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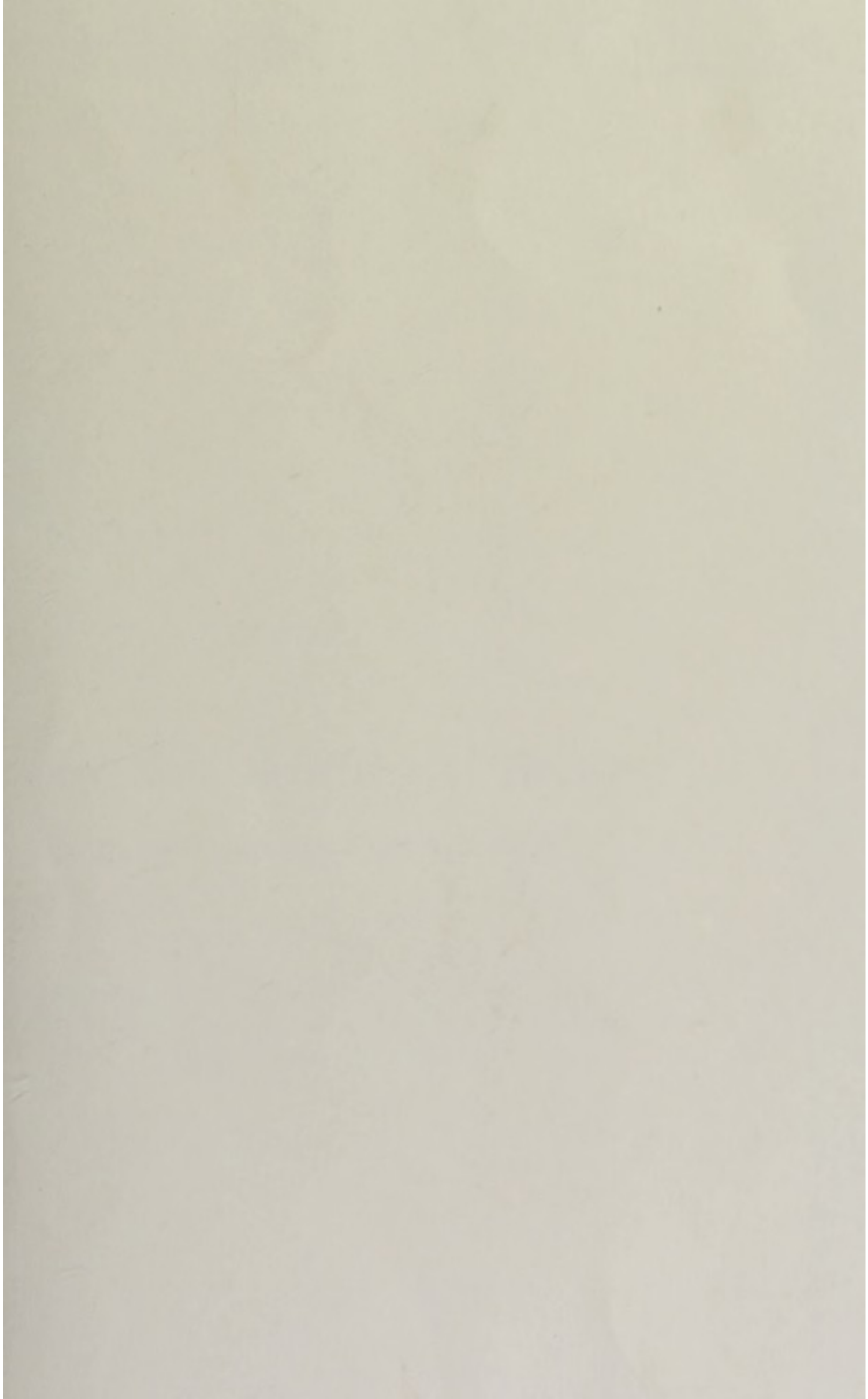
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**REPORT**  
OF THE  
**County Medical Officer of Health**

For the Year ending December 31st, 1949.

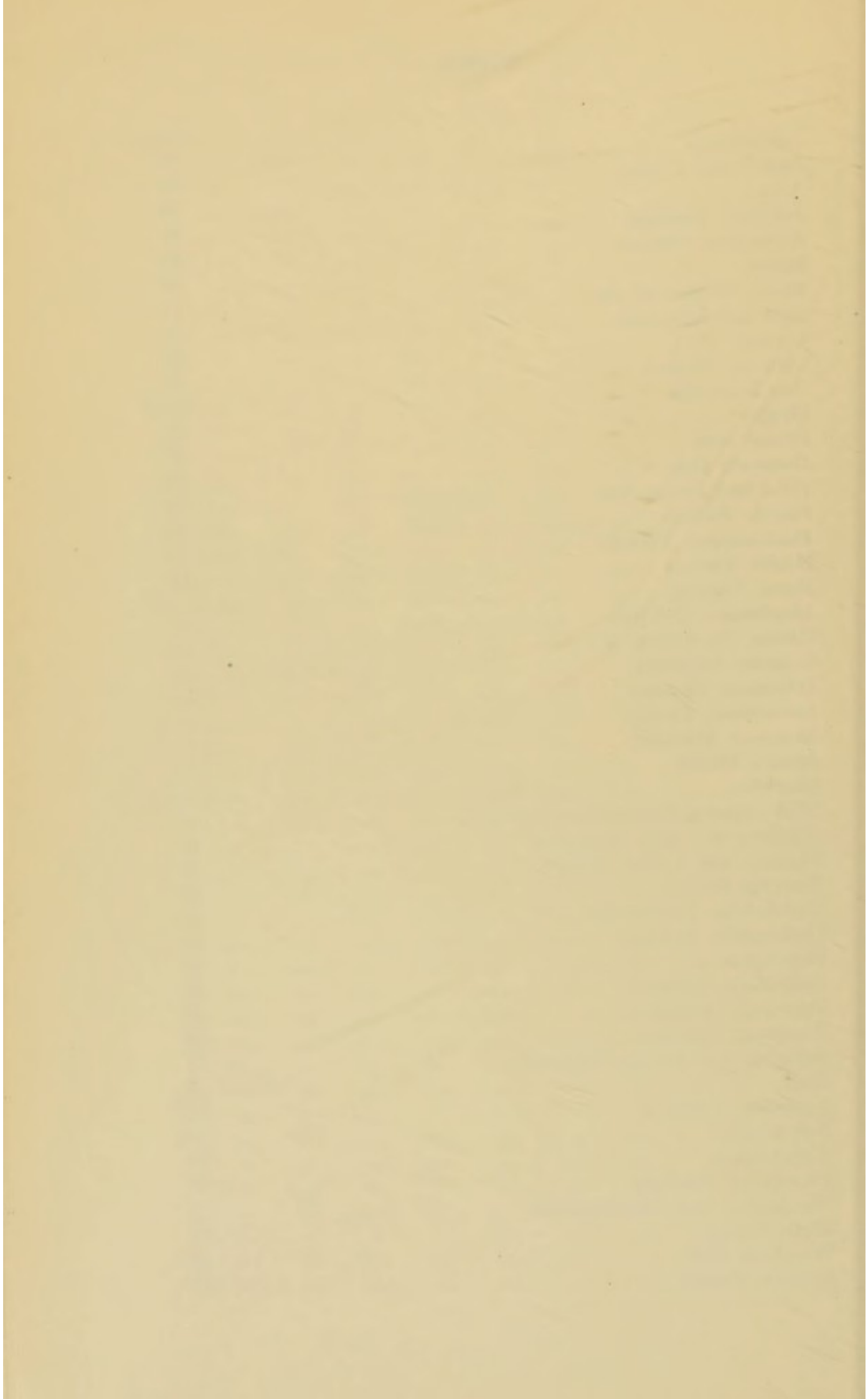
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*To the County Health Committee of the County Council  
of the County Palatine of Chester and to the Members  
of the County Council.*

County Medical Officer of Health

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# INTRODUCTION

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*To the Chairman and Members  
of the County Health Committee.*

Mr. Chairman, Ladies and Gentlemen.

I have the honour to present my Annual Report dealing with the Health Services in the administrative County of Cheshire for the year 1949.

The crude birth rate shows a further decline to 15.6 per thousand population. The death rate has slightly increased from the figure of 11.0 in 1948 to 11.8 per thousand population. It will be noted with considerable satisfaction that the infantile mortality for the first time on record has fallen below 30 per thousand live births, and that the number of children notified as suffering from non-pulmonary tuberculosis during the year was 73, another low record. There were 266 deaths from tuberculosis in the County (0.33 per thousand population) which is the lowest figure ever known in Cheshire.

After the sweeping changes which took place in 1948 in the work of the County Health Department as a result of the coming into force of the National Health Service Act and the National Assistance Act, the year under review has been one of consolidation. Much time has been spent on formulating administrative regulations and routines in order that problems arising in the various new services can be dealt with expeditiously, and a County policy adopted sufficiently flexible to allow a proper scope for the individualities of Divisional Committees and their Officers. There are, therefore, few outstanding developments to report.

Much attention has been given to the formulation of a building programme of Clinic Centres and houses for nursing staff, and proposals eventually were adopted by the County Health Committee and submitted to the Minister, which, when carried out, will ensure more adequate buildings for the work of preventive medicine in the County. Through the wholehearted co-operation of the County Architect, model plans have been drawn which, with only a few minor alterations of details, will serve for all kinds of Clinic Centres and houses. The rapidly expanding population of the Mid-Cheshire area provoked a series of discussions as to the advisability of erecting a Health Centre at Weaverham under Section 21 of the National Health Service Act. The decision was eventually reached that it would be unlikely that such a scheme at the present time would be sufficiently supported as to make it worth while.

The vacancies for Divisional Medical Officers' posts were all filled during the year by full-time medical men, who are also Medical Officers of Health for the County districts comprising the Divisions. There are now only two small Urban Districts in the County where the Medical Officer of Health is not engaged full-time in the preventive Health Services.

Following the County Health Committee's policy of providing Child Welfare Centres readily accessible for the rural population, additional Welfare Centres were opened at Antrobus, Barrow, Broadbottom, Farndon, Holmes Chapel, Tarvin and Tattenhall, and a branch Welfare Centre was opened in the Borough of Sale.

The proper and economical working of the Ambulance Service gave rise to much thought and discussion, and while individual cases of abuse do arise from time to time, it is felt that with continued co-operation of General Practitioners and Hospitals proper use is now being made of the County Ambulance and Transport Services.

The Ministry of Health ruled that Wrenbury Hall should form a part of the County Council's services for the rehabilitation and after-care of persons suffering from pulmonary tuberculosis. Bearing in mind the great need for replacement of existing temporary buildings at Wrenbury by a permanent structure, plans were prepared for the erection of an additional large hostel and for further cottages for colonists. It is very much to be regretted that up to the moment of writing the Minister has not found himself able to allow the County Council to proceed with the erection of these very essential buildings.

There is still considerable difficulty in obtaining places for mental defective children and adults who are in need of institutional accommodation.

Mention must be made of the considerable amount of work which is being done by the various Rural District Councils in connection with the extension of piped water supplies and the planning of new schemes of sewerage and sewage disposal. It is much to be regretted that owing to national economic difficulties and shortages, the work of carrying out these schemes cannot proceed as rapidly as the Rural District Councils would desire.

From 1st October the County Health Department relinquished its control of the licensing of farms for the production of Accredited and Tuberculin Tested milk. Instead the Department is now responsible for the licensing and control of milk pasteurising and sterilising establishments.

My grateful thanks are due to the Chairman and Members of the County Health Committee and of the Divisional Health Committees for their support and help to me on all occasions.

A very happy co-operation has been established with both the County Children's Officer and the County Planning Officer, and I wish to express appreciation of the work they have done on behalf of the County Health Department.

I also express my sincere thanks to the Clerk of the County Council, the Heads of the various County Departments, the Divisional Medical Officers and the Staff of the County Health Department, Professional, Administrative and Clerical, for their help and the good feeling which they have shown throughout the year.

I beg to remain,

Your obedient servant,

ARNOLD BROWN

16th November, 1950.

## Staff of the Public Health Department

---

County Medical Officer of Health and Chief School Medical Officer.	Arnold Brown, M.B., Ch.B., D.P.H.
Deputy County Medical Officer of Health	B. G. Gretton-Watson, M.A., M.B., B.Ch., D.P.H.
Senior Assistant Medical Officer for Maternity and Child Welfare	B. M. Butters, M.A., M.B., Ch. B., D.P.H.
Senior Assistant School Medical Officer	H. Craig, L.R.C.P. & S., L.R.F.P.S.
Assistant County Medical Officers	J. G. Bennett, M.D., Ch.B. R. A. Blyth, M.B., Ch.B. Ena Cant, M.B., Ch.B. R. Cargill, M.B., Ch.B. R. J. Clark, M.B., Ch.B., D.P.H. Jennie Craig, M.B., Ch.B., D.P.H. Aitolia English, M.R.C.S., L.R.C.P., M.B., B.S., D.C.H. J. S. B. Forde, M.R.C.S., L.R.C.P. Christina Laing, M.B., Ch.B., D.P.H. Alta Stout, M.B., Ch.B. Jessie Tough, M.B., Ch.B., D.P.H. Gladys Wilkinson, M.R.C.S., L.R.C.P.
Divisional Medical Officers—	
<i>Altrincham</i>	D. Longbottom, M.B., Ch.B., D.P.H.
<i>Bebington</i>	D. O. Macdonald, M.B., Ch.B., D.P.H.
<i>Cheadle and Wilmslow</i>	D. G. Anderson, M.B., Ch.B., D.P.H.
<i>Crewe</i>	J. D. Ingram, M.D., D.P.H., D.M.R.E.
<i>Deeside</i>	J. Hatton, M.D., D.P.H.
<i>Ellesmere Port</i>	W. J. Birchall, M.B., M.R.C.S., L.R.C.P., D.P.H.
<i>Hyde</i>	F. W. C. Brown, M.D., D.P.H.
<i>Macclesfield</i>	H. R. Dugdale, M.B., Ch.B., D.P.H.
<i>Mid-Cheshire</i>	W. S. Slater, M.B., M.R.C.S., D.P.H.
<i>Nantwich</i>	A. L. Thorburn, M.D., B.A.O., D.P.H.
<i>N. E. Cheshire</i>	C. G. K. Thompson, M.B., Ch.B., D.P.H.
<i>Runcorn</i>	E. N. H. Gray, L.R.C.P. & S., L.M., D.P.H.
<i>Sale and Lymm</i>	A. T. Burn, M.B., B.S., D.P.H.
<i>S.E. Cheshire</i>	C. D. Cormac, M.B., Ch.B., D.P.H.
<i>Stalybridge and Dukinfield</i>	T. Holme, M.B., Ch.B., D.P.H.
County Analyst	S. Ernest Melling, F.I.C.

## Dental Surgeons

H. R. Parry, L.D.S. (Senior).  
 E. J. Bermingham, L.D.S.  
 E. Bradley, L.D.S.  
 H. Foulkes, L.D.S., R.C.S. (Eng.).  
 E. C. Griffin, L.D.S.  
 A. F. Hely, L.D.S.  
 R. H. Hurst, L.D.S.  
 H. Jackson, L.D.S.  
 Betty Jacques, L.D.S.  
 Lisbeth Kippen, L.D.S., D.P.D.  
 A. N. Leicester, B.D.S.  
 H. Lipkin, L.D.S.  
 Muriel Manwood, L.D.S. (pt.-time).  
 H. P. Meek, L.D.S.  
 E. S. Poulter L.D.S.  
 H. W. S. Sheasby, L.D.S.  
 Pamela Sturgess L.D.S. (pt.-time)  
 A. F. Vernon, L.D.S., R.C.S.  
 Dorothy Walker, L.D.S.

Ophthalmic Surgeons  
(Part-time)

P. J. Devlin, M.B., Ch.B., D.O.M.S.  
 A. Holmes-Smith, M.A., M.B., B.Chir.,  
 D.O.M.S.  
 C. Jacobs, M.D., M.B., B.S.  
 W. E. Lawson, M.B., Ch.B., D.P.H.

Orthopaedic Surgeons  
(Part-time)

S. O. Domhnaill, M.B., Ch.B., B.A.O.  
 T. Jackson, M.R.C.S., L.R.C.P.  
 J. L. Mangan, F.R.C.S.I.  
 H. Poston, M.B., B.Ch., B.A.O.  
 R. Roaf, M.A., F.R.C.S.  
 J. B. L. Taylor, M.B., B.Ch.  
 M. E. Winston, F.R.C.S.

## Paediatricians (Part-time)

J. D. Allan, M.D., F.R.C.P.  
 T. E. D. Beavan, M.R.C.P., L.D.S.

Ear, Nose and Throat  
Surgeons (Part-time)

E. M. Innes, F.R.C.S., D.L.O.  
 A. W. McCay, F.R.C.S.  
 G. A. Moulden, M.B., Ch.B., D.L.O.

Chest Physicians  
(Part-time)

D. L. Caldwell, M.A., M.R.C.P.  
 A. Fleming, M.B., Ch.B.  
 G. Fletcher, M.A., M.R.C.P.  
 A. C. C. Hughes, B.A., M.R.C.P.  
 E. R. Smith, M.D.  
 D. W. C. Tough, M.B., Ch.B.  
 R. M. White, M.B., Ch.B.

## Chief Administrative Assistant

V. O'Connor.

## County Sanitary Officer

F. Humphries.

## Supt. Authorised Officer

J. Danby.

## Superintendent of Home Nursing

Miss H. Wakefield.

## Assistant Supervisor of Midwives

Miss F. Jenkins.

## HEALTH VISITORS & SCHOOL NURSES (103)

(For districts in italics, school health work is not done, and for districts in small capitals, only school health work is done, by those named opposite).

	CIVIL PARISHES	CENTRES & CLINICS
<b>DISTRICT No. 1a.</b> J. Briscoe, 8, Market Street, Hoylake (Tel. Hoylake 2322)	Hoylake-cum-West Kirby (North & Central Wards)	Welfare Centre, 8, Market Street, Hoylake <i>Thurs. p.m.</i> M.A. Clinic, 8, Market Street, Hoylake <i>Mon.—Fri. a.m.</i> Eye Clinic, 8, Market Street, Hoylake <i>3rd Fri. p.m.</i> Ante-Natal Clinic, 8, Market Street, Hoylake <i>Tues. a.m.</i>
<b>DISTRICT No. 1b.</b> D. Christian, 87, Palm Grove, Oxton, Birkenhead (Tel. Birkenhead 4702)	Grange Hoylake-cum-West Kirby (Park & South Wards)	Welfare Centre, Parish Hall, West Kirby <i>Fri. p.m.</i> Ante-Natal Clinic, British Legion Hall <i>Thurs. a.m.</i> Ante-Natal Clinic, 8, Market Street, Hoylake <i>Tues. a.m.</i>
<b>DISTRICT No. 2a.</b> V. R. Blades,* 17, Leighton Road, Tranmere, Birkenhead (Tel. Birk. 1839)		Welfare Centre, Plymyard, Eastham <i>Mon. p.m.</i> (Tel. Eastham 1336) Welfare Centre, Victoria Hall, Hr. Bebington <i>Tues. p.m.</i> (Tel. R. F. 1527) Welfare Centre, New Ferry Park, <i>Wed. p.m.</i> (Tel. R. F. 1143) Welfare Centre, Council Offices, Bromborough <i>Thurs. p.m.</i> (Tel. Brom. 102) Welfare Centre, Mayer Hall, Bebington <i>Fri. p.m.</i> (Tel. R. F. 1440) Ante and Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i>
B. Shepherd* 14a, Mill Bank Road, Wallasey (Tel. Wall. 1060)	Bebington M.B. (Woodhey & Hr. Bebington Wards)	M.A. Clinic, St. Mark's Parish Room, <i>Mon., Wed., Thurs. Fri. p.m.</i> New Ferry (Tel. R. F. 1213) Welfare Centre, Victoria Hall, Hr. Bebington <i>Tues. p.m.</i>
E. Symes,* 5, Seaton Road, Birkenhead (Tel. Birk. 4005)	Bebington M.B. (Poulton Ward)	Ante and Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i> Welfare Centre, Women's Institute, Thornton <i>Alt. Fri. p.m.</i> Hough
E. Nicholson,* Rotherwood (Flat 6), Mill Road, Hr. Bebington (Tel. Rock Ferry 2240)	Bebington M.B. (Bebington & Sunlight Wards)	Ante & Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i> Welfare Centre, Mayer Hall, Bebington <i>Fri. p.m.</i>
H. Deavall,* 171, Victoria Road, Wallasey (Tel. Wall. 266)	Bebington M.B. (Eastham Ward)	Ante & Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i> Welfare Centre, Plymyard, Eastham <i>Mon. p.m.</i> M.A. Clinic, Council Offices, Bromborough <i>1st Tues. a.m.</i>
R. Abraham,* 21, Rock Park, Rock Ferry (Tel. R.F. 728)	Bebington M.B. (N. & S. Bromborough Wards)	Ante & Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i> Welfare Centre, Council Offices, Bromborough <i>Thurs. p.m.</i>
E. Wright* 539, Old Chester Road, Birkenhead	Bebington M.B. (Park & New Ferry Wards)	Ante & Post Natal Clinic, New Ferry Park <i>Mon. &amp; Fri. a.m.</i> Welfare Centre, New Ferry Park <i>Wed. p.m.</i>
D. Bushell† 6, Brelade Road, Liverpool, 13.	†Visits Schools in Bebington M.B.	

\*These Health Visitors also attend on rota the five other clinics listed opposite.

Eye Clinic, New Ferry Park  
*3rd Sat. a.m.*  
Eye Clinic, St. Mark's Parish Room, New Ferry  
*Fri. a.m.*  
E.N.T. Clinic, New Ferry Park  
*Monthly Thurs. p.m. or Sat. a.m.*  
Sun-Ray Clinic, New Ferry Park  
*Tues. & Fri. p.m.*  
Toddlers' Centre, New Ferry Park  
*2nd Thurs. p.m.*



	CIVIL PARISHES	CENTRES, CLINICS & DISPENSARIES	
<b>DISTRICT No. 3b—Cont.</b> D. Toft, The Oaks Lodge, Upton, Chester (Tel. Chester 236381)	Aldford Buerton Chester Castle Christleton Churton Heath Claverton Dodleston Eaton Eccleston Golborne Bellow Golborne David Great Boughton	Handley Huntington Kinnerton Lea Newbold Littleton Marlston Newton-by-T'hal Poulton Pulford Rowton Saughton Tattenhall	Welfare Centre, Barbour Institute, Tattenhall <i>2nd &amp; 4th Mon. p.m.</i> Welfare Centre, 55, Hoole Road, Chester <i>2nd &amp; 4th Wed. p.m.</i> M.A. Clinic, Barbour Institute, Tattenhall <i>1st, 3rd &amp; 5th Wed. p.m. 2nd &amp; 4th Wed. a.m.</i>
<b>DISTRICT No. 4a</b> B. Jackson, 24, Greenbank Road, Hoole, Chester	Hoole U.D.	Hoole Village	Welfare Centre, 55, Hoole Road, Chester <i>Tues., 1st Thurs. Chester 22299</i> M.A. Clinic, 55, Hoole Road, Chester <i>Mon.—Fri. a.m.</i> Ante and Post Natal Clinic, 55, Hoole Road, <i>2nd &amp; 4th Thurs. p.m.</i> Eye Clinic, 55, Hoole Road, Chester <i>1st Fri. p.m.</i>
<b>DISTRICT No. 4b.</b> L. Scully, 110, Brook Lane, Newton, Chester	Bache Backford Barrow Bridge Trafford Caughall Chorlton-by- Backford Croughton Dunham-on- the-Hill Guilden Sutton	Hapsford Lea-by-Backford Mickle Trafford Mollington Moston Picton Saughall Shotwick Park Upton Wervin Wimbolds Trafford	Welfare Centre, Village Hall, Upton <i>Thurs. p.m.</i> Welfare Centre, Vernon Institute, Saughall <i>1st, 3rd &amp; 5th Mon. p.m.</i> Welfare Centre, Village Hall, Barrow <i>1st &amp; 3rd Wed. p.m.</i>
<b>DISTRICT No. 5</b> M. Gourlay, 2, Grosvenor Road, Tarvin, Chester (Tel. Tarvin 345)	Ashton Beeston Bruen Stapleford Burton-by-Tarvin Clotton Hoofield Cotton Abbots Cotton Edmunds Delamere Duddon Eaton Foulk Stapleford Hatton Hockenhull Horton-cum-Peel	Huxley Iddinshall Kelsall Mouldsworth Pryor's Heys Rushton Tarporley Tarvin Tilstone Fearnall Tiverton Utkinton Waverton Willington	Welfare Centre, Victory Hall, Tarporley. <i>2nd &amp; 4th Thurs. p.m.</i> Welfare Centre, Parish Hall, Kelsall <i>1st &amp; 3rd Tues. p.m.</i> M.A. Clinic, Victory Hall, Tarporley. <i>Fri. a.m.</i> Welfare Centre, Radcliffe's Hut, Tarvin <i>2nd &amp; 4th Wed. p.m.</i> Eye Clinic, Victory Hall, Tarporley <i>2nd Fri. p.m.</i>
<b>DISTRICT No. 6</b> J. Bitten Bellevue Farm, Malpas	Agden Aldersey Barton Bickerton Bickley Bradley Broxton Burwardsley Caldecott Carden Chidlow Chorlton Chowley Church Shocklach Churton-by-Alfd Malpas Ch'rtion-by-F'don Clutton Coddington	Crewe Cuddington Duckington Edge Edgerley Egerton Farndon Grafton Hampton Harthill Horton Kings Marsh Larkton Macefen Newton-by- Malpas Oldcastle	Welfare Centre, Parish Hall, Malpas <i>1st &amp; 3rd Mon. p.m.</i> M.A. Clinic, Jubilee Hall, Malpas <i>Thurs. p.m.</i> Welfare Centre, Memorial Hall, Farndon <i>1st &amp; 3rd Tues. p.m.</i>  Overton Shocklach Oviatt Stockton Stretton Threapwood
<b>DISTRICT No. 7a.</b> H. K. Coventry, 11, Weston Crescent, Runcorn  E. Briers, 17, Cornwall Avenue, Runcorn	Runcorn U.D. (Mersey and Halton Wards)  Runcorn U.D. (Weston Ward)		Welfare Centre, 29, High Street, Runcorn <i>Wed. a.m.</i> (Tel. Runcorn 2449) Ante and Post Natal Clinic, 29, High Street, <i>Thurs. a.m.</i> Runcorn  Welfare Centre, 29, High Street, Runcorn <i>Wed. a.m. &amp; p.m.</i> M. A. Clinic, 29, High Street, Runcorn <i>Thurs. p.m.</i> Eye Clinic, 29, High Street, Runcorn <i>4th Tues. p.m.</i>

## CIVIL PARISHES

## CENTRES &amp; CLINICS

<b>DISTRICT No. 7a.—Cont.</b> M. Hopkins, 27, Halegate Road, Widnes.	Runcorn U.D. (Bridgewater and Central Wards)		Welfare Centre, 29, High Street, Runcorn <i>Wed. a.m.</i> M.A. Clinic, 29, High Street, Runcorn <i>Tues. a.m., Fri. a.m. &amp; p.m.</i> Paediatric Clinic, Memorial Hospital, Runcorn <i>2nd &amp; 4th Thurs. a.m.</i>
	B. Weatherell, 10, Stanley Villas, Runcorn	Runcorn U.D., (Newton & Heath Wards)	Welfare Centre, 29, High Street, Runcorn <i>Wed. p.m. &amp; 1st Mon. a.m.</i> M.A. Clinic, 29, High Street, Runcorn <i>Mon. p.m.</i> Ante- & Post-Natal Clinic, 29, High Street, <i>Thurs. a.m.</i> Runcorn Eye Clinic, 29, High Street, Runcorn <i>1st, 2nd, 3rd &amp; 5th Tues. p.m.</i>
<b>DISTRICT 7b.</b> S. E. Robinson, 23, Weston C escent, Runcorn	Aston Daresbury Dutton Halton Hatton Moore	Norton Preston Brook Sutton Walton Whitley	Welfare Centre, Trinity Church House, <i>Alt. Tues. p.m.</i> Frodsham
<b>DISTRICT No. 8.</b> B. Bird, The Bungalow, Chester Road, Sutton Weaver, Warrington	Alvanley Frodsham Helsby	Kingsley Manley Norley	M.A. Clinic, Trinity Church House, <i>Thurs. p.m.</i> Frodsham Welfare Centre, Trinity Church House, <i>Alt. Tues. p.m.</i> Frodsham Eye Clinic, Trinity Church House, Frodsham <i>Four-weekly Tues. a.m.</i> E.N.T. Clinic, Trinity Church House, Frod- <i>Even months 1st Mon. a.m.</i> sham Welfare Centre, Cable Works, Helsby <i>Alt. Tues. p.m.</i>
(Tel. Aston Runcorn 221)			
<b>DISTRICT No. 9</b> W. Kidd, Parkfield, Middlewich Road, Northwich	Acton Anderton Barnton Comberbach Crowton	Great Budworth Little Leigh Marbury Weaverham	Welfare Centre, Parish Hall, Weaverham <i>Alt. Tues. p.m.</i> Welfare Centre, Parkfield, Middlewich Road, <i>Thurs. p.m.</i> Northwich M.A. Clinic, Methodist Church, Barnton <i>Wed. a.m.</i> Welfare Centre, Meth. Church, Barnton <i>2nd &amp; 4th Wed.</i> M.A. Clinic, Council School, Weaverham <i>Fri. a.m.</i> Welfare Centre Parish Hall, Comberbach <i>1st &amp; 3rd Fri. p.m.</i>
(Tel. Northwich 2186)			
<b>DISTRICT No. 10.</b> E. Grogan, Darland House, Winnington Hill, Northwich	Allostock Aston-by-Bud'th Bexton, Goostrey Lostock Gramam Marston Mere Nether Peover Ollerton	Peover Inferior Peover Superior Pickmere Plumley Tabley Inferior Tabley Superior Toft Wincham	Welfare Centre, The Institute, Lower Peover, <i>2nd &amp; 4th Mon. p.m.</i> Welfare Centre, Parish Room, Over Peover <i>1st &amp; 3rd Mon. p.m.</i> Eye Clinic, Parkfield, Northwich <i>1st &amp; 3rd Fri. a.m.</i> E.N.T. Clinic, Parkfield, Northwich <i>2nd Fri. a.m.</i>
(Tel. Northwich 4643)			
H. Robinson	Knutsford U.D.		Welfare Centre, Mission Hall, Adams Hill, <i>2nd &amp; 4th Wed. p.m.</i> Knutsford M.A. Clinic, Mission, Hall, Adams Hill, <i>Wed. a.m.</i> Knutsford
<b>DISTRICT No 11.</b> A. McDonald, Parkfield, Middlewich Road, Northwich.	Northwich U.D. (Witton and Northwich Wards)		Welfare Centre, Darland House, Northwich <i>Tues p.m.</i> Ante-Natal Clinic, Parkfield, Northwich <i>Mon. p.m.</i> Welfare Centre, Parkfield, Northwich <i>Thurs. p.m.</i>
	Northwich U.D. (Castle and Winnington Wards)		M.A. Clinic, Darland House, Northwich <i>Tues. &amp; Fri. a.m.</i> Ante-Natal Clinic, Parkfield, Northwich <i>Mon. p.m.</i> Welfare Centre, Darland House Northwich <i>Tues. p.m.</i>

	CIVIL PARISHES	CENTRES & CLINICS
<b>DISTRICT No. 12</b> E. Hayes, Parkfield, Middlewich Road, Northwich	Cuddington Hartford Lach Dennis	Rudheath Whatcroft
		M.A. Clinic, Parkfield, Northwich <i>Mon., Wed., Fri. &amp; 4th Thurs. a.m.</i> Welfare Centre, Parkfield, Northwich <i>Thurs. p.m.</i> Welfare Centre, Meth. Chapel, Hartford <i>2nd &amp; 4th Tues. p.m.</i> Ante-Natal Clinic, Parkfield, Northwich <i>Mon. p.m.</i> Welfare Centre, Church Hall, Sandiway <i>1st &amp; 3rd Tues. p.m.</i>
<b>DISTRICT No. 13a</b> G. W. Johnson, Highfield, Swanlow Lane, Winsford	Winsford U.D. (Vale Royal & Wharton Wards) Darnhall Davenham Little Budworth Oakmere	Marton Moulton
		Welfare Centre, 98, Weaver Street, Winsford <i>Fri. &amp; 1st Thurs. p.m.</i> (Tel. Winsford 2387) Welfare Centre, Church Hall, Moulton <i>3rd Wed. p.m.</i> Welfare Centre, Methodist Church, Davenham <i>1st Mon. p.m.</i> Eye Clinic, 98, Weaver Street, Winsford <i>1st &amp; 3rd Tues. a.m.</i>
<b>DISTRICT No. 13b</b> M. A. Cowley, Field View, Clive Lane Winsford	Winsford U.D. (Gravel, Over & Swanlow Wards)	
		Welfare Centre, 98, Weaver Street, Winsford <i>Fri. &amp; 1st Thurs. p.m.</i> M.A. Clinic, 98, Weaver Street, Winsford <i>Mon. p.m. Wed. &amp; Fri. a.m.</i> E.N.T. Clinic, 98, Weaver Street, Winsford <i>2nd Mon. a.m.</i>
<b>DISTRICT No. 14.</b> D. Parkinson, 55, Wheelock Street, Middlewich (Tel. Midd. 165)	Middlewich U.D. Bostock Byley Church Hulme Cranage	Sproston Stanthorne Tetton Wimboldsley
		Welfare Centre, 55, Wheelock Street, Middlewich <i>Mon. p.m.</i> M.A. Clinic, 55, Wheelock Street, Middlewich <i>Mon. a.m., Wed. and Fri. p.m.</i> Eye Clinic, 55, Wheelock Street, Middlewich <i>3rd Tues. p.m.</i> E.N.T. Clinic, 55, Wheelock Street, Middlewich <i>Even months 4th Thurs. a.m.</i> Welfare Centre, Mothers' Union Hut, Holmes Chapel <i>2nd &amp; 4th Tues. p.m.</i>
<b>DISTRICT No. 15.</b>	Nantwich U.D. (Barony, Wellington and Willaston Wards) Alraham Aston Calveley Cholmondeston Church Minshull Henhull	Leighton Minshull Vernon Poole Wardle Warmingham Wettenhall Woolstanwood Worleston
		Welfare Centre, The Dowery, Nantwich <i>Thurs. p.m.</i> M.A. Clinic, The Dowery, Nantwich <i>Mon.—Fri. a.m.</i> Eye Clinic, The Dowery, Nantwich <i>1st &amp; 3rd Fri. p.m.</i>
<b>DISTRICT No. 16a</b> F. G. Kirkham, 6, Nixon's Row, Nantwich	Nantwich U.D. (Weaver Ward) Acton Austerson Baddiley Baddington Batherton Brindley Broomhall Bulkeley Bunbury Burland Cholmondeley Chorley Coole Pilate	Edleston Faddiley Haughton Hurleston Marbury Norbury Peckforton Ridley Sound Spurstow Stapeley Stoke Wirswall Woodcott Wrenbury
		Welfare Centre, The Dowery, Nantwich <i>Thurs. p.m.</i>
<b>DISTRICT No. 16b.</b> D. Griffiths, The Gables, Audlem, Crewe	Audlem Basford Blakenhall Bridgemere Buerton Checkley-cum- Wrinehill Chorlton Dodcott-cum- Wilkesley	Doddington Hankelow Hatherton Hough Hunsterson Lea Newhall Rope Shavington Walgherton Weston Wybunbury
		Welfare Centre, Wesleyan Chapel, Audlem <i>1st and 3rd Tues. p.m.</i> Welfare Centre, Church Hall, Shavington <i>2nd &amp; 4th Tues.</i>

	CIVIL PARISHES		CENTRES & CLINICS
<b>DISTRICT No. 17a</b> P. Percival, 3, Newton Terrace, St. Anne's Road, Middlewich	Barthomley Church Lawton	Crewe (Rural) Haslington Odd Rode	Welfare Centre, Yoxall Institute, Haslington <i>Alt. Tues. p.m.</i> Welfare Centre, Parish Hall, Odd Rode <i>2nd &amp; 4th Wed. p.m.</i> Welfare Centre, Methodist Sunday School, <i>1st &amp; 3rd Wed. p.m.</i> Mow Cop Welfare Centre, The Institute, Rode Heath <i>1st &amp; 3rd Mon. p.m.</i>
<b>DISTRICT No. 17b</b> E. Wilson,* 579, West Street, Crewe R. Walch,* Clifford House, Park Road, Willaston, Nantwich L. M. D. Flowers,§ Tall Chimneys, Sandbach E. Broom,§ 10, Clifton Avenue, Crewe J. S. Reid,§ 48, Catherine Street, Crewe	Crewe M.B. (South District) Crewe M.B. (Central District) Willaston Wistaston Crewe M.B. (East District) Crewe M.B. (North Central District) Crewe M.B. (West & Coppenhall District)		Paediatric Clinic, Stalbridge Road, Crewe <i>1st Fri. p.m.</i> (Tel. Crewe 2450) Paediatric Clinic, Ludford Street, Crewe <i>3rd Fri. p.m.</i> (Tel. Crewe 2376) E.N.T. Clinic, Ludford Street, Crewe <i>3rd Fri. a.m.</i> Child Welfare Clinic, Ludford Street, Crewe <i>Thurs. p.m.</i> M.A. Clinic, Ludford Street, Crewe <i>Mon. &amp; Wed. a.m.</i> Ante & Post Natal Clinic, Ludford Street, <i>Wed. p.m.</i> Crewe Eye Clinic, Ludford Street, Crewe <i>Wed. a.m. &amp; p.m.</i> Child Welfare Clinic, Stalbridge Road, Crewe <i>Mon. p.m.</i> M.A. Clinic, Stalbridge Road, Crewe <i>Tues. a.m.</i>
*These Health Visitors also attend on rota the four other Clinics listed opposite.			
§These Health Visitors also attend on rota the two other Clinics listed opposite.			
<b>DISTRICT No. 17c.</b> M. Johnson, 68, Audley Road, Alsager, Stoke-on-Trent	Alsager U.D.		Welfare Centre, St. Mary's Sunday School, <i>Alt. Tues. p.m.</i> Alsager M.A. Clinic, 15, Centre Court, Alsager <i>Mon. &amp; Wed. a.m., Fri p.m.</i> E.N.T. Clinic, 15, Centre Court, Alsager <i>2nd Mon. p.m.</i> Eye Clinic, 15, Centre Court, Alsager <i>4th Fri. a.m.</i>
<b>DISTRICT No. 18a.</b> F. L. Govan, 29, Eagle Brow, Lymm, Warrington	Antrobus Appleton	Grappenhall Stretton	Welfare Centre, Methodist Sunday School, <i>Tues. p.m.</i> Grappenhall Welfare Centre, Parish Hall, Antrobus <i>1st &amp; 3rd Wed. p.m.</i>
<b>DISTRICT No. 18b.</b> M. Newbold, 37, Shaw Avenue, Warrington	Stockton Heath		Welfare Centre, 65, Whitefield Road, Stockton <i>Mon. p.m.</i> Heath (Tel. S.H. 925) M.A. Clinic, 65, Whitefield Road, Stockton <i>Thurs. a.m.</i> Heath E.N.T. Clinic, 65, Whitefield Road, Stockton <i>3rd Tues. a.m.</i> Heath Eye Clinic, 65, Whitefield Road, Stockton <i>Four-weekly, Tues. a.m.</i> Heath
<b>DISTRICT No. 19</b> D. E. Govan, 29 Eagle Brow, Lymm, Warrington (Tel. Lymm 277)	Lymm U.D. Carrington High Legh	Partington Warburton	Welfare Centre, 29, Eagle Brow, Lymm <i>Tues. p.m.</i> Welfare Centre, St. Mary's Institute, <i>1st &amp; 3rd Thurs p.m.</i> Partington M.A. Clinic, 29, Eagle Brow, Lymm <i>Mon.—Fri. a.m., 1st &amp; 3rd Wed. p.m.</i>
<b>DISTRICT No. 20.</b> E. Heywood,* 647, Altrincham Road, Northenden, Manchester	Sale M.B. (St. Martin's & Mersey Wards)		Welfare Centre, 70, Chapel Road, Sale <i>Thurs. &amp; 2nd Wed. p.m.</i> M.A. Clinic, 70, Chapel Road, Sale <i>Mon., Tues. &amp; Wed. a.m.</i> E.N.T. Clinic, 70, Chapel Road, Sale <i>1st Tues. a.m.</i>

	CIVIL PARISHES	CENTRES & CLINICS
<b>District No. 20 (cont.)</b> H. Wingfield,* 70, Chapel Road, Sale, Manchester (Tel. Sale 1329)	Sale M.B. (St. Anne's & Sale Moor Wards)	Welfare Centre, 70, Chapel Road, Sale 2nd Wed. p.m. M.A. Clinic, 70, Chapel Road, Sale Tues. & Wed. a.m. Paediatric Clinic, 70, Chapel Road, Sale 2nd Mon. p.m. Welfare Centre, Community Centre, Sale Moor Thurs. p.m. Sun-ray Clinic, 70, Chapel Road, Sale Mon. & Fri. p.m.
W. Heron,* 53, Hawthorn Road, Manchester, 21	Sale M.B. (St. Paul's & St. John's Wards)	Welfare Centre, 70, Chapel Road, Sale Tues. & 2nd Wed. p.m. M.A. Clinic, 70, Chapel Road, Sale Mon., Thurs. & Fri. a.m. Sun-ray Clinic, 70, Chapel Road, Sale 2nd Mon. p.m.
B. Cunliffe,* 76, Harboro' Road, Sale	Sale M.B. (St. Mary's & Brooklands Wards)	Welfare Centre, 70, Chapel Street, Sale Thurs. p.m. M.A. Clinic, 70, Chapel Road, Sale Thurs. & Fri. a.m. Ante & Post Natal Clinic, 70, Chapel Road, 1st, 3rd & 4th Wed. pm. Sale Welfare Centre, Raglan Road, Sale 1st & 3rd Tues. p.m. Eye Clinic, 70, Chapel Road Sale 1st & 3rd Mon., 2nd Tues. a.m.
*These Health Visitors also attend on rota the other Clinic opposite.		
<b>DISTRICT No. 21a.</b> E. Edwards, 34, Avon Road, Hale, Altrincham	Hale U.D. (North, Central & West Wards)	M.A. Clinic,* 1, Hawthorn Road, Hale Mon. & Fri. p.m., Wed. a.m. Welfare Centre, Methodist School, Oak Rd., 2nd-5th Wed. p.m. Hale Ante-Natal Clinic, Methodist School, Oak Rd., 1st Wed. p.m. Hale Eye Clinic, 1, Hawthorn Road, Hale 2nd & 4th Mon. a.m.
J. F. Fawcett, Murieston (top flat), Belmont Road, Hale, Altrincham	Bowdon U.D. Hale U.D. (Hale Barns Ward) Ashley Rostherne Ringway Tatton	Welfare Centre, Methodist Schoolroom, 2nd & 4th Thurs. p.m. Bowdon Welfare Centre, Methodist School, Oak Rd., 2nd-5th Wed. p.m. Hale Ante-Natal Clinic, Methodist School, Oak Rd., 1st Wed. p.m. Hale Welfare Centre, Unitarian School Room Hale 1st & 3rd Thurs. p.m. Barns
<b>DISTRICT No. 21b.</b> L. E. H. Tripp, Sampford Brett, Wainwright Road, Altrincham Tel. Alt. 1884	Altrincham M.B. (Dunham & North Wards) Agden Dunham Massey Bollington Millington	M.A. Clinic, 12, The Mount, Altrincham Mon. & Tue. a.m. (Tel. Alt. 1733) Welfare Centre, 12, The Mount, Altrincham Mon. & Wed. p.m. Paediatric Clinic, 12, The Mount, Altrincham 2nd Fri. p.m.
J. M. Wild, 6, Gibwood Road, Northenden, Manchester	Altrincham M.B. (East, Central & South West Wards)	Ante & Post Natal Clinic, 12, The Mount, 2nd, 3rd & 4th Tues. p.m. Altrincham Welfare Centre, 12, The Mount, Altrincham Mon. p.m., Wed. a.m. E.N.T. Clinic, 12, The Mount, Altrincham 1st Thurs. a.m. M.A. Clinic, 12, The Mount, Altrincham Fri. a.m.
P. Norman, 40, Hawthorne Avenue, Timperley, Altrincham	Altrincham M.B. (Timperley No. 11 & No. 3 Wards)	Ante-Natal Clinic, 145, Park Rd., Timperley 1st & 3rd Mon. a.m. (Tel. Sale 6639) Welfare Centre, 145, Park Road, Timperley Tues. a.m., Thurs. a.m. & p.m.
D. Whitworth, 6, Wilton Street, Prestwich, (Tel. Pre. 1185) Lancs.	Altrincham M.B. (Timperley No. 2 & No. 4 Wards)	M.A. Clinic, 145, Park Rd., Timperley Wed. a.m. Welfare Centre, 145, Park Road, Timperley Tues. a.m. & p.m., Thurs. p.m.
<b>DISTRICT No. 22a</b> M. Bell, 3, Alma Lane, Wilmslow, Manchester (Tel. Wilmslow 2635)	Alderley Edge U.D. Wilmslow U.D. Chorley (Hough Great Warford Ward Marthall Mobberley)	Welfare Centre, 3, Alma Lane, Wilmslow Thurs. p.m. Welfare Centre, Victory Hall, Mobberley 1st & 3rd Tues. p.m. Welfare Centre, Church Institute, Alderley Edge Fri. p.m. E.N.T. Clinic, 3, Alma Lane, Wilmslow Even months 2nd Tues. a.m.

## CIVIL PARISHES

## CENTRES &amp; CLINICS

<b>DISTRICT No. 22b</b> B. E. Crosby, 27, Earle Road, Bramhall	Wilmslow U.D. (Styal and Handforth Wards ) Hazel Grove and Bramhall U.D. (Woodford and Bramhall Wards)	Welfare Centre, Methodist Sunday School, 1st & 3rd Mon. p.m. Bramhall Welfare Centre, Conserv. Women's Club, 2nd and 4th Mon. p.m. Handforth	
<b>DISTRICT No. 22c</b> D. M. Bowers, 1, Albany Road, Wilmslow	Wilmslow U.D. (Dean Row, Fulshaw and Morley Wards)	Welfare Centre, 3, Alma Lane, Wilmslow Thurs. p.m. M.A. Clinic, 3, Alma Lane, Wilmslow Tues. & Thurs. a.m. Eye Clinic, 3, Alma Lane, Wilmslow 1st Mon. p.m. Paediatric Clinic, 3, Alma Lane, Wilmslow 2nd Tues. p.m.	
<b>DISTRICT No. 23</b> M. Spencer, 2, Elm Drive, Macclesfield	Bosley Chelford Eaton Gawsworth Henbury Hulme Walfield Marton Mottram-St.- Andrew North Rode	Nether Alderley Over Alderley Prestbury Siddington Somerford Somerford Booths Snelson Swettenham Twemlow Withington	Welfare Centre, Wellington Road, Bollington 1st & 3rd Wed. p.m.
M. D. Watson, 6a, Elm Drive, Macclesfield (Tel. Macc. 2105)	Macclesfield M.B. (Central District)	Welfare Centre, Gt. King Street, Macclesfield (Tel. Macc. 3407) 2nd, 3rd, 4th & 5th Tues. p.m., Mon. p.m. Ante-Natal Clinic, Gt. King Street, Macclesfield 1st & 3rd Wed. p.m.	
F. M. Yates, 335, Park Lane, Macclesfield (Tel. Macc. 2663)	Macclesfield M.B. (South West District)	Welfare Centre, Sanders Square, Macclesfield Thurs. & Fri. p.m. (Tel. Macc. 3800) Ante-Natal Clinic, Sanders Square, Macclesfield 4th Wed. p.m. M.A. Clinic, Sanders Square, Macclesfield Mon. & Thurs. a.m. Ante-Natal Clinic, Hurdsfield House, Macc. 2nd Wed. p.m. (Tel. Macc. 3282) Ante-Natal Clinic, Great King St., Macc. 1st or 3rd Wed. p.m. (Tel. Macc. 3407)	
A. Grills, Springfield (Flat 3), Byron's Lane, Macclesfield	Macclesfield M.B. (North-East District)	Welfare Centre, Hurdsfield House, Macclesfield Thurs. p.m., 1st Tues. p.m. Ante-Natal Clinic, Hurdsfield House, Macc. 2nd Wed. p.m. Welfare Centre, Great King Street, Macc. 2nd, 3rd, 4th & 5th Tues. p.m. Ante-Natal Clinic, Sanders Square, Macc. 4th Wed. p.m. Ante-Natal Clinic, Great King Street, Macc. 1st or 3rd Wed. p.m. Welfare Centre, Sanders Square, Macclesfield Alt. Fri. p.m.	
T. Martin, 27, Victoria Road, Macclesfield	Macclesfield M.B. (North West District)	Ante-Natal Clinic, Great King Street, Macc 1st & 3rd Wed. p.m. Welfare Centre, Great King Street, Macc. Mon. & Fri. p.m. M.A. Clinic, Pierce Street, Macclesfield (Tel. Macc. 3053) Tues. Wed. & Fri a.m., Thurs. p.m., Eye Clinic, Pierce Street, Macclesfield Thurs. a.m., 1st & 4th Tues. p.m. E.N.T. Clinic, Pierce Street, Macclesfield 1st Fri. a.m.	
N. R. Williams, Ivy Cottage, Snelson, Chelford, Crewe	Macclesfield M.B. (South East District)	Welfare Centre, Hurdsfield House, Macc. Thurs. p.m, 1st Tues. p.m. Ante-Natal Clinic, Hurdsfield House, Macc. 2nd Wed. p.m M.A. Clinic, Pierce Street, Macclesfield Mon. p.m. & Wed. a.m. Welfare Centre, Sanders Square, Macclesfield Alt. Fri. p.m. Ante-Natal Clinic, Sanders Square, Macc. 4th Wed. p.m.	

There is also a part-time School Nurse.

	CIVIL PARISHES	CENTRES & CLINICS
<b>DISTRICT No. 24</b> L. Jacks, Abbey Croft, Abbey Road, Sandbach	Sandbach U.D. Brereton Arclid Elton Betchton Hassall Bradwall Smallwood	Welfare Centre, Marriott House, Sandbach <i>Tues. p.m.</i> M.A. Clinic, Marriott House, Sandbach <i>Wed. a.m. &amp; Fri. p.m.</i> Eye Clinic, Marriott House, Sandbach <i>2nd Tues. a.m., 3rd &amp; 4th Wed. p.m.</i> E.N.T. Clinic, Marriott House, Sandbach <i>4th Fri. a.m.</i>
<b>DISTRICT No. 25.</b> G. F. Finger, 12, West Street, Congleton (Tel. Congleton 169) E. Steele, 65, Crewe Road, Alsager, Stoke-on-Trent	Congleton M.B. (Buglawton & South Wards) Moreton-cum-Alcumlow Newbold Astbury  Congleton M.B. (North & West Wards)	Welfare Centre, 12, West Street, Congleton <i>Mon. p.m.</i> Ante & Post Natal Clinic, 12, West Street, Congleton <i>2nd &amp; 4th Thurs., 1st Tues. p.m.</i> M.A. Clinic, Park Street, Congleton <i>Mon.—Fri. a.m.</i> (Tel. Cong. 2095) Eye Clinic, Park Street, Congleton <i>2nd Wed. p.m.</i> E.N.T. Clinic, Park Street, Congleton <i>Odd months 4th Tues. a.m.</i> Welfare Centre, 12, West Street, Congleton <i>Mon. p.m.</i>
<b>DISTRICT No. 26a</b> M. B. Batty, 14, Par:swood Court, Manchester, 20	Cheadle and Gatley U.D. (Cheadle Hulme and Adswood Wards)	M.A. Clinic, All Saints' Parish Room, Cheadle <i>Wed. p.m., Fri. a.m.</i> Hulme Welfare Centre, All Saints' Parish Room, <i>Alt. Tues. p.m.</i> Cheadle Hulme Welfare Centre, Mission Hall, Adswood <i>1st &amp; 3rd Mon. p.m.</i> Ante-Natal Clinic, Congregational Church <i>Fri. p.m.</i> Room, Cheadle
<b>DISTRICT No. 26b.</b> E. Hardy, 4, Bird Hall Avenue, Cheadle Hulme, Stockport	Cheadle and Gatley U.D. (Cheadle Wards)	M.A. Clinic, Ashfield Road School, Cheadle <i>Mon., Wed. and Fri. a.m.</i> Welfare Centre, Congregational Church Room, <i>Tues. p.m.</i> Cheadle E.N.T. Clinic, Ashfield Road School, Cheadle <i>Even months 3rd Mon. p.m.</i>
<b>DISTRICT No. 26c</b> N. Heenan, 146, Edgeley Road, Cheadle Heath, Stockport	Cheadle and Gatley U.D. (Gatley & Heald Green Wards)	Welfare Centre, Methodist Church, Heald <i>1st &amp; 3rd Thurs. p.m.</i> Green Ante-Natal Clinic, Congregational Church <i>Fri. p.m.</i> Room, Cheadle Welfare Centre, Cong. Sunday School, <i>2nd &amp; 4th Thurs. p.m.</i> Gatley
<b>DISTRICT No. 27.</b> G. M. Bullough, 5, Seymour Road, Mile Ehd. Stockport (Tel. Gt. Moor 4378)	Hazel Grove and Bramhall U.D. (North & East Wards)	Welfare Centre, 253, London Road, Hazel <i>Tues. p.m.</i> Grove M.A. Clinic, 253, London Road, Hazel Grove <i>Tues. a.m., Fri. p.m.</i> (Tel. Gt. Moor 3022) Ante-Natal Clinic, 253, London Road, Hazel <i>Thurs. p.m.</i> Grove Eye Clinic, 253, London Road, Hazel Grove <i>2nd &amp; 3rd Mon. p.m.</i> E.N.T. Clinic, 253, London Road, Hazel Grove <i>Even months, 3rd Thurs. a.m.</i> Paediatric Clinic, 253, London Road, Hazel <i>3rd Mon. p.m.</i> Grove
<b>DISTRICT No. 28.</b> M. R. Adamson, 34, Swanscoe Avenue, West Bollington, Macclesfield	Bollington U.D. Rainow Hurdsfield Sutton Macclesfield Wildboarclough Forest Winle	Welfare Centre, Wellington Road, Bollington <i>2nd &amp; 4th Thurs., 1st &amp; 3rd Wed. p.m.</i> M.A. Clinic, Wellington Road, Bollington <i>Tues. a.m.</i> Welfare Centre, Lane Ends Club, Sutton <i>2nd &amp; 4th Wed. p.m.</i> Eye Clinic, Wellington Road, Bollington <i>4th Fri. p.m.</i> E.N.T. Clinic, Wellington Road, Bollington <i>Odd months 3rd Wed. a.m.</i>
<b>DISTRICT No. 29a.</b> S. Morris, 100, Wellington Road North, Stockport	Bredbury and Romiley U.D. (Bredbury Ward)	Welfare Centre, Lower Bent's Lane, Bredbury <i>1st Tues. p.m., 2nd—5th Tues. a.m. &amp; p.m.</i> M.A. Clinic, Lower Bent's Lane, Bredbury <i>Fri. a.m.</i> (Tel. Woodley 2392) Ante-Natal Clinic, Lower Bents Lane, <i>Mon. p.m.</i> Bredbury

	CIVIL PARISHES	CENTRES & CLINICS
<b>DISTRICT No. 29b</b>		
M. Wilkinson, 5, Portland Place, Mottram Road, Stalybridge	Bredbury and Romiley U.D. (Romiley and Compstall Wards)	Welfare Centre, Leyfield Avenue, Romiley <i>Thurs. p.m.</i> M.A. Clinic, Leyfield Avenue, Romiley <i>Mon. p.m.</i>
S. Watson* 4, Hartshead Avenue, Stalybridge	Stalybridge M.B. (Lancashire Ward and Dukinfield Ward pt. i)	Welfare Centre, Mechanics' Institute, <i>Tues. &amp; Wed. p.m.</i> Stalybridge (Tel. Stalybridge 2304) Paediatric Clinic, Mechanics' Institute, <i>Even months 4th Mon. p.m.</i> Stalybridge
I. Diamond, 56, Richmond Grove, Manchester 13	Stalybridge M.B. (Millbrook Ward)	Welfare Centre, Millbrook, Stalybridge <i>1st &amp; 3rd Mon. p.m.</i>
B. F. Sherratt,* Ashdene, Leafield Road, Disley, Stockport	Stalybridge M.B. (Staley Ward and Dukinfield Ward pt. ii)	Welfare Centre, Mechanics' Institute, <i>Tues. &amp; Wed. p.m.</i> Stalybridge
V. Wolstenholme,† Thornbank, Benches Lane, Chisworth, Broadbottom, Manchester	†Visits Schools in Stalybridge M.B.	M.A. Clinic, Mechanics' Institute, Stalybridge <i>Mon., Wed. &amp; Fri. a.m.</i> Eye Clinic, Mechanics' Institute, Stalybridge <i>1st, 2nd &amp; 4th Tues. a.m.</i>
* These health visitors also take on rota the other clinic opposite.		Ante and Post Natal Clinic, Mechanics' Institute, Stalybridge <i>2nd, 3rd &amp; 4th Thurs. p.m.</i>
<b>DISTRICT No. 30</b>		
A. E. Marten, 218, Birch Lane, Dukinfield	Dukinfield M.B. (Central and West Wards)	Welfare Centre, 212, Astley Street, Dukinfield <i>Wed. a.m. &amp; p.m., Thurs. p.m.</i> (Tel. Ashton 1689) Paediatric Clinic, 212, Astley Street, Dukin- <i>Odd months 4th Mon. p.m.</i> field E.N.T. Clinic, 212, Astley Street, Dukinfield <i>4th Mon. p.m.</i>
H. M. Thomas, 2, St. Luke's Crescent, Dukinfield	DUKINFIELD M.B. (CENTRAL AND WEST WARDS)	M.A. Clinic, King Street, Dukinfield (Tel. Ashton 3794) <i>Tues. a.m., Mon. Wed. Thurs. &amp; Fri. p.m.</i> Eye Clinic, King Street, Dukinfield <i>1st, 2nd &amp; 3rd Mon. a.m.</i> E.N.T. Clinic King Street, Dukinfield <i>4th Mon. p.m.</i>
W. G. Grimstone, Rockville, Cote Green Road, Marple Bridge, Stockport	Dukinfield M.B. (East Ward)	Paediatric Clinic, 212, Astley Street, <i>Odd months 4th Mon. p.m.</i> Dukinfield Welfare Centre, 212, Astley Street, Dukinfield <i>Wed. a.m. &amp; p.m., Thurs. p.m.</i>
<b>DISTRICT No. 31.</b>		
D. Wood, 8, Marina Drive, Rose Hill, Marple, Stockport	Longdendale U.D. Tintwistle R.D.	Welfare Centre, St. Mary's Sunday School, <i>1st &amp; 3rd Thurs. p.m.</i> Hollingworth M.A. Clinic, Council School, Hollingworth <i>Tues. p.m.</i> Welfare Centre, Christ Church School, <i>2nd &amp; 4th Thurs. p.m.</i> Tintwistle Welfare Centre, Wesleyan School, <i>1st &amp; 3rd Wed. p.m.</i> Broadbottom
I. Burrill,* Woodhaven, Woodend Lane, Hyde (Tel. Hyde 739)	Hyde M.B. (Godley Ward pt. i)	Welfare Centre, Parsonage Street, Hyde <i>Thurs. p.m.</i> (Tel. Hyde 828) Ante-Natal Clinic, Parsonage Street, Hyde <i>Mon. p.m.</i> Paediatric Clinic, Parsonage Street, Hyde <i>4th Fri. p.m.</i>
F. Lonsdale,* Woodhaven, Woodend Lane, Hyde (Tel. Hyde 739)	Hyde M.B. (Newton Ward pt. i)	Welfare Centre, Parsonage Street, Hyde <i>Wed. p.m.</i> Welfare Centre, Bayley Hall, Hyde <i>Mon. p.m.</i> (Tel. Hyde 265) Paediatric Clinic, Bayley Hall, Hyde <i>3rd Tues. p.m.</i>

## CIVIL PARISHES

## CENTRES &amp; CLINICS

**District No. 31—cont.**

D. E. Herring,  
14, Osborne Road,  
Hyde

Hyde M.B.  
(Godley Ward pt. ii,  
Newton Ward pt. iii)

Welfare Centre, Parsonage Street, Hyde  
*Wed. p.m.*

Welfare Centre, Bayley Hall, Hyde  
*Fri. p.m.*

M. Diamond,  
56, Richmond Grove,  
Stalybridge

Hyde M.B.  
(Werneth Ward,  
Newton Ward pt. ii)

Welfare Centre, Parsonage Street, Hyde  
*Thur. p.m.*

\*These Health Visitors also attend on rota the two other  
Clinics opposite.

M.A. Clinic, Reform Club, Hyde  
*Mon.—Fri. a.m.* (Tel Hyde 689)  
Eye Clinic, Reform Club, Hyde  
*Tues. & 1st & 2nd Thurs. a.m.*

**DISTRICT No. 32a.**

S. Dickson,  
Bute House,  
Marple Bridge,  
Stockport  
(Tel. Marple 177)

Marple U.D.  
(Ludworth, Mellor & North  
Wards)

Welfare Centre, Parish Hall, Marple  
*Wed. p.m.*

Welfare Centre, Methodist Sunday School,  
*2nd & 4th Thurs. p.m.* Marple Bridge

Welfare Centre, Methodist Sunday School,  
*1st & 3rd Thurs. p.m.* Mellor

**DISTRICT No. 32b.**

B. Brewster,  
Spout House Farm,  
Strines,  
Stockport

Marple U.D.  
(Cent. & South Wards)  
Disley R.D.

Welfare Centre, Parish Hall, Marple  
*Wed. p.m.*

Welfare Centre, Hartley House, High Lane  
*Alt. Tues. p.m.* (Tel. Disley 490)

Welfare Centre, Gleneil House, Disley  
*Alt. Tues. p.m.* (Tel. Disley 62)

M.A. Clinic, Parish Hall, Marple  
*Wed. a.m.*

**DISTRICT No. 33.**

F. E. Kilbourn,  
Edendale,  
Buxton Road,  
Newtown,  
New Mills,  
(Tel. Disley 476) Stockport

Adlington  
Kettleshulme  
Lyme Handley

Pott Shrigley  
Poynton

Welfare Centre, Park Lane, Poynton  
*1st & 3rd Thurs. p.m.*

M.A. Clinic, Park Lane, Poynton  
*Tues. p.m.*

E.N.T. Clinic, Park Lane, Poynton  
*Even months, 3rd Wed. a.m.*

Eye Clinic, Park Lane, Poynton  
*4th Tues. a.m.*

## HOME NURSES (151)

(Those marked \* practise Midwifery)

<i>District</i>	<i>Nurse</i>	<i>Address</i>	<i>Tel. No.</i>
Acton	C. Carroll*	The Grove, Acton, Nantwich	Nantwich 5571
Adlington	A. M. Kirkwood*	Sunshine Cottage, Butley Lane, Adlington	Prestbury 8360
Alderley	E. Gornall*	Nurse's Cottage, Monksheath, Chelford	Chelford Relief 216
Alderley Edge	M. M. Hatton*	Holly Croft, Row of Trees, Alderley Edge	Alderley Edge 3364
Aldford	F. V. Wells*	Nurse's Cottage, Aldford	Aldford 37
Alsager	E. Weatherall	27, Cresswellshawe Road, Alsager	Alsager 67
Altrincham	D. Kershaw	61, Harcourt Road, Altrincham	Altrincham 2550
	W. M. Barber*	53, Oxford Road, Altrincham	Altrincham 0138
	L. M. Heaton	28, Westgate, Hale	
	E. Moores*	Kilrea, Market St., Altrincham	Altrincham 2051
Ashton	M. Ashbrook*	District Nurse's Home, Smithy Lane, Mouldsworth	Manley 268
Ashton-on-Mersey	M. A. Smith	12, Friar's Road, Sale	Sale 6861
Astbury	V. Spencer*	Black & White Cottage, Astbury, Congleton	Congleton 451
Audlem	C. Jones*	Station Road, Audlem	Audlem 313
Barnston	A. M. Jones*	Watmough, Pensby Road, Thingwall	Irby 1496
Barnton	E. Cotterill*	5, Cross Street, Barnton	Northwich 4080
Barrow	G. Jones*	Minniffordd, High Street, Tarvin	Tarvin 240
	B. Walker	Minniffordd, High Street, Tarvin	Tarvin 240
Bebington	L. Cullum	Springfield, Spital Road, Bromborough	Bromborough 1071
Bickerton	E. Downham*	Nurse's Bungalow, Harthill	Broxton 31
Bollington	A. Barlow*	13, Waterhouse Avenue, Bollington, Macclesfield	Bollington 3179
	E. M. White*	13, Waterhouse Avenue, Bollington, Macclesfield	Bollington 3179
Bramhall	N. D. Entwistle*	81, Ack Lane, Bramhall	Bramhall 2377
	M. C. Hallett*	Gresford, Moor Lane, Woodford	Bramhall 1012
Bredbury	M. Secker*	13, George Lane, Bredbury	Woodley 2754
	E. Dickens*	13, George Lane, Bredbury	Woodley 2754
Bromborough	F. Baughan	27, Queensbury Avenue, Brom- borough	Bromborough 1037
	A. Thompson	41, Heygarth Road, Eastham	Eastham 1674
Buglawton	M. S. Bowman*	4, High Lowe Avenue, Buglawton, Congleton	Congleton 444
Bunbury	E. C. Hurst*	Coniston, Bunbury, Tarporley	Bunbury 367
Burton	M. Jones*	Pear Tree Cottage, Burton, Wirral	Burton 230
Castle	M. A. Higgs*	37, Park Street, Northwich	Northwich 4041
Cheadle	M. P. Watson*	6, Waldon Avenue, Cheadle	Gatley 3904
	H. Lambert*	6, Waldon Avenue, Cheadle	Gatley 3904
Cheadle	C. Maher*	58, Ladybridge Road, Cheadle Hulme	Cheadle Hulme 261
Chelford	J. Hughes*	Church House, Chelford	Chelford 314
Cholmondeley	M. Brocklehurst*	Nurse's Cottage, Bickley Moss, Whitchurch	Cholmond- eley 268
Combermere	W. A. George*	1, Council Houses, Newhall Lane, Aston, Nantwich	Aston (Nantwich) 286
Congleton	M. L. Pugh	Wood Leighton, Park Lane, Congleton	Congleton 181

## HOME NURSES (contd.)

<i>District</i>	<i>Nurse</i>	<i>Address</i>	<i>Tel. No</i>	
Crewe	C. Moss	5, Tynedale Avenue, Crewe	Crewe	3947
	E. Heap	225, Wheelman Road, Crewe	Crewe	3163
Daresbury	G. Roberts*	Delph Cottage, Daresbury	Moore	266
Davenham	M. Buckley*	315, London Road, Davenham, Northwich	Northwich	3027
Delamere	D. E. Joseph*	Wayside, Cotebrook, Tarporley	Little Budworth	91
Disley	A. Rodger*	Grenaghan, Hollinwood Road, Disley	Disley	298
Doddington	M. A. Edwards*	2, Back Lane, Walgherton, Nantwich	Wybunbury	45
Dodleston	M. E. Pilliner*	The Cottage, Dodleston, Chester	Kinnerton	264
Dukinfield	E. M. Ambler	15, Bates Street, Dukinfield		
	M. W. Stratton	293, King Street, Dukinfield		
Dunham	W. Lewis	Thornlea, Station Road, Partington	Irlam	264
Massey				
Ellesmere	M. I. Raby	12, Thamesdale, Whitby, Wirral		
Port				
Farndon	L. Hill*	High Street, Farndon	Farndon	318
Frodsham	M. Willis*	10, Kingsway, Frodsham	Frodsham	2109
	C. L. Young*	10, Kingsway, Frodsham	Frodsham	2109
	A. Bowyer*	5, Wardle Crescent, Gawsworth	Macclesfield	3329
Gawsworth	G. Magee*	Booth Bank Road, Goostrey	Holmes Chapel	3244
Goostrey				
Grappenhall	P. M. Baker	30, George's Crescent, Grappenhall	Grappenhall	275
Great	D. Sherratt*	Rose Bank, Marbury Lane, Comberbach	Comberbach	279
Budworth				
Hale Barns	L. W. Saunders*	380, Hale Road, Hale Barns	Ringway	4113
Halton	G. M. Williams*	47, Main Street, Halton, Runcorn	Runcorn	2597
Handforth	M. E. Bailey*	Oak Brow Cottage, Styal, Wilmslow	Wilmslow	2738
Hartford	D. Farman*	9, Manor Street, Greenbank, Northwich	Northwich	4028
Haslington	J. Banks*	33, Cartwright Road, Haslington	Crewe	2693
Hazel Grove	C. Pelling*	9, Bean Leach Road, Hazel Grove	Gt. Moor	2292
	D. Austin*	9, Bean Leach Road, Hazel Grove	Gt. Moor	2292
Heald Green	F. A. Jones*	29, Outwood Drive, Heald Green	Gatley	2592
Helsby	N. Stewart*	1, Springfield Avenue, Helsby	Helsby	143
Heswall	A. Goodman*	1, Shrewsbury Road, Heswall	Heswall	710
Higher	A. Garbutt*	216, Higher Bebington Road, Higher Bebington, Wirral	Mountwood	1840
Bebington				
Higher	E. I. Griffiths*	2, Symondeley Av., Sutton Lane Ends, Macclesfield	Sutton	203
Sutton				
High Lane	F. Boast*	25, Parkside Close, High Lane, Stockport	Disley	78
Hollingworth	G. E. Hewitt	Mount House, Hollingworth, Manchester	Mottram	3210
Holmes	L. B. Blunsum*	19, West Way, Holmes Chapel	H. Chapel	2226
Chapel				
Hoylelake	L. Hughes	28, Alderley Road, Hoylelake	Hoylelake	1517
Hyde	G. McClean	17, Henry Street, Hyde	Hyde	488
	H. Sutton	17, Henry Street, Hyde	Hyde	488

## HOME NURSES (contd.)

<i>District</i>	<i>Nurse</i>	<i>Address</i>	<i>Tel. No.</i>	
Ince	E. Parker*	Park Wood, Dunham Hill, Warrington	Helsby	169
Irby	G. Wotton*	Irby Hill Farm, Mill Hill Road, Irby	Irby	1752
Knutsford	D. Cadogan*	Mere Heath Lane, Mere, Knutsford	Knutsford	505
Little Leigh	M. Owen*	1, Racefield Road, Knutsford	Knutsford	504
	M. Hodgson*	Easingwold, Smithy Lane, Little Leigh	Comberbach	282
Little Sutton	V. Sandbach	22, Glenwood Road, Little Sutton	Hooton	2110
Lostock Gralam	M. Morris*	337, Manchester Road, Lostock Gralam	Northwich	3046
Lymm	C. Cahill	26, Highfield Road, Lymm	Lymm	116
Macclesfield	H. M. Davies	11, Northgate Avenue, Maccles- field	Maccles- field	2169
Malpas	B. Scragg	57, Bond Street, Macclesfield	Macclesfield	2841
	L. Powell*	Hawthorn Cottage, Church Rd., Malpas	Malpas	96
Marple	C. Turner*	Lynwood, Bowden Lane, Marple	Marple	361
Marple Bridge	N. Greenleaf*	The Cottage, Lower Fold, Marple Bridge	Marple	166
Marston	E. Davies*	Brackley, Pickmere Lane, Pickmere	Pickmere	242
Middlewich	E. M. Adamson*	7, King Edward St., Middlewich	Middlewich	151
	G. M. Benger*	7, King Edward St., Middlewich	Middlewich	151
Mobberley Mossley	D. H. Moss*	18, Edenfield Av., Mobberley	Mobberley	3132
Mottram	I. M. Huyton	25, Stockport Road, Mottram, Manchester		
Moulton	V. R. Watts*	11, Regent Street, Moulton, Northwich	Winsford	2346
Nantwich	E. Larnach*	1, Wellington Road, Nantwich	Nantwich	5294
	M. Mansfield*	1, Wellington Road, Nantwich	Nantwich	5294
Neston	G. M. Town	8, Broster's Cottages, Badger's Bait, Neston		
Norley	I. E. Belsham*	Nurse's Bungalow, Crabmill Lane, Norley	Kingsley	265
Odd Rode	M. A. Wood*	2, Kent Green, Scholar Green	Kidsgrove	2268
Port Sunlight	N. I. Margerison	73, Bolton Road, Port Sunlight		
Poynton	W. Wareing*	49, London Road N., Poynton	Poynton	2137
Prestbury	M. A. Wright*	7, Bollinside, Prestbury	Prestbury	8464
Rainow	E. Lythgoe*	Oakwood, Chapel Lane, Rainow	Bollington	2184
Romiley	F. W. Govan	11, Carlton Avenue, Romiley	Woodley	2461
Runcorn	E. Booth	4, Halton View, Weston, Runcorn	Runcorn	2342
	F. Fowles	26, Hazel Avenue, Runcorn	Runcorn	2849
	F. M. Jones	123, Greenway Road, Runcorn	Runcorn	2943
Sale	E. M. Newbegin	22, St. George's Road, Sale	Sale	7033
	W. F. Rad	107, Royston Avenue	Sale	6135
	F. B. Grayson	38, Langdale Road, Sale	Sale	3843
Sandbach	E. M. Deane*	5, Elworth Street, Sandbach	Sandbach	256
	M. Ralphs*	5, Elworth Street, Sandbach	Sandbach	256
Sandiway	G. Evans*	The Cottage, Glebe Road, Cuddington, Nr. Northwich	Sandiway	252
Saughall	B. M. Corlett	Sea Hill Farm, Great Saughall	Saughall	233

## HOME NURSES (contd.)

<i>District</i>	<i>Nurse</i>	<i>Address</i>	<i>Tel. No.</i>
Shavington	W. Denison*	Sundour, Park Estate, Shavington, nr. Crewe	Crewe 7234
Stalybridge	H. Nobles	56, Brushes Road, Stalybridge	Stalybridge 2437
	E. H. Slater	295, Huddersfield Road, Stalybridge	Stalybridge 2448
	E. Garside	Spring Bank Cottage, Kay Street, Stalybridge	Stalybridge 2448
Stapeley	G. Lomas*	41, London Road, Stapeley	Nantwich 5570
Stockton Heath	D. Mashiter	108, Walton Road, Stockton Heath	
Stretton	E. M. Reed*	Hillcrest, Hatton Lane, Stretton	Norcott Brook 279
Tarporley	M. Stewart*	99, High Street, Tarporley	Tarporley 153
Tattenhall	M. Jenkinson*	2, Rosemary Row, Tattenhall	Tattenhall 113
Tilston	N. Priest*	Fern Lea, Tilston, Malpas	Tilston 249
Timperley	J. Ferguson*	Garslade, Gaskell Road, Altrincham	Altrincham 2188
	R. Miller*	26, Grove Lane, Timperley	Ringway 3495
	A. Lines	26, Grove Lane, Timperley	Ringway 3495
	J. Clegg	40, Alwyn Gardens, Upton Heath	Chester 21247
Upton Vicars Cross and Hoole	L. Crawford	86, Faulkner Street, Hoole, Chester	Chester 22835
Weaverham	M. Evans*	49, Wallerscote Road, Weaver- ham, Northwich	Weaverham 116
West Kirby	J. Howes	27, Burlingham Avenue, Grange, West Kirby	
Wheelock	E. A. Mitham*	639, Crewe Road, Wheelock, Sandbach	Sandbach 281
Willaston (Wirral)	G. Lloyd*	The Grey Cottage, Hooton Road, Willaston, Wirral	Willaston 112
Willington	F. Gavin*	9, Carter Avenue, Kelsall	Kelsall 286
Wilmslow	E. B. Grindrod*	17, Bourne Street, Wilmslow	Wilmslow 2615
	E. M. Murphy*	17, Bourne Street, Wilmslow	Wilmslow 2615
Winnington	A. E. Walters*	The Ley, Winnington, Northwich	Northwich 4529
Winsford	I. E. Bremner*	92, Weaver Street, Winsford	Winsford 2228
	M. Rawlinson*	92, Weaver Street, Winsford	Winsford 2228
	C. M. Edwards*	92, Weaver Street, Winsford	Winsford 2228
Wistaston	S. G. Black*	31, Coppice Road, Willaston, Nantwich	Crewe 7109
Witton			
Worleston	R. E. Fort	Clydesdale, Stewart Street, Crewe	Crewe 3155

**Headquarters Staff***Assistant Superintendent of Home Nursing—*

I. N. Vaughan      Cartref, West Road, Weaverham      Weaverham 3300

**Relief**

E. Mason\*      20, Berwyn Drive, Heswall      Heswall 13044  
H. E. Unwin      136a, Buxton Road, Macclesfield      Macclesfield 41966  
M. E. Cottrell      Moyna, Burton Road, Neston      Neston 11266

## COUNTY MIDWIVES (71)

No.	Name	Address	Telephone
1	E. M. Lowe	1, Trinity Road, Hoylake	Hoylake 3084
2	E. Jemmett	58, Gresford Avenue, West Kirby	---
4	M. Boothroyd	20, Larchwood Drive, Woodhey, Bebington	Rock Ferry 2303
5			
6	M. Uytendhal	19, Bolton Road East, New Ferry	Rock Ferry 2301
7	M. E. Wright	Fernbank, 4, Bromborough Road, Bebington	Rock Ferry 40
8	R. Baines	Sunnymede, Liverpool Road, Neston	Neston 325
9	L. M. Bradshaw	Newlands, Berwick Gardens, Little Sutton	Hooton 2138
10	M. H. Bendell	14, Queen's Avenue, Ellesmere Port	E. Port 1982
11	V. E. Corson	Dormy, Wilkinson Street, Ellesmere Port	E. Port 146
12	E. Evans,	85, Grace Road, Ellesmere Port	E. Port 1188
13	A. E. Williams	6, York Road, Ellesmere Port	E. Port 329
14	E. E. West	20, Halkyn Road, Chester	Chester 22274
15	E. McAllister	73, Green Lane, Vicars Cross, Chester	Chester 35637
16	I. B. Jones	18, Bache Avenue, Upton, Chester	Chester 21097
17	E. A. Cooke	13, Waterloo Road, Runcorn	Runcorn 2623
17a	L. Wellock	37, Latham Avenue, Runcorn	Runcorn 2872
18	G. Minshall	20, Leinster Street, Runcorn	Runcorn 2798
19	P. Noon	10, Stanley Villas, Runcorn	Runcorn 2556
20	B. Smith	34, Russell Road, Runcorn	Runcorn 2013
21	J. Elliott	3, Clarence Road, Grappenhall	Grappenhall 384
22	A. J. Carroll	1, Stetchworth Road, Walton, Warrington	St'kton Heath 611
23	N. Jones	71, East Avenue, Rudheath, Northwich	Northwich 3020
23a	E. Sherratt	Cartmel, London Road, Northwich	Northwich 2771
24	A. Orme	95, Victoria Road, Northwich	Northwich 3025
25	M. Court	117, Delamere Street, Over, Winsford	Winsford 2311
26	A. E. Hough	Beaumont, St. Ann's Road, Middlewich	Middlewich 167
27	E. A. Bimson	20, Gatefield Street, Crewe	Crewe 2239
27a	S. A. Christmas	195, Gainsborough Road, Crewe	Crewe 3345
28	D. Broad	234, Hungerford Road, Crewe	Crewe 2495
28a	M. Beatty	199, Edleston Road, Crewe	Crewe 3701
29	K. Beech	23, Minshull New Road, Crewe	Crewe 2826
29a			
30	E. Weston	27, Edleston Road, Crewe	Crewe 3110
31	E. G. Williams	282, Broad Street, Crewe	Crewe 2666
31a	M. Wilson	152, Holland Street, Crewe	Crewe 2875
33	E. Jones	12, Well Lane, Alsager	Alsager 223
34	J. Pike	96, Booth's Hill Road, Lymm	Lymm 725
36	I. E. Thompson	6, Lansdowne Road, Sale	Sale 1140
37			
38	D. Lindley	65, Derbyshire Road South, Sale	Sale 4383
39	K. McSweeney	27, Glebelands Road, Sale	Sale 1842
40	A. Whittle	220, Manchester Rd., Broadheath, Altrincham	Altrincham 1484
41			
43	M. A. Fittes	Dunham Woodhouses, Dunham Massey	Altrincham 0056
44	E. Starkey	1, Bancroft Road, Hale	Ringway 4653
45	D. Harper	Cranford, Bradwall Road, Sandbach	Sandbach 273
46	A. A. Rowley	51, Swan Street, Congleton	Congleton 430
47	D. H. Wright	Ewanrigg, Giantswood Lane, Congleton	Congleton 240
48	M. A. Lane	23, Park Road, Congleton	Congleton 442
49			
49a	F. Bradley	12, Lorna Road, Cheadle Hulme	C'dle Hulme 820
50	F. W. Hampson	335, London Road, Hazel Grove	Great Moor 3131
51			
52	B. J. Whittaker	12, Garden Street, Macclesfield	Macclesfield 3766
53	E. E. Hancell	64, High Street, Macclesfield	Macclesfield 4344
54	G. H. Robinson	249, Peter Street, Macclesfield	Macclesfield 3321

## COUNTY MIDWIVES (contd.)

No.	Name	Address	Telephone
55	E. Fairclough	19, Nicholson Avenue, Macclesfield	Macclesfield 3322
56	D. Tomlinson	7, Glegg Street, Macclesfield	Macclesfield 2073
57	A. D. Hall	47, Taylor Street, Hollingworth	Mottram 214
58	M. Regan	21, Shakespeare Avenue, Millbrook	Stalybridge 2151
59	N. Robinson	6, Acres Lane, Stalybridge	Stalybridge 2821
60	F. Dent	16, Ash Grove, Stalybridge, Stalybridge	Stalybridge 2281
62	A. Lees	90, Astley Street, Dukinfield	Ashton 1073
63	A. E. Marten	218, Birch Lane, Dukinfield	Stalybridge 2443
64	L. Kitchen	7, Elm Grove, Hyde	Hyde 789
65	L. Sambrook	57, Woodfield Avenue, Hyde	Hyde 786
66	K. A. Johnson	11, Shaw Hall Avenue, Hyde	Hyde 1160
66a	M. P. Schofield	Woodhaven, Woodend Lane, Hyde	Hyde 739
—	D. Gregson	23, Westbrook Drive, Macclesfield	Macclesfield 2470
—	M. Williams	c/o 24, Nicholas Street, Chester	

## COUNTY DENTAL NURSES (5)

D. Babington	211, Fog Lane, Didsbury, Levenshulme, Manchester, 19.
D. Comyn	Spring Villa, Upton Park, Chester.
H. Howarth	700, Borough Road, Birkenhead
M. M. Ramsbottom	9, Albert Road, Cheadle Hulme.
G. Rees	46, George's Crescent, Grappenhall, Warrington.

## COUNTY DENTAL ATTENDANTS (18)

M. Aspden	27, Bramhall Park Road, Bramhall, Stockport.
J. Bartley	27, Tarvin Road, Chester.
E. Billington	Clovelly, Hungerford Road, Crewe
D. Fellowes	30, Raby Drive, Moreton, Wirral
B. Forsyth	3, Wellington Villas, Crewe.
E. Halligan	28, Nelson Street, Crewe
E. I. Harrison	6, Wakefield Road, Stalybridge
A. Kealey	234, London Road, Northwich
B. Leonard	49, James Street, Macclesfield
L. P. Rees	86, Bond Street, Macclesfield.
S. M. Rivett	152a, Woodsmoor Lane, Stockport.
K. M. Shaw	Radnor, Holmesville Avenue, Congleton.
D. Smith	59, Hoole Road, Chester
E. M. Taylor	11, Beech Street, Middlewich
M. Watkin	7, Southway, Gladstone Road, Altrincham.

**AUTHORISED OFFICERS FOR MENTAL HEALTH**

No. and District	Name	Office	Residence
1 Wirral	E. M. Harbrow	218, Bebington Road, Bebington (Tel. Rock Ferry 1155)	Eastfield, Meols Drive, Hoylake (Tel. Hoylake 3071).
2 West	L. A. R. Kingaby	11b, Newgate Street, Chester (Tel. Chester 23571)	15, Durban Avenue, Christleton, Chester (Tel. Chester 35113).
3 Runcorn	F. Sterry	District Offices, Waterloo Road, Runcorn (Tel. Runcorn 2608)	12, Weston Crescent, Runcorn (Tel. Runcorn 2426)
4 Mid-Cheshire	E. Platt	Brunner Guildhall, High Street, Winsford (Tel. Winsford 3346)	Kensyd, Delamere Street, Winsford (Tel. Winsford 3352)
5 Nantwich	F. H. Mills	21, Pillory Street, Nantwich (Tel. Nantwich 5256)	Northwood, Millfields, Nantwich (Tel. Nantwich 5545).
6 Crewe & Sandbach	R. E. Broach	1, Gatefield Street, Crewe (Tel. Crewe 2478)	180, Crewe Road, Alsager (Tel. Alsager 174)
7 Altrincham & Sale	W. H. Driver	1, Claremont Road, Sale (Tel. Sale 2305)	32, Sefton Road, Sale (Tel. Sale 3408).
8 Bucklow & Wilmslow	R. Dixon	Bexton Road, Knutsford (Tel. Knutsford 506)	18, Stanley Road, Knutsford (Tel. Knutsford 506).
9 Macclesfield & Congleton	L. W. Lyon	10, Waterloo Street, W., Macclesfield (Tel. Macclesfield 2474)	Ainsdale, Gawsworth Road, Maccles- field (Tel. Macclesfield 2976).
10 North-East	C. G. Owens	District Offices, 59b, Shaw Heath, Stockport (Tel. Stockport 4422)	Coniston, Goyt Crescent, Brinnington, Stockport (Tel. Stockport 3145).
11 Hyde & Stalybridge	J. Thompson	46a, Russell Street, Dukinfield (Tel. Ashton 1128)	28, Pickford Lane, Dukinfield (Tel. Ashton 1128).

**DAY NURSERIES**

- Altrincham M.B. 1, Gaskell Road (Tel. Altrincham 3621).  
*Matron*—Mrs. W. Helliwell
- Bebington M.B. New Ferry Road, New Ferry (Tel. Rock  
*Matron*—Mrs. F. G. Davies Ferry 1588).  
The Bradmoor, Bromborough (Tel. Brom-  
*Matron*—Mrs. H. Roberts borough 1381).
- Sale M.B. Harley Road (Tel. Sale 4627).  
*Matron*—Mrs. E. Howitt
- Congleton M.B. Bradshaw House, Lawton Street (Tel. Congleton  
*Matron*—Miss F. M. Ring 282).
- Dukinfield M.B. Dewsnap Lane (Tel. Ashton-u-Lyne 3136).  
*Matron*—Mrs. C. T. Bell
- Macclesfield M.B. South Park, Poplar Road (Tel. Macclesfield 3751)  
1, Clegg Street (Tel. Macclesfield 2813).  
Buxton Road (Tel. Macclesfield 2887).  
*Matron*—Miss R. A. Graham
- Bollington U.D. Buntings Field, Wellington Road (Tel. Boll.  
*Matron*—Miss I. Pritchard 3294).
- Bredbury & Romiley U.D. Highfield Park Road, Bredbury (Tel. Woodley  
*Matron*—Mrs. M. Gunn 2817).
- Cheadle & Gatley U.D. Park Road, Cheadle (Tel. Gatley 3106).  
*Matron*—Mrs. E. M. Applegate
- Ellesmere Port U.D. Whitby Road (Tel. Ellesmere Port 1357).  
*Matron*—Mrs. R. F. Chroston  
Chester Road, Little Sutton (Tel. Hooton 3297).  
*Matron*—Mrs. S. Thomas
- Hazel Grove &  
Bramhall U.D. Queen's Road, Hazel Grove (Tel. Gt. Moor 2048)  
*Matron*—Miss F. H. Dunn
- Northwich U.D. Church Walk (Tel. Northwich 2421).  
*Matron*—Mrs. F. Pickering
- Runcorn U.D. Okell Street (Tel. Runcorn 2461).  
*Matron*—Mrs. M. Jones

**MOTHERS' AND BABIES' HOME**

7, Trinity Road, Hoylake (Tel. 1054)

*Matron*—Miss R. Barton**CENTRAL OFFICE**

24, Nicholas Street, Chester (Tel Chester 22305—3 lines).

REPORT OF THE  
**County Medical Officer of Health**

For the Year ended December 31st, 1949

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**Section I.-Area and Population**

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**Area**

The acreage of the County at the end of 1949 was 622,746 acres.

**Population**

The population of the Administrative County, as enumerated at the Census of 1931, was 665,575. The estimate of the Registrar-General for mid-1949 was 801,790.

**Rateable Value**

The rateable value of the Administrative County of Cheshire for General County Rate purposes at 1/4/49 was £5,230,501. A penny rate over the whole County for 1949-50 represented the sum of £20,854 (estimated).

## Section II.-Births and Deaths

The figures are for the Administrative County, 1949, unless otherwise stated.

Live Births :—

	Total.	Male	Female
Legitimate	— 12054	6220	5834
Illegitimate	— 492	235	257

Birth Rate per 1,000 of the estimated resident population:—  
15·6.

	Total.	Male	Female
Stillbirths	— 325	180	145
Stillbirths Rate per 1,000 total (live and still) births, 25·3.			

	Total.	Male	Female
Deaths	— 9499	4741	4758

Death Rate per 1,000 of population, 11·8.

The principal causes of death were as follows:—

Disease.	No. of Deaths.	Rate per million population.
Heart Disease	2923	3646
Cancer	1488	1856
Intra-cranial vascular lesions	1264	1576
Pneumonia	274	342
Tuberculosis (all forms)	266	332
Pulmonary	222	277
Non-Pulmonary	44	55
Nephritis	221	276
Bronchitis	478	596

The deaths from the chief zymotic diseases were as follows:—

Disease.	No. of Deaths.	Rate per million population.
Diphtheria	4	5
Whooping Cough	5	6
Measles	8	10
Diarrhoea and Enteritis (under 2 years)	37	46
Scarlet Fever	1	1
Typhoid and Paratyphoid	1	1
Smallpox	—	—

The zymotic Death Rate was ·07 per 1,000.

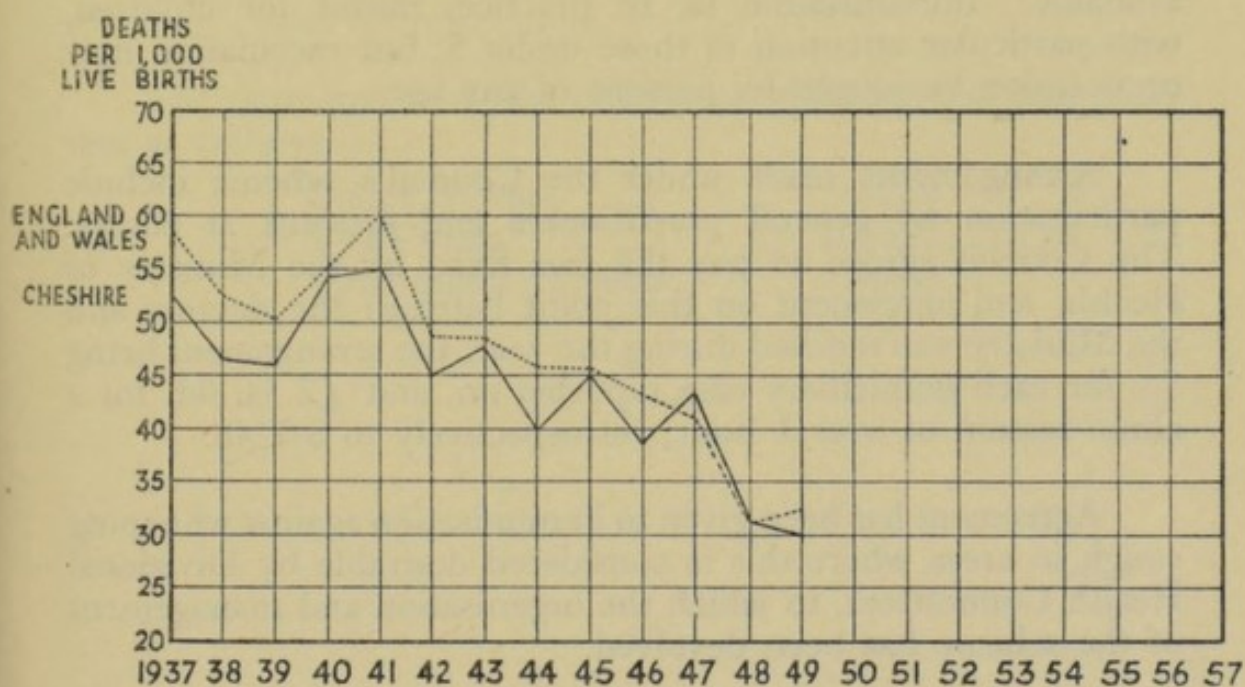
### Infantile Mortality.

There have been 374 deaths of infants under 1 year in the Administrative County during 1949, i.e., 345 legitimate and 29 illegitimate. These figures show an infantile mortality as follows:—

All infants per 1,000 live births	—	—	—	29·8
Legitimate infants per 1,000 legitimate live births				28·6
Illegitimate infants per 1,000 illegitimate live births	—	—	—	58·9

The figures for recent years are shown in the following diagram:—

### INFANTILE MORTALITY



### Deaths from Puerperal Causes:—

	Deaths.	Rate per 1,000 total (live and still) births.
Puerperal Sepsis — —	3	.23
Other Puerperal Causes — —	18	1·40
Total — — —	21	1·63

## Section III.-Vaccination and Immunisation

Under Section 26 of the National Health Service Act, 1946, the County Council has the duty of making available a full service of vaccination against smallpox and of immunisation against diphtheria.

It is hoped that the attention now devoted to Health Services in general, and to this aspect in particular, will result in a considerable increase in vaccination, just as it has served to secure a wide response to the offer of immunisation wherever this was available. Immunisation is, in practice, meant for children, with particular attention to those under 5, but vaccination may on occasion be sought by persons of any age.

Arrangements made under the Council's scheme include participation by general practitioners and sessions at clinics. The Council agreed to pay the fees fixed by the Ministry of Health, and agreement on this point between the doctors and the Ministry was reached during the year; the arrangement being 5/- for each domiciliary case reported on, and £2 5s. 0d. for a clinic session of over 1 hour, retrospectively to 5/7/48.

Agreement has been given to immunisation against whooping cough in areas where this is considered desirable by Divisional Health Committees, to which the organisation and management of the scheme has been devolved.

During the year 1949, the number of persons vaccinated was as follows:—

	<i>Vaccinated</i>	<i>Re-vaccinated</i>
Under 1 year	2663	3
Age 1—4 years	1330	22
Age 5—14 years	211	97
Age 15 years and over	259	611

During the same period the number of children who completed a full course of primary immunisation was as follows:—

Children under 5 years	9815
Children 5—14 years	1918
Total number of children who were given a secondary or reinforcing injection	4436

The number of children at 31st December, 1949, who had completed a full course of immunisation at any time before that date was as follows:—

	<i>Born in Year</i>		<i>Number</i>
	1949	.....	991
	1948	.....	6029
	1947	.....	7624
	1946	.....	7613
	1945	.....	7819
	1940—44	.....	35778
	1935—39	.....	33800
	<hr/>		<hr/>
Total	1935—49	.....	99654
	<hr/>		<hr/>

The estimated mid-year child population for the year 1949 was as follows:—

Under 5 years	.....	65220
5—14 years	.....	105620
Total under 15 years	.....	170840

## Section IV.-Ambulance Service

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From 5th July, 1948 the County Council was charged with the duty, under Section 27 of the National Health Service Act, 1946, to provide a comprehensive ambulance service throughout the County, and for the first time this was to be free of charge to persons carried; the duty included transport by car of persons who were unfit for public transport but did not need to be recumbent. The service is one which has been devolved for organisation and management within the approved estimates to Divisional Health Committees throughout the County.

All ambulances and staff controlled by County District Councils were taken over by the County Council, together with all premises which had been held solely for such use; suitable financial arrangements were made to continue the use of other premises. To meet the wishes of the Police Authority, the part-time police drivers were replaced, but arrangements were made to pay for the agency use of nearly all the Red Cross and St. John ambulances which with whole or part-time drivers and attendants, had provided a service before the appointed day. In addition, a supplementary arrangement was made with the Voluntary Car Service which, originally organised during the war, had been continued and paid for by hospital authorities. Taxis and hired cars are also used as a supplementary service.

During 1949 delivery was completed of 6 Austin Welfarer Ambulances ordered in 1948, and orders were placed for 8 Morris and 8 Humber Pullman Ambulances, delivery of which, however, did not begin until 1950. Responsibility was also accepted for several ambulances originally ordered by County District Councils, and a few sitting-case cars were bought, but full implementation of the Committee's policy in this connexion did not begin until early 1950, when 13 Austin Hire Cars were ordered.

The arrangements by which the County Boroughs of Chester, Liverpool, Stockport, Manchester, and Warrington, and the Counties of Lancashire, Shropshire and Derbyshire, provided an Ambulance Service in particular areas, or for special purposes were continued, and a new arrangement was made with the County Borough of Liverpool and the County of Lancashire for the conveyance of smallpox patients or others needing special disinfection.

For long distance journeys, use is made of the service provided by the Railway Executive for invalids, which comprises, for a small fee, a reserved compartment without payment of fares other than for the persons actually travelling. There are special arrangements for casual use, at an agreed fee, of other Authorities' ambulances, either at the far end of such a railway journey, or to meet special emergencies, and help is similarly given to other ambulance authorities.

The whole-time ambulance staff now approved consists of the following:—

Supervisors	.....	.....	.....	8
Senior Drivers and Mechanics				8
Drivers	.....	.....	.....	98
Attendants	.....	.....	.....	36

The following schedule shews the work done by the service for the year 1949:—

AMBULANCE SERVICE

		(1)	(2)	(3)	(4)	(5)
		No. of Vehicles 31/12/49	Total No. Calls 1949	Total No. Patients carried 1949	No. of Accident & Emergency Calls inc. in Col. 3 1949	Total Mileage 1949
A.	DIRECTLY PROVIDED SERVICE	Amb. 51	46,116 (338)*	70,649 (506)*	7,269 (63)*	610,944 (3,999)*
		Cars 9	4,849 (32)*	7813 (44)*	513 (7)*	94,184 (357)*
B.	AGENCY SERVICE	Amb. 18†	8,259	8,654	1628	14 6,470
		Cars 6†	3,439	3,590	410	86,021
C.	SUPPLEMENTARY SERVICE	Amb. —	—	—	—	—
		Cars —	9,271	11,329	108	243,355

D. Number of Drivers available 31/12/49 for supplementary services in C above —114 (Voluntary Car Service).

\* The figures within the brackets, not included in the figures preceding the brackets, are attributable to persons whom Cheshire vehicles picked up outside the administrative county by way of agency for other Local Health Authorities.

† These figures do not include the vehicles of other Local Health Authorities acting as agents for Cheshire.

## Section V.-Prevention of Illness, Care and After-care

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### **General**

Section 28 of the National Health Service Act, 1946, gives permissive powers to the County Council to make a scheme for prevention of illness, and for the care and after-care of persons suffering from illness. The County Council has a duty to make detailed arrangements for any disease the Ministry may specify. In this connexion, tuberculosis has been so specified, and much of the work, other than dispensary and institutional provision, which was carried out for many years under the County Tuberculosis Scheme, is being continued under the new powers.

The arrangements under this section of the Act are among those which for organisation and management within the approved estimates, have been devolved to Divisional Health Committees.

### **Tuberculosis**

Specialist Tuberculosis Officers, the main part of whose work at dispensaries passed to the Regional Hospital Boards on the appointed day, are part-time officers of the County Council, and give Divisional Medical Officers all necessary advice in the sphere of care and after-care, and Health Visitors pay home visits to tuberculosis patients and help to secure the attendance of contacts at the dispensaries. The loan of large items such as garden shelters, and the supply of smaller items such as sputum flasks, now form part of the general scheme for the provision of nursing equipment, of which details are given later.

Wrenbury Hall Industrial Training Colony has continued under the full ownership and control of the County Council, and arrangements are being made for considerably extending the scope of the training given, which will correspond with the requirements of the Ministry of Labour.

The following tables will enable a comparison to be made between 1949 and previous years in respect of the incidence of, and mortality due to, tuberculosis.

**Tuberculosis Statistics**

	1949	1948	1947
New cases notified (primary)			
Pulmonary	442	443	460
New cases notified (primary)			
Non-pulmonary	123	158	195
	<hr/>	<hr/>	<hr/>
Total	565	601	655
	<hr/>	<hr/>	<hr/>
No. of cases remaining on Registers of Notifications kept by District M.O's.H., December 31st	4938	5016	4956
No. of Deaths from all forms of Tuberculosis	266	279	296
Death-rate from all forms of Tuberculosis per 1,000 of the population	0.33	0.35	0.38

*Table relating to Tuberculosis in children under 16:—*

Year	Number of Children notified as suffering from Pulmonary Tuberculosis	Number of Children notified as suffering from Non- Pulmonary Tuberculosis	Percentage of Total Notifications	
			Pulmonary	Non- Pulmonary
1940	25	136	5.3	68.0
1941	17	146	3.3	65.8
1942	21	149	4.6	58.4
1943	17	126	3.7	57.3
1944	20	143	3.9	64.4
1945	14	124	2.9	65.6
1946	12	82	3.2	58.6
1947	20	121	4.3	62.1
1948	24	101	5.4	63.9
1949	21	73	4.8	59.3

*Table showing primary notifications and deaths from Tuberculosis since 1st February, 1913, when compulsory notification began in Cheshire.*

Year	Primary notifications Form A	Deaths	Death rate per 1,000 population
1913	1224	651	1·04
1914	1293	655	1·05
1915	1001	677	1·12
1916	999	677	1·18
1917	770	671	1·18
1918	770	744	1·35
1919	789	592	·98
1920	892	578	·92
1921	908	527	·83
1922	786	550	·86
1923	850	488	·76
1924	1016	512	·79
1925	883	510	·78
1926	939	489	·73
1927	892	488	·73
1928	932	499	·74
1929	917	465	·69
1930	838	438	·64
1931	802	438	·64
1932	751	460	·66
1933	754	389	·57
1934	765	377	·54
1935	739	367	·52
1936	752	348	·49
1937	799	373	·52
1938	802	360	·49
1939	709	358	·48
1940	674	403	·52
1941	740	402	·52
1942	713	302	·40
1943	685	339	·46
1944	734	332	·45
1945	669	302	·41
1946	510	310	·40
1947	655	296	·38
1948	601	279	·35
1949	565	266	·33

The 1949 deaths are made up as follows:—

	Male	Female	Total
Pulmonary ..	138	84	222
Non-Pulmonary ..	30	14	44
	<hr/>	<hr/>	<hr/>
	168	98	266
Death Rates, 1949.	<hr/>	<hr/>	<hr/>
All forms	·33 per 1000 of population.		
Pulmonary	·28 per 1000 of population.		
Non-Pulmonary	·05 per 1000 of population.		

*Summary of Notifications during the period from the 1st January, 1949, to the 31st December, 1949.*

#### FORMAL NOTIFICATIONS

Number of Primary Notifications of new cases of tuberculosis

Age Periods	0-	1-	2-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	Total (all ages)
Pulmonary Males	1	—	3	2	3	18	29	43	60	46	39	10	1	255
Females	—	2	4	2	4	31	34	48	34	13	11	3	1	187
Non-pulmonary														
Males	—	1	11	17	14	5	6	1	6	1	1	—	—	63
Females	1	4	7	9	9	8	5	5	3	4	5	—	—	60

PART II.—New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Source 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.....	Respiratory M	1	-	1	-	-	-	2	2	1	1	7	4	-	18 (A)
	F	-	-	-	-	2	2	1	3	1	-	-	3	2	14 (B)
	Non-Respiratory M	-	1	-	1	1	-	-	-	1	-	-	-	2	6 (C)
	F	-	-	1	-	-	-	-	-	1	-	-	-	2	4 (D)
Death Returns from Registrar-General (Transferable deaths)	Respiratory M	-	-	-	-	-	1	2	1	-	1	-	-	-	5 (A)
	F	-	-	-	-	-	-	-	-	1	-	-	-	-	1 (B)
	Non-Respiratory M	-	1	-	1	-	3	-	1	-	-	-	-	-	6 (C)
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	- (D)
Posthumous Notifications	Respiratory M	-	-	-	-	-	-	-	-	-	-	-	1	-	1 (A)
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	- (B)
	Non-Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	- (C)
	F	-	-	-	-	-	1	-	-	-	-	-	-	-	1 (D)
"Transfers" from Other Areas (excluding transferable deaths)	Respiratory M	-	-	-	-	-	12	14	10	4	2	-	-	-	42 (A)
	F	-	-	-	-	1	5	16	3	1	-	-	-	-	27 (B)
	Non-Respiratory M	-	-	-	1	1	-	-	-	-	-	-	-	-	2 (C)
	F	-	-	-	-	-	-	2	-	-	-	-	-	-	2 (D)
Other Sources	Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	- (A)
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	- (B)
	Non-Respiratory M	-	-	-	-	-	-	-	-	-	-	-	-	-	- (C)
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	- (D)
TOTALS														66 (A)	
														42 (B)	
														14 (C)	
														7 (D)	

## County Public Health Laboratory

The following tables show the work of the County Laboratory during 1949 in comparison with previous years. After 4/7/48 tuberculosis specimens from patients ceased to be examined officially, but those received were dealt with in order to avoid delay.

*Specimens examined in the County Public Health Laboratory during the year 1949, for:—*

<i>Institutions—</i>	<i>Neg.</i>	<i>Pos.</i>
Arclid Hospital	1	
Barony Hospital, Nantwich	1	1
Cheadle Royal Hospital	1	
Dutton Institution	2	
<i>Districts outside the County—</i>		
Birkenhead		1
<i>Total Number of Specimens examined during the year, 1949—</i>		
	<i>Neg.</i>	<i>Pos.</i>
Sputa for T.B. Examination	53	8
Milk, Bulk Samples Microscopic Examinations for T.B.	291	2
	344	10
Total Number Examined		354
Milks Examined by Reductase Test (Failed 1562, Satisfactory 7838)		9400
Milks Examined by Coliform Test		6764
Milks Examined by Phosphatase Test		530
Milks Examined by Plate Count		1
Total Number of Examinations made		17049

## Statement giving Particulars of Public Health Laboratory

From Patients for T.B..

YEAR	Sputa		Urines		Glands		Pleural Effusions		Pus.		Hair for Ring-worm		Fæces		Cultures		Total
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	
1940	634	2496	...	10	...	1	...	18	1	9	...	1	...	1	18	153	3342
1941	594	2571	...	2	...	...	...	16	1	4	11	8	...	1	10	278	3496
1942	549	2774	...	4	...	...	1	9	1	6	4	9	...	...	13	310	3680
1943	591	3021	1	4	...	...	1	19	...	7	1	5	...	...	11	232	3893
1944	548	2651	1	2	...	...	1	15	1	14	1	6	1	...	17	182	3440
1945	540	2335	2	2	...	...	3	17	1	10	...	2	...	1	7	83	3003
1946	501	2253	...	5	...	...	1	19	1	11	...	...	...	...	12	113	2916
1947	524	2258	...	3	...	...	...	20	2	15	...	...	...	3	7	112	2944
1948	474	1744	...	4	...	...	...	31	...	...	...	...	1	...	4	106	2364
1949	8	53	...	...	...	...	...	...	...	...	...	...	...	...	..	...	61

## Specimens Examined in County during the Years 1940 to 1949

From Cows or T.B.										Concentration Method Patients' Sputa.		Total Number of Examina- tions made
Milk		Sputa		Milks examined by Reductase Test	Milks examined by Coliform Test	Milks examined by Phosphat- ase Test	Milks examined by Plate Count	Total Number of Specimens examined	Pos.	Neg.		
Pos.	Neg.	Pos.	Neg.									
9	1228	..	..	12517	12517	...	...	29613	10	156	29779	
1	104	..	..	11132	9000	16	16	23765	17	268	24050	
2	115	..	..	12376	8611	2	22	24808	11	310	25129	
4	1 4	..	..	13467	7044	12	12	24586	11	212	24809	
1	182	..	..	12400	6294	...	3	22320	9	161	22490	
...	4	..	..	12726	9381	219	138	25471	4	54	25529	
2	39	..	..	13529	10303	317	7	27113	7	81	27201	
4	73	..	..	12682	10167	373	2	26245	1	88	26334	
2	222	..	..	13330	11128	447	8	27501	...	67	27566	
2	291	..	..	9400	6764	530	1	17049	...	...	17049	

## **Mental Illness**

The care and supervision of patients at home suffering from mental illness or defect is carried out by Health Visitors and Authorised Officers, and arrangements are made, in suitable cases, for help to be given by other County services, such as Home Nursing and Domestic Help.

## **Other Illnesses**

Liaison has been secured with the Almoners and other appropriate officials of hospitals so that discharged patients requiring help from any of the County Health Services may secure it without delay.

Another aspect of "care" is the investigation of "problem families" with a view to effecting any possible improvement and granting any appropriate help, *e.g.*, the loan of bedding.

An important aspect of "prevention of illness" is health education, and appropriate publicity under this heading is carried out locally.

## **Nursing Equipment**

Stocks of nursing equipment are held by District Nurses and by Divisional Medical Officers for loan to patients needing them, subject to a small deposit charge, and a weekly hire payment in the case of the more expensive items. Examples of the small items normally kept by District Nurses are urinals, hot water bottles, bed pans, feeding cups, sputum flasks, steam kettles, air rings and back rests; the larger items stored by the Divisional Medical Officers include crutches, bath chairs, spinal carriages and water beds.

Shelters for the use of tuberculosis patients are issued by the County Medical Officer and transferred by the County Surveyor's Department, in accordance with recommendations made by the Tuberculosis Officers, and confirmed, after investigation of the site, by the Divisional Medical Officer. Bedding is also kept for issue in special cases, *e.g.*, when a patient's small stock has to be taken away for disinfection or disinfestation.

## **Infectious Disease**

In order that Divisional Health Committees may have a continuous picture of the incidence of infectious disease in their areas, Divisional Offices receive full particulars of notified cases, and the County Council repays to District Councils, in accordance with the National Health Service Act, the notification fees paid to doctors. The following table gives the number of cases notified under the various headings during the year 1949.

	Scarlet Fever	Whooping Cough	Poliomyelitis	Measles	Diphtheria	Pneumonia	Dysentery	Erysipelas	Cerebro-Spinal Fever	Typhoid Fever	Paratyphoid Fever
Altrincham M.B.	— 52	99	4	363	1	37	—	9	—	—	—
Bebington M.B.	— 54	99	4	263	7	39	—	9	—	—	1
Congleton M.B.	— 26	110	1	311	3	33	—	4	—	—	—
Crewe M.B.	— 209	169	5	697	1	12	—	9	1	—	—
Dukinfield M.B.	— 94	20	—	251	1	56	—	10	—	—	—
Hyde M.B.	— 152	60	—	354	1	11	—	8	1	—	—
Macclesfield M.B.	— 119	114	3	31	5	36	2	14	—	—	1
Sale M.B.	— 126	100	4	206	—	12	—	4	—	2	—
Stalybridge M.B.	— 17	95	1	237	1	22	—	2	—	1	—
Alderley Edge U.D.	— —	15	—	73	—	5	—	—	—	—	—
Alsager U.D.	— —	58	—	28	—	6	—	—	—	—	—
Bollington U.D.	— 17	55	—	9	—	1	—	2	—	—	—
Bowdon U.D.	— 4	1	—	44	—	1	—	—	—	—	—
Bred. and Rom. U.D.	26	31	—	68	2	5	—	1	—	1	—
Cheadle and Gat. U.D.	49	70	4	253	—	8	—	7	—	—	—
Ellesmere Port U.D.	51	129	1	340	—	32	25	3	—	2	—
Hale U.D.	— 6	20	—	98	—	8	—	—	—	1	—
Hazel Grove and Bramhall U.D.	16	31	1	177	—	5	1	3	—	—	—
Hoole U.D.	— 13	25	—	74	—	5	—	—	1	—	—
Hoylake U.D.	— 53	64	2	106	1	13	—	6	—	—	—
Knutsford U.D.	— 17	13	—	8	—	1	—	—	—	—	1
Longdendale U.D.	— 7	12	—	57	—	1	—	5	—	—	—
Lymm U.D.	— 1	3	—	13	—	1	—	—	—	—	—
Marple U.D.	— 14	58	—	49	—	2	1	1	—	—	—
Middlewich U.D.	— 3	1	1	5	1	1	—	1	—	—	—
Nantwich U.D.	— 26	8	4	99	—	—	—	—	—	—	—
Neston U.D.	— 6	53	—	178	1	23	9	—	—	—	—
Northwich U.D.	— 32	28	—	131	3	16	—	5	—	—	—
Runcorn U.D.	— 77	152	4	493	—	20	—	12	—	—	1
Sandbach U.D.	— —	4	5	60	—	—	—	1	—	1	—
Wilmslow U.D.	— 8	67	3	89	1	21	—	1	1	—	—
Winsford U.D.	— 25	8	15	46	—	3	—	1	—	—	—
Wirral U.D.	— 22	31	1	131	2	14	23	1	—	—	1
Bucklow R.D.	— 144	3	—	56	—	8	—	1	—	—	—
Chester R.D.	— 16	45	1	96	—	9	1	2	1	—	1
Congleton R.D.	— 15	33	2	63	1	12	—	1	—	—	—
Disley R.D.	— 10	5	—	21	—	2	—	—	—	—	—
Macclesfield R.D.	— 28	81	2	167	1	13	—	7	1	—	—
Nantwich R.D.	— 30	107	18	291	1	31	—	3	—	—	—
Northwich R.D.	— 73	38	6	229	—	22	—	2	1	1	—
Runcorn R.D.	— 33	64	4	273	1	24	—	10	1	—	—
Tarvin R.D.	— 21	30	3	26	—	42	—	4	—	—	—
Tintwistle R.D.	— 3	7	—	25	—	—	—	1	—	—	—
TOTAL	— 1695	2216	99	6589	35	613	62	150	8	9	6

There were no cases of smallpox.

## Section VI.-Mothers and Young Children, Health Visiting, etc.

### General

The County Council's responsibilities under Sections 22 and 24 of the National Health Service Act, 1946, are in the main a continuation of work which has been done for many years, though the Health Visitors' services are now used to carry out the Council's schemes for mental health, after-care, and handicapped persons.

Number of Health Visitors employed (part-time as such) at end of year	Equivalent whole-time H.V. services provided (all classes, including Welf. Centres)	Number of visits paid by Health Visitors during the year							
		Expectant Mothers		Children under 1 year		Children 1—5 years		Other Cases	
		First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits
90	44½	3637	5789	12642	73924	3176	95276	2700	7122

### Premature Infants

Particular attention is devoted to babies weighing 5½ lbs. or less at birth, and special cots with bedding, hot water bottles, etc., are kept in readiness. 589 premature babies were born in the year under review, whose mothers normally live in the Authority's area, 195 at home and 394 in hospitals or nursing homes.

### Ophthalmia Neonatorum

6 cases of Ophthalmia Neonatorum were notified during the year; all made good recovery.

### Puerperal Pyrexia

47 cases of Puerperal Pyrexia were notified during the year, 9 being domiciliary and 38 institutional confinements.

### Maternal Mortality

The maternal mortality for 1949, *i.e.*, number of deaths per 1,000 live and still births, was 1.63, being 1.40 for puerperal sepsis and .23 from other causes.

### Ante-Natal and Post-Natal Clinics

All gynaecological clinics conducted by the County Council before 5/7/48 have been continued, together with those established by the previously independent Authorities. The Regional

Hospital Boards have agreed to pay for a proportion of the sessions attended by specialist obstetricians. In some areas there are other doctors' clinics, and in some districts midwives' clinics have been established.

The following Tables give particulars of doctors' clinics held during 1949:—

	ANTE-NATAL			POST-NATAL		
	Sessions	Attendances	New Cases	Sessions	Attendances	New Cases
Altrincham†§	50	301	74	9	45	21
Bebington (New Ferry)	99	2228	357	11	90	88
Cheadle	51	811	187			
Congleton	24	237	80	12	113	42
Ellesmere Port	103	2709	476	11	46	41
Hale†	12	57	13			
Hazel Grove	48	828	466			
Hoole	12	138	59	12	55	37
Hyde†	47	366	95			
Northwich	24	669	117			
Macclesfield‡	48	1270	583			
Runcorn	51	1317	348	10	21	18
Sale	24	295	88	12	41	6
Stalybridge	21	259	96	12	48	39

†Non-Specialist. ‡ at 3 Centres. § at 2 Centres.

### Dental Care

Increasing importance is now attached by the Ministry of Health to the provision of dental services for expectant and nursing mothers, and for young children. Facilities will be extended as opportunity offers, subject to the availability of necessary staff.

### Dental Report

The following facilities were provided for the Dental Treatment of expectant and nursing mothers and young children during the year.

A Dental Officer is in attendance for one session each week in the year, other than when the schools in that particular area are closed, at 24 different Dental Clinics situated all over the county, thus making it convenient for patients to attend from all areas except the Wirral and Tarvin and District Areas.

At the moment there is only one clinic in the Wirral, at Ellesmere Port, and in Tarvin and District at Hoole. It is hoped to equip 2 clinics in the Wirral during 1950, one at Hoylake and one at Bebington, and later at New Ferry, Heswall and Neston.

All those who cannot attend on the stated clinic day are given an appointment for a more convenient day. All emergency cases are treated on the spot. Treatment is commenced if desired, at the first visit and continued weekly until completed.

All necessary treatment required is carried out, and if necessary with local or general anaesthetic.

All dentures are set up by mechanic and impressions and fitting by Dental Surgeon.

Only one clinic possesses an X-Ray apparatus, and at all other clinics, arrangements are made with the local hospital.

The following details show the work done during the year 1949:—

	Expectant Mothers	Nursing Mothers	Children under 5
<i>(a) Numbers provided with Dental Care.</i>			
Examined	125	168	848
Needing Treatment	120	167	635
Treated	120	167	619
Made Dentally fit	87	162	448
<i>(b) Forms of Dental Treatment provided.</i>			
Extractions	201	479	614
Anaesthetics: (a) Local	83	117	362
(b) General	29	54	153
Fillings	110	51	97
Scalings or Scaling and Gum Treatment	61	92	40
Silver Nitrate Treatment	—	—	112
Dressings	14	37	6
Radiographs	2	4	—
Dentures provided:			
(a) Complete	2	45	—
(b) Partial	11	29	—

### Artificial Sunlight Treatment

During the year 1949, the attendances by children under 5 at the sunlight clinics listed below were as follows:—

Dukinfield	—	354
Hyde	—	697
New Ferry	—	721
Sale	—	838
Stalybridge	—	433

### Orthopaedic Scheme

The specialist orthopaedic sessions held at clinic premises were taken over financially by the Regional Hospital Boards, in the same way as those held at hospital premises, and suitable financial arrangements were made for the few clinics where physiotherapy was only partly under specialist supervision.

The following shews the attendances made during 1949 at such clinics (excluding those for sunlight only) by children under 5:—

Chester	.....	6
Congleton	.....	316
Crewe	.....	605
Dukinfield	.....	123
Ellesmere Port	.....	430
Hoylelake	.....	219
Hyde	.....	513
Macclesfield	.....	472
New Ferry	.....	887
Northwich	.....	122
Runcorn	.....	281
Sale	.....	173
Stalybridge	.....	211
Stockton Heath	.....	137

### Welfare Foods

The financial arrangements involved in the supply of infant foods at Welfare Centres are now mainly in the hands of Divisional Medical Officers; previously, for the old County area, they were dealt with by the voluntary committees, whose valued help in the various aspects of centre work is being continued.

### Day Nurseries

Details of the 16 Day Nurseries now maintained by the County Council, including 6 taken over on 5th July, 1948, are given on page 28. The following Table shows the position at the end of 1949:—

No. of Nurseries	No. of Places		No. of Children on register		Average daily attendance	
	0—2	2—5	0—2	2—5	0—2	2—5
16	265	451	192	568	162	445

### Care of Unmarried Mothers

Arrangements have continued whereby unmarried expectant mothers are admitted to voluntary institutions some time before the confinement, and return there with the baby for varying periods afterwards. The County Council's own Home at 7, Trinity Road, Hoylelake, provides 12 beds and 8 cots; and 35 women were admitted during the year, staying approximately six weeks before the birth and six weeks afterwards. Responsibility was accepted at other homes and hostels for 23 mothers during the year.

### Child Welfare Centres

The following Table gives particulars, as in previous years, of the sessions and attendances at Child Welfare Centres throughout the County:—

## LIST OF INFANT WELFARE CENTRES, 1949.

Centre	Frequency	Day	No. of Sessions	No. Present	No. seen by Dr.	Average Att.
Adswood	Fortnightly	1st and 3rd Monday	22	1052	324	48
Alderley Edge	Weekly	Friday	51	2284	885	45
Alsager	Fortnightly	Tuesday	25	1164	395	47
Altrincham (The Mount)	Twice weekly	Monday & Wednesday	99	11682	1798	118
Altrincham (Timperley)	Thrice weekly	Tuesday & Thursday	148	8885	538	60
Antrobus	Fortnightly	1st and 3rd Wednesday	12	241	96	20
Audlem	Fortnightly	1st and 3rd Tuesdays	24	775	242	32
Barnton	Fortnightly	2nd and 4th Wednesday	24	1123	375	47
Barrow	Fortnightly	1st and 3rd Wednesday	20	259	186	13
Bebington (New Ferry)	Weekly	Wednesday	52	4395	580	85
Bebington (Bromboro')	Weekly	Thursday	52	3994	577	76
Bebington (Eastham)	Weekly	Monday	48	1826	312	38
Bebington (Thornton Hough)	Fortnightly	Friday	26	378	31	15
Bebington (Higher Bebington)	Weekly	Tuesday	51	2315	789	45
Bebington (Mayer Hall)	Weekly	Friday	51	2562	517	50
Bebington (New Ferry Toddlers')	Monthly	2nd Thurs.	11	135	135	12
Bollington	Fortnightly	2nd and 4th Thursday	23	1138	398	49
Bowdon	Fortnightly	2nd and 4th Thursday	26	750	307	29
Bramhall	Fortnightly	1st and 3rd Monday	22	674	228	31
Bredbury	Weekly	Tuesday a.m. & p.m.	50	3402	1047	68
Broadbottom	Fortnightly	1st and 3rd Wednesday	11	388	80	35
Cheadle	Weekly	Tuesday	51	2793	996	55
Cheadle Hulme	Fortnightly	Tuesday	26	1319	400	51
Congleton	Weekly	Monday	48	2301	976	48
Crewe (Ludford St.)	Weekly	Thursday	50	2424	604	48
Crewe (Stalbridge Road)	Weekly	Monday	48	3334	789	69

LIST OF INFANT WELFARE CENTRES, 1949—*Contd.*

Centre	Frequency	Day	No. of Sessions	No. Present	No. seen by Dr.	Average Att.
Davenham —	Monthly	1st Monday	13	407	134	31
Disley —	Fortnightly	Tuesday	25	775	252	31
Dukinfield —	Twice Weekly	Wednesday & Thursday	103	5926	1374	58
Ellesmere Port (York Road)	Twice weekly	Tues. & Fri.	103	5515	451	54
Ellesmere Port (Little Sutton)	Weekly	Monday	50	2037	275	41
Farndon —	Fortnightly	1st and 3rd Tuesday	23	301	173	13
Frodsham —	Fortnightly	Tuesday	25	1215	308	49
Grappenhall	Weekly	Tuesday	51	2523	534	49
Greasby —	Fortnightly	Wednesday	26	1193	177	46
Hale —	Thrice Monthly	Each Wed. (except 1st)	40	1806	405	45
Handforth —	Fortnightly	2nd & 4th Monday	23	669	323	29
Hartford —	Fortnightly	2nd & 4th Tuesday	23	832	190	36
Haslington —	Fortnightly	Tuesday	26	888	308	34
Hazel Grove —	Weekly	Tuesday	49	2301	1250	47
Heald Green —	Fortnightly	1st & 3rd Thursday	24	994	256	41
Helsby —	Fortnightly	Tuesday	26	787	346	30
Heswall —	Fortnightly	Monday	24	1584	329	66
High Lane —	Fortnightly	Tuesday	25	507	152	20
Hollingworth	Fortnightly	1st and 3rd Thursday	24	1113	216	46
Holmes Chapel	Fortnightly	2nd and 4th Tuesday	3	99	57	33
Hoole —	Weekly	Tuesday	48	1614	572	34
Hoole (Toddlers')	Monthly	1st Thursday	12	167	94	14
Hoyleake —	Weekly	Thursday	52	2904	874	56
Huntington (at Hoole)	Fortnightly	2nd and 4th Wednesday	24	322	168	13
Hyde (Bayley Hall)	Twice weekly	Mon. & Fri.	101	4199	278	42
Hyde (Parsonage St.)	Twice weekly	Wed. & Thurs.	104	6895	1214	66
Irby —	Fortnightly	Monday	26	1228	411	47
Kelsall —	Fortnightly	1st and 3rd Tuesdays	24	896	212	37
Knutsford —	Fortnightly	Wednesday	26	1325	231	37
Lower Peover	Fortnightly	2nd and 4th Monday	23	531	159	23
Lymm —	Weekly	Tuesday	51	2054	633	40
Macclesfield (Gt. King St.)	Twice weekly	Mon. & Fri.	98	2901	866	30
Macclesfield (Gt. King St. Toddlers')	Fortnightly	1st and 3rd Wednesdays	26	367	145	14

LIST OF INFANT WELFARE CENTRES, 1949—*Contd.*

Centre	Frequency	Day	No. of Sessions	No. Present	No. seen by Dr.	Average Att.
Macclesfield — (Hurdsfield House)	Weekly	Thursday	52	3264	682	63
Macclesfield — (Hurdsfield House Toddlers')	Monthly	2nd Wed.	11	191	67	17
Macclesfield — (Sanders Square)	Weekly	Friday	52	2316	544	45
Macclesfield — (Sanders Sq. Toddlers')	Weekly	Thursday	51	853	357	17
Malpas —	Fortnightly	1st and 3rd Monday	21	261	223	12
Marple —	Weekly	Wednesday	51	3107	606	60
Marple Bridge	Fortnightly	2nd and 4th Thursday	24	946	280	39
Mellor —	Fortnightly	1st and 3rd Thursdays	24	702	280	29
Middlewich —	Weekly	Monday	48	1278	983	27
Mobberley —	Fortnightly	Tuesday	25	454	269	18
Moulton —	Monthly	3rd Wed.	12	415	95	35
Mow Cop —	Fortnightly	1st and 3rd Wednesday	24	157	134	7
Nantwich —	Weekly	Thursday	48	1668	371	35
Neston —	Weekly	Thursday	49	2171	437	44
Northwich — (Darland House)	Weekly	Tuesday	51	2065	845	40
Northwich — (Parkfield)	Weekly	Thursday	52	2387	1156	46
Over Peover—	Fortnightly	1st and 3rd Monday	22	399	188	18
Partington —	Fortnightly	1st and 3rd Thursday	24	534	158	22
Poynton —	Fortnightly	1st and 3rd Thursday	24	1629	407	68
Prestbury — (at Bollington)	Fortnightly	1st and 3rd Wednesday	24	339	97	14
Rainow (at Bollington)	Fortnightly	1st and 3rd Wednesday	23	533	195	23
Rode Heath—	Fortnightly	1st and 3rd Monday	23	292	99	13
Romiley —	Weekly	Thursday	50	2118	888	42
Runcorn —	Twice weekly	Wednesday a.m. & p.m.	104	3724	1463	36
Runcorn — (Toddlers')	Monthly	1st Monday	11	99	95	9
Sale —	Twice weekly	Tuesday & Thursday	127	6553	2136	52
Sale (Raglan Road)	Fortnightly	1st and 3rd Tuesday	6	133	98	22
Sale (Toddlers')	Monthly	2nd Wed- nesday	12	447	261	37

LIST OF INFANT WELFARE CENTRES, 1949—*Contd.*

Centre	Frequency	Day	No. of Sessions	No. Present	No. seen by Dr.	Average Att.
Sale Moor	Weekly	Thursday	52	1516	638	29
Sandbach	Weekly	Tuesday	51	2245	1103	44
Saughall	Fortnightly	1st 3rd & 5th Monday	27	555	298	21
Scholar Green	Fortnightly	2nd and 4th Wednesday	24	589	306	25
Shavington	Fortnightly	2nd and 4th Tuesday	22	789	159	36
Stalybridge (Mechanics' Institute)	Twice weekly	Tuesday & Wednesday	99	5200	1111	53
Stalybridge (Millbrook)	Fortnightly	1st and 3rd Monday	25	693	254	28
Stockton Heath	Weekly	Monday	49	1754	434	36
Sutton	Fortnightly	2nd and 4th Wednesday	23	474	105	21
Tarporley	Fortnightly	2nd and 4th Thursday	22	843	236	38
Tarvin	Fortnightly	2nd and 4th Wednesday	9	135	44	15
Tattenhall	Fortnightly	2nd and 4th Monday	22	433	200	20
Upton	Weekly	Thursday	52	1380	540	27
Weaverham	Fortnightly	Tuesday	26	792	621	30
West Kirby	Weekly	Friday	51	2947	792	58
Willaston (Wirral)	Fortnightly	1st and 3rd Fridays	24	475	235	20
Wilmslow	Weekly	Thursday	52	2251	671	63
Winsford	Weekly	Friday	51	1549	378	30
Winsford (Toddlers')	Monthly	1st Thurs.	12	222	123	19

**Nursing and Maternity Homes**

The County Council has continued to be the registration Authority for private Nursing and Maternity Homes under Sections 187 to 194 of the Public Health Act, 1936, for the whole County, and the following details show the position for the year ended 31st December, 1949:—

No. on Register, 31/12/49	—	—	39
No. of inspections during 1949	—	—	86
No. of new homes registered in 1949	—	—	3

On 1st November, 1949, the new regulations for registration and inspection of homes for old people came into effect, namely the National Assistance (Registration of Homes) Regulations, 1949. This work has also been carried out by the County Health Department.

## Section VII.-Midwifery

### General

A summary of the numbers involved is given below, further details on pp. 25-26, and general information relating both to district nurses who practise midwifery and to those who do not, in Section XI.

### Number of Midwives in Practice

There were 350 midwives who notified their intention to practise in the County Area during 1949.

County Midwives.....	.....	71
District Nurse Midwives.....	.....	109
Independent Midwives .....	.....	44
Practising in Private Nursing Homes .....	.....	28
In Institutions .....	.....	98

### Inspection of Midwives

Visits paid by Senior Assistant Medical Officer .....	.....	179
Visits paid by Assistant Supervisor of Midwives—		
Inspection of County Midwives .....	.....	288
Inspection of Independent Midwives .....	.....	20
Cases visited—		
Labours .....	.....	9
Nursings .....	.....	230
Antenatal .....	.....	327
Postnatal .....	.....	102
Pupil Midwives .....	.....	29
Lectures to Pupils and Midwives .....	.....	6

### Cases attended by County Midwives and District Nurse Midwives

	LIVE-BIRTHS		STILL-BIRTHS		
	<i>As</i> <i>Mid-</i> <i>wives</i>	<i>As</i> <i>Mater-</i> <i>nity</i> <i>Nurses</i>	<i>As</i> <i>Mid-</i> <i>wives</i>	<i>As</i> <i>Mater-</i> <i>nity</i> <i>Nurses</i>	<i>Mis-</i> <i>carriages</i>
Midwives .....	1796	1054	—	42	146
District Nurse Midwives .....	1059	797	1	28	156
Total .....	2855	1851	1	70	302



## Section VIII.-Food and Drugs Act, 1938

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### **Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949**

These Regulations came into operation on the 1st October, 1949, when this Department became responsible for the issue of licences in respect of milk pasteurising and sterilising establishments and the enforcement of the standards prescribed in the Regulations relating to—

- I. The Structural condition of such establishments, *i.e.*, lighting, ventilation, drainage, impervious floors and walls, provision of sanitary accommodation and washing facilities for the personnel, and the general cleanliness of the premises.
- II. The operation of the pasteurising or sterilising plant including the supervision of indication and recording thermometers shewing the temperature to which the milk has been raised, the periodical washing and sterilising of the processing plant, bottle filling and capping machines, milk churns, bottles, crates and vehicles used for the transportation of milk.
- III. The cleanliness of persons engaged in the handling, processing and distribution of milk.

There are twenty-six licensed establishments in the Administrative County (excluding the Borough of Crewe, which is a separate Food and Drugs Authority). They vary in size and character from the large establishments owned by important milk distributing firms to the small one-man business. Eight of the large establishments have their own laboratories in which periodical tests are made on raw milk as received from the farms, and the finished product as delivered to the consumer. Frequent tests are also made to check the efficiency of the sterilisation of the plant and equipment. Structurally the majority of these establishments are fairly satisfactory but a few are small and congested with plant and equipment making working conditions difficult. In such cases the owners have been advised to acquire or build larger and more suitable premises.

## **Tuberculous Milk**

In connection with the ascertainment of tuberculous milk, 476 samples were taken at farms by the County Sampling Officers during 1949, of which 15 proved to be positive.

Co-operation with the Ministry of Agriculture and with local Sanitary Authorities has continued, so as to ensure that the high standard of milk production in Cheshire shall be maintained and improved.

## **Samples for Analysis**

The Chief Inspector of Weight and Measures, Food and Drugs, etc. (Mr. Stacey Hallard) has reported as follows on the work of his Department in so far as it relates to samples obtained, and submitted to the County Analyst for analysis, under the Food and Drugs Act, 1938.

Certain provisions of the above Act are enforceable by the County Council as a "Food and Drugs Authority", and the main work in this respect concerns the taking of samples and submitting them to the Public Analyst for analysis. The area in which this work is carried out covers the whole of Cheshire, except the four County Boroughs and the Municipal Borough of Crewe, and much of the sampling is naturally of a routine character, similar, one might say, to a Police Constable walking his beat—not expecting trouble, but ready for it. Whilst the vast majority of the samples taken in this way are found to be genuine, nevertheless some of the most serious cases found have come to light as a result of this chance sampling. On the other hand a large number of the most successful milk prosecutions have been instigated as a direct result of the help given by one or other of the wholesale Dairy Companies who, for their individual protection, constantly analyse in their own laboratories the milk delivered daily to them by farmers. On finding an adulterated or non-standard sample a Dairy Company will usually request the aid of the Department in obtaining official samples, and a Sampling Officer is made available to follow up such initial results by taking samples on the next occasion when the suspected milk is being handed over to the Dairy by the producer.

During the year 2,060 samples of all types were obtained and submitted to the County Analyst (S. Ernest Melling, Esq., M.Sc. (Hon.), F. R. I. C.) or to his deputy (J. Graham Sherratt, Esq., B.Sc., F. R. I. C.) for analysis. These comprised 1,261 samples of milk and the remaining 799 were made up of miscellaneous articles of food, details of which will be found in the following table:—

<i>Article of food or drug.</i>	<i>Total No. Analysed</i>	<i>Samples certified as adulterated or otherwise not complying with the Regulations</i>
Bacon	22	—
Baking Powder	7	1
Brandy	2	—
Butter	37	—
Cheese	34	—
Coffee	10	—
Coffee & Chicory Essence	5	1
Cooking Fat	38	—
Gelatine	10	—
Gin	3	—
Ice Cream	71	—
Margarine	36	—
Milk	1261	83
Paste (Fish and/or Meat)	29	—
Peanut Paste	1	1
Pineapple Syrup	1	1
Preserves	22	—
Pudding Powder	1	1
Rum	10	—
Sausage	44	14
Seidlitz Powders	11	2
Shrimps	3	1
Soft Drinks	12	—
Sugar	25	—
Vinegar	16	—
Whisky	15	1
B.P. official preparations and simple household medicaments	105	—
Miscellaneous Groceries	218	—
Unclassified Samples	11	—
	<u>2060</u>	<u>106</u>

With regard to the milks of the 83 shown as adulterated or non-standard, 28 contained added water, 47 were deficient in fat, and 8 were deficient in non-fatty solids. The amount of added water present in the 28 samples varied from 2.78 per cent. to as high as 34.7 per cent, and a few typical instances of the circumstances surrounding the taking of some of these samples are as follows.

By far the most serious case of "watered" milk, and one which also emphasises the valuable help given to the Department by the Dairy Companies as a result of their own analysis of the milk delivered to them, concerns a consignment of ten churns of milk placed in a farm-yard to await the Dairy Company's collecting lorry. An Inspector of this Department, having received word that adulteration was taking place, waited in the vicinity of the farm until he saw a lorry arrive to collect the milk. He then followed the lorry into the farm-yard and after announcing his office to the farmer took a sample out of each of the ten churns and submitted them to the County Analyst for analysis. The Analyst's Certificates proved that the churns had been "watered" in amounts ranging from 17.1 to 32.8 per cent.—in effect the whole consignment of 111 gallons of milk contained over 28 gallons of added water. The Justices fined the defendant the maximum monetary penalty of £20 on each summons, a total of £200 plus £11 5s. 0d. costs.

In other cases the seriousness was accentuated by the attitude of the defendants at the time of sampling. The first was a case where the Inspector approached a trader retailing from a closed van. He demanded a certain bottle of milk and the trader leaned through the front of the van ostensibly to reach it, but, hoping the Inspector would not see him, tried to substitute another bottle for the one demanded. It so happened that the Inspector's Assistant was watching through the rear window of the van and noticed the exchange. The Inspector, on receiving this information from his Assistant, insisted on his original choice and the sample when analysed was found to contain 34.7 per cent. of extraneous water! At the subsequent hearing the Magistrates, having decided to convict, were told that the trader had been previously convicted in another area for a similar offence, and in view of this they were able to fine him £40 and £1 1s. 0d. costs; the maximum monetary penalty for a *first* offence is £20.

The second case of a similar nature concerned a producer-retailer also selling milk from a motor van. On an Inspector approaching and asking for a pint of milk the trader went to the back of the van and, opening one door, leaned inside, thus completely blocking the opening. The Inspector, looking through the other door-window saw him push a small churn away from near the door and bring forward two larger ones.

He then prepared to serve the Inspector from one of the larger churns, but, needless to say, the Inspector was more interested in the smaller churn and enquired what it contained. He was informed that it contained only a "very little milk", but on examining it he found it was half full. A sample from this was demanded and upon analysis was found to contain 8.3 per cent. extraneous water. A sample taken later from this man's cows was certified as genuine milk and accordingly he was prosecuted. The Justices ordered him to pay a fine of £1 and £2 2s. 0d. costs.

A retailer carrying a churn on a bicycle was stopped and the milk in the churn sampled. It was later certified as containing 10.1 per cent. of extraneous water, whereas a corresponding sample the Inspector took direct from the retailer's cows a day later was genuine. The retailer was fined £4 and ordered to pay £2 2s. 0d. costs.

Acting on information received from the Manager of a Dairy Company, an Inspector kept watch on four churns he had seen being placed outside a farm ready for the Dairy Company's lorry. When the lorry arrived samples were taken from the churn and the milk proved to contain amounts of extraneous water varying between six and eight per cent. The following day the Inspector twice visited the farm and after he had supervised both the morning and evening milking he took samples, which when analysed proved that the cows were producing genuine milk. The Justices subsequently fined the defendant a total of £10 together with £6 6s. 0d. costs.

An Inspector stopped a motor vehicle laden with crates of bottled milk and churns containing milk produced by different farmers. He took six samples from this assortment and five proved to be genuine—the remaining one contained 13.2 per cent. of extraneous water. As a result of information supplied by the retailer the Inspector, next morning, followed him into the farmyard of the producer of the 'watered' milk and there took a sample from each of three churns in the dairy awaiting collection. One of these proved to be adulterated with 10.2 per cent. of extraneous water whereas the other two were genuine. An 'appeal to cow' sample taken at the farm later the same afternoon was certified as genuine and accordingly the producer was taken before the Justices. He was fined £2 and £3 3s. 0d. in respect of the sample sold by the retailer and a further £2 and £2 12s. 6d. costs in respect of the sample taken at his own farm.

The risk involved in selling milk from a churn with a tap at the bottom was clearly demonstrated when milk sold from such a churn was found to be 42 per cent. deficient in fat. Even with elementary knowledge the retailer should have known that

if he failed to keep the milk thoroughly stirred the cream would remain behind resulting in the early customers receiving poor milk and the later ones very rich milk. The Magistrates subsequently fined this trader £10 plus £3 3s. 0d. costs.

Another serious deficiency in fat (32 per cent.) was found when the milk consigned to a Polish Hostel was intercepted at seven o'clock one Saturday morning as it arrived at the Hostel. A sample was taken from a mixture of the contents of five churns and another from a bottle selected at random from a number of crates of bottled milk. As the seller was not the producer, "follow up" samples were later taken from the milk as supplied to him by the producer and these proved to be genuine. The seller was prosecuted and fined £10 and £2 2s. 0d. costs.

This brief résumé of some of the more unusual of the milk prosecutions will show that in spite of constant and systematic sampling and the fact that no trader knows when a Sampling Officer will turn up there are always some optimistic enough to hope that they will somehow manage to avoid the unwelcome attentions of the Sampling Officer. In all, 25 summonses were issued in respect of these non-standard milks and the total penalties inflicted amounted to £368 12s. 6d.

Regarding samples other than milk it will be seen that 23 failed to reach the legal or recognised standard of quality, and, of these, no less than fourteen were samples of sausage. In all but one instance the sausages reported against were certified as being deficient in meat content, the deficiencies ranging from 12 per cent. to as high as 68 per cent. In the past the question has often been asked "what is a sausage?" and the answer has remained somewhat of a mystery to the purchasing public. Nowadays, however, there is in force a Ministry of Food Order which makes a meat content of 50 per cent. compulsory. As this Order has been in force for several years the only mystery now remaining seems to be why so many butchers persist in risking their reputations by making an inferior article. In three of the above cases legal proceedings were instituted and the respective fines were £2, £5, and £10, plus costs. In the other instances cautionary letters were sent to the butchers concerned.

Brief particulars regarding the remaining samples which were reported against are given below and include (in parenthesis) the analysis:—

1. Pineapple Syrup (contained 400 parts per million of Sulphur Dioxide instead of a maximum of 350 parts per million). Manufacturers were cautioned.

2. Peanut Paste (label claimed the presence of vitamins and mineral salts, but did not specify the minimum quantity of every such substance contained in each ounce of the food as required by the Labelling of Food Order, 1946). This article was tinned in Australia and the importers were traced and cautioned.
3. Beef Sausage (50 per cent. deficient in meat content). Informal sample. See corresponding formal sample No. 4.
4. Beef Sausage (68 per cent. deficient in meat content). Formal sample *re* No. 3 above. Seller fined £5 and £1 1s. 0d. costs.
5. Coffee and Chicory Essence (in active state of fermentation). This sample was taken as a result of a complaint, by a retailer, that bottles were exploding in his shop. All remaining stock was returned to the manufacturer and full particulars sent to the Chief Sampling Officer of the town where the essence was manufactured.
6. Beef Sausage (48.8 per cent. deficient in meat content). Informal sample. See corresponding formal sample No. 7.
7. Beef Sausage (34 per cent. deficient in meat content). Formal sample *re* No. 6 above. Seller fined £2 and £1 1s. 0d. costs.
8. Beef Sausage (34 per cent. deficient in meat content). Informal sample. Three attempts have been made to obtain a corresponding formal sample but no sausages have been on sale on such occasions.
9. Beef Sausage (32 per cent. deficient in meat content). Seller fined £10 and £1 1s. 0d. costs.
10. Shrimps in vinegar and honey (devoid of honey although statement on label declared such constituent to be present). A cautionary letter sent to the address of the manufacturers as shown on the label was returned through the dead letter office. A communication was then sent to the Yorkshire Authorities and after investigation they stated that the firm had closed down and its present whereabouts were unknown.
11. Beef Sausage (20 per cent. deficient in meat content). Seller cautioned.
12. Beef Sausage (16 per cent. deficient in meat content). Seller cautioned.

13. Beef Sausage (65 per cent. deficient in meat content). informal sample. See corresponding formal sample No. 14.
14. Beef Sausage (60 per cent. deficient in meat content). Seller fined £5 and £1 1s. 0d. costs.
15. Beef Sausage (12 per cent. deficient in meat content). Seller cautioned.
16. Pork Sausage (contained 50 per cent. of Sulphur Dioxide Preservative). Informal sample. See corresponding formal sample No. 17.
17. Beef Sausage (14 per cent. deficient in meat content). Formal sample corresponding to No. 16. Even though pork sausage was unobtainable when this second purchase was made, it was naturally anticipated that the sample would contain Sulphur Dioxide as in the case of the informal sample, but none was found; it did, however, prove to be deficient in meat content. The seller was cautioned.
18. Baking Powder (14 per cent. deficient in  $\text{CO}_2$ ). This was found to be old stock which had deteriorated due to storage. The seller was cautioned and undertook to withdraw the remaining packets from sale.
19. Beef Sausage (26 per cent. deficient in meat content). A corresponding formal sample obtained later was genuine and accordingly the seller was cautioned in respect of the original sample.
20. Whisky (contained 5.7 per cent. excess water). Seller was prosecuted and fined £5 plus £1 1s. 0d. costs.
21. Seidlitz Powder, Double Strength (the blue paper contained only half as much again of Rochelle Salt than is present in ordinary Seidlitz Powder whereas it should have contained twice as much Rochelle Salt). Seller cautioned.
22. Seidlitz Powder, Double Strength (normal B.P. Seidlitz Powders and not of double strength Seidlitz Powders as labelled). The Analyst further observed that "the packet contained two blue papers of normal strength to one white paper, from which it would appear that the Chemist thought that by so doing he made powder of double strength". The seller was cautioned.
23. Pudding Powder (so infected with grain mites as to render it unfit for human consumption). Result of analysis was passed to the Sanitary Inspector of the area in which the sample was purchased in order that he could arrange for it to be condemned by a Justice of the Peace.

In concluding this report it is highly satisfactory to note that the figure of 5.1 per cent. of samples certified as non-standard or adulterated is the lowest percentage of any year since before the war and certainly shows that a great effort is being made by all reputable manufacturers and distributors to ensure that the County's food supply is of good wholesome quality.

Comparative percentages for the past twelve years are shown below:—

<i>Year.</i>	<i>Percentage of samples certified as non-standard.</i>
1938	5.4 per cent.
1939	6.5 " "
1940	9.0 " "
1941	11.5 " "
1942	11.5 " "
1943	8.3 " "
1944	8.2 " "
1945	5.7 " "
1946	7.2 " "
1947	7.2 " "
1948	5.5 " "
1949	5.1 " "

## Section IX. Mental Health

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### PART I. MENTAL ILLNESS.

In reviewing the year's work in connection with this Section of the Department, it is desirable to reiterate, that the Local Health Authority is responsible for the Community aspect of dealing with cases of mental illness, and the Regional Hospital Board for providing the Consultant medical service, and where required the hospital accommodation.

The community service is carried out by the eleven District Authorised Officers, and their sphere of work is subject to pre-admission compliance with the statutory requirements of the Lunacy Act, 1890, and the Mental Treatment Act, 1930, and in appropriately recommended cases, includes, on discharge, "after-care" supervision, as referred to in Section 28 of the National Health Service Act, 1946.

### STATUTORY PROVISIONS.

The principal sections of the foregoing Statutes relating to admission of patients are as follows:—

#### *Mental Treatment Act, 1930.*

Under this Act two types of patients are recognised.

*Section 1.* Voluntary admission following written application to the Medical Superintendent of a Hospital.

*Section 5.* Temporary admission of a person, incapable of expressing willingness or unwillingness to receive treatment, accompanied by a recommendation of two doctors, one of whom must be the patient's own doctor and the other a doctor approved by the Minister of Health.

#### *Lunacy Act, 1890.*

This Act defines the procedure for securing admission to hospital for patients for whom certification is necessary.

*Section 11.* An urgency Order, accompanied by a medical certificate valid only for seven days, unless a Petition is pending.

*Section 5.* Presentation of a Petition by the patient's relatives, accompanied by two medical certificates and an Order of a Judicial Authority.

*Section 14 and 16.* A Justices' Summary Reception Order for admission, accompanied by one medical certificate.

*Section 21.* A Justices' Order for temporary removal, for observation and further examination, for a period not exceeding 14 days.

*Section 20.* In cases of extreme urgency, and where none of the alternative procedures are appropriate, the "three-day Order" made by the Authorised Officer.

#### ADMISSIONS.

Table I contains particulars of the patients admitted to the respective hospitals within the Liverpool and Manchester Regional Hospital Board Areas, indicating under which of the statutory procedures admission was secured. It will be observed that the figures reveal an increase in the number of cases admitted for hospital treatment, and that this is accounted for by the increase in the number of voluntary patients. It is significant of the changed attitude on the part of both the incapacitated and the Hospital dealing with the mentally ill, that treatment has been recommended and accepted in the early stages of mental disorder.

#### ACCOMMODATION.

Anxiety has arisen from time to time on the inability to secure the appropriate bed for the patient requiring hospital treatment, necessitating, on occasions, compilation of a waiting list, entailing daily contact with the hospital Authority and the Regional Boards, and ultimate conveyance of the patient to a hospital at a considerable distance from home and relatives. The patients most frequently affected by the continued pressure on existing accommodation are those of ageing senility where the family Doctor has advised that institutional nursing and care are imperative both for the patient and the relatives.

Table II gives the sources of notification to the service of persons suffering from mental trouble, most of whom originate from medical initiative, and who were dealt with in the manner outlined in the preceding table.

#### AFTERCARE.

During the period under review the number of cases referred to the Department for after-care visitation following discharge from hospital were, Upton 130 cases, Parkside 139 cases, Winwick 28, other hospitals 4 cases.

#### RECORDS.

According to the statutory notifications furnished to the County Medical Officer, the number of patients in the regular

Mental Hospitals and designated Mental Hospitals on the 1st July, 1950, compared with the previous years, were as shown below:—

<i>Hospitals</i>	<i>Patients at</i> 1/7/50		<i>Patients at</i> 4/7/49		<i>Patients at</i> 5/7/48	
	<i>Men</i>	<i>Women</i>	<i>Men</i>	<i>Women</i>	<i>Men</i>	<i>Women</i>
Upton .....	300	468	282	447	271	431
Parkside .....	576	711	554	676	464	655
Stockport .....	26	29	30	27	22	24
Ashton .....	36	31	29	28	14	12
Nantwich .....	14	21	16	19	11	3
Others .....	56	78	58	94	22	35
	<u>1008</u>	<u>1338</u>	<u>969</u>	<u>1291</u>	<u>804</u>	<u>1160</u>

TABLE I

The following table shows the number of Patients suffering from mental illness admitted to hospital during the period 2nd July, 1949 to the 1st July, 1950:—

HOSPITAL	Mental Treatment Act, 1930		Lunacy Act, 1890						TOTALS			
			s. 5 (Temp.)		s. 20 (3 Day)		s. 21 (14 Day)		s. 16 (Certified)			
	s. 1 (Vol.)		M.	F.	M.	F.	M.	F.	M.	F.		
<i>Liverpool Region</i>												
Upton, nr. Chester	51	82	—	4	5	2	19	24	29	39	104	151
Rainhill, nr. Liverpool	—	1	—	—	—	—	—	—	1	1	1	2
Winwick, nr. Warrington	5	2	—	—	1	1	3	13	2	5	11	21
Smithdown Rd., Liverpool	—	—	—	—	1	—	—	—	—	—	1	—
Tranmere, Birkenhead	1	—	—	—	5	3	16	7	5	7	27	17
Whiston, Prescot	—	—	—	—	—	—	1	—	—	—	1	—
Population, 239,179	57	85	—	4	12	6	39	44	37	52	145	191
<i>Manchester Region</i>												
Parkside, Macclesfield	18	15	—	2	—	4	5	12	61	70	84	103
Prestwich, Manchester	1	—	—	—	—	—	—	—	—	2	1	2
Lancaster Moor, L'caster	—	—	—	—	—	—	—	—	1	1	1	1
Barony, Nantwich	1	3	—	—	16	6	7	7	2	5	26	21
Shaw Heath, Stockport	—	—	—	—	4	18	8	18	3	16	15	52
Lake, Ashton-u- Lyne	—	—	—	—	11	1	9	2	—	—	20	3
Ollersett, New Mills	—	—	—	—	—	—	—	—	—	1	—	1
Crumpsall, Manchester	1	—	—	—	1	—	—	—	—	1	2	1
Population, 556,411	21	18	—	2	32	29	29	39	67	96	149	184
<i>Others</i>												
Cheadle Royal, Cheshire	1	2	—	—	—	—	—	—	1	2	2	4
Denbigh, Mid-Wales	—	—	—	—	—	—	—	—	1	1	1	1
	1	2	—	—	—	—	—	—	2	3	3	5
<b>Totals</b>	79	105	—	6	44	35	68	83	106	151	297	380
Combined Totals Corresponding Period 1949/1950	83	3	—	59	121	303	677	569				

TABLE II.

Source of Notification of Cases of Mental Illness.

DISTRICT.	No. of Admissions	Family Doctor	Hospital Doctor	Out-Patient Clinic	Works Doctor	Divisional M.O.	Relatives	Patient	Police	Inspector N.S.P.C.C.	Neighbours	Welfare Department	Total Notifications	Referred to Out-Patient Clinic	Action deferred
<i>Liverpool Region</i>															
1. Wirral	152	95	46	40	5	3	9	6	7	—	—	—	211	59	22
2. West	84	43	27	27	—	2	4	1	6	1	—	2	113	22	14
3. Runcorn	99	44	13	33	—	—	10	2	6	—	—	—	108	25	5
	335	182	86	100	5	5	23	9	19	1	—	2	432	106	41
<i>Manchester Region</i>															
4. Mid-Cheshire	35	26	17	—	1	—	4	1	1	—	—	—	50	8	14
5. Nantwich	29	32	6	—	—	1	2	—	5	—	—	—	46	5	1
6. Crewe & Sandbach	42	30	10	—	—	—	8	—	8	—	—	—	56	—	6
7. Altrincham & Sale	21	19	3	—	—	—	2	—	6	—	—	—	30	—	10
8. Bucklow & Wilmslow	20	17	5	—	—	—	—	1	1	—	—	1	25	—	3
9. Macclesfield & Congleton	51	60	20	—	—	—	12	3	20	—	2	—	117	22	28
10. North-East	74	77	33	—	—	2	1	2	9	—	—	1	125	18	16
11. Hyde & Stalybridge	69	78	20	—	—	7	1	1	7	—	—	—	114	—	17
	341	339	114	—	1	10	30	8	57	—	2	2	563	53	95
TOTAL	676	521	200	100	6	15	53	17	76	1	2	4	995	159	136

## Part 2.—Mental Deficiency Acts, 1913-28.

### *Particulars of Mental Defectives as on 31st December*

Number of Cases "Subject to be dealt with":—

		1948			1949		
1.	Under "Order":—						
(a)	In Institutions (including cases on Licence) _____	M. 237	F. 179	T. 416	M. 288	F. 227	T. 515
(b)	Under Guardianship (including cases on Licence)— _____	—	—	—	—	—	—
2.	In "Places of Safety": _____	1	2	3	4	3	7
3.	Under Statutory Supervision _____	614	527	1141	481	509	990
4.	Action not yet taken under any of the above headings _____	93	61	154	36	38	74

### *Ascertainment*

The methods of ascertainment were the same as in previous years. Every effort is made to obtain particulars of all mental defectives in the County. Health Visitors, District Nurses, Authorised Officers, Head Teachers, parents and various officials report cases, and all persons whose work makes defectives known to them are well aware of the Authority to which information should be supplied.

### *Guardianship*

At the 31st December, 1949, there were no cases under Guardianship.

### *Supervision*

Statutory supervision is carried out by Health Visitors and Authorised Officers, who visit each case several times during the year and report on their visits. There were 990 cases so supervised at 31.12.49.

### *Occupation Centres*

There are no occupation centres in the County as yet, but use is made of neighbouring County Borough facilities.

### *Licence, Discharge and After-Care*

Eight cases who had been on licence from an Institution were discharged from Order during the year under review.

PROVISION OF INSTITUTIONAL ACCOMMODATION  
(INCLUDING CASES ON LICENCE)  
AT 31st DECEMBER

<i>Institutions for Defectives provided by the State—</i>	1948			1949		
	M.	F.	T.	M.	F.	T.
Moss Side, State Institution	—	—	—	5	1	6
Rampton State Institution, Retford	—	1	1	11	5	16
<i>Other Institutions—</i>						
Cranage Hall	95	115	210	96	134	230
Mary Dendy Hospital, Alderley Edge	75	26	101	89	36	125
Calderstones, Whalley, Blackburn	8	—	8	22	1	23
Brentry Colony, Bristol	4	—	4	4	—	4
Durran Hill, Carlisle	—	1	1	—	1	1
Gillibrand Hall, Chorley	—	2	2	—	2	2
Hillside, Buntingford	1	—	1	1	—	1
Lisieux Hall, Chorley	1	—	1	1	—	1
Princess Christian's Farm Colony, Hildenborough, Kent	—	1	1	—	2	2
Royal Albert Hospital, Lancaster	6	6	12	14	8	22
Royal Earlswood Institution, Redhill	1	1	2	1	1	2
St. Mary's Home, Alton	—	1	1	—	1	1
St. Raphael's Colony, Brentford	1	—	1	1	—	1
Stoke Park Colony, Stapleton, Bristol	10	6	16	10	10	20
Swinton Hospital, Manchester	2	3	5	2	4	6
Whittington Hall, Chesterfield	—	2	2	—	2	2
Arclid Hospital, Sandbach	31	10	41	32	10	42
Llys Maldwyn Hospital, Caersws	—	2	2	—	3	3
Greaves Hall, Banks, Southport	2	—	2	2	—	2
Ashton House, Birkenhead	—	2	2	—	5	5
Botley's Park, Chertsey	—	—	—	—	1	1
The Manor, Gt. Sutton	—	—	—	—	1	1
Prudhow & Monkton Colony, Northumberland	—	—	—	—	1	1
Brockhall, Blackburn	—	—	—	2	—	2
	237	179	416	302	235	537

## Section X.-Domestic Help

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Under Section 29 of the National Health Service Act, 1946, the County Council is empowered to provide a Domestic Help Service for households where such help is required owing to the presence of any person who is ill, lying in, an expectant mother, mentally defective, aged, or a child not over compulsory school age.

The service is one of those which have been devolved to Divisional Health Committees for organisation, administration, and management within the approved estimates. It is not one of the services provided free under the Act, and the Local Health Authority has adopted the payment scale recommended by the County Councils Association.

Number of Domestic Helps employed at 31st December, 1949:—

- (a) Whole-time, 51
- (b) Part-time, 158

Number of cases in which Domestic Helps were provided under the Council's Scheme—1713.

## Section XI.-Home Nursing

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Under Section 25 of the National Health Service Act, the County Council has the duty to provide a full service for nursing sick persons at home free of charge to the patient.

Details of the nurses and nurse-midwives employed by the County Council are given earlier in this report, together with their districts.

District Nurses have been accustomed to provide their patients with items of nursing equipment, often small or consumable, such as paper handkerchiefs, urinals, and hot water bottles, but often larger or transferable, such as air beds and crutches; in some cases there had been more expensive items to lend, such as bath chairs. Arrangements have been made for continuing the supply of all such items on a greatly increased scale, and this service now forms part of the County Council's arrangements under Section 28 of the Act (see Section V).

The following statistics give some idea of the scope of the service and the work done:—

(a) Number of Home Nurses at 31/12/49:—		
(1) Whole-time on General Nursing.....	.....	39
(2) Part-time on General Nursing .....	.....	128
(b) Equivalent whole-time home nursing service provided in (a) (2) .....		73
(1) Number of visits paid by Home Nurses, 1949 .....	.....	318,662
(2) Number of cases attended by Home Nurses 1949 .....	.....	15,529
(c) Number of houses owned by County Council		17
(d) Number of motor vehicles owned by County Council .....		62
(e) Number of nurses receiving County allowance for their own cars .....		39
(f) Number of telephone rentals being paid .....		121

## Section XII.-Handicapped Persons

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### **General**

Under Section 29 of the National Assistance Act, 1948, the County Council provides Welfare Services for handicapped persons, and the scheme under this heading has been made the responsibility of the County Health Committee.

The classes of handicapped persons to which the section applies are the blind, the deaf or dumb, and others substantially and permanently handicapped by illness, injury, congenital deformity, or such other disability as may be prescribed. Enquiry and discussion have proceeded with the various associations concerned regarding all these categories, and help has in some cases been given by the supply of materials for work at home, but the Ministry's direction, which is the authority for the formulation of a detailed scheme, has so far been given only in respect of blind and partially sighted persons.

### **Blind Persons**

The Council's approved scheme so made continues, with necessary amplification, the scheme carried out in previous years in accordance with the Blind Persons Acts. Its details are executed by the Blind Welfare Societies at Chester, Ashton-under-Lyne, and Macclesfield, with which appropriate financial arrangements have been made. The Welfare Services of these Societies have, in accordance with the new scheme, been extended, so far as they are applicable, to partially sighted persons.

### *Certification*

To ensure that no person's name is placed on the register without the certificate of a medical practitioner with special experience in ophthalmology, all applicants were examined by the County Oculist. Those who so wished were examined a second time under the Medical Referee Service—conducted jointly with the North Regional Association—by independent Medical Referees.

*Statistics*Number of Registered Blind Persons in the County at  
31st March

	1949
Under 5 years .. .. .	2
5—16 years .. .. .	23
16—21 years .. .. .	10
21—40 years .. .. .	99
40—50 years .. .. .	89
50—65 years .. .. .	263
65—70 years .. .. .	136
70 years and over .. .. .	482
Unknown age .. .. .	—
<b>Total .. .. .</b>	<b>1104</b>

Registered Blind Persons in County, aged over 16 years, employed,  
or otherwise, at 31st March

	1949
Employed { in Workshops & Workrooms	26
{ as Home workers .. .. .	29
{ variously .. .. .	43
Unemployed .. .. .	970
Undergoing Training .. .. .	11

*Workshop Employees*

Annual grants were continued at a fixed rate per head to recognised Workshops for Cheshire employees. A "minimum wage" principle has been adopted for certain workers, their income being made up to a fixed amount. On this principle there were 7 male and 2 female employees at Chester, 3 male employees at Macclesfield, 1 male and 1 female employee at Warrington, 1 male employee at Stockport and 1 male employee at Henshaw's at the end of 1949, while on the fixed rate system there were 3 males at Liverpool and 2 females at Henshaw's.

*Home Workers*

The three voluntary societies arranged for the employment at home of those capable of it. Augmentation of 25/- weekly was given by the Council to all County approved Workers, who numbered 26 at the end of 1949.

*National Library for the Blind*

Grant at the rate of £50 a year was made in 1949 to the National Library for the Blind on behalf of each of 2 Cheshire Home Workers who are Blind Copyists for its northern branch, apart from the usual annual grant for general services, which are used by over 100 Cheshire residents.

*Other Services*

The usual annual grants were continued in 1949 to the National Institute for the Blind and the North Regional Association for their respective national and regional services.

*Wireless Certificates*

137 Certificates entitling the recipients to a free wireless licence were issued in 1949 to applicants on the register.

## Section XIII.-Water Supplies, Sewerage and Sewage Disposal

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Water supplies and sewerage schemes are still affected by the economic situation and the limited supply of labour and materials available for such services. Priority is now being given to works of water supply in rural areas. Water mains are being laid in the western part of the county (Tarvin Rural District) in which some three and a half miles of mains have been laid during the year. A programme of mains extensions is also being carried out in the area of the Mid and South-east Cheshire Water Board. This is part of the Board's long term plans for re-organising the distribution system and improving pressure in certain districts. At the time of writing this report two new borewells are under construction at Delamere and Utkinton, which are needed to meet increasing industrial and domestic demands for water in the Board's area of supply. A borewell is being sunk at Pott Shrigley by Macclesfield Rural Council, which is intended to supply a part of the rural district. Congleton Corporation is constructing a borewell and a reservoir in the parish of Bosley, some three miles east of the town. These works will supplement the existing sources of supply which are inadequate to meet present demands.

A Ministry of Health Inquiry was held in January into an application by a large oil refining company to sink twelve borewells in the parish of Thornton-le-Moors, mainly for industrial use. The scheme was opposed by the County Council, two Rural Councils and the West Cheshire Water Board. Objections, however, were over-ruled and the work is proceeding. Since the publication of the Report of the Ministry of Health in 1948, on the water supply in the Wirral Peninsula, the position has become more acute. The proposed extension of a Ministry of Supply Depot at Capenhurst for industrial purposes will ultimately increase consumption by four million gallons per day. The West Cheshire Water Board intend to seek powers to abstract water from the river Dee at Chester, for industrial use in the Wirral.

Apart from sewer extensions in the Urban District of Hale works of sewerage and sewage disposal have been confined to the rural districts, mainly in connection with Council housing schemes.

There is a tendency in some rural districts, for reason of economy, to place sewage works in close proximity to council houses. Such works are a potential nuisance, or at least detrimental to the amenities of the housing site. Effective representations were made in three instances where proposed sewage works were considered too close to houses. In another instance an objection was made to the proposed extension of an existing sewage works originally constructed in 1933 in close proximity to a school. The rural council subsequently agreed to the removal of the works. A contribution towards the cost was made by the County Council. Another instance occurred where the sewage disposal arrangements of a rural council housing site caused a serious nuisance and pollution within nine months of completion, owing to insufficient consideration being given to sewage disposal. In a few cases where rural councils desired to use highway surface water drains as outlets for sewage effluents from council housing sites such applications have had to be refused.

In the selection of rural housing sites the first consideration ought to be the satisfactory disposal of sewage.

Some village sewerage schemes have been approved in principle following Ministry of Health Inquiries but authority to proceed with the work is being withheld unless there are urgent public health reasons for the schemes to be carried out.

Local authorities have been urged to submit draft schemes for approval so that there will be no delay in commencing the work when labour and materials become available.

### **Rural Water Supplies and Sewerage Act, 1944.**

During the year local authorities submitted the following schemes which were examined and approved for contributions by the County Council under the Act:—

#### *Alsager Urban District.*

Sewer extensions in Close Lane area to provide drainage facilities for twenty-one dwelling houses and adjacent land which is scheduled for residential development.

#### *Bucklow Rural District.*

Ashley—Works of sewerage and sewage disposal for the village of Ashley, where the Rural Council propose to build twenty-six houses.

Plumley—Works of sewerage and sewage disposal for residential development near railway station, together with twenty-two proposed council houses. The scheme is designed for an ultimate population of 500.

Partington—Works of sewerage and sewage disposal for the village of Partington where large scale housing development is anticipated in connection with local industrial expansion. The first stage of the scheme is designed for a population of 3,000, ultimate 6,000.

*Chester Rural District.*

Barrow—Works of sewerage and sewage disposal for the village of Barrow, Barrowmore Institution and Hospital. The scheme is designed to deal with an ultimate population of 1,500, of which 500 represent the village and 1,000 staff and inmates of the Institution and Hospital.

*Nantwich Rural District.*

Works of sewerage and sewage disposal for the under-mentioned parishes or villages:—

Alraham—The scheme will provide sewerage facilities for some ninety dwelling houses, and sewage disposal works on the south side of the village, near Bunbury Locks.

Calveley—The scheme includes the provision of sewers for thirty-eight dwelling houses near the railway station and a large milk collecting depot. The sewers will gravitate to existing tanks and filters for the treatment of sewage and trade waste at the milk depot.

Audlem—The scheme will provide sewerage facilities for 276 premises in the village of Audlem. The sewers will gravitate to a new disposal works on the south-west side of the village.

Audlem (Cox Bank)—Cox Bank is an isolated hamlet one mile south of Audlem. Some thirty-one dwellings will be seweraged to a small, separate disposal works.

Faddiley, Brindley and Burland—The scheme will provide sewerage facilities for ninety-six scattered dwelling-houses the majority of which are on the Nantwich—Wrexham Road, between  $2\frac{1}{2}$  and  $4\frac{1}{2}$  miles west of Nantwich. The sewers will gravitate to sewage works on the north side of Wrexham Road.

Basford—The scheme includes a pump well, ejector and ninety yards of sewer for twelve houses in Larch Avenue, Basford, which cannot gravitate into the local sewerage system.

Stoke—(Barbridge Village)—The scheme will serve sixty-eight dwelling-houses and two farms. It is capable of being extended to deal with twenty-seven acres of land adjoining the village which has been zoned for future development. Sewage disposal works will be sited on the east side of the village.

Bunbury—The undulating character of this village will necessitate the whole of the sewage being pumped before reaching the sewage disposal works on the north-east side of the village. There are two hundred and forty-five premises on the route of the sewers.

Weston—Under this scheme the sewage from ninety-four premises will gravitate to sewage disposal works on the west side of the village.

Worleston and Aston-juxtra-Mondrum—This scheme is intended to sewer forty-three premises to a sewage disposal works on the south side of the village.

Wrenbury—The scheme includes the provision of sewers and sewage disposal works for the village of Wrenbury, consisting of one hundred and seventy-one dwellings. It has been recommended that consideration should be given to Wrenbury Hall Institution being included in the scheme.

Wrenbury (Newhall Area)—The scheme provides for sewerage for some twenty-six houses on the Nantwich—Whitchurch Road into the Newhall Dairies Disposal Works, under agreement.

Wybunbury—This scheme is intended to deal with the village of Wybunbury containing one hundred and twenty-six premises and a council housing site of eighteen houses now being developed. Adverse levels will necessitate the eastern part of the village draining to a sewage pumping station from which the sewage will be pumped to treatment works.

Wistaston (part)—Thirty-nine houses and a school adjoining the eastern boundary of Nantwich Urban District are proposed to be drained to a sewage pumping station from which the sewage will be pumped into the Rural Council's sewers.

#### *Tarvin Rural District.*

Cuddington, Chorlton—4,900 yards of water main extensions in the parishes of Cuddington and Chorlton.

Tattenhall—Extension of sewer for 291 yards in the Keysbrook area to serve five houses and land intended for a Council housing site.

Farndon—Works of sewerage and sewage disposal for the village of Farndon. The sewers are designed for an ultimate population of 2,000. The sewage disposal works will be constructed in three stages for populations of 650, 1,300, and the ultimate maximum of 2,000.

Tushingham—Extension of water mains for seven hundred yards in the parish of Tushingham to supply fifteen houses, one farm and a school.

Tarvin Rural District (Northern Area)—Water Supply.—The Scheme includes a connection to the Vyrnwy Aqueduct in the parish of Ashton, together with improved distribution mains in the northern parishes of the Rural District originally supplied by the Mid and S.E. Cheshire Water Board.

Tattenhall—Extension of the existing sewers for a distance of 207 yards in the village of Tattenhall for fourteen Council houses and five other dwelling-houses.

No Man's Heath—Extension of the sewers for a distance of 457 yards to serve ten Council houses.

Gates Heath, Golborne Bellow—Works of sewerage and sewage disposal for twenty-one houses, eight of which are new Council houses.

Chorlton, Cuddington, Shocklach—Extension of water main in the village of Malpas for a distance of 1,217 yards to improve pressure in the adjacent parishes of Chorlton, Cuddington and Shocklach.

Tilston—Works of sewerage and sewage disposal for the village of Tilston, including a Council housing site. The first stage of the scheme is designed for a population of 160, second and third stages each approximately 170, ultimate maximum 500.

Schemes are in varying stages of preparation for extending or re-constructing sewage works for the Urban areas of Alderley Edge, Altrincham, Bowdon, Crewe, Hale, Middlewich, Wilmslow and Winsford.

*Ministry of Health Inquiries, 1949.*

5/1/1949 & 18/1/1949—Shell Oil Company—Twelve borewells at Thornton-le Moors for industrial water supply.

13/9/1949—Tarvin Rural District Council—Works of sewerage and sewage disposal for the village of Farndon, at a cost of £22,408.

19/10/1949—Hale Urban District Council—Works of sewerage for the north watershed of Hale Urban District, and Joint sewage disposal works for the Urban Districts of Hale and Bowdon, £133,707.

Bowdon Urban District Council—Joint works of sewage disposal for the Urban Districts of Bowdon and Hale, £38,293.

9/11/1949—Mid & S. E. Cheshire Water Board—Construction of two 30 inch dia. borewells and pumping stations in the parishes of Delamere and Utkinton for augmenting the supply of water in the Board's area, at a cost of £63,300.

30/11/1949—Bucklow Rural District Council—Works of sewerage and sewage disposal for the villages of Ashley, £5,100; Plumley, £3,150.

