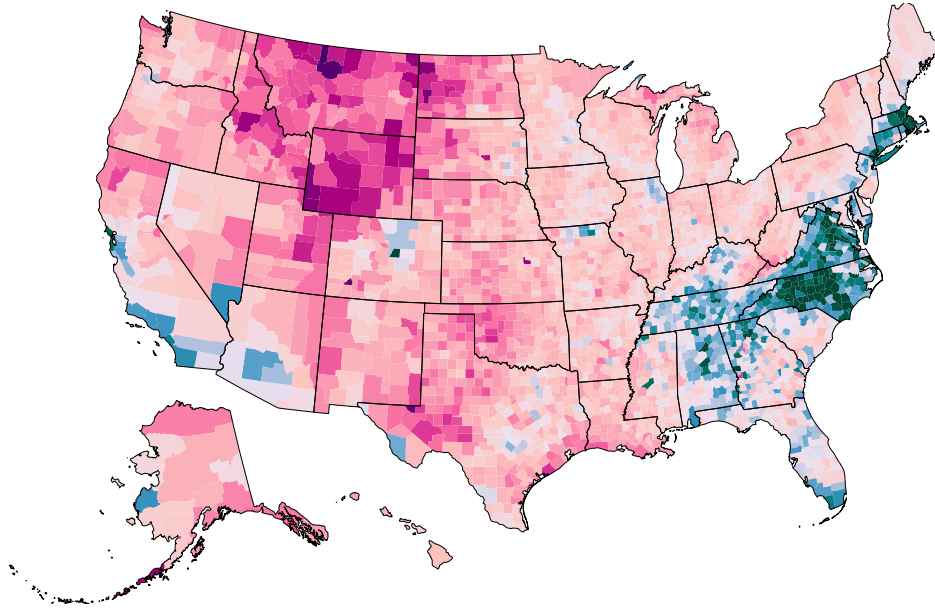


Figure 1: **Differences in the Mean Age at Childbearing between Rural and Urban Counties.** The mean age of mothers when giving birth if they experienced the age-specific fertility rates observed in a given year throughout their life. Mean age at childbearing in 1993, 2003 and 2013 in rural and urban counties. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate. Every 10 years the United States Department of Agriculture classifies counties into 9 rural-urban continuum codes based on population size for metro areas, and degree of urbanization and adjacency to a metro area for non-metro areas. In this figure metro areas are categorized as urban (codes 1-3) and nonmetro areas are classified as rural (codes 4-9).

Percent Change in MMR

1980–2000



2000–2014

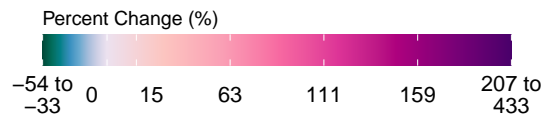
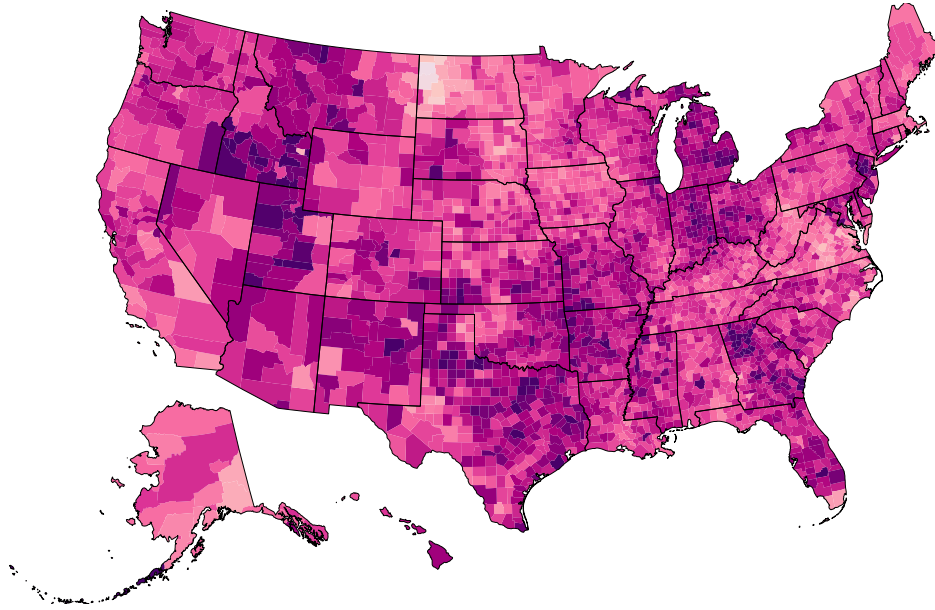
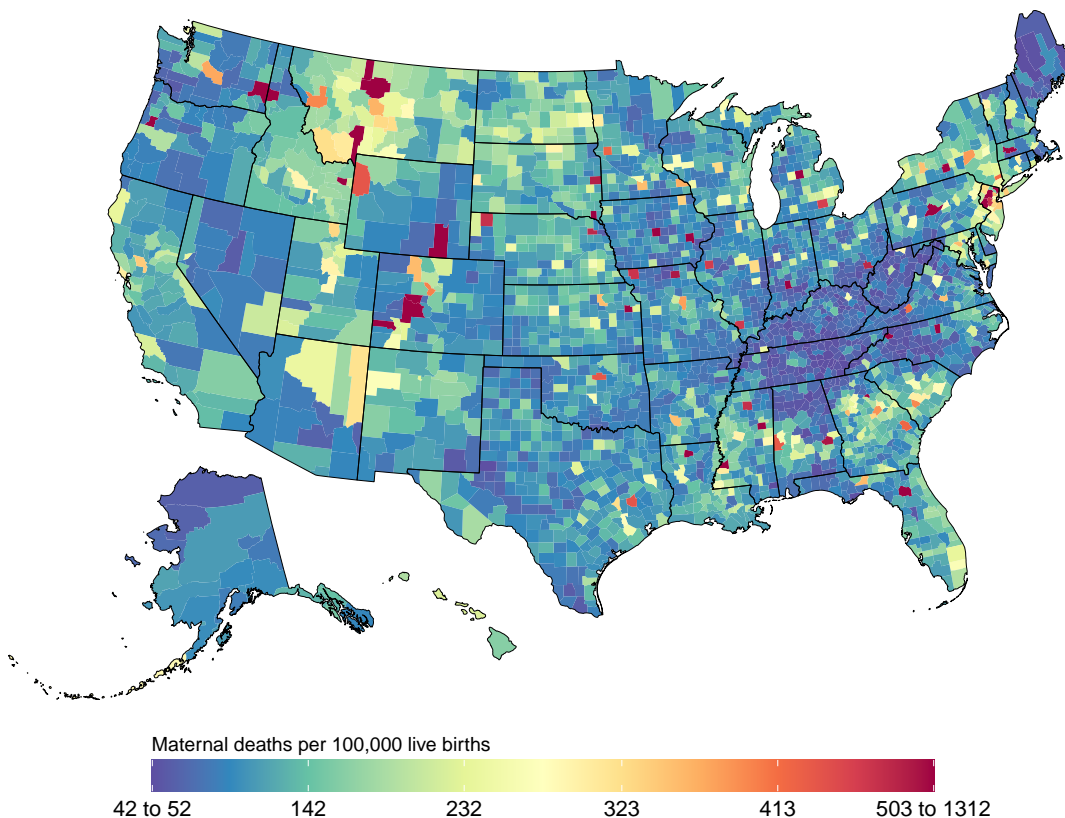


Figure 2: **Relative Percent Change in Maternal Mortality Ratio (MMR)** The annual number of maternal deaths per 100,000 live births to women between age 10 and 54. Relative percent change in MMR between 1980 and 2000, and between 2000 and 2014.

MMR (Age: 10–14)

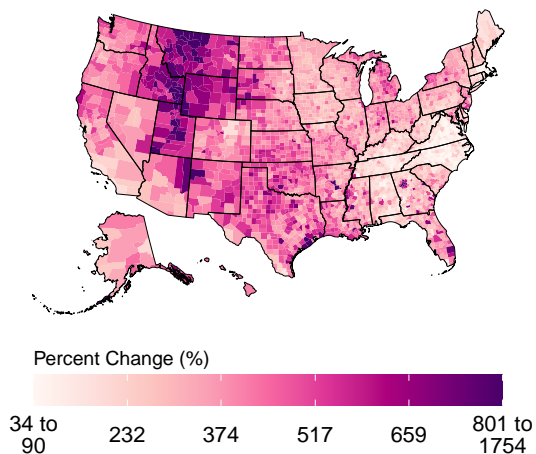
[A]

MMR (Age: 10–14) by County, 2014



[B]

Percent Change in MMR (Age: 10–14) by County, 1980–2014



[C]

MMR (Age: 10–14) Over Time Across All Counties

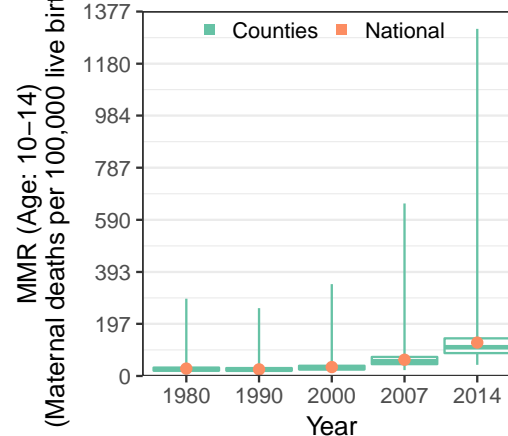
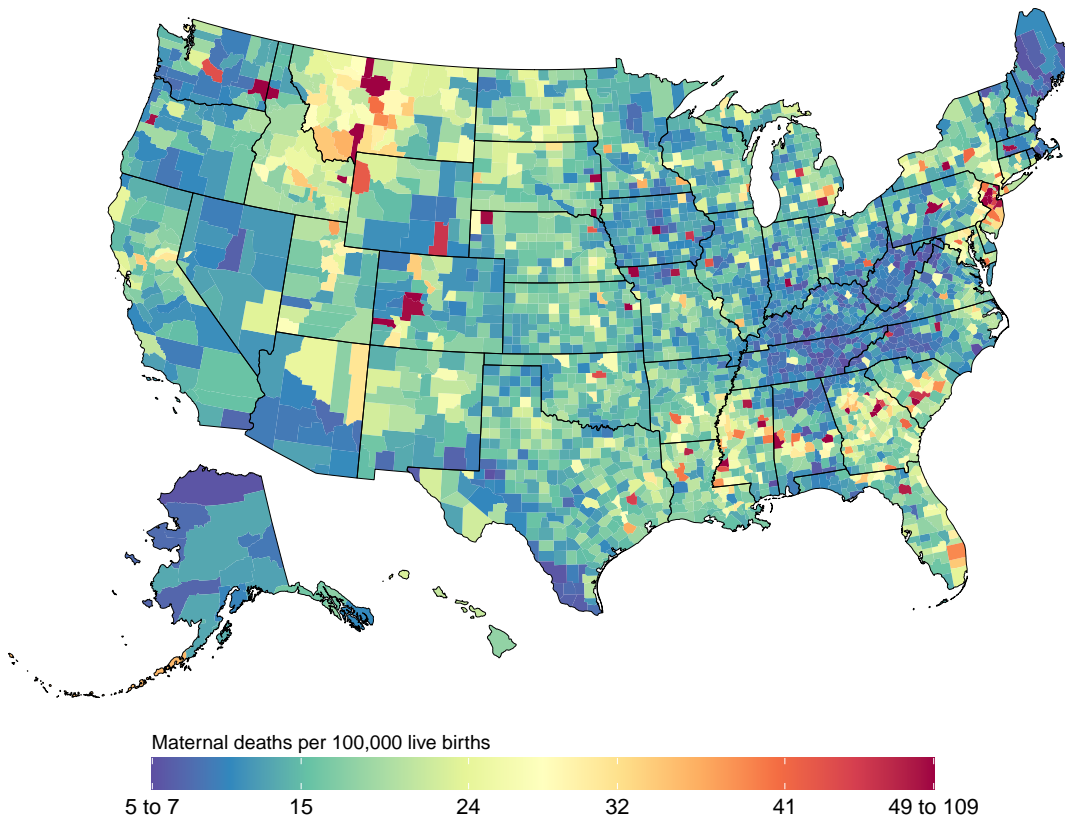


Figure 3: **Maternal Mortality Ratio in age group 10 to 14** The annual number of maternal deaths per 100,000 live births to women between age 10 and 14. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 15–19)

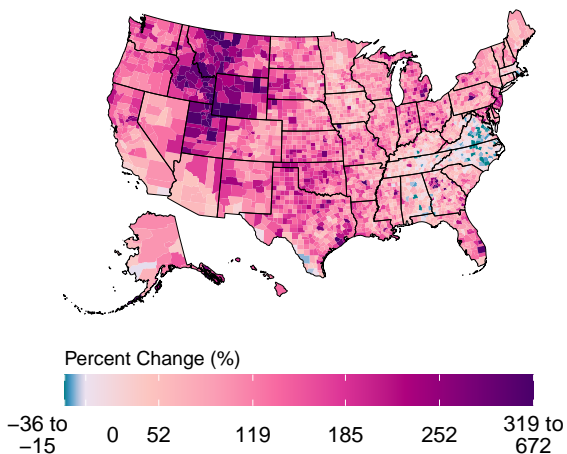
[A]

MMR (Age: 15–19) by County, 2014



[B]

Percent Change in MMR (Age: 15–19) by County, 1980–2014



[C]

MMR (Age: 15–19) Over Time Across All Counties

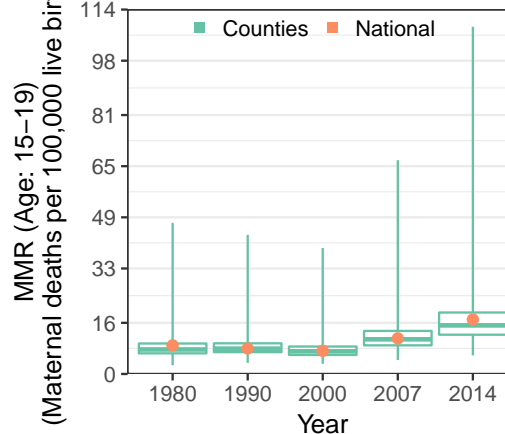
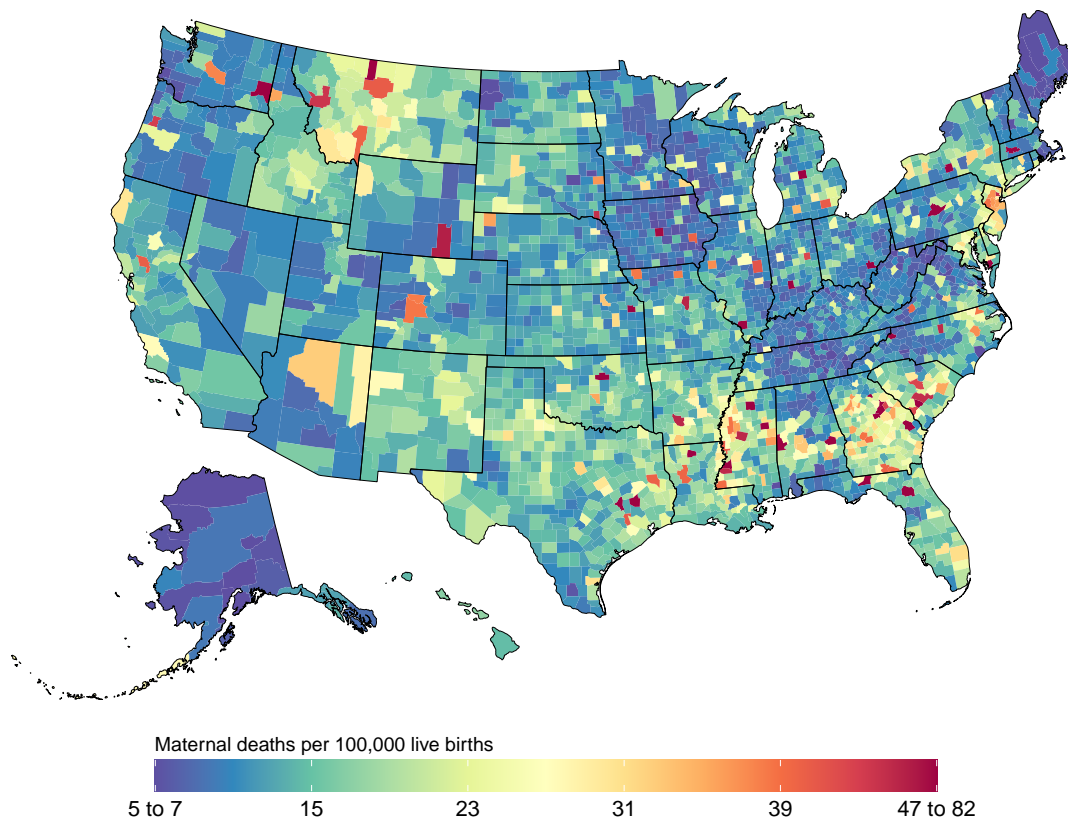


Figure 4: **Maternal Mortality Ratio in age group 15 to 19** The annual number of maternal deaths per 100,000 live births to women between age 15 and 19. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 20–24)

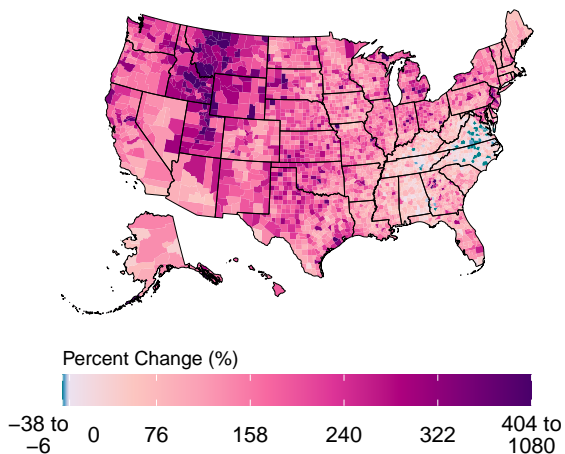
[A]

MMR (Age: 20–24) by County, 2014



[B]

Percent Change in MMR (Age: 20–24) by County, 1980–2014



[C]

MMR (Age: 20–24) Over Time Across All Counties

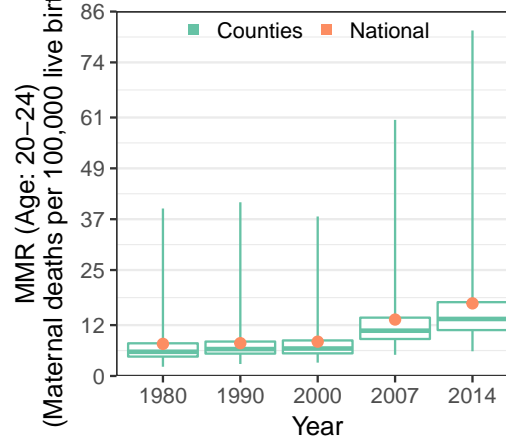
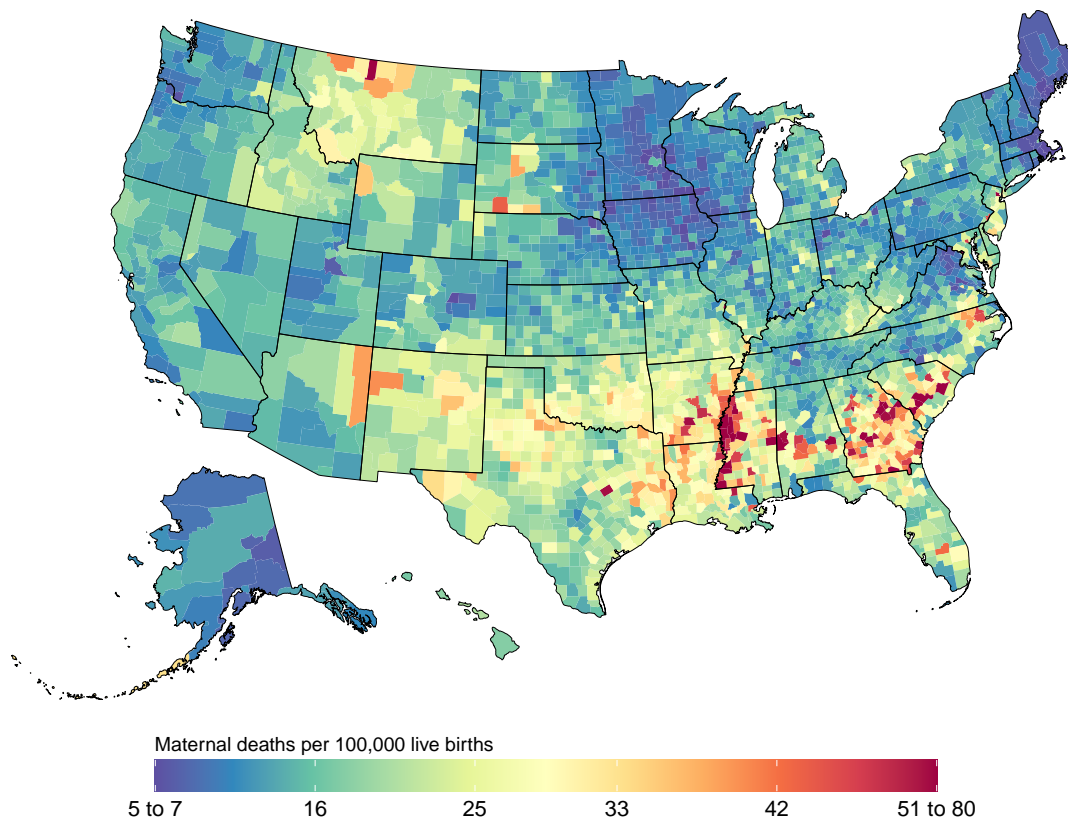


Figure 5: **Maternal Mortality Ratio in age group 20 to 24** The annual number of maternal deaths per 100,000 live births to women between age 20 and 24. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 25–29)

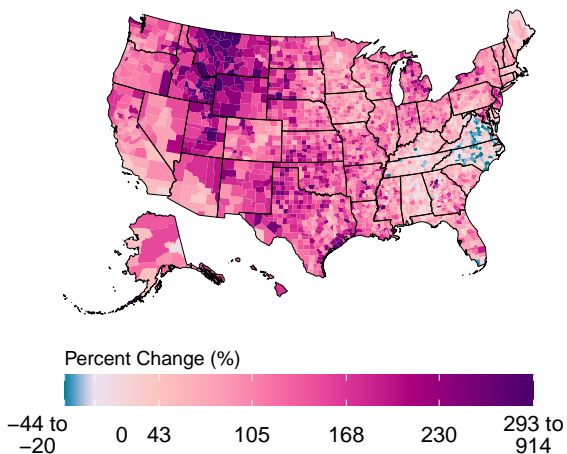
[A]

MMR (Age: 25–29) by County, 2014



[B]

Percent Change in MMR (Age: 25–29) by County, 1980–2014



[C]

MMR (Age: 25–29) Over Time Across All Counties

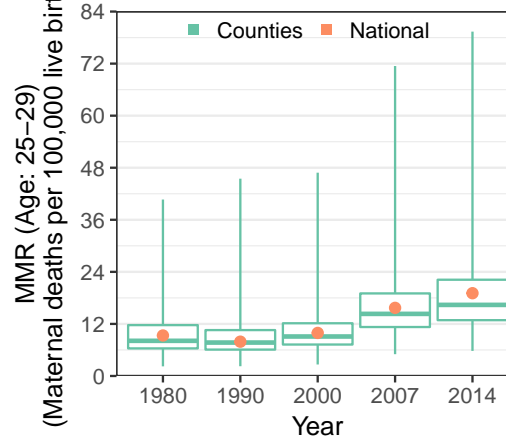
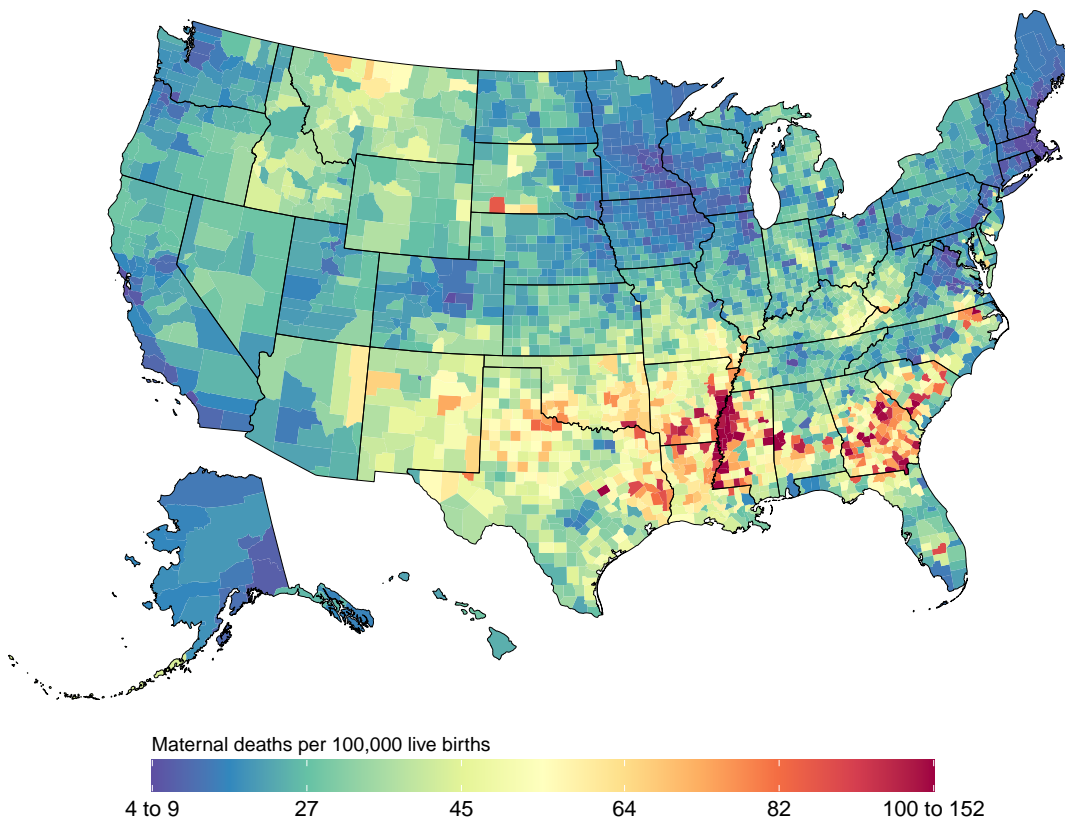


Figure 6: **Maternal Mortality Ratio in age group 25 to 29** The annual number of maternal deaths per 100,000 live births to women between age 25 and 29 A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 30–34)

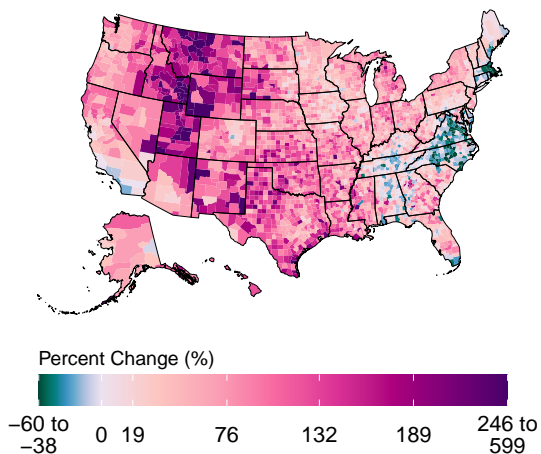
[A]

MMR (Age: 30–34) by County, 2014



[B]

Percent Change in MMR (Age: 30–34) by County, 1980–2014



[C]

MMR (Age: 30–34) Over Time Across All Counties

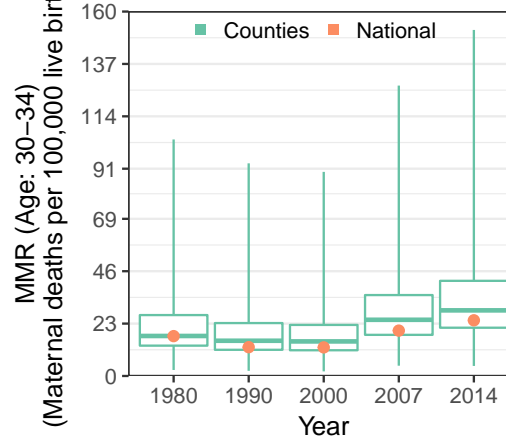
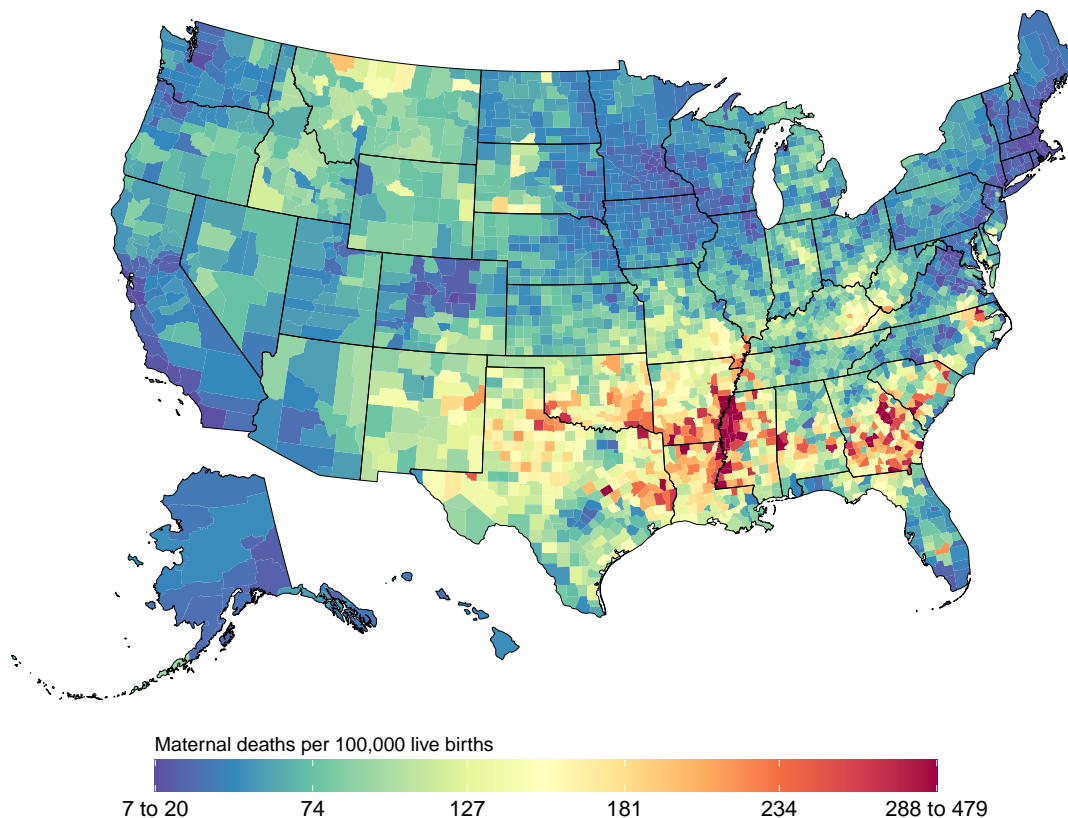


Figure 7: **Maternal Mortality Ratio in age group 30 to 34** The annual number of maternal deaths per 100,000 live births to women between age 30 and 34. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 35–39)

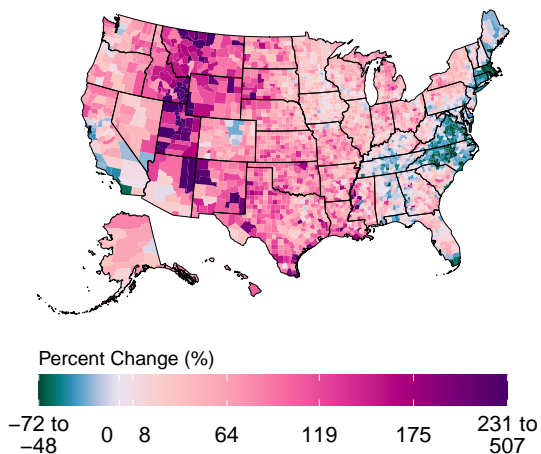
[A]

MMR (Age: 35–39) by County, 2014



[B]

Percent Change in MMR (Age: 35–39) by County, 1980–2014



[C]

MMR (Age: 35–39) Over Time Across All Counties

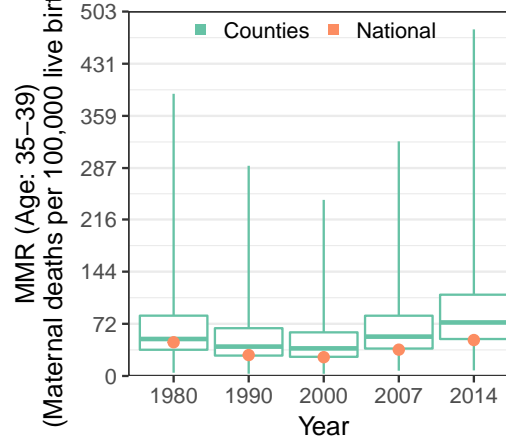
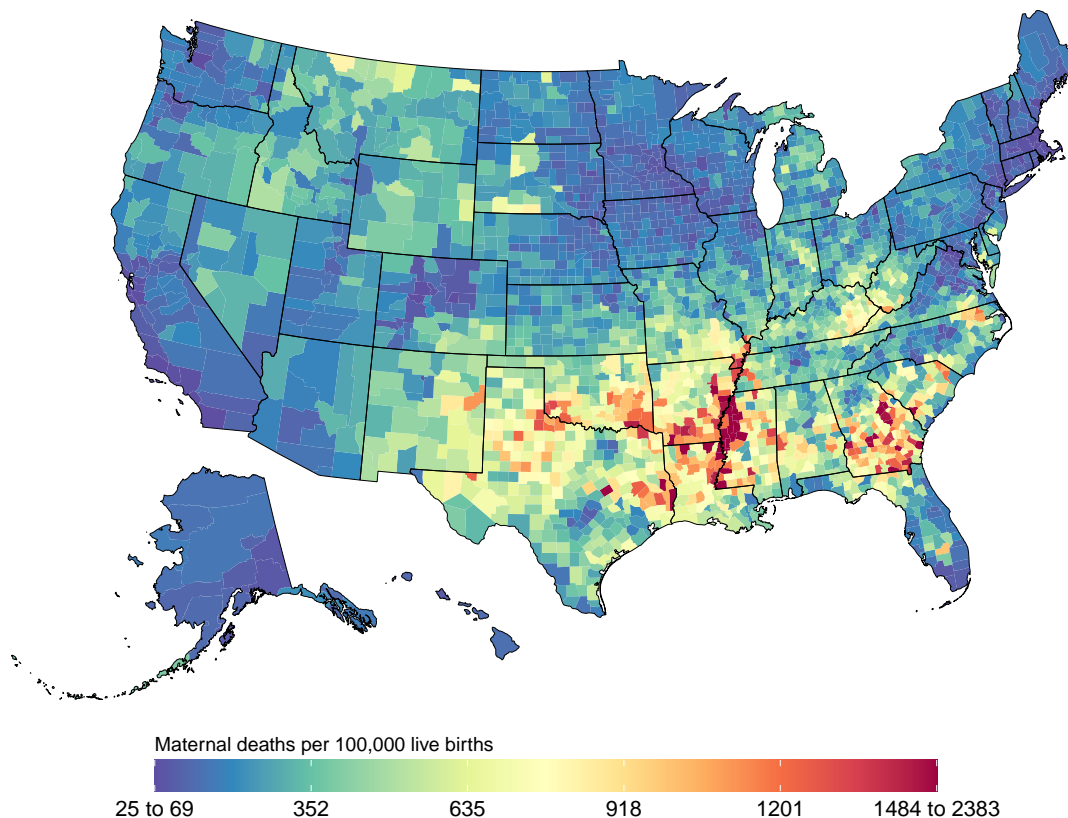


Figure 8: **Maternal Mortality Ratio in age group 35 to 39** The annual number of maternal deaths per 100,000 live births to women between age 35 and 39. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 40–44)

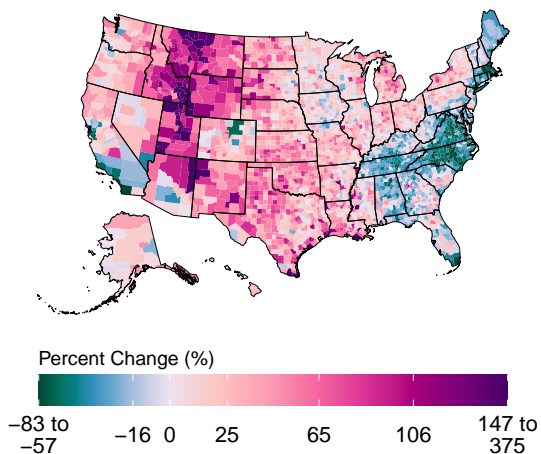
[A]

MMR (Age: 40–44) by County, 2014



[B]

Percent Change in MMR (Age: 40–44) by County, 1980–2014



[C]

MMR (Age: 40–44) Over Time Across All Counties

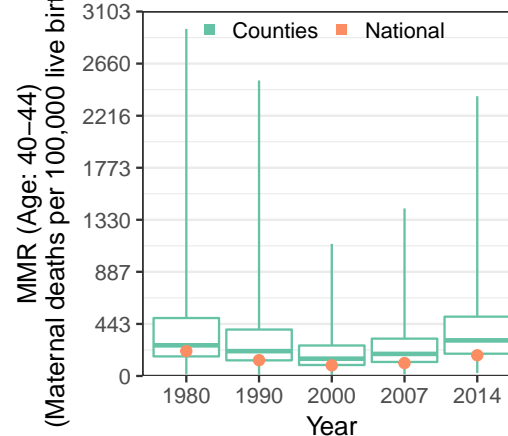
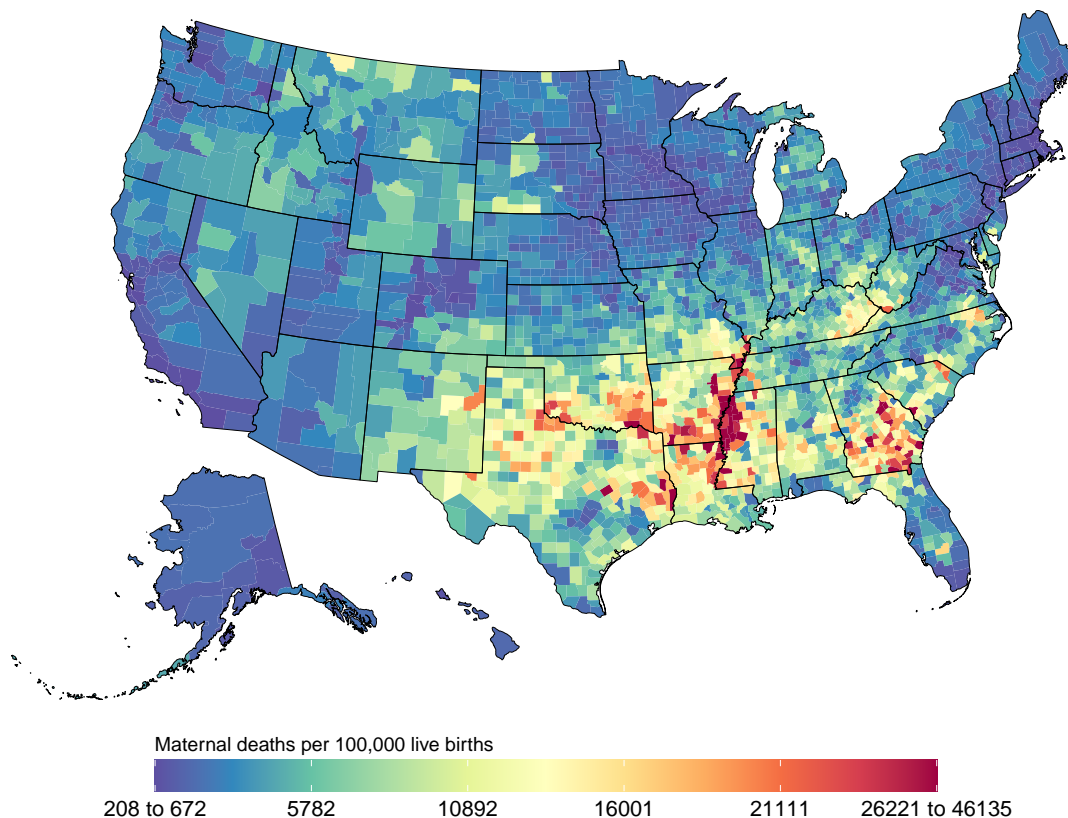


Figure 9: **Maternal Mortality Ratio in age group 40 to 44** The annual number of maternal deaths per 100,000 live births to women between age 40 and 44 A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 45–49)

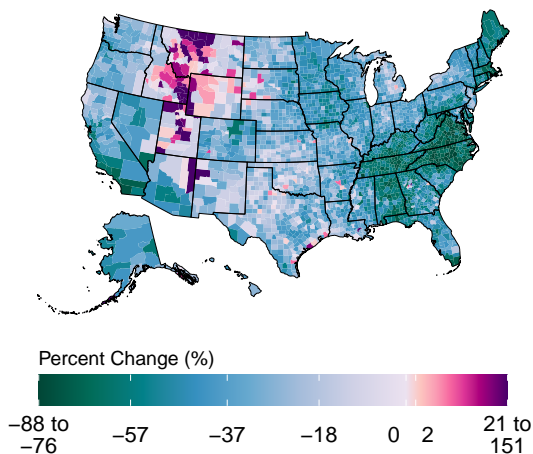
[A]

MMR (Age: 45–49) by County, 2014



[B]

Percent Change in MMR (Age: 45–49) by County, 1980–2014



[C]

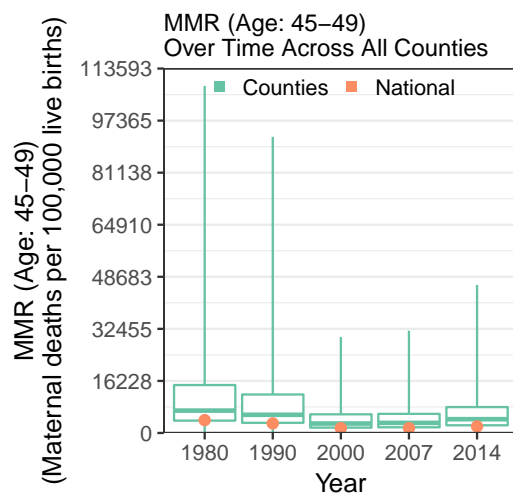
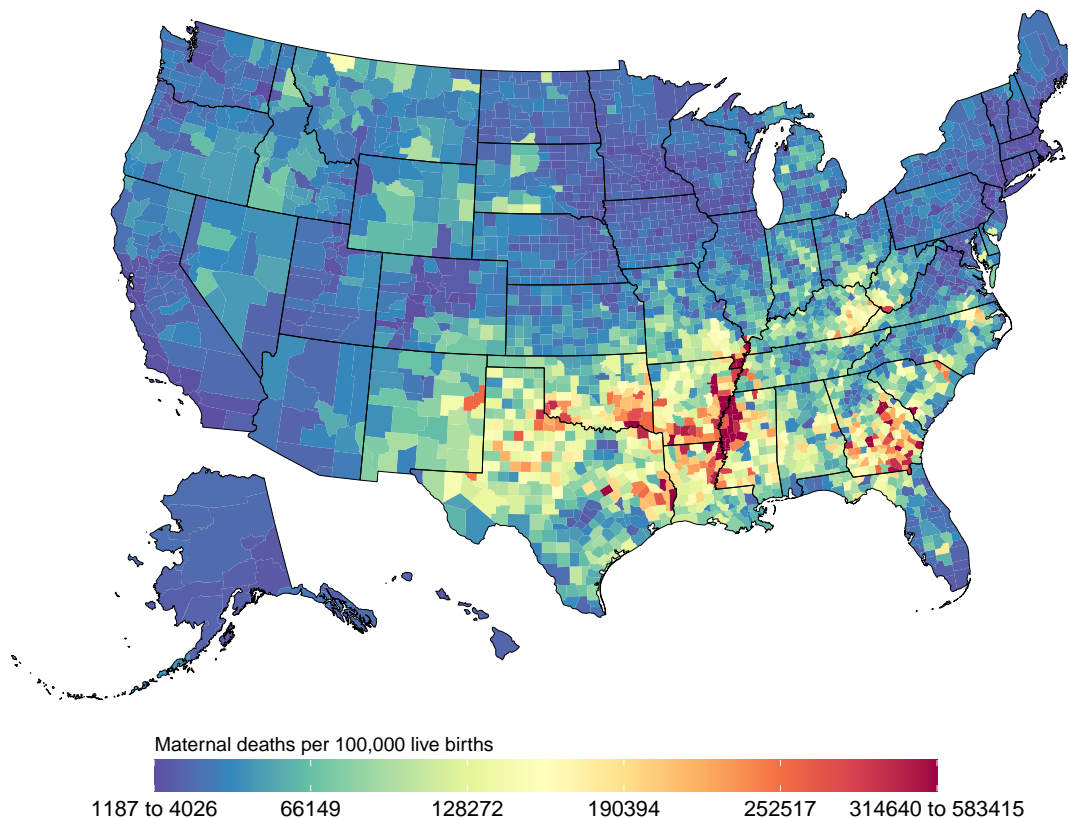


Figure 10: **Maternal Mortality Ratio in age group 45 to 49** The annual number of maternal deaths per 100,000 live births to women between age 45 and 49 A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

MMR (Age: 50–54)

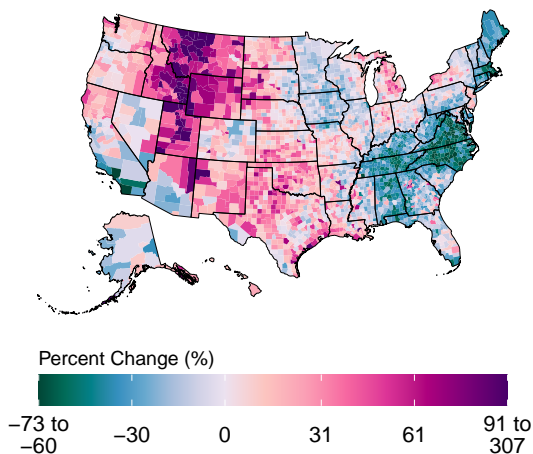
[A]

MMR (Age: 50–54) by County, 2014



[B]

Percent Change in MMR (Age: 50–54) by County, 1980–2014



[C]

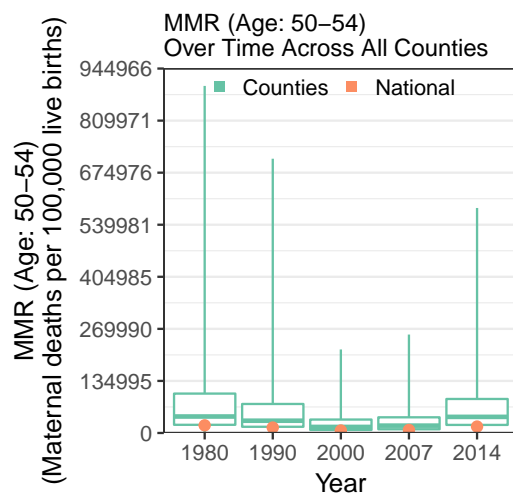


Figure 11: **Maternal Mortality Ratio in age group 50 to 54** The annual number of maternal deaths per 100,000 live births to women between age 50 and 54. A, MMR in 2014. B, Relative percent change in MMR between 1980 and 2014. In panels A, and B, the color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale. C, MMR in 1980, 1990, 2000, 2007, and 2014. The bottom border, middle line, and top border of the boxes indicate the 25th, 50th, and 75th percentiles, respectively, across all counties; whiskers, the full range across counties; and circles, the national-level rate.

Percent Change in Maternal–Age–Standardized MMR

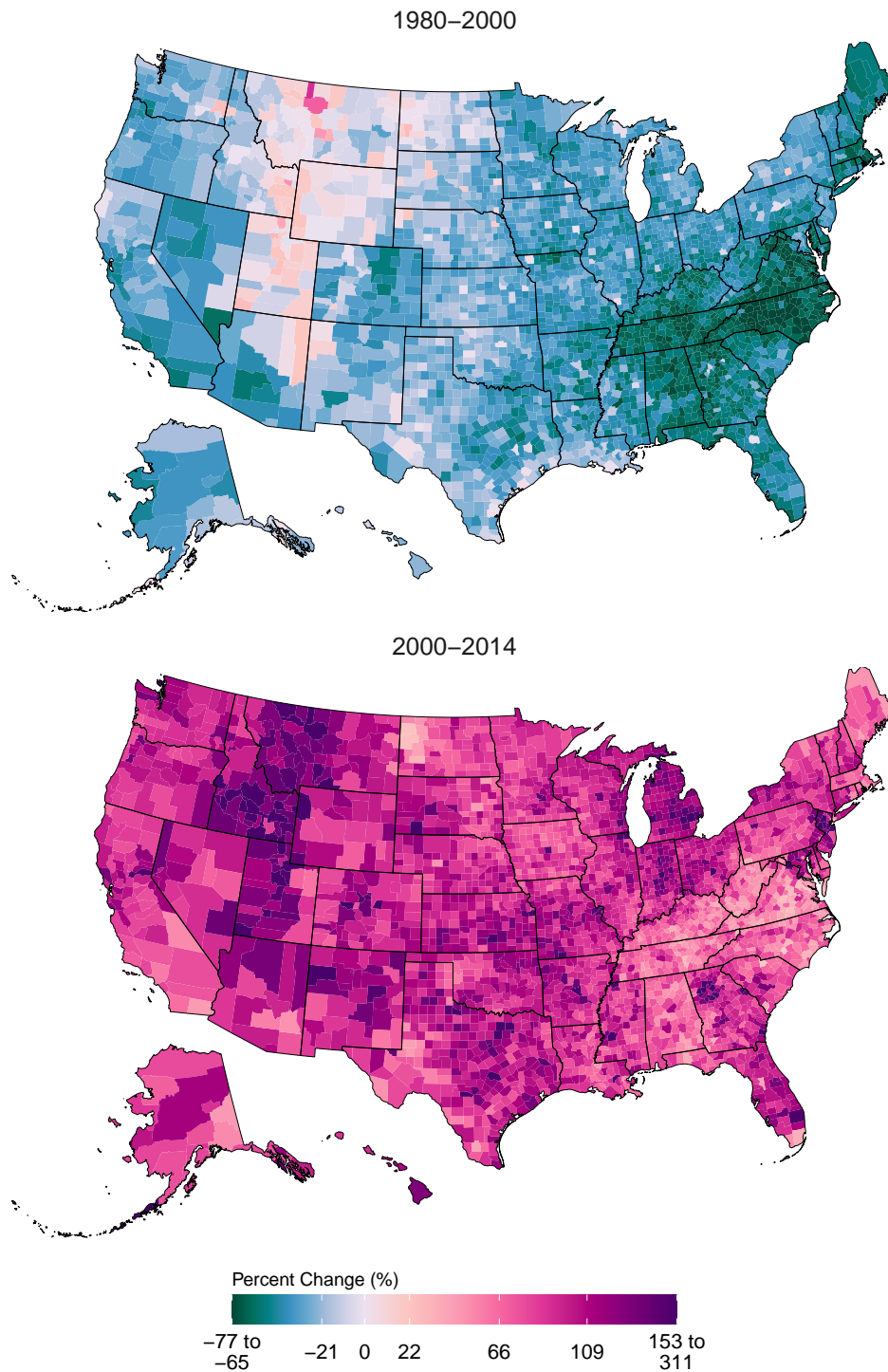


Figure 12: **Relative Percent Change in Maternal–Age–Standardized Maternal Mortality Ratio (MMR)**
The annual number of maternal deaths per 100,000 live births to women between age 10 and 54 standardized using a standard distribution of maternal-age-specific live births as weights. Relative percent change in Maternal–Age–Standardized MMR between 1980 and 2000, and between 2000 and 2014.

Highest and Lowest Maternal–Age–Standardized MMR in 2014 in each S

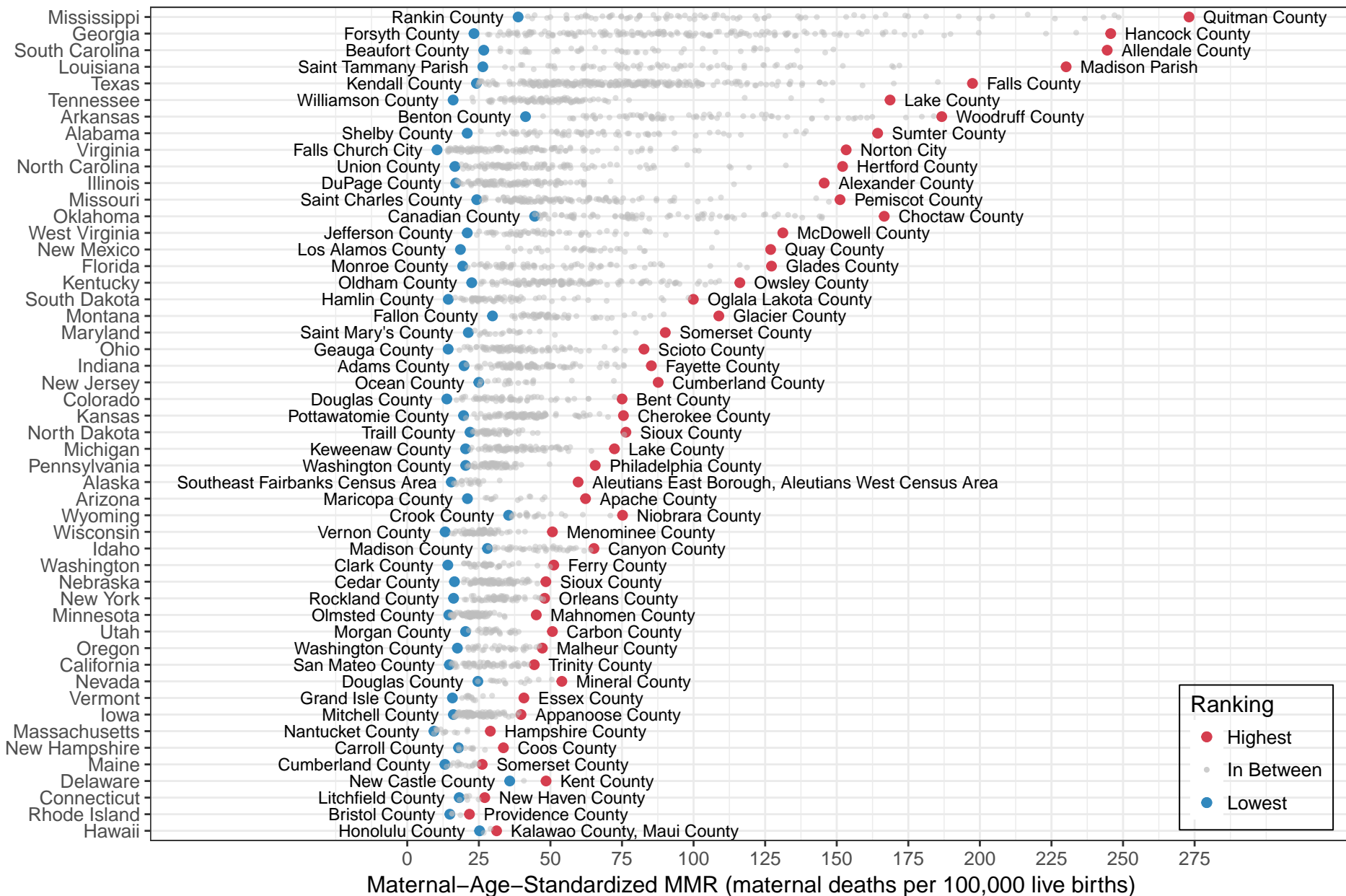


Figure 13: **Inequality in Maternal–Age–Standardized MMR levels within each State** Counties with the lowest Maternal–Age–Standardized MMR within each state are plotted in blue and labeled while counties with the highest Maternal–Age–Standardized MMR within each state are plotted in red and labeled. All other counties within each state are plotted in gray. States are ordered by the magnitude of difference between the county with the lowest and highest Maternal–Age–Standardized MMR.

Change in Maternal Deaths Attributed to Changes in Population, Fertility and MMR 1980–2002

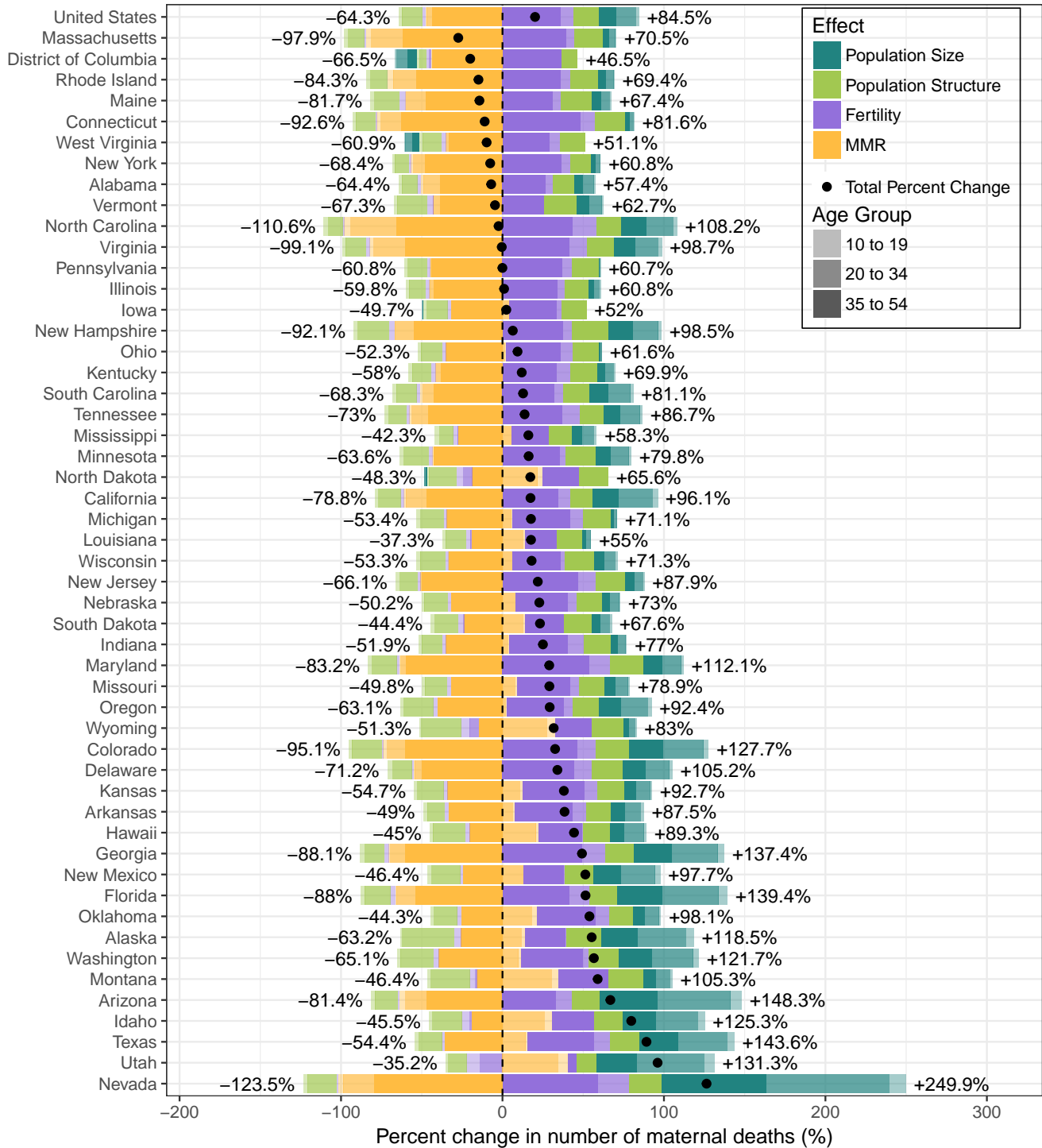


Figure 14: National and State Level Decomposition of the Change in Number of Maternal Deaths between 1980 and 2000. Percent change in number of maternal deaths due to changes in population size, population age-structure, fertility and MMR by age group. States are ordered by the total percent change in number of maternal deaths over the time period.

Total Percent Change in Maternal Deaths between 1980–2002

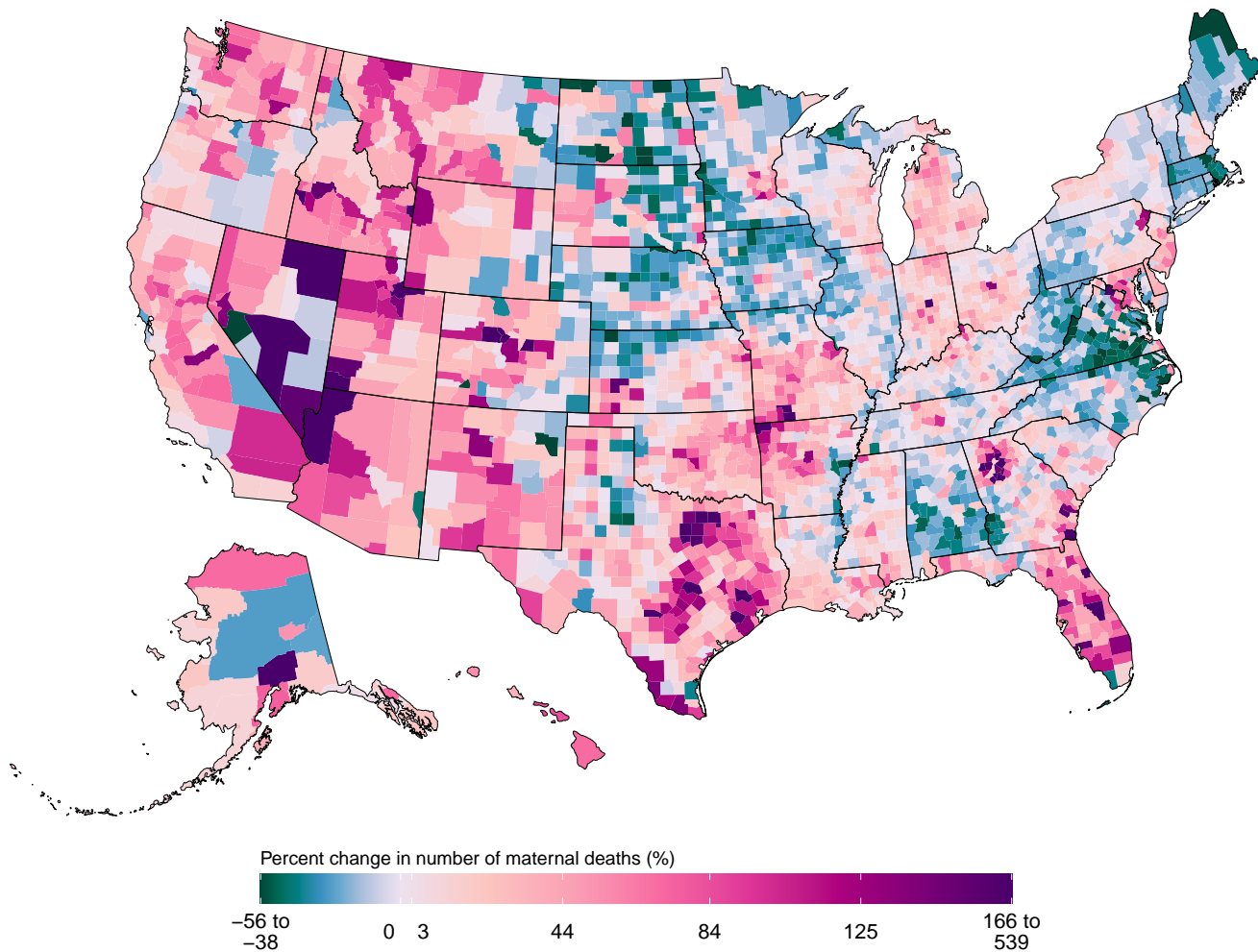


Figure 15: Total Percent Change in Number of Maternal Deaths between 1980 and 2000 The color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale.

Change in Maternal Deaths Attributed to Changes in Population, Fertility and MMR 1980–2002

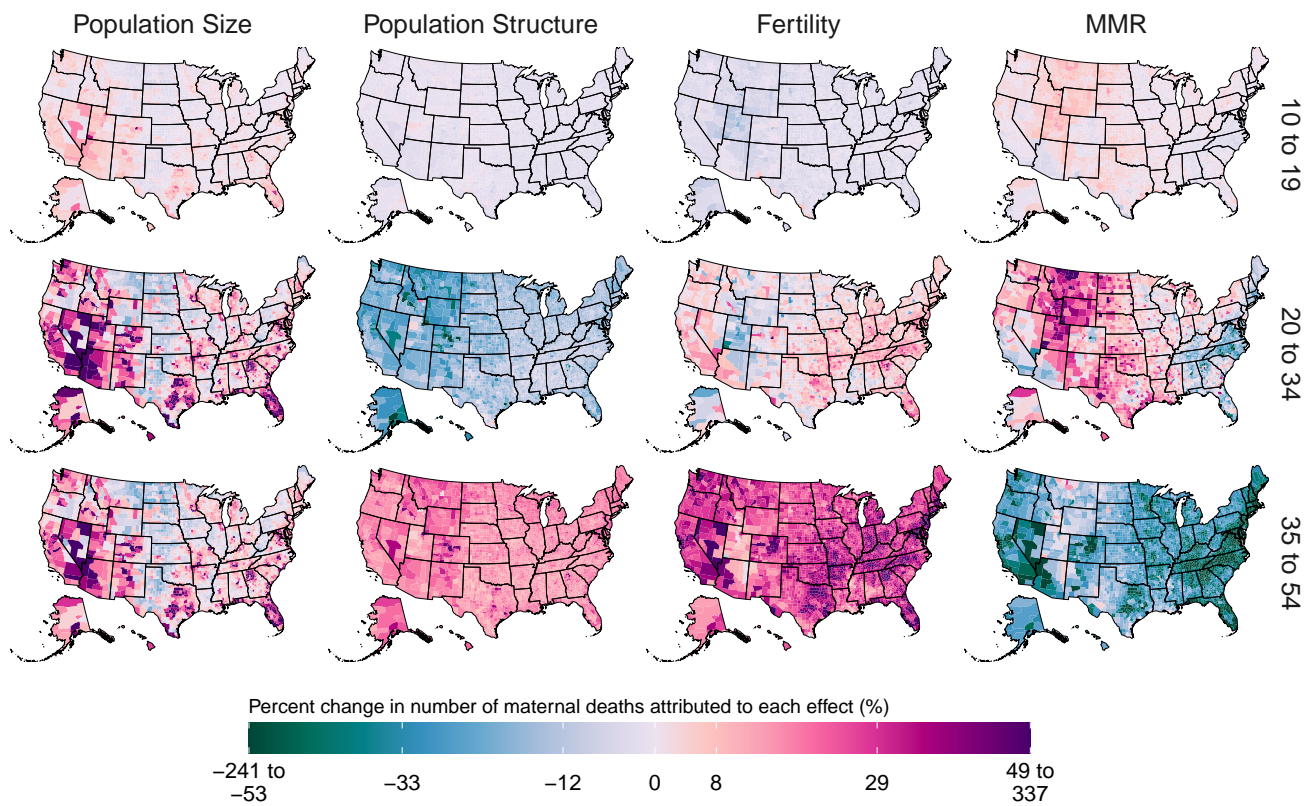


Figure 16: **County Level Decomposition of the Change in Number of Maternal Deaths between 1980 and 2000** Percent change in number of maternal deaths due to changes in population size, population age-structure, fertility and MMR by age group. The color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale.

Change in Maternal Deaths Attributed to Changes in Population, Fertility and MMR 2002–2014

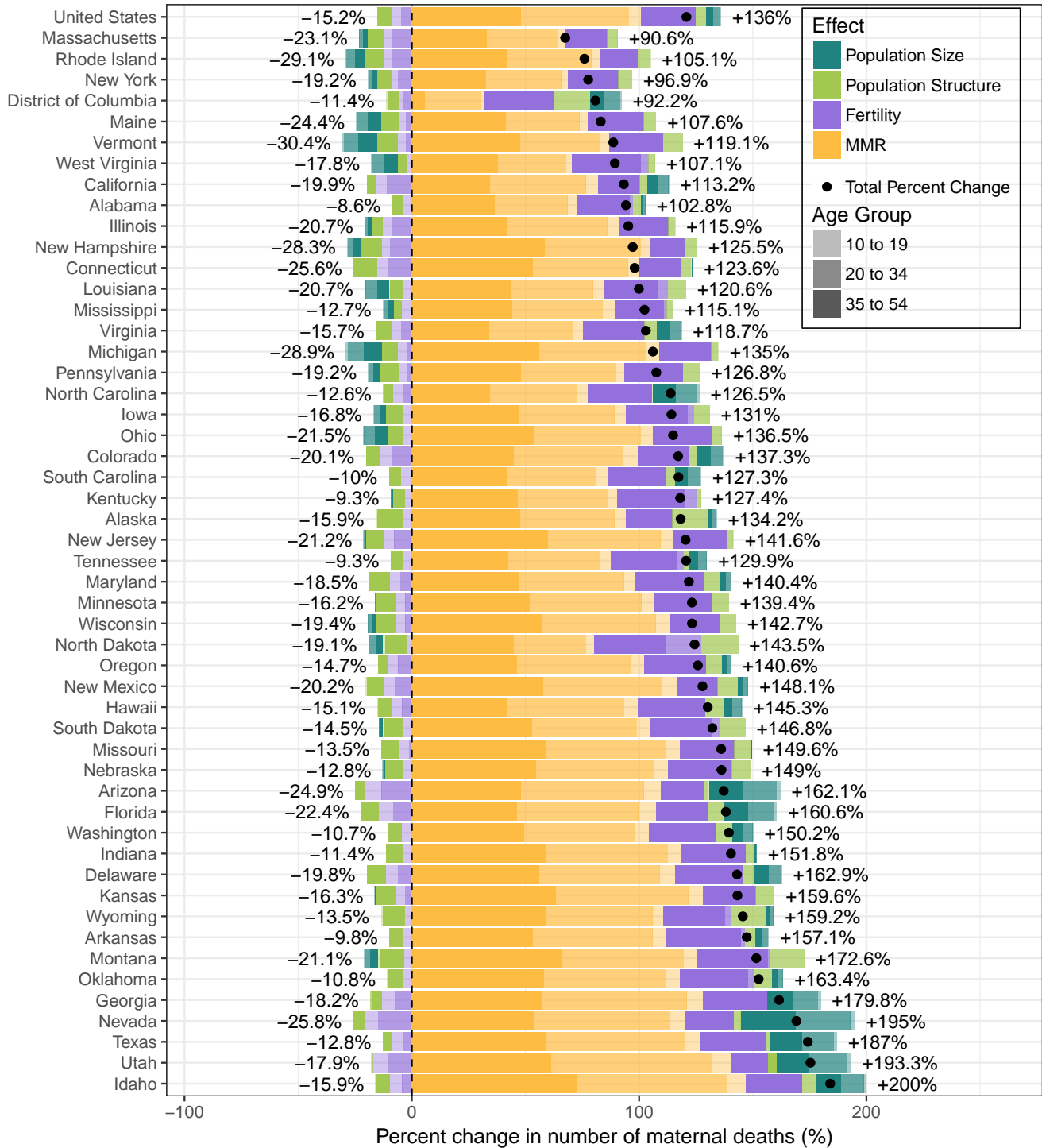


Figure 17: National and State Level Decomposition of the Change in Number of Maternal Deaths between 2000 and 2014 Percent change in number of maternal deaths due to changes in population size, population age-structure, fertility and MMR by age group. States are ordered by the total percent change in number of maternal deaths over the time period.

Total Percent Change in Maternal Deaths between 2002–2014

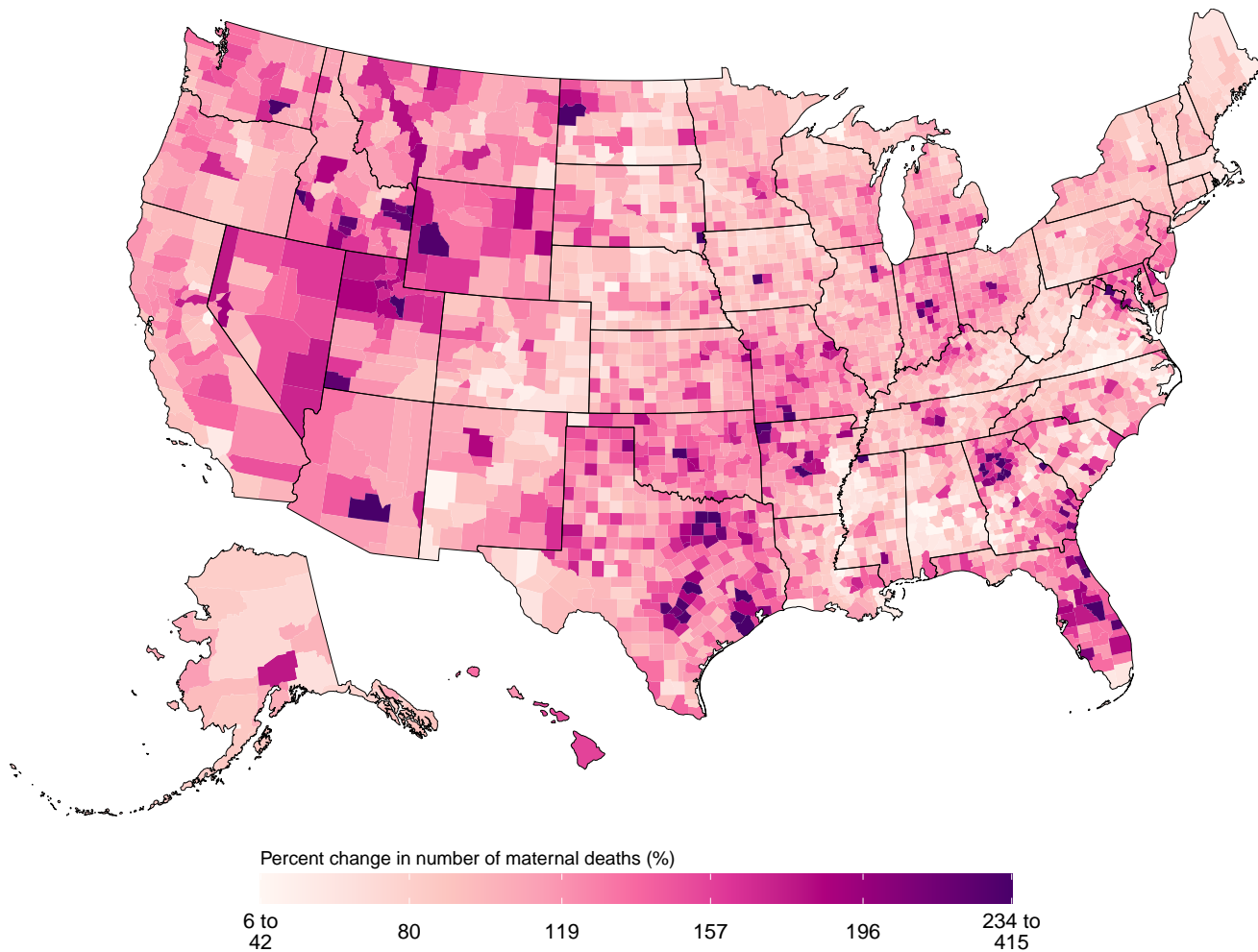


Figure 18: **Total Percent Change in Number of Maternal Deaths between 2000 and 2014** The color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale.

Change in Maternal Deaths Attributed to Changes in Population, Fertility and MMR 2002–2014

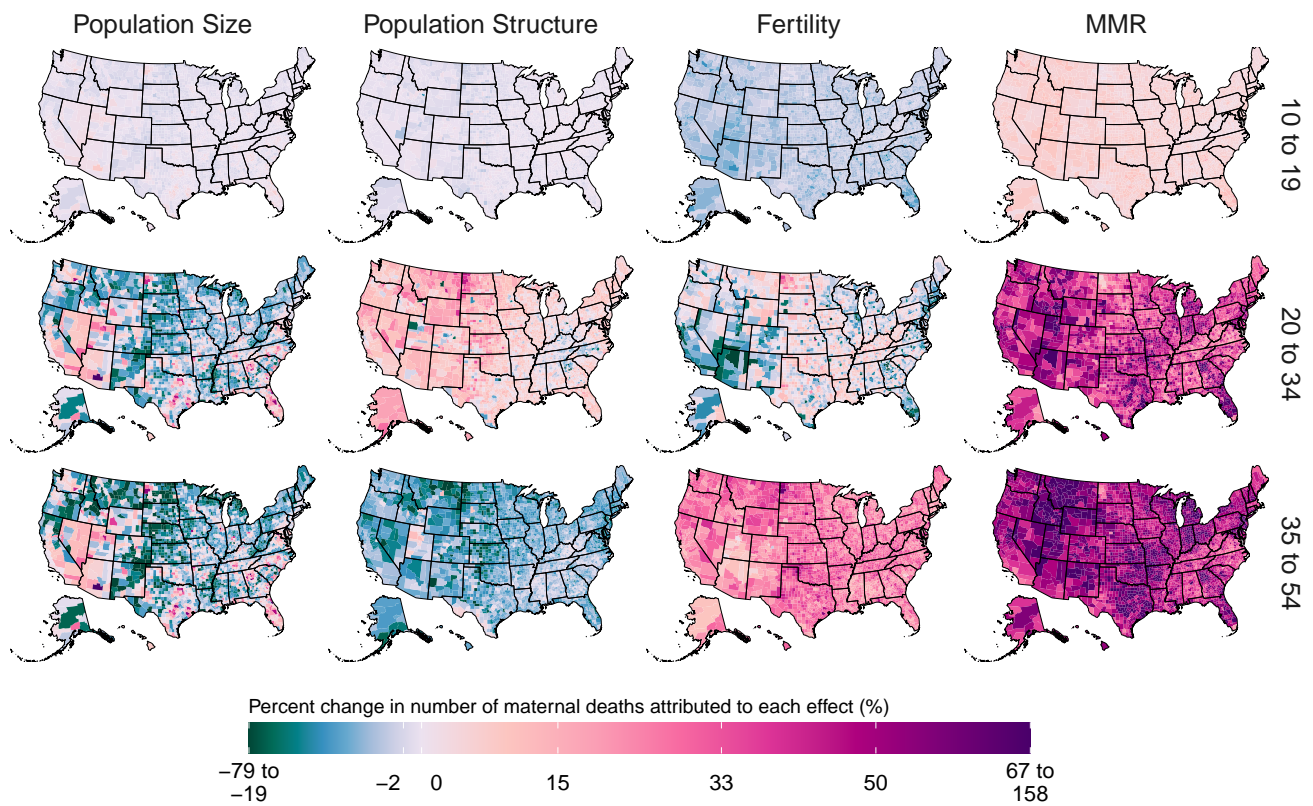


Figure 19: **County Level Decomposition of the Change in Number of Maternal Deaths between 2000 and 2014** Percent change in number of maternal deaths due to changes in population size, population age-structure, fertility and MMR by age group. The color scale is truncated at approximately the first and 99th percentiles as indicated by the range given in the color scale.