

544 — Proved positive and were X-rayed.

Two cases of active pulmonary tuberculosis were found."

*Special Case Finding Surveys.*—Continued use is made of the mass miniature radiography service which makes routine visits to most areas of the county twice yearly. In addition, special visits are made to schools, works and factories, if considered necessary.

*B.C.G. Vaccination.*—Routine vaccination is carried out by the chest physicians at the chest clinics and during the year 2,158 contacts were skin tested and 1,246 vaccinated.

Tuberculin testing and vaccination of schoolchildren aged 13 years and upwards was undertaken in 25 sanitary districts by the assistant county medical officers. During the year 13,382 schoolchildren were skin tested and 9,717 received vaccination.



453 students attending further education establishments were skin tested and 212 were vaccinated.

The children concerned have been vaccinated with British freeze-dried B.C.G. vaccine, which as it keeps for up to 12 months from the date of preparation, has made for easier administration.

*Extra Nourishment.*—Liquid milk is no longer supplied to tuberculous patients as they can apply to the National Assistance Board for a grant to cover milk costs.

*Beds and Bedding.*—These articles are loaned free of charge to tuberculous patients, if the household circumstances justify assistance. Recommendations are accepted from chest physicians, health visitors, district nurses or other reliable sources.

*Nursing Equipment.*—A central store of appliances is maintained in the Health Department and local stores of smaller articles of equipment at Stockton and Hartlepool. Issues are made on the recommendation of a doctor, health visitor, district nurse or almoner. District nurses are notified of all patients in their districts who have equipment on loan and they maintain a general supervision, notifying the Health Department when the equipment is no longer required.

Liaison with almoners of the hospitals receiving patients from the administrative county is maintained. Special attention is given to paraplegics and no charge is made for equipment supplied for the use of these cases.

Table 26 gives a summary of provision made during 1960.

*Occupational Therapy.*—No occupational therapist is directly employed but the services of the welfare worker appointed in connection with the scheme for the welfare of handicapped persons were available during the year. Use was made whenever possible of help which could be obtained from the National Assistance Board, Ministry of Pensions and voluntary agencies such as care committees and the British Red Cross.

*Venereal Diseases.*—As the part-time social worker retired on the 31st May, and efforts to obtain a successor were still unsuccessful at the end of the year, the following up of contacts and patients under treatment at the venereal diseases treatment centres serving the administrative county was limited to the early part of the year.

*Health Education.*—Exhibition stands on loan from the Central Council for Health Education, showing the following topics, were displayed at child welfare centres in the county at various times.—

Foot Infections	The work of the Health Visitor
Milk	The work of the Public Health Inspector
Vaccination	

During the year 33 films covering a wide range of relevant subjects were displayed to audiences totalling 444 in many parts of the county. Groups to whom shows were given were mothers' clubs, student health visitors, women's institutes and professional and business women's clubs.

A film strip projector has been used to display suitable propaganda material to audiences at welfare centres.



TABLE 26.  
PREVENTION OF ILLNESS, CARE AND AFTER CARE.  
Summary of provision made during 1960.

DISTRICTS	Air Cushions	Bath Rails	Bathmats (Sorbo)	Bath Seats	Bedpans	Bedsteads	Bed Cradles	Bed Packs (sets)	Bed-Tables	Bedrests	Commodore	Cots (adult)	Crutches (pairs)	Cushions (Dunlopillo)	Elastic Hoists	Electric Pads	Enuresis Sets	Feeding Cups	Fracture Boards (sets)	Invalid Chairs										Kidney Bowls	Leg Rests	Mattress (Dunlopillo)	Mattress (Hair)	Pillows	Pillows (Dunlopillo)	Pulley Attachment	Rubber-sheeting	Rubber Toilet Seats	Rubber Urinals	Sandbags	Spinal Carriages	Sputum Mugs	Urine Bottles	Walking Sticks	Walking Sticks (Tripod)				
																				Amesbury	Junior Push	Push	Reclining	Rim-driven	Stairway																								
1. Blaydon U.D. ... Ryton U.D. ... Whickham U.D. ...	36	—	—	—	45	2	9	—	—	49	17	1	1	2	—	—	—	—	—	—	—	6	15	—	1	1	—	1	9	1	4	—	2	52	—	—	—	—	—	—	—	—	—	25	—	—			
2. Jarrow M.B. ... Felling U.D. ... Hebburn U.D. ...	77	—	—	—	104	3	12	—	2	67	20	1	1	11	—	—	—	—	5	—	4	34	—	2	—	—	1	22	1	—	1	1	86	—	—	—	—	—	—	—	—	—	33	5	6				
3. Consett U.D. ... Stanley U.D. ... Lanchester R.D. ...	31	—	—	—	48	5	16	—	—	53	19	1	4	24	—	—	—	1	—	—	10	23	—	1	—	—	5	11	—	—	1	4	59	—	1	—	—	—	—	—	—	—	25	2	—				
4. Chester-le-Street U.D. ... Chester-le-Street R.D. ...	31	—	—	—	55	4	9	—	—	65	31	1	2	18	—	1	—	—	1	—	10	20	—	3	—	—	1	26	—	—	2	—	64	—	—	—	—	—	—	—	—	33	2	5					
5. Boldon U.D. ... Hetton U.D. ... Houghton-le-Spring U.D. ... Washington U.D. ... Sunderland R.D. ...	44	—	1	1	74	8	11	1	—	47	25	5	3	12	—	—	2	—	—	—	8	23	—	9	—	—	—	17	—	2	3	5	80	3	—	—	—	—	—	—	—	—	43	2	2				
6. Crook & Willington U.D. ... Tow Law U.D. ... Weardale R.D. ...	13	—	—	1	30	1	6	1	4	22	13	1	1	17	—	—	—	1	2	—	3	8	—	—	—	—	—	5	—	—	6	2	19	—	—	—	—	—	—	—	—	—	4	—	4				
7. Durham M.B. ... Brandon & Byshottles U.D. ... Durham R.D. ...	34	1	1	—	79	7	22	—	2	55	18	1	3	13	—	—	1	9	—	—	3	26	—	3	1	1	—	18	2	—	2	1	64	—	—	—	—	—	—	—	—	—	38	2	1				
8. Seaham U.D. ... Easington R.D. ...	41	—	—	2	116	6	28	—	—	70	55	1	5	77	—	—	1	1	4	—	—	7	19	—	4	—	—	3	34	—	—	2	3	104	1	—	—	—	—	—	—	—	2	—	45	3	20		
9. Bernard Castle U.D. ... Bernard Castle R.D. ...	10	—	—	—	14	—	4	—	—	15	—	1	2	1	—	—	—	—	—	—	—	3	5	—	1	—	—	1	17	—	—	—	—	26	—	—	10	—	—	—	—	—	1	5	—	7			
10. Bishop Auckland ... Shildon U.D. ... Spennymoor U.D. ...	5	2	1	1	27	1	4	1	1	16	8	2	1	4	—	—	—	—	1	—	12	18	—	3	—	—	—	7	—	—	—	—	3	19	—	—	—	—	—	—	—	—	—	2	—	8	2	7	
11. Hartlepool M.B. ... Billingham U.D. ... Darlington R.D. ... Sedgefield R.D. ... Stockton R.D. ...	28	—	—	—	43	3	7	—	3	39	17	—	2	10	—	—	13	—	5	1	12	47	—	6	—	—	2	16	—	—	—	—	—	36	1	—	—	—	—	—	—	—	—	—	28	2	12		
12. Stockton M.B. ...	13	—	—	—	13	1	5	—	—	7	10	—	3	—	1	—	—	—	—	—	2	22	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	4
Administrative County	363	3	3	5	648	41	133	3	12	505	233	15	28	189	1	1	17	12	18	1	80	260	1	33	2	2	14	183	4	6	17	22	616	6	1	10	10	1	288	20	68								





Posters have been displayed during the year calling the attention of the public to a large variety of subjects, including the following.—

Smoking and Lung Cancer ; Poliomyelitis ; Diphtheria ; B.C.G. Vaccination ; Mass Radiography ; Food Hygiene.

*Convalescent Homes.*—During the year arrangements were made, on medical recommendation, for the admission of 20 county patients to convalescent homes for recuperative holidays as follows.—

The Convalescent Home, Silloth .. ..	1	Rose Joicey Home, Whitburn .. ..	17
Procter Memorial Home, Shotley Bridge ..	1	W.V.S. Home, Elmleigh, Northants	1

In 15 instances the County Council was responsible for the full maintenance charges and in the remaining five contributions were required from the patients or their families. Children accompanied their mothers in some instances on these holidays.

Fifteen other patients, after arrangements were made, cancelled their applications for various reasons.

*Survey of Leukaemia in Adults.*—The assistant county medical officers continued to undertake the work of interviewing cases and controls and completing the survey forms.

*The Elderly Sick and Infirm.*—Nursing equipment for the sickroom is available for the elderly sick and infirm and, in particular, extensive use is made, mostly during the summer months, of a large stock of indoor and outdoor invalid chairs.

The provision of essential laundering for certain elderly people who have been discharged from hospital or who, but for such provision, would require institutional care, has been continued, and the "meals on wheels" service to such people has been extended, in conjunction with some voluntary and statutory bodies.

#### DOMESTIC HELP SERVICE.

The basic principle of the home help service is that of providing help in homes where there is physical and mental illness and difficult social conditions. Because of longevity, and with the accent on community as opposed to institutional care, the demand for the service not only continued but increased during the year. A waiting list was thus maintained, priority being given to cases where the need was greatest. Acute illness and maternity cases constituted only a small proportion of those provided with domestic assistance, 90% of the service being granted to the chronic sick including the elderly and infirm. Special cases where the mother became so overwhelmed by one cause or another that the home and its care was too much for her were few in comparison but occupied much time and attention. Eleven such families were helped and three of these remained at the end of the year.

The home helps are a body of practical social workers who, without specific training, and besides cleaning and cooking, comfort, counsel and care for the people they serve.

*Organisation.*—The county is divided into 15 areas, each supervised by an assistant organiser who engages and places home helps as well as investigating applications in her area. 3,024 such investigations were made during the year. Applications are received from the general public, medical and nursing personnel, and officers of statutory and voluntary bodies. Regular visitation of households is carried out by the assistant organisers to ensure the most satisfactory use of the service under changing conditions.

*Charges and Remuneration.*—The fee for the service is 4/3d. per hour but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

Home helps are paid at the rate of 3/3d. per hour, an additional payment of 2d. per hour being made for attendance on cases of infectious disease.

The following is a summary of the work accomplished.—

Number of cases provided with home help during the year.—

Maternity (including expectant mothers) ..	103
Tuberculosis .. .. .	32
Chronic Sick (including aged and infirm) ..	4,855
Others .. .. .	377
Total .. .. .	<u>5,367</u>

In addition to the above the following cases ceased and recommenced later in the year.—

Tuberculosis .. .. .	3
Chronic Sick (including aged and infirm) ..	474
Others .. .. .	7
Total .. .. .	<u>484</u>

Number of cases attended 1st January ..	3,959
New cases during year .. .. .	1,892
Cases terminated .. .. .	1,863
Cases attended on 31st December .. .. .	3,988
Number of cases on waiting list on 31st December .. .. .	432
Applications withdrawn or refused .. .. .	700

The assistant organisers made visits as under.—

Preliminary visits to applicants .. .. .	3,055
Routine visits to applicants .. .. .	57,190
Enquiries regarding home helps .. .. .	1,436
Visits to home helps .. .. .	8,539
Other visits .. .. .	2,584
Total .. .. .	<u>72,804</u>

No. of domestic helps employed at end of year.—

(a) Whole-time .. .. .	Nil
(b) Part-time .. .. .	2,097



## MENTAL HEALTH SERVICE.

The Mental Health Act, 1959, which has been implemented gradually, became fully operative in November. The underlying principles seek to ensure that.—

(a) Medical and social services are available to mentally disordered in a similar form and to the same extent as those provided for patients who are physically ill or disabled.

(b) Methods for compulsory admission of mentally disordered to hospitals for observation and treatment should be used only when absolutely essential, the large majority being admitted informally if hospital admission is necessary.

(c) An expansion of local health authority services in order to provide for the "mentally disordered" (mental defectives and mentally ill) facilities which would, so far as possible, enable them to lead an independent and useful life in the community.

It was needful, therefore, to reassess the needs in the mental health field, reorientate the service where necessary and plan for future developments. This was done, and the proposals outlined in last year's annual report regarding the form in which the county's mental health service would develop were submitted to, and approved by, the Minister of Health during the year. In accordance with these proposals, the following activities have been carried out and progress made.—

1. *Education.* Talks have been given by specialists, the County Medical Officer and his Deputy, to members of the health department staff, general medical practitioners, women's organisations and various other groups in the community.

Meetings were also arranged with local branches of Parents' Societies for Mentally Handicapped Children to discuss future plans and the problems associated with the mentally subnormal children. A scheme was introduced to ensure that advice and guidance was given immediately by a qualified social worker to parents whose children were found to be unsuitable for education at school.

2. *Staff.* Two additional mental welfare officers and a qualified social worker to work in the mental health field were appointed during the year, and four of the original staff attended a residential refresher course run by the National Association for Mental Health in conjunction with the Department of Adult and Extra-mural Studies, University of Leeds. Three members of the junior training centre staff completed their in-service course and obtained the Diploma of the National Association for Mental Health, while three members of the staff, who had been appointed as trainees, were selected for the full-time diploma course, which they commenced in September. This is, of course, in line with an attempt to fill most vacancies with trainees who, after a year's experience in the junior training centres, are sent on a full-time diploma course.

3. *Training Centres.* Plans to ensure that, ultimately, all suitable mentally subnormal children and adults will have places at training centres have progressed according to schedule. The construction of an additional classroom at the Hebburn junior training centre was commenced during the year, and plans for an additional classroom, assembly hall and an extended playing area at the Bishop Auckland junior training centre were agreed upon. This work should commence during 1961.



Work on the conversion of the "Cottage Homes" at Lanchester for use as a training centre for mentally subnormal male adults was also started during the year, and it is hoped that this will be in operation by September, 1961. The plans for a junior and senior training centre for 45 children and 60 adults in Durham City have been approved, and it is also hoped to add a special care unit for physically handicapped mentally subnormal children to this building. Work on the Easington junior and adult training centre was completed by the end of the year ready for opening at the beginning of 1961. In addition, it has been found possible to obtain additional places for some children at centres in neighbouring Local Health Authority areas.

4. Medical, dental and meals services to all centres have been in operation for some time, and it has also been found possible to extend the transport arrangements to ensure that all those attending the centres who require special transport were provided with it.

5. *Co-operation with Regional Hospital Board, Hospital Management Committee, and Hospital Staff.* While the Regional Hospital Board have not found it possible to agree to psychiatrists in the various parts of the administrative county having a portion of their time allocated to the Local Health Authority to assist in an advisory capacity, to the equivalent of one whole-time psychiatrist for the whole of the county area, they have agreed to the various psychiatrists carrying out these duties in a voluntary capacity and during their ordinary working hours. Very successful meetings and discussions have taken place with the hospital staff and representatives of the management committees of mental hospitals, with the result that there is now an increasing liaison and co-operation which allows co-ordination and development of the community mental health services. This progress, while of a uniform pattern throughout the county, is naturally not developing at the same speed in all areas, mainly due to the fact that the mentally ill are seen by the staff of four separate mental hospitals and two hospitals for mentally subnormal. In the area where there is the greatest development, the mental welfare officer attends the hospital for case conferences, visits the out-patient clinic and has a substantial case load for after-care visiting.

#### ADMINISTRATION.

(a) The Mental Health Sub-Committee of the County Health Committee is responsible for the administration of the Mental Health Service. The Deputy County Medical Officer on behalf of the County Medical Officer controls its day to day administration.

#### (b) Staff.—

Mental Welfare Officers	..	..	..	9
Supervisors, training centres	..	..	..	6
Assistant Supervisors, training centres	..	..	..	9
Trainee Assistant Supervisors, training centres	..	..	..	5
Teachers of the Mentally Handicapped in their own homes	..	..	..	1
Social Worker	..	..	..	1

Two assistant county medical officers who are also district medical officers of health assist with the examination of the mentally subnormal, although more and more cases are being referred to the hospital out-patient clinics for assessment.

(c) There are no arrangements for joint use of the services of officers of the Regional Hospital Board or hospital management committees although patients on trial from mental hospitals or on licence from institutions for mentally subnormal were supervised by the hospital concerned. There has been excellent co-operation with the hospital consultants.

#### ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY.

##### 1. *In relation to Mentally Subnormal Persons.*

(a) *Ascertainment.*—Cases are notified by school medical officers, child welfare medical officers, private practitioners, hospital staffs, health visitors and social workers. As already stated greater use was made of the hospital out-patient facilities for the diagnosis of mental subnormality, and consultants' advice on prognosis, disposal of the case and aptitude for training was always readily given. A scheme was put into operation for routine testing of all infants born in the county in an attempt to detect at the earliest possible occasion cases of phenylketonuria, who might otherwise without treatment become mentally retarded.

(b) Under the provisions of the Education Act, 1944, the Local Education Authority notified during the year to the Local Health Authority the following.—

	M.	F.	Total
Under Section 57 (3)—Children considered unsuitable for education within the school system	30	33	63
Under Section 57 (5)—Children who require (until November 1960) further supervision after leaving school	14	17	31

(c) *Examinations by Medical Officers.*—The number of examinations made by the medical officers for the purpose of certification or classification is shown in the following table.—

<i>Examinations.</i>	<i>Not</i>		<i>Total</i>
	<i>Certifiable</i>	<i>Certifiable</i>	
Domiciliary .. .. .	5	—	5
In hospitals .. .. .	1	—	1
In H.M. Prison, Durham .. .. .	12	—	12
Totals .. .. .	18	—	18

(d) On the 31st December there were 3,383 mentally subnormal persons on the register, giving an ascertainment figure of 3.56 per 1,000 population in the administrative county area.

<i>Distribution of cases.</i> —	Under care	..	..	2,225
	In hospitals	..	..	1,158
	Total	..	..	<u>3,383</u>

During the year 126 cases were added to the register, compared with 134 last year.



(e) *Supervision.*—The supervision of mentally subnormal persons, except those on licence from institutions, is carried out by health visitors, who made 7,093 visits to 2,033 persons during the year. Of the mentally subnormal known to this Authority, 25 have given birth to children during this period, seven while unmarried. Ten persons have married.

(f) *Guardianship.*—The number of cases under guardianship at the end of the year was three, and two of these were visited at regular intervals by a medical officer and the health visitors. The remaining patient resides in another county and is visited by officers of that authority.

(g) *Home Teaching.*—There is one home teacher. As there is at present no training centre in Durham City district, classes for group instruction continued in the City and at Coxhoe, the remainder of the teacher's time being spent visiting the homes of mentally handicapped in her area, giving home training to them and advising parents and relatives.

(h) *Junior Training Centres for Mentally Subnormal Persons.*—The number of pupils receiving training at the junior training centres on the 31st December, was as follows.—

<i>Centre</i>	<i>No. of Pupils</i>	<i>Centre</i>	<i>No. of pupils</i>
Bishop Auckland .. ..	32	Darlington C.B. Centre	2
Consett .. ..	30	Gateshead C.B. Centre	3
Hebburn .. ..	33	South Shields C.B. Centre	1
Newbottle .. ..	39	West Hartlepool C.B.	
Stockton .. ..	38	Centre .. ..	2
		Total —	180

In addition four children attended as day pupils at Prudhoe and Monkton Hospital and seven at Earl's House Hospital.

Transport to the centres, mid-morning milk and mid-day meals are provided at each centre, while routine regular dental and medical examinations are carried out on all pupils.

(i) *Hospital Admissions.*—During the period 1st January to 31st October, 18 patients were admitted to hospitals under Order and 35 were admitted informally under the provisions of Circular H.M. (58) 5. During the whole year 61 patients were admitted to hospitals for short-term care in accordance with the terms of Circular 5/52 of the Ministry of Health, while three cases were admitted to hospital as a "Place of Safety" under Section 15(1) of the Mental Deficiency Act, 1913.

## 2. *In relation to Mentally Ill Persons.*

During the period 1st January to 31st October, the mental welfare officers, at the request of the medical practitioners or the police, investigated cases under the Lunacy and Mental Treatment Acts. In the following cases admission to a mental hospital was arranged.—

Fifty-three cases investigated under the Lunacy Acts were not removed. There were 180 informal admission to hospitals under the provisions of Circular H.M. (59) 92.

*Lunacy Act, 1890.—*

Section 11 — Urgency Order .. .. .	38
„ 16 — Certified patients .. .. .	81
„ 20 — 3-day Orders .. .. .	302
„ 21(1) — 14-day Orders .. .. .	3

*Mental Treatment Act, 1930.—*

Section 1 — Voluntary patients .. .. .	3
„ 5 — Temporary patients .. .. .	2

*Magistrates Court Act, 1952.—*

Section 30 .. .. .	4
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During the period 1st November to 31st December, admissions under the Mental Health Act, 1959, were made as follows.—

	<i>Mentally Subnormal</i>	<i>Mentally Ill</i>	<i>Total</i>
Section 25 — Admission for Observation .. .. .	—	13	13
„ 26 — Admission for Treatment .. .. .	2	13	15
„ 29 — Emergency Admission .. .. .	2	43	45
„ 72 — Persons serving prison sentences .. .. .	1	—	1
Informal Admissions .. .. .	5	62	67
Not removed .. .. .	—	8	8

The social worker visited cases and gave advice and support to patients and relatives.



## AREA HEALTH SUB-COMMITTEES.

Table 27 shows the number of meetings held by the area health sub-committees during the year in accordance with the scheme adopted by the County Council in 1948.

TABLE 27.

<i>No. of Area.</i>	<i>Names of County Districts comprised in the area.</i>	<i>Assistant County Medical Officer.</i>	<i>Number of members.</i>	<i>Meetings held.</i>
1	Blaydon U.D. .. .. Ryton U.D. .. .. Whickham U.D. .. ..	<i>Vacant</i>	20	4
2	Jarrow Borough .. .. Felling U.D. .. .. Hebburn U.D. .. ..	T. C. Falconer, M.B., Ch.B., D.P.H.	21	4
3	Consett U.D. .. .. Stanley U.D. .. .. Lanchester R.D. .. ..	R. Hill, M.B., B.Ch., D.P.H.	21	5
4	Chester-le-Street U.D. .. .. Chester-le-Street R.D. .. ..	J. L. Siddle, M.B., B.S., D.P.H.	16	4
5	Boldon U.D. .. .. Hetton U.D. .. .. Houghton-le-Spring U.D. .. .. Washington U.D. .. .. Sunderland R.D. .. ..	R. C. F. Smith, M.D., D.P.H.	25	4
6	Crook & Willington U.D. .. .. Tow Law U.D. .. .. Weardale R.D. .. ..	G. A. Macgregor, M.D., D.P.H.	18	4
7	Durham Borough .. .. Brandon U.D. .. .. Durham R.D. .. ..	R. G. Drummond, M.B., Ch.B., D.P.H.	20	4
8	Seaham U.D. .. .. Easington R.D. .. ..	J. W. A. Rodgers, M.B., B.Ch., D.P.H.	18	8
9	Barnard Castle U.D. .. .. Barnard Castle R.D. .. ..	J. G. Paley, M.R.C.S., L.R.C.P., D.P.H.	15	4
10	Bishop Auckland U.D. .. .. Shildon U.D. .. .. Spennymoor U.D. .. ..	J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H.	20	4
11	Hartlepool Borough .. .. Billingham U.D. .. .. Darlington R.D. .. .. Sedgefield R.D. .. .. Stockton R.D. .. ..	M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H.	28	5
12	Stockton Borough .. ..	*H. J. Peters, M.B., B.Hy., D.P.H., D.P.A.	14	9

\* Area Medical Officer.

NATIONAL ASSISTANCE ACT, 1948.  
WELFARE OF THE AGED AND HOMELESS.

*Residential Accommodation.*—At the end of the year 996 persons were being provided with accommodation, an increase of 22 on the number in residence at the end of the previous year.

The number of cases on the waiting list at the 31st December was 275 compared with 258 in 1959.

*New Hostel.*—A new hostel, Mendip House, West Lane, Chester-le-Street, was officially opened on the 29th March, the first residents having been admitted on the 19th January.

The size of the site rendered it necessary to depart from the County Council's practice of providing ground floor accommodation for all residents. The hostel provides accommodation for 38 residents (17 men and 21 women), with 18 beds on the ground floor and 20 on the first floor.

*Additional Hostels.*—New hostels are in course of erection at East Boldon and Easington Village.

The following statement shows the distribution of residents at the end of the year.—



## (1) Residential Accommodation.—

	Home	Residential Accommodation		Hospital Patients	
		Beds Provided	Beds Occupied		
<i>In Homes controlled by the Welfare Sub-Com- mittee.</i>	Cambridge House, Barnard Castle	85	83	49	
	Heath House, Houghton-le- Spring	126	118		
	Ivy House, Sedgefield	76	72		
	Seaton Holme, Easington	35	34		
	Weardale House, Stanhope	59	58		
	Newtown House, Stanhope	30	28		
	The Hermitage, Whickham	18	18		
	Parkside, Billingham	38	36		
	Winton, Winlaton	38	37		
	Grove Park, Barnard Castle	22	21		
	Owton Fens, Greatham	21	21		
	Holmfield, Crook	30	30		
	St. Bede's, Jarrow	38	38		
	Glencliffe, Seaton Carew	39	37		
	Stanfield, Stanley	38	38		
	Palatine House, Durham	38	37		
	Glenroyd House, Consett	38	36		
	Mendip House, Chester-le-Street	38	37		
	<i>In Hospitals transferred to the Regional Hospital Board on 5th July, 1948</i>	Chester-le-Street	44	33	
		Durham	55	48	
		Lanchester	62	56	
	<i>In Homes controlled by.—</i>				
	(a) <i>Neighbouring County Borough Councils</i>	Darlington		7	
Gateshead			15		
South Shields			1		
Sunderland			1		
West Hartlepool			5		
(b) <i>Other Local Authorities</i>			4		
<i>In Special Homes</i>			47		
Totals		—	996	49	

(2) *Temporary Accommodation.*—

<i>In Homes controlled by the Welfare Sub-Com- mittee</i>	<i>Home Cottage Homes, Houghton-le- Spring.</i>	<i>Adults</i>	<i>Children</i>
		5	19

The number of employees in the 18 hostels directly controlled by the Health Committee was as follows.—

Superintendents	..	..	4
Matrons	..	..	14
Wardens	..	..	2
Other staff	..	..	248

## WELFARE OF THE BLIND AND PARTIALLY SIGHTED.

(a) *Register and Registration of Blind Persons.*—The number of blind persons on the County Council's register on the 31st December was 1840, 13 less than at the end of 1959.

TABLE 28.

*Blind Population according to Age and Sex.*

	1 & under	2- 4	5- 10	11- 15	16- 20	21- 29	30- 39	40- 49	50- 59	60- 64	65- 69	70- 79	80 & over	Total
..	—	4	12	10	18	22	54	82	104	70	75	191	183	825
..	1	4	8	5	5	11	41	59	104	67	111	294	305	1,015
total	1	8	20	15	23	33	95	141	208	137	186	485	488	1,840

During the year the names of 231 blind persons were added to the register including 27 blind persons transferred into the county from other areas. Following surgical treatment sight was restored to 13 persons previously registered as blind, two being re-classified as partially sighted, while eleven were certified neither blind nor partially sighted. During the period under review 231 blind persons died or left the county area.

The five part-time ophthalmologists appointed by the County Council, examined 383 cases referred to them while in addition 2 forms B.D.8 were submitted by other ophthalmologists. These 385 cases are classified as follows.—

*First examination.*—

No. certified blind	..	..	..	..	157
No. certified partially sighted	..	..	..	..	62
No. certified not blind	..	..	..	..	59

*Re-examinations.*—

No. certified blind (7 already certified)	..	..	..	..	54
No. certified partially sighted	..	..	..	..	30
No. certified not blind	..	..	..	..	23

No case of retrolental fibroplasia was reported during the year.



(b) *Register of Partially Sighted.*—The number of partially sighted cases on the register at the 31st December was 401, the sex and age classification being.—

	0-1	2-4	5-15	16-20	21-49	50-64	65 & over	Total
M.	—	2	23	7	25	17	81	155
F.	—	2	15	6	30	24	169	246
Total	—	4	38	13	55	41	250	401

The following table gives further information regarding the recommendations and action taken in relation to blind and partially sighted persons registered during the year.—

TABLE 29.

(1) Number of cases registered during the year in respect of which	Cause of Disability		
	Cataract	Glaucoma	Miscellaneous
(a) No treatment was recommended.—			
Blind .. .. .	25	14	106
Partially-Sighted .. .. .	3	1	24
(b) Treatment recommended.— (Medical, surgical or optical)			
Blind .. .. .	28	6	25
Partially-Sighted .. .. .	26	3	14
(2) Number of cases at (1)(b) above who later received treatment.—			
Blind .. .. .	7	3	21
Partially-Sighted .. .. .	9	3	4

Of the 20 cases of glaucoma included in the table above and certified blind, four had not received treatment for this condition prior to the completion of Form B.D.8.

In all cases of cataract, glaucoma or any other disability where the examining ophthalmologist makes a recommendation for treatment, a letter is addressed to the patient's private doctor informing him of the findings and the recommendations of the ophthalmologist. At the same time an offer is made for the case to be referred to the ophthalmology department of the nearest hospital, subsequent progress being notified to the medical practitioner as and when it becomes known to this department. In the majority of cases the medical practitioners avail themselves of this offer, and the arrangements have been found to work satisfactorily.

(c) *Employment.*—A consultative employment panel consisting of the Manager of the Workshops for the Blind, Group Disablement Resettlement Officer of the Ministry of Labour, Placement Officer of the Royal National Institute for Blind, Supervisor of the North Regional Association of Blind and the Deputy County Medical Officer met periodically throughout the year. Individual cases were considered and interviewed with a view to determining the most appropriate methods of rehabilitation.

training or resettlement. Between these meetings valuable and very ready assistance was given by the Supervisor of the North Regional Association of the Blind.

The following information relates to trained blind persons in employment at the end of the year.—

	<i>Institution Workers</i>	<i>Home Workers</i>
Royal Institution for the Blind, Sunderland ..	37	2
Cleveland & South Durham Institute for the Blind, Middlesbrough .. .. .	16	2
Hartlepool Workshops for the Blind, West Hartlepool .. .. .	3	—
National Library for the Blind, Braille Copyists	—	3
Catholic Blind Institute, Liverpool .. ..	1	—

On the 31st December the number of trained but unemployed blind persons was 10.

*High Myopia.*—It has been the practice for many years for the school health service to notify the Health Department of all school leavers suffering from high myopia who are not registered blind or partially sighted persons. These cases are followed up by health visitors to ensure that the children continue to wear suitable spectacles and obtain replacements where necessary. Advice and assistance is given regarding suitable employment.

(d) *Home Teaching Service.*—There were 17 home teachers for the blind in the county area of whom five were registered blind persons. They visit regularly, teach Braille or Moon type and act as general purpose social workers for all blind persons on the register. Each of the home teachers in the northern area and five in the southern area hold classes for teaching handicrafts.

(e) *Social Centres.*—Seven centres are established and operating in the county. Great interest was shown in the various activities by the blind persons, helpers and friends. The home teachers provide help and guidance at these centres when necessary.

(f) *Placement Service.*—By arrangement with the Royal National Institute for the Blind use was made of their placement officer in finding and placing suitable persons in open industry.

(g) *Holidays.*—The Health Committee provided a week's holiday at Scarborough for 14 deaf-blind persons, together with attendants. Detailed arrangements for this holiday were made by the North Regional Association for the Blind.

(h) *Homes for the Blind.*—At the end of the year there were 41 blind persons in homes for the blind, 36 being residents in Palatine House, Durham (the County Council's hostel for the blind) and five living in homes outside the county.



## WELFARE OF THE DEAF.

The County Council scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, operates throughout the county. Most of the work is carried out on an agency agreement by the Northumberland and Durham Mission to the Deaf and Dumb for the northern part of the county and the South Durham and North Yorkshire Association for the Deaf for the southern part of the county. Welfare Officers visit and look after the general welfare of registered persons. Seven hard of hearing clubs operate throughout the county to which the County Council make a grant for administration, maintenance charges and equipment. At the end of the year the number of deaf persons on the register was 841, classified as follows.—

	M.	F.	TOTAL
Under 16 years ..	73	76	149
16-64 years ..	307	226	533
65 years & over ..	88	71	159
Total ..	468	373	841

At the end of December, 86 school children (44 boys and 42 girls) were attending residential special schools for the deaf, outside the county area.

## WELFARE OF THE PHYSICALLY HANDICAPPED.

At the end of the year there were 471 males and 421 females on the register. This is an increase of 99 within the last year.

The full implementation of the County Council's scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, is still being hampered by the shortage of staff, the whole of the county being served by one social worker and one occupational therapist. The number of social clubs for the physically handicapped, sponsored by the Durham County Association for the Welfare of the Physically Handicapped was increased during the year by two, making a total of eleven. These clubs are invaluable as meeting places for the physically handicapped where they can take part in social, as well as handicraft, activities and where they can be met by the county social worker. Adaptations to houses to secure the greater comfort or convenience of the physically handicapped have been carried out on an increasing scale and where council houses are involved the work is done by the Local Housing Authority, the County Council making a fifty per cent contribution towards the cost. The Health Committee also agreed to contribute towards the cost of six purpose-built council houses for physically handicapped persons in the Consett area.

With the agreement of the Education Committee the Health Committee were able to sponsor a new project in the form of a Holiday Scheme at Wynyard Hall (Teachers Training College) for physically handicapped persons during the period 22nd July to 26th August. Fourteen handicapped persons had a holiday at Wynyard Hall for a one week period, and thirty-four for a two week period. The majority of these handicapped persons were conveyed to Wynyard Hall by ambulance, the remainder finding their own way in motor propelled tricycles or in privately owned cars. The British Red Cross Society carried out the day to day administration, provided the food and staff, and the venture was a great success.

For many of the patients it was their first holiday, and the British Red Cross staff are to be congratulated on their magnificent effort. Having proved that this type of project can be successfully carried out in the county, the Committee agreed that if at all possible, similar arrangements be made in subsequent years.

The occupational therapist visits handicapped persons in their own homes, trains and assists them in various crafts. A further grant was made to the Durham County Association for the Physically Handicapped to help further their work.

Two adults continued to attend the "day-work centre" at the Percy Hedley School for Spastics.

Twenty-nine physically handicapped persons are in homes outside the county.—

Spastics .. .. .	3
Epileptics .. .. .	23
Poliomyelitis .. .. .	1
Disseminated sclerosis .. .. .	1
Polyneuritis .. .. .	1
Total .. .. .	29

#### TUBERCULOSIS. INCIDENCE AND MORTALITY.

The number of primary notifications of respiratory tuberculosis received during the year was 449 and of non-respiratory tuberculosis 61, compared with 461 and 73 respectively in 1959. (See tables 30-35). The total notifications for the year (510) show a reduction of 24, compared with 1959 and give an incidence rate for all forms of tuberculosis of 0.54 per 1,000 population, the rate for 1959 being 0.57.

Table 37 gives the number of deaths from respiratory tuberculosis under relevant age periods and in separate county districts and areas. Similar information in respect of deaths from non-respiratory tuberculosis is given in the following statement.—

<i>Area No.</i>	<i>District.</i>	<i>Age Period.</i>	<i>Sex.</i>	<i>Number of deaths.</i>
1	Blaydon U.D.	35—44	F.	1
		55—64	F.	1
2	Jarrow M.B.	45—54	M.	1
5	Washington U.D.	55—64	M.	1
8	Easington R.D.	15—19	F.	1
		55—64	F.	1
9	Barnard Castle R.D.	55—64	M.	1

The number of deaths from respiratory tuberculosis (90) has decreased by four, and is the lowest on record. Deaths from non-respiratory tuberculosis (7) showed a decrease of one compared with 1959, and are also the lowest recorded.

Table 31 gives details of the incidence of tuberculosis since 1931, and records the lowest numbers of new cases of respiratory and non-respiratory tuberculosis and the lowest attack rates as occurring in 1960.



TABLE 30.

ADMINISTRATIVE COUNTY OF DURHAM. TUBERCULOSIS—New Cases and Deaths, 1931-1960.

Year	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
1931	493	446	372	356	343	327	116	89
1932	506	477	450	406	353	326	126	85
1933	447	419	343	328	368	303	72	72
1934	456	396	321	297	342	312	75	67
1935	376	376	306	248	315	295	79	63
1936	384	380	298	275	298	256	72	63
1937	406	334	272	258	268	255	65	68
1938	339	317	302	293	270	200	57	67
1939	410	295	266	254	292	217	67	54
1940	380	291	226	248	290	236	45	37
1941	388	382	241	240	299	243	55	51
1942	367	390	248	244	245	190	68	55
1943	438	398	240	290	296	218	64	26
1944	445	469	235	246	233	190	51	49
1945	527	386	249	265	255	203	48	56
1946	604	447	202	183	231	199	64	47
1947	534	474	166	172	253	263	58	38
1948	595	532	146	149	200	236	58	34
1949	552	515	127	146	240	188	39	35
1950	682	607	113	130	220	136	34	22
1951	654	525	102	110	195	126	26	22
1952	562	476	70	97	138	84	13	13
1953	502	415	66	78	129	92	14	10
1954	449	361	68	65	120	56	11	4
1955	376	331	54	61	108	54	9	13
1956	367	317	54	52	77	28	5	6
1957	368	264	42	65	96	29	7	4
1958	371	224	39	52	74	27	12	3
1959	289	191	32	45	74	20	7	1
1960	300	174	28	37	63	27	3	4

TUBERCULOSIS

Year	RESPIRATORY				NON-RESPIRATORY				TOTAL			
	New Cases	Number of Deaths	*Death Rate	*Attack Rate	New Cases	Number of Deaths	*Death Rate	*Attack Rate	New Cases	Number of Deaths	*Death Rate	*Attack Rate
1931	939	670	0.72	1.01	728	205	0.22	0.78	1,667	875	0.94	1.79
1932	983	679	0.73	1.06	856	211	0.23	0.93	1,839	890	0.96	1.99
1933	866	671	0.73	0.94	671	144	0.16	0.73	1,537	815	0.89	1.67
1934	852	654	0.71	0.93	618	142	0.16	0.68	1,470	796	0.87	1.61
1935	752	610	0.67	0.83	554	142	0.16	0.61	1,306	752	0.83	1.44
1936	764	554	0.62	0.85	573	135	0.15	0.64	1,337	689	0.77	1.49
1937	740	523	0.59	0.84	530	133	0.15	0.60	1,270	656	0.74	1.43
1938	656	470	0.53	0.74	595	124	0.14	0.67	1,251	594	0.67	1.42
1939	705	509	0.58	0.80	520	121	0.14	0.59	1,225	630	0.72	1.39
1940	671	526	0.61	0.79	474	82	0.10	0.56	1,145	608	0.72	1.35
1941	770	542	0.65	0.92	481	106	0.13	0.57	1,251	648	0.77	1.49
1942	757	435	0.53	0.92	492	123	0.15	0.60	1,249	558	0.67	1.52
1943	836	514	0.63	1.03	530	90	0.11	0.65	1,366	604	0.74	1.68
1944	914	423	0.51	1.11	481	100	0.12	0.59	1,395	523	0.63	1.70
1945	913	458	0.55	1.10	514	104	0.13	0.62	1,427	562	0.68	1.72
1946	1,051	430	0.50	1.22	385	111	0.13	0.45	1,436	541	0.63	1.66
1947	1,008	516	0.59	1.16	338	96	0.11	0.39	1,346	612	0.70	1.55
1948	1,127	436	0.49	1.27	295	92	0.10	0.33	1,422	528	0.59	1.60
1949	1,067	428	0.47	1.18	273	74	0.08	0.30	1,340	502	0.56	1.48
1950	1,289	356	0.39	1.42	243	56	0.06	0.27	1,532	412	0.45	1.69
1951	1,179	321	0.36	1.31	212	48	0.05	0.24	1,391	369	0.41	1.55
1952	1,038	222	0.25	1.15	167	26	0.03	0.19	1,205	248	0.28	1.34
1953	917	221	0.24	1.01	144	24	0.03	0.16	1,061	245	0.27	1.17
1954	810	176	0.19	0.89	133	15	0.02	0.15	943	191	0.21	1.04
1955	707	162	0.18	0.77	115	22	0.02	0.13	822	184	0.20	0.90
1956	684	105	0.11	0.74	106	11	0.01	0.12	790	116	0.13	0.86
1957	632	125	0.13	0.68	107	11	0.01	0.12	739	136	0.15	0.80
1958	595	101	0.11	0.64	91	15	0.02	0.10	686	116	0.12	0.73
1959	480	94	0.10	0.51	77	8	0.01	0.08	557	102	0.11	0.59
1960	474	90	0.09	0.50	65	7	0.01	0.07	539	97	0.10	0.57

\*Rates per 1,000 population.



Λογ.	Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα		Κεάριγγιόλα	
	Στοιχ Ιση	Δεσφ οί	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα	Κεάριγγιόλα
1030	480	84	0.10	0.21	33	8	0.01	0.08	221	105	0.11	0.26								
1028	262	101	0.11	0.04	01	12	0.05	0.10	080	110	0.13	0.13								
1027	035	132	0.13	0.08	101	11	0.01	0.15	330	120	0.12	0.80								
1020	084	102	0.11	0.34	100	11	0.01	0.15	300	110	0.13	0.80								
1022	301	105	0.18	0.11	112	35	0.05	0.13	855	184	0.30	0.80								
1024	810	130	0.10	0.80	133	12	0.05	0.12	843	161	0.31	1.04								
1023	011	351	0.34	1.01	144	34	0.03	0.10	1.001	302	0.33	1.11								
1025	1.038	555	0.32	1.12	165	30	0.03	0.10	1.302	548	0.38	1.34								
1021	1.130	351	0.38	1.31	215	48	0.02	0.34	1.301	300	0.41	1.22								
1020	1.580	320	0.30	1.45	243	20	0.00	0.51	1.235	415	0.42	1.00								
1040	1.001	458	0.41	1.18	313	34	0.08	0.30	1.340	205	0.20	1.08								
1048	1.151	430	0.40	1.31	332	35	0.10	0.33	1.455	258	0.20	1.00								
1047	1.008	210	0.20	1.10	338	00	0.11	0.30	1.340	015	0.30	1.22								
1040	1.021	430	0.20	1.35	300	11	0.13	0.42	1.470	241	0.03	1.00								
1042	013	428	0.22	1.10	214	104	0.13	0.05	1.451	205	0.08	1.15								
1044	014	453	0.21	1.11	481	100	0.15	0.20	1.302	253	0.03	1.10								
1043	830	214	0.03	1.03	230	00	0.11	0.08	1.300	004	0.14	1.08								
1045	121	432	0.23	0.85	405	153	0.12	0.00	1.540	228	0.01	1.25								
1041	330	245	0.02	0.05	481	100	0.13	0.21	1.521	048	0.11	1.40								
1040	031	250	0.01	0.30	430	05	0.10	0.20	1.142	008	0.15	1.32								
1030	302	200	0.28	0.80	250	131	0.14	0.00	1.522	030	0.15	1.30								
1038	020	410	0.23	0.34	202	134	0.14	0.01	1.521	204	0.01	1.45								
1031	140	253	0.20	0.84	230	103	0.12	0.00	1.310	020	0.14	1.43								
1030	104	224	0.03	0.02	233	132	0.12	0.00	1.331	020	0.11	1.40								
1032	125	010	0.01	0.83	224	145	0.10	0.01	1.300	125	0.03	1.44								
1034	825	024	0.11	0.03	018	145	0.10	0.08	1.410	100	0.01	1.01								
1033	800	011	0.13	0.00	011	144	0.10	0.13	1.245	812	0.00	1.01								
1035	083	010	0.13	1.00	820	511	0.33	0.03	1.230	800	0.00	1.00								
1031	030	010	0.15	1.01	338	502	0.35	0.18	1.001	832	0.04	1.10								

TABLE 32.

ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Notifications of tuberculosis in each urban and rural district of the administrative county during the period 1st January, 1960 to 31st December, 1960.

District.	Primary Notifications of new cases of Tuberculosis.			
	Respiratory.		Non-respiratory.	
	Males.	Females	Males.	Females
<i>Area No. 1.</i>				
Blaydon U.D. .. .. .	10	7	—	1
Ryton U.D. .. .. .	7	2	1	1
Whickham U.D. .. .. .	7	2	1	2
<i>Area No. 2.</i>				
Jarrow M.B. .. .. .	24	16	2	3
Felling U.D. .. .. .	18	11	—	—
Hebburn U.D. .. .. .	22	9	2	1
<i>Area No. 3.</i>				
Consett U.D. .. .. .	7	11	3	1
Stanley U.D. .. .. .	23	6	—	3
Lanchester R.D. .. .. .	1	1	—	—
<i>Area No. 4.</i>				
Chester-le-Street U.D. .. .. .	3	3	—	—
Chester-le-Street R.D. .. .. .	13	9	1	2
<i>Area No. 5.</i>				
Boldon U.D. .. .. .	3	5	—	2
Hetton U.D. .. .. .	4	4	—	—
Houghton-le-Spring U.D. .. .. .	6	6	1	1
Washington U.D. .. .. .	4	4	—	—
Sunderland R.D. .. .. .	12	4	1	2
<i>Area No. 6.</i>				
Crook & Willington U.D. .. .. .	4	1	1	1
Tow Law U.D. .. .. .	—	1	—	—
Weardale R.D. .. .. .	2	3	1	1
<i>Area No. 7.</i>				
Durham M.B. .. .. .	7	1	—	—
Brandon & Byshottles U.D. .. .. .	3	2	—	1
Durham R.D. .. .. .	13	5	2	3
<i>Area No. 8.</i>				
Seaham U.D. .. .. .	12	4	—	1
Easington R.D. .. .. .	16	13	2	1
<i>Area No. 9.</i>				
Barnard Castle U.D. .. .. .	—	4	—	—
Barnard Castle R.D. .. .. .	4	3	—	1
<i>Area No. 10.</i>				
Bishop Auckland U.D. .. .. .	3	4	3	1
Sildon U.D. .. .. .	4	2	1	—
Spennymoor U.D. .. .. .	8	1	1	1
<i>Area No. 11.</i>				
Hartlepool M.B. .. .. .	6	1	1	—
Billingham U.D. .. .. .	4	3	—	1
Darlington R.D. .. .. .	7	4	—	1
Sedgefield R.D. .. .. .	5	5	2	1
Stockton R.D. .. .. .	1	—	—	—
<i>Area No. 12.</i>				
Stockton M.B. .. .. .	21	8	1	1
ADMINISTRATIVE COUNTY .. .. .	284	165	27	34



TABLE 33.  
ADMINISTRATIVE COUNTY OF DURHAM, 1960—Tuberculosis Notifications.

AGE PERIODS	Formal Notifications													Total (all ages)
	Number of Primary Notifications of new cases of tuberculosis													
	0—	1—	2—	5—	10—	15—	20—	25—	35—	45—	55—	65—	75—	
Respiratory, Males ..	—	1	13	5	6	18	24	44	37	49	51	29	7	284
Respiratory, Females ..	1	1	3	9	6	27	22	39	28	16	7	3	3	165
Non-Respiratory, Males ..	1	2	2	1	3	4	6	3	3	1	—	—	1	27
Non-Respiratory, Females ..	—	—	—	1	—	2	2	16	6	3	1	2	1	34

Number of cases of tuberculosis coming to the knowledge of the County Medical Officer of Health otherwise than by Formal Notification.

SOURCES OF INFORMATION		Number of cases in age Groups											TOTAL			
		0—	1—	2—	5—	10—	15—	20—	25—	35—	45—	55—		65—	75—	
Death Returns from Local Registrars	M	—	—	—	—	—	—	—	1	—	—	—	1	3	—	5 (A)
	F	—	—	—	—	—	—	—	—	—	—	2	1	1	1	5 (B)
	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— (C)
	F	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1 (D)
Death Returns from Registrars-General (Transferable deaths)	M	—	—	—	—	—	—	—	—	—	—	1	2	1	4	8 (A)
	F	—	—	—	—	—	—	—	—	—	—	—	—	2	—	4 (B)
	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 (C)
	F	—	—	—	—	—	1	—	—	—	—	—	—	—	—	2 (D)
Posthumous Notifications	M	—	—	—	—	—	—	—	—	—	—	—	1	1	1	3 (A)
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— (B)
	M	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— (C)
	F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— (D)
TOTALS		(A)											16			
		(B)											9			
		(C)											1			
		(D)											3			



TABLE 35.

ADMINISTRATIVE COUNTY OF DURHAM.—Primary Notifications of Tuberculosis, 1950-1960.

Year	Respiratory.	Non-Respiratory.	Totals.
1950	1,060	205	1,265
1951	1,053	182	1,235
1952	917	158	1,075
1953	875	128	1,003
1954	788	123	911
1955	673	105	778
1956	669	102	771
1957	605	103	708
1958	563	81	644
1959	461	73	534
1960	449	61	510

TABLE 36.

ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Tuberculosis. New Cases and Mortality.

Age Period.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	1	1	—	—	—	—	—
1	1	1	2	—	—	—	—	—
2	13	3	2	—	—	—	—	—
5	5	9	1	1	—	—	—	—
10	6	6	3	—	—	—	—	—
15	18	27	4	3	—	—	—	1
20	24	22	6	2	—	—	—	—
25	45	39	3	16	5	5	—	—
35	38	28	3	6	8	4	—	1
45	52	18	2	3	12	4	1	—
55	54	10	—	2	19	5	2	2
65	37	4	—	3	16	5	—	—
75 and upwards	7	6	1	1	3	4	—	—
Totals	300	174	28	37	63	27	3	4

TABLE 37

ADMINISTRATIVE COUNTY OF DURHAM, 1960. Deaths from Respiratory Tuberculosis.

District.	25-34		35-44		45-54		55-64		65-74		75 and upwards		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Group 1.														
Don U.D. ... ..	—	—	—	—	—	—	1	—	—	2	—	—	1	2
Don U.D. ... ..	—	—	—	—	—	—	1	—	2	—	—	—	3	—
Wickham U.D. ... ..	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Group 2.														
New M.B. ... ..	—	1	—	—	—	—	—	—	—	—	1	—	1	1
Big U.D. ... ..	—	—	1	—	—	1	—	—	—	—	1	—	2	1
Turn U.D. ... ..	—	—	—	1	—	—	1	—	—	—	—	—	1	1
Group 3.														
Kett U.D. ... ..	—	1	—	—	1	—	—	—	2	—	—	—	3	1
Key U.D. ... ..	—	1	1	—	2	—	2	1	1	—	—	—	6	2
Wester R.D. ... ..	—	—	1	—	1	—	—	—	1	—	—	—	3	—
Group 4.														
Mer-le-Street U.D. ... ..	—	—	—	—	—	—	1	—	—	—	—	—	1	—
Mer-le-Street R.D. ... ..	1	—	—	—	—	—	1	—	—	—	1	—	3	—
Group 5.														
Don U.D. ... ..	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Don U.D. ... ..	—	1	—	—	—	—	1	—	—	—	—	—	1	1
Wighton-le-Spring U.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wington U.D. ... ..	—	—	—	—	1	—	—	—	—	—	—	—	1	—
Wuerland R.D. ... ..	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Group 6.														
Wick & Wington U.D. ... ..	—	—	1	—	1	—	1	—	—	—	—	—	3	—
Wick Law U.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Widale R.D. ... ..	—	—	—	—	—	—	1	—	2	—	—	—	3	—
Group 7.														
Wiam M.B. ... ..	—	—	—	—	—	—	2	—	—	—	—	—	2	—
Wiam & Byshottles U.D. ... ..	—	—	—	—	1	—	—	—	1	—	—	—	2	—
Wiam R.D. ... ..	1	—	1	—	—	—	—	1	1	—	—	—	3	1
Group 8.														
Wiam U.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wiam R.D. ... ..	—	—	1	—	2	—	2	—	1	1	—	—	6	1
Group 9.														
Wiam Castle U.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wiam Castle R.D. ... ..	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Group 10.														
Wiam Auckland U.D. ... ..	—	—	1	1	—	—	1	—	—	—	—	1	2	2
Wiam U.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wiam U.D. ... ..	—	1	—	—	—	—	1	1	—	—	—	1	1	3
Group 11.														
Wiampool M.B. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wiam U.D. ... ..	1	—	—	—	—	—	—	—	—	—	—	—	1	—
Wiam R.D. ... ..	—	—	—	—	—	—	—	1	1	—	—	—	1	1
Wiamfield R.D. ... ..	—	—	1	1	—	2	—	—	1	—	—	1	2	4
Wiam R.D. ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Group 12.														
Wiam M.B. ... ..	2	—	—	1	3	—	3	1	1	1	—	1	9	4
ADMINISTRATIVE COUNTY ... ..	5	5	8	4	12	4	19	5	16	5	3	4	63	27





TABLE 38.

ADMINISTRATIVE COUNTY OF DURHAM.—Respiratory Tuberculosis Death-rates, 1956-60.

Rate per 1,000 Living.	1956	1957	1958	1959	1960
Municipal Boroughs .. ..	0.16	0.14	0.14	0.08	0.11
Urban Districts .. ..	0.10	0.13	0.10	0.09	0.09
Rural Districts .. ..	0.11	0.15	0.10	0.13	0.10
Administrative County .. ..	0.11	0.13	0.11	0.10	0.09*
England and Wales .. ..	0.11	0.09	0.09	0.08	0.07‡

\*This death-rate of 0.09 per 1,000 population is the lowest on record for this administrative county.

‡Provisional.

TABLE 39.

ADMINISTRATIVE COUNTY OF DURHAM.—Non-Respiratory Tuberculosis Death-rates, 1956-60.

Rate per 1,000 Living.	1956	1957	1958	1959	1960
Municipal Boroughs .. ..	—	0.02	0.02	—	0.01
Urban Districts .. ..	0.01	0.01	0.02	0.01	0.01
Rural Districts .. ..	0.03	0.01	0.01	0.01	0.01
Administrative County .. ..	0.01*	0.01	0.02	0.01	0.01
England and Wales .. ..	0.01	0.01	0.01	0.01	0.01‡

\*This death-rate of 0.01 is the lowest on record for this administrative county.

‡Provisional.

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

Tables 40 to 44 give particulars of cases of infectious diseases occurring during the year, and the mortality from the principal infective diseases.

*Scarlet Fever.*—There were 400 cases and no deaths. The corresponding figures for 1959 were 686 cases and no deaths.

*Whooping Cough.*—The number of cases (1,522) decreased by 61 and deaths from one to none, when compared with the previous year.

*Diphtheria.*—For the second year in succession there was no confirmed case.



*Measles.*—The number of cases, 3,594, showed a decrease of 12,516. No death was registered. Notifications were more numerous in the fourth quarter of the year. The case rate was 3.8 per 1,000 population.

*Pneumonia.*—Notified cases decreased from 417 in 1959 to 385 in 1960. There were 581 deaths recorded. Notifications were heaviest in the second quarter.

*Meningococcal Infection.*—During the year there were 15 cases and five deaths. In 1959 the figures were 16 cases and two deaths.

*Acute Poliomyelitis.*—A decrease in the number of cases from 16 to three was recorded. No death was registered, two less than in 1959.

*Acute Encephalitis.*—Five cases were notified and no death was recorded.

*Dysentery.*—A total of 583 cases occurred, an increase of 242 cases compared with the previous year. Notifications were again mostly from the northern part of the county.

*Enteric or Typhoid Fever.*—There were three cases and no deaths, compared with no case or death in the previous year.

*Paratyphoid Fever.*—In 1959 there were 12 cases compared with two this year. No death was recorded in either year.

*Food Poisoning.*—There was no outbreak of major importance during the year, 36 confirmed cases being recorded, compared with 87 in the previous year.

*Influenza.*—The number of deaths registered was 39, equal to a death-rate of 0.04 per 1,000 population, compared with 55 deaths and a death-rate of 0.06 in 1959.

*Diarrhoea and Enteritis (under 2 years of age).*—Deaths registered (9) and the death-rate (0.009 per 1,000 population) were slightly less than last year when 11 deaths occurred giving a death-rate of 0.01. The rate per 1 000 live births was 0.51, compared with 0.65 in 1959.

*Reimbursement of Notification Fees.*—In accordance with the National Health Service Act, 1946, the County Council reimbursed £836 1s. 6d. to district councils for notifications of infectious diseases fees paid to medical practitioners. In 1959 the sum reimbursed was £2,447 4s. 6d.

## VENEREAL DISEASES.

The venereal diseases treatment centres are administered by hospital management committees and the figures in Table 45 have been compiled from returns submitted by hospitals where such clinics are held, and are in respect of patients from the administrative county who attended during the year.

The part-time social worker, employed by the County Council, retired on the 31st May and at the end of the year the post was still vacant as no suitable applications had been received in response to advertisements for a successor.

TABLE 42.

ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Notifiable Diseases.  
Corrected number of Cases and Deaths.

Diseases.	Cases.	Deaths.
Scarlet Fever .. .. .	400	—
Whooping Cough .. .. .	1,522	—
Diphtheria .. .. .	—	—
Measles .. .. .	3,594	—
Pneumonia .. .. .	385	581
Meningococcal Infection .. .. .	15	5
Acute Poliomyelitis.—		
Paralytic .. .. .	3	—
Non-Paralytic .. .. .	—	—
Acute Encephalitis.—		
Infective .. .. .	4	—
Post-Infectious .. .. .	1	—
Ophthalmia Neonatorum .. .. .	1	—
Puerperal Pyrexia .. .. .	49	—
Smallpox .. .. .	—	—
Para-Typhoid Fever .. .. .	2	—
Enteric or Typhoid Fever .. .. .	3	—
Erysipelas .. .. .	40	—
Malaria .. .. .	—	—



TABLE 43.  
ADMINISTRATIVE COUNTY OF DURHAM—Corrected number of cases of certain Infectious Diseases notified, 1951-1960.

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Mean of 10 years
Smallpox .. ..	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	1,303	1,739	1,426	741	413	846	945	762	686	400	926
Diphtheria ..	28	21	15	11	6	—	—	1	—	—	8
Enteric and Para- Typhoid Fevers ..	24	18	12	15	41	7	11	6	12	5	15
Puerperal Pyrexia ..	56	107	112	136	129	104	126	97	71	49	99
Erysipelas ..	86	113	113	91	79	91	74	37	55	40	78
TOTALS .. ..	1,497	1,998	1,678	994	668	1,048	1,156	903	824	494	1,126
Attack Rate per 1,000 Living ..	1.7	2.2	1.9	1.1	0.7	1.1	1.2	1.0	0.9	0.5	1.2

TABLE 40.

## ADMINISTRATIVE COUNTY OF DURHAM, 1960.

Numbers of all cases of infectious and other notifiable diseases originally notified, and of the final numbers according to sex and age after corrections subsequently made either by notifying medical practitioners or medical superintendents of hospitals.

	Scarlet fever		Whooping cough		Acute poliomyelitis				Measles (excluding rubella)		Diphtheria		Dysentery		Meningo-coccal infection	
	M	F	M	F	Paralytic		Non-paralytic		M	F	M	F	M	F	M	F
					M	F	M	F								
Numbers originally notified	195	205	721	805	1	3	—	—	1,883	1,714	—	1	318	333	10	7
Total (All Ages)																
Final numbers after correction																
Under 1 year																
1—	—	3	88	62	—	—	—	—	96	76	—	—	16	14	2	1
2—	7	4	76	89	—	—	—	—	205	181	—	—	26	21	2	1
3—	14	25	80	92	1	—	—	—	258	233	—	—	23	27	—	—
4—	21	11	86	117	—	1	—	—	247	227	—	—	33	31	—	2
5—9	28	21	88	90	—	1	—	—	214	226	—	—	31	19	—	—
10—14	87	109	276	319	—	—	—	—	835	750	—	—	64	65	2	—
15—24	34	28	21	20	—	—	—	—	16	13	—	—	26	24	3	—
25 and over	2	3	1	5	—	—	—	—	2	4	—	—	11	16	—	—
Age unknown	1	2	3	6	—	—	—	—	4	—	—	—	35	62	2	—
Total (All Ages)	194	206	719	803	1	2	—	—	1,881	1,713	—	—	284	299	11	4
Acute pneumonia	Smallpox		Acute encephalitis				Enteric or Typhoid fever		Paratyphoid fevers		Erysipelas		Food poisoning			
Numbers originally notified	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Total (All Ages)	226	157	—	—	3	1	1	1	1	1	2	22	18	27	24	
Final numbers after correction																
Under 5 years	33	46	—	—	—	—	—	—	—	—	—	—	—	—	5	4
5—14 years	16	7	—	—	1	1	—	—	1	—	—	—	1	—	8	3
15—44	42	27	—	—	1	1	—	—	1	—	—	—	4	5	4	7
45—64	73	37	—	—	—	—	1	—	—	—	—	—	12	6	—	2
65 and over	61	43	—	—	—	—	—	—	—	—	—	—	1	5	7	1
Age unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total (All Ages)	225	160	—	—	2	2	1	—	2	1	—	2	22	18	19	17
Respiratory	Meninges & C.N.S.*		Other				Tuberculosis		Other notifiable diseases							
Numbers originally notified	M	F	M	F	M	F	M	F	Original	Final						
Total (All Ages)	290	172	5	4	24	29	—	—	M	F						
Final numbers after correction									Puerperal pyrexia							
Under 5 years	15	5	3	—	2	—	—	—	—	—						
5—14 years	8	16	—	—	4	1	—	—	50	—						
15—24	43	50	1	—	9	4	—	—	Ophthalmia neonatorum	—						
25—44	85	70	1	1	5	20	—	—	Chicken Pox	—						
45—64	101	24	—	2	2	3	—	—	24	31						
65 and over	36	6	—	—	2	1	—	—	Malaria	—						
Age unknown	—	—	—	—	—	—	—	—	—	—						
Total (All Ages)	288	171	5	3	24	29	—	—	—	—						

\*Central nervous system.









Area	Districts											
	1960			1961			1962			1963		
Area	1960			1961			1962			1963		
	M	F	T	M	F	T	M	F	T	M	F	T
AREA No. 1	...											
Blaydon U.D.	...											
Ryton U.D.	...											
Wickham U.D.	...											
AREA No. 2	...											
Jarrow M.B.	...											
Felling U.D.	...											
Hoburn U.D.	...											
AREA No. 3	...											
Consett U.D.	...											
Stanley U.D.	...											
Langhams R.D.	...											
AREA No. 4	...											
Chester-le-Street U.D.	...											
Chester-le-Street R.D.	...											
AREA No. 5	...											
Bolton U.D.	...											
Hetton U.D.	...											
Houghton-le-Spring U.D.	...											
Washington U.D.	...											
Sunderland R.D.	...											
AREA No. 6	...											
Crook & Wigan U.D.	...											
Tow Law U.D.	...											
Westdale R.D.	...											
AREA No. 7	...											
Durham M.B.	...											
Brandon & Byshotes U.D.	...											
Durham R.D.	...											
AREA No. 8	...											
Seaham U.D.	...											
Eastington R.D.	...											
AREA No. 9	...											
Barrow Castle U.D.	...											
Barrow Castle R.D.	...											
AREA No. 10	...											
Bishop Auckland U.D.	...											
Shildon U.D.	...											
Spennymoor U.D.	...											
AREA No. 11	...											
Hartlepool M.B.	...											
Billingham U.D.	...											
Darlington R.D.	...											
Stockton R.D.	...											
AREA No. 12	...											

TABLE 44.

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Mean of 10 years
ADMINISTRATIVE COUNTY OF DURHAM.—Deaths and Death-rate from the seven principal Infective Diseases, 1951-1960.											
Estimated Population ..	898,600	899,800	906,500	910,690	914,600	921,600	928,800	935,800	943,700	950,870	921,096
Smallpox ..	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	2	—	—	—	1	—	—	—	—	—
Diphtheria ..	1	1	—	—	—	—	—	—	—	—	—
Enteric Fever ..	—	1	—	—	—	—	1	—	—	—	—
Measles ..	6	11	8	2	6	1	2	—	2	—	4
Whooping Cough ..	9	8	5	6	2	1	1	—	1	—	3
Diarrhoea and Enteritis under 2 years ..	32	24	27	27	17	9	11	10	11	9	18
TOTAL DEATHS ..	48	47	40	35	25	12	15	10	14	9	26
Deaths per 1,000 Population ..	0.05	0.05	0.04	0.04	0.03	0.01	0.02	0.01	0.01	0.009	0.03



A summary of the work done by the part-time social worker up to the end of May is as follows.—

Contacts		Defaulters		Others		Total	
Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
4	9	19	51	—	—	23	60

By arrangement with the South Shields County Borough Council, the contact tracing in their area is undertaken by the County Council social worker, and the above figures include five defaulter visits made in that area.

TABLE 45.  
ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Numbers of Venereal Diseases patients treated for the first time.

	Treatment Centres.								Total
	Durham County Hosp.	Stockton and Thor'by Hosp.	New-castle General Hosp.	South Shields Clinic	Royal Infr. Sunderland	General Hospital West Hartle-pool	Memorial Hospital Dar-lington	General Hospital Middles-brough	
Syphilis .. ..	9	5	15	2	12	1	2	1	47
Gonorrhoea .. ..	2	29	45	10	18	1	13	14	132
Other Conditions .. ..	68	56	286	25	111	7	48	32	633
<b>Totals .. ..</b>	<b>79</b>	<b>90</b>	<b>346</b>	<b>37</b>	<b>141</b>	<b>9</b>	<b>63</b>	<b>47</b>	<b>812</b>



## CANCER.

Table 46 gives comparative statistics in respect of cancer mortality for this administrative county and England and Wales for the past ten years. Table 48 gives the number of cancer deaths in each sanitary district during 1960 tabulated to show the organs affected together with the sex and age periods.

TABLE 46.

YEAR	DURHAM COUNTY		ENGLAND AND WALES.	
	Deaths	Death-rate	Deaths	Death-rate
1951	1,687	1.88	83,341	1.90
1952	1,693	1.88	87,642	1.99
1953	1,737	1.92	87,924	1.99
1954	1,874	2.06	90,095	2.03
1955	1,811	1.98	91,340	2.06
1956	1,852	2.01	92,710	2.08
1957	1,786	1.92	94,017	2.09
1958	1,807	1.93	95,804	2.12
1959	1,921	2.04	97,116	2.14
1960	1,895	1.99	*98,749	2.16

\*Provisional.

Cancer of the lung, especially in males, has increased in recent years. This is reflected in the mortality as seen in the following figures.

TABLE 47.

ADMINISTRATIVE COUNTY OF DURHAM.—Mortality from Cancer of the Respiratory System, 1951-1960.

Year	Deaths			Total Death-Rate per 1,000 population
	Males	Females	Total	
1951	192	53	245	0.27
1952	197	42	239	0.27
1953	237	31	268	0.30
1954	228	48	276	0.30
1955	269	41	310	0.34
1956	265	38	303	0.33
1957	290	45	335	0.36
1958	310	59	369	0.39
1959	345	56	401	0.42
1960	320	47	367	0.39







## MILK.

*Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949-1953.*—At the end of the year there were six plants processing milk in the county, all of which were authorised to use the special designations "Pasteurised" and "Tuberculin Tested (Pasteurised)," while one dairy holds an additional licence for the sterilising of milk.

Routine samples continue to be taken of milk delivered to schools, children's homes and nurseries, and as requested by the Ministry of Health, milk produced at hospital farms has been sampled in accordance with their scheduled requirements.

At the request of the Durham Hospital Management Committee routine samples are taken of milk delivered to hospitals.

Details of the results of all examinations of samples of milk are given in Table 49.

*Food and Drugs Act, 1955 Section 31.*—Samples of milk are being obtained and submitted for biological analysis. The results of 197 samples have been received, all being satisfactory.

The Chief Inspector of Weights and Measures reported that five samples of milk were found to be either deficient in milk fat or showed evidence of added water. It was decided that two cases were suitable to take before the Justices and three were referred to the National Agricultural Advisory Service.

*The Milk (Special Designation) Regulations, 1960.*—These Regulations which consolidate and re-enact with amendments the Milk (Special Designation) (Raw Milk) Regulations, 1949-1954, and the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949-1953, came into operation on 1st October, insofar as they relate to producers' licences.

The principal changes are.—

- (a) dealers' licences, except for a few kinds which will be granted by the Minister of Agriculture, Fisheries and Food, will be granted by the Food and Drugs authority for the area within which are situated the premises at or from which the milk is to be pasteurised, sterilised or sold, as the case may be; dealers' licences will permit sales outside as well as inside the area of the licensing authority and supplementary licences are to be discontinued (regulation 12 (1)(a));
- (b) a dealers' (pre-packed milk) licence is introduced to permit the sale of all three kinds of specially designated milk where the milk is obtained by the dealer in the container in which it is to be supplied to the consumer, or is pasteurised or sterilised by the dealer (regulation 12(1)(c));
- (c) the period for which a dealer's licence will be granted is extended from one year to five years (regulation 13);
- (d) a licence holder is no longer required to allow samples of milk to be taken free of charge. (First Schedule, paragraph 4);



- (e) a herd in respect of which a producer's licence is held is allowed to run with other attested cattle or cattle from a controlled herd (Second Schedule, Part I, paragraph A.5.) ;
- (f) the storage of tuberculin tested milk in a fixed tank at the farm and subsequent collection in a milk tanker is permitted, but such milk is required to be pasteurised or sterilised before sale (Second Schedule, Part I, paragraphs A.6. and B.2.) ;
- (g) the sealing of containers (other than retail containers) of tuberculin tested milk is no longer obligatory (Second Schedule, Part I, paragraphs C.1. and C.2.) ;
- (h) the Clot-on-Boiling test has been introduced for tuberculin tested milk to which a producer's licence relates (Second Schedule, Part I, paragraph C.4.) ;
- (i) when, for a purpose of taking a sample of milk, a person breaks the seal on a container, he must re-seal the container and attach to it a label certifying that it has been opened and re-sealed (Third Schedule, Part I, paragraph 3.) ;
- (j) the conditions of the Methylene Blue test for tuberculin tested milk and pasteurised milk are modified (Third Schedule, Part III) and a different Phosphatase test for pasteurised milk has been prescribed (Third Schedule, Part IV).

The issue of dealers' licences and the implementation of all Acts and Regulations applicable thereto, including sampling, will be the responsibility of the Food and Drugs Authority and therefore of the Health Committee, as from the operative date, which is 1st January, 1961.

TABLE 49.

ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Results of examination of samples of raw, pasteurised and sterilised milk collected by officers of the County Health Department.

	No. of samples taken	Methylene Blue Test			Phosphatase Test		Biological Test for Tuberculosis, etc.				Turbidity Test					
		Passed	Failed	Inconclusive	% Failed	Passed	Failed	% Failed	No. of samples taken	Negative	Positive	Inconclusive	% Positive	Passed	Failed	% Failed
<i>Pasteurised Milk</i>																
(a) Dairies ..	558	555	1	2	0.18	558	—	—	—	—	—	—	—	—	—	—
(b) Schools ..	211	203	7	1	3.32	211	—	—	—	—	—	—	—	—	—	—
(c) Hospitals ..	46	39	2	5	4.35	46	—	—	—	—	—	—	—	—	—	—
	815	797	10	8	1.23	815	—	—	—	—	—	—	—	—	—	—
<i>Raw Milk</i>																
(a) Farms ..	114	102	12	—	10.53	—	—	—	—	33	—	—	—	—	—	—
(b) Hospitals ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	114	102	12	—	10.53	—	—	—	—	33	—	—	—	—	—	—
<i>Sterilised milk</i>																
	48	—	—	—	—	—	—	—	—	—	—	—	48	—	—	—
TOTALS ..	977	899	22	8	2.25	815	—	—	—	33	—	—	48	—	—	—



## FOOD AND DRUGS ACT.

The following statement shows the results of examinations carried out by the County Analyst during the year.—

	<i>No. of samples.</i>	<i>No. adulterated.</i>	<i>% adulterated.</i>
Milk .. ..	1,398	10	0.7
Other foods and drugs .. ..	1,492	28	1.9
	2,890	38	1.3
Appeal to cow samples .. ..			68
Milk below presumptive standard, but genuine			81

## WATER SUPPLIES.

Copies of results of analyses of water samples taken by local authorities are sent to the County Health Department and where necessary further investigations are carried out. Of 715 samples taken, 133 were classified as unsatisfactory. These unsatisfactory samples were generally from individual spring or well supplies to isolated farms or dwellings, and in a number of instances were repeat samples of those reported in previous years. The Tow Law to High Alderheads, Rowley, scheme, approved by the Health Committee in September, 1955, has been completed, with a reduction in the number of unsatisfactory samples from this area. Routine samples of supplies to schools, kitchens, dairies and similar establishments continue to be taken by officers of the Department and have proved generally satisfactory. Where adverse reports were received they came from local supplies subject to variation in quality and quantity due to extreme weather changes.

Within the administrative county there are five major water undertakings providing water in bulk and/or in detail to the greater part of the county. Supplies to the remainder are controlled by four local authorities and in some mining areas the National Coal Board has a varying responsibility. As the rainfall this summer has been average as distinct from the dry summer of last year, no shortages have been experienced. Normal extensions of mains to housing estates and industry continue in all areas, while additional reservoir accommodation is being provided at Edmondbyers by the commencement of work on the proposed Derwent Valley reservoir, with a capacity of 11,000 million gallons, and by the completion of the Selsset reservoir, with a capacity of 3,000 million gallons.

*Water Acts, 1945 and 1948. Bulk Supply of Water.*—Consideration was given to a notice of a proposed agreement between the Darlington Corporation and the Tees Valley and Cleveland Water Board, enabling the Corporation to supply water in bulk to the Board. This was in effect a renewal of an existing agreement and no observations were necessary.

*Barnard Castle Rural District. Marwood Water Supply Scheme.*—Consideration has been given to this scheme which provides for an extension to the Eggleston water supply scheme from Folly Bank Top into the Parish of Marwood and in the general direction of Barnard Castle.



It is proposed to lay 4 ins., 3 ins., and 2 ins. water mains as required and to establish a 25,000 gallon storage reservoir, so providing a mains supply in the first instance to 10 farms and 11 houses in the area, and possibly at a later date to an additional five or six farms on the outer fringe of the area. Generally, the existing supply to these premises is from shallow springs and wells, so that water shortages, necessitating the cartage of water, occur frequently during the summer months. The scheme, estimated to cost £10,538, was considered reasonable and should prove satisfactory.

*Barnard Castle Rural District. Cockfield, Copley and Woodland Water Supplies.*—Since this scheme was approved by the Health Committee in June, 1958, a further extension to provide water to cottages in the Black Swan Inn area has been found necessary. The estimated cost of the extension is £400 and is considered reasonable.

#### DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL.

Routine inspections of existing disposal works and those under construction continue to be made. A number of schemes to replace overloaded and defective works, and to enable the continued development of housing estates, have been submitted by local authorities for consideration. Investigations have been carried out in each case and appropriate recommendations made.

*Clean Rivers (Estuaries and Tidal Waters) Bill.*—A letter dated 3rd February was received from the Wear and Tees River Board informing the County Council of the Tees Conservancy Commission's proposed amendment to the Bill, which would enable them to veto powers to be conferred on the River Board, and would render abortive the Board's powers in relation to salmon and fresh water fisheries. Before making any observations on this proposal information regarding the amendment and the reason for it was sought from the Tees Conservancy Commission. From the information made available it appeared that the general principle of the River Board controlling pollution and the Commissioners being responsible for navigational considerations was agreed, but the detailed implementation was causing concern. As it was thought that this matter would be appropriately dealt with by the Minister, no further recommendations were considered necessary.

*Sewage Contamination of Bathing Beaches in England and Wales.*—A report by a research committee of the Public Health Laboratory Service on the medical and bacteriological aspects of the sewage contamination of bathing beaches in England and Wales was received from the Minister of Housing and Local Government. The committee paid particular attention to the possibilities of contracting enteric fever and poliomyelitis while bathing and their conclusions should go a long way to allay public anxiety. At the same time, the report made it clear that there were beaches which were grossly polluted and where, even though the risk to health was remote, active steps should be taken to remedy the pollution, and Councils were asked to study the report to consider what action was needed.

*Coastal Anti-Pollution League.*—A letter was received from the Chairman of this League, asking for information regarding pollution of coastal areas in the county, and appropriate observations were made.



*Billingham Urban District. Greatham Creek Sewerage and Sewage Disposal.*—This scheme was approved by the Health Committee in July, 1956. That part of the scheme providing for an extension of the sewerage disposal works has been completed at a final cost of £15,780. As this figure was in excess of the original estimate, consideration was given to the increase, which was found to be reasonable.

*Blaydon Urban District. High Spen South Sewerage Scheme.*—An application was received from the District Council for a contribution under the provisions of Section 56 of the Local Government Act, 1958, towards the cost of this scheme. The existing sewage disposal works at High Spen South are overloaded and obsolete and the proposed scheme provides for the laying of new sewers from High Spen South connecting at a suitable point in Rowlands Gill with an existing sewer discharging at the Lock-haugh sewage disposal works. Provision is made in the new sewers to take sewage from High Spen North should the existing disposal works for this area be abandoned in the future. The scheme, estimated to cost £13,000, was considered necessary, and should prove satisfactory.

*Chester-le-Street Urban District. Blind Lane Sewerage, Chester-le-Street.*—An application was received from the District Council for a contribution under the provisions of Section 56 of the Local Government Act, 1958, towards the cost of this scheme. Due to housing development in the Blind Lane area of the Chester-le-Street Urban District and the Barley Mow and North Lodge areas of the Rural District, the sewers which drain these areas to the Urban District Council's proposed disposal works have become surcharged, causing flooding to occur in Blind Lane. To prevent this it is proposed to lay additional sewers as required, at an estimated cost of £22,000. The scheme was considered necessary and should prove satisfactory.

*Houghton-le-Spring Urban District. Sedgeleth Sewage Disposal Works.*—The original scheme was approved by the Health Committee in May, 1958. An amended scheme, estimated to cost £17,110, was considered and found satisfactory.

*Chester-le-Street Rural District. Rowleth Burn Improvement Scheme.* Consideration has been given to a request that this scheme should be considered for grant purposes in conjunction with the Birtley Outfall scheme. The opinion was expressed that the scheme for the improvement of the Rowleth Burn, being designed to deal with surface water, could not be considered as part of a sewerage and sewage disposal scheme, which opinion was later confirmed by the Minister.

*Chester-le-Street Rural District. Barley Mow Area Sewerage and Surface Water Drainage.*—Consideration was given to this scheme, which is an extension of the Birtley Outfall Scheme, and provides sewerage and surface water drainage on the separate system for additional development, both industrial and housing, in the Barley Mow and Portobello areas. The foul sewers will discharge into the new outfall sewer, the scheme for the provision of which had been previously agreed, and the surface water drains into the re-aligned Rowleth Burn. The scheme, which was considered necessary and should prove satisfactory, is estimated to cost £85,000. It was later investigated by an engineering inspector of the Ministry of Housing and Local Government on 15th December and his findings are awaited. At the investigation information was sought by the County Health Inspector relative to the submission for consideration of details of the disposal works and their probable commencement. The principle of disposal works to replace the outfall sewer into the Tyne was agreed by the Health Committee in February, 1956, and approved



by the Minister in November, 1957, and concern was felt regarding additional sewer schemes going ahead without any apparent progress with the disposal works. From the discussion which took place it was learned the Consulting Engineers expected that 18 months hence plans would have been completed and agreed, tenders accepted, and a start made on the scheme, which should be completed within a further 2½ years.

*Darlington Rural District. Extensions to Aycliffe Sewage Disposal Works.*—This scheme was investigated by an engineering inspector of the Ministry of Housing and Local Government on 26th April. The inspector confirmed that the application was for approval in principle of the scheme and no detailed drawings had yet been prepared. The Consulting Engineer indicated that it was now intended to include the drainage from Aycliffe Hospital, which amounted to a present flow of 40,000 gallons per day with an assumed flow of 60,000 gallons per day. The cost of the treatment works had increased by approximately £6,000 with an overall increase in the cost of the scheme from £120,000 to approximately £131,750. As other items, including balancing tanks to level off peak flows, were to receive further consideration, and as decisions made could further affect the cost, it was agreed with the Consulting Engineer that when these matters had been determined plans and documents giving details of the amended scheme would be forwarded for consideration.

*Darlington Rural District. Middleton-St.-George Sewerage Scheme.*—The second stage, estimated to cost £13,150, of the original scheme was the subject of an inspection by the Ministry of Housing and Local Government on 3rd March. Some re-alignment of the sewer had been found necessary, otherwise there were no major deviations and the work was considered satisfactory.

*Durham Rural District. Bearpark Sewerage and Sewage Disposal Scheme.*—This scheme was investigated by an engineering inspector of the Ministry of Housing and Local Government on 8th January. The necessity of utilising the existing humus tank and the design of the storm-water overflow was queried, and it was agreed that alternative designs be submitted by the Consulting Engineer to the inspector for consideration.

*Lanchester Rural District. Castleside Sewage Disposal Works. Proposed Extensions and Improvements.*—An application was received from the District Council for a grant under the provisions of the Rural Water Supplies & Sewerage Acts, 1944-55, towards the cost of this scheme. The existing disposal works were constructed in 1932 for a population of 360 and are now obsolete. The proposed scheme provides for screens, sedimentation, stormwater and humus tanks, percolating filters and sludge drying beds for a population of 600, with a Dry Weather Flow of 18,000 gallons per day. The scheme, estimated to cost £6,893, is urgently required and should prove satisfactory. It was investigated by an engineering inspector of the Ministry of Housing and Local Government on October 12th and his findings are awaited.

*Stockton Rural District. Hart Village.*—A complaint having been received of pollution of the stream in Hart Village by sewage, an investigation was carried out. This pollution was found to be due to an overflow from sewage disposal tanks, etc., attached to small holdings and a farm upstream of the village. Appropriate action to remedy these conditions was taken.

*Sunderland Rural District. Ryhope Tunstall and Silksworth Sewerage Scheme.*—An application was received from the District Council for a grant under the provisions of Section 56 of the Local Government Act, 1958, towards the cost of this scheme. The existing sewers taking the



Statement as to the position of Housing in the Administrative County of Durham on the 31st December, 1960. (Figures supplied by District Councils).

Districts.	Houses Erected during 1960 By			Total No of Inhabited Houses in District
	Local Authority	Any Other Housing Authority	Private Persons	
<i>Area No. 1.</i>				
Blaydon U.D. . . . .	115	—	36	10,035
Ryton U.D. . . . .	36	2	24	4,515
Whickham U.D. . . . .	—	—	156	7,860
<i>Area No. 2.</i>				
Jarrow M.B. . . . .	175	4	2	9,192
Felling U.D. . . . .	112	334	70	10,943
Hebburn U.D. . . . .	105	—	—	7,837
<i>Area No. 3.</i>				
Consett U.D. . . . .	44	—	52	11,832
Stanley U.D. . . . .	88	—	70	14,801
Lanchester R.D. . . . .	—	—	25	4,372
<i>Area No. 4.</i>				
Chester-le-Street U.D.	70	—	39	6,209
Chester-le-Street R.D.	38	—	165	12,732
<i>Area No. 5.</i>				
Boldon U.D. . . . .	16	—	191	7,269
Hetton U.D. . . . .	38	—	7	5,446
Houghton-le-Sp. U.D.	102	—	30	10,104
Washington U.D. . . . .	118	—	78	5,815
Sunderland R.D. . . . .	124	—	97	8,742
<i>Area No. 6.</i>				
Crook and Willington U.D.	44	—	4	8,807
Tow Law U.D. . . . .	—	—	—	960
Weardale R.D. . . . .	—	—	4	3,154
<i>Area No. 7.</i>				
Durham M.B. . . . .	25	—	33	6,228
Brandon and Byshottles U.D.	71	—	1	6,571
Durham R.D. . . . .	85	—	254	10,964
<i>Area No. 8.</i>				
Seaham U.D. . . . .	204	—	2	8,542
Easington R.D. . . . .	224	271	47	26,659
<i>Area No. 9.</i>				
Barnard Castle U.D. . . . .	—	24	6	1,668
Barnard Castle R.D. . . . .	42	—	8	5,786
<i>Area No. 10.</i>				
Bp. Auckland U.D. . . . .	84	—	30	11,176
Shildon U.D. . . . .	72	—	2	4,749
Spennymoor U.D. . . . .	68	—	37	6,205
<i>Area No. 11.</i>				
Hartlepool M.B. . . . .	119	—	65	5,079
Billingham U.D. . . . .	106	—	126	9,470
Darlington R.D. . . . .	35	305	49	6,725
Sedgefield R.D. . . . .	37	—	16	11,196
Stockton R.D. . . . .	4	—	74	2,893
<i>Area No. 12.</i>				
Stockton M.B. . . . .	403	—	280	24,038
<b>Total . . . . .</b>	<b>2,804</b>	<b>940</b>	<b>2,080</b>	<b>298,574</b>

TABLE A.

ADMINISTRATIVE COUNTY OF DURHAM, 1960.—Deaths by causes at various age periods.

	All Ages	Under 1 week.	Under 1 mth.	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Under 1 Year	1—2 yrs.	2—5 yrs.	5—15 yrs.	15—25 yrs.	25—45 yrs.	45—65 yrs.	65—75 yrs.	75 & Upw.
Smallpox .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diarrhoea .. .	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteritis .. .	26	—	—	2	2	3	—	7	2	—	—	—	—	—	—	1
Cerebro-Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	3	9	5
Encephalitis Lethargica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenza .. .	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer .. .	1,895	—	—	—	—	—	—	—	—	1	—	—	2	11	11	14
Rheumatic Fever .. .	13	—	—	—	—	—	1	1	2	1	12	6	97	741	533	502
Appendicitis .. .	6	—	—	—	—	—	—	—	—	—	—	—	3	6	2	2
Other Septic Diseases ..	23	1	—	—	—	—	—	—	—	—	—	—	—	3	2	1
Phthisis .. .	90	—	—	—	—	—	—	1	—	—	1	1	3	5	6	6
Tuberculous Meningitis ..	3	—	—	—	—	—	—	—	—	—	—	—	22	40	21	7
Abdominal Tuberculosis ..	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	—
Other Tuberculous Diseases ..	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis .. .	579	—	—	3	5	—	—	8	1	—	—	—	1	3	—	—
Broncho-Pneumonia .. .	416	6	9	16	14	8	3	56	6	7	5	3	13	60	201	153
Lobar Pneumonia .. .	67	—	—	—	—	—	—	1	—	—	—	—	4	18	21	23
Pneumonia (All other forms) ..	98	5	2	4	5	—	—	16	—	—	—	—	1	13	23	42
Pleurisy .. .	4	—	—	—	—	—	—	—	—	—	1	1	2	2	1	1
Other Diseases of Respiratory Organs ..	129	—	—	—	4	—	—	4	—	1	1	2	8	57	44	12
Alcoholism .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver .. .	23	—	—	—	—	—	—	—	—	—	—	—	—	2	14	3
Nephritis and Bright's Disease ..	161	—	—	1	—	—	—	1	—	—	—	—	—	18	54	33
Puerperal Sepsis .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Pregnancy, Childbirth and the Puerperal State .. .	8	—	—	—	—	—	—	—	—	—	—	2	6	—	—	—
Congenital Malformation .. .	122	40	15	28	15	4	6	108	4	3	6	1	—	—	—	—
Premature Birth .. .	192	183	7	2	—	—	—	192	—	—	—	—	—	—	—	—
Congenital Debility .. .	21	16	2	1	2	—	—	21	—	—	—	—	—	—	—	—
Marasmus, Atrophy .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Injury at Birth .. .	3	3	—	—	—	—	—	3	—	—	—	—	—	—	—	—
Atelectasis .. .	24	23	—	1	—	—	—	24	—	—	—	—	—	—	—	—
Meningitis (not Tuberculous) ..	9	1	—	—	1	—	—	2	2	2	1	—	—	—	—	—
Convulsions .. .	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Gastritis .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis .. .	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic Heart Disease .. .	1,000	—	—	—	—	—	—	—	—	—	—	—	—	8	5	3
Violent or Accidental Death excluding Suicide ..	332	1	—	1	2	2	1	7	1	—	4	5	41	248	337	364
Suffocation Overlaying .. .	6	—	—	4	1	1	—	6	6	15	28	45	55	78	34	64
Burns and Scalds .. .	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Suicide .. .	98	—	—	—	—	—	1	1	—	1	—	—	—	—	—	—
Arterio-Sclerosis .. .	3,816	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Senility .. .	799	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral Haemorrhage .. .	285	18	3	2	—	—	—	23	—	1	—	—	1	2	55	741
Other Defined Diseases .. .	635	1	1	—	—	—	2	4	3	1	—	2	16	85	79	79
Diseases ill-defined or unknown ..	3	1	—	—	—	—	—	1	—	—	—	8	45	186	177	211
TOTAL .. .	10,949	300	39	65	51	18	15	488	27	33	65	84	431	2,742	2,933	4,146



Disease ill-defined or unknown	1	3	18	799	3,816	98	2	6	332	1,000	16	1	1	9	24	3	21	183	40	122	8	Other Diseases of Pregnancy, Childbirth and Puerperal State	161	23	Alcoholism	Other Diseases of Respiratory Organs	4	Pneumonia (all other forms)	67	416	270	Other Tuberculous Diseases	4	Abdominal Tuberculosis	Tuberculous Meningitis	90	Other Acute Diseases	23	1	6	13	1,892	39	Erysipelas	Enccephalitis Lethargica	Cerebro-spinal Fever	Enteritis	Dysentery	Whooping Cough	Measles	Enteric Fever	Diphtheria	Scarlet Fever	Smallpox	Diseases ill-defined or unknown	TOTAL	
																																																								10,949	300
3	1	632	1	18	799	98	2	6	332	1,000	16	1	1	9	24	3	21	183	40	122	8	Other Diseases of Pregnancy, Childbirth and Puerperal State	161	23	Alcoholism	Other Diseases of Respiratory Organs	4	Pneumonia (all other forms)	67	416	270	Other Tuberculous Diseases	4	Abdominal Tuberculosis	Tuberculous Meningitis	90	Other Acute Diseases	23	1	6	13	1,892	39	Erysipelas	Enccephalitis Lethargica	Cerebro-spinal Fever	Enteritis	Dysentery	Whooping Cough	Measles	Enteric Fever	Diphtheria	Scarlet Fever	Smallpox	Diseases ill-defined or unknown	10,949	300

TABLE B.  
POPULATION, BIRTH-RATE, DEATH-RATE, ETC., WITHIN THE ADMINISTRATIVE COUNTY OF DURHAM—1960.

DISTRICTS	Medical Officer of Health	Area in Acres	Registrar General's estimated Resident Population 1960	Live Births	Still Births	Deaths	Birth-rate	Death-rate	Death-rate from seven Principal Infective Diseases	Infant Mortality-rate per 1,000 Births	Phthisis Death-rate	Total Tuberculous Death-rate	Lung Diseases Death-rate	Deaths occurring outside District included	Deaths occurring within District excluded
AREA No. 1.															
Blaydon U.D.	J. Taylor, O.B.E., M.B., Ch.B., D.P.H., D.T.M. & H.														
Ryton U.D.	Do.	9,235	31,020	530	11	361	17.1	11.6	—	40	0.10	0.16	1.06	148	9
Whickham U.D.	Do.	5,145	13,680	221	5	171	16.2	12.5	0.07	36	0.22	0.22	0.88	57	5
		6,074	24,910	397	11	245	15.9	9.8	—	20	0.04	0.04	1.32	91	154
		20,454	69,610	1,148	27	777	16.5	11.2	0.01	32	0.10	0.13	1.12	296	168
AREA No. 2.															
Jarrow M.B.	T. C. Falconer, M.B., Ch.B., D.P.H.	1,697	29,250	577	14	362	19.7	12.4	—	21	0.07	0.10	1.54	128	29
Felling U.D.	Do.	3,259	32,650	710	25	357	21.7	10.9	0.03	24	0.09	0.09	1.50	161	7
Hebburn, U.D.	Do.	1,554	24,290	545	15	255	22.4	10.5	0.04	28	0.08	0.08	1.32	87	6
		6,510	86,190	1,832	54	974	21.3	11.3	0.02	24	0.08	0.09	1.46	376	42
AREA No. 3.															
Consett U.D.	R. Hill, M.B., B.Ch., D.P.H.	10,042	39,080	649	15	466	16.6	11.9	—	20	0.10	0.10	0.82	75	419
Stanley U.D.	Do.	12,659	47,570	760	22	618	16.0	13.0	—	29	0.17	0.17	1.03	294	10
Lanchester R.D.	Do.	44,243	15,230	223	3	206	14.6	13.5	—	31	0.20	0.20	1.38	55	162
		66,944	101,880	1,632	40	1,290	16.0	12.7	—	26	0.15	0.15	1.00	424	591
AREA No. 4.															
Chester-le-Street U.D.	J. L. Siddle, M.B., B.S., D.P.H.	2,656	18,770	294	7	273	15.7	14.5	—	24	0.05	0.05	1.70	44	152
Chester-le-Street R.D.	Do.	22,223	41,890	676	15	443	16.1	10.6	—	22	0.07	0.07	1.38	227	15
		24,879	60,660	970	22	716	16.0	11.8	—	23	0.07	0.07	1.48	271	167
AREA No. 5.															
Boldon U.D.	T. C. Falconer, M.B., Ch.B., D.P.H.	7,640	20,810	429	9	219	20.6	10.5	—	19	0.05	0.05	1.49	104	13
Hetton U.D.	R. C. F. Smith, M.D., D.P.H.	4,551	18,510	326	7	244	17.6	13.2	0.05	28	0.11	0.11	1.57	96	3
Houghton-le-Spring U.D.	Do.	5,026	31,550	582	16	356	18.4	11.3	—	24	—	—	0.95	168	3
Washington U.D.	Do.	5,758	18,170	368	8	222	20.3	12.2	0.06	52	0.06	0.11	1.38	64	4
Sunderland R.D.	Do.	6,734	27,410	572	10	358	20.9	13.1	—	23	0.04	0.04	2.19	115	284
		29,709	116,450	2,277	50	1,399	19.6	12.0	0.02	28	0.04	0.05	1.50	547	307
AREA No. 6.															
Crook & Willington U.D.	G. A. Macgregor, M.D., D.P.H.	15,476	26,430	391	11	383	14.8	14.5	0.04	41	0.11	0.11	1.40	115	41
Tow Law U.D.	Do.	477	3,070	52	1	39	16.9	12.7	—	19	—	—	0.65	16	—
Weardale R.D.	Do.	99,513	8,790	111	3	167	12.6	19.0	—	27	0.34	0.34	1.59	42	49
		115,466	38,290	554	15	589	14.5	15.4	0.03	36	0.16	0.16	1.38	173	90
AREA No. 7.															
Durham M.B.	R. G. Drummond, M.B., Ch.B., D.P.H.	4,578	21,770	310	7	274	14.2	12.6	—	35	0.09	0.09	1.15	23	416
Brandon & Byskottles U.D.	Do.	8,224	20,280	395	12	223	19.5	11.0	—	33	0.10	0.10	1.23	95	8
Durham R.D.	Do.	34,068	34,900	643	12	401	18.4	11.5	0.03	30	0.11	0.11	1.15	176	8
		46,870	76,950	1,348	31	898	17.5	11.7	0.01	32	0.10	0.10	1.17	294	432
AREA No. 8.															
Seaham U.D.	J. W. A. Rodgers, M.B., B.Ch., D.P.H.	2,469	26,410	495	11	263	18.7	10.0	0.04	20	—	—	1.55	125	27
Easington R.D.	Do.	34,653	86,360	1,663	32	939	19.3	10.9	0.01	28	0.08	0.10	1.19	344	92
		37,122	112,770	2,158	43	1,202	19.1	10.7	0.02	26	0.06	0.08	1.28	469	119
AREA No. 9.															
Barnard Castle U.D.	J. G. Paley, M.R.C.S., L.R.C.P., D.P.H.	559	5,260	99	3	79	18.8	15.0	—	20	—	—	1.14	23	19
Barnard Castle R.D.	Do.	110,118	18,880	300	7	188	15.9	10.0	—	33	0.05	0.11	0.53	67	10
		110,677	24,140	399	10	267	16.5	11.1	—	30	0.04	0.08	0.66	90	29
AREA No. 10.															
Bishop Auckland U.D.	J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H.	9,332	35,440	650	21	415	18.3	11.7	—	37	0.11	0.11	0.87	39	324
Shildon U.D.	Do.	4,827	13,920	210	8	177	15.1	12.7	—	48	—	—	1.22	69	1
Spennymoor U.D.	Do.	7,543	19,810	336	12	222	17.0	11.2	—	33	0.20	0.20	1.21	116	3
		21,702	69,170	1,196	41	814	17.3	11.8	—	38	0.12	0.12	1.04	224	328
AREA No. 11.															
Hartlepool M.B.	L. R. Benham, M.B., B.S., D.P.H.	1,473	17,340	394	6	183	22.7	10.6	—	51	—	—	1.21	82	46
Billingham U.D.	Do.	7,855	29,480	762	20	245	25.8	8.3	—	29	0.03	0.03	0.88	140	9
Darlington R.D.	M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H.	45,479	22,880	531	10	196	23.2	8.6	—	26	0.09	0.09	0.83	88	29
Sedgefield R.D.	Do.	39,057	36,300	570	13	499	15.7	13.7	—	30	0.17	0.17	1.40	65	391
Stockton R.D.	L. R. Benham, M.B., B.S., D.P.H.	40,614	9,250	144	4	69	15.6	7.5	—	14	—	—	0.22	29	8
		134,478	115,250	2,401	53	1,192	20.8	10.3	—	31	0.08	0.08	1.03	404	483
AREA No. 12.															
Stockton M.B.	H. J. Peters, M.B., B.S., B.Hy., D.P.H., D.P.A.	5,465	79,510	1,707	37	831	21.5	10.5	—	16	0.16	0.16	1.25	258	141
ADMINISTRATIVE COUNTY		620,276	950,870	17,622	423	10,949	18.5	11.5	0.01	28	0.09	0.10	1.22	3,826	2,897



Table B.

POPULATION, BIRTHS

Area No.	U.D.	R.D.	Medical Officer of Health	Births	Population
1	Blaydon U.D.		J. Taylor, O.B.E., M.B., Ch.B., D.P.H.	620	13,200
	Ryton U.D.		D.T.M. & H.	Do.	
	Wickham U.D.		Do.	Do.	
2	Blaydon U.D.		H. J. T. C. Falconer, M.B., Ch.B., D.P.H.	1,300	17,000
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
3	Blaydon U.D.		R. Hill, M.B., Ch.B., D.P.H.	1,200	15,000
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
4	Blaydon U.D.		U. I. Siddie, M.B., B.S., D.P.H.	1,200	15,000
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
5	Blaydon U.D.		T. C. Falconer, M.B., Ch.B., D.P.H.	1,200	15,000
	Blaydon U.D.		R. C. F. Smith, M.D., D.P.H.	Do.	
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
6	Blaydon U.D.		G. A. Macgregor, M.D., D.P.H.	1,200	15,000
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
7	Blaydon U.D.		R. G. Drummond, M.B., Ch.B., D.P.H.	1,200	15,000
	Blaydon U.D.		Do.	Do.	
	Blaydon U.D.		Do.	Do.	
TOTAL				10,000	120,000

Table C.  
DEATHS AT CERTAIN AGES AND FROM CERTAIN SPECIFIED CAUSES WITHIN THE ADMINISTRATIVE COUNTY OF DURHAM—1960

DISTRICTS	DEATHS AT SUBJOINED AGES												DEATHS FROM SUBJOINED CAUSES																						UNCERTAIN DEATHS		Transferred													
	All Ages	Under 5 months	5 months to 1 year	1-2 years	2-5 years	5-10 years	10 years to 15 years	15 years to 20 years	20 years to 25 years	25 years to 30 years	30 years to 35 years	35 years to 40 years	40 years and over	Heart disease	Stroke	Diabetes Mellitus	Chronic Bronchitis	Pneumonia	Tuberculosis	Influenza	Cancer	Other	Unknown	Accidents	Violence	Suicides	Others	Total																						
Area No. 1, Raydon U.D.	361	16	1	1	21	1	1	4	8	8	8	100	144	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
Area No. 2, Jarrow M.B., Poling U.D., Bliburn U.D.	171	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 3, Cusson U.D., Stanley U.D., Lanchester R.D.	486	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 4, Chester-le-Street U.D., Chester-le-Street R.D.	443	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 5, Bishop Auckland U.D., Wharton U.D., Hartburn R.D., Wheatfield R.D.	219	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 6, Croxall & Willington U.D., Ewam U.D., Wealdale R.D.	343	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 7, Durham M.B., Almondburghs U.D., Durham R.D.	223	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 8, Seaham U.D., Eastington R.D.	898	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 9, Burnard Castle U.D., Burnard Castle R.D.	79	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 10, Bishop Auckland U.D., Shotton U.D., Spenborough U.D.	413	13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 11, Hartlepool M.B., Billingham U.D., Darlington R.D., Sedburgh & Dy., Stockton R.D.	183	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Area No. 12, Stockton M.B.	831	16	3	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
ADMINISTRATIVE COUNTY	10949	300	39	65	51	18	15	88	27	31	65	84	473	2743	253	416	3	4	279	416	67	98	4	129	23	161	8	122	192	21	5	24	9	16	1000	32	6	2	98	706	299	285	433	3	34	7	760	768	3826	297



DEATHS AT CERTAIN

District	Males	Females	Total	Deaths at Suburbs		
				1890	1891	1892
1. U.D.	161	171	332	1	1	1
2. U.D.	161	171	332	1	1	1
3. U.D.	161	171	332	1	1	1
4. U.D.	161	171	332	1	1	1
5. U.D.	161	171	332	1	1	1
6. U.D.	161	171	332	1	1	1
7. U.D.	161	171	332	1	1	1
8. U.D.	161	171	332	1	1	1
9. U.D.	161	171	332	1	1	1
10. U.D.	161	171	332	1	1	1
11. U.D.	161	171	332	1	1	1
12. U.D.	161	171	332	1	1	1
13. U.D.	161	171	332	1	1	1
14. U.D.	161	171	332	1	1	1
15. U.D.	161	171	332	1	1	1
16. U.D.	161	171	332	1	1	1
17. U.D.	161	171	332	1	1	1
18. U.D.	161	171	332	1	1	1
19. U.D.	161	171	332	1	1	1
20. U.D.	161	171	332	1	1	1
21. U.D.	161	171	332	1	1	1
22. U.D.	161	171	332	1	1	1
23. U.D.	161	171	332	1	1	1
24. U.D.	161	171	332	1	1	1
25. U.D.	161	171	332	1	1	1
26. U.D.	161	171	332	1	1	1
27. U.D.	161	171	332	1	1	1
28. U.D.	161	171	332	1	1	1
29. U.D.	161	171	332	1	1	1
30. U.D.	161	171	332	1	1	1
31. U.D.	161	171	332	1	1	1
32. U.D.	161	171	332	1	1	1
33. U.D.	161	171	332	1	1	1
34. U.D.	161	171	332	1	1	1
35. U.D.	161	171	332	1	1	1
36. U.D.	161	171	332	1	1	1
37. U.D.	161	171	332	1	1	1
38. U.D.	161	171	332	1	1	1
39. U.D.	161	171	332	1	1	1
40. U.D.	161	171	332	1	1	1
41. U.D.	161	171	332	1	1	1
42. U.D.	161	171	332	1	1	1
43. U.D.	161	171	332	1	1	1
44. U.D.	161	171	332	1	1	1
45. U.D.	161	171	332	1	1	1
46. U.D.	161	171	332	1	1	1
47. U.D.	161	171	332	1	1	1
48. U.D.	161	171	332	1	1	1
49. U.D.	161	171	332	1	1	1
50. U.D.	161	171	332	1	1	1
51. U.D.	161	171	332	1	1	1
52. U.D.	161	171	332	1	1	1
53. U.D.	161	171	332	1	1	1
54. U.D.	161	171	332	1	1	1
55. U.D.	161	171	332	1	1	1
56. U.D.	161	171	332	1	1	1
57. U.D.	161	171	332	1	1	1
58. U.D.	161	171	332	1	1	1
59. U.D.	161	171	332	1	1	1
60. U.D.	161	171	332	1	1	1
61. U.D.	161	171	332	1	1	1
62. U.D.	161	171	332	1	1	1
63. U.D.	161	171	332	1	1	1
64. U.D.	161	171	332	1	1	1
65. U.D.	161	171	332	1	1	1
66. U.D.	161	171	332	1	1	1
67. U.D.	161	171	332	1	1	1
68. U.D.	161	171	332	1	1	1
69. U.D.	161	171	332	1	1	1
70. U.D.	161	171	332	1	1	1
71. U.D.	161	171	332	1	1	1
72. U.D.	161	171	332	1	1	1
73. U.D.	161	171	332	1	1	1
74. U.D.	161	171	332	1	1	1
75. U.D.	161	171	332	1	1	1
76. U.D.	161	171	332	1	1	1
77. U.D.	161	171	332	1	1	1
78. U.D.	161	171	332	1	1	1
79. U.D.	161	171	332	1	1	1
80. U.D.	161	171	332	1	1	1
81. U.D.	161	171	332	1	1	1
82. U.D.	161	171	332	1	1	1
83. U.D.	161	171	332	1	1	1
84. U.D.	161	171	332	1	1	1
85. U.D.	161	171	332	1	1	1
86. U.D.	161	171	332	1	1	1
87. U.D.	161	171	332	1	1	1
88. U.D.	161	171	332	1	1	1
89. U.D.	161	171	332	1	1	1
90. U.D.	161	171	332	1	1	1
91. U.D.	161	171	332	1	1	1
92. U.D.	161	171	332	1	1	1
93. U.D.	161	171	332	1	1	1
94. U.D.	161	171	332	1	1	1
95. U.D.	161	171	332	1	1	1
96. U.D.	161	171	332	1	1	1
97. U.D.	161	171	332	1	1	1
98. U.D.	161	171	332	1	1	1
99. U.D.	161	171	332	1	1	1
100. U.D.	161	171	332	1	1	1







TABLE E.  
Comparative Vital Statistics, Administrative County of Durham and England and Wales, 1960.

	Rates per 1,000 Population.										Rates per 1,000 Live Births.	Rates per 1,000 Total (Live and Still) Births.		
	Live Births	Still Births	DEATHS										Under one year—all causes	Enteritis AND Diarrhoea Under 2 years
			All Causes	Typhoid and Para-Typhoid	Whooping Cough	Diphtheria	Tuberculosis	Influenza	Acute Poliomyelitis	Pneumonia				
DURHAM COUNTY	18.5	0.44	11.5	—	—	—	0.10	0.04	—	0.61	28	1.51	0.44	
*ENGLAND & WALES	17.1	0.35	11.5	0.00	0.00	0.00	0.07	0.02	0.00	0.55	21.9	†	0.39	

\* Provisional

† Not available.

Maternal Mortality



