THE RECENT TREND OF MORTALITY IN ENGLAND AND WALES

By W. S. HOCKING, O.B.E., F.I.A. Of the Government Actuary's Department

In continuation of the tables given in J.I.A. LXXVI, 65-69, central death-rates in age-groups for males and females separately in the year 1949, and the ratios of these death-rates to the corresponding rates for the years 1930-31-32, are shown in Table 1. Both the deaths and the populations from which the death-rates have been derived are limited to civilians, but a few deaths due to war are included—mainly those of war-disabled ex-servicemen. The effect of the withdrawal of healthy lives to the Forces should be borne in mind in examining the trend of the rates for young adult ages in this and the following tables.

In order that the trend of mortality rates since 1930-32 may be conveniently studied, the group death-rates and ratios to the 1930-32 standard since 1933 are shown in Tables 2 and 3 respectively, and the ratios to the 1930-32 standard have been shown in graphical form on pp. 123-4. In these tables and graphs the age-groups have been reduced to six, viz., under age 1 (infants), 1 to 4 (young children), 5 to 14 (children of school age), 15 to 44 (younger adults), 45 to 64 (older adults) and 65 and over (elderly). Further, so as to eliminate the effect of the considerable changes in the age distribution of the population that have taken place since 1930-32, the group death-rates and ratios have been standardized on the age distribution of England and Wales at the 1931 Census.

Table 1. Deat	h-rates for age-	groups in En	ngland and	Wales in the
year 1	1949, and ratios	to the rates	for 1930-31	1-32

Ago group	Death	-rates	Ratios to 1930-32		
Age-group	Males	Females	Males	Females	
0-4 5-9 10-14 15-19	·00866 ·00080 ·00063 ·00127	.00671 .00057 .00049 .00096	'403 '349 '420 '498	·398 ·281 ·340 ·417	
20-24 25-29 30-34 35-39 40-44	.00159 .00166 .00187 .00248 .00377	*00143 *00156 *00176 *00214 *00283	.485 .503 .514 .520 .584	'509 '510 '527 '543 '578	
45-49 50-54 55-59 60-64 65-69	.00659 .01052 .01750 .02853 .04297	.00433 .00654 .00999 .01597 .02652	.708 .804 .915 .978	•644 •690 •719 •748 •786	
75-74 75-79 80-84 85 and over	·06668 ·10325 ·15973 ·24895	.04690 .07902 .12776 .21754	·896 ·876 ·889 ·883	·844 ·849 ·864 ·878	
All ages: Crude rates Standardized*	•01263 •00966	·01110 ·00793	*994 *760	·988 ·706	

^{*} Standardized on 1931 census age-distribution.

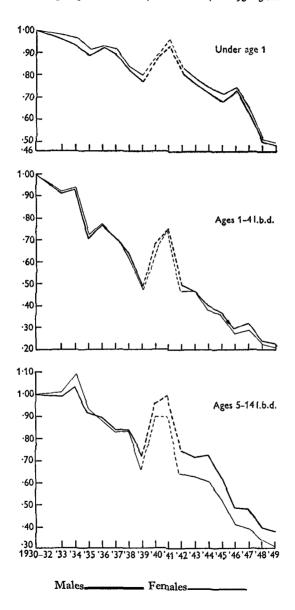
Table 2. Standardized death-rates for age-groups in England and Wales (standardized on 1931 census age-distribution)

	Age-group						All	
Year	Under 1	1-4	5-14	15-44	4564	65 and over	ages	
	Males							
1930-32	.07650	.00755	.00190	-00385	.01653	·08063	.01271	
1933	.07354	•00688	·00189	.00390	·01687	-08075	.01272	
1934	.07109	·00697	.00198	·00356	01629	.07687	.01216	
1935	.06791	.00232	.00175	.00342	.01613	.07755	.01192	
1936	.07042	.00580	.00171	.00332	·01658	.08013	.01220	
1937	.06845	.00536	.00161	-00338	.01701	.08105	.01230	
1938	.06257	.00483	.00161	.00312	.01572	.07588	.01142	
1939	.05874	·00367	.00132	.00304	.01628	·0 <u>7</u> 947	01128	
1940	·06631	.00211	.00181	·00447	.01923	.08729	.01368	
1941	.07111	.00557	.00188	·00479	.01701	.07774	.01282	
1942	-06150	.00372	.00142	.00393	.01203	07089	.01122	
1943	.05746	.00348	.00136	.00402	.01542	.07146	.01132	
1944	.05428	.00298	.00138	.00409	.01517	.06891	.01105	
1945	.05194	.00275	.00110	.00382	.01477	.06849	.01021	
1946	.05558	*00220	100092	·00254	.01467	.06713	-00996	
1947	.04748	.00236	.00001	00238	.01496	.07346	01025	
1948	.03843	.00179	.00076	.00202	.01398	.06557	.00012	
1949	.03694	.00166	.00072	.00201	.01451	.07227	.00966	
			Fem	ALES				
1930-32	.05705	.00677	.00174	.00333	'01197	•06839	'01124	
1933	.05587	.00622	.00176	.00342	.01219	.07011	.01142	
1934	.05486	.00633	.00100	.00314	.01143	.06469	,01069	
1935	.05207	.00490	.00165	.00301	.01126	.06467	·01043	
1936	.05286	'00519	.00120	100289	.01139	06682	.01028	
1937	.05232	.00477	.00142	.00292	.01126	•06785	01068	
1938	04738	.00424	.00145	.00264	.01028	.06137	.00970	
1939	.04566	.00322	*00114	·00260	1,01071	.06547	100992	
1940	.02000	.00444	.00126	.00318	.01208	.07194	'01121	
1941	.05462	.00499	.00126	.00302	.01062	-06323	.01021	
1942	'04752	.00318	.00111	·00254	.00951	.05633	.00800	
1943	.04478	.00317	.00108	.00256	•00958	.05847	100905	
1944	.04254	'00254	.00102	.00247	.00021	.05462	.00854	
1945	.04063	.00232	-00090	.00224	•00899	.05485	.00834	
1946	.04229	.00182	.00071	.00202	.00892	05582	00829	
1947	.03676	.00194	.00068	.00203	18800	05782	.00833	
1948	.02955	.00122	.00059	.00182	.00821	.05110	'00742	
1949	.02817	.00139	.00023	.00174	.00820	.05758	.00793	

Table 3. Ratios of standardized death-rates for age-groups in England and Wales to the rates for 1930-31-32 (standardized on 1931 census age distribution)

		Age-group					All
Year	Under 1	1-4	5-14	15-44	45-64	65 and over	ages
			MA	LES			
1930-32	1.000	1,000	1.000	1.000	1.000	1.000	1.000
1933	-961	.911	•995	1.013	1.051	1.001	1.001
1934	929	.923	1.042	.925	·985	*953	1957
1935	-888	.709	.921	-888	•976	.962	•938
1936	.921	·768	.ã00	·86 ₂	1.003	' 994	•96 0
1937	1 895	٠٦٢٥	·847	.878	1.029	1.002	•968
1938	.818	·640	·847	·818·	.951	'941	.901
1939	.768	·486	.721	.790	·985	.986	.011
1940	.867	-677	•953	1.191	1.163	1.083	1.076
1941	.630	•738	.989	1.544	1.029	•964	1.011
1942	804	.493	'747	1,031	•909	·879	∙883
1943	'75I	•461	.716	1.022	.933	·886	.891
1944	710	.392	.726	1.063	.518	·8 ₅₅	867
1945	•679	•364	•626	1,000	·894	.849	•843
1946	.727	•291	•484	·66o	∙887	·833	•784
1947	-621	.313	·479	·618	.802	.911	∙806
1948	.502	•237	·400	.532	•846	.813	720
1949	.483	•220	*379	.522	·8 ₇ 8	•896	•760
	Females						
1930-32	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1933	.979	.923	1.011	1.027	1.018	1.022	1.016
1934	.962	.935	1.002	.943	.955	·946	.951
1935	.913	.724	.931	-904	.941	946	·928
1936	.927	•767	·862	∙868	.952	.977	•941
1937	.918	.705	-833	·877	•966	1992	.950
1938	.831	·626	.833	.793	·884	.897	·863
1939	∙800	·476	655	•781	·895	.957	.883
1940	·876	∙656	·897	.955	1.000	1.025	.997
1941	.957	.737	897	907	·891	.925	•908
1942	.833	470	•638	.763	.794	.824	.792
1943	785	·468	·621	·769	-800	*855	·805
1944	.746	·375	·6o3	.742	.769	'799	•760
1945	.712	'347	·517	.673	.75 <u>1</u>	.802	.742
1946	.741	.273	•408	-616	.748	.816	.738
1947	•644	·287	.391	·610	.736	·8 ₄₅	.741
1948	.518	.229	.339	.547	∙686	i '747	•660
1949	'494	.202	.302	.23	.710	842	•706

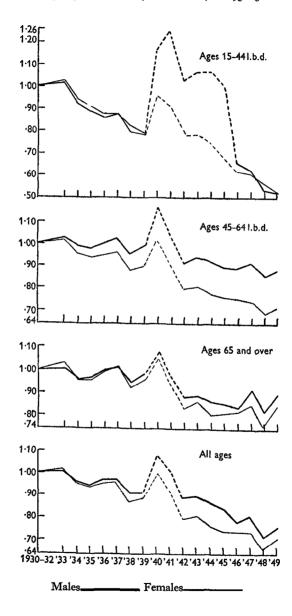
Ratios of group death-rates (standardized) to 1930-32 rates



Ratios markedly affected by war conditions have been joined together by broken lines.

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