

Kumar De, A. and Kumar Som, R., Abridged Life Tables for rural India, 1957-1958, reprinted from The Milbank Memorial Fund Quarterly, April, 1964, Vol. XLII, No.2, Part 1, p. 96-108.

TABLE 2. ABRIDGED LIFE TABLE FOR RURAL INDIA FOR THE COMBINED SAMPLE OF MALES AND OF FEMALES SURVEYED IN TWO INTERPENETRATING SAMPLES OF NSS 14TH ROUND, 1957-1958.

Age Group (Years)	$q_x$	$q_x$	$l_x$	$\sum_{a=1}^{\infty} l_{x+a}$	$T_x$	$e_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Males</b>						
0	.1802	.142731	100,000		4,523,066	45.23
1-4	.0417	.138520	85,727		4,433,400	51.72
5-14	.0055	.053734	73,852		4,123,043	55.83
15-24	.0035	.034480	69,884	375,709	3,405,662	48.73
25-34	.0042	.041259	67,474	305,825	2,718,560	40.29
35-44	.0058	.056598	64,690	238,351	2,057,009	31.80
45-54	.0128	.121293	61,029	173,661	1,425,297	23.33
55-64	.0317	.281283	53,627	112,632	845,615	15.77
65-74	.0727	.536649	38,543	59,005	380,098	9.86
75-84	.1700	.855026	17,859	20,462		
85-94	.3973	.994660	2,589	2,603		
95+	.9289	1.000000	14	14		
<b>Females</b>						
0	.1672	.134191	100,000		4,637,173	46.37
1-4	.0444	.145946	86,581		4,566,891	52.75
5-14	.0055	.053734	73,945		4,235,264	57.53
15-24	.0054	.052779	69,972	388,885	3,535,912	50.53
25-34	.0056	.054689	66,279	318,913	2,854,714	43.07
35-44	.0061	.059454	62,634	232,634	2,209,966	35.27
45-54	.0087	.083870	58,929	189,980	1,601,037	27.17
55-64	.0208	.190594	53,987	131,051	1,032,000	19.12
65-74	.0497	.403544	43,697	77,064	537,460	12.30
75-84	.1189	.728038	26,063	33,367		
85-94	.2843	.969487	7,088	7,304		
95+	.6796	1.000000	216	216		

changed as little as possible. Only two rates were affected for Samples 1 and 2, and three rates for the combined sample. The smoothed rates for the combined sample for females are shown in column 2 of Table 2. The rates beyond age 65 have been derived by fitting a Gompertz curve. For males, the Gompertz curve was fitted to the observed rates in the age groups 35-44, 45-54, and 55-64 for the two samples separately as well as for the combined. For females, the same curve was fitted to the smoothed rates of age groups 45-54 and 55-64. The method followed in constructing the life table is described below.