

Supplemental Materials for
Life Expectancies across Congressional Districts in the United States

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Supplementary Figure 2: Maps showing the geographic distribution of life expectancy and the standard deviation of life expectancy for each of the 11 age groups

Supplementary Table 1. This table shows the correlation results for each of the 11 age groups.

At Birth

Matrix of correlations

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.988	0.991	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.991	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.994	0.993	0.987	0.995	1.000

1 to 4

Matrix of correlations

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.988	0.991	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.991	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.994	0.993	0.988	0.994	1.000

5 to 14

Matrix of correlations

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.988	0.991	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.991	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.994	0.993	0.988	0.994	1.000

15 to 24

Matrix of correlations

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.988	0.991	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.991	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.994	0.993	0.988	0.994	1.000

25 to 34

Matrix of correlations

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.988	0.991	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.990	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.994	0.993	0.988	0.994	1.000

35 to 44**Matrix of correlations**

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.987	0.990	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.990	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.993	0.992	0.987	0.994	1.000

45 to 54**Matrix of correlations**

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.986	0.989	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.988	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.993	0.992	0.985	0.994	1.000

55 to 64**Matrix of correlations**

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.982	0.985	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.984	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.992	0.992	0.981	0.993	1.000

65 to 74**Matrix of correlations**

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.996	1.000			
(3) LE (X) Median Neatly Nested	0.977	0.980	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.999	0.999	0.979	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.991	0.991	0.975	0.993	1.000

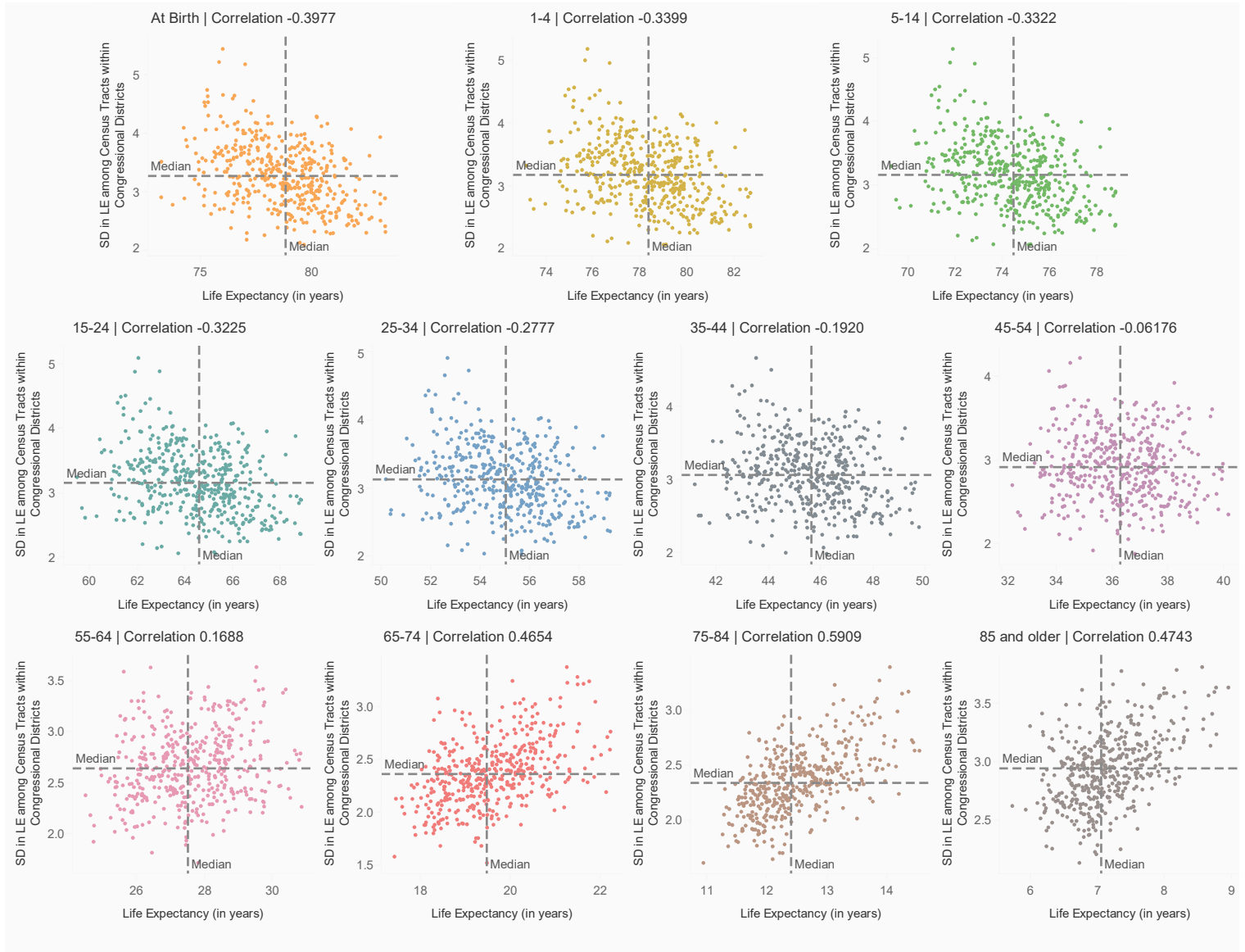
75 to 84**Matrix of correlations**

Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.993	1.000			
(3) LE (X) Median Neatly Nested	0.944	0.947	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.998	0.998	0.948	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.987	0.985	0.938	0.989	1.000

85 and Older**Matrix of correlations**

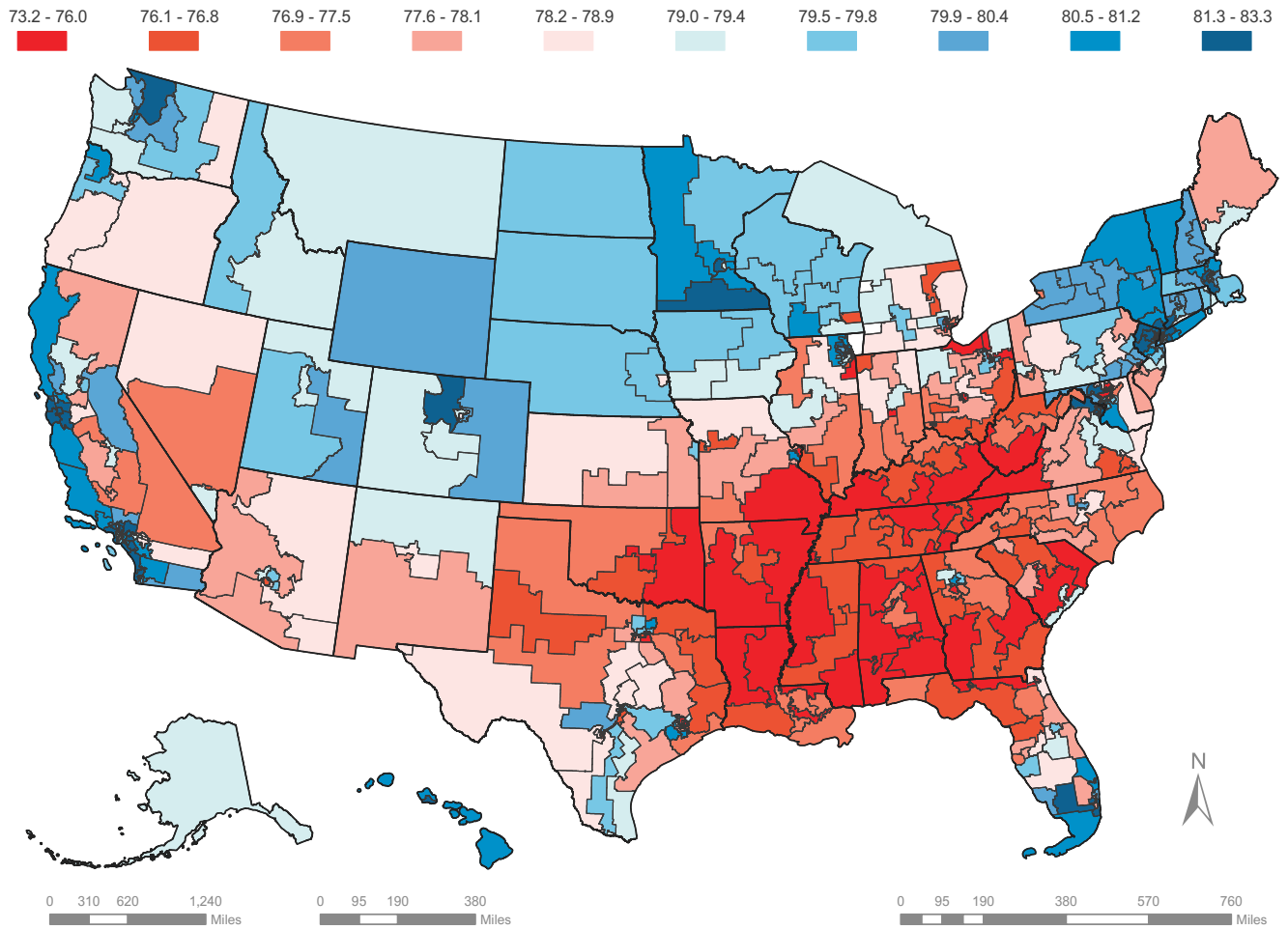
Variables	(1)	(2)	(3)	(4)	(5)
(1) LE (X) Avg-Counting All CTs	1.000				
(2) LE (X) Avg Neatly Nested	0.986	1.000			
(3) LE (X) Median Neatly Nested	0.863	0.873	1.000		
(4) LE (X) Avg-Weighted Accounting for Non-Neatly Nested Crosswalk	0.995	0.995	0.872	1.000	
(5) LE (X) Avg-Population Weighted Accounting for Non-Neatly Nested Crosswalk	0.973	0.972	0.847	0.979	1.000

Supplementary Figure 1. Scatter plots showing the correlation between standard deviation in life expectancy among the Census Tracts within the Congressional District and life expectancy for each of the 11 age groups.

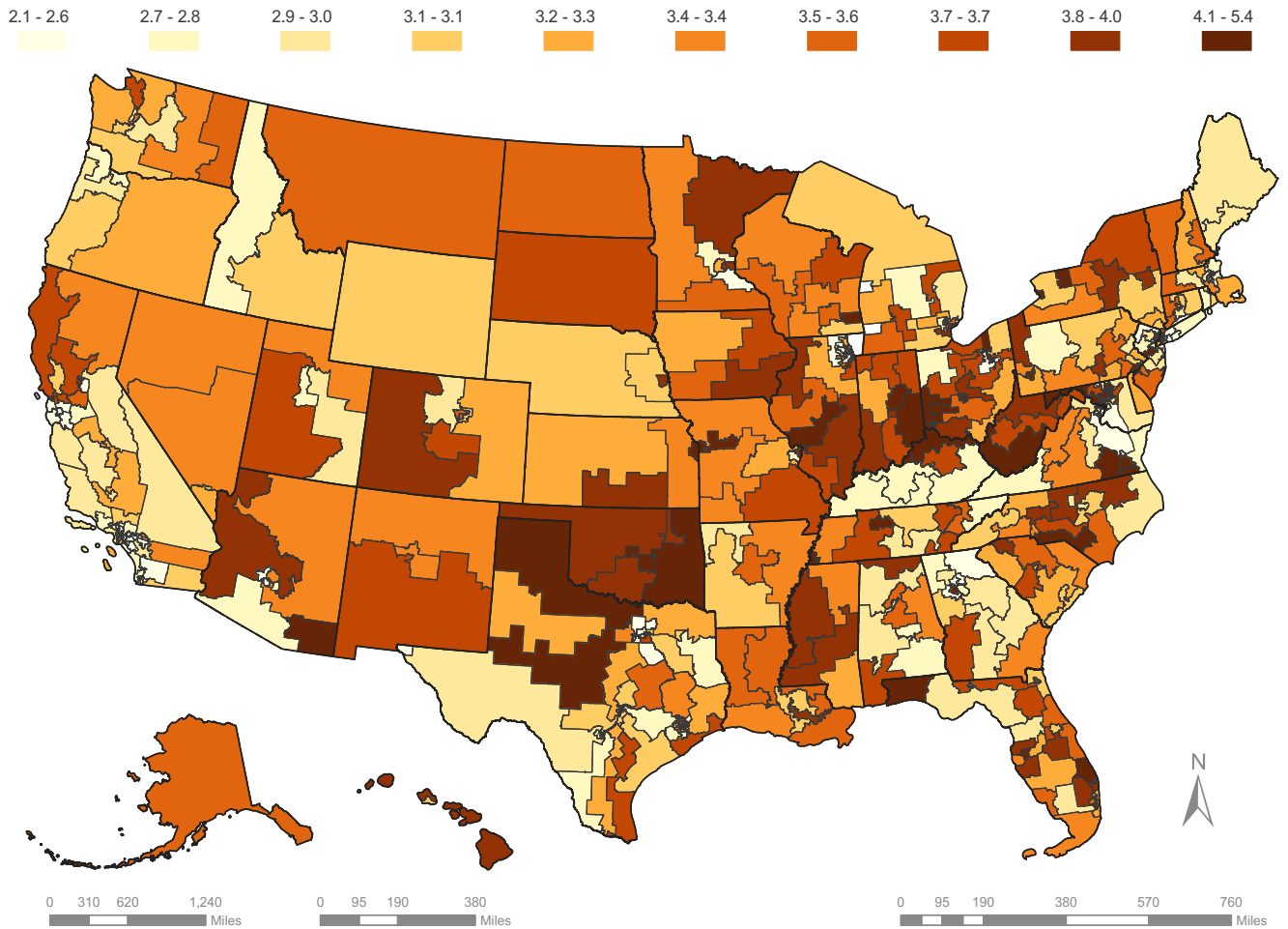


Supplementary Figure 2. These maps show the geographic distribution of life expectancy and the standard deviation of life expectancy for each of the 11 age groups. See the 22 maps starting on the next page.

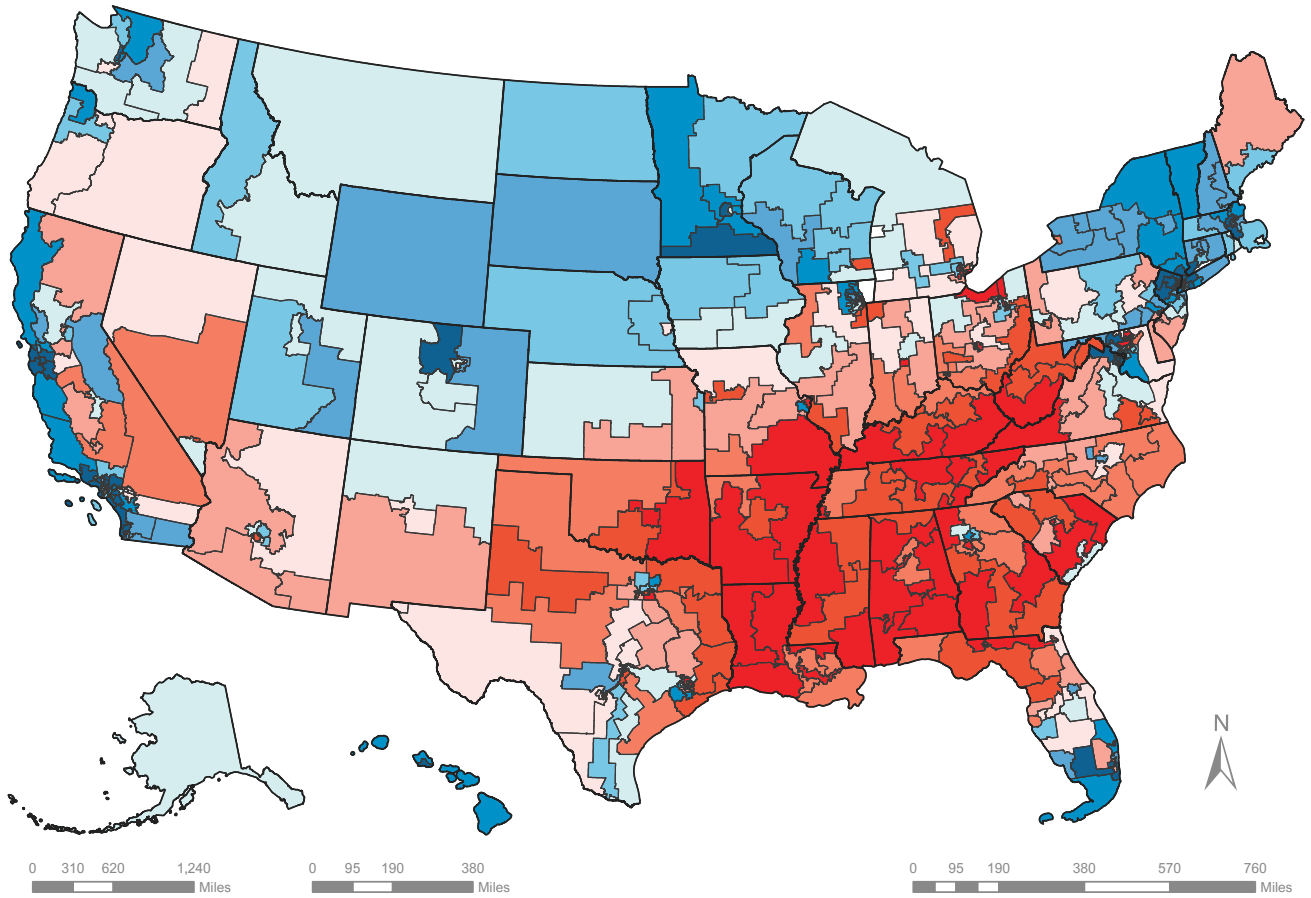
Life Expectancy (At Birth) in Years



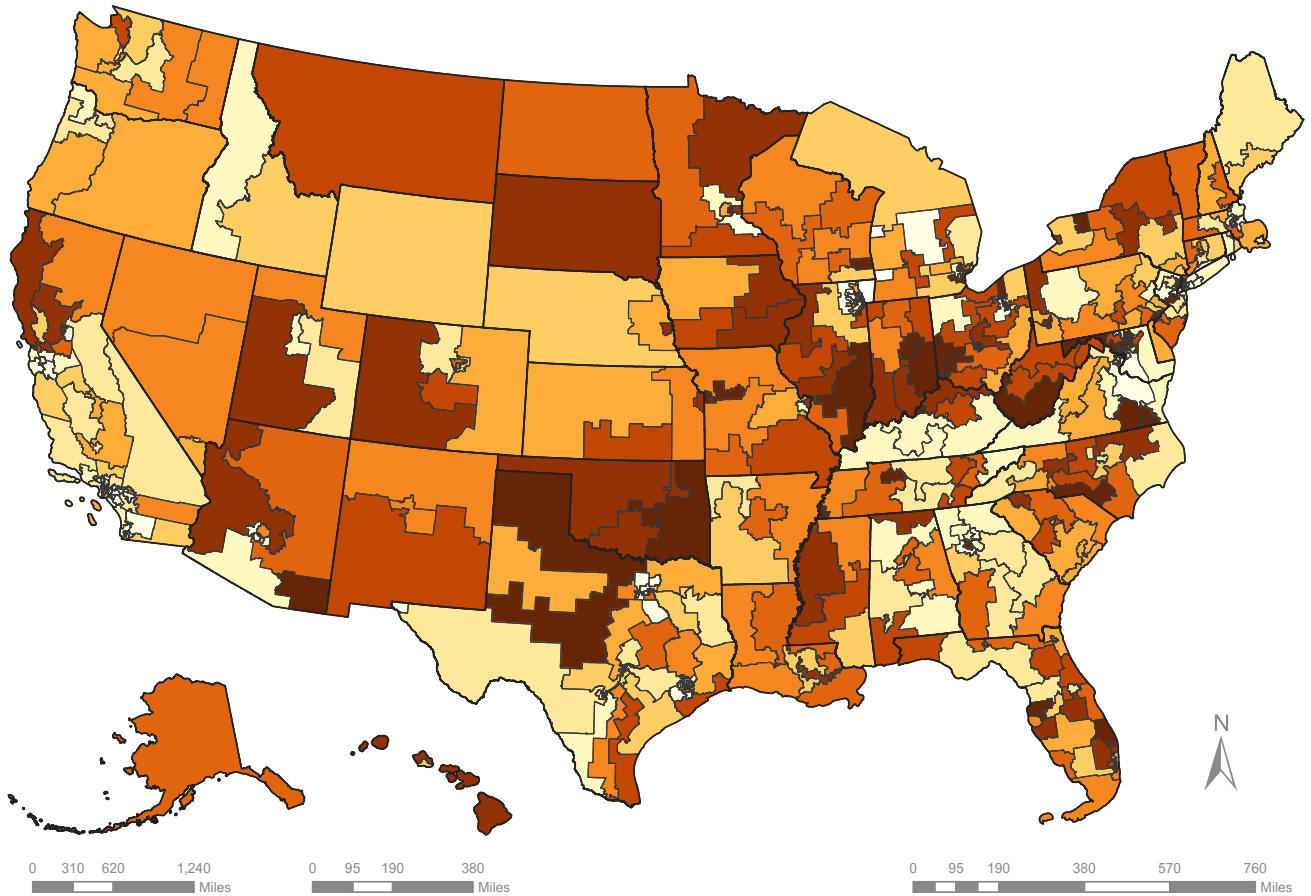
SD in LE (At Birth) among Census Tracts within Congressional Districts



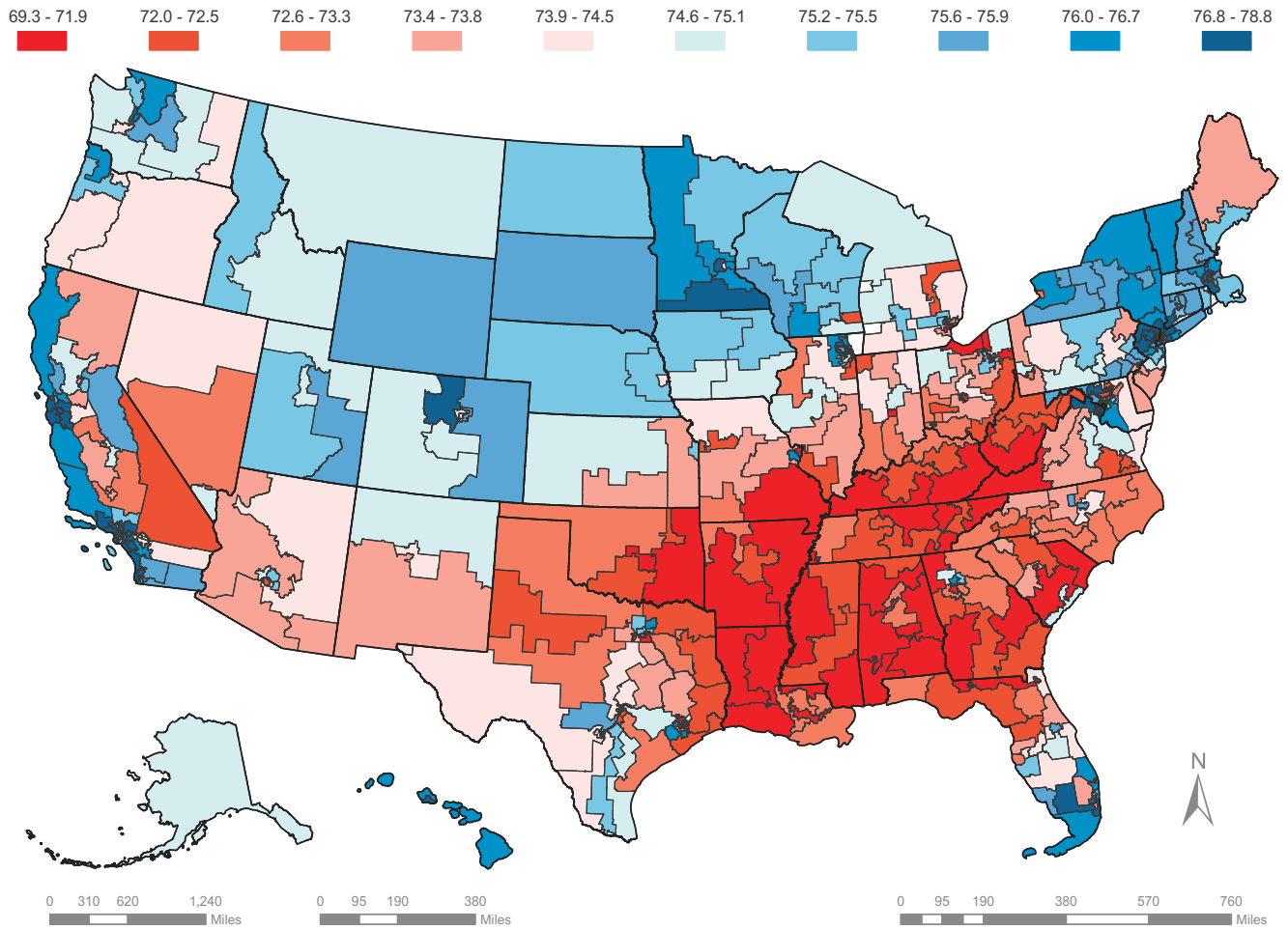
Life Expectancy (1-4) in Years



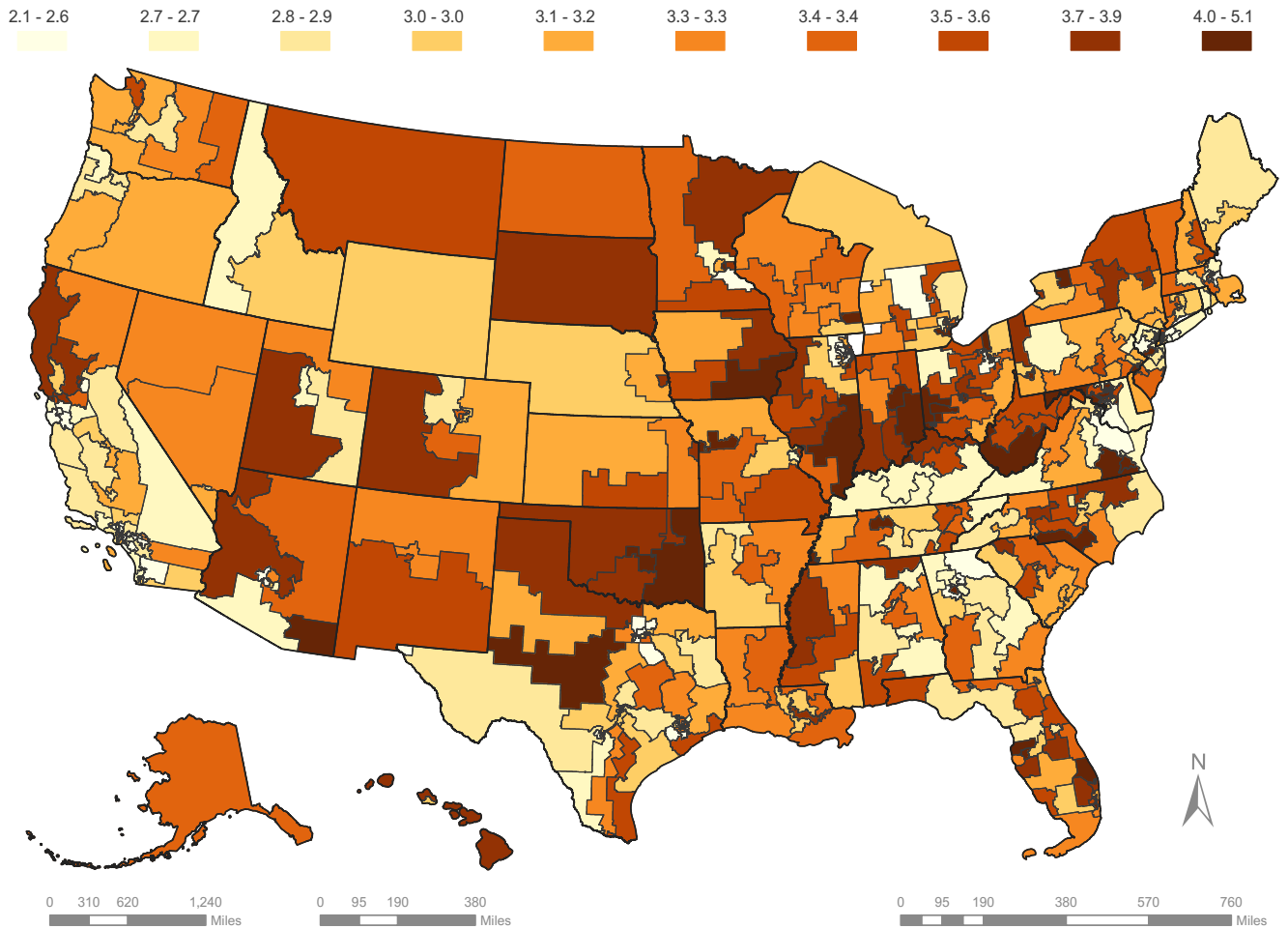
SD in LE (1-4) among Census Tracts within Congressional Districts



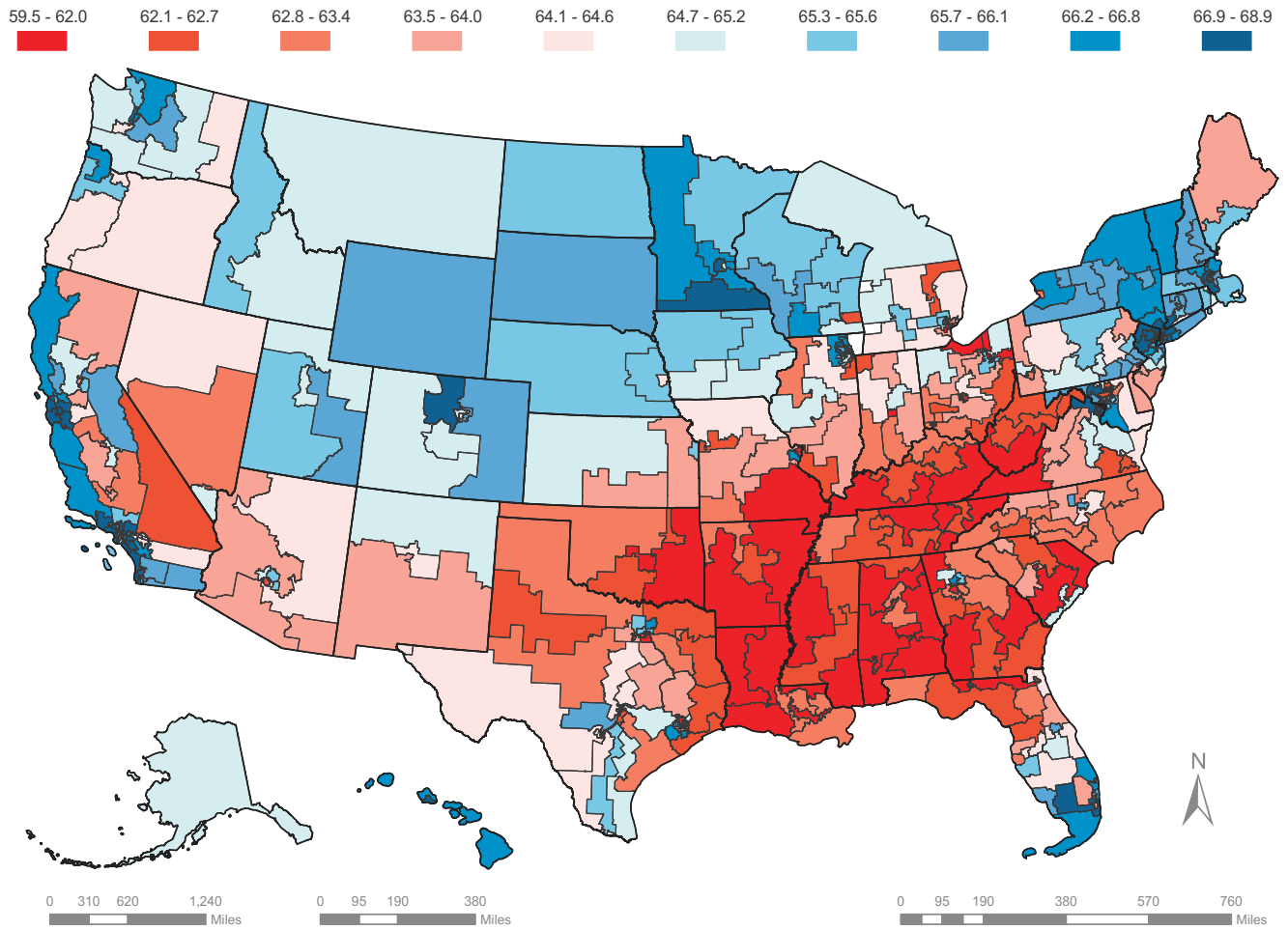
Life Expectancy (5-14) in Years



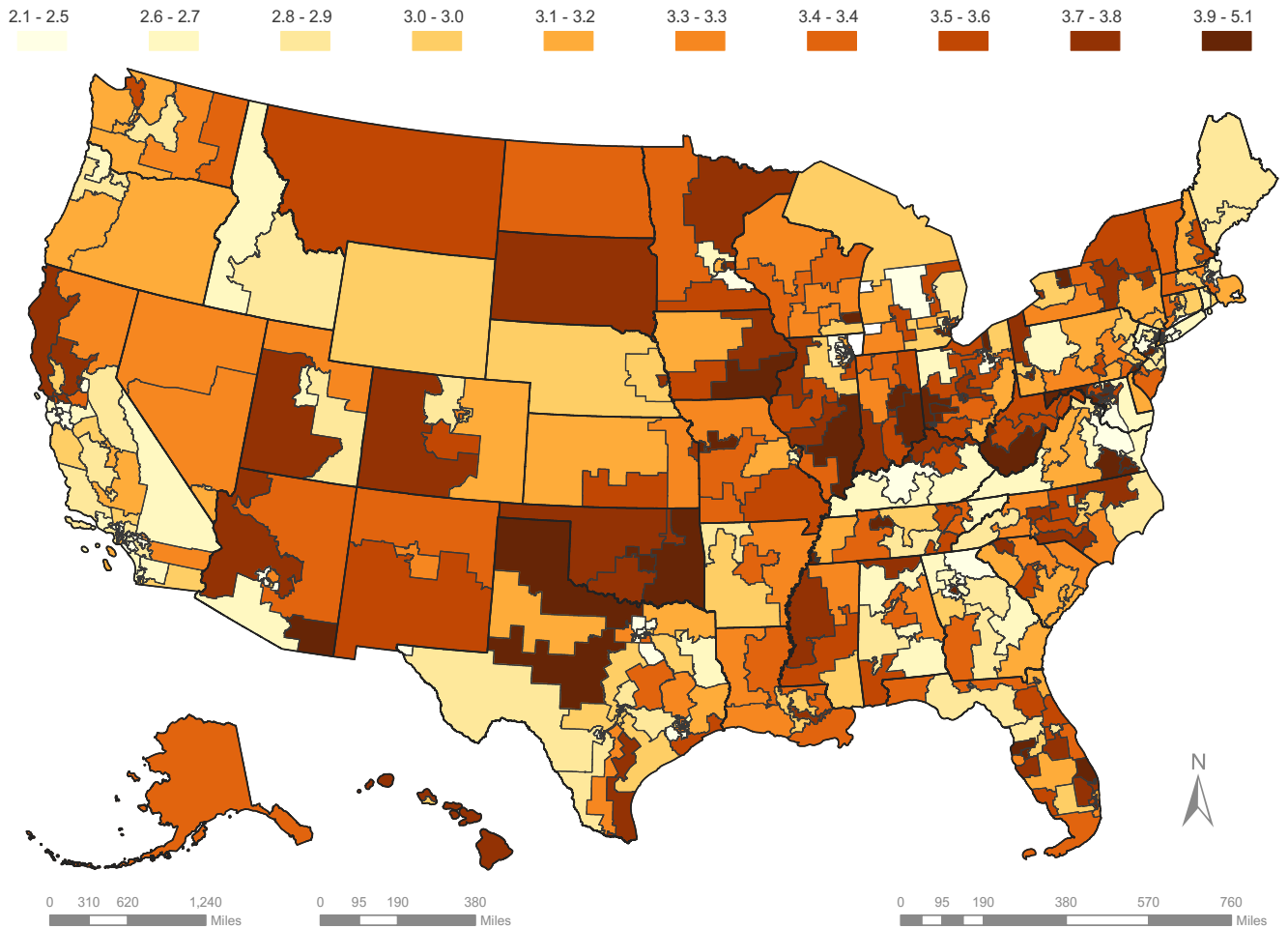
SD in LE (5-14) among Census Tracts within Congressional Districts



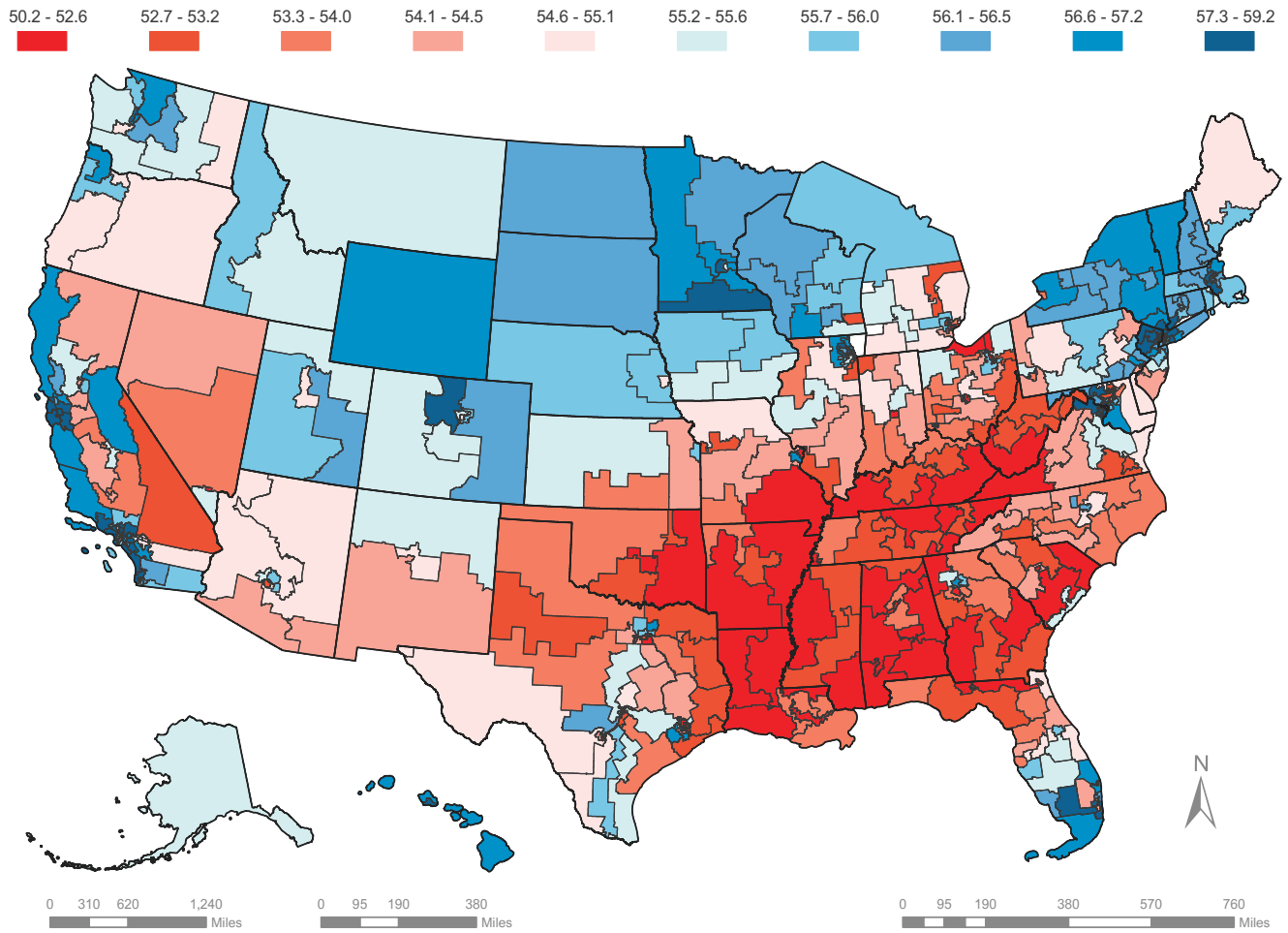
Life Expectancy (15-24) in Years



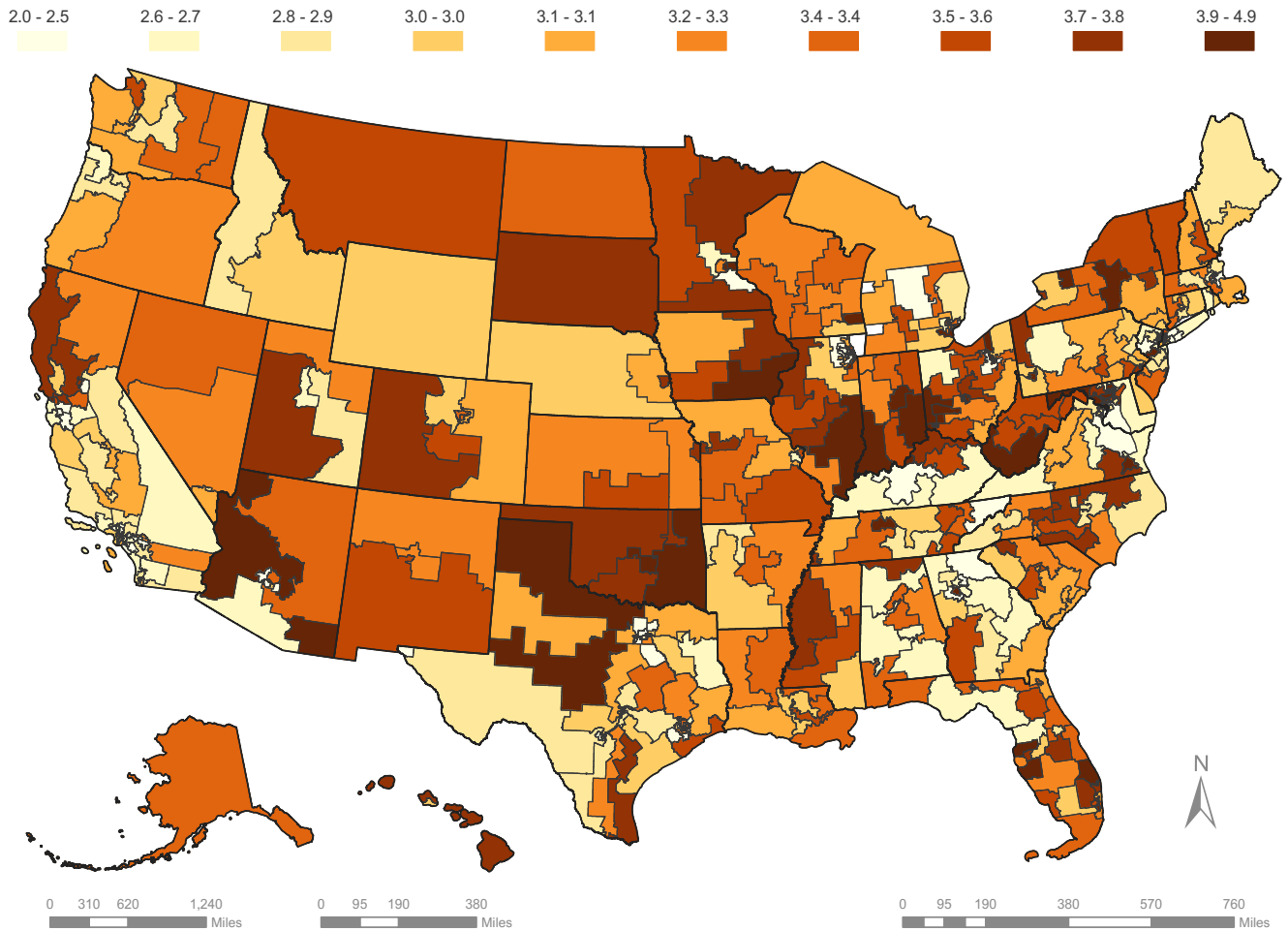
SD in LE (15-24) among Census Tracts within Congressional Districts



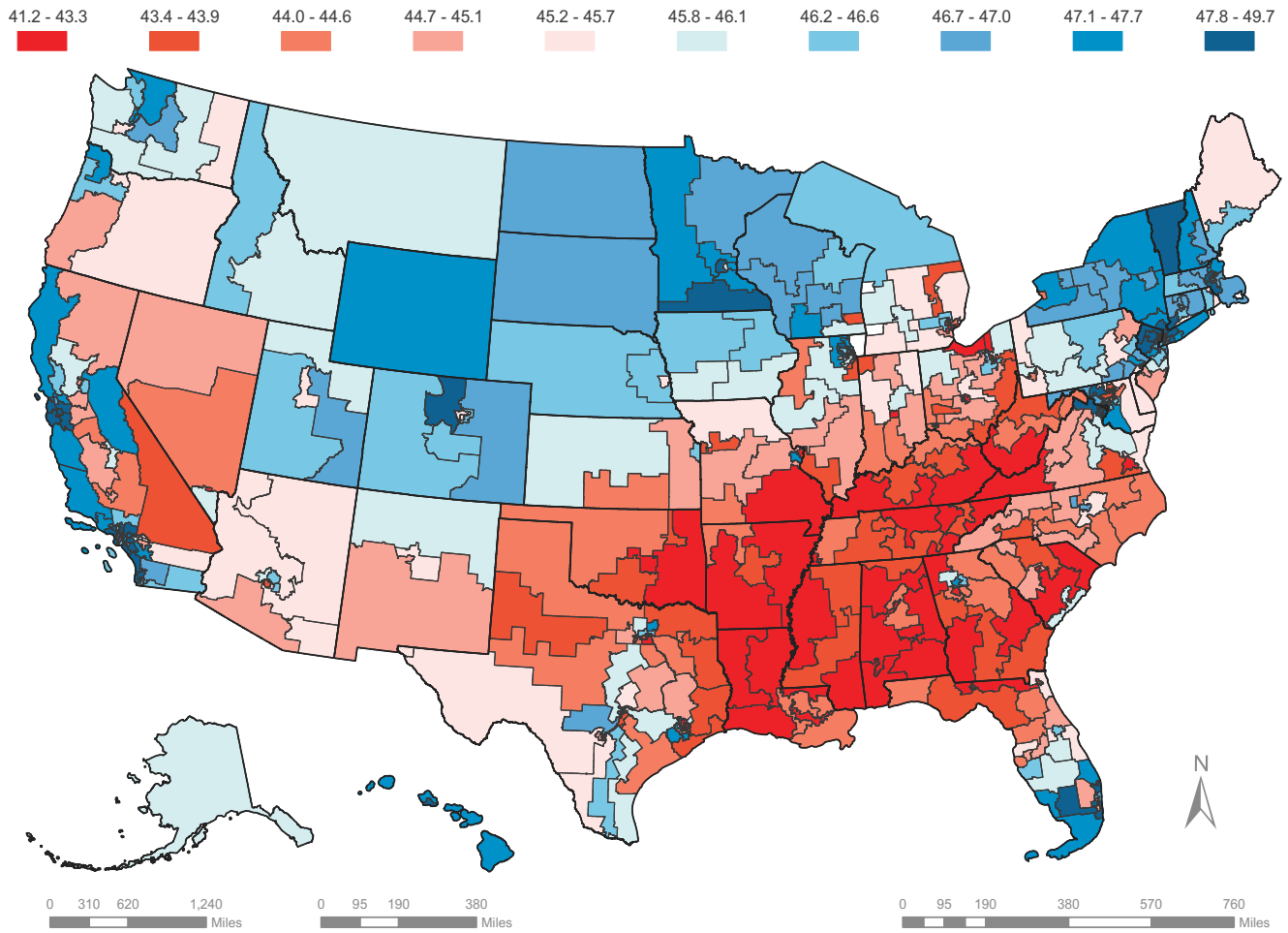
Life Expectancy (25-34) in Years



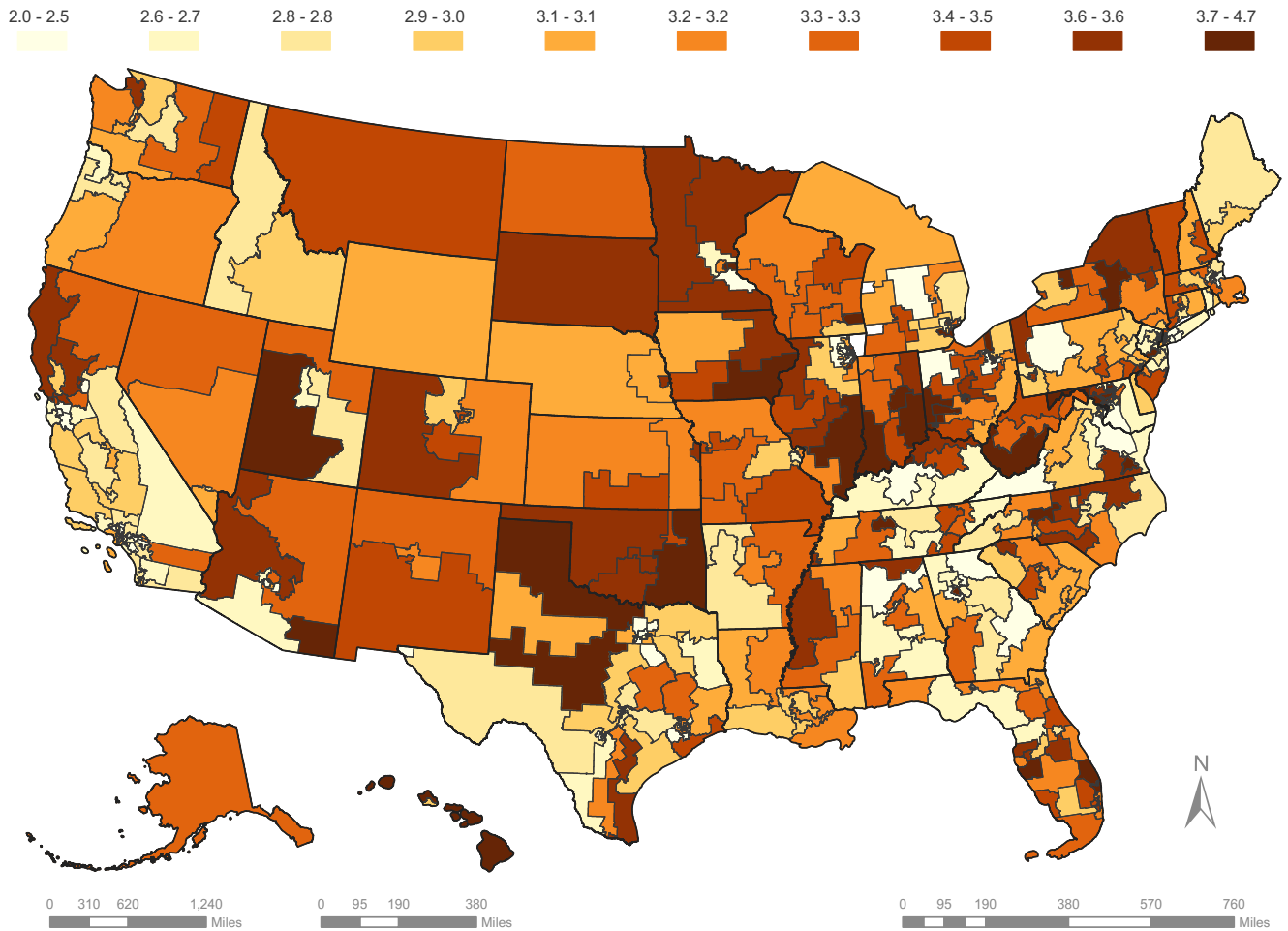
SD in LE (25-34) among Census Tracts within Congressional Districts



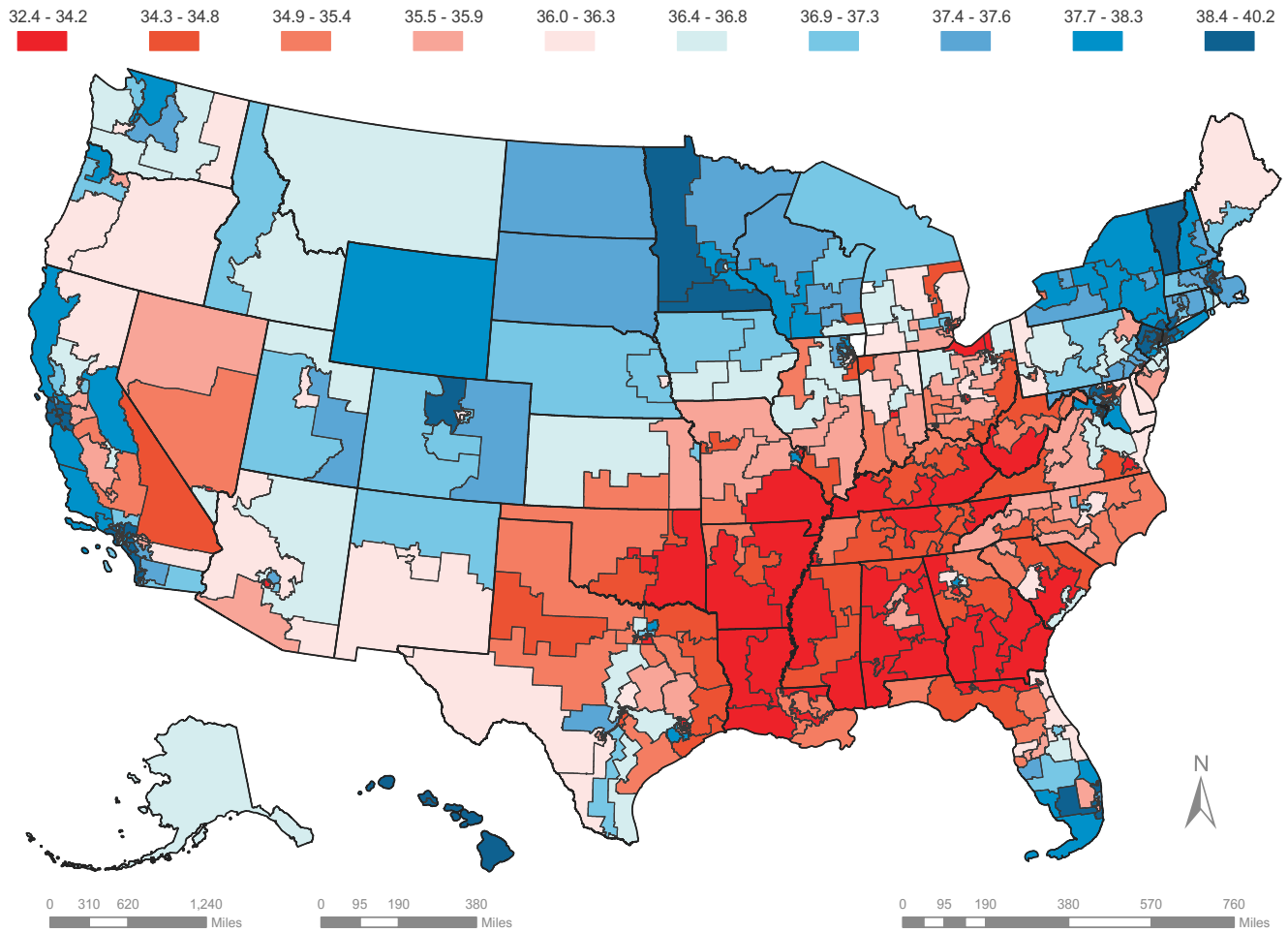
Life Expectancy (35-44) in Years



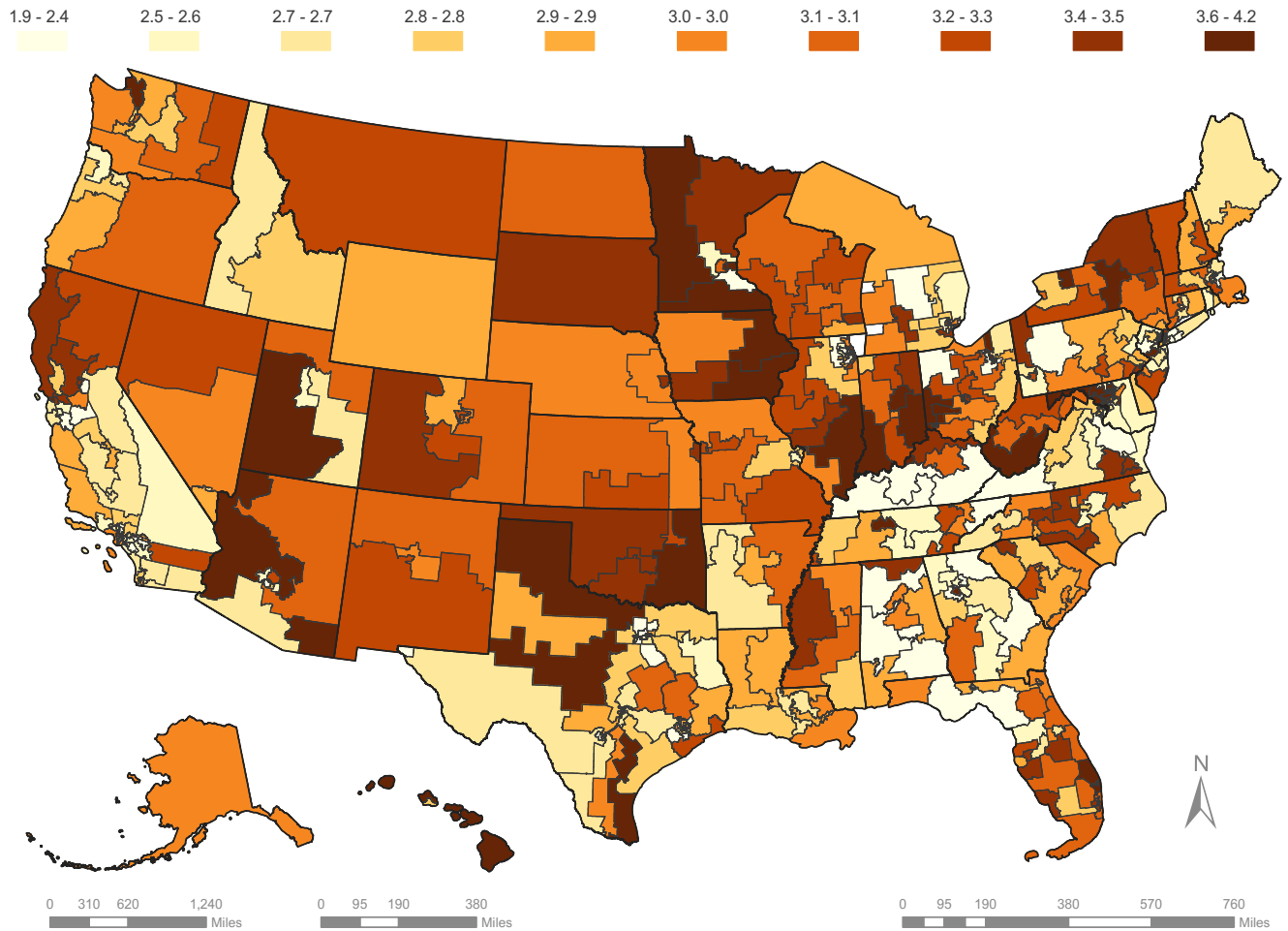
SD in LE (35-44) among Census Tracts within Congressional Districts



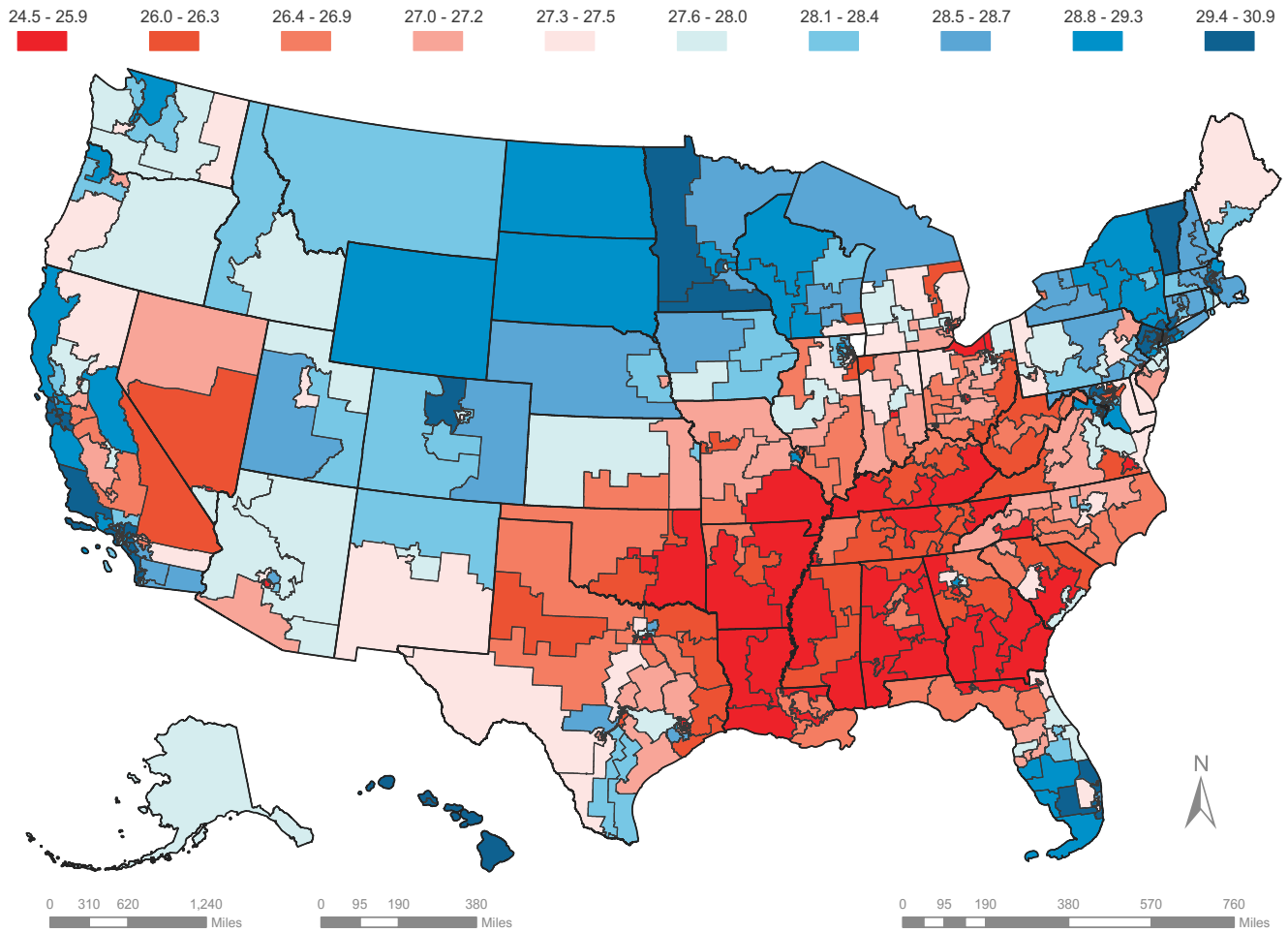
Life Expectancy (45-54) in Years



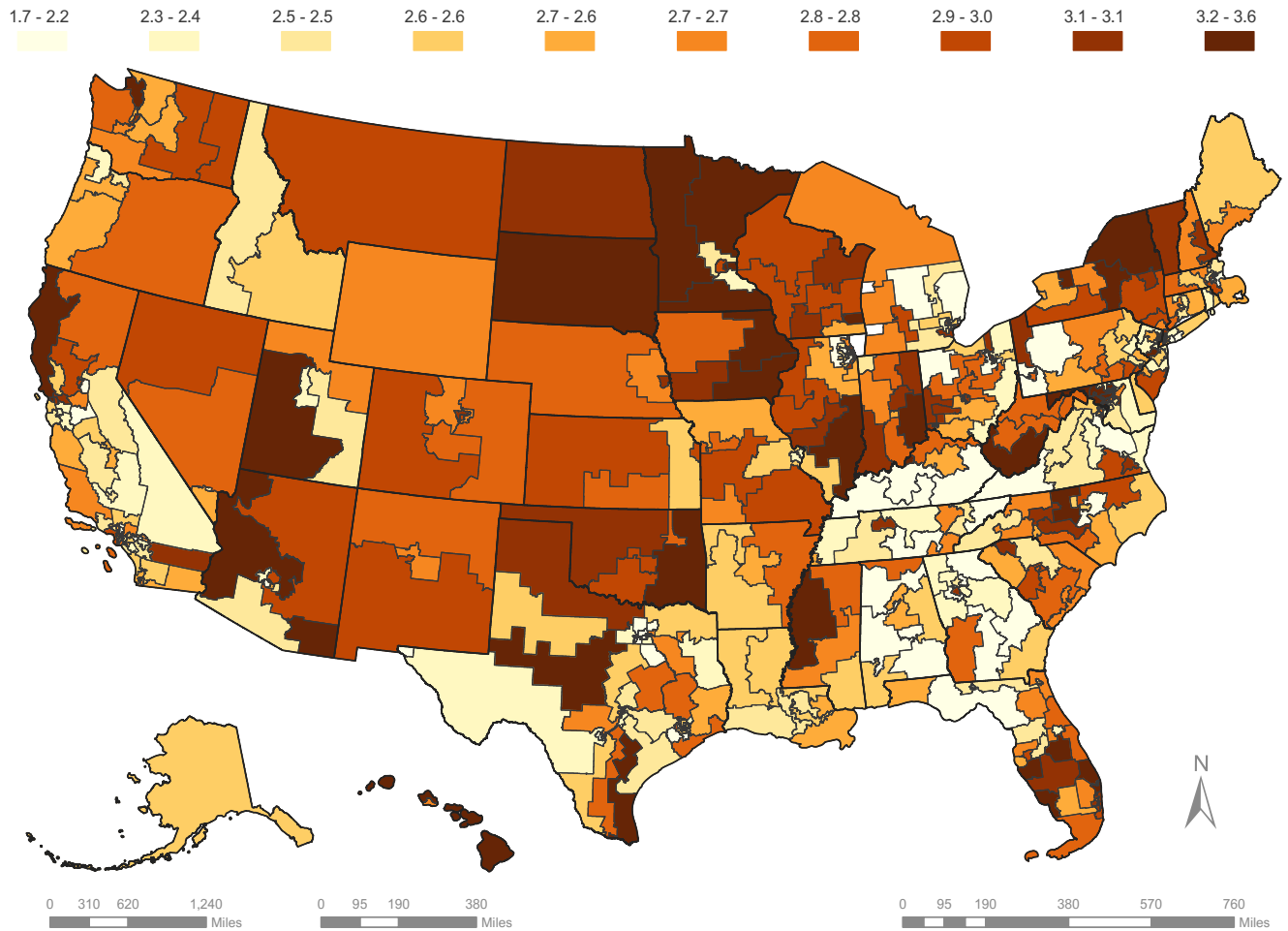
SD in LE (45-54) among Census Tracts within Congressional Districts



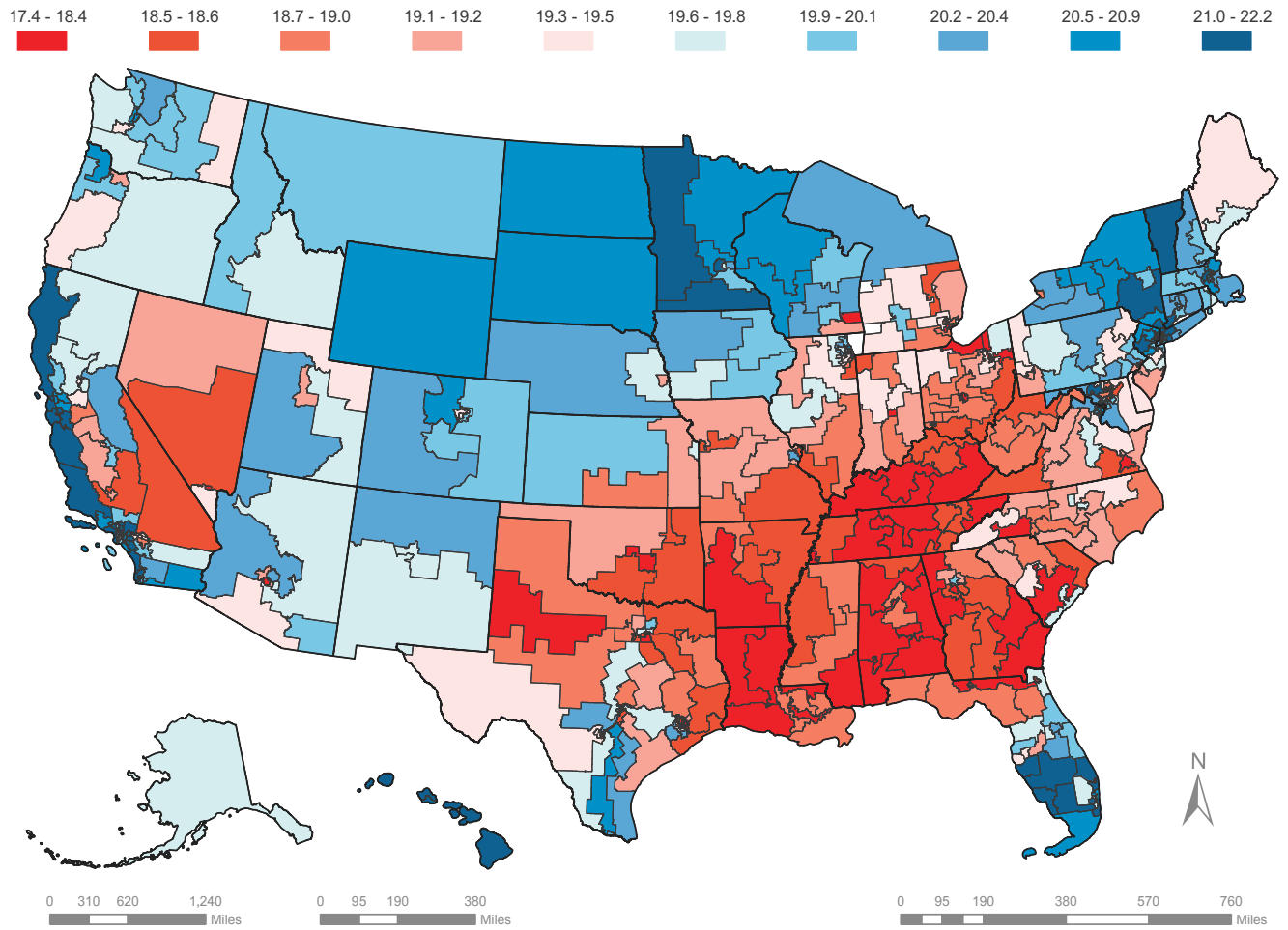
Life Expectancy (55-64) in Years



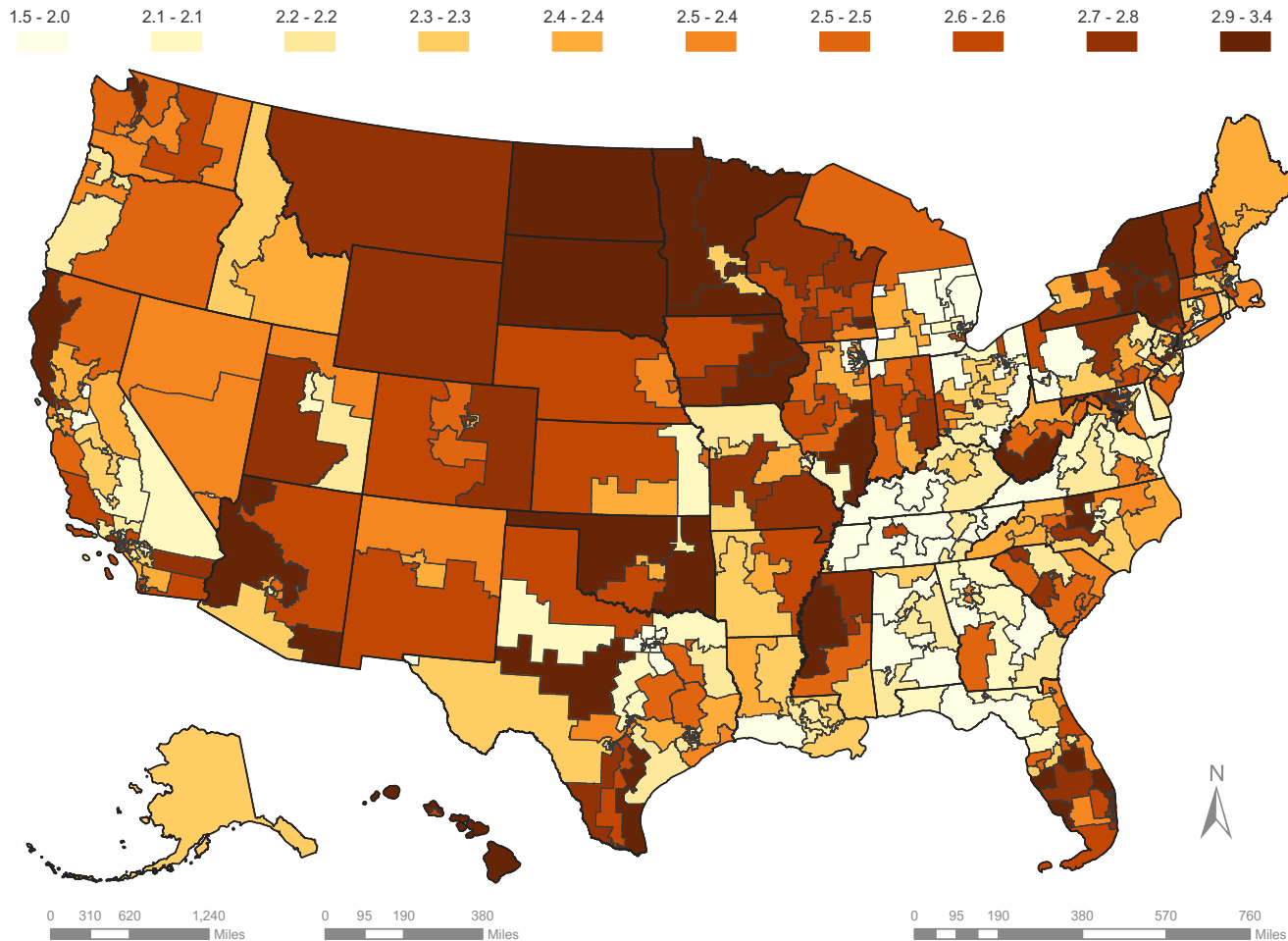
SD in LE (55-64) among Census Tracts within Congressional Districts



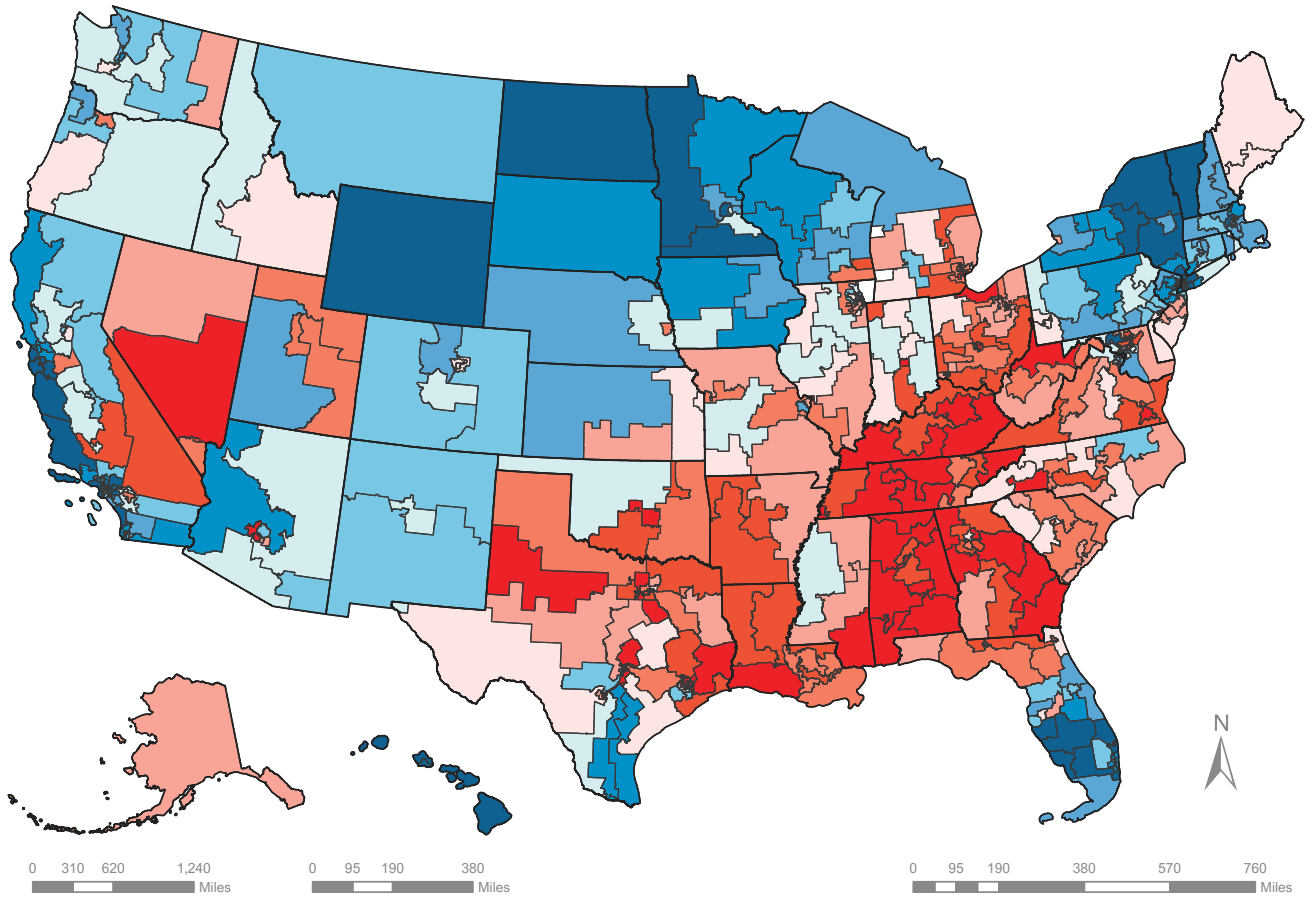
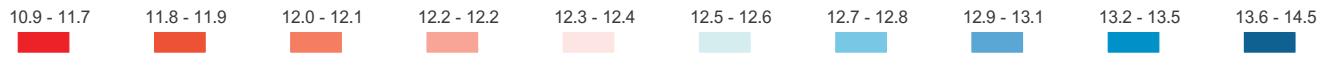
Life Expectancy (65-74) in Years



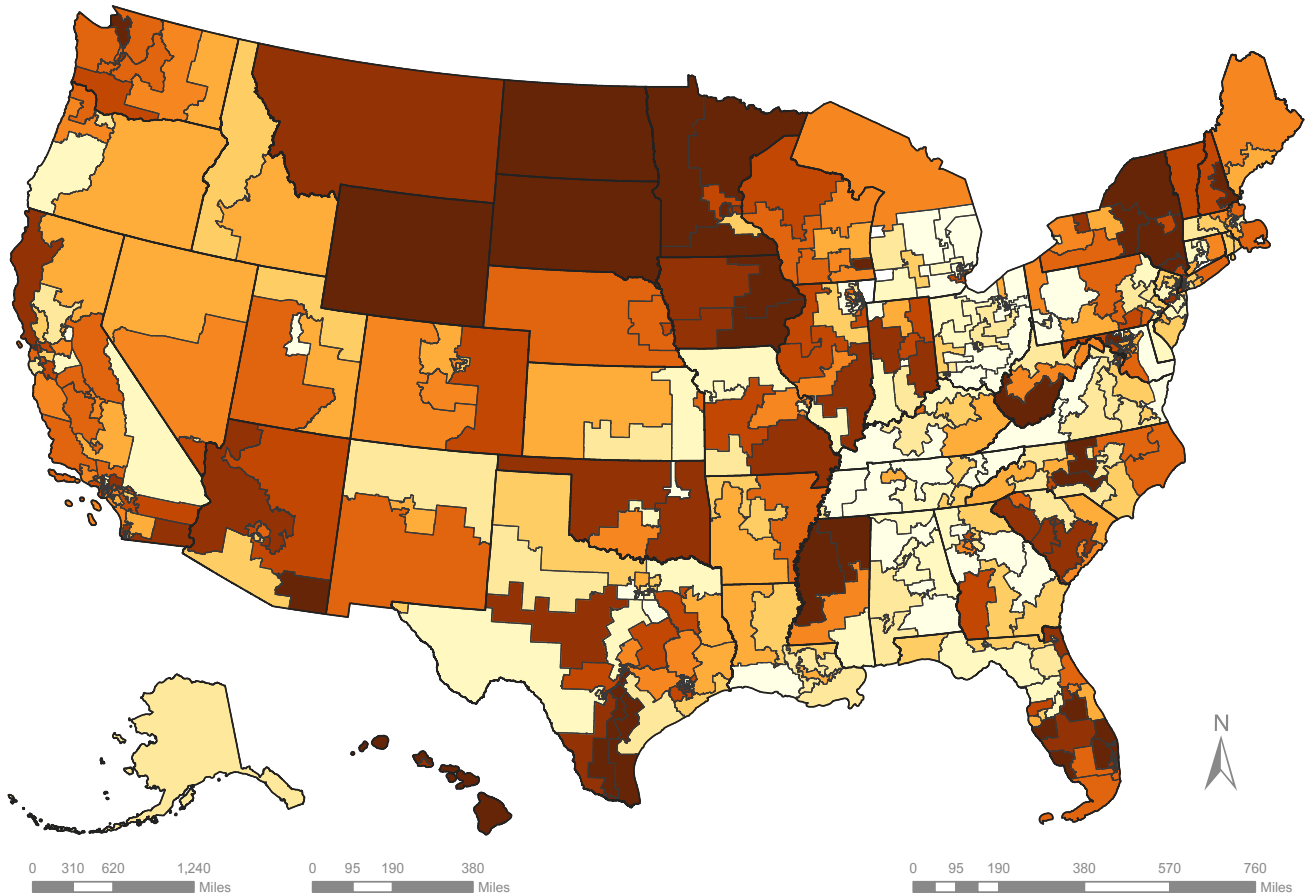
SD in LE (65-74) among Census Tracts within Congressional Districts



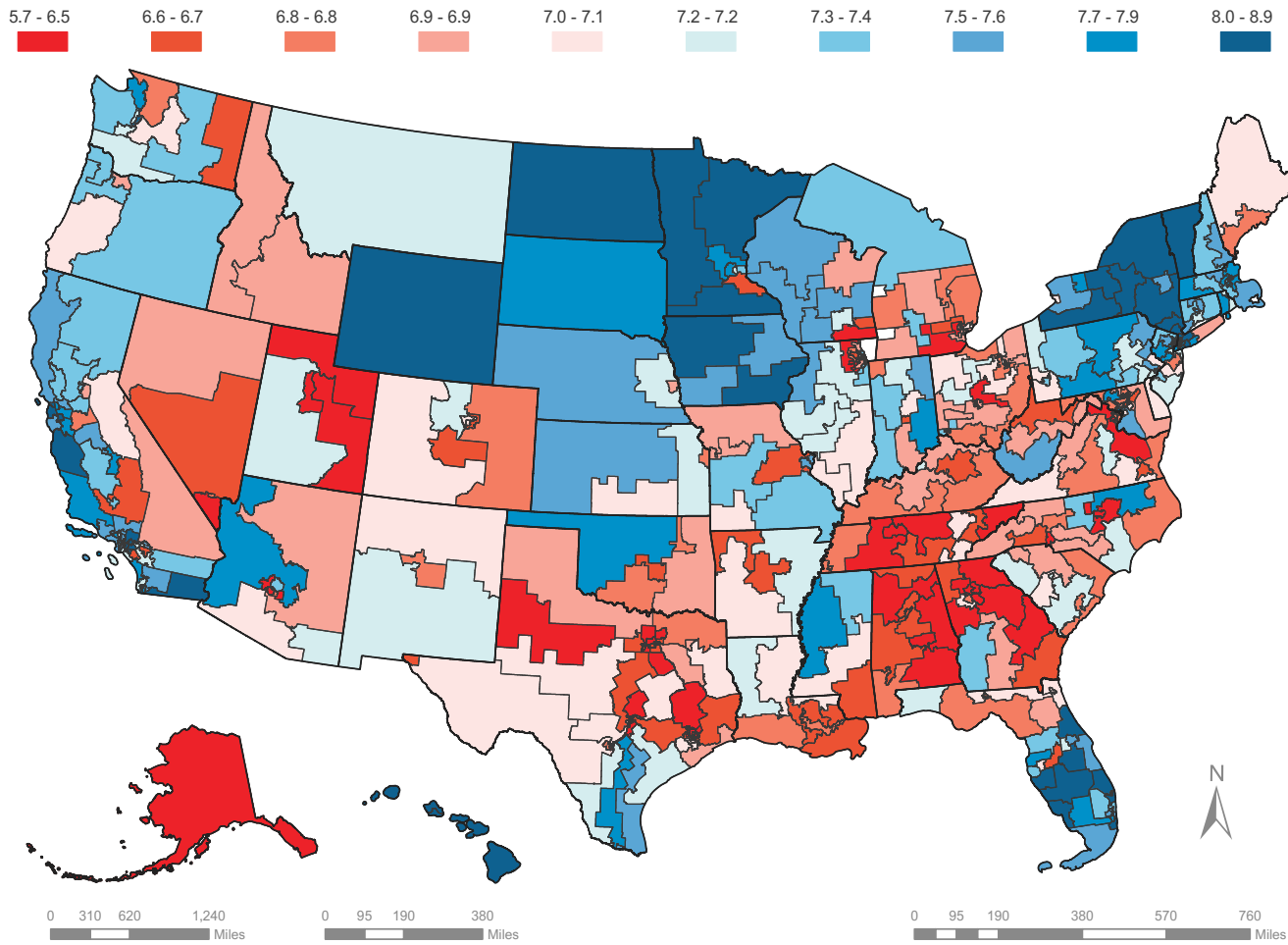
Life Expectancy (75-84) in Years



SD in LE (75-84) among Census Tracts within Congressional Districts



Life Expectancy (85 and Older) in Years



SD in LE (85 and Older) among Census Tracts within Congressional Districts

