

RURAL DISTRICTS MALE MORTALITY, 1920-22,
COMBINED WITH
MANCHESTER UNITY SICKNESS EXPERIENCE, 1893-97,
OCCUPATION GROUP A.H.J.

IN *J.I.A.*, Vol. LXIII, pp. 346-363, Victor A. Burrows, F.I.A., F.S.S., gave some tables based on the mortality rates of the Central Counties Rural Districts (Males) as derived from the 1921 Census combined with the sickness rates of the Independent Order of Oddfellows, Manchester Unity Friendly Society Experience, 1893-97, Occupation Group A.H.J. In the same volume, pp. 386-403, Guy Woodrow, F.I.A., gave tables based on the mortality rates of the Eastern Counties Rural Districts (Males) as derived from the 1921 Census combined with the same sickness rates. Each of these sets of tables was tabulated for rates of interest 3%, $3\frac{1}{2}\%$ and 4%.

By the courtesy of the Government Actuary tables similar to these at a rate of interest of $2\frac{1}{2}\%$, prepared by his department, have been made available and are reproduced in the following pages. Note (1) of the Appendix on p. 343 of Vol. LXIII (referring to the higher ages) applies equally, of course, to the tables at $2\frac{1}{2}\%$.

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES)

2½ per cent.

2½ per cent.

Age x	D_x	N_x	$\bar{a}_x$	$\bar{A}_x$	$\bar{a}_{x+2}$	$\bar{A}_{x+2}^1$	Age x
16	67 362	1 870 278	28·263	·3021	25·306	·1876	16
17	65 593	1 804 685	28·011	·3083	25·024	·1910	17
18	63 859	1 740 826	27·758	·3146	24·742	·1945	18
19	62 158	1 678 668	27·504	·3208	24·464	·1980	19
20	60 486	1 618 182	27·251	·3271	24·188	·2014	20
21	58 843	1 559 339	26·998	·3333	23·919	·2047	21
22	57 230	1 502 109	26·745	·3396	23·654	·2080	22
23	55 651	1 446 458	26·490	·3459	23·390	·2112	23
24	54 109	1 392 349	26·230	·3523	23·123	·2145	24
25	52 606	1 339 743	25·965	·3588	22·850	·2179	25
26	51 145	1 288 598	25·693	·3656	22·569	·2214	26
27	49 723	1 238 875	25·414	·3725	22·280	·2249	27
28	48 340	1 190 535	25·126	·3796	21·981	·2286	28
29	46 995	1 143 540	24·831	·3868	21·675	·2324	29
30	45 688	1 097 852	24·527	·3944	21·357	·2363	30
31	44 417	1 053 435	24·215	·4021	21·030	·2404	31
32	43 181	1 010 254	23·894	·4100	20·692	·2445	32
33	41 976	968 278	23·565	·4181	20·347	·2488	33
34	40 800	927 478	23·230	·4264	19·995	·2531	34
35	39 651	887 827	22·889	·4348	19·638	·2575	35
36	38 526	849 301	22·543	·4433	19·277	·2620	36
37	37 426	811 875	22·191	·4520	18·913	·2665	37
38	36 350	775 525	21·833	·4609	18·543	·2711	38
39	35 297	740 228	21·469	·4699	18·169	·2757	39
40	34 267	705 961	21·100	·4790	17·790	·2804	40
41	33 259	672 702	20·724	·4883	17·406	·2851	41
42	32 274	640 428	20·340	·4977	17·017	·2899	42
43	31 309	609 119	19·952	·5073	16·622	·2948	43
44	30 367	578 752	19·556	·5171	16·220	·2997	44
45	29 447	549 305	19·151	·5271	15·810	·3048	45
46	28 549	520 756	18·738	·5373	15·391	·3100	46
47	27 670	493 086	18·317	·5477	14·965	·3152	47
48	26 809	466 277	17·890	·5582	14·534	·3206	48
49	25 962	440 315	17·457	·5689	14·099	·3259	49
50	25 130	415 185	17·018	·5798	13·661	·3313	50
51	24 309	390 876	16·576	·5907	13·222	·3368	51
52	23 499	367 377	16·131	·6017	12·782	·3422	52
53	22 700	344 677	15·681	·6128	12·341	·3476	53
54	21 911	322 766	15·228	·6240	11·899	·3531	54
55	21 131	301 635	14·772	·6352	11·457	·3585	55
56	20 361	281 274	14·311	·6466	11·015	·3640	56
57	19 598	261 676	13·849	·6580	10·572	·3695	57
58	18 840	242 836	13·386	·6695	10·133	·3749	58
59	18 085	224 751	12·924	·6809	9·698	·3803	59
60	17 333	207 418	12·463	·6923	9·270	·3855	60

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

 $2\frac{1}{2}$ per cent. $2\frac{1}{2}$ per cent.

Age x	D_x	N_x	$\bar{a}_x$	$\bar{A}_x$	$\bar{a}_{xx}$	$\bar{A}_{xx}^1$	Age x
61	16 582	190 836	12'005	'7036	8'848	'3908	61
62	15 833	175 003	11'549	'7148	8'434	'3959	62
63	15 085	159 918	11'097	'7260	8'027	'4009	63
64	14 338	145 580	10'649	'7370	7'628	'4058	64
65	13 595	131 985	10'203	'7481	7'236	'4107	65
66	12 855	119 130	9'762	'7589	6'850	'4154	66
67	12 118	107 012	9'326	'7697	6'472	'4201	67
68	11 382	95 629'9	8'897	'7803	6'104	'4246	68
69	10 649	84 080'9	8'474	'7908	5'747	'4290	69
70	9 918'9	75 062'0	8'062	'8009	5'400	'4333	70
71	9 193'1	65 868'9	7'658	'8109	5'066	'4375	71
72	8 473'2	57 395'7	7'267	'8206	4'744	'4414	72
73	7 760'7	49 635'0	6'888	'8299	4'437	'4452	73
74	7 056'1	42 578'9	6'526	'8389	4'148	'4488	74
75	6 361'0	36 217'9	6'185	'8473	3'879	'4521	75
76	5 681'1	30 536'8	5'865	'8552	3'635	'4551	76
77	5 023'8	25 513'0	5'567	'8625	3'415	'4578	77
78	4 398'0	21 115'0	5'290	'8694	3'214	'4603	78
79	3 812'9	17 302'1	5'026	'8759	3'028	'4626	79
80	3 273'7	14 028'4	4'772	'8822	2'850	'4648	80
81	2 782'2	11 246'2	4'528	'8882	2'681	'4669	81
82	2 337'7	8 908'46	4'296	'8939	2'522	'4689	82
83	1 940'9	6 967'56	4'074	'8994	2'371	'4707	83
84	1 589'8	5 377'76	3'866	'9045	2'233	'4724	84
85	1 283'3	4 094'46	3'673	'9093	2'107	'4740	85
86	1 020'9	3 073'56	3'491	'9138	1'994	'4754	86
87	800'71	2 272'85	3'318	'9181	1'889	'4767	87
88	619'41	1 653'44	3'147	'9223	1'787	'4779	88
89	472'25	1 181'19	2'978	'9265	1'686	'4792	89
90	354'22	826'97	2'810	'9306	1'586	'4804	90
91	260'90	566'07	2'644	'9347	1'489	'4816	91
92	188'12	377'95	2'481	'9387	1'397	'4828	92
93	132'62	245'33	2'320	'9427	1'309	'4838	93
94	91'29	154'04	2'155	'9468	1'224	'4849	94
95	61'29	92'75	1'978	'9512	1'136	'4860	95
96	39'90	52'85	1'787	'9559	1'048	'4871	96
97	25'16	27'69	1'560	'9615	'946	'4883	97
98	15'30	12'39	1'265	'9688	'797	'4902	98
99	8'50	3'89	'902	'9777	'606	'4925	99
100	3'89	—	'409	'9899	'320	'4960	100

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES)

*Combined with the Sickness Rates of the Manchester Unity
Experience, 1893-97, Occupation Group A.H. ƒ.*

$2\frac{1}{2}$ per cent.

Commutation Columns K for Sickness Benefit Values

$2\frac{1}{2}$ per cent.

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
16	1 678 995	413 966	430 151	497 037	2 021 865	16
17	1 624 754	410 776	429 021	497 037	2 021 865	17
18	1 573 236	407 540	427 727	497 037	2 021 865	18
19	1 524 976	404 137	426 215	496 785	2 021 865	19
20	1 480 092	400 520	424 437	496 233	2 021 865	20
21	1 438 450	396 642	422 349	495 457	2 021 626	21
22	1 399 569	392 522	419 969	494 355	2 021 104	22
23	1 362 830	388 289	417 373	492 887	2 020 201	23
24	1 327 710	384 009	414 630	491 186	2 018 884	24
25	1 293 831	379 741	411 802	489 372	2 017 177	25
26	1 260 998	375 487	408 897	487 557	2 015 154	26
27	1 229 076	371 251	405 972	485 741	2 012 885	27
28	1 197 944	367 084	403 031	483 878	2 010 482	28
29	1 167 535	362 985	400 076	481 924	2 007 908	29
30	1 137 740	358 907	397 110	479 885	2 005 175	30
31	1 108 504	354 853	394 137	477 723	2 002 246	31
32	1 079 774	350 780	391 159	475 446	1 999 093	32
33	1 051 548	346 693	388 179	473 104	1 995 602	33
34	1 023 821	342 554	385 158	470 828	1 991 753	34
35	996 590	338 331	382 060	468 576	1 987 530	35
36	969 817	334 032	378 895	466 309	1 982 918	36
37	943 389	329 665	375 629	463 954	1 977 906	37
38	917 238	325 202	372 273	461 446	1 972 484	38
39	891 232	320 617	368 834	458 796	1 966 538	39
40	865 358	315 887	365 286	456 013	1 960 034	40
41	839 565	311 060	361 607	453 076	1 952 945	41
42	813 879	306 112	357 806	450 062	1 945 245	42
43	788 353	301 058	353 864	446 947	1 937 012	43
44	763 038	295 940	349 763	443 709	1 928 286	44
45	737 948	290 736	345 547	440 360	1 919 076	45
46	713 070	285 459	341 256	436 880	1 909 362	46
47	688 365	280 119	336 871	433 255	1 899 160	47
48	663 744	274 645	332 377	429 496	1 888 374	48
49	639 156	268 972	327 734	425 592	1 876 872	49
50	614 584	263 046	322 906	421 479	1 864 458	50
51	590 016	256 892	317 815	417 104	1 850 839	51
52	565 470	250 487	312 437	412 420	1 835 758	52
53	540 964	243 835	306 732	407 362	1 819 036	53
54	516 521	236 943	300 666	401 920	1 800 547	54
55	492 119	229 843	294 211	396 003	1 780 342	55

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

2½ per cent.

2½ per cent.

Commutation Columns K for Sickness Benefit Values

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
56	467 746	222 520	287 324	389 572	1 758 541	56
57	443 415	214 969	279 973	382 541	1 735 269	57
58	419 165	207 187	272 152	374 854	1 710 576	58
59	395 020	199 157	263 864	366 455	1 684 401	59
60	371 011	190 818	255 099	357 319	1 656 514	60
61	347 123	182 171	245 825	347 401	1 626 506	61
62	323 368	173 178	235 990	336 625	1 593 822	62
63	299 784	163 874	225 573	324 895	1 557 781	63
64	276 442	154 270	214 586	312 173	1 517 805	64
65	253 403	144 398	203 080	298 489	1 473 486	65
66	230 727	134 336	191 101	283 865	1 424 631	66
67	208 520	124 100	178 656	268 336	1 371 241	67
68	186 894	113 739	165 734	251 820	1 313 399	68
69	166 048	103 333	152 376	234 245	1 251 126	69
70	146 218	92 970.4	138 684	215 710	1 184 440	70
71	127 610	82 806.9	124 842	196 443	1 113 419	71
72	110 375	73 006.3	111 122	176 807	1 038 316	72
73	94 578.8	63 700.4	97 767.2	157 116	959 788	73
74	80 213.9	54 977.8	84 994.3	137 923	878 530	74
75	67 260.2	46 898.5	72 972.6	119 445	795 726	75
76	55 701.0	39 509.3	61 804.5	101 959	712 675	76
77	45 532.9	32 839.3	51 572.2	85 746.5	630 812	77
78	36 725.4	26 908.0	42 364.5	71 068.8	551 464	78
79	29 243.0	21 714.6	34 201.1	58 023.8	475 869	79
80	22 997.9	17 257.4	27 216.1	46 638.2	404 875	80
81	17 867.1	13 512.2	21 371.4	36 900.0	339 252	81
82	13 711.4	10 428.0	16 604.4	28 734.3	279 632	82
83	10 379.8	7 946.91	12 792.0	22 039.0	226 594	83
84	7 740.12	5 994.94	9 782.08	16 675.1	180 511	84
85	5 679.75	4 481.23	7 417.53	12 476.9	141 419	85
86	4 109.18	3 323.73	5 568.52	9 242.52	108 991	86
87	2 946.84	2 446.06	4 131.51	6 785.96	82 591.3	87
88	2 112.34	1 783.14	3 025.47	4 941.85	61 430.5	88
89	1 524.83	1 287.20	2 183.99	3 567.36	44 729.0	89
90	1 080.16	911.82	1 547.09	2 527.04	31 868.5	90
91	749.21	632.45	1 073.08	1 752.79	22 164.2	91
92	507.63	428.52	727.07	1 187.61	15 017.5	92
93	335.15	282.92	480.03	784.09	9 914.92	93
94	214.74	181.27	307.57	502.38	6 352.70	94
95	132.70	112.02	190.07	310.46	3 925.79	95
96	78.26	66.07	112.10	183.10	2 315.29	96
97	43.34	36.58	62.07	101.38	1 282.02	97
98	21.56	18.20	30.88	50.44	637.82	98
99	8.73	7.37	12.51	20.43	258.32	99
100	2.05	1.73	2.93	4.79	60.59	100

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES)

*Combined with the Sickness Rates of the Manchester Unity
Experience, 1893-97, Occupation Group A.H.7.*

$2\frac{1}{2}$ per cent.

$2\frac{1}{2}$ per cent.

Value of Sickness Benefits of 1 per week for the whole of life, in periods

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
16	24.92	6.15	6.39	7.38	30.01	16
17	24.77	6.26	6.54	7.58	30.82	17
18	24.64	6.38	6.70	7.78	31.66	18
19	24.53	6.50	6.86	7.99	32.53	19
20	24.47	6.62	7.02	8.20	33.43	20
21	24.44	6.74	7.18	8.42	34.36	21
22	24.45	6.86	7.34	8.64	35.32	22
23	24.49	6.98	7.50	8.86	36.30	23
24	24.54	7.10	7.66	9.08	37.31	24
25	24.59	7.22	7.83	9.30	38.35	25
26	24.66	7.34	8.00	9.53	39.40	26
27	24.72	7.47	8.16	9.77	40.48	27
28	24.78	7.59	8.34	10.01	41.59	28
29	24.84	7.72	8.51	10.26	42.73	29
30	24.90	7.86	8.69	10.50	43.89	30
31	24.96	7.99	8.87	10.75	45.08	31
32	25.01	8.12	9.06	11.01	46.30	32
33	25.05	8.26	9.25	11.27	47.54	33
34	25.09	8.40	9.44	11.54	48.82	34
35	25.13	8.53	9.64	11.82	50.13	35
36	25.17	8.67	9.84	12.10	51.47	36
37	25.21	8.81	10.03	12.40	52.85	37
38	25.23	8.95	10.24	12.70	54.26	38
39	25.25	9.08	10.45	13.00	55.71	39
40	25.25	9.22	10.66	13.31	57.20	40
41	25.25	9.35	10.87	13.62	58.72	41
42	25.22	9.48	11.09	13.95	60.27	42
43	25.18	9.62	11.30	14.27	61.87	43
44	25.13	9.74	11.52	14.61	63.50	44
45	25.06	9.87	11.74	14.95	65.17	45
46	24.98	10.00	11.95	15.30	66.88	46
47	24.88	10.12	12.17	15.66	68.64	47
48	24.76	10.24	12.40	16.02	70.44	48
49	24.62	10.36	12.63	16.39	72.29	49
50	24.46	10.47	12.85	16.77	74.19	50
51	24.27	10.57	13.07	17.16	76.14	51
52	24.06	10.66	13.30	17.55	78.12	52
53	23.83	10.74	13.51	17.95	80.13	53
54	23.57	10.82	13.72	18.34	82.18	54
55	23.29	10.88	13.92	18.74	84.25	55

CENTRAL COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

2½ per cent.

2½ per cent.

Value of Sickness Benefits of 1 per week for the whole of life, in periods

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
56	22·97	10·93	14·11	19·13	86·37	56
57	22·62	10·97	14·29	19·52	88·54	57
58	22·25	11·00	14·44	19·90	90·79	58
59	21·84	11·01	14·59	20·26	93·14	59
60	21·40	11·01	14·72	20·62	95·57	60
61	20·93	10·99	14·82	20·95	98·09	61
62	20·42	10·94	14·91	21·26	100·66	62
63	19·87	10·86	14·96	21·54	103·27	63
64	19·28	10·76	14·96	21·77	105·86	64
65	18·64	10·62	14·94	21·96	108·38	65
66	17·95	10·45	14·87	22·08	110·82	66
67	17·21	10·24	14·74	22·14	113·16	67
68	16·42	9·99	14·56	22·12	115·39	68
69	15·59	9·70	14·31	22·00	117·49	69
70	14·74	9·37	13·98	21·75	119·41	70
71	13·88	9·01	13·58	21·37	121·11	71
72	13·03	8·61	13·11	20·87	122·54	72
73	12·19	8·21	12·60	20·24	123·67	73
74	11·37	7·79	12·04	19·55	124·51	74
75	10·58	7·37	11·47	18·78	125·09	75
76	9·80	6·95	10·88	17·95	125·45	76
77	9·06	6·54	10·26	17·07	125·57	77
78	8·35	6·12	9·63	16·16	125·39	78
79	7·67	5·70	8·97	15·22	124·80	79
80	7·03	5·27	8·31	14·25	123·67	80
81	6·42	4·86	7·68	13·26	121·94	81
82	5·87	4·46	7·10	12·29	119·62	82
83	5·35	4·09	6·59	11·35	116·75	83
84	4·87	3·77	6·15	10·49	113·54	84
85	4·43	3·49	5·78	9·72	110·20	85
86	4·02	3·26	5·45	9·05	106·76	86
87	3·68	3·05	5·16	8·48	103·15	87
88	3·41	2·88	4·88	7·98	99·18	88
89	3·23	2·73	4·62	7·55	94·72	89
90	3·05	2·57	4·37	7·13	89·97	90
91	2·87	2·43	4·11	6·72	84·95	91
92	2·70	2·28	3·86	6·31	79·83	92
93	2·53	2·13	3·62	5·91	74·77	93
94	2·35	1·99	3·37	5·50	69·59	94
95	2·16	1·83	3·10	5·07	64·05	95
96	1·96	1·66	2·81	4·59	58·03	96
97	1·72	1·45	2·47	4·03	50·96	97
98	1·41	1·19	2·02	3·30	41·70	98
99	1·03	·87	1·47	2·40	30·38	99
100	·53	·45	·75	1·23	15·56	100

EASTERN COUNTIES RURAL DISTRICTS MORTALITY (1921 CENSUS—MALES)

 $2\frac{1}{2}$ per cent. $2\frac{1}{2}$ per cent.

Age x	D_x	N_x	$\bar{a}_x$	$\bar{A}_x$	$\bar{a}_{xx}$	$\bar{A}_{xx}$	Age x
16	60 271	1 690 991	28·555	·2949	25·618	·1837	16
17	58 685	1 632 306	28·313	·3009	25·347	·1871	17
18	57 130	1 575 176	28·070	·3069	25·079	·1904	18
19	55 606	1 519 570	27·825	·3129	24·811	·1937	19
20	54 114	1 465 456	27·579	·3190	24·544	·1970	20
21	52 650	1 412 806	27·332	·3251	24·280	·2002	21
22	51 216	1 361 590	27·083	·3312	24·017	·2035	22
23	49 812	1 311 778	26·832	·3374	23·755	·2067	23
24	48 437	1 263 341	26·580	·3437	23·494	·2099	24
25	47 090	1 216 251	26·326	·3499	23·236	·2131	25
26	45 771	1 170 480	26·071	·3562	22·978	·2163	26
27	44 482	1 125 998	25·812	·3626	22·720	·2195	27
28	43 225	1 082 773	25·548	·3691	22·457	·2227	28
29	42 004	1 040 769	25·276	·3759	22·185	·2261	29
30	40 823	999 946	24·993	·3828	21·898	·2296	30
31	39 679	960 267	24·699	·3901	21·597	·2334	31
32	38 572	921 695	24·393	·3977	21·281	·2373	32
33	37 497	884 198	24·078	·4054	20·953	·2413	33
34	36 450	847 748	23·756	·4134	20·617	·2455	34
35	35 429	812 319	23·426	·4215	20·275	·2497	35
36	34 430	777 889	23·091	·4298	19·927	·2540	36
37	33 455	744 434	22·750	·4382	19·575	·2583	37
38	32 503	711 931	22·402	·4468	19·216	·2627	38
39	31 573	680 358	22·046	·4556	18·851	·2673	39
40	30 667	649 691	21·683	·4646	18·477	·2719	40
41	29 784	619 907	21·311	·4738	18·094	·2766	41
42	28 922	590 985	20·932	·4831	17·704	·2814	42
43	28 080	562 905	20·544	·4927	17·305	·2863	43
44	27 258	535 647	20·149	·5025	16·900	·2913	44
45	26 453	509 194	19·746	·5124	16·488	·2964	45
46	25 666	483 528	19·336	·5225	16·069	·3016	46
47	24 895	458 633	18·920	·5328	15·646	·3068	47
48	24 140	434 493	18·496	·5433	15·216	·3121	48
49	23 399	411 094	18·066	·5539	14·781	·3175	49
50	22 673	388 421	17·628	·5647	14·338	·3230	50
51	21 961	366 460	17·184	·5757	13·891	·3285	51
52	21 261	345 199	16·733	·5868	13·438	·3341	52
53	20 571	324 628	16·278	·5980	12·983	·3397	53
54	19 886	304 742	15·821	·6093	12·532	·3453	54
55	19 206	285 536	15·364	·6206	12·084	·3508	55
56	18 530	267 006	14·907	·6319	11·643	·3563	56
57	17 857	249 149	14·449	·6432	11·205	·3617	57
58	17 189	231 960	13·991	·6545	10·771	·3670	58
59	16 529	215 431	13·530	·6659	10·336	·3724	59
60	15 879	199 552	13·064	·6774	9·899	·3778	60
61	15 238	184 314	12·593	·6890	9·458	·3832	61
62	14 604	169 710	12·117	·7008	9·016	·3887	62
63	13 971	155 739	11·643	·7125	8·576	·3941	63
64	13 336	142 403	11·174	·7241	8·148	·3994	64
65	12 696	129 707	10·712	·7355	7·733	·4045	65

EASTERN COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

 $2\frac{1}{2}$ per cent.

 $2\frac{1}{2}$ per cent.

Age x	D_x	N_x	$\bar{a}_x$	$\bar{A}_x$	$\bar{a}_{xx}$	$\bar{A}_{xx}^1$	Age x
66	12 050	117 657	10·260	·7466	7·334	·4095	66
67	11 400	106 257	9·816	·7576	6·949	·4142	67
68	10 749	95 508	9·381	·7683	6·577	·4188	68
69	10 102	85 405·6	8·949	·7790	6·212	·4233	69
70	9 464·3	75 941·3	8·518	·7897	5·850	·4278	70
71	8 835·8	67 105·5	8·089	·8003	5·489	·4322	71
72	8 215·1	58 890·4	7·663	·8108	5·131	·4366	72
73	7 598·4	51 292·0	7·243	·8211	4·782	·4410	73
74	6 981·8	44 310·2	6·840	·8311	4·449	·4451	74
75	6 364·3	37 945·9	6·454	·8406	4·138	·4489	75
76	5 749·1	32 196·8	6·091	·8496	3·850	·4525	76
77	5 142·4	27 054·4	5·751	·8580	3·587	·4557	77
78	4 552·9	22 501·5	5·431	·8659	3·344	·4587	78
79	3 988·0	18 513·5	5·130	·8733	3·120	·4615	79
80	3 452·6	15 060·9	4·849	·8803	2·915	·4640	80
81	2 952·3	12 108·6	4·587	·8867	2·728	·4663	81
82	2 491·7	9 616·9	4·345	·8927	2·558	·4684	82
83	2 075·1	7 541·8	4·119	·8983	2·403	·4703	83
84	1 704·6	5 837·2	3·907	·9035	2·263	·4721	84
85	1 380·7	4 456·5	3·710	·9084	2·136	·4736	85
86	1 103·5	3 353·0	3·519	·9131	2·013	·4751	86
87	869·40	2 483·60	3·336	·9176	1·898	·4766	87
88	674·44	1 809·16	3·160	·9220	1·787	·4779	88
89	514·61	1 294·55	2·993	·9261	1·683	·4792	89
90	385·76	908·79	2·831	·9301	1·584	·4804	90
91	283·72	625·07	2·677	·9339	1·490	·4816	91
92	204·47	420·60	2·529	·9376	1·401	·4827	92
93	144·17	276·435	2·387	·9411	1·316	·4838	93
94	99·297	177·138	2·252	·9444	1·236	·4847	94
95	66·698	110·440	2·122	·9476	1·159	·4857	95
96	43·588	66·852	1·997	·9507	1·087	·4866	96
97	27·658	39·194	1·878	·9536	1·018	·4874	97
98	16·993	22·201	1·764	·9564	·952	·4882	98
99	10·084	12·117	1·657	·9591	·890	·4890	99
100	5·765	6·352	1·554	·9616	·830	·4898	100
101	3·165	3·187					101
102	1·664	1·523					102
103	·835	·688					103
104	·396	·292					104
105	·177	·115					105
106	·074	·041					106
107	·028	·013					107
108	·009	·004					108
109	·003	·001					109
110	·001	—					110

EASTERN COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES)

*Combined with the Sickness Rates of the Manchester Unity
Experience, 1893-97, Occupation Group A.H. 7.*

$2\frac{1}{2}$ per cent.

$2\frac{1}{2}$ per cent.

Commutation Columns K for Sickness Benefit Values

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
16	1 530 910	386 029	406 725	477 098	1 987 843	16
17	1 482 381	383 174	405 714	477 098	1 987 843	17
18	1 436 291	380 279	404 556	477 098	1 987 843	18
19	1 393 117	377 236	403 203	476 872	1 987 843	19
20	1 352 963	373 999	401 612	476 379	1 987 843	20
21	1 315 706	370 530	399 744	475 685	1 987 630	21
22	1 280 914	366 843	397 615	474 608	1 987 162	22
23	1 248 032	363 055	395 291	473 385	1 986 354	23
24	1 216 596	359 223	392 835	471 862	1 985 175	24
25	1 186 269	355 403	390 304	470 238	1 983 647	25
26	1 156 881	351 596	387 704	468 613	1 981 836	26
27	1 128 319	347 805	385 087	466 989	1 979 806	27
28	1 100 475	344 078	382 456	465 323	1 977 657	28
29	1 073 289	340 414	379 814	463 576	1 975 356	29
30	1 046 663	336 770	377 164	461 754	1 972 913	30
31	1 020 543	333 148	374 508	459 822	1 970 297	31
32	994 879	329 509	371 848	457 787	1 967 480	32
33	969 664	325 858	369 186	455 696	1 964 362	33
34	944 895	322 161	366 487	453 662	1 960 924	34
35	920 566	318 388	363 720	451 650	1 957 150	35
36	896 642	314 546	360 891	449 624	1 953 029	36
37	873 020	310 643	357 972	447 520	1 948 549	37
38	849 641	306 653	354 971	445 278	1 943 702	38
39	826 383	302 553	351 896	442 907	1 938 384	39
40	803 232	298 321	348 722	440 418	1 932 565	40
41	780 142	293 999	345 428	437 788	1 926 218	41
42	757 132	289 567	342 023	435 088	1 919 321	42
43	734 248	285 036	338 489	432 295	1 911 940	43
44	711 534	280 443	334 810	429 390	1 904 111	44
45	689 004	275 771	331 023	426 383	1 895 840	45
46	666 647	271 028	327 167	423 256	1 887 111	46
47	644 428	266 226	323 224	419 995	1 877 935	47
48	622 266	261 298	319 179	416 612	1 868 227	48
49	600 116	256 188	314 996	413 095	1 857 865	49
50	577 959	250 845	310 642	409 386	1 846 671	50
51	555 779	245 289	306 046	405 437	1 834 376	51
52	533 586	239 497	301 184	401 202	1 820 741	52
53	511 398	233 474	296 018	396 622	1 805 600	53
54	489 230	227 225	290 517	391 686	1 788 832	54
55	467 067	220 775	284 654	386 312	1 770 480	55

EASTERN COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

2½ per cent.

2½ per cent.

Commutation Columns K for Sickness Benefit Values

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
56	444 900	214 116	278 390	380 464	1 750 653	56
57	422 744	207 240	271 696	374 060	1 729 461	57
58	400 634	200 144	264 565	367 052	1 706 948	58
59	378 586	192 812	256 997	359 383	1 683 046	59
60	356 618	185 181	248 978	351 023	1 657 529	60
61	334 699	177 247	240 469	341 923	1 629 995	61
62	312 829	168 968	231 413	332 002	1 599 906	62
63	291 030	160 368	221 785	321 160	1 566 593	63
64	269 366	151 454	211 588	309 352	1 529 490	64
65	247 895	142 254	200 865	296 599	1 488 186	65
66	226 680	132 840	189 658	282 918	1 442 479	66
67	205 827	123 228	177 971	268 336	1 392 344	67
68	185 445	113 464	165 793	252 770	1 337 830	68
69	165 716	103 615	153 151	236 137	1 278 894	69
70	146 851	93 756·8	140 124	218 504	1 215 452	70
71	129 033	84 024·6	126 871	200 054	1 147 445	71
72	112 398	74 565·0	113 627	181 101	1 074 956	72
73	97 009·8	65 499·8	100 618	161 919	998 459	73
74	82 873·4	56 916·0	88 048·5	143 032	918 493	74
75	69 987·5	48 879·0	76 088·7	124 650	836 122	75
76	58 359·1	41 445·5	64 853·8	107 059	752 575	76
77	48 013·1	34 658·8	54 442·5	90 563·5	669 279	77
78	38 949·2	28 554·9	44 966·9	75 458·7	587 622	78
79	31 165·7	23 152·5	36 475·0	61 888·7	508 984	79
80	24 608·3	18 472·4	29 140·7	49 933·9	434 441	80
81	19 181·8	14 511·3	22 959·1	39 634·4	365 035	81
82	14 762·8	11 231·7	17 890·1	30 951·3	301 638	82
83	11 206·7	8 583·5	13 820·8	23 804·9	245 026	83
84	8 380·8	6 493·8	10 598·5	18 062·6	195 693	84
85	6 168·4	4 868·4	8 059·5	13 554·5	153 715	85
86	4 475·2	3 620·5	6 066·2	10 067·7	118 756	86
87	3 216·4	2 670·0	4 509·8	7 407·2	90 164·9	87
88	2 309·3	1 949·4	3 307·6	5 402·6	67 162·6	88
89	1 669·5	1 409·3	2 391·2	3 905·8	48 974·8	89
90	1 185·0	1 000·4	1 697·3	2 772·4	34 963·9	90
91	824·88	696·33	1 181·5	1 929·8	24 403·0	91
92	562·28	474·66	805·35	1 315·5	16 634·3	92
93	374·71	316·32	536·69	876·65	11 085·3	93
94	243·74	205·75	349·10	570·22	7 210·5	94
95	154·48	130·40	221·26	361·40	4 570·0	95
96	95·19	80·35	136·34	222·69	2 816·0	96
97	56·92	48·05	81·52	133·16	1 683·8	97
98	32·88	27·76	47·09	76·92	972·68	98
99	18·33	15·47	26·25	42·87	542·15	99
100	9·81	8·28	14·05	22·95	290·21	100

EASTERN COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES)

*Combined with the Sickness Rates of the Manchester Unity
Experience, 1893-97, Occupation Group A.H.Ƴ.*

$2\frac{1}{2}$ per cent.

$2\frac{1}{2}$ per cent.

Value of Sickness Benefits of 1 per week for the whole of life, in periods

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
16	25.40	6.40	6.75	7.92	32.98	16
17	25.26	6.53	6.91	8.13	33.87	17
18	25.14	6.66	7.08	8.35	34.79	18
19	25.05	6.78	7.25	8.58	35.75	19
20	25.00	6.91	7.42	8.80	36.74	20
21	24.99	7.04	7.59	9.04	37.75	21
22	25.01	7.16	7.76	9.27	38.80	22
23	25.05	7.29	7.94	9.50	39.88	23
24	25.12	7.42	8.11	9.74	40.98	24
25	25.19	7.55	8.29	9.99	42.12	25
26	25.28	7.68	8.47	10.24	43.30	26
27	25.36	7.82	8.66	10.50	44.51	27
28	25.46	7.96	8.85	10.77	45.75	28
29	25.55	8.10	9.04	11.04	47.03	29
30	25.64	8.25	9.24	11.31	48.33	30
31	25.72	8.40	9.44	11.59	49.65	31
32	25.79	8.54	9.64	11.87	51.01	32
33	25.86	8.69	9.85	12.15	52.39	33
34	25.92	8.84	10.05	12.45	53.80	34
35	25.98	8.99	10.27	12.75	55.24	35
36	26.04	9.14	10.48	13.06	56.72	36
37	26.09	9.29	10.70	13.38	58.24	37
38	26.14	9.44	10.92	13.70	59.80	38
39	26.17	9.58	11.15	14.03	61.39	39
40	26.19	9.73	11.37	14.36	63.02	40
41	26.19	9.87	11.60	14.70	64.67	41
42	26.18	10.01	11.83	15.04	66.36	42
43	26.15	10.15	12.05	15.40	68.09	43
44	26.10	10.29	12.28	15.75	69.86	44
45	26.05	10.42	12.51	16.12	71.67	45
46	25.97	10.56	12.75	16.49	73.53	46
47	25.89	10.69	12.98	16.87	75.44	47
48	25.78	10.82	13.22	17.26	77.39	48
49	25.65	10.95	13.46	17.65	79.40	49
50	25.49	11.06	13.70	18.06	81.45	50
51	25.31	11.17	13.94	18.46	83.53	51
52	25.10	11.26	14.17	18.87	85.64	52
53	24.86	11.35	14.40	19.28	87.77	53
54	24.60	11.43	14.61	19.70	89.95	54
55	24.32	11.50	14.81	20.11	92.18	55

EASTERN COUNTIES RURAL DISTRICTS MORTALITY
(1921 CENSUS—MALES) continued

$2\frac{1}{2}$ per cent.

$2\frac{1}{2}$ per cent.

Value of Sickness Benefits of 1 per week for the whole of life, in periods

Age	First 3 months	Second 3 months	Second 6 months	Second 12 months	After 2 years	Age
56	24·01	11·56	15·02	20·53	94·48	56
57	23·67	11·61	15·21	20·95	96·85	57
58	23·31	11·64	15·39	21·35	99·31	58
59	22·90	11·67	15·55	21·74	101·82	59
60	22·46	11·66	15·68	22·11	104·38	60
61	21·97	11·63	15·78	22·44	106·97	61
62	21·42	11·57	15·85	22·73	109·55	62
63	20·83	11·48	15·87	22·99	112·13	63
64	20·20	11·36	15·86	23·20	114·69	64
65	19·53	11·20	15·82	23·36	117·22	65
66	18·81	11·02	15·74	23·48	119·71	66
67	18·05	10·81	15·61	23·54	122·14	67
68	17·25	10·56	15·42	23·52	124·46	68
69	16·40	10·26	15·16	23·38	126·60	69
70	15·52	9·91	14·80	23·09	128·42	70
71	14·60	9·51	14·36	22·64	129·86	71
72	13·68	9·08	13·83	22·05	130·85	72
73	12·77	8·62	13·24	21·31	131·40	73
74	11·87	8·15	12·61	20·49	131·55	74
75	11·00	7·68	11·95	19·59	131·38	75
76	10·15	7·21	11·28	18·62	130·90	76
77	9·33	6·74	10·59	17·61	130·15	77
78	8·55	6·27	9·88	16·57	129·07	78
79	7·81	5·80	9·15	15·52	127·63	79
80	7·13	5·35	8·44	14·46	125·83	80
81	6·50	4·92	7·78	13·42	123·64	81
82	5·92	4·51	7·18	12·42	121·06	82
83	5·40	4·14	6·66	11·47	118·08	83
84	4·92	3·81	6·22	10·59	114·80	84
85	4·47	3·52	5·84	9·82	111·33	85
86	4·06	3·28	5·50	9·12	107·62	86
87	3·70	3·07	5·19	8·52	103·71	87
88	3·42	2·89	4·91	8·01	99·58	88
89	3·24	2·74	4·65	7·59	95·17	89
90	3·07	2·59	4·40	7·19	90·64	90
91	2·91	2·45	4·17	6·80	86·01	91
92	2·75	2·32	3·94	6·44	81·35	92
93	2·60	2·20	3·72	6·08	76·89	93
94	2·45	2·07	3·52	5·74	72·62	94
95	2·32	1·95	3·32	5·42	68·52	95
96	2·18	1·84	3·13	5·11	64·61	96
97	2·06	1·74	2·95	4·81	60·88	97
98	1·93	1·63	2·77	4·53	57·24	98
99	1·82	1·54	2·60	4·25	53·76	99
100	1·70	1·44	2·44	3·98	50·34	100