Kentucky County Life Expectancy Methodology and Data Table

Methods

Population and death count data were obtained from CDC wonder. The most recently available years of death data (2002 to 2011) were aggregated into 19 five-year age groups (see below) by decedent's residential county. The average number of deaths across the ten years was computed in order to match the single year of population data used. Life expectancy at birth was computed by entering these data into abridged life tables using the Chiang methodology.[1] Some death counts were unavailable due to data suppression rules. The death and population counts for age groups with suppressed death counts were replaced with the corresponding death and population counts for that age group in the state of Kentucky during the same time period. Life expectancy was not calculated for counties with missing or suppressed death and populations counts for 10 or more age groups.

Age Groups

- <1 Year
- 1 to 4 Years
- 5 to 9 Years
- 10 to 14 Years
- 15 to 19 Years
- 20 to 24 Years
- 25 to 29 Years
- 30 to 34 Years
- 35 to 39 Years
- 40 to 44 Years
- 45 to 49 Years
- 50 to 54 Years
- 55 to 59 Years
- 60 to 64 Years
- 65 to 69 Years
- 70 to 74 Years
- 75 to 79 Years
- 80 to 84 Years
- 85 Years and Over

The following table contains the life expectancy values for all the Kentucky counties that were part of this project. The final life expectancy map was based on the values in this table:

County	Life Expectancy at Birth	County (cont'd)	Life Expectancy at Birth (cont'd)	County (cont'd)	Life Expectancy at Birth (cont'd)	County (cont'd)	Life Expectancy at Birth (cont'd)
Adair	77	Edmonson	77	Knox	72	Nicholas	74
Allen	75	Elliott	75	Larue	76	Ohio	76
Anderson	76	Estill	73	Laurel	75	Oldham	79
Ballard	75	Fayette	78	Lawrence	73	Owen	76
Barren	76	Fleming	75	Lee	72	Owsley	71
Bath	74	Floyd	71	Leslie	72	Pendleton	75
Bell	72	Franklin	77	Letcher	72	Perry	70
Boone	78	Fulton	73	Lewis	74	Pike	72
Bourbon	76	Gallatin	73	Lincoln	75	Powell	72
Boyd	75	Garrard	78	Livingston	75	Pulaski	75
Boyle	76	Grant	75	Logan	76	Robertson	Insufficient Data
Bracken	75	Graves	76	Lyon	76	Rockcastle	74
Breathitt	70	Grayson	75	McCracken	76	Rowan	75
Breckinridge	75	Green	76	McCreary	73	Russell	76
Bullitt	78	Greenup	75	McLean	75	Scott	78
Butler	75	Hancock	77	Madison	77	Shelby	78
Caldwell	75	Hardin	77	Magoffin	73	Simpson	75
Calloway	78	Harlan	71	Marion	76	Spencer	77
Campbell	77	Harrison	75	Marshall	76	Taylor	76
Carlisle	76	Hart	76	Martin	73	Todd	75
Carroll	74	Henderson	76	Mason	75	Trigg	76
Carter	74	Henry	75	Meade	78	Trimble	76
Casey	74	Hickman	76	Menifee	75	Union	75
Christian	75	Hopkins	75	Mercer	75	Warren	77
Clark	76	Jackson	73	Metcalfe	74	Washington	77
Clay	72	Jefferson	77	Monroe	73	Wayne	76
Clinton	74	Jessamine	78	Montgomery	76	Webster	74
Crittenden	75	Johnson	72	Morgan	76	Whitley	72
Cumberland	73	Kenton	76	Muhlenberg	74	Wolfe	70
Daviess	77	Knott	73	Nelson	77	Woodford	77

1. Chiang CL. The life table and its construction. In: Introduction to stochastic processes in biostatistics. New York: John Wiley & Sons; 1968: 189–214.

ABOUT THE CENTER

The Center on Society and Health is an academic research center that studies the connections between social factors and health.

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