

same main features as that for 1915, shows lower rates than the 1913 curve at ages over 40. The causes that gave rise to these features suggest some interesting speculations as to ages of men in the "Old Army" and the effect of war conditions on the vitality of the general population. I have not the necessary statistics available however to investigate these points. The 1917 curve exhibits two features of interest, namely, the moving of the maximum point to an age one year younger, accompanied by a reduction in the rate of mortality below age 20, that is, at the training ages.

The curves of course do not show the relative rates of mortality among combatants in the three years under review, but I think it may be claimed that they are a fair index of the toll that the War has taken of the manhood of the nation during that period.

I am, Dear Sirs,

Yours faithfully,

Prudential Assurance Co., Limited,
Holborn Bars, E.C. 1.

J. BURN.

20 March 1918.

_ Mr. Burn has kindly supplied the actual rates of mortality experienced by the Prudential at ages 16 to 60 in the years 1913 and 1915-1917. These rates are given in the following Table, with the addition (in the first column) of the English Life No. 8 rates :

Values of q_x . Ages 16-60. Male Lives.

Age	English Life No. 8	PRUDENTIAL EXPERIENCE			
		1913	1915	1916	1917
16	·00259	·00290	·00467	·00404	·00374
17	·00279	·00317	·00790	·00840	·00483
18	·00302	·00379	·01386	·01856	·01283
19	·00326	·00372	·01845	·03201	·03834
20	·00348	·00397	·02003	·03731	·04742
21	·00366	·00386	·01838	·03772	·04559
22	·00378	·00386	·01695	·03460	·04394
23	·00386	·00377	·01665	·03124	·04063
24	·00392	·00399	·01534	·02805	·03769
25	·00400	·00441	·01376	·02572	·03507
26	·00411	·00442	·01340	·02379	·03248
27	·00425	·00451	·01311	·02192	·03014
28	·00440	·00475	·01199	·02098	·02886
29	·00458	·00532	·01246	·02001	·02794
30	·00478	·00499	·01168	·01915	·02601

Rates of Mortality amongst Male Industrial Policyholders in the Prudential Assurance Company, Ltd.

Rate of Mortality experienced during the year 1913

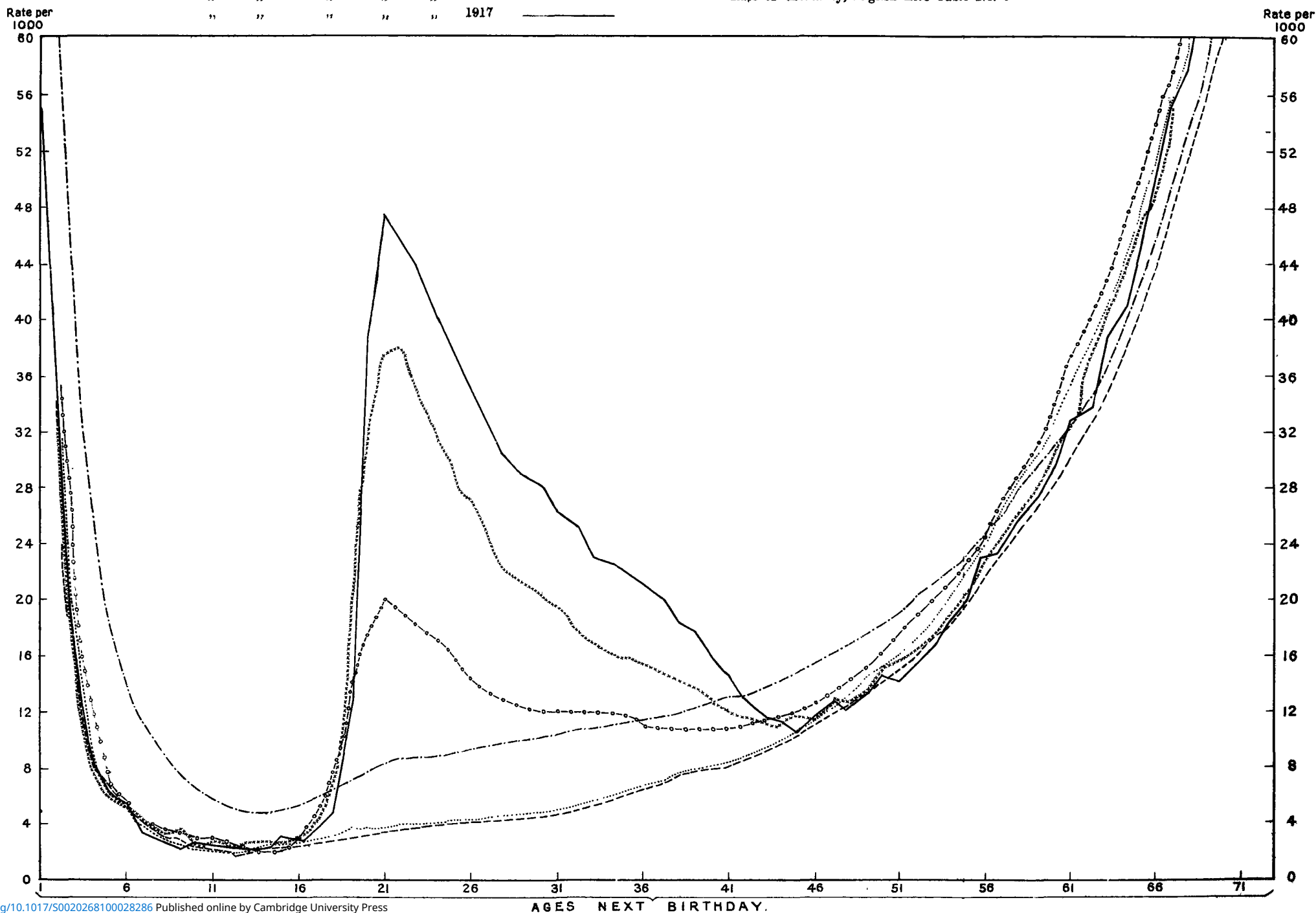
" " " " " 1915

" " " " " 1916

" " " " " 1917

Rate of Mortality, English Life Table No. 8

Rate of Mortality, English Life Table No. 8



Values of q_x . Ages 16-60. Male Lives—continued.

Age	English Life No. 8	PRUDENTIAL EXPERIENCE			
		1913	1915	1916	1917
31	·00502	·00562	·01182	·01773	·02501
32	·00528	·00520	·01177	·01675	·02304
33	·00558	·00605	·01225	·01576	·02265
34	·00590	·00594	·01145	·01565	·02194
35	·00624	·00642	·01118	·01488	·02097
36	·00659	·00667	·01087	·01440	·01977
37	·00695	·00714	·01069	·01369	·01816
38	·00731	·00742	·01065	·01286	·01744
39	·00769	·00811	·01130	·01216	·01588
40	·00811	·00798	·01119	·01152	·01452
41	·00858	·00902	·01094	·01140	·01286
42	·00909	·00908	·01137	·01099	·01159
43	·00964	·01005	·01123	·01065	·01111
44	·01024	·01063	·01169	·01173	·01043
45	·01089	·01121	·01258	·01130	·01154
46	·01158	·01184	·01288	·01253	·01236
47	·01231	·01308	·01438	·01233	·01205
48	·01308	·01391	·01469	·01316	·01290
49	·01391	·01520	·01660	·01479	·01427
50	·01482	·01609	·01781	·01551	·01413
51	·01586	·01717	·01831	·01643	·01533
52	·01701	·01877	·01873	·01710	·01637
53	·01827	·01861	·02107	·01898	·01854
54	·01963	·02269	·02255	·02008	·01987
55	·02111	·02423	·02372	·02234	·02283
56	·02272	·02637	·02642	·02397	·02318
57	·02444	·02852	·02869	·02629	·02558
58	·02629	·02991	·03191	·02786	·02731
59	·02827	·03307	·03559	·03075	·02996
60	·03042	·03462	·03802	·03268	·03291