

payments. In particular, there is no segregation of experience during the first year or two under immediate annuities. There has been excluded from all figures in the schedules the excess amount, if any, of each annuity over and above \$1,200 per annum. Experience under immediate annuities and matured deferred annuities has been combined in the schedules; there is no segregation of one kind from the other. The schedules for females do not separate experience under individual annuities from that under group annuities, there being a relatively small amount of the latter. The foregoing comments are offered in the interests of clarity and as an aid to later discussion, and not as a criticism.

*Comparison of 1943-8 Experience with the British Offices Tables*

As a first step in measuring the mortality experience represented by the schedules, I have compared the actual deaths with the deaths that would have occurred if the experience had exactly followed the British Offices (Ultimate) Annuity Mortality tables (called the a(m) and a(f) tables), set back 3 years of age. This yard-stick was selected because it is the basis upon which deferred annuities are now being issued; and immediate annuities now being issued are based upon these tables modified in but one respect, i.e., the reduction of tabular death rates during the first year of annuity payments by 37 per cent, the tables so modified being the official "select" tables. With only small adjustment, Tables 1 and 2 therefore show how the 1943-8 mortality experience conformed to the mortality rates which premium rates now offered to new purchasers assume will prevail in the future as long as currently-issued annuities continue in existence. Each of these two tables shows, in terms of thousands of dollars of annual annuity, the "exposed to risk," the "tabular" deaths (deaths that would have occurred if they had conformed to the stated tables), the actual deaths, and the percentage of actual to tabular deaths. Table 1 relates to males and includes all kinds of annuities.

TABLE 1

Males—All kinds of annuities.  
1943-8 experience measured by a(m) ultimate table.  
Set back 3 years of age.

Attained Ages	Exposed to risk	Tabular deaths	Actual deaths	% Actual of Tabular
	\$	\$	\$	%
50-4.....	1,296	12.4	6.7	*
55-9.....	2,492	33.4	34.0	102
60-4.....	4,104	80.0	92.0	115
65-9.....	5,646	158.6	183.5	116
70-4.....	3,945	160.9	169.5	105
75-9.....	2,449	151.4	170.1	112
80-4.....	1,133	109.8	132.1	120
85-9.....	388	55.4	76.0	137
90 up.....	105	22.5	24.9	111
Totals.....	21,558	784.4	888.8	113

\* This percentage not significant because of small size of group.