

able 10. Life expectancy and mortality at various ages in a population of males with life expectancy at birth (e_0)² of 25 years, and the number of deaths at each age level and the number alive at the start of each age level out of an original population of 100,000 persons, according to Model West, life table, level 4

Age(s)	Deaths per thousand	Number of deaths	Number alive	Life expectancy
0	322.57	32257	100000	25.26
1	195.23	13226	67743	36.13
5	51.41	2803	54517	40.57
10	36.97	1912	51714	37.65
15	50.17	2498	49803	33.99
20	71.10	3364	47304	30.65
25	79.51	3494	43941	27.79
30	91.75	3711	40447	24.97
35	107.09	3934	36736	22.23
40	128.38	4211	32802	19.59
45	147.54	4218	28591	17.09
50	183.83	4481	24373	14.59
55	220.24	4381	19892	12.29
60	290.59	4507	15511	10.03
65	371.25	4085	11004	8.08
70	480.85	3327	6919	6.31
75	623.98	2241	3592	4.75
80	744.08	1005	1351	3.49
85	869.24	300	346	2.51
90	952.01	43	45	1.77
95	1000	2	2	1.24

¹ e_0 is a standard abbreviation in demography meaning life expectancy at birth, e being an abbreviation of the Latin word *etas* meaning age, o referring to age at birth. Life expectancy at other ages, at age 15, for instance, will correspondingly be written e_{15} .

'The immediate purpose' of the two demographers who calculated these model life tables was to estimate birth rates, death rates, and approximate age distributions in research on populations for which there were only incomplete or inaccurate data.² Although these scholars had in mind problems demographers met with in relation to developing countries, their work serves the study of historical populations as well, supplementing incomplete or inaccurate early modern or medieval demographic data, putting them into a more holistic demographic perspective, bridging lacunae in the age dimension of a population, usually with respect to infants and children, showing the proportion of a population at a specific age in a society with a usefully known demographic regime, the proportion of males in the age cohort 50-54, for instance.

And to Elliot 200 - Beneditow, The Black Death. A complete History