

Rural Health 101

A Chartbook on Health Disparities

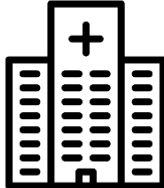
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Director: Afzal Bari

Rural Areas Face Significant Health Disparities and Provider Shortages

Rural Health Disparities

10% of Physicians Serve **25%** of The Population



There has been **1** Rural Hospital Closing per Month Since 2010

Rural Counties Face Significant Health Services Disparities

- 10% of physicians practice in rural areas, despite the fact that 25% of the population resides in those rural areas
- 14% of rural residents are below the poverty level, compared to 11% of the urban population
- 45% of the rural poor are covered by Medicaid, compared to 49% of the urban poor.

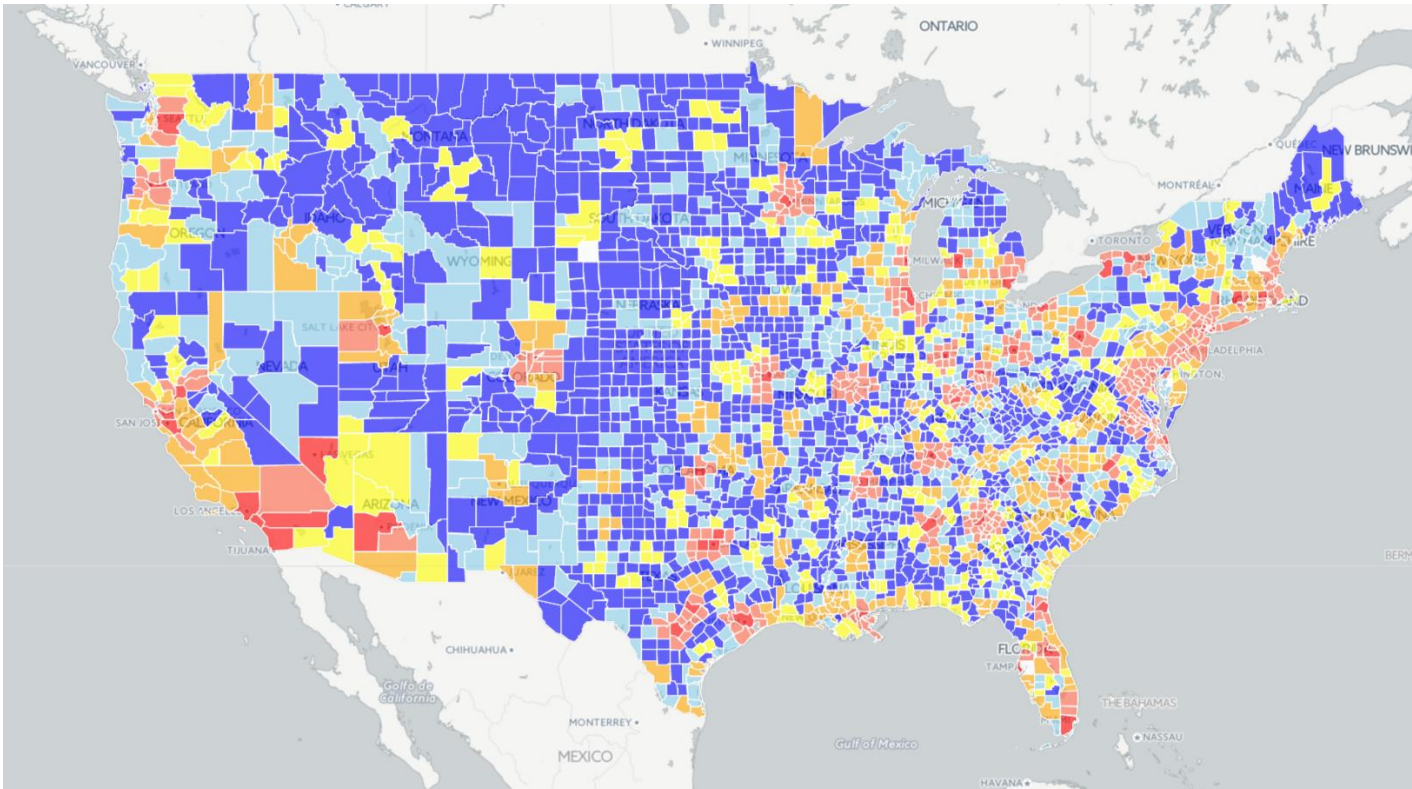


Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014; Bonnie Beach, Ben Pixels, Ralf Schmitzer, Noun Project; Rural Health Scholars, "Rural Health Data," Dartmouth Geisel School of Medicine, 2016; Brian Depew, "Rural Hospitals Closing at Rate of 1 Per Month," Center for Rural Affairs, March 1, 2016.

Noncore Counties Tend to Lie in the Great Plains

Map and Definitions of NCHS' Urbanization Levels

Large Central Metro Large Fringe Metro Small Metro Micropolitan Noncore



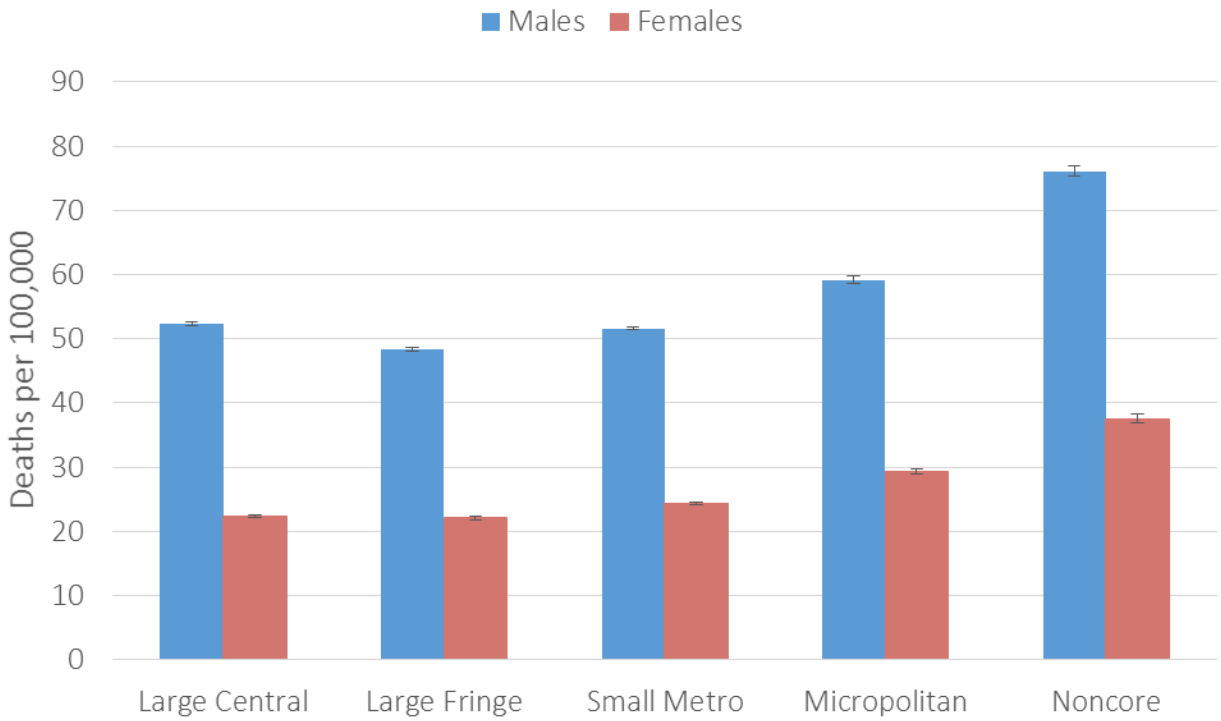
Urbanization Levels

- Large Central Metro**
 - Inner cities, densely populated counties
- Large Fringe Metro**
 - Suburban, counties with greater than 1 million residents
- Small Metro**
 - Counties with 50,000-1 million residents
- Micropolitan**
 - Large rural counties of 10,000-49,999
- Non-core**
 - Small Rural counties with less than 10,000 residents

Source: "NCHS Rural Urban Scheme for Counties", NCHS, April 2014.

Death Rate for Children and Young Adults Higher in Males, Especially in Rural Counties

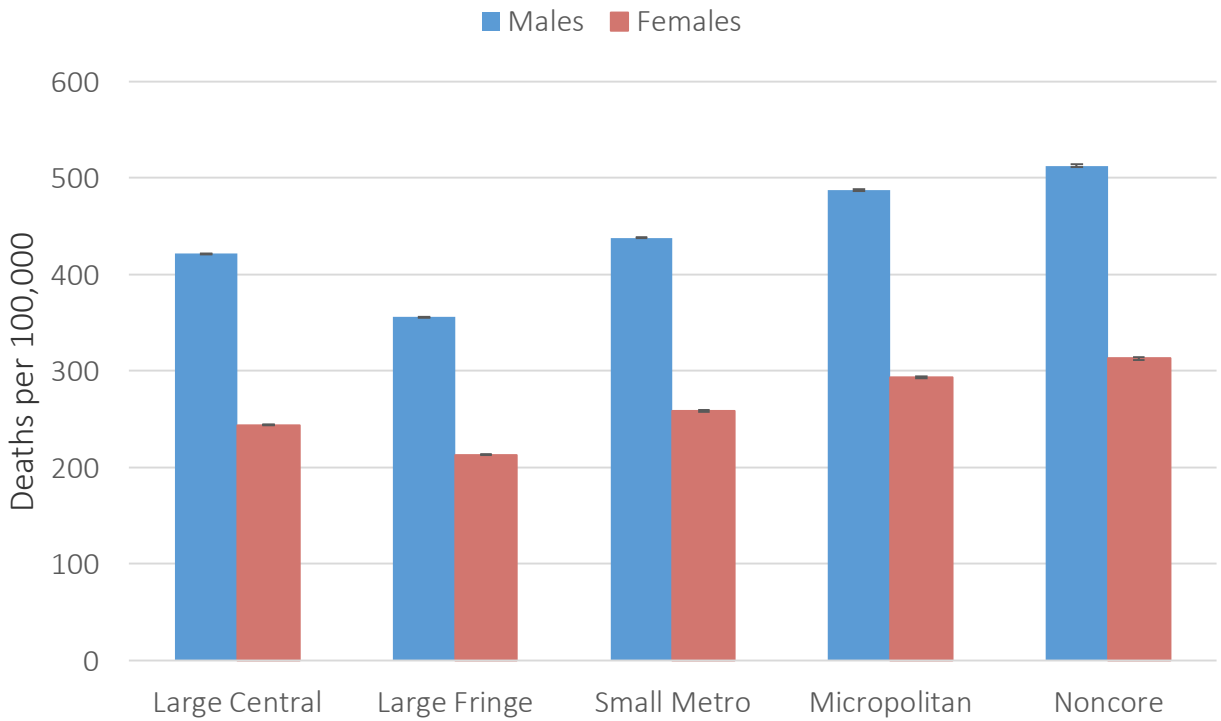
Death Rate for Ages 1-24 Comparison By Location, Rate per 100,000



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Death Rate for Working Age Adults Higher in Rural Counties and Inner Cities

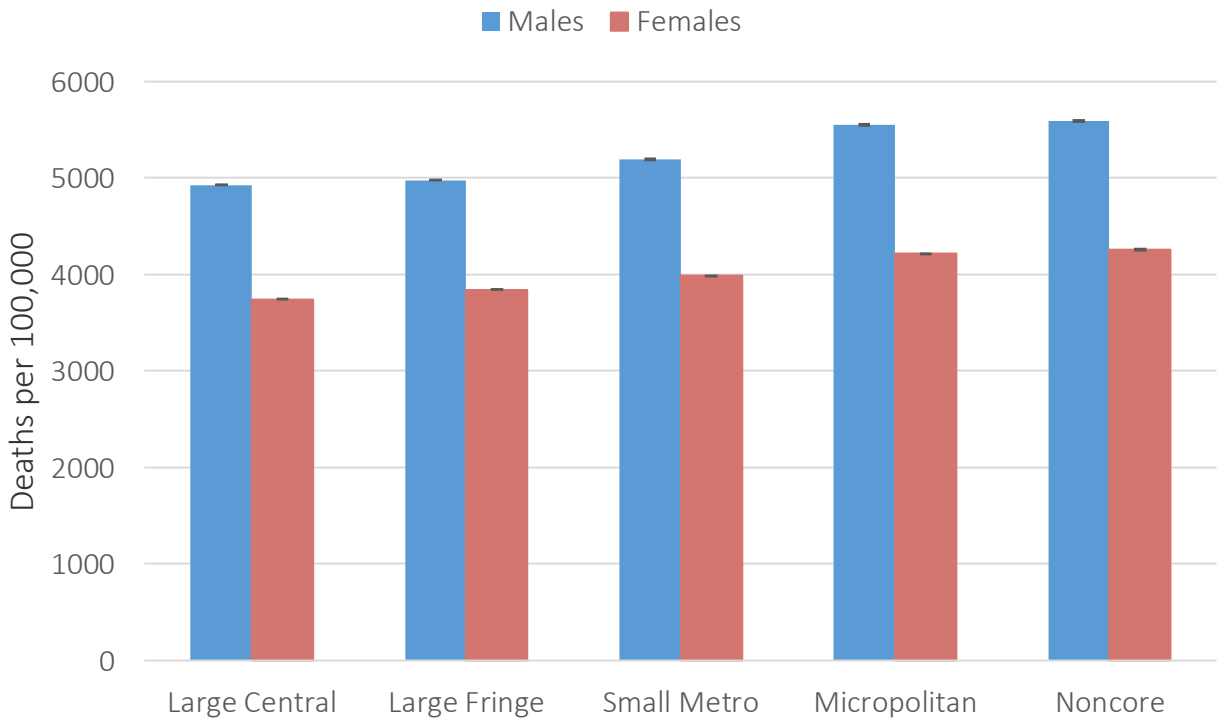
Death Rate for Ages 25-64 Comparison By Location, Rate per 100,000



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Mortality Rates for the Elderly Slightly Elevated in Rural Counties

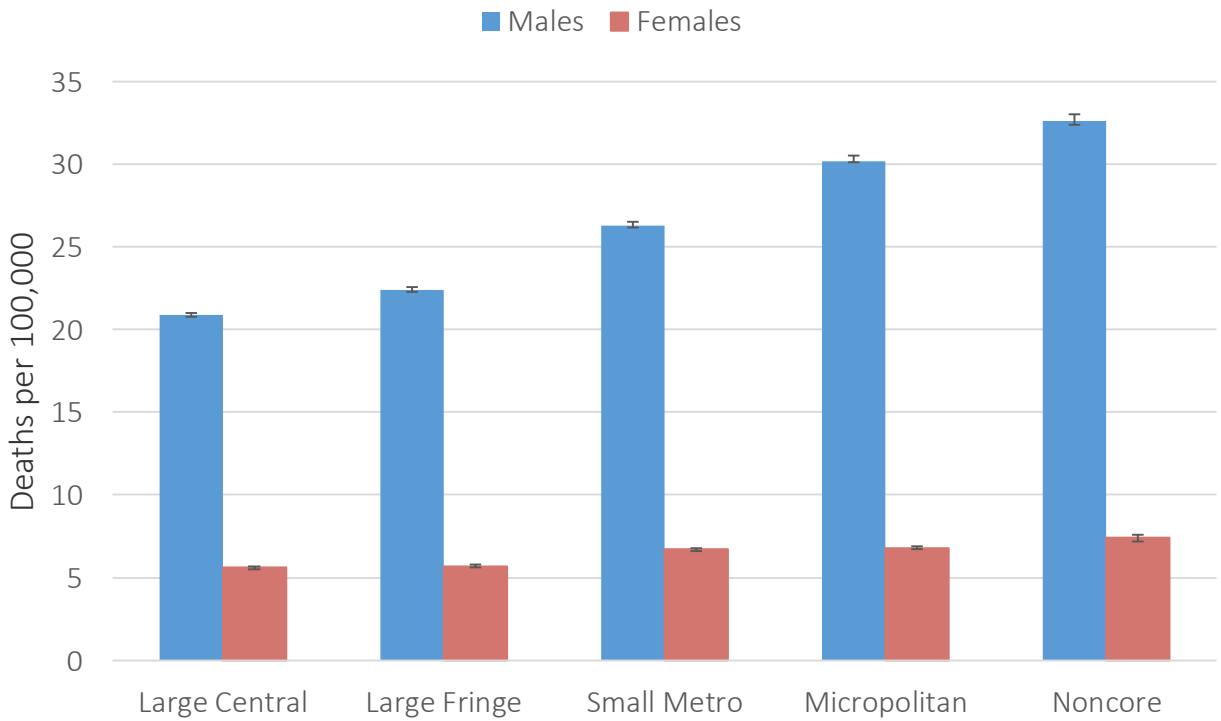
Death Rate for Aged 65+ Comparison By Location, Rate per 100,000



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Suicide More Common In Males, Especially in Rural Counties

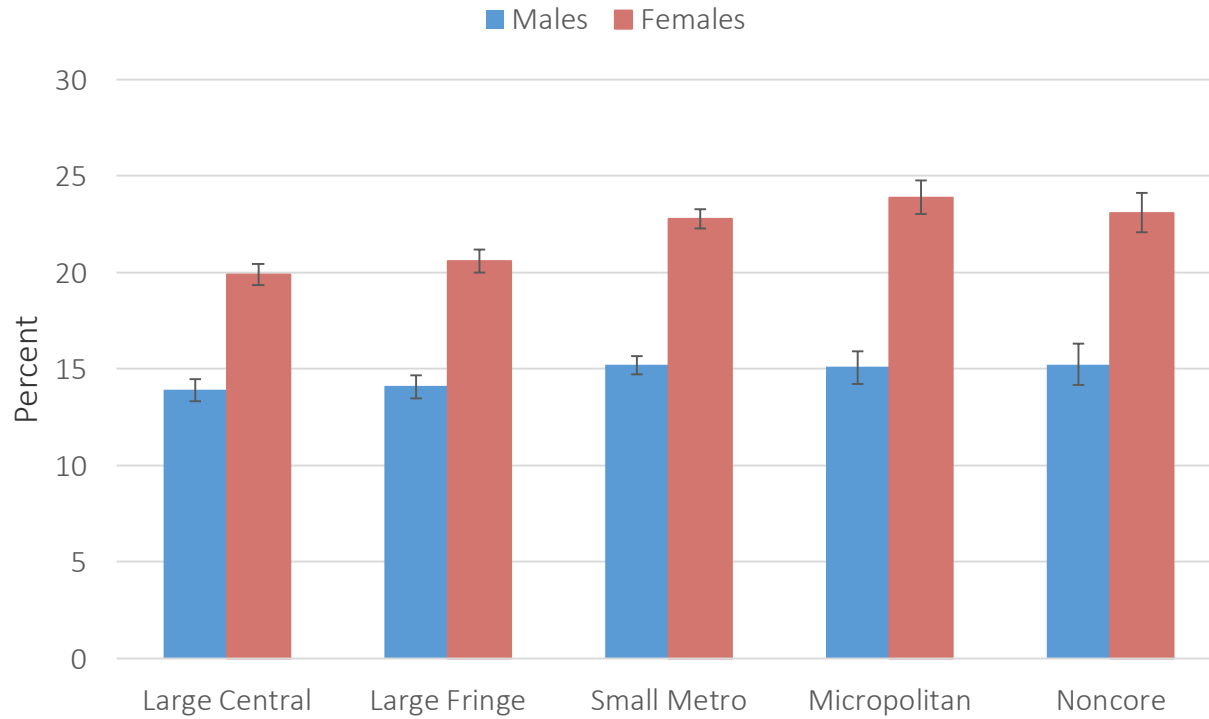
Suicide Rate for Aged 15+ Comparison By Location, Rate per 100,000



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Mental Illness More Prevalent Among Women, and Slightly Higher in Rural Areas

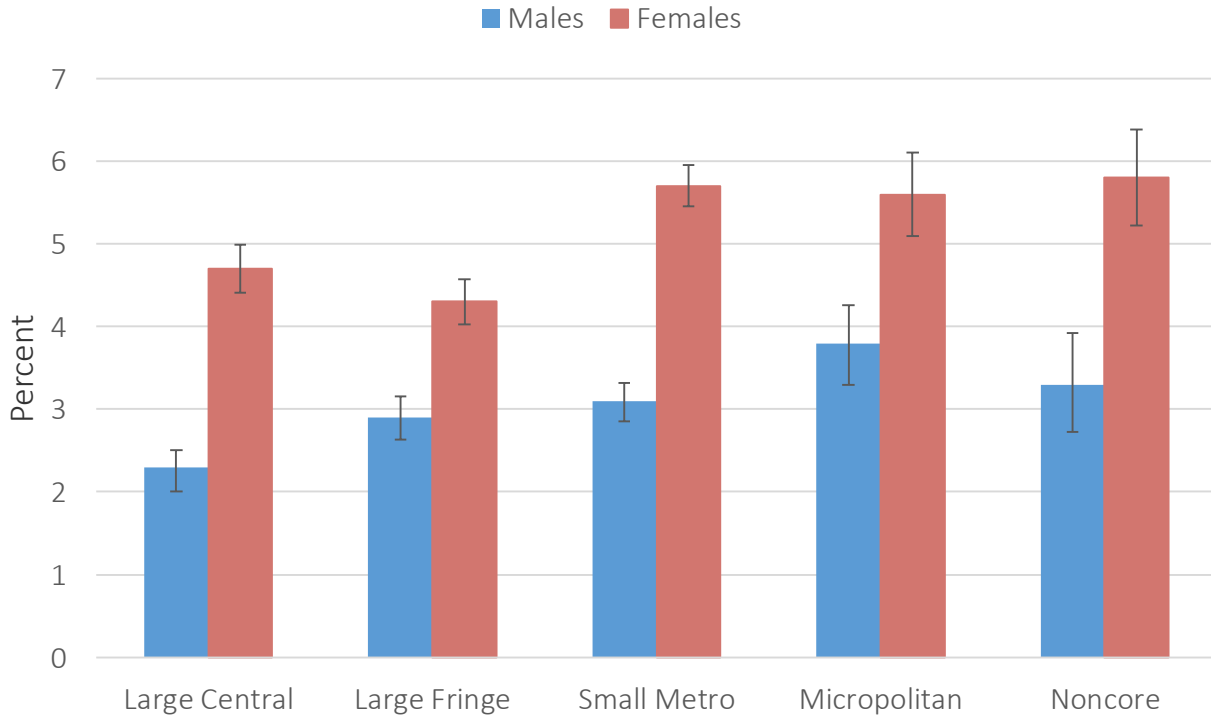
Mental Illness Within in Past Year for 18+ Comparison By Location, %



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Debilitating Mental Illness Much Higher For Women, Especially in Noncore Counties

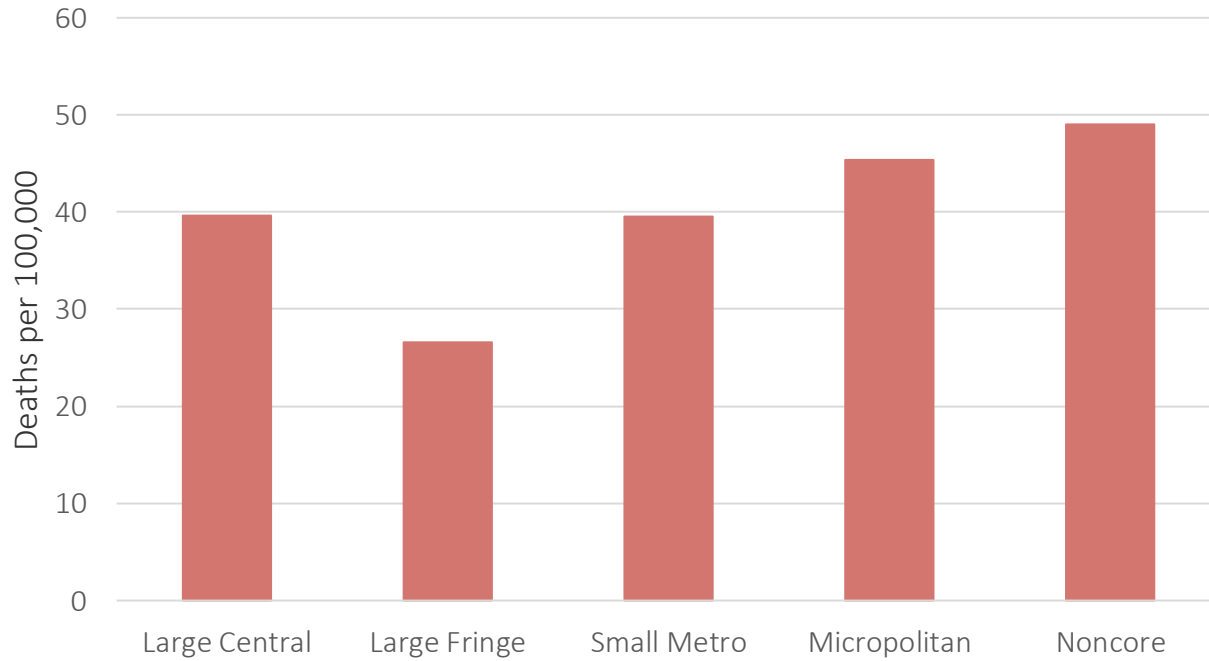
Serious Mental Illness Within in Past Year for 18+, %



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Teen Birth Rates Higher in Urban and Rural Areas – Suburban Rates Lower

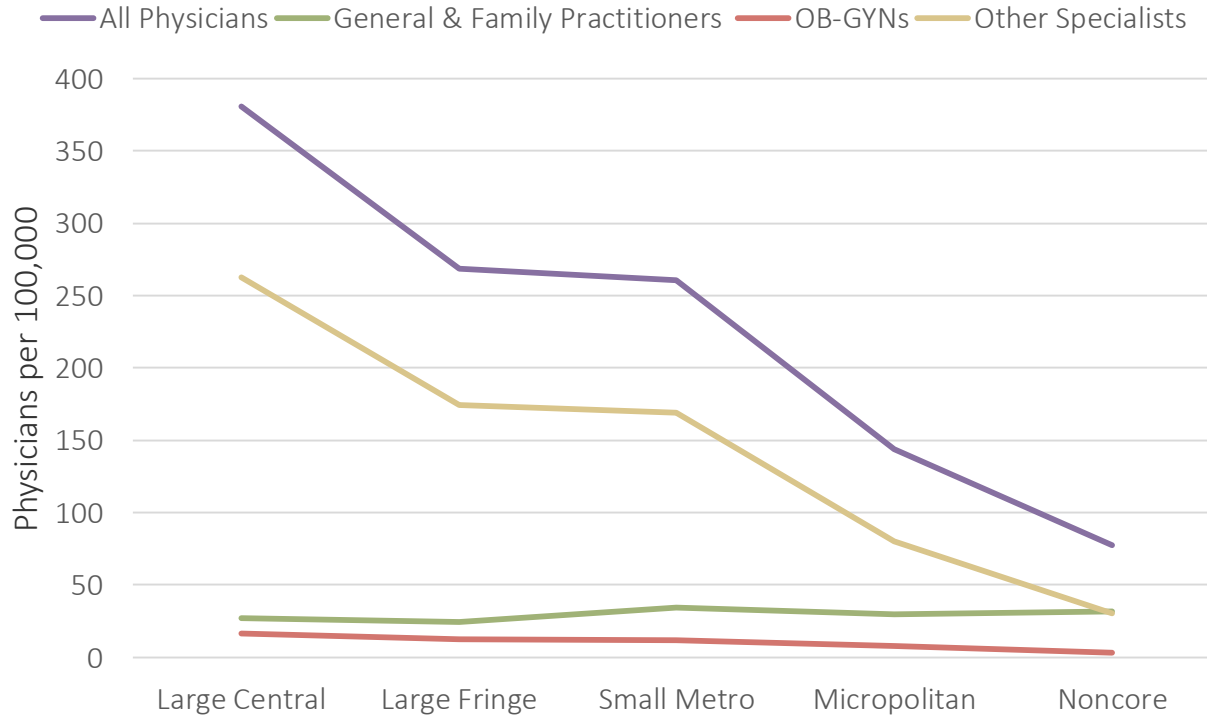
Birth Rate for Females Age 15-19, Rate per 100,000, 2008-2010



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.

Physician Supply Low In Rural Areas, Highest Supply in Dense, Urban Counties

Physician Supply Comparison, Rate per 100,000, 2010



Source: Michael Meit, NORC, et al., "The 2014 Update of the Rural-Urban Chartbook," Rural Health Research & Policy Center, 2014.