

Atlanta, Georgia Life Expectancy Methodology and Data Table

Methods

Population data were calculated using a weighted average of 2000 and 2010 data obtained from the U.S. Census Bureau. Death count data were obtained from the Public Health Information Portal at the Georgia Department of Public Health. The most recently available years of death data (2003 to 2012) were aggregated into 19 age groups (see below) by decedent's residential zip code. The average number of deaths across the ten years was computed in order to match the single year of population data (weighted average of 2000 and 2010) used. Death counts and population data were then entered into abridged life tables using the Chiang methodology.¹ The death and population counts for age

groups with zero deaths were replaced with the corresponding county death and population counts. Because there are two counties that comprise the city of Atlanta (DeKalb and Fulton), the substitutions for death and population counts were based on the county that the zip code encompasses. If the zip code fell between the two county boundaries, the county that included the most land area of the zip was used to replace counts. Zip codes with greater than 30% population change and population of less than 10,000 or with greater than 30% of the population in group quarters were excluded from analysis.

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 Atlanta area zip codes that were part of this project. The final life expectancy map was based on the values in this table:

Zip Code	Life Expectancy at Birth	Zip Code (cont'd)	Life Expectancy at Birth (cont'd)
30303	Insufficient Data	30317	73
30305	84	30318	72
30306	83	30319	82
30307	79	30324	81
30308	78	30326	Insufficient Data
30309	82	30327	83
30310	71	30331	75
30311	72	30332	Insufficient Data
30312	74	30334	Insufficient Data
30313	Insufficient Data	30336	Insufficient Data
30314	71	30342	81
30315	72	30354	71
30316	73	30363	Insufficient Data

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

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

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