

**REPORT ON THE  
SUPPLY OF ELECTRICITY  
IN GREAT BRITAIN**

PEP (Political and Economic Planning) is an independent non-party group, consisting of more than a hundred working members who are by vocation industrialists, distributors, officers of central and local government, university teachers, and so forth, and who give part of their spare time to the use of their special training in fact-finding and in suggesting principles and possible advances over a wide range of social and economic activities. By means of the fortnightly broadsheet, PLANNING, PEP keeps in continuous touch with a large number of men and women interested in social and economic reconstruction. The group has issued nearly ninety broadsheets on a considerable variety of subjects and has also published full-scale reports on the coal-mining, cotton and iron and steel industries, housing and building, retirement pensions and continued education from the age of 14. Details of these are given inside the back cover.

The present Report is the result of a study of the distribution side of the electricity supply industry under existing conditions, the most significant of which is that while the industry itself is regulated and controlled, its relations with its competitors are not. It will be followed by a more general survey of, and proposals concerning, the national fuel and power problem, on which PEP is at work. Here a word of warning must be given. Owing to the magnitude of the subject its study has inevitably had to be devolved in the first stage upon separate groups with the necessary technical qualifications to deal with coal, gas, and electricity respectively. The present Report is written from the standpoint of the electricity group. Its conclusions may be found to require some modification and adaptation when the problem of fuel and power is studied as a whole by a later group working from the wider point of view.

PEP issues this Report in the conviction that an essential step in tackling effectively the larger problems of inter-relations between different industries is that members of each industry should understand the general problems of their own industry, and should devise the necessary institutions to deal with them. This Report seeks to put down so far as possible in an orderly and coherent manner the main facts about the industry and the consensus of informed opinion about the next stages in its development.

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P E P (POLITICAL AND ECONOMIC PLANNING)

REPORT

ON

THE SUPPLY OF ELECTRICITY  
IN GREAT BRITAIN

A survey of present-day problems of the industry  
with proposals for reorganisation of electricity distribution

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Table I—Number of Local Authorities of each type now and before the operation of the Local Government Acts, 1929

	Before Operation of Act (April 1, 1930)	December 1, 1936
<i>England and Wales:</i>		
Administrative Counties . . . . .	62	62
Metropolitan Boroughs (including City of London) . . . . .	29	29
County Boroughs . . . . .	83	83
Municipal Boroughs . . . . .	256	289
Urban Districts . . . . .	783	650
Rural Districts . . . . .	650	485
Council of the Isles of Scilly . . . . .	1	1
Parish Councils . . . . .	about 7,150	7,200
Parish Meetings . . . . .	„ 5,600	4,100
<i>Scotland:</i>		
County Councils . . . . .	33	33
Large Burghs . . . . .	—	24
Town Councils . . . . .	201	171
District Councils . . . . .	—	201
District Committees . . . . .	98	—
Standing Joint Committees . . . . .	33	—
Commissioners of Supply . . . . .	33	—
Parish Councils . . . . .	869	—
Education Authorities . . . . .	37	—
District Boards of Control . . . . .	27	—
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Table 2—Administration and Finance of the Public Social Services.

Service	Administration				Chief Methods of Finance	Basis of Provision
	England and Wales		Scotland			
	Central	Local	Central	Local		
<b>Constructive Community Services</b>						
<b>EDUCATION</b>						
Elementary	Board of Education	All County Boroughs and County Councils <i>Pt. iii Authorities, i.e.</i> 146 M.B.s, 24 U.D.s	Scottish Education Department	4 Cities and all Counties (4 counties in 2 combinations)	Rates Grants on formula Additional grants in depressed areas and Highlands and Islands Voluntary funds	Free Compulsory to 14+
Higher	Board of Education	All County Boroughs and County Councils	Scottish Education Department	4 Cities and all Counties (4 counties in 2 combinations)	Rates Percentage grants Voluntary funds Fees	Fees covering part cost Some free places
University	Board of Education University Grants Cttee.	Self-governing	Secretary of State for Scotland University Grants Cttee.	Self-governing	Endowments Central and local government grants Fees Voluntary funds	Fees Scholarships
Agricultural	Ministry of Agriculture	Local Education Authority	Dept. of Agriculture for Scotland	Local Education Authority	Central funds Rates	Nominal fees
Approved Schools	Home Office	—	Scottish Education Department	—	Central funds Rates	Compulsory. Payment by court order in some cases
Junior Instruction Centres	Ministry of Labour	Local Education Authority	Ministry of Labour	Local Education Authority	Central funds Rates	Free Compulsory in some areas.

MEDICAL SERVICES						
Maternity and Child Welfare .	Ministry of Health	All Metropolitan Boro's, C.B.s and C.C.s 147 M.B.s 86 U.D.s 10 R.D.s	Department of Health for Scotland	All large Burghs and Counties	Rates and block grants Some fees Voluntary funds	Recovery of cost at local authority's discretion Recovery for institutional care
School Medical Service . . .	Board of Education	All C.B.s and C.C.s 146 M.B.s 24 U.D.s	Department of Health for Scotland	4 Cities and all Counties	Rates Percentage grant Education grant in Scotland	Inspection free Treatment-recovery of costs
Infectious Disease Hospitals	Ministry of Health	Joint Boards Isolation Hosp. Cttees. Voluntary combinations <i>and</i> C.C.s C.B.s M.B.s U.D.s R.D.s Port Sanitary Authorities	Department of Health for Scotland	All Large Burghs and Counties (some combinations)	Rates and block grants	Recovery of cost at local authority's discretion
		<i>Fever</i> 88 <i>Small-pox</i> 10 75 8 40 43 6 11 81 48 88 43 122 34 84 32 7 9				
Tuberculosis .	Ministry of Health	<i>England :</i> All C.B.s and C.C.s (3 joint committees) <i>Wales:</i> King Edward VII Welsh National Memorial Association	Department of Health for Scotland	All Large Burghs and Counties (some combinations)	Rates and block grants  Voluntary funds	Mainly free
Venereal Diseases .	Ministry of Health	All C.B.s and C.C.s	Department of Health for Scotland	All Large Burghs and Counties (some combinations)	Rates and block grants	Free
General Hospitals, apart from Poor Law .	Ministry of Health	39 C.B.s 10 C.C.s 1 M.B. 1 U.D.	Department of Health for Scotland	3 Cities, 1 County	Rates and block grants Recovery of cost	Free, with powers of recovery
Industrial Health	Home Office Factory Dept. Board of Trade Mines Dept.	— —	Home Office Factory Dept. Board of Trade Mines Dept.	— —	<i>Inspectors' central funds</i> <i>Certifying factory surgeons</i> paid by employers Central funds	

Table 2—Administration and Finance of the Public Social Services—continued.

Service	Administration				Chief Methods of Finance	Basis of Provision
	England and Wales		Scotland			
	Central	Local	Central	Local		
BLIND WELFARE	Ministry of Health	All C.B.s and C.C.s	Department of Health for Scotland	All Large Burghs and Counties (some combinations)	Voluntary funds Rates and block grants Sale of products	Free
MENTAL HEALTH SERVICES						
Mental Disorders	Board of Control	23 single C.B.s City of London Corpn. 19 single C.C.s 29 combinations, involving 53 C.B.s 45 C.C.s 14 M.B.s	General Board of Control for Scotland	All Large Burghs and Counties (some combinations)	Rates and block grants	Some recovery of cost
Mental Deficiency	Board of Control	63 C.B.s 57 C.C.s 4 combinations, involving 20 C.B.s 6 C.C.s	Scottish Education Department	Education Authorities Public Assistance Authorities (some combinations)	Rates and block grants	Some recovery of cost
EMPLOYMENT SERVICES						
	Ministry of Labour	396 Local Exchanges 231 Employment Offices 391 Branch Employment Offices	Ministry of Labour	56 Local Exch. 41 Employment Offices 73 Branch Employment Offices	Central funds	Free
Juvenile Employment	Ministry of Labour	257 Exchanges and 124 Offices, dealing with juveniles 163 Juvenile Advisory Cttees.	Ministry of Labour	55 Exchanges and 26 Offices, dealing with juveniles 32 Juvenile Ad- visory Cttees.	Central funds	Free

	Ministry of Labour Board of Education	108 Education Authorities exercising powers having— 145 Juvenile Employment Cttees., with— 155 Juvenile Employment Bureaux 81 Juvenile Branch Bureaux		—	75% Ministry of Labour grant 25% Rates	
<b>Social Insurances</b>						
Widows, Orphans and Old Age Pensions.	Ministry of Health	—	Department of Health for Scotland	—	Contributions Central funds	Contributions based on employment ("pre-Act widows," husband's employment only)
Health Insurance	Ministry of Health	146 Local Insurance Cttees. 6,253 Approved Societies and Branches	Department of Health for Scotland	54 Local Insurance Cttees. 868 Approved Societies and Branches	Contributions Central funds	Contributions based on employment
Unemployment Insurance	Ministry of Labour	Local Employment Exchanges	Ministry of Labour	Local Employment Exchanges	Central funds	Contributions based on employment
<b>Social Assistance</b>						
Old Age Pensions	Ministry of Health Customs and Excise	1,288 Local Pensions Cttees. and Sub-Cttees.	Department of Health for Scotland Customs and Excise	228 Local Pensions Cttees. and Sub-Cttees.	Central funds	Test of age, nationality, residence, personal means
Unemployment Assistance	Unemployment Assistance Board	24 District Offices 206 Area Offices	Unemployment Assistance Board	4 District Offices 34 Area Offices	Central funds	Household needs test
Public Assistance	Ministry of Health	All C.B.s and C.C.s	Department of Health for Scotland	All Large Burghs and Counties	Rates and block grants	Household needs test Recovery from relatives

Table 3—Gross Expenditure on Public Social Services in Great Britain, 1900-35

(£ millions)

	Constructive Community Services							Social Insurances				Social Assistance			TOTAL	
	Education	Approved Schools	Maternity and Child Welfare	Hospitals and Treatment of Disease	Lunacy and Mental Deficiency	Unemployed Workmen Act	TOTAL	National Health Insurance	Unemployment Insurance	Contributory Pensions	TOTAL	Old Age Pensions	Transitional Benefit and Unemployment Assistance*	Public Assistance		TOTAL
1900-1	19.5	0.5	—	1.6	1.0	—	22.6	—	—	—	—	—	—	12.8	12.8	35.4
1910-1	33.7	0.3	—	2.2	1.5	0.21	38.0	—	—	—	—	7.4	—	16.7	24.1	62.1
1920-1	88.8	1.5	2.1	8.6	3.0	0.11	104.1	29.9	10.8	—	40.6	20.8	—	35.6	56.4	201.1
1921-2	92.4	1.4	2.4	8.6	3.0	0.10	107.9	29.6	71.2	—	100.9	22.0	—	46.8	68.8	277.6
1922-3	88.2	1.4	1.8	8.7	2.3	0.06	102.5	29.4	49.0	—	78.4	22.4	—	47.2	69.6	250.6
1923-4	86.6	1.0	1.8	7.3	4.0	0.06	101.3	30.9	48.0	—	79.0	24.0	—	41.9	65.9	246.2
1924-5	89.4	0.9	1.9	7.2	4.8	0.08	104.3	32.4	50.6	—	83.1	25.8	—	40.4	66.2	253.6
1925-6	92.0	0.8	2.1	7.5	5.1	0.07	107.5	36.5	49.8	1.6	88.0	28.0	—	44.1	72.0	267.5
1926-7	93.3	0.8	2.5	7.8	5.2	0.07	109.7	40.9	56.2	7.5	104.7	30.9	—	55.0	85.9	300.3
1927-8	94.4	0.8	2.3	8.3	5.0	0.06	110.8	37.6	42.8	11.9	92.3	33.7	—	45.5	79.2	282.3
1928-9	97.0	0.7	2.5	8.5	5.0	0.05	113.8	39.9	53.8	23.8	117.6	34.9	—	43.9	78.8	310.2
1929-30	100.5	0.7	2.7	8.8	5.3	0.04	117.9	38.6	53.3	26.4	118.3	35.8	—	45.0	80.7	317.0
1930-1	104.2	0.7	2.6	8.9	5.4	—	121.8	38.6	81.3	34.6	154.5	37.5	20.3	42.5	100.3	376.6
1931-2	103.3	0.7	3.2	10.6	5.6	—	123.3	37.5	90.4	39.7	167.6	38.6	32.4	41.2	112.2	403.1
1932-3	100.8	0.6	3.3	12.1	5.9	—	122.8	37.5	63.9	40.8	142.2	40.4	53.8	44.0	138.3	403.3
1933-4	101.7	0.6	3.4	13.0	6.2	—	124.9	36.0	49.3	42.2	127.5	41.1	52.2	46.1	139.3	391.7
1934-5	105.7	0.6	3.4	13.8	6.6	—	130.1	36.7	52.9	43.2	132.8	42.4	46.2	49.2	137.8	400.8

\*Transitional Benefit till April 1, 1934. Transitional Payments April 1, 1934—January 7, 1935. Thereafter Unemployment allowances.

Table 4—Income and Expenditure of Local Authorities in England and Wales, 1933-4

(£000)

	INCOME				EXPENDITURE		
	Fees, Rents, Recoupments, etc.	Specific Government Grants	Balance met by Rates and Block Grants	Total	Maintenance, etc.	Loan Charges	Total
<i>Social Services:</i>							
Elementary Education . . . . .	982	30,318	31,844	63,145	58,968	4,177	63,145
Higher Education . . . . .	3,111	8,178	8,918	20,206	18,420	1,786	20,206
Maternity and Child Welfare . . . . .	456	4	2,617	3,077	2,987	90	3,077
Hospitals, Sanatoria, Dispensaries, etc., for:							
Tuberculosis . . . . .	123	—	3,576	3,699	3,417	282	3,699
Venereal Diseases . . . . .	3	—	432	436	431	5	436
Other Infectious Diseases . . . . .	171	1	3,352	3,525	3,184	341	3,525
General Hospitals . . . . .	460	1	4,199	4,660	4,144	516	4,660
Notification of Disease, Disinfection, Vaccination, etc. . . . .	36	1	627	665	656	9	665
Salaries of M.O.H.s, Health Visitors, etc., not allocated . . . . .	7	—	1,788	1,795	1,794	1	1,795
Welfare of the Blind . . . . .	86	—	1,018	1,104	1,093	11	1,104
Mental Hospitals and Mental Deficiency . . . . .	2,139	14	9,223	11,376	10,478	898	11,376
Relief of the Poor . . . . .	2,338	24	31,529	33,891	32,922	969	33,891
<i>Other Services:</i>							
Public Libraries and Museums . . . . .	186	1	2,137	2,324	2,193	131	2,324
Parks, Pleasure Grounds, etc. . . . .	1,208	167	4,175	5,549	4,107	1,442	5,549
Baths, Wash-houses and Open Bathing Places . . . . .	1,233	44	1,278	2,555	1,980	575	2,555
Sewage, Refuse Disposal and Public Conveniences . . . . .	1,459	1,371	16,640	19,470	12,921	6,549	19,470
Other Health Services . . . . .	229	70	1,087	1,386	1,123	263	1,386
Housing and Town Planning . . . . .	26,846	13,148	2,778	42,772	11,816	30,957	42,772
Road and Street, Lighting, etc. . . . .	4,550	8,585	40,008	53,143	43,554	9,590	53,143
Fire Brigades . . . . .	281	14	2,166	2,462	2,216	246	2,462
Police . . . . .	624	10,293	10,614	21,531	21,332	199	21,531
Agriculture and Fisheries . . . . .	1,577	1,057	1,645	4,279	2,261	2,018	4,279
Administration, etc. . . . .	6,068	428	14,139	20,635	18,936	1,699	20,635
Deficit on Trading Services . . . . .	—	—	2,838	2,838	2,838	—	2,838
<b>TOTAL . . . . .</b>	<b>54,176</b>	<b>73,718</b>	<b>198,629</b>	<b>326,524</b>	<b>263,771</b>	<b>62,753</b>	<b>326,524</b>

## EDUCATION

Table 5—Types of Educational Institutions in England and Wales, 1934-5

	Approximate Ages of Attendance	Number of Institutions	Pupils on Register (Average 1934-5 or certain dates in 1935)	
			Full Time	Part Time
Nursery Schools . . . . .	2-5	65	4,781	—
Elementary Schools . . . . .	5-14+	20,907	5,474,894	—
<i>Special Schools for</i>				
Blind . . . . .	2-16	73	3,810	—
Deaf . . . . .	2-16	47	3,632	—
Mentally Defective . . . . .	5-16	161	15,022	—
Physically Defective . . . . .	2-16	329	29,811	—
<i>Secondary Schools recognised by Board of Education:</i>				
On Grant List . . . . .	5-19	1,380	456,783	—
Not on Grant List:				
Secondary . . . . .	5-19	395	69,573	—
Preparatory . . . . .	5-14	319	21,150	—
Other Secondary Schools in "Public Schools Year Book" or "R.C. Direc- tory" . . . . .	12-19	428	41,600	—
Other Preparatory Schools in the Association . . . . .	5-14	240	12,000	—
Junior Technical Schools . . . . .	13-18	208	24,532	—
Junior Art Departments . . . . .	13-18	36	2,150	—
Day Continuation Schools . . . . .	14-18+	38	—	17,318
Technical Day Classes . . . . .	14-18	189	2,331	8,770
Art Schools and Classes . . . . .	14-18	263	2,647	18,652
Senior Full-time Courses in Colleges . . . . .	14-18	65	2,544	592
Evening Classes . . . . .	14-18	4,957	—	396,945
<b>TOTAL UP TO 18 . . . . .</b>	—	—	<b>6,168,000</b>	<b>442,277*</b>
Technical Day Classes . . . . .	18+	189	732	17,429
Art Schools and Classes . . . . .	18+	263	3,075	37,641
Senior Full-time Courses in Colleges . . . . .	18+	65	4,207	1,313
Evening Classes . . . . .	18+	4,957	—	495,459
Adult Education . . . . .	18+	—	—	49,223*
Courses for Teachers (evening or vacation)	—	48	—	54,348
Universities and University Colleges . . . . .	18+	22	40,392	9,611
Teachers' Training Colleges (not Uni- versity Departments) . . . . .	—	110	11,032	—
<b>TOTAL 18+ . . . . .</b>	—	—	<b>59,438</b>	<b>665,024*</b>

\* May include duplication.



Table 6—Types of Educational Institutions in Scotland, 1935-6

	Approximate Ages of Attendance	Number of Institutions	Pupils on Register, 1935-6	
			Full Time	Part Time
<i>Primary Schools:</i>				
Primary Departments*	5-14+	3,034	554,327	—
Post-primary Departments	11-18		87,595	—
<i>Secondary Schools:</i>				
Preparatory Departments	5-14+	(204)	67,516	—
Secondary Departments	11-18+	251	92,075	—
Special Schools	5-16+	62	9,637	—
Special Classes	5-16+	(47)	1,804	—
Continuation Classes	14-18	798	—	73,256
Adult Education	18+		—	—
Central Institutions	18+	60	—	5,341
Evening, Saturday Afternoon or Correspondence	18+	11	4,689	3,331
Universities and University Colleges (1934/35)	18+		—	—
Teachers Training (Sept. 1936) (General Certificate)	18+	5	10,246	3,474
	—	4	1,856	—

\* Includes 184 "Side Schools" with an average of less than 6 pupils each, in remote areas.

Table 7—Types of Elementary School, England and Wales, March 31, 1935

	Schools	Per cent	Depts.	Average Number on Register	Per cent
<i>1. Maintained by L.E.A.s:</i>					
<i>(i) Voluntary:</i>					
Church of England	9,197	43.9	11,065	1,273,226	23.2
Methodist	122	0.6	145	19,796	0.4
Roman Catholic	1,230	5.9	1,884	393,652	7.2
Jewish	13	0.1	19	5,251	0.1
Other Voluntary	204	1.0	232	27,095	0.5
Total	10,766	51.6	13,345	1,719,020	31.4
<i>(ii) Council</i>	10,088	48.2	16,244	3,749,940	68.5
<i>2. Not Maintained by L.E.A.s</i>	53	0.3	55	5,934	0.1
TOTAL	20,907	100.0	29,644	5,474,894	100.0

Table 8—Size of Classes in Maintained Public Elementary Schools, England and Wales

Size	Number of Classes			
	1924	1933	1934	1935
Up to 20 .	13,191	11,647	11,679	12,508
21-30 .	27,929	26,818	27,553	29,715
31-40 .	40,497	49,528	52,474	54,077
41-50 .	40,602	55,661	54,061	49,877
51-60 .	24,469	8,226	6,138	4,218
Over 60 .	489	70	56	44
<b>TOTAL .</b>	<b>147,177</b>	<b>151,950</b>	<b>151,961</b>	<b>150,439</b>

Table 9—Progress of Reorganisation of Elementary Schools in England and Wales,  
March 31, 1935

	Council		Voluntary		Total	
	Depts.	Pupils	Depts.	Pupils	Depts.	Pupils
<i>Reorganised Departments:</i>						
Infants . . . .	4,039	845,118	2,079	262,672	6,118	1,107,790
Junior . . . . .	3,739	976,267	2,476	311,449	6,215	1,287,716
Senior . . . . .	2,389	732,575	355	74,874	2,744	807,449
All Ages . . . .	691	183,552	613	115,528	1,304	299,080
<b>TOTAL . . . . .</b>	<b>10,858</b>	<b>2,737,512</b>	<b>5,523</b>	<b>764,523</b>	<b>16,381</b>	<b>3,502,035</b>
Unreorganised . . .	5,386	970,804	7,822	929,213	13,208	1,900,017
<i>Percentage of Departments which were unreorganised in Urban and Rural Districts:</i>						
Urban Areas . . . .	21.2	20.9	43.1	46.4	29.2	28.0
Rural Areas . . . .	63.6	58.4	74.3	77.7	70.0	67.4
All Areas . . . . .	33.2	26.2	58.7	54.9	44.6	35.2

## MATERNITY AND CHILD WELFARE SERVICES

Table 10—Provisions made by Local Authorities and by State-aided Voluntary Bodies, 1935

### ENGLAND AND WALES

	Provided by		Total
	Local Authorities	Voluntary Bodies	
Ante-natal Clinics . . . . .	1,311	285	1,596
Infant Welfare Centres . . . . .	2,490	813	3,303
Health Visitors . . . . .	3,109	2,575	5,684
Equivalent in Whole-time Services . . . . .	2,157	536	2,693
Maternity Institutions and Hospitals providing Beds . . . . .	500	141	641
Number of Beds . . . . .	6,030	2,203	8,233

### SCOTLAND

Ante-natal Clinics . . . . .	182	10	192
Infant Welfare Centres . . . . .	240	14	254
Health Visitors:			
Whole Time . . . . .	462	—	462
Part Time . . . . .	623	—	623
Total . . . . .	1,085	—	—
Maternity Institutions and Hospitals providing Beds . . . . .	55	33	88
Number of Beds . . . . .	671	637	1,308

Table II —Extent of the Provision of Maternity and Child Welfare Services, 1935

(i) ENGLAND AND WALES

	Numbers Benefiting	Per cent of Possible	Number of Attendances or Visits
Ante-natal Clinics . . .	288,079	46	1,140,708
Infant Welfare Centres:			
Children under 1 . . .	351,149	59	—
Children under 5 . . .	—	—	8,657,901
Health Visiting:			
Expectant Mothers . . .	193,815	31	557,578
Children under 1 . . .	584,645	97	3,284,972
Children from 1-5 . . .	—	—	4,407,415

(ii) SCOTLAND

Ante-natal Clinics . . .	30,908	34	128,081
Infant Welfare Centres:			
Children under 1 . . .	32,573	37	276,804
Children from 1-5 . . .	19,864	6	186,536
Health Visiting:			
Expectant Mothers . . .	24,410	27	61,527
Children under 1 . . .	74,738	85	529,172
Children from 1-5 . . .	109,599	34	414,301

## THE SCHOOL MEDICAL SERVICE

Table 12—Provisions of the School Medical Service, England and Wales, 1935

	Authorities Making Provision	School Clinics Provided	Hospitals working under Arrangements with L.E.A.s	Defects Treated	
				Under L.E.A. Schemes	Otherwise
<i>Treatment:</i>					
Minor Ailments . . . . .	312	1,160	14	929,182	49,214
Dental . . . . .	314	1,362	15	1,474,083	—
Ophthalmic . . . . .	315	694	120	259,619	10,525
Nose and Throat :					
Operative . . . . .	287	68	546	59,004	16,688
Non-operative . . . . .				46,964	
Ringworm . . . . .	203	35	74	837	108
Orthopædic . . . . .	245	324	130	...	...
Artificial Light . . . . .	105	93	27	...	...

Number of authorities organising school medical service, 316.

Table 13—Staff of the School Medical Service, England and Wales, 1935

	Number	Equivalent in Whole Time Services	Numbers Employed Full Time in Public Service	
			School Medical only	School Medical and other Public Health Work
School Medical Officers	1,412	687	275	766
Specialists . . . . .	962	...	—	11
Dentists . . . . .	852	646	—	574
Nurses . . . . .	5,644*	2,386	1,527	1,864

\* Includes 2,215 district nurses. The extent of their services cannot be ascertained.

Table 14—The School Health Service, Scotland, 1935-6

Staff	Full Time	Part Time
Medical Officers . . . . .	43	89
Local Practitioners . . . . .	—	50
Specialists . . . . .	—	60
Dentists . . . . .	47	39

Defects	Authorities making Provision	Defects Treated
Teeth . . . . .	35	152,670
Vision . . . . .	35	29,354
Diseases of Eye . . . . .	...	11,816
"    " Ear . . . . .	...	9,086
"    " Skin . . . . .	...	47,437
Ringworm and Favus . . . . .	25	611
Adenoids and Tonsils . . . . .	31	5,149
Deformities . . . . .	21	1,214
Other Diseases and Defects . . . . .	...	35,913
		293,250

Number of Children Examined:	
At Routine Examinations . . . . .	243,240
At Special Examinations . . . . .	157,640
Number on Registers of Inspected Schools. . . . .	808,110

Authorities organising school health service—Counties, 81; Cities, 4.

Six county councils have made use of the provision made by the Local Government (Scotland) Act, 1929, by which they can make arrangements to use the medical and nursing staff, clinics and hospitals of the large burghs for school health services. About 70 hospitals are involved.

## TUBERCULOSIS SERVICES

**Table 15—Extent of the Tuberculosis Service in England and Wales, 1935**  
Total number of cases known to Medical Officers of Health in 1935 was 340,488

	Diagnosis	Treatment	Total
<b>Number of cases, Dec. 31, 1935:</b>			
In Residential Institutions . . . . .	1,106	25,327	26,433
On Dispensary Registers . . . . .	11,857	195,273	207,130
<b>TOTAL . . . . .</b>	<b>12,963</b>	<b>220,600</b>	<b>233,563</b>

**Table 16—Accommodation in Residential Institutions in England and Wales, 1935**

	Local Authorities		Voluntary Organisations		Total	
	Institutions	Beds	Institutions	Beds	Institutions	Beds
<i>England:</i>						
Sanatoria and Special Institutions . . . . .	174	15,153	116	7,600	290	22,753
Isolation Hospitals . . . . .	40	1,861	1	50	41	1,911
General Hospitals . . . . .	45	2,298	177	573	222	2,871
<i>Wales:</i>						
King Edward VII Welsh National Memorial Assoc.	—	—	—	—	17	1,517*

\* A number of beds were also rented in institutions not belonging to the Association.  
The expenditure on this item was £13,300,

## MENTAL HEALTH SERVICES

Table 17—Distribution of Persons suffering from Mental Disorders, January 1, 1936

	England and Wales	Scotland
In County and County Borough Mental Hospitals . . . . .	127,813	13,514
In State Criminal Asylums . . . . .	787	87
In Institutions under Poor Law . . . . .	15,062	1,308
In Other Institutions . . . . .	5,887	3,568
Under Private Care . . . . .	4,222	1,257
<b>TOTAL . . . . .</b>	<b>153,771</b>	<b>19,734</b>

Table 18—Distribution of Mentally Defective Persons, January 1, 1936

	Number	Per 1,000 of Population
<i>(i) England and Wales:</i>		
Total known to Local Authorities . . . . .	116,434	2.88
of whom children 14-16 informally reported . . . . .	3,528	
Total Statutorily Notified . . . . .	112,906	
of whom "Ascertained Subject to be dealt with" of whom	84,599	2.09
In Institutions provided under the Mental Deficiency Act, 1913 . . . . .	40,256	
"Under Guardianship or Notified" . . . . .	3,645	
"Under Statutory Supervision" . . . . .	34,840	
Total Under Care . . . . .	78,741	1.94
<i>(ii) Scotland</i>		
Total "Ascertained Subject to be dealt with" of whom	8,150	1.64
In Certified or State Institutions . . . . .	2,974	
In Private Dwellings . . . . .	1,440	
Total Under Care . . . . .	4,414	0.89



## EMPLOYMENT SERVICES

Table 19—Number of Vacancies Notified and Filled by Ministry of Labour Employment Exchanges in the United Kingdom

	Vacancies	
	Notified	Filled
<b>1913*</b> . . .	1,222,828	921,853
1922 . . .	859,340	715,737
1923 . . .	1,060,293	917,242
1924 . . .	1,368,526	1,164,948
1925 . . .	1,509,765	1,306,085
1926 . . .	1,323,084	1,156,428
1927 . . .	1,457,226	1,272,670
1928 . . .	1,536,329	1,351,516
1929 . . .	1,864,536	1,632,585
1930 . . .	1,965,664	1,764,255
1931 . . .	2,158,514	1,985,975
1932 . . .	2,039,741	1,878,856
1933 . . .	2,459,007	2,224,421
1934 . . .	2,655,094	2,331,993
1935 . . .	2,933,555	2,533,456

\* Including territory which is now the Irish Free State.

Table 20—Ministry of Labour Training and Instructional Centres in Great Britain, 1930-36

Year	Entered	Premature Terminations	Completed Course but Unplaced	Passed into Employment	TOTAL PASSED OUT
<b>TRAINING CENTRES</b>					
1930 . . . . .	8,608	1,611	1,044	5,160	7,815
1931 . . . . .	7,979	1,709	2,880	4,290	8,879
1932 . . . . .	5,236	1,047	1,403	3,440	5,890
1933 . . . . .	5,254	844	704	3,728	5,276
1934 . . . . .	6,970	1,134	268	4,819	6,221
1935 . . . . .	10,168	1,663	146	7,059	8,868
1936 . . . . .	14,250	3,083	295	10,398	13,776
<b>INSTRUCTIONAL CENTRES</b>					
1929 . . . . .	3,518	1,029	117	29	1,608
1930 . . . . .	9,886	2,487	188	597	6,530
1931 . . . . .	7,652	1,724	67	392	5,667
1932 . . . . .	6,654	736	50	1,748	2,815
1933 . . . . .	10,545	855	165	8,064	1,406
1934 . . . . .	16,248	1,280	127	12,205	2,475
1935 . . . . .	18,474	2,609	14	12,214	3,085
1936 . . . . .	20,872	3,959	416	13,013	3,896

(a) Transferred to training centres or special schemes.

## NATIONAL HEALTH INSURANCE

Tabel 21—Persons Covered by the National Health Insurance Scheme in 1935

	England and Wales		Scotland		TOTAL
	Men	Women	Men	Women	
<i>Members of Approved Societies:</i>					
Employed Contributors . . . . .	9,257,000	4,744,600	1,127,500	568,100	15,697,200
Voluntary Contributors . . . . .	468,800	77,600	45,000	10,700	602,100
H.M. Forces (Maternity Benefit only) . . . . .	181,000	—	18,000	—	199,000
<i>Deposit Contributors:</i>					
<i>Individual Accounts Section:</i>					
Employed Contributors . . . . .	113,250	121,050	7,500	6,400	248,200
Voluntary Contributors . . . . .	3,250	850	100	100	4,300
Insurance Section . . . . .	3,850	3,250	800	200	7,600
<i>Navy, Army and Air Force Fund:</i>					
Serving Forces (Maternity Benefit only) . . . . .	106,000	—	*	—	106,000
<i>Dishcharged Men:</i>					
Employed Contributors . . . . .	13,000	—	*	—	13,000
Voluntary Contributors . . . . .	900	—	*	—	900
<i>Exempt Persons (Medical Benefit only)</i> . . . . .	7,700	6,100	2,400	1,000	17,200
<b>Total Contributors (full or partial)</b> . . . . .	<b>10,154,750</b>	<b>4,953,450</b>	<b>1,200,800</b>	<b>586,500</b>	<b>16,895,500</b>
<i>Others Entitled to Certain Benefits:</i>					
Women who have Ceased Employment on Marriage but remain Insured for 2 years . . . . .	—	319,200	—	46,000	365,200
Insured Persons over 65 . . . . .	889,300	231,000	115,000	28,000	1,263,300
<b>TOTAL INSURED</b> . . . . .	<b>11,044,050</b>	<b>5,503,650</b>	<b>1,315,800</b>	<b>660,500</b>	<b>18,524,000</b>

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\* This fund is administered from London. Men living in Scotland are included in the England and Wales figure.

Table 22—National Health Insurance Finance, Great Britain, 1935

Income	£000	Expenditure	£000
Contributions of Employers and Workpeople . . . . .	27,380	<i>Benefits:</i>	
Interest, etc., on Funds . . . . .	6,196	Sickness and Disablement . . . . .	16,555
Parliamentary Votes and Grants . . . . .	6,668	Medical . . . . .	10,387
		Others . . . . .	4,154
		<i>Administration:</i>	
		Central Departments . . . . .	1,045
		Approved Societies and Insurance Committees . . . . .	4,552
		<i>Surplus:</i>	
		Addition to Accumulated Funds . . . . .	3,551
	£40,244		£40,244

## WORKMEN'S COMPENSATION

Table 23—Cases and Payments in certain Industries Making Returns, United Kingdom, 1935

	Numbers Employed	Cases		Amount Paid	
		Disablement	Fatal	Disablement	Fatal
				£	£
<i>Factories:</i>					
Cotton . . . . .	397,463	8,162	18	91,466	4,104
Wool, Worsted and Shoddy . . . . .	237,032	4,040	13	38,806	3,137
Other Textiles . . . . .	285,497	3,722	12	40,031	2,736
Wood . . . . .	148,451	6,205	23	97,697	8,310
Metals (Extraction, etc.) . . . . .	375,803	28,071	102	249,620	28,650
Engine and Shipbuilding . . . . .	456,516	19,310	82	218,411	23,211
Other Metal Work . . . . .	833,138	43,405	125	397,729	30,138
Paper and Printing . . . . .	374,315	6,331	29	87,586	8,008
China and Earthenware . . . . .	79,861	1,714	10	15,349	2,446
Miscellaneous . . . . .	2,426,332	71,374	293	761,351	77,535
<b>Total Factories . . . . .</b>	<b>5,614,408</b>	<b>192,334</b>	<b>712</b>	<b>1,998,046</b>	<b>188,275</b>
Docks . . . . .	102,651	10,471	88	250,018	23,581
Mines . . . . .	826,169	161,513	1,235	2,070,742	376,141
Quarries . . . . .	67,915	6,580	69	90,021	18,577
Constructional Works . . . . .	202,346	8,853	68	153,259	23,304
Railways . . . . .	443,202	18,359	208	181,123	62,471
Shipping . . . . .	170,700	8,470	271	196,800	77,769
<b>GRAND TOTAL . . . . .</b>	<b>7,427,391</b>	<b>406,580</b>	<b>2,651</b>	<b>4,940,009</b>	<b>770,118</b>

N.B.—It is estimated that the total charge to all industries and employments under the Workmen's Compensation Acts amounted to "something under £11 millions" (Home Office Return, Cmd. 5077), but no detailed figures are available except for the industries shown above.

## UNEMPLOYMENT INSURANCE AND ASSISTANCE

Table 24—Relative Importance of Unemployment Assistance and Insurance Benefit in  
Different Parts of the Country

*Persons aged 18-64 receiving Insurance Benefit (general scheme) and Unemployment Allowances, April 19, 1937*

	Men		B as per cent of A+B	Women		B as per cent of A+B
	A Benefit	B Allowances		A Benefit	B Allowances	
London . . . . .	78,803	29,242	27.0	20,969	2,570	10.9
South-Eastern . . . . .	32,060	13,759	30.0	6,896	772	10.1
South-Western . . . . .	37,842	18,740	33.1	6,781	935	12.1
Midlands . . . . .	44,575	46,464	51.0	19,844	1,898	8.7
North-Eastern . . . . .	51,618	56,849	52.4	13,898	2,340	14.4
North-Western . . . . .	81,592	115,194	58.5	33,547	14,315	29.8
Northern . . . . .	33,905	90,632	72.7	5,431	2,134	28.2
Scotland . . . . .	59,742	111,538	65.1	19,248	12,665	39.6
Wales . . . . .	33,639	86,774	69.1	4,453	2,068	31.7
Great Britain . . . . .	458,826	569,192	55.3	131,067	39,697	23.2

Table 25—Composition of Unemployment Statistics in Great Britain, before and after the  
Second Appointed Day

*March 15 and April 19, 1937*

	Drawing Benefit		Drawing Allowances	Under Consider- ation	Drawing Nothing	Total
	General	Agricultural				
<i>March 15</i>						
Insured Persons:						
Men . . . . .	545,068	13,225	521,121	27,315	108,675	1,215,404
Women . . . . .	145,334	3,031	31,446	7,052	31,533	218,446
Juveniles, 16 & 17 14 & 15	24,325	795	—	2,559	10,300	37,979
	—	—	—	—	14,739	14,739
TOTAL . . . . .	714,727	17,051	552,567	36,926	165,297	1,486,568
Others on Register:						
Men . . . . .	—	—	—	—	51,303	51,303
Women . . . . .	—	—	—	—	30,237	30,237
Juveniles . . . . .	—	—	—	—	33,043	33,043
TOTAL . . . . .	—	—	—	—	114,633	114,633
<i>April 19</i>						
Insured Persons:						
Men . . . . .	458,826	8,312	550,792	20,951	53,022	1,091,903
Women . . . . .	131,067	1,044	34,201	7,254	26,497	200,063
Juveniles, 16 & 17 14 & 15	21,425	408	2,102	2,469	7,500	33,904
	—	—	—	—	13,791	13,791
TOTAL . . . . .	611,318	9,764	587,095*	30,674	100,810	1,339,661
Others on Register:						
Men . . . . .	—	—	18,400	1,883	28,825	49,108
Women . . . . .	—	—	5,496	1,209	20,258	26,963
Juveniles, 16 & 17 14 & 15	—	—	799	331	7,639	8,769
	—	—	—	—	29,942	29,942
TOTAL . . . . .	—	—	24,695	3,423	86,664	114,782

\* It is estimated that approximately 60,000 of these were receiving public assistance before April 1.

## PUBLIC ASSISTANCE

Table 26—Persons Relieved and Expenditure on Public Assistance in England and Wales, 1914-36

	Institutional		Domiciliary			Casuals	Total	Per 10,000 of Population	Expenditure	Average Expenditure per head of Population
	Number	Per 10,000 of Population	On Account of Unemployment	Others	Per 10,000 of Population					
1914	000's 264	70	000's 389		106	000's 8	000's 661	204	£000 15,056	s. d. 8 2½
1919	183	49	287		76	1	471	148	18,424	9 10
1920	185	48	306		79	2	494	150	23,501	12 6½
1921	199	52	376		96	4	579	170	31,925	17 0½
1922	216	55	745	439	277	7	1,406	357	42,273	22 3½
1923	217	56	722	501	341	8	1,447	423	41,934	21 11½
1924	219	56	525	526	282	8	1,278	365	37,882	19 8½
1925	217	55	326	560	235	8	1,111	317	36,842	19 0½
1926	222	56	437	626	258	8	1,343	341	40,083	20 7½
1927	226	57	632	580	441	11	1,449	526	49,775	25 5½
1928	226	56	450	577	248	11	1,263	333	40,919	20 10
1929	225	56	313	587	228	12	1,136	314	39,671	20 1½
1930	221	55	250	617	216	11	1,099	300	40,631	20 6½
1931	212	53	156	636	193	12	1,015	276	38,561	19 4½
1932	197	50	263	670	216	12	1,143	296	36,817	18 5
1933	194	48	418	748	271	16	1,376	350	38,924	19 4½
1934	185	46	425	778	287	15	1,403	364	40,155	19 10½
1935	178	44	452	831	295	13	1,473	372	42,507	21 0
1936	169	42	330	878	287	11	1,388	361	—	—

Number of persons relieved are for January 1 each year.

Number per 10,000 of the population are weekly averages for the year ending March 31. Expenditure is also for the year ending March 31.

Table 27—Persons Relieved and Expenditure on Public Assistance in Scotland, 1914-1936

	Sane Poor					Other than Sane Poor	Per 10,000 of Population	Expenditure	
	Indoor	Outdoor		Total	Per 10,000 of Population			£000	Per Head of Population
		Able-Bodied	Others						
1914	13,015	74,438		87,453	180	16,671	35	1,576†	s. d. 6 8†
1918	7,653	58,913		66,566	140	16,931	35	1,538	6 5
1927	13,486	110,290	96,561	220,337	450	18,322	37	5,621	23 2
1928	13,202	91,424	100,594	205,220	420	18,711	38	4,888	20 2
1929	13,077	73,722	105,299	192,098	390	18,858	39	4,603	19 1
1930	11,748	40,593	110,283	162,624	330	19,135	39	4,674	19 4
1931	12,309	50,069	124,907	187,285	380	19,380*	40	5,173‡	21 4½
1932	12,526	83,690	141,851	238,067	490	19,733	41	5,573	22 10
1933	12,153	113,421	163,379	288,953	590	20,125	41	6,322	25 9
1934	11,706	214,091	180,554	406,351	830	20,501	42	7,071	28 8
1935	11,255	143,911	202,241	357,407	720	20,915	42	8,233	33 2
1936	10,972	117,309	213,246	341,527	690	21,152	43	—	—

Numbers include dependants, and relate to May 15, each year.

\* From 1931 these figures are January 1.

† 1913.

‡ Expenditure on Insane Poor: before 1931 only proportion applicable to Parish Councils included. From 1931 total included. Difference in 1930, £741,000.

Table 28—Persons Receiving Different Types of Public Assistance in England and Wales on January 1, 1936

(i) DOMICILIARY AND INSTITUTIONAL RELIEF

	Domiciliary			Institutional	Total
	On Account of Unemployment	Others	Total		
Men . . .	105,172	233,194	338,366	83,363	421,729
Women . . .	81,657	365,039	446,696	59,265	505,961
Children . . .	143,076	279,287	422,363	37,667	460,030
<b>TOTAL . . .</b>	<b>329,905</b>	<b>877,520</b>	<b>1,207,425</b>	<b>180,295</b>	<b>1,387,720</b>

(ii) MENTAL AND PHYSICAL CONDITION

	Domiciliary (not on account of Unemployment)		Institutional (including Casuals)		Total	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
Sick and Infirm	420,540	48	61,400	34	481,940	46
Mentally Infirm	6,524	1	26,515	15	33,039	3
Others . . .	450,456	51	92,380	51	542,836	51
<b>TOTAL . . .</b>	<b>877,520</b>	<b>100</b>	<b>180,295</b>	<b>100</b>	<b>1,057,815</b>	<b>100</b>

(iii) CHILDREN RECEIVING DOMICILIARY RELIEF

	Number	Per Cent
Relieved on account of Parents' Unemployment . . . . .	143,076	34
Living with Fathers Receiving Relief . . . . .	166,314	39
Fathers Receiving Institutional Relief . . . . .	6,654	2
Dependents of Widows or Wives living apart from husbands	93,360	22
Children of Single Women . . . . .	6,776	2
Orphans . . . . .	2,130	—
Others . . . . .	4,053	1
<b>TOTAL . . . . .</b>	<b>422,363</b>	<b>100</b>

## (iv) CHILDREN RECEIVING INSTITUTIONAL RELIEF

<i>Sick and Infirm Children:</i>	
In Hospitals or Sick Wards administered under the Poor Law Acts . . . . .	5,491
Others . . . . .	635
<i>Mentally Infirm Children</i> . . . . .	1,031
<i>Other Children:</i>	
Under 3 . . . . .	2,799
Aged 3-16 in:	
Grouped Cottage Home Schools . . . . .	3,768
Other Separate Schools (including Training Ship) . . . . .	1,500
Grouped Cottage Homes other than Schools . . . . .	5,840
Scattered Homes . . . . .	6,908
Other Homes . . . . .	3,991
Other Specialised Establishments . . . . .	5,000
General Institutions:	
Children's Wards . . . . .	448
Other Wards . . . . .	217
<i>Casuals</i> . . . . .	39
<b>TOTAL</b> . . . . .	<b>37,667</b>

## (v) PERSONS OVER 65 RECEIVING RELIEF

	Numbers			Per Cent of Persons of all ages receiving Relief		
	Institutional	Domiciliary	Total	Inst.	Dom.	Total
Sick and Infirm . . . . .	29,155	219,589	248,744	47	52	51
Mentally Infirm . . . . .	6,777	250	7,027	26	4	21
Others . . . . .	25,617	4,958	30,575	28	1*	6
(Total excluding Casuals)	61,549	224,797	286,346	34	26*	27
Casuals . . . . .	1,055	—	1,055	9	—	9

N.B.—Persons over 65 comprise 8 per cent of the population.

\* Per cent of persons relieved *not* on account of unemployment.

## (vi) PERSONS OVER 65 RECEIVING BOTH RELIEF AND OLD AGE OR WIDOWS' PENSIONS

	Number	Per Cent of Assisted Persons over 65, Receiving Pensions
Institutional . . . . .	25,403	41
Domiciliary . . . . .	196,394	87
Casuals . . . . .	18	1
<b>TOTAL</b> . . . . .	<b>221,815*</b>	<b>77</b>

\* Number receiving widows' pensions 19,377.

Table 29—The Distribution of the Burden of Public Assistance

	Number in Receipt of Relief per 10,000 of Population, Jan. 1, 1936				Public Assistance Rate 1934-5	Expenditure on Public Assistance per head of Population 1934-5
	Insti- tutional (excluding Casuals)	Domiciliary (excluding Casuals)		Total (including Casuals)		
		On account of Unem- ployment	Others			
<i>County Boroughs:</i>						
Highest Proportion of persons assisted per head of population:						
Liverpool . . . . .	51	621	533	1,205	s. d. 7 4.4	s. d. 49 4.0
Merthyr Tydfil . . . . .	50	326	745	1,123	15 0.8	44 5.2
Bootle . . . . .	71	369	514	954	7 7.4	45 1.6
Sunderland . . . . .	42	275	594	914	7 3.2	31 7.1
Gateshead . . . . .	51	323	445	819	8 8.4	34 9.1
Lincoln . . . . .	43	173	577	798	6 8.5	41 0.1
Norwich . . . . .	63	426	282	773	7 4.4	40 1.0
Newcastle-on-Tyne . . . . .	50	324	394	769	4 2.7	33 4.4
Sheffield . . . . .	32	229	491	753	6 8.9	36 10.6
Kingston-upon-Hull . . . . .	52	164	482	699	7 1.7	34 1.8
Lowest Proportion:						
Oxford . . . . .	47	6	30	90	1 0.4	9 8.4
Halifax . . . . .	32	6	73	115	1 8.3	9 4.1
Coventry . . . . .	22	6	94	124	1 4.5	8 0.1
Bournemouth . . . . .	35	13	99	149	0 10.2	12 0.0
Blackpool . . . . .	19	59	77	155	0 7.8	8 0.1
<i>Administrative Counties:</i>						
Highest Proportion:						
Durham . . . . .	27	137	598	763	9 3.5	29 5.8
Glamorgan . . . . .	29	64	595	689	8 7.3	28 0.4
Monmouth . . . . .	23	70	489	584	7 5.1	21 11.6
Brecknock . . . . .	29	101	326	462	4 3.6	19 4.7
Anglesey . . . . .	34	149	277	461	5 8.4	17 5.4
Lowest Proportion:						
Sussex, West . . . . .	36	4	63	109	1 6.8	13 0.8
Surrey . . . . .	36	15	63	116	1 2.8	12 5.0
Bedford . . . . .	34	6	67	117	2 0.0	10 11.3
Buckingham . . . . .	32	10	83	132	1 6.6	9 7.2
Sussex, East . . . . .	50	9	66	133	1 6.8	13 7.4



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