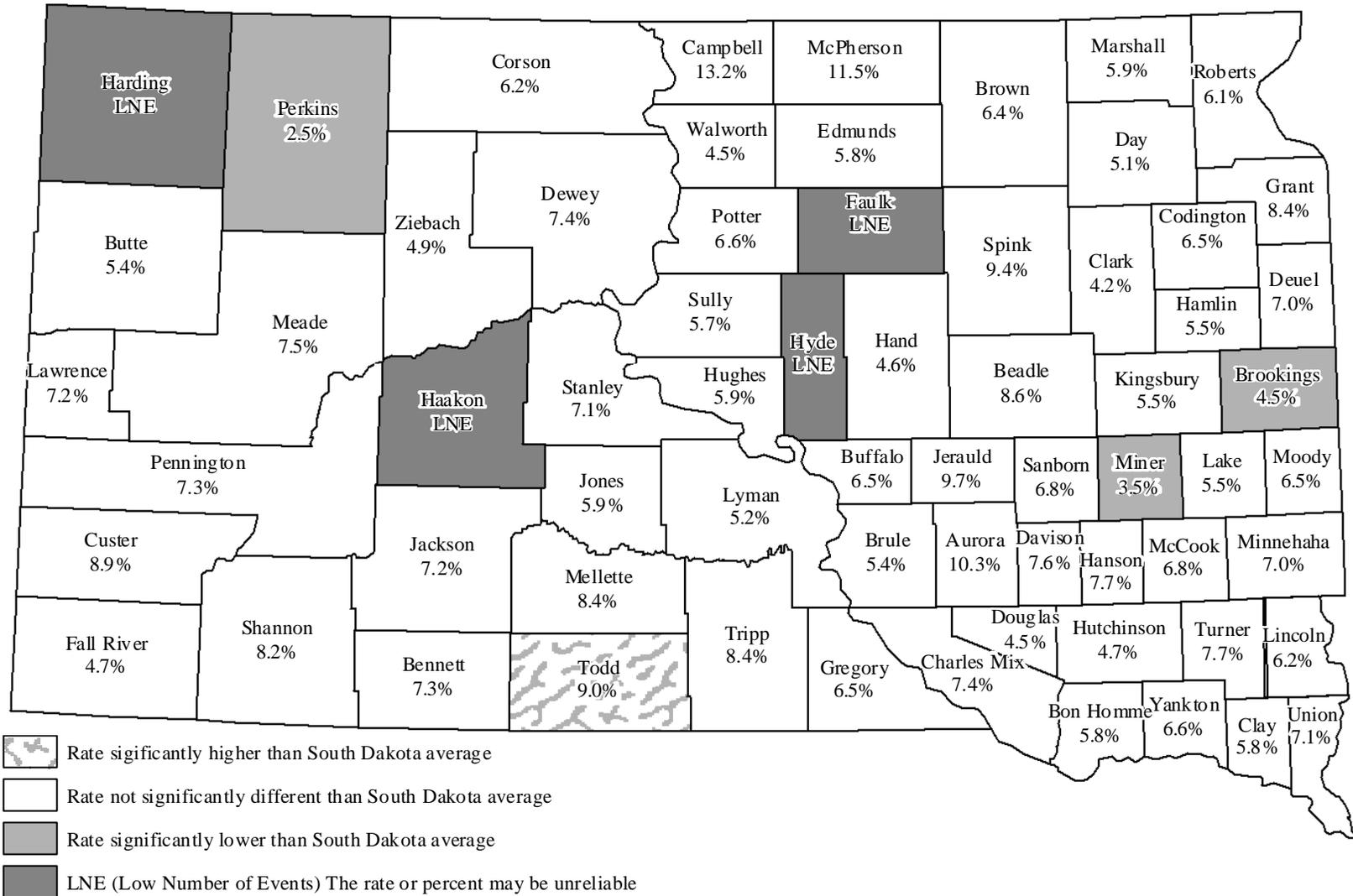


Map 1

Percent of Low Birth Weight Infants by County, 2004-2008

U.S. = 8.3% **South Dakota = 6.8%**



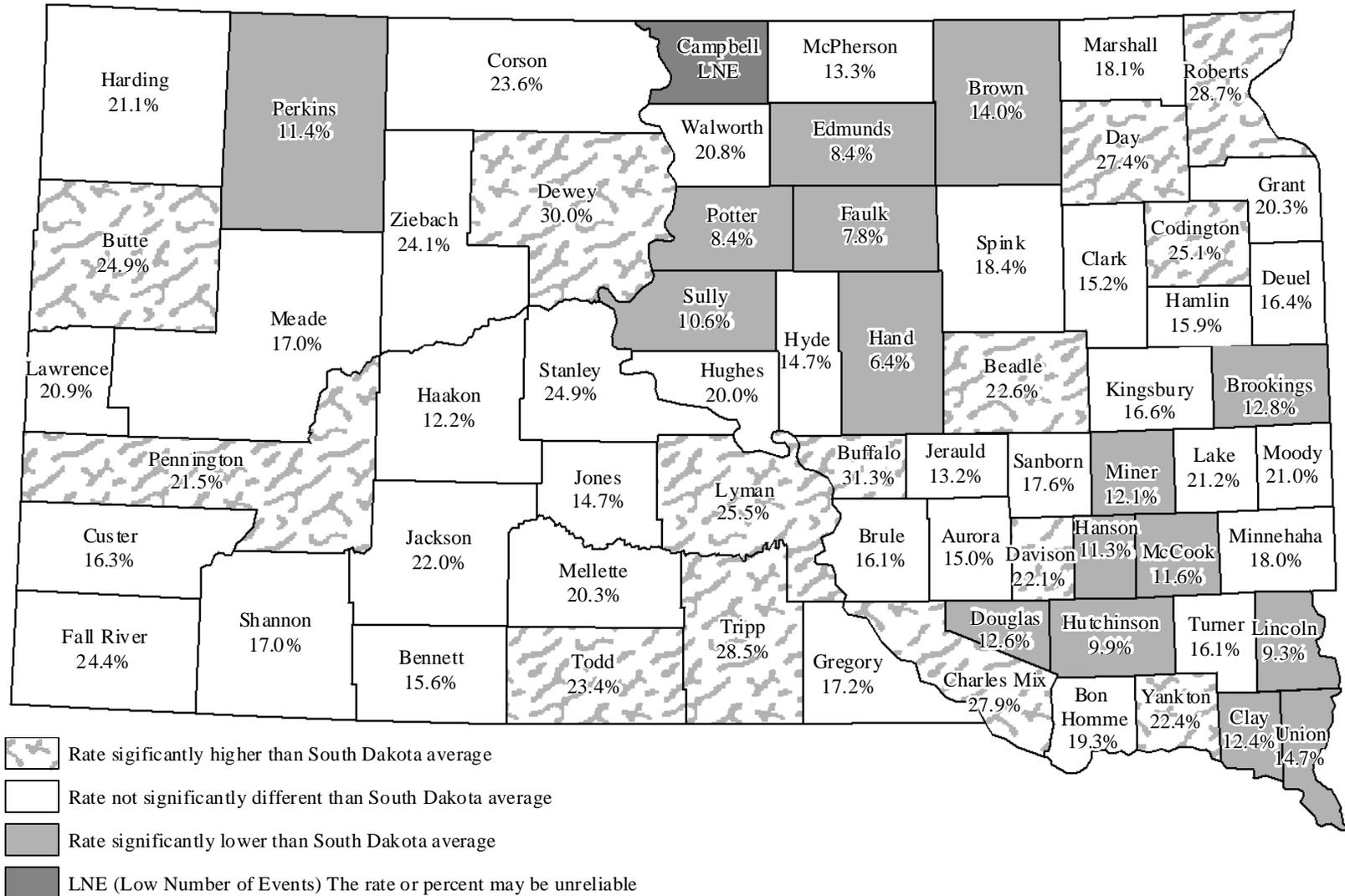
Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The percent of low birth weight infants is calculated based on the first weight of the newborn obtained after birth. Low birth weight infants are those born alive who weigh less than 2,500 grams (about 5 pounds 9 ounces). The U.S. percent of low birth weight infants is from 2006. See technical notes for more complete explanations.

Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 3

Percent of Mothers Who Used Tobacco While Pregnant by County, 2004-2008

U.S. = 13.2%* **South Dakota = 18.8%**



Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The data for mothers who used tobacco while pregnant are self-reported on the birth certificates. The U.S. percent of mothers who used tobacco while pregnant is from 2006 and is based on 37 states using the 2003 standard birth certificate, including South Dakota. See technical notes for more complete explanations.

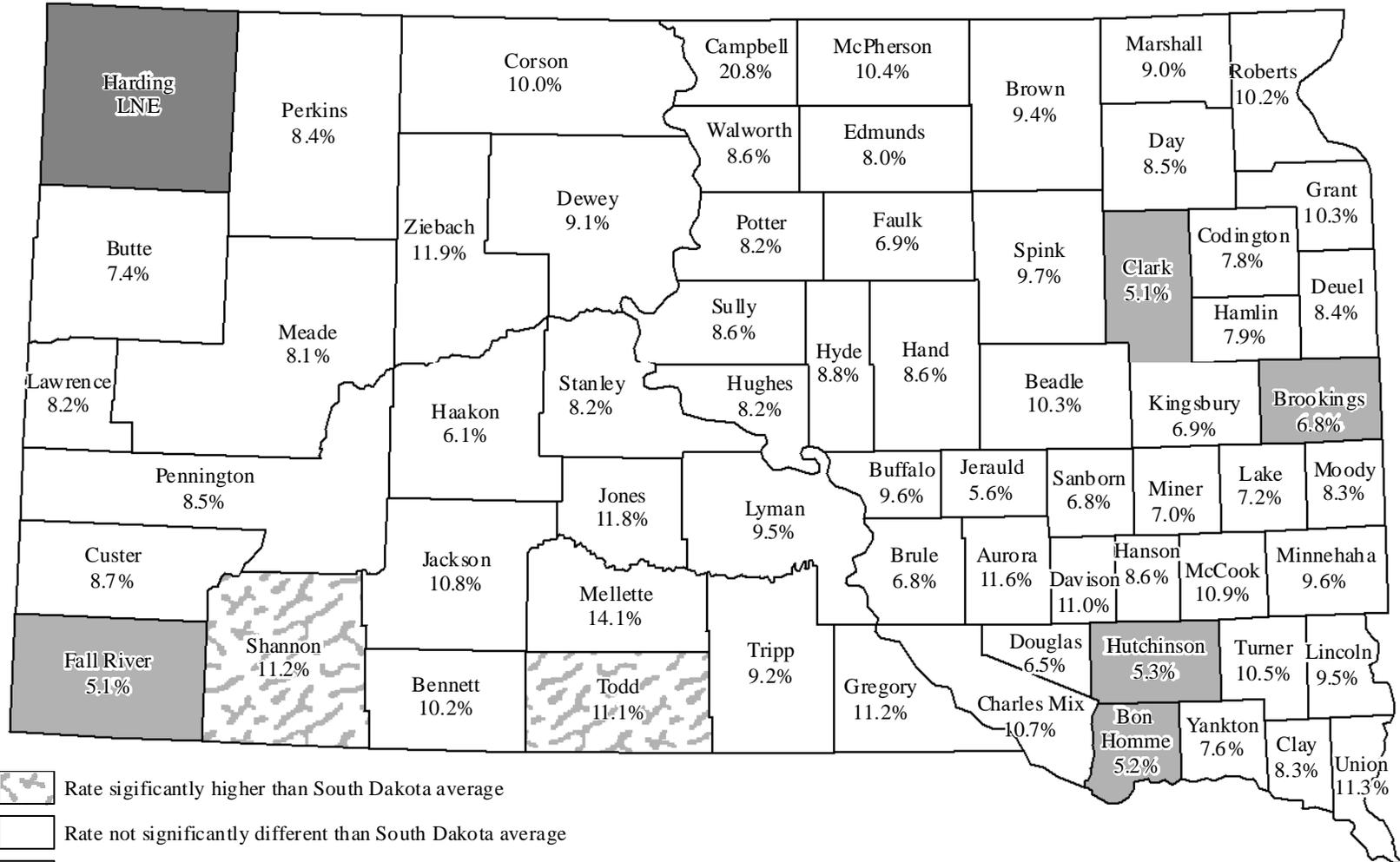
*Due to lack of comparable data from all 50 states, U.S. and South Dakota cannot be compared.

Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 4

Percent of Births Less Than 37 Weeks Gestation by County, 2004-2008

U.S. = 12.8% **South Dakota = 9.1%**



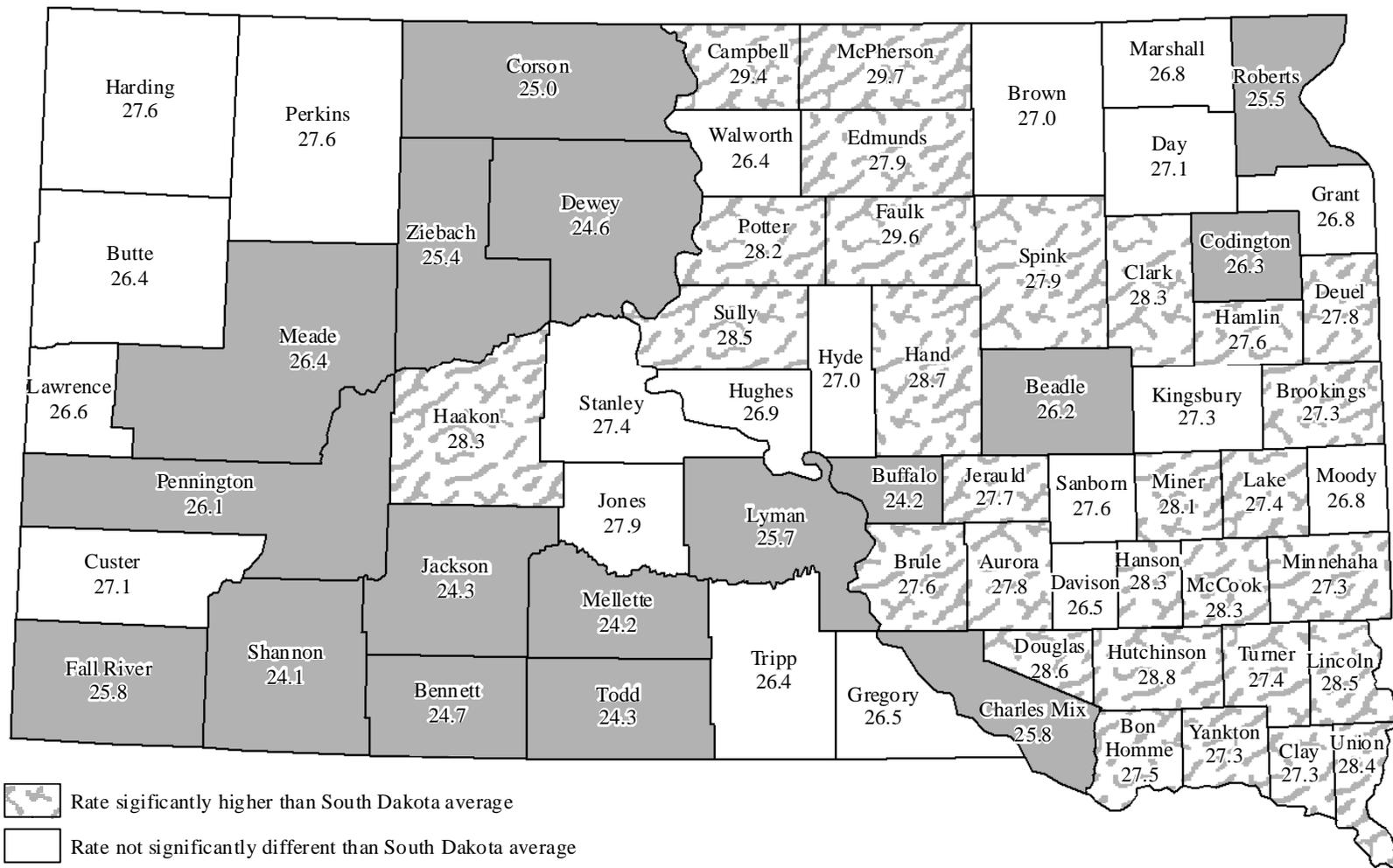
- Rate significantly higher than South Dakota average
- Rate not significantly different than South Dakota average
- Rate significantly lower than South Dakota average
- LNE (Low Number of Events) The rate or percent may be unreliable

Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The U.S. percent of births less than 37 weeks gestation is from 2006. See technical notes for more complete explanations.
 Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 5

Average Age of Mother by Resident County, 2004-2008

U.S. = 27.4* **South Dakota = 26.8**



- Rate significantly higher than South Dakota average
- Rate not significantly different than South Dakota average
- Rate significantly lower than South Dakota average
- LNE (Low Number of Events) The rate or percent may be unreliable

Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The U.S. average age of mothers is from 2006.

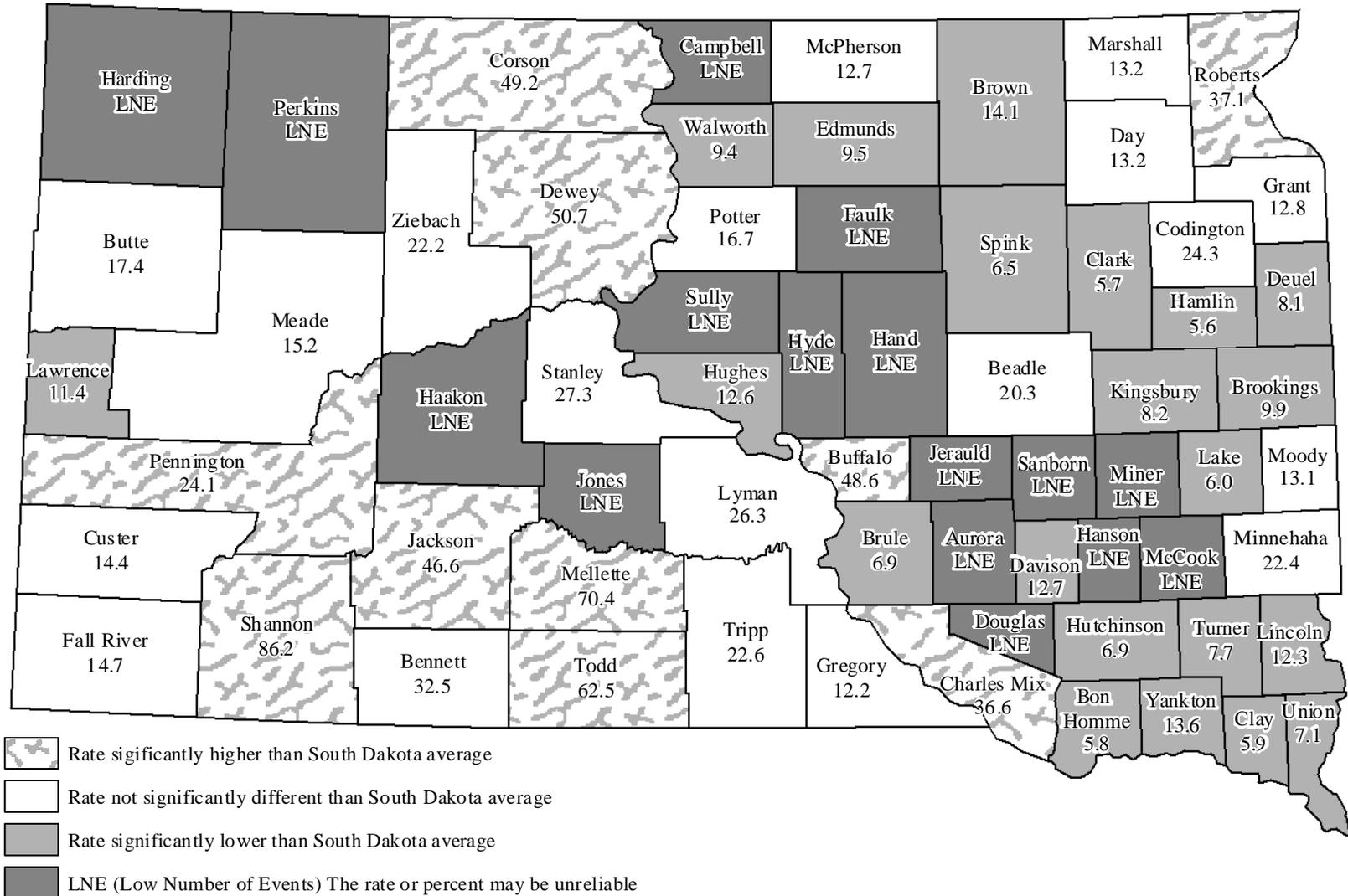
*Due to lack of comparable data from all 50 states, U.S. and South Dakota can not be compared.

See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 6

Teenage Pregnancy Rate by Resident County, 2004-2008

U.S. = 40.2 **South Dakota = 19.9**

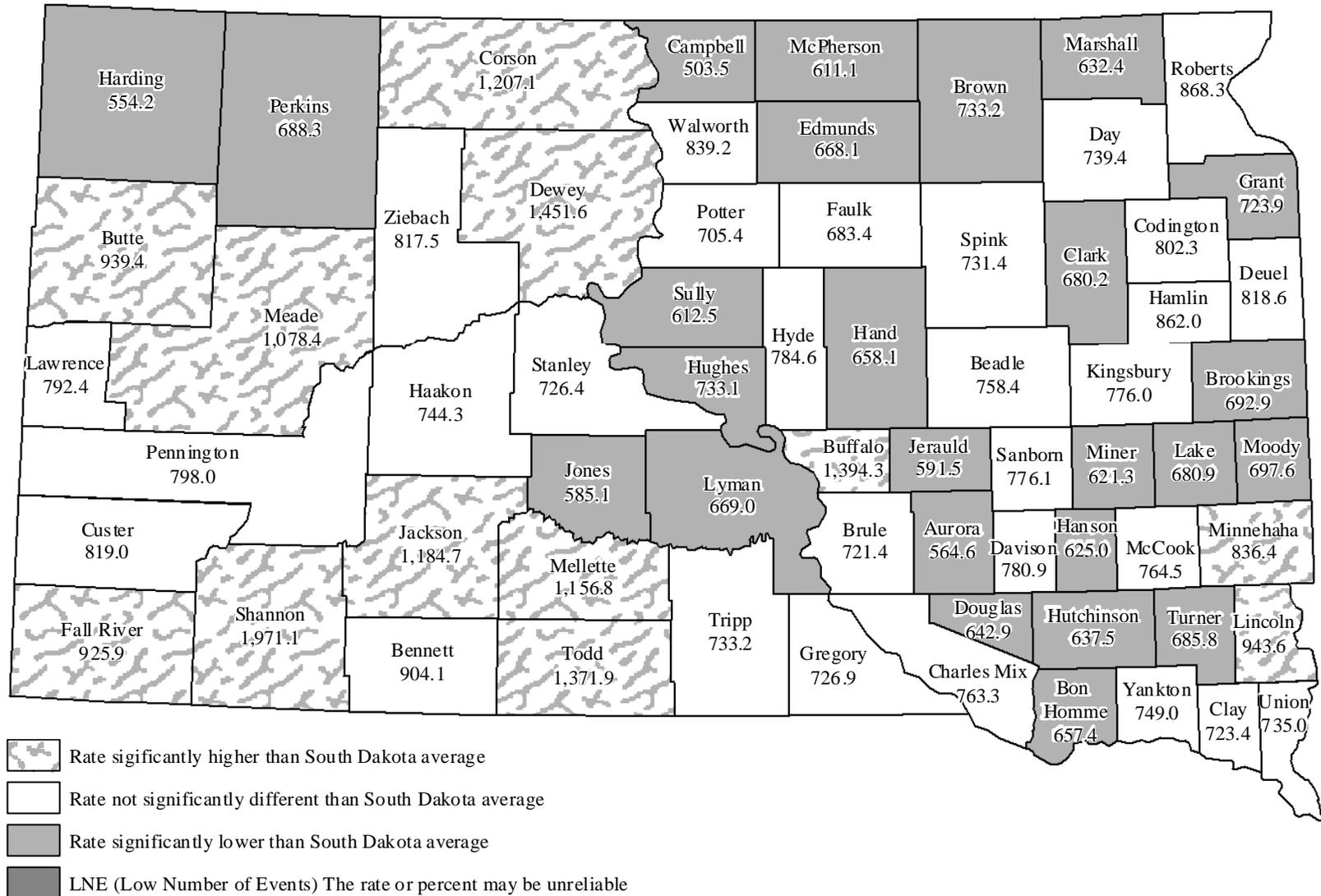


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the county. The teenage pregnancy rate is live births, fetal deaths, and abortions per 1,000 females age 15-17. The U.S. teenage pregnancy rate is from 2005. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 7

Death Rate Due to All Causes by County, 2004-2008

U.S. = 776.5 **South Dakota = 799.6**

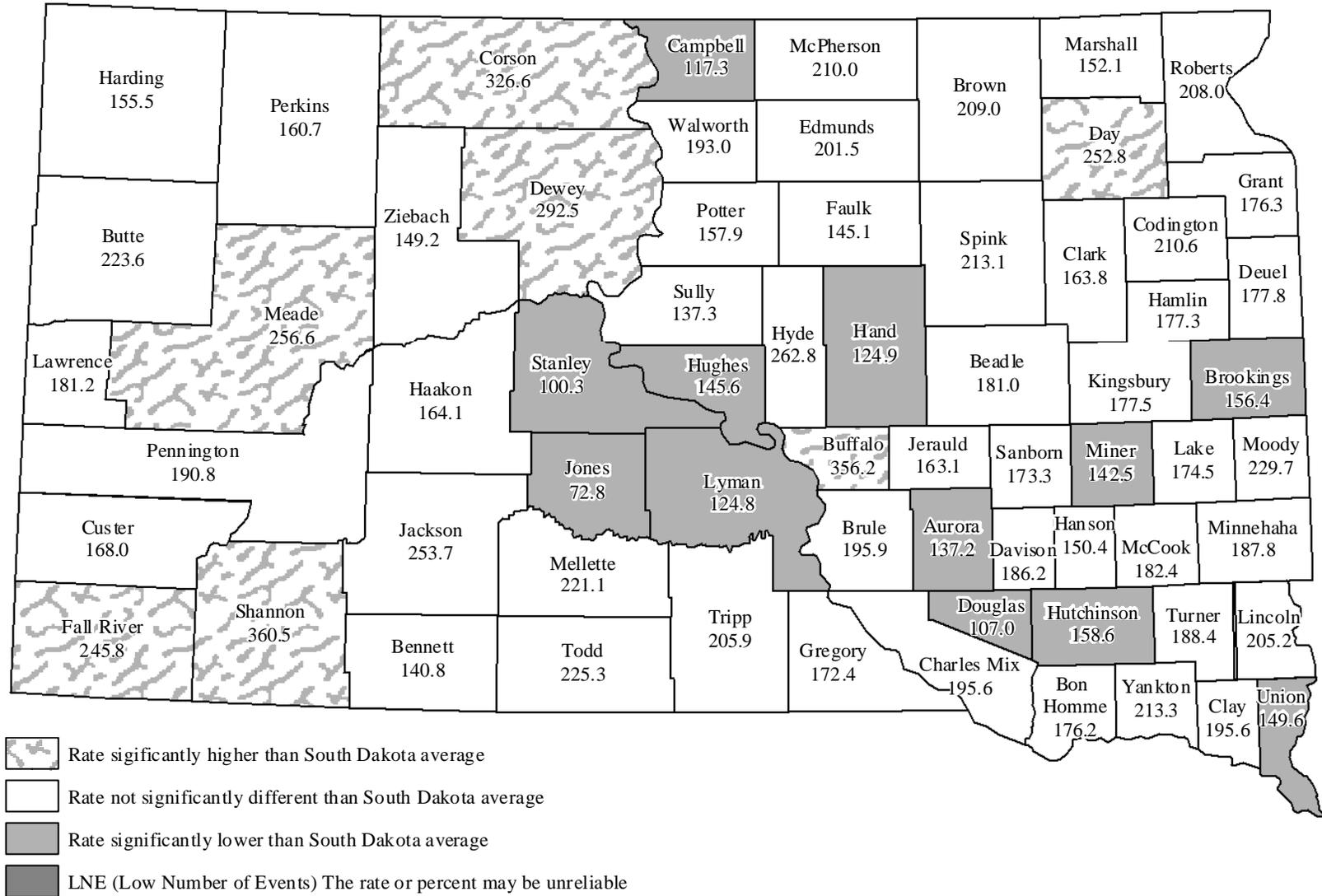


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the county. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. The U.S. age-adjusted death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 8

Death Rate Due to Heart Disease by County, 2004-2008

U.S. = 200.2 **South Dakota = 191.2**

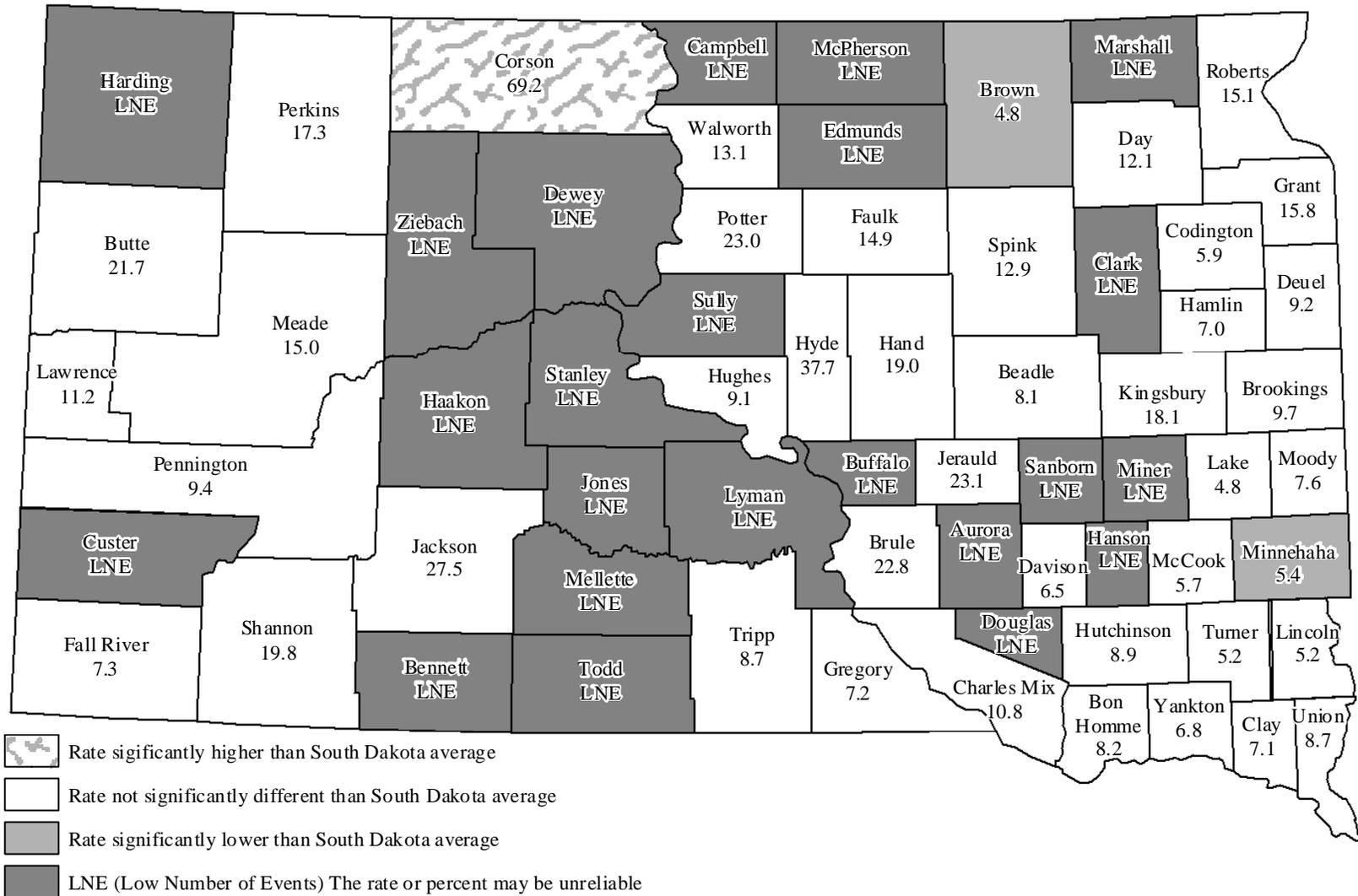


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Heart disease is defined as ICD-10 codes I00-I09, I11, I13, and I20-I51. The U.S. age-adjusted Heart Disease death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 11

Death Rate Due to Heart Failure by County, 2004-2008

U.S. = 18.9 **South Dakota = 9.0**

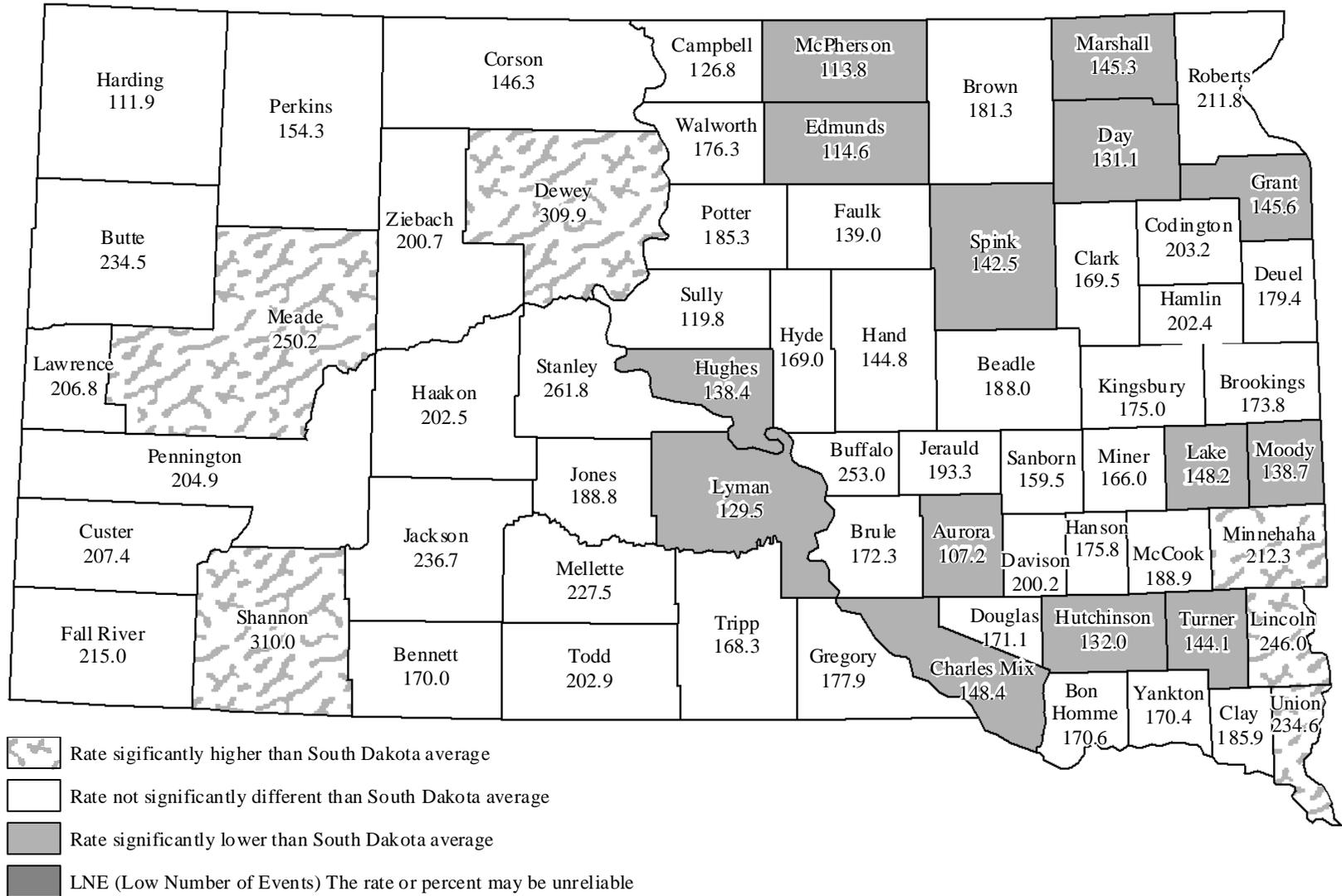


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Heart Failure is defined as ICD-10 code I50. The U.S. age-adjusted Heart Failure death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 12

Death Rate Due to All Malignant Neoplasms (Cancer) by County, 2004-2008

U.S. = 180.7 **South Dakota = 189.3**

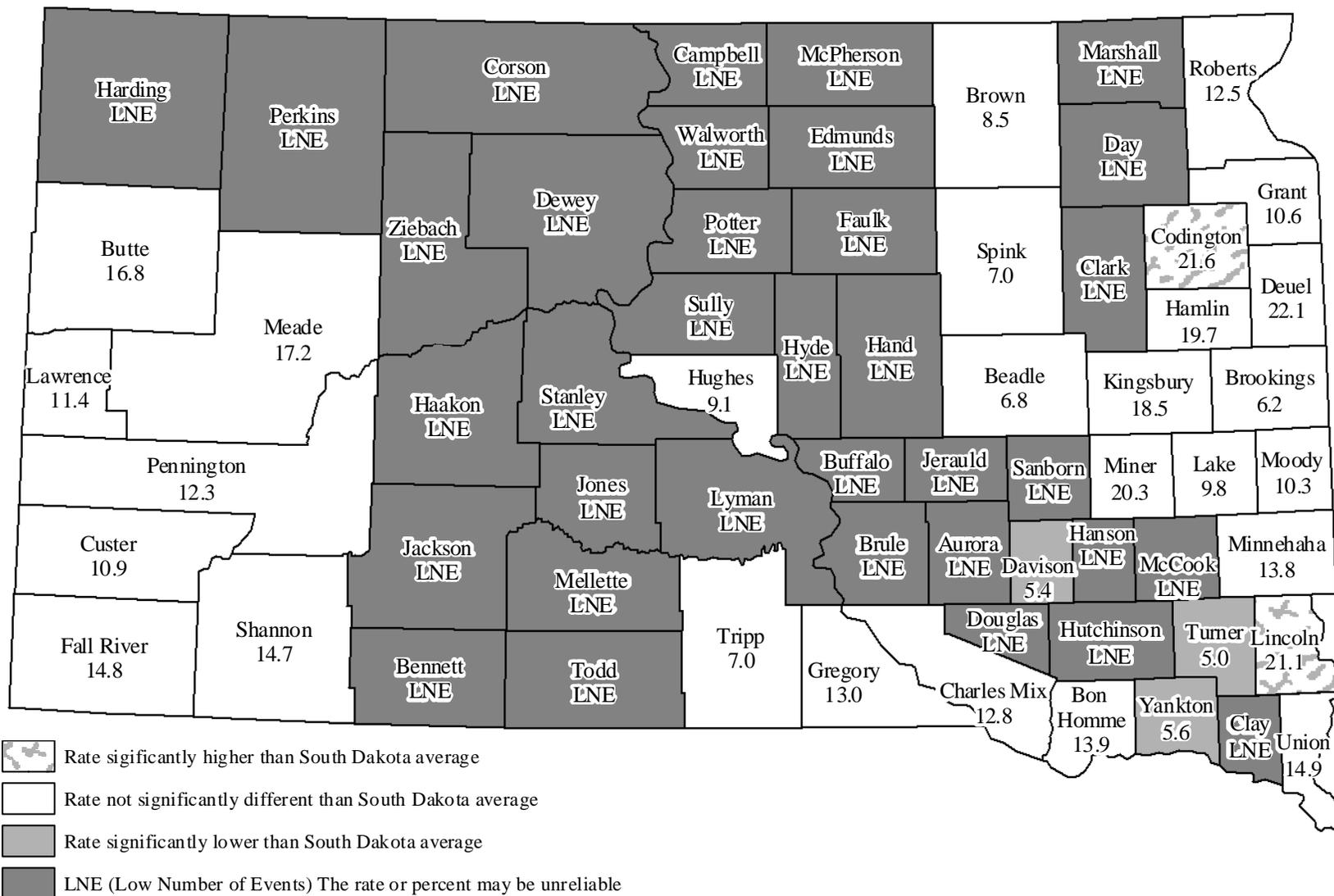


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the county. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Malignant Neoplasms (Cancer) are defined as ICD-10 codes C00-C97. The U.S. age-adjusted Malignant Neoplasms (Cancer) death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 14

Death Rate Due to Colorectal Cancer by County, 2004-2008

U.S. = 17.2 South Dakota = 18.7

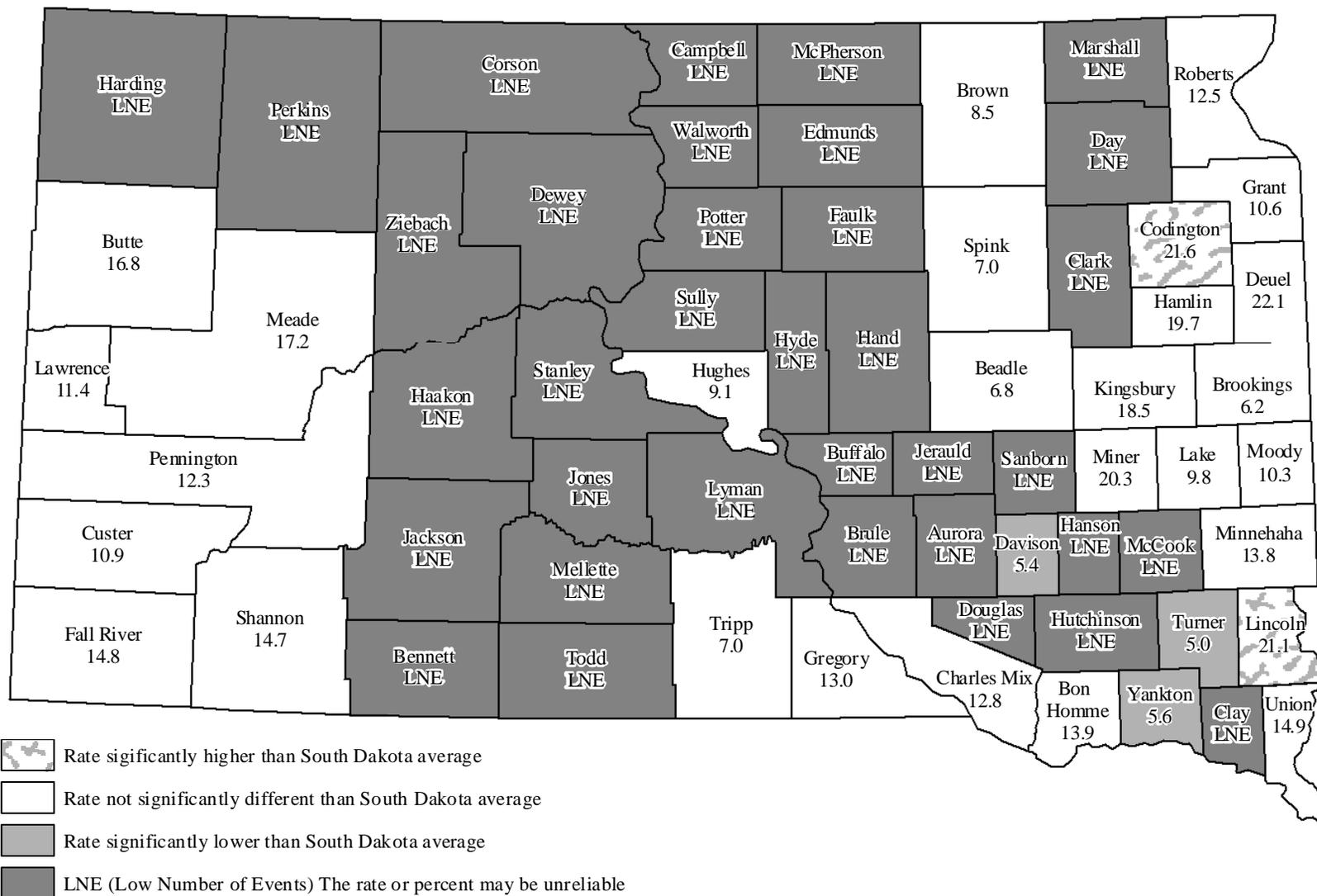


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Colorectal Cancer are defined as ICD-10 codes C18-C21. The U.S. age-adjusted Colorectal Cancer death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 17

Death Rate Due to Pancreatic Cancer by County, 2004-2008

U.S. = 10.8 South Dakota = 11.1

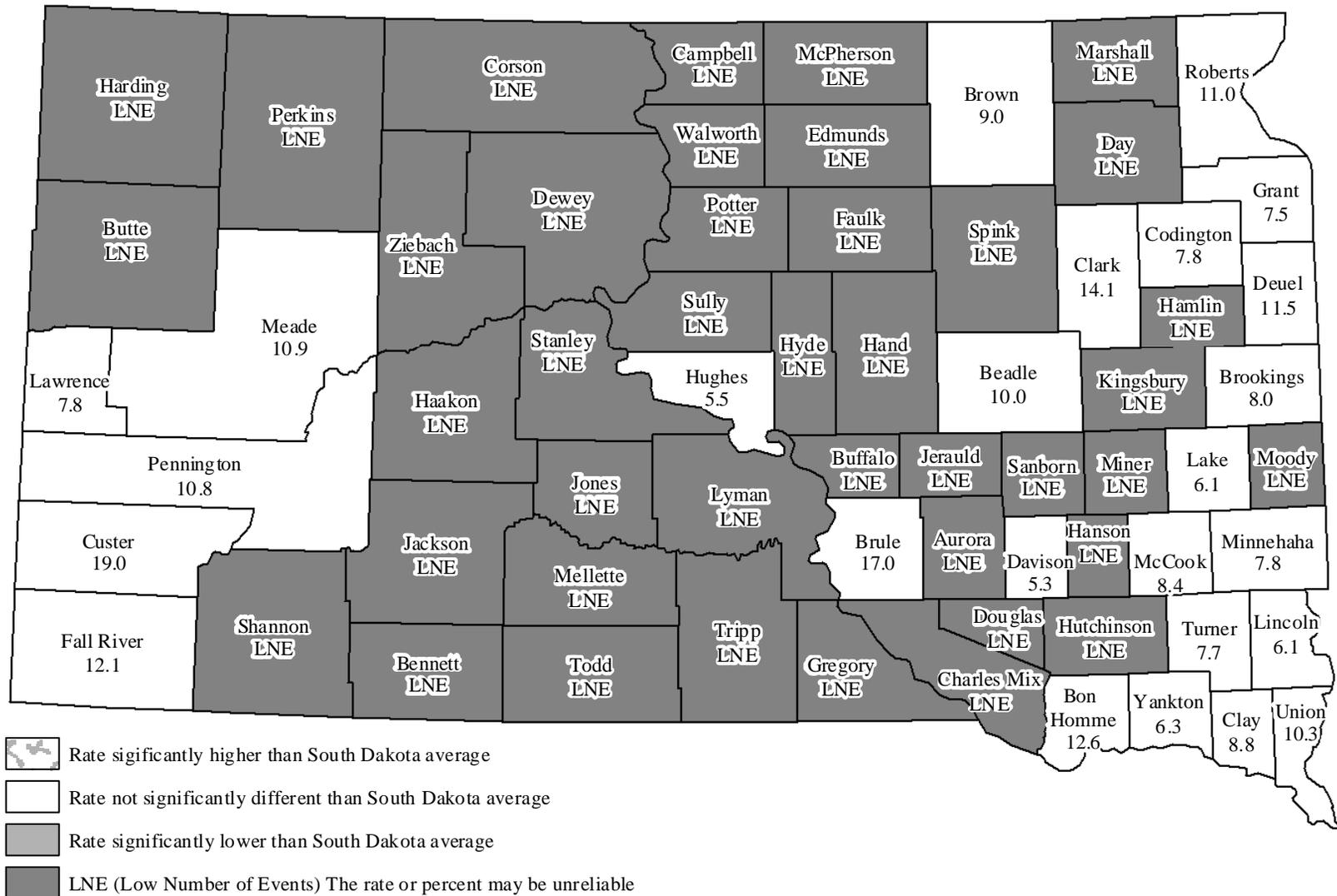


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the county. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Pancreatic Cancer is defined as ICD-10 code C25. The U.S. age-adjusted Pancreatic Cancer death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 18

Death Rate Due to Leukemia by County, 2004-2008

U.S. = 7.1 South Dakota = 7.8

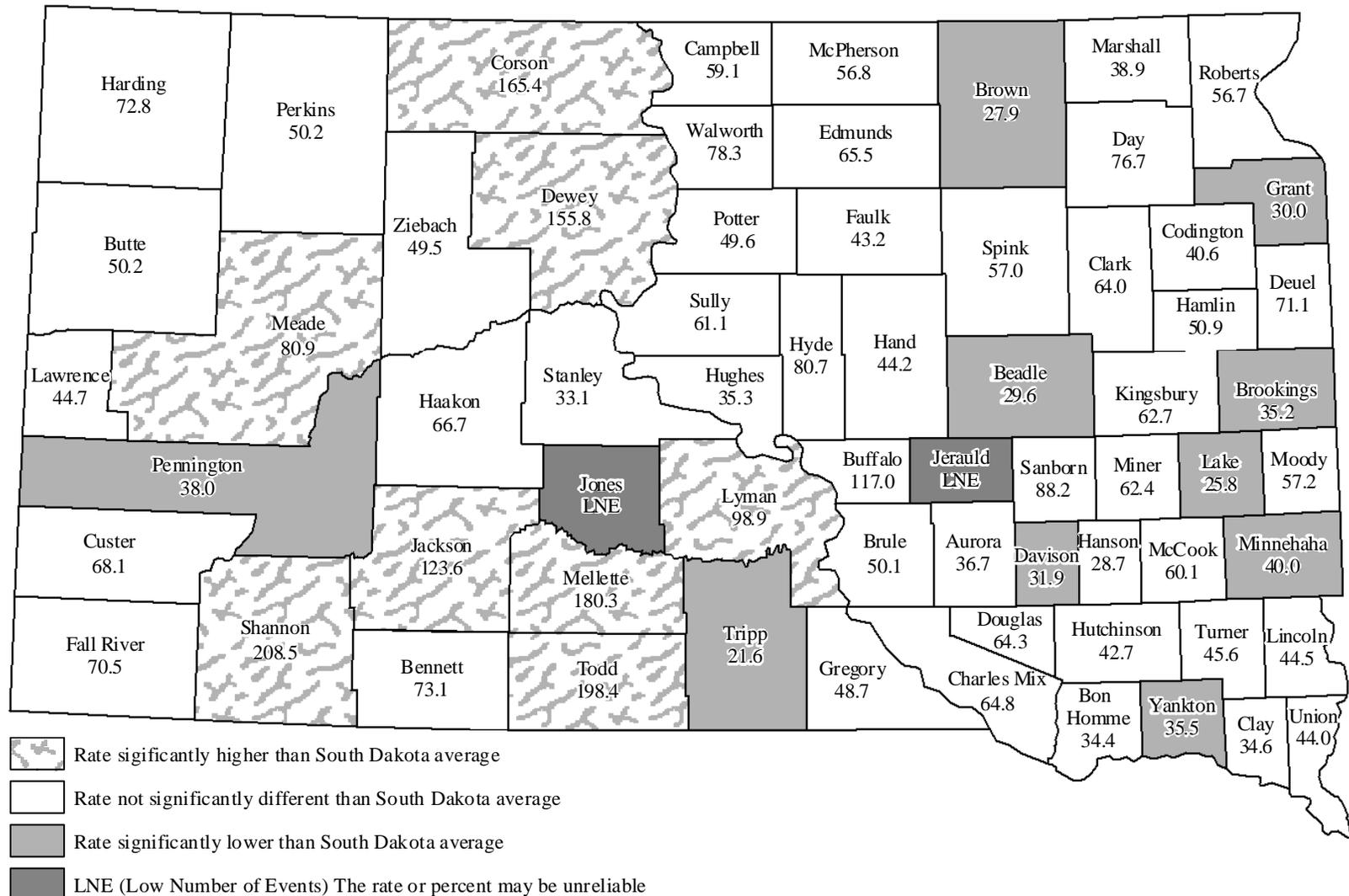


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Leukemia is defined as ICD-10 code C91-C95. The U.S. age-adjusted Leukemia death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 22

Death Rate Due to Accidents by County, 2004-2008

U.S. = 39.8 **South Dakota = 49.3**

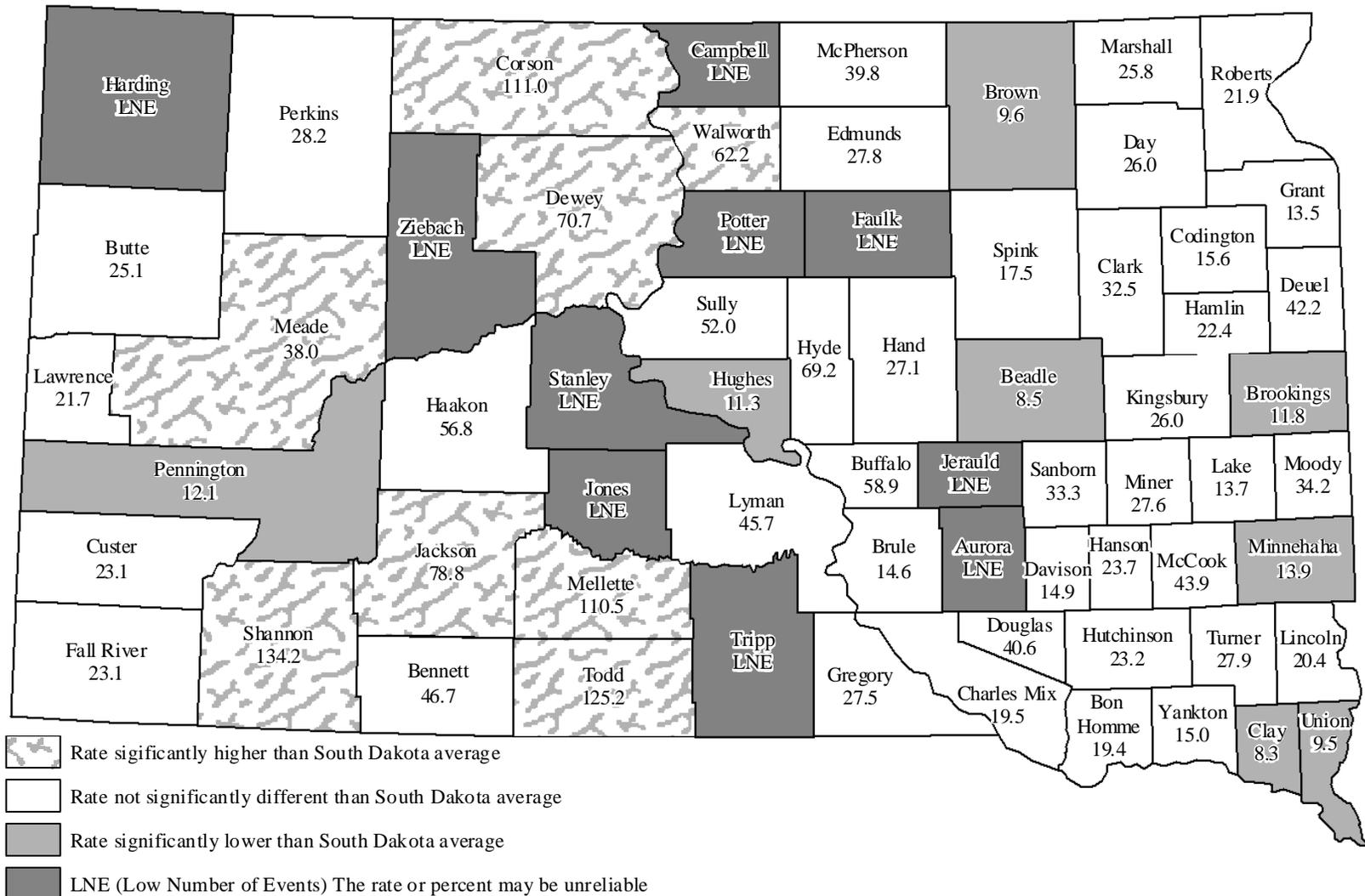


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Accidents are defined as ICD-10 codes V01-X59, Y85-Y86. The U.S. age-adjusted Accident death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 23

Death Rate Due to Motor Vehicle Accidents by County, 2004-2008

U.S. = 15.0 **South Dakota = 21.7**

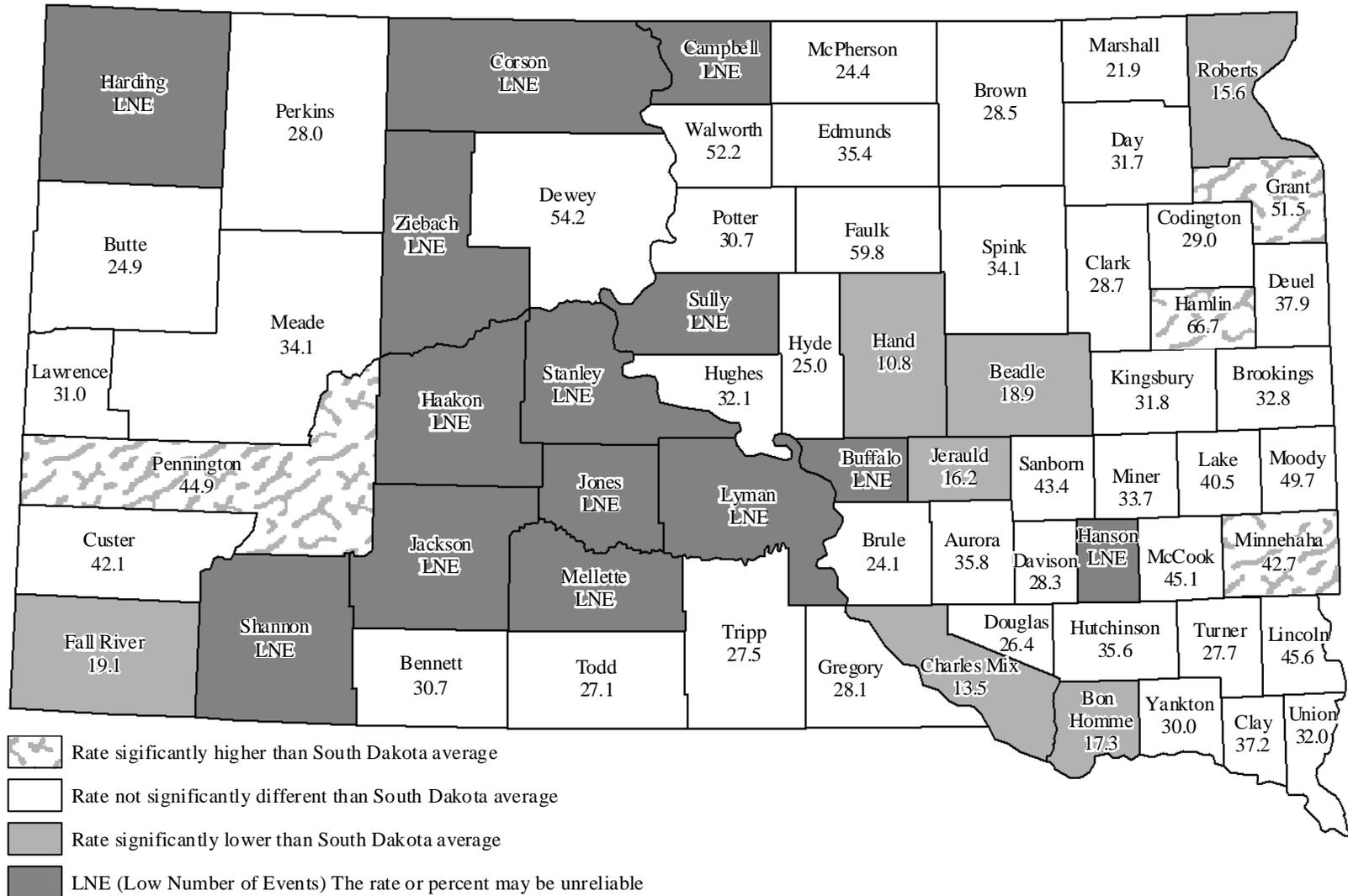


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Motor Vehicle Accidents are defined as ICD-10 codes (V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, and V89.2) The U.S. age-adjusted Motor Vehicle Accident death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 24

Death Rate Due to Alzheimer's Disease by County, 2004-2008

U.S. = 22.6 **South Dakota = 33.3**

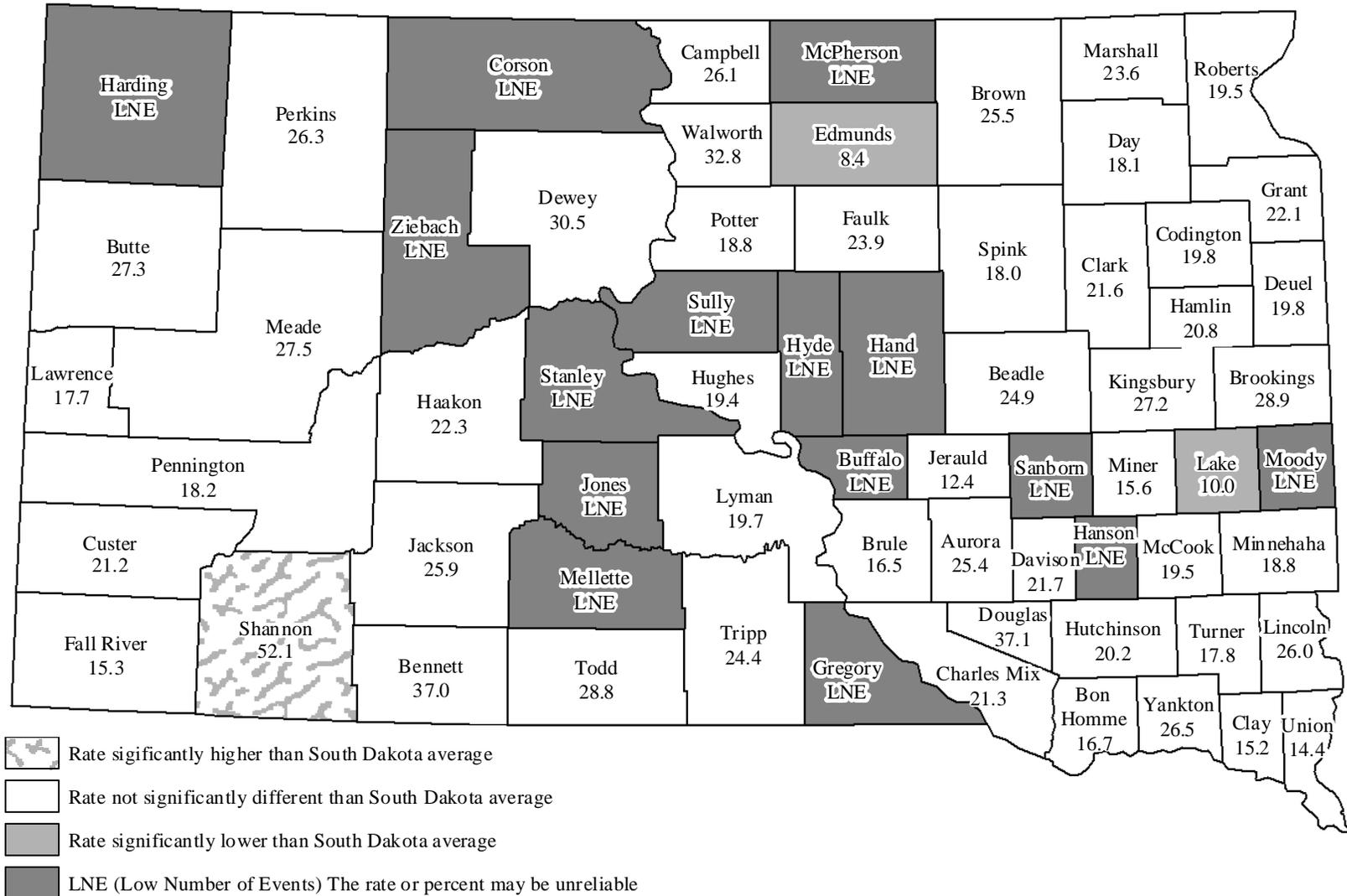


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Alzheimer's Disease is defined as ICD-10 code G30. The U.S. age-adjusted Alzheimer's Disease death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 26

Death Rate Due to Influenza and Pneumonia by County, 2004-2008

U.S. = 17.8 South Dakota = 20.7

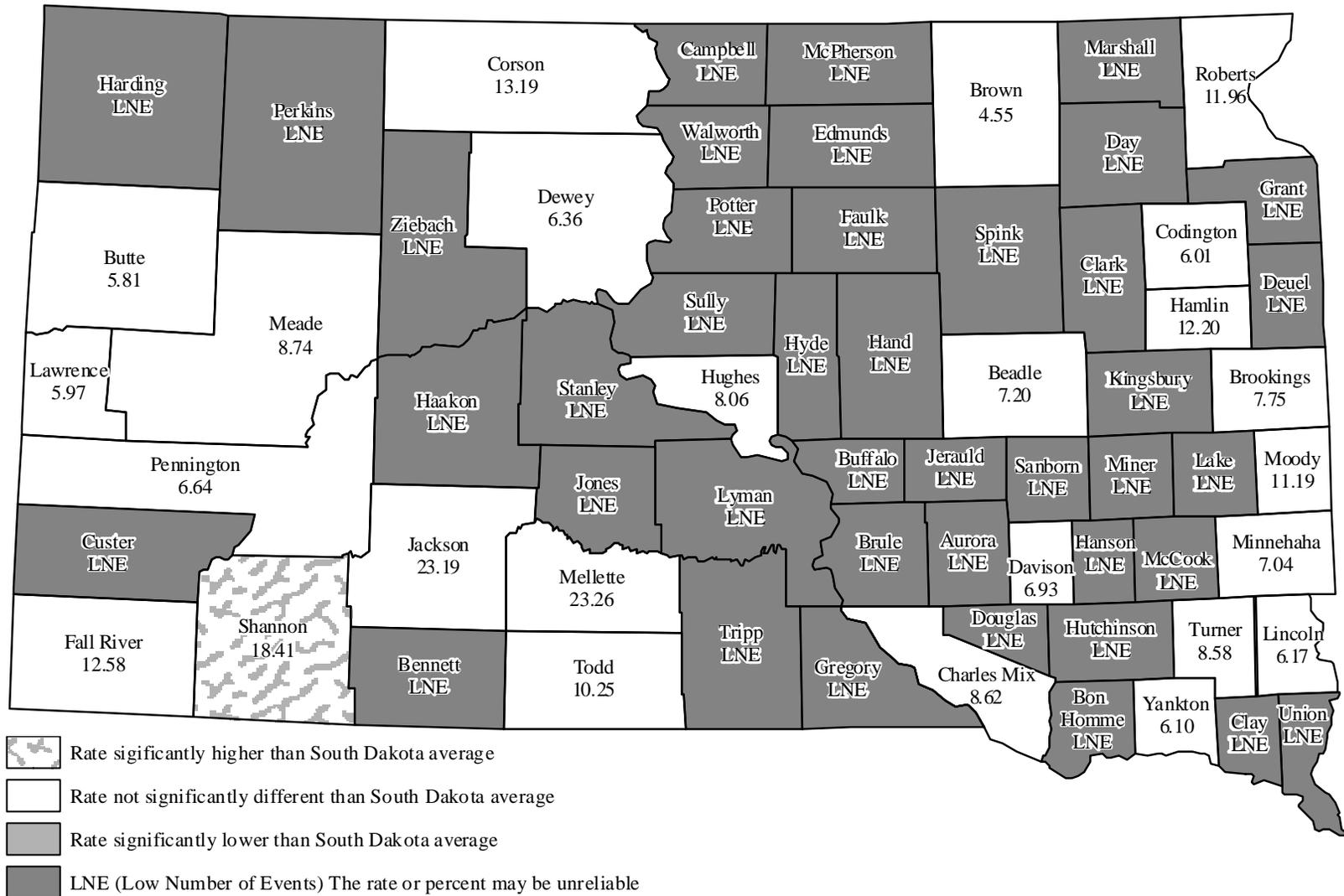


Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. The death rate is age-adjusted per 100,000 population. This eliminates age difference between populations, making them easier to compare. Influenza and Pneumonia are defined as ICD-10 codes J10-J18. The U.S. age-adjusted Influenza and Pneumonia death rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

Map 29

Infant Mortality Rate by County, 2004-2008

U.S. = 6.69 **South Dakota = 7.39**



Note: "Significantly" refers to statistical significance at the 0.05 level. Although a county's actual percent may be higher or lower than the state percent, the difference may not be statistically significant due to the small number of people in the country. Infant mortality is calculated as the number of deaths to babies (less than 1 year old) per 1,000 live births. The U.S. infant mortality rate is from 2006. See technical notes for more complete explanations. Source: South Dakota Department of Health, Office of Data, Statistics, and Vital Records.

