



SOUTH DAKOTA
CARDIOVASCULAR
COLLABORATIVE

2020 Annual Meeting

Session 2: State of Cardiovascular Health in
South Dakota: Data Driven Missions

September 9, 2020
9:00 - 10:30am CT

Welcome!



Chrissy Meyer, MBA
Communications Director
American Heart Association

Welcome to **Session 2: State of Cardiovascular Health in South Dakota: Data Driven Missions** of the 2020 Cardiovascular Collaborative Annual Meeting!

Today's Agenda

- State of Cardiovascular Health in SD
- *Short Break*
- Breakout Groups: Data Driven Missions
- Annual Meeting Next Steps



How are you doing today?



Relaxed and refreshed
after the holiday.



Juggling way too
many things!



Already thinking about
dinner...



I'm doing great and
ready to get
started!

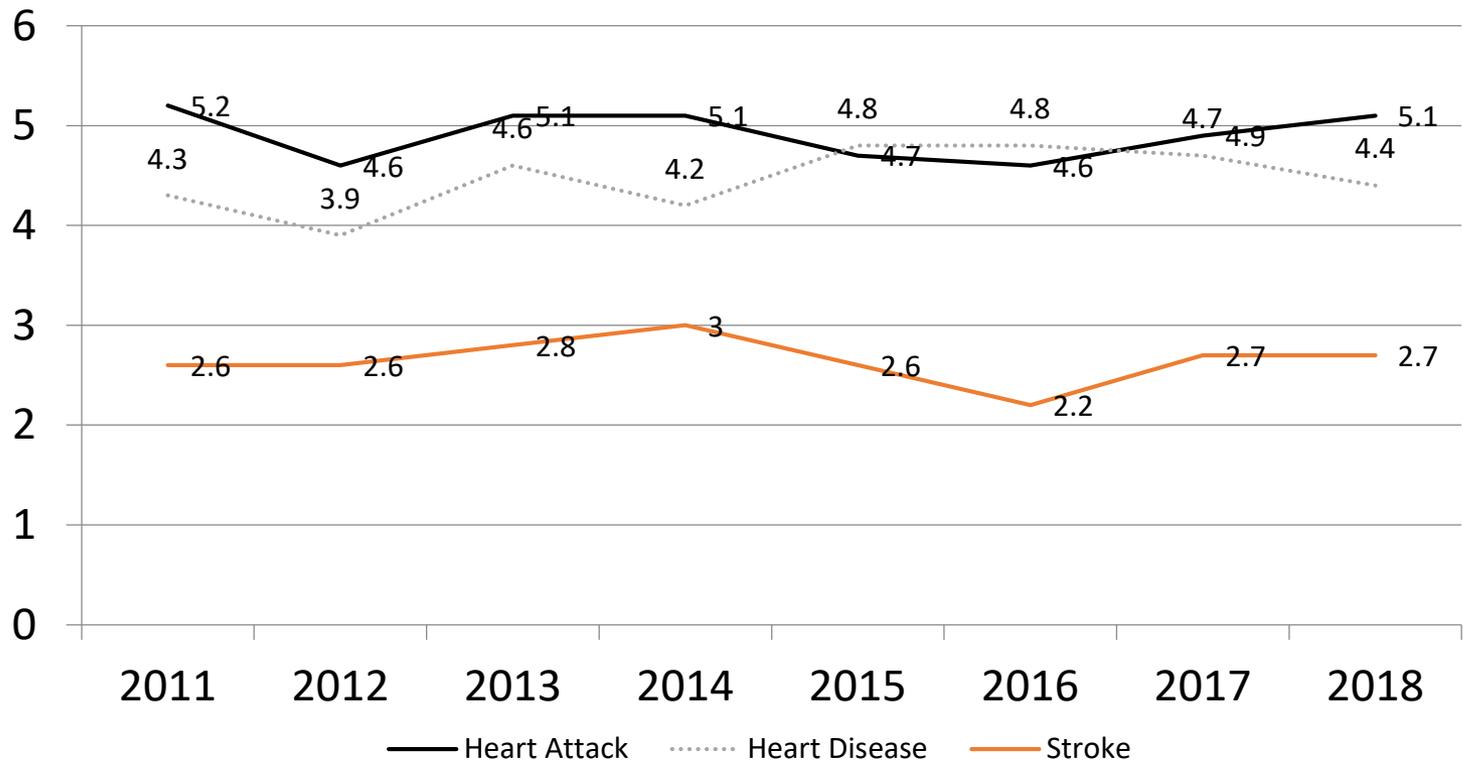


State of Cardiovascular Health in South Dakota

CARDIOVASCULAR DISEASE PREVALENCE



Cardiovascular Prevalence | South Dakota BRFSS

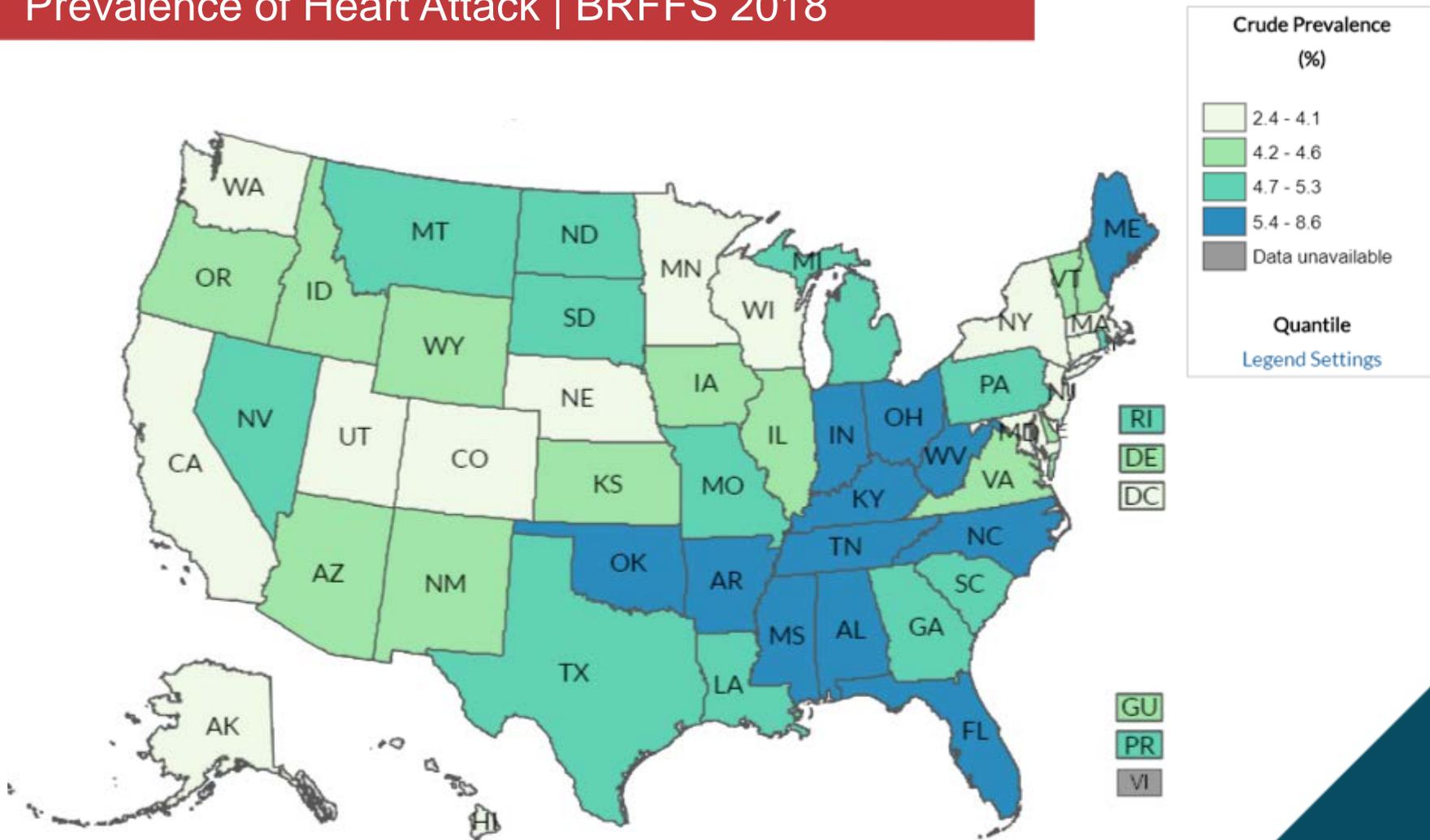


Cardiovascular Collaborative

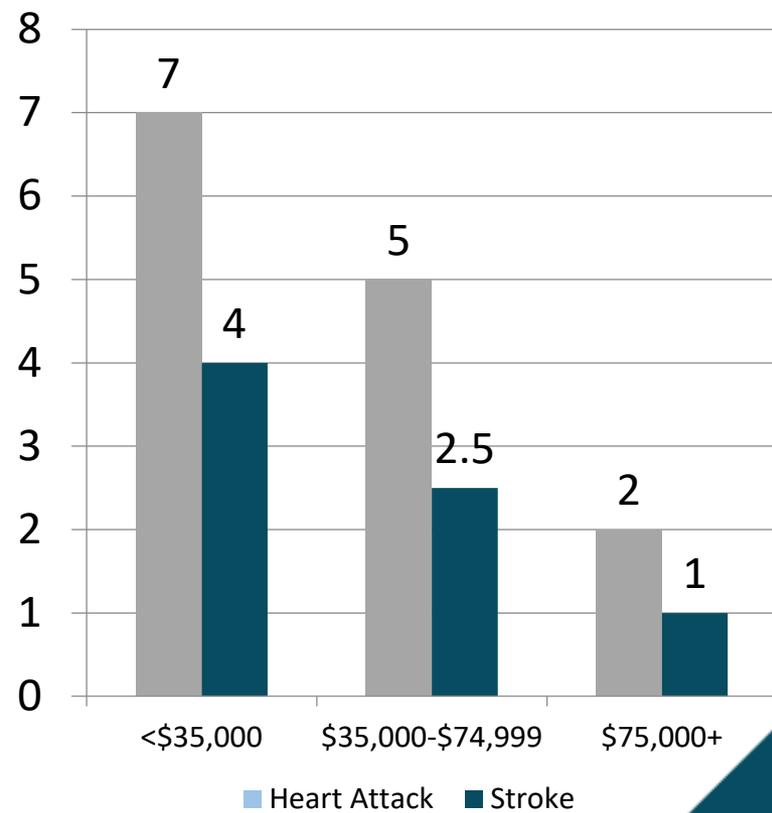
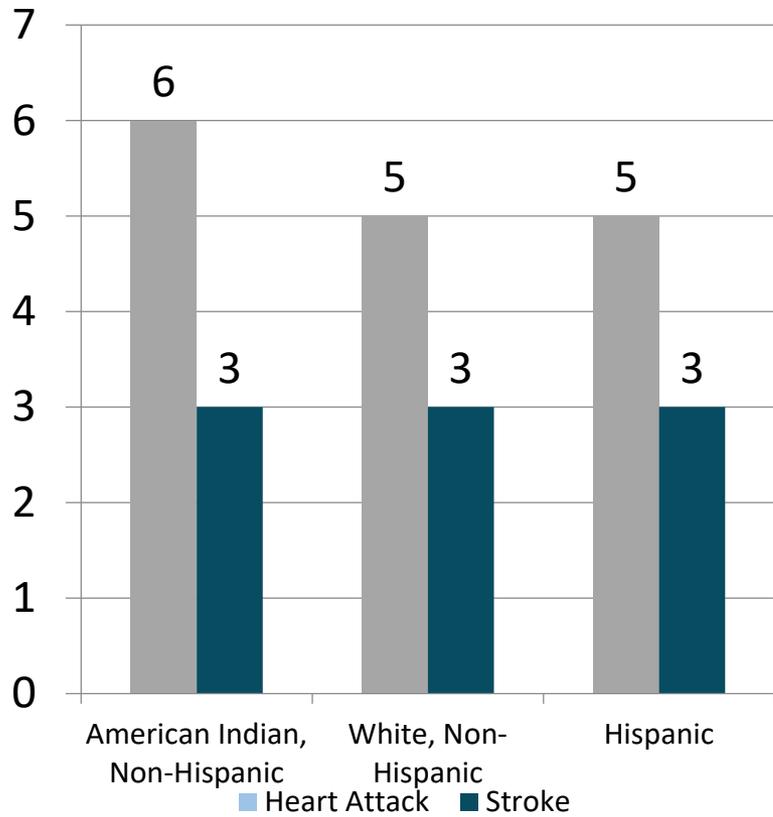
Objective 4.1
• Decrease Heart Attacks

Objective 4.2
• Decrease Strokes

Prevalence of Heart Attack | BRFFS 2018



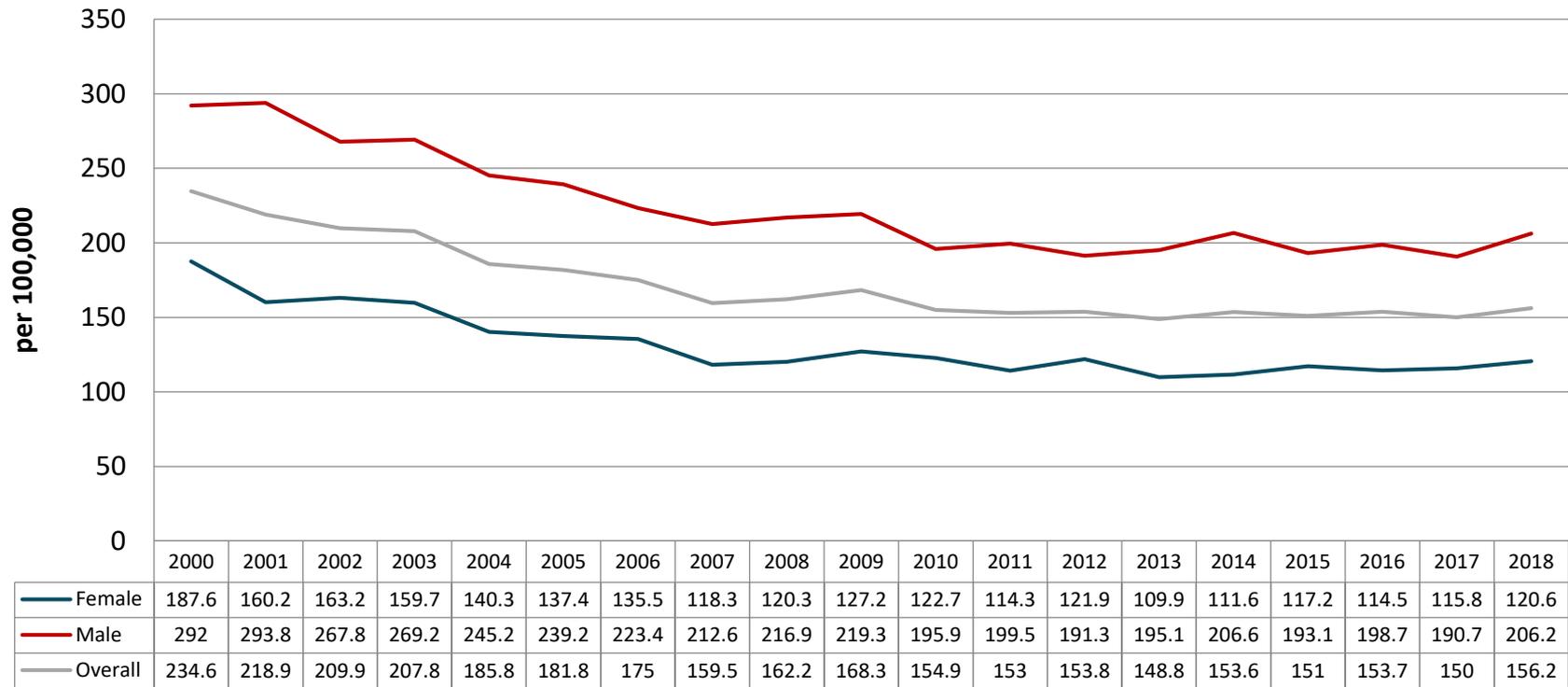
Prevalence by Selected Factors | 2014-2018



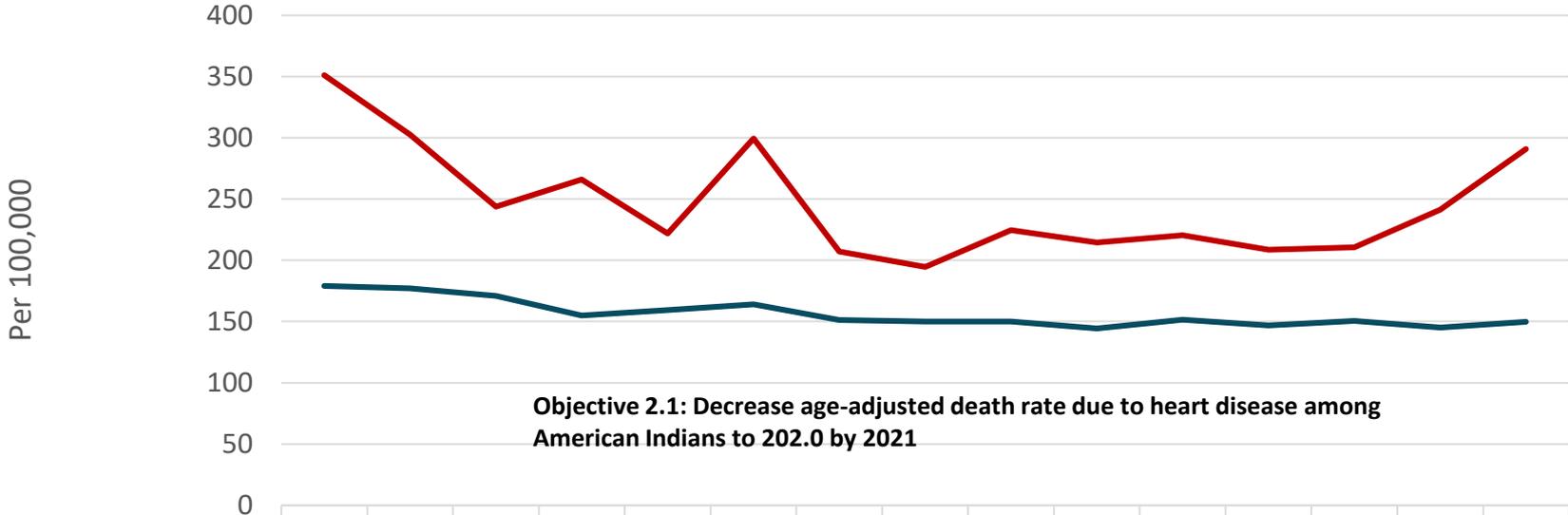


Cardiovascular Related Deaths

Age-adjusted Heart Disease Deaths by Gender SD | 2000-2018



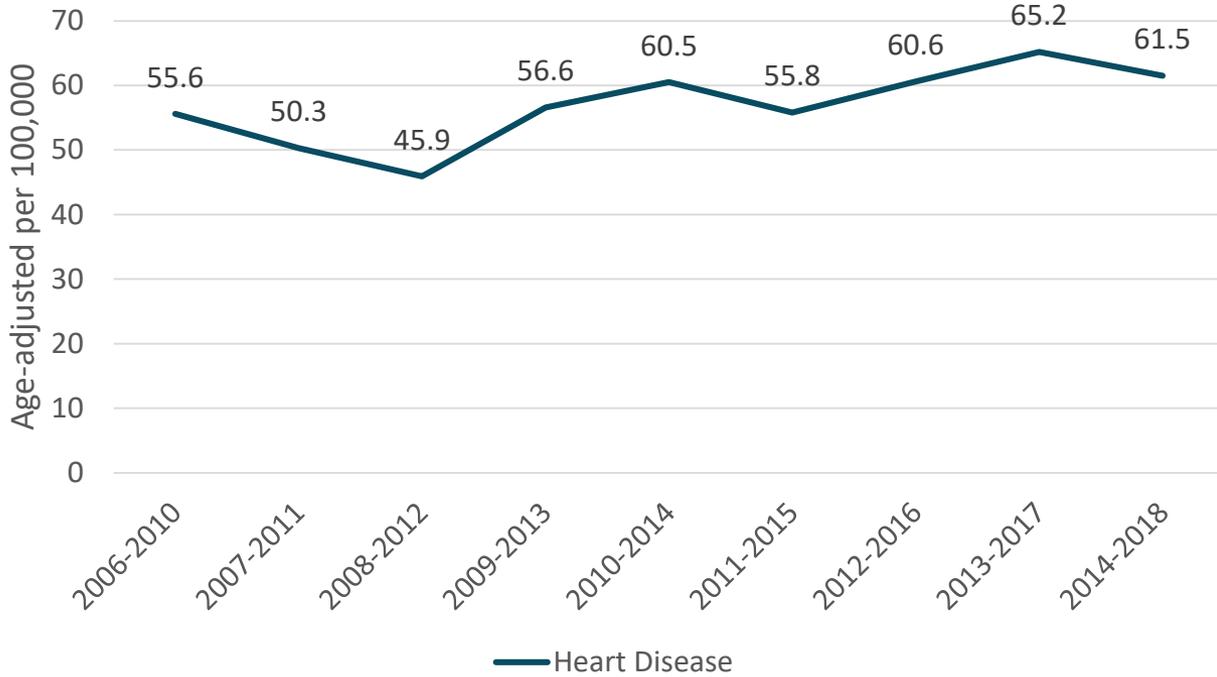
Age-adjusted Heart Disease Deaths by Race | 2004-2008



Objective 2.1: Decrease age-adjusted death rate due to heart disease among American Indians to 202.0 by 2021

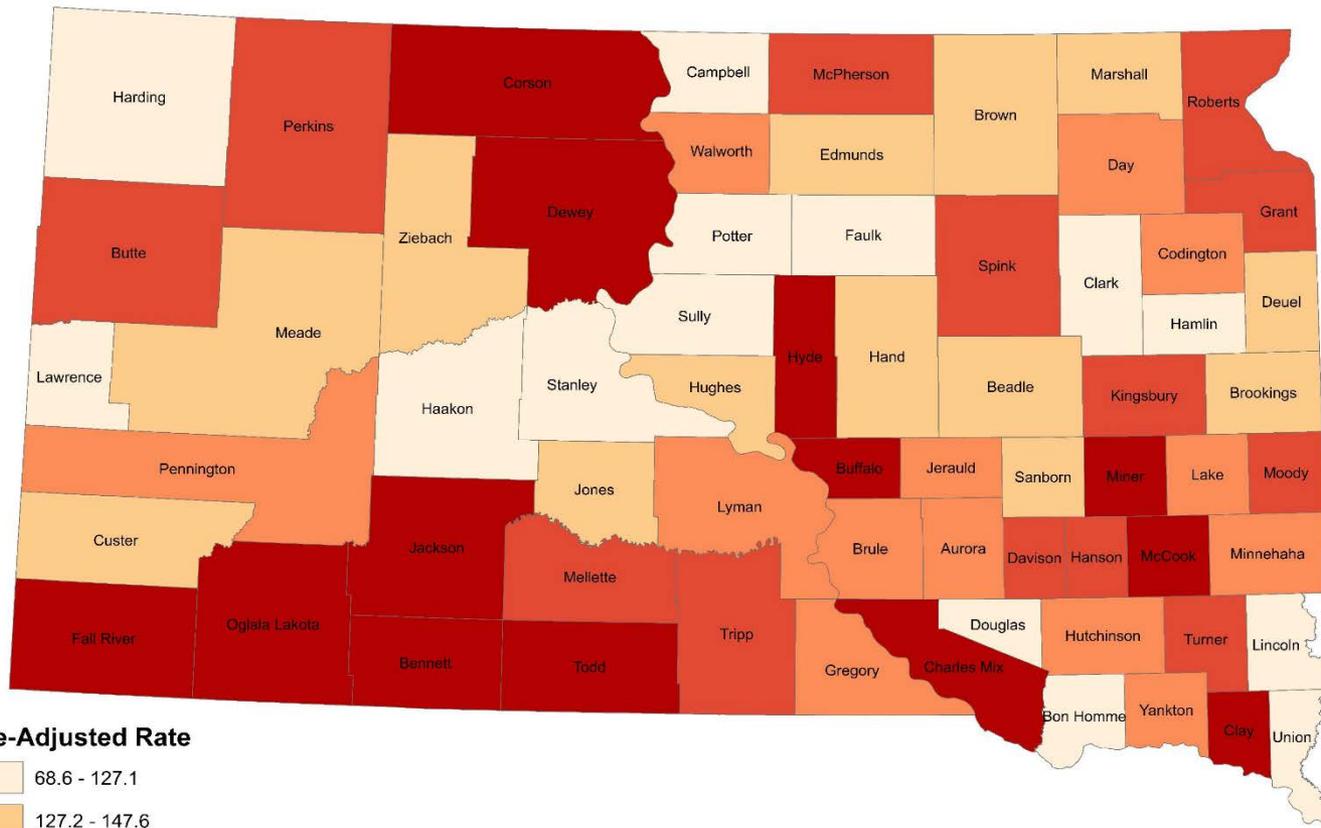
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
White	179.1	177.1	170.8	154.8	159.3	164	151.3	149.9	149.9	144.4	151.4	146.9	150.4	145.1	149.8
American Indian	351	302.6	243.8	265.9	221.9	299.5	207.2	194.6	224.7	214.4	220.4	208.5	210.6	241.4	290.9

Heart Disease Deaths Among Hispanic Population | 2004-2018

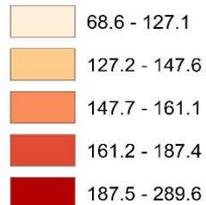


Year	Number of Deaths
2006-2010	23
2007-2011	21
2008-2012	20
2009-2013	27
2010-2014	31
2011-2015	33
2012-2016	40
2013-2017	45
2014-2018	46

Age-adjusted Heart Disease Deaths by County SD | 2014-2018

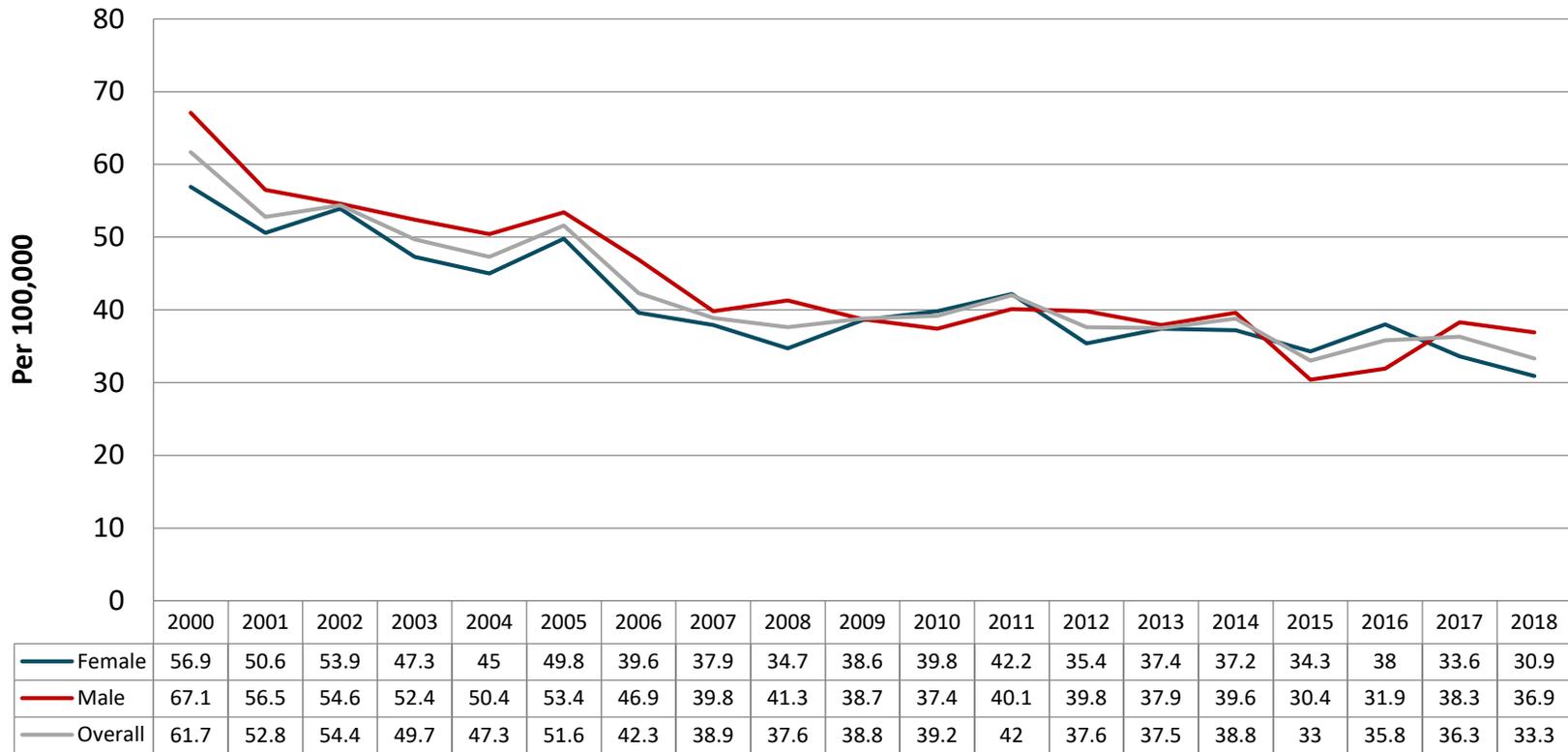


Age-Adjusted Rate

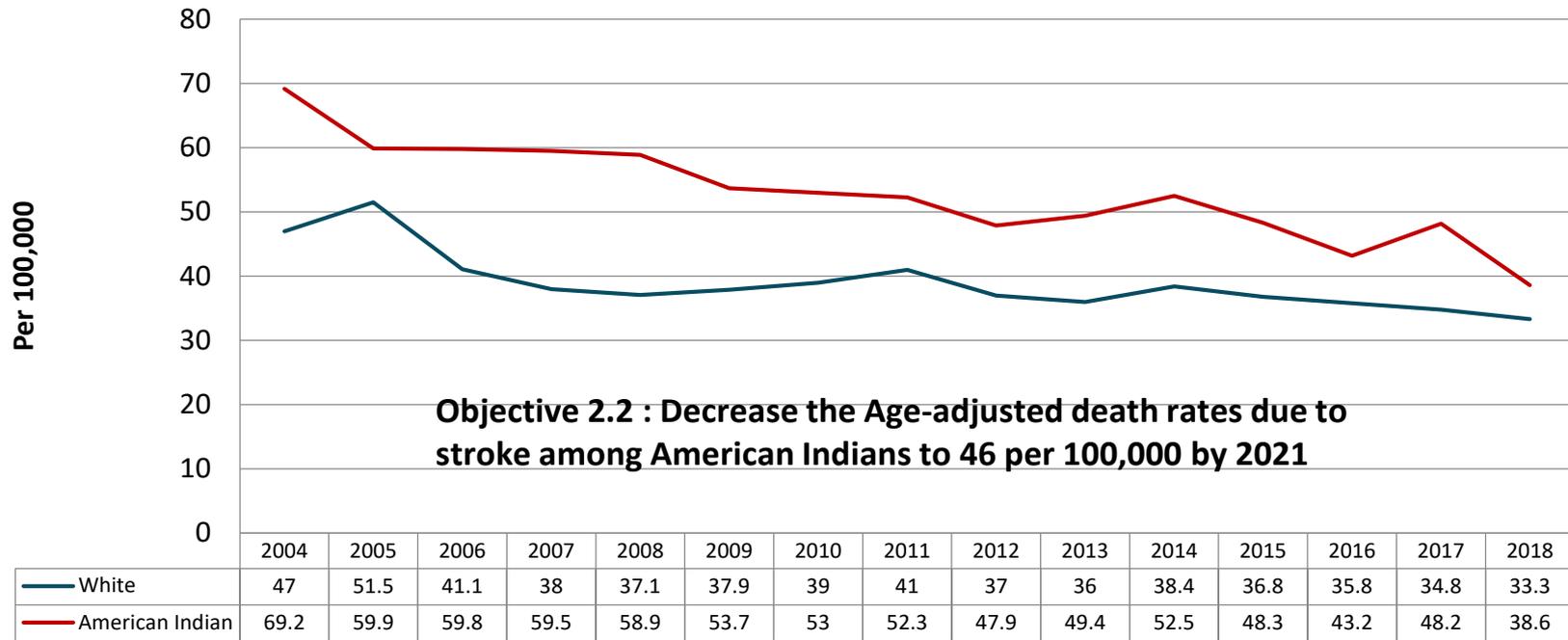


Source: South Dakota Department of Health. Office of Vital Records. August, 2020

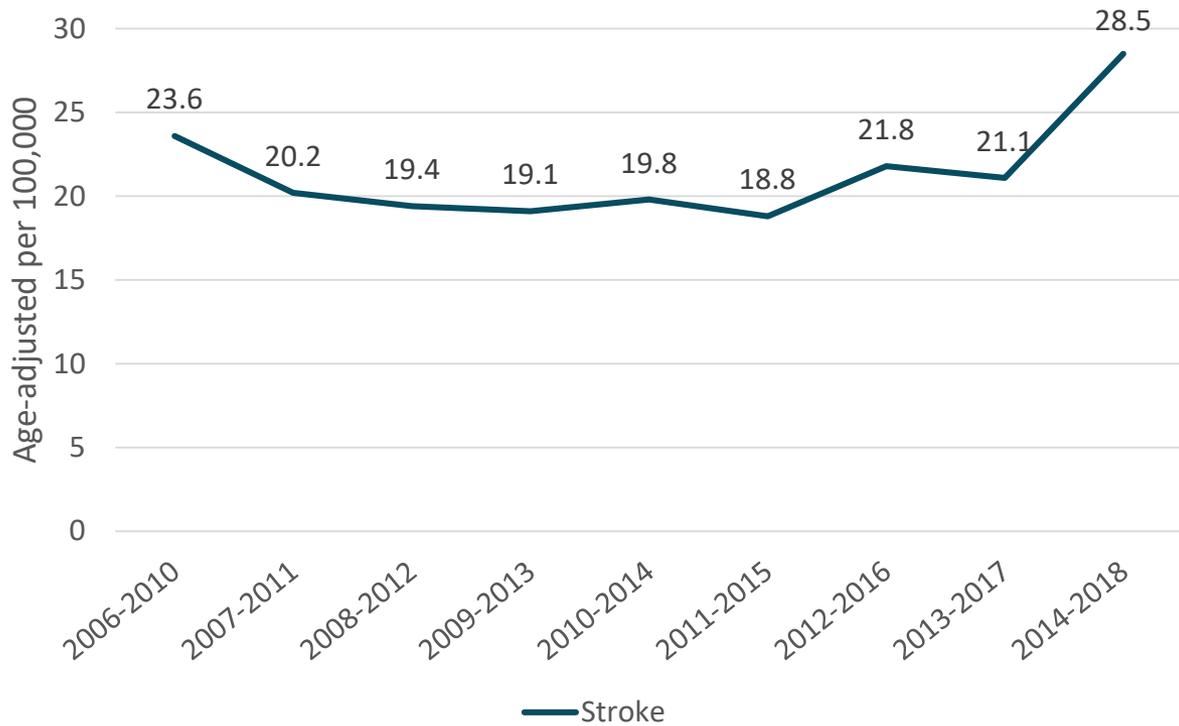
Age-adjusted Stroke Deaths by Gender | 2000-2018



Age-adjusted Stroke Deaths by Race | 2004-2018

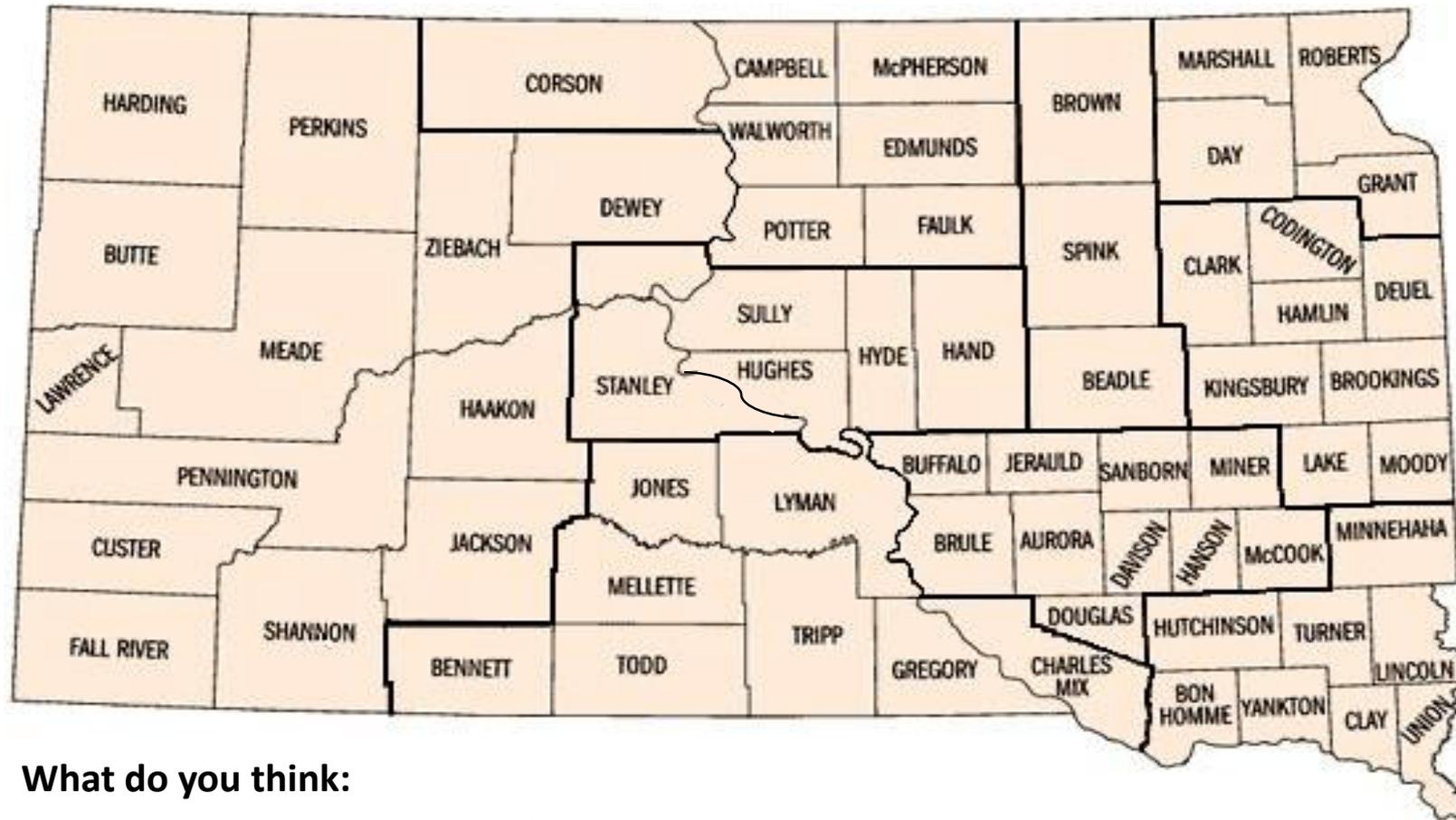


Stroke Deaths Among Hispanic Population | 2004-2018



Year	Number of Deaths
2006-2010	7
2007-2011	7
2008-2012	8
2009-2013	9
2010-2014	10
2011-2015	11
2012-2016	14
2013-2017	13
2014-2018	17

Age-adjusted Death Rates by County | 2013-2017



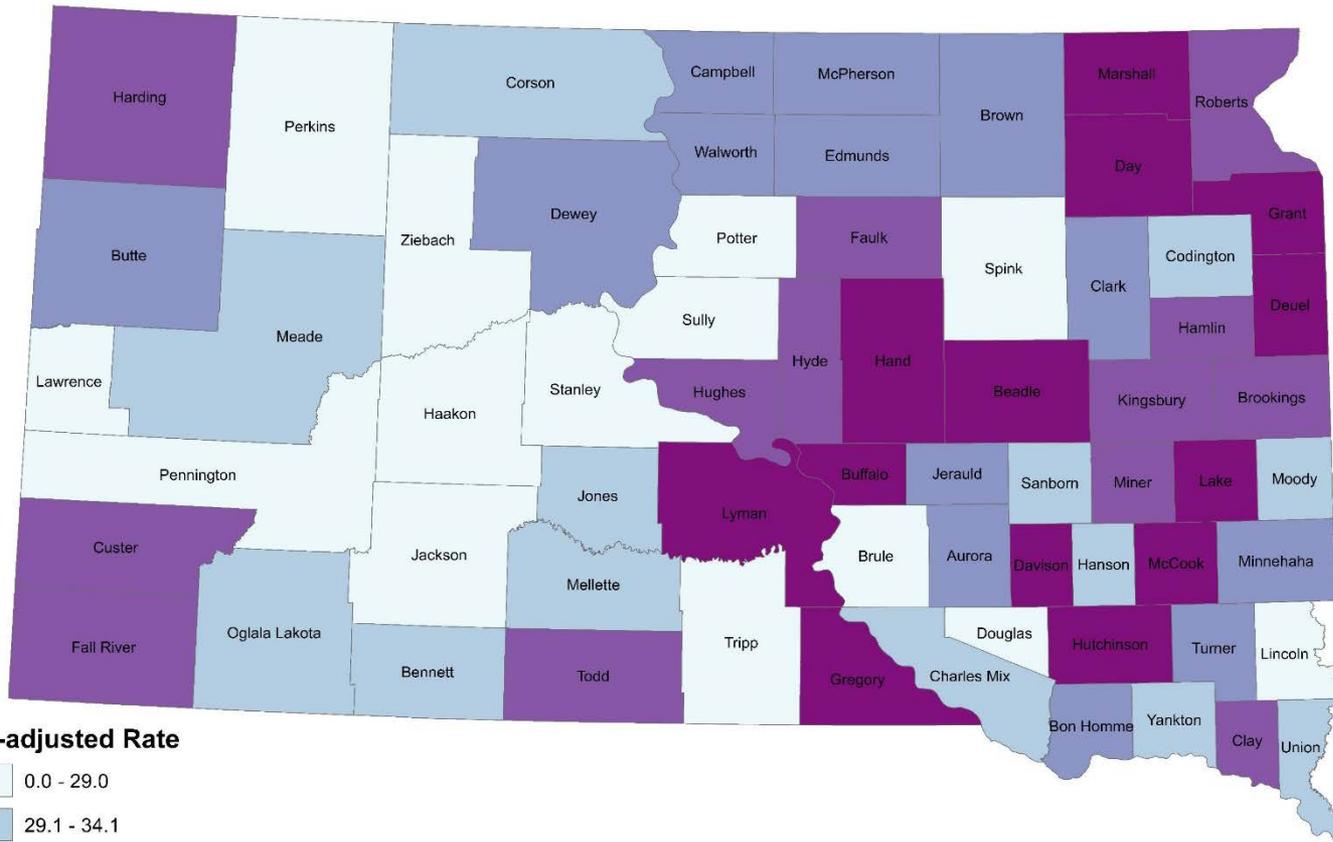
What do you think:

Which county has the highest/lowest rate of stroke deaths?

✗ Highest Rate

★ Lowest Rate

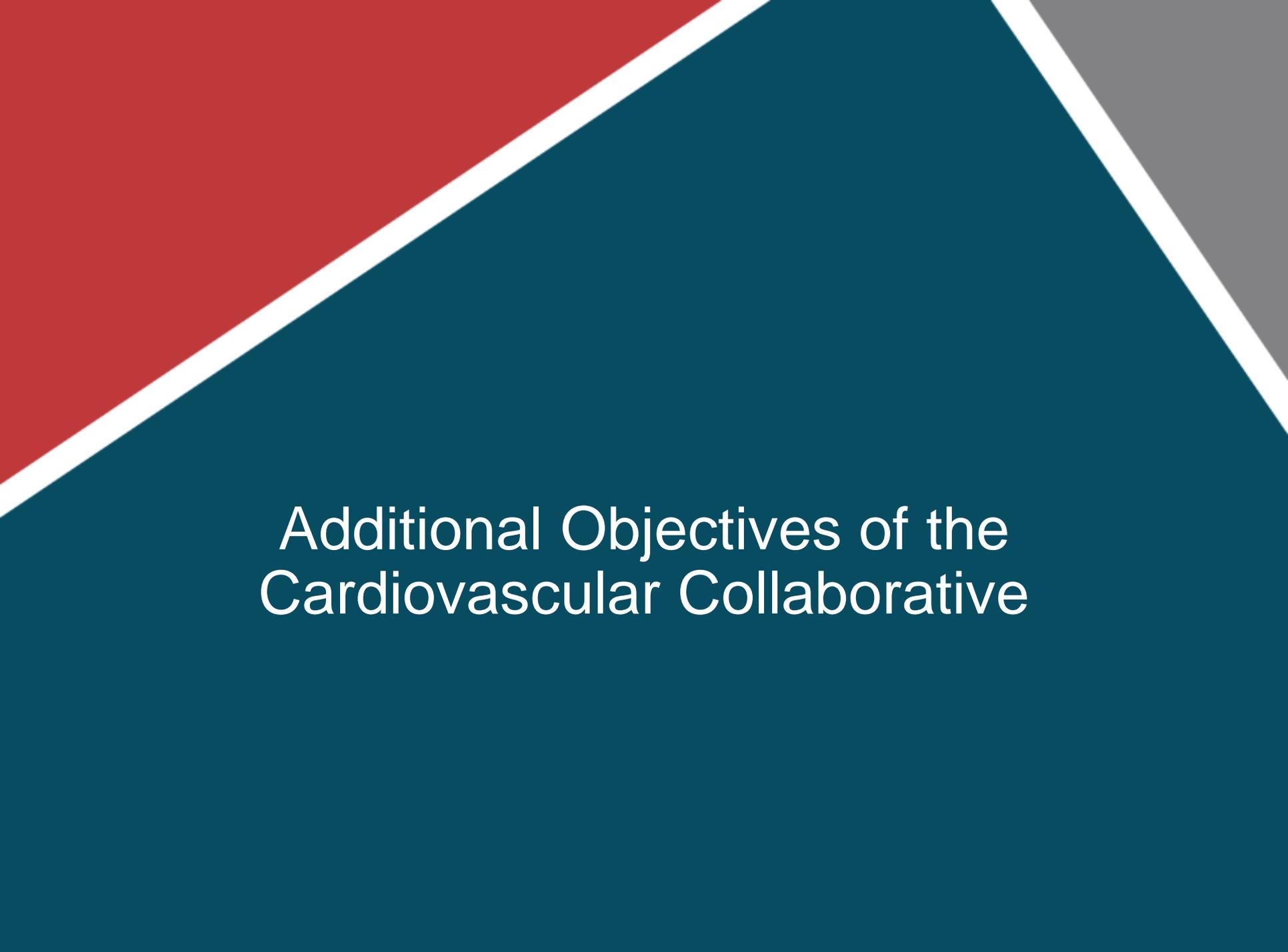
Age-adjusted Death Rates by County | 2014-2018



Age-adjusted Rate

- 0.0 - 29.0
- 29.1 - 34.1
- 34.2 - 38.4
- 38.5 - 45.3
- 45.4 - 57.3

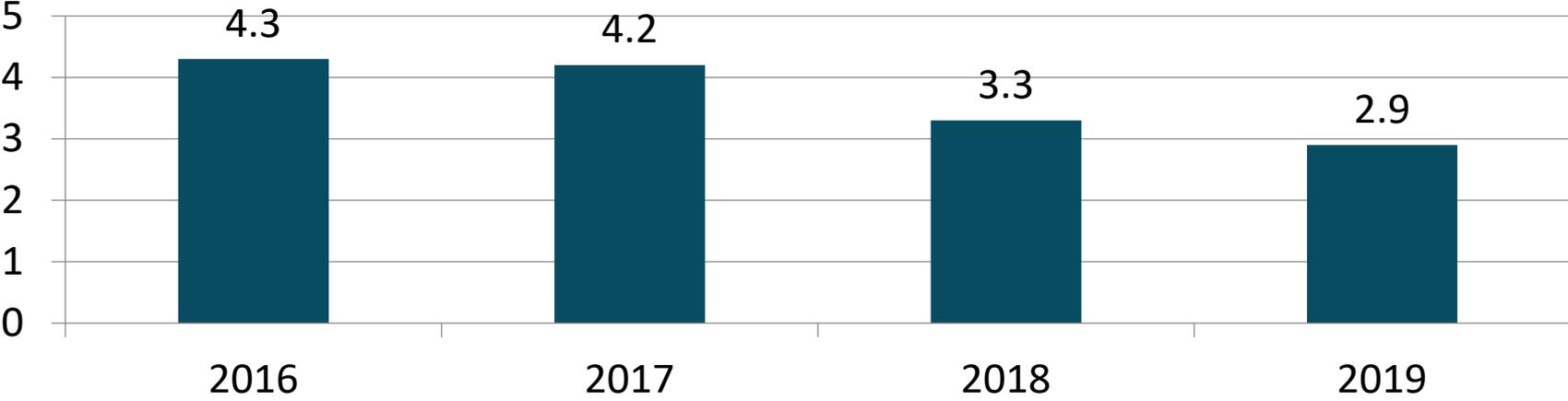
Source: South Dakota Department of Health, Office of Vital Statistics, August, 2020



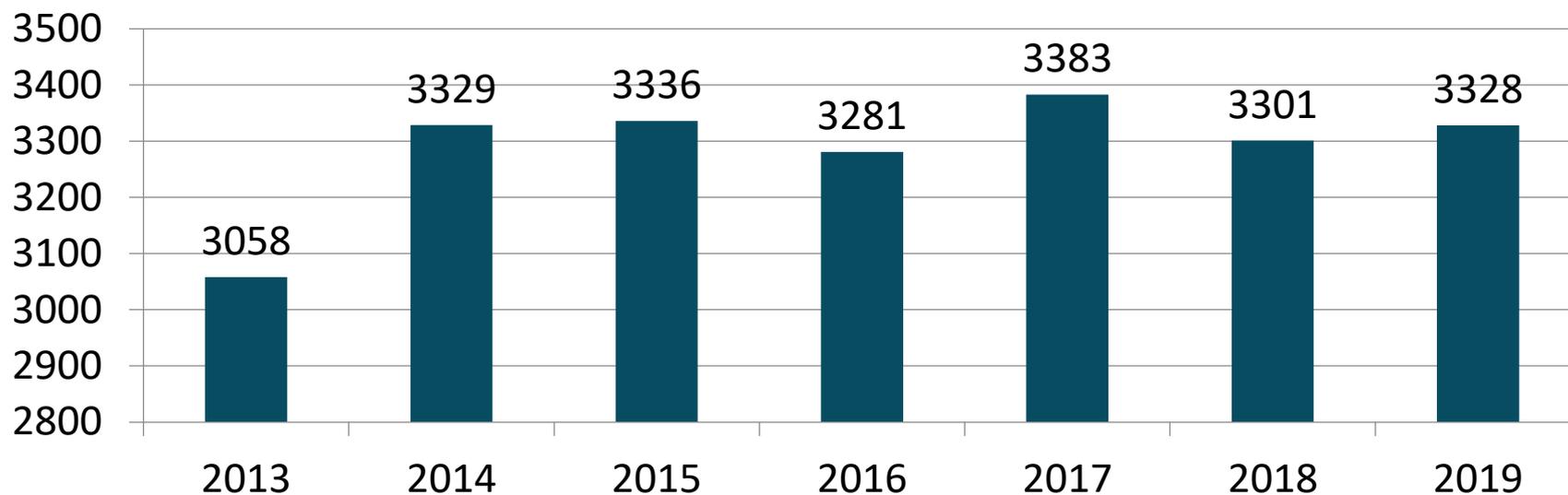
Additional Objectives of the Cardiovascular Collaborative

Objective 3.1: Decrease Emergency Response Time

Response Times



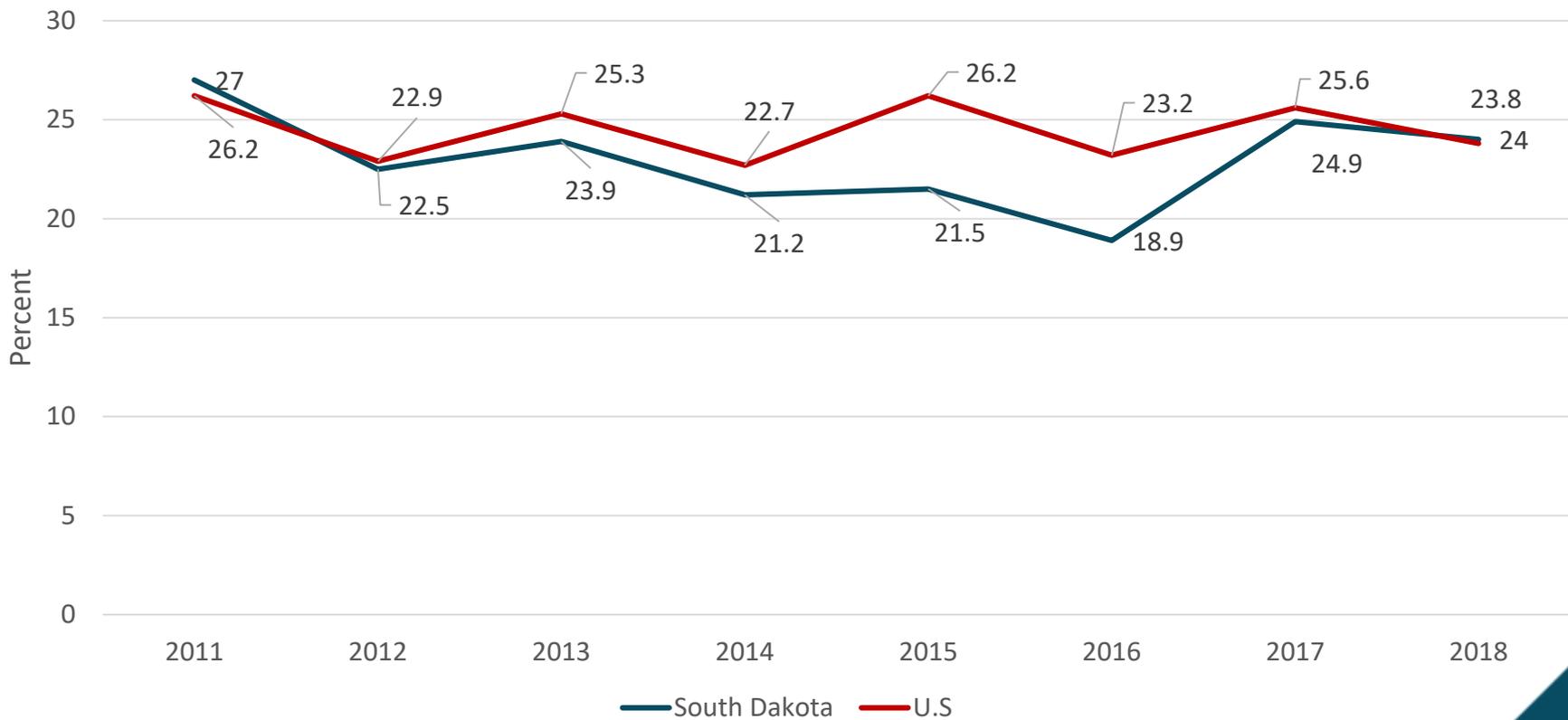
Objective 3.2: Increase Number of EMTs





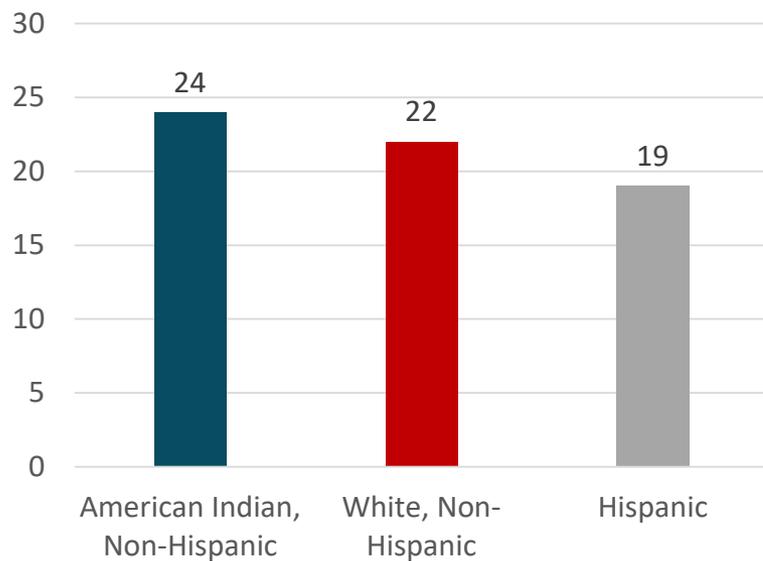
Risk Factors

Physical Inactivity in the US and SD | 2011-2018

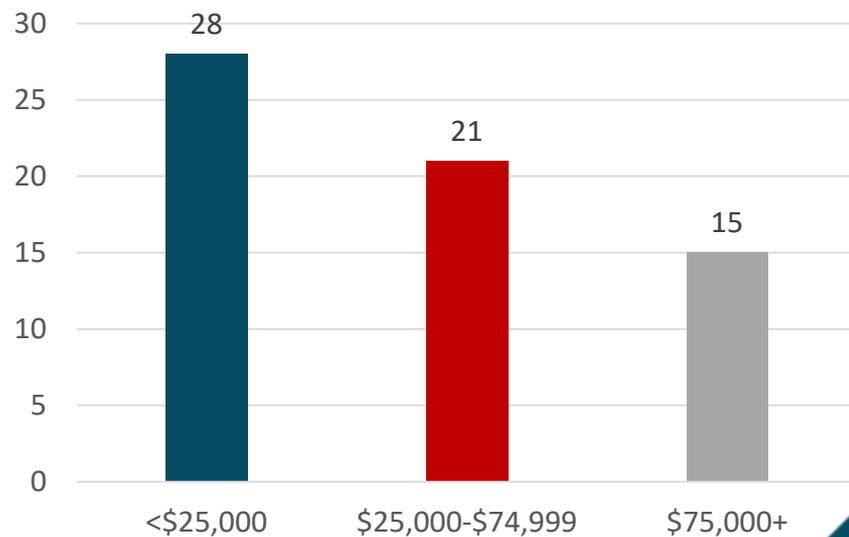


Physical Inactivity Among Adults in SD | 2014-2018

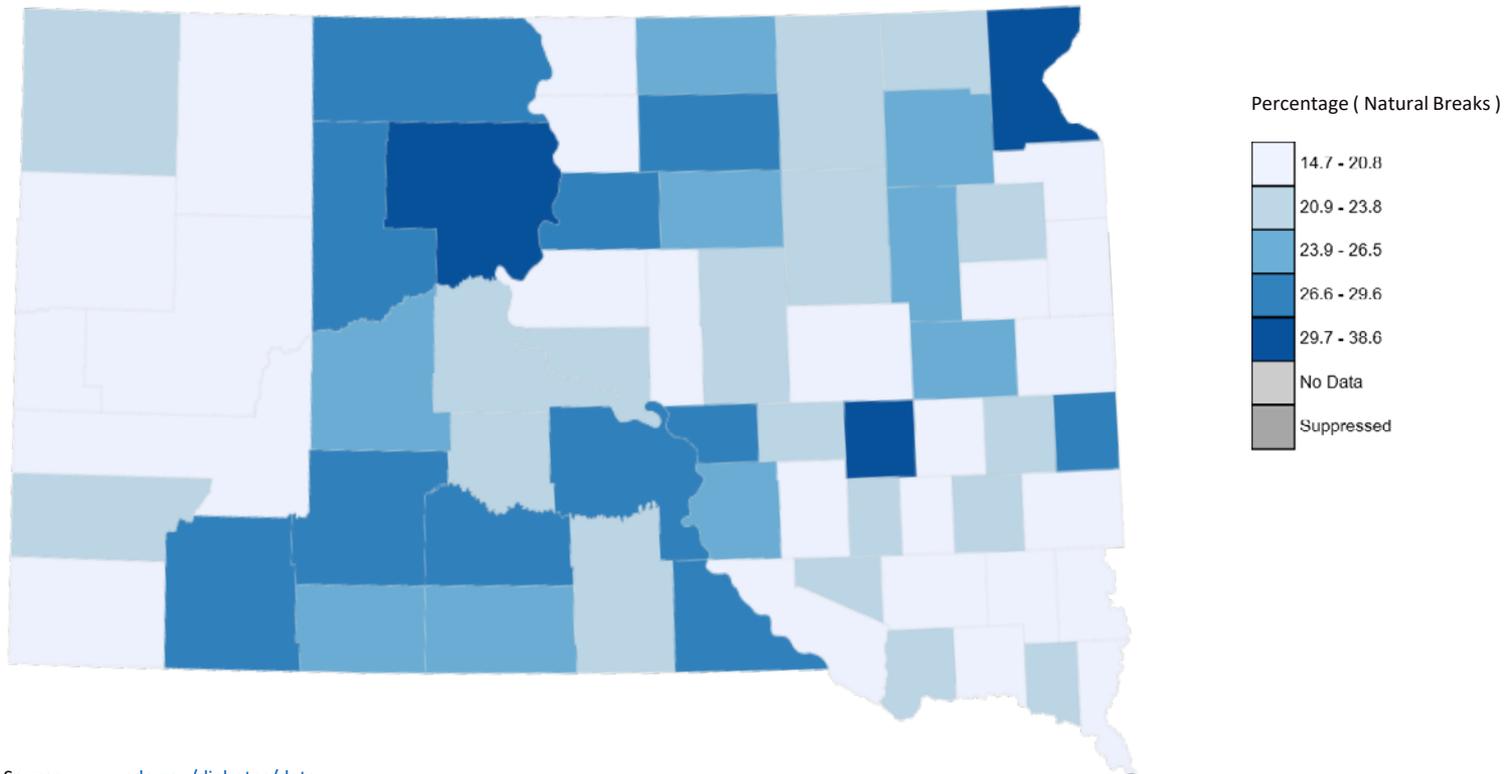
Race/Ethnicity



Income



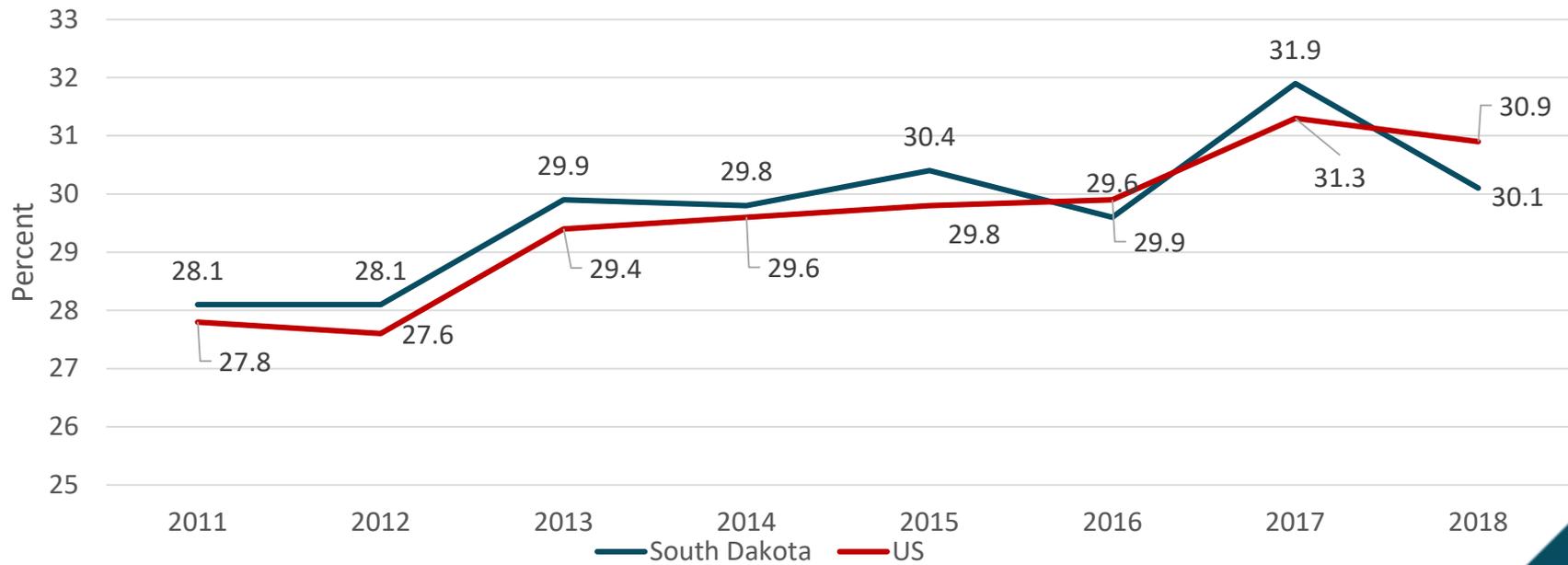
Physical Inactivity, Adults Aged 20+ Years Age-adjusted Percentage SD | 2017



Source: www.cdc.gov/diabetes/data

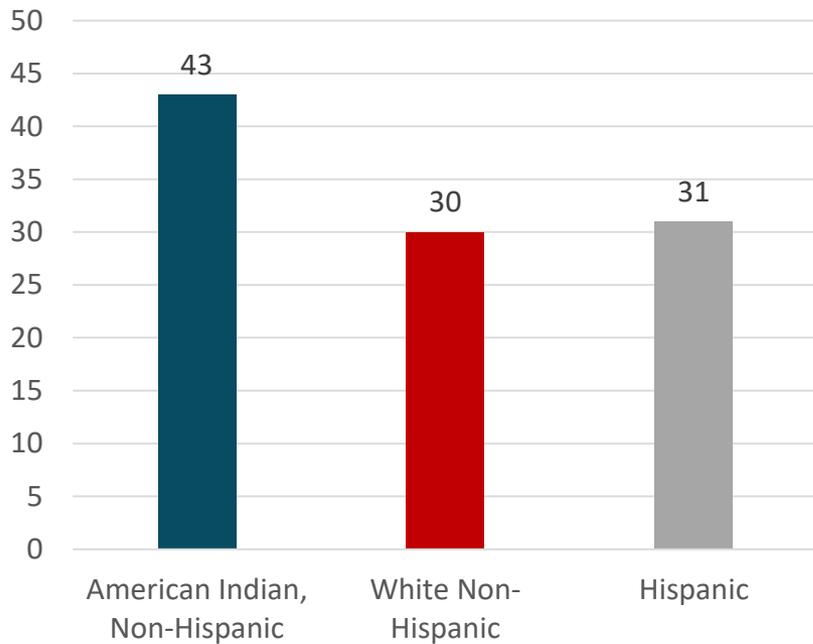
Disclaimer: This is a user-generated report. The findings and conclusions are those of the user and do not necessarily represent the views of the CDC National Center for Chronic Disease Prevention and Health Promotion
Division of Diabetes Translation

Obesity in the US and SD | 2011-2018

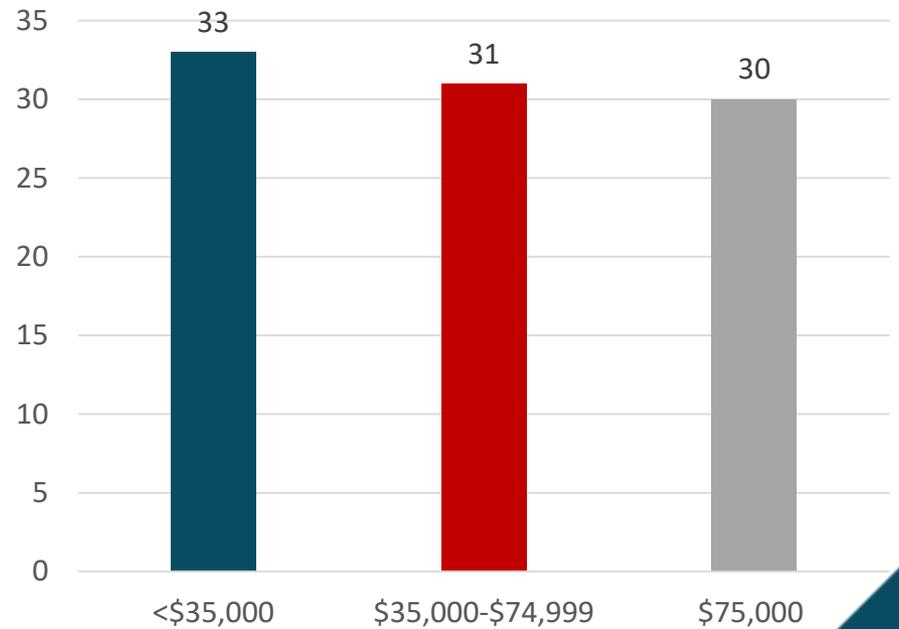


Obesity Among Adults in SD | 2014-2018

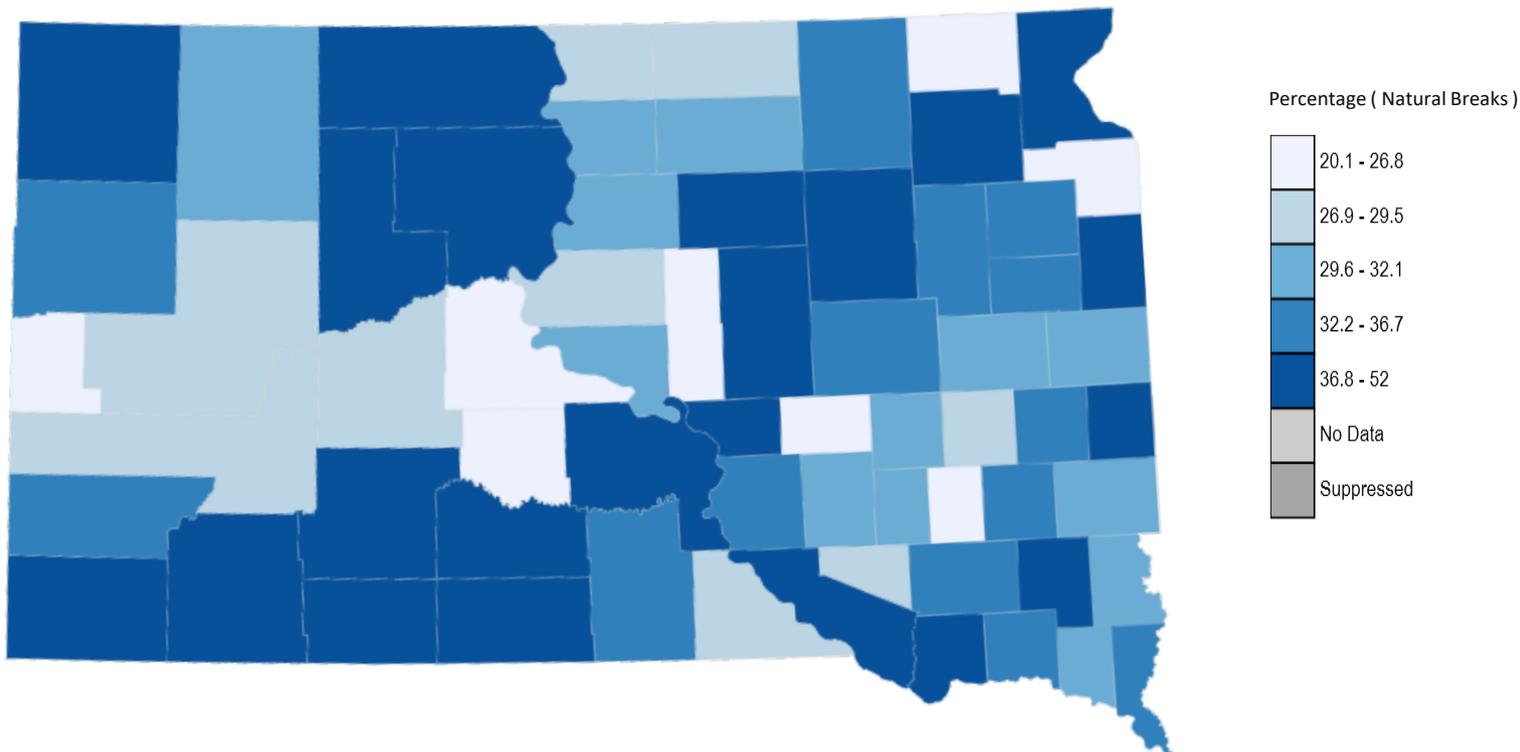
Race



Income



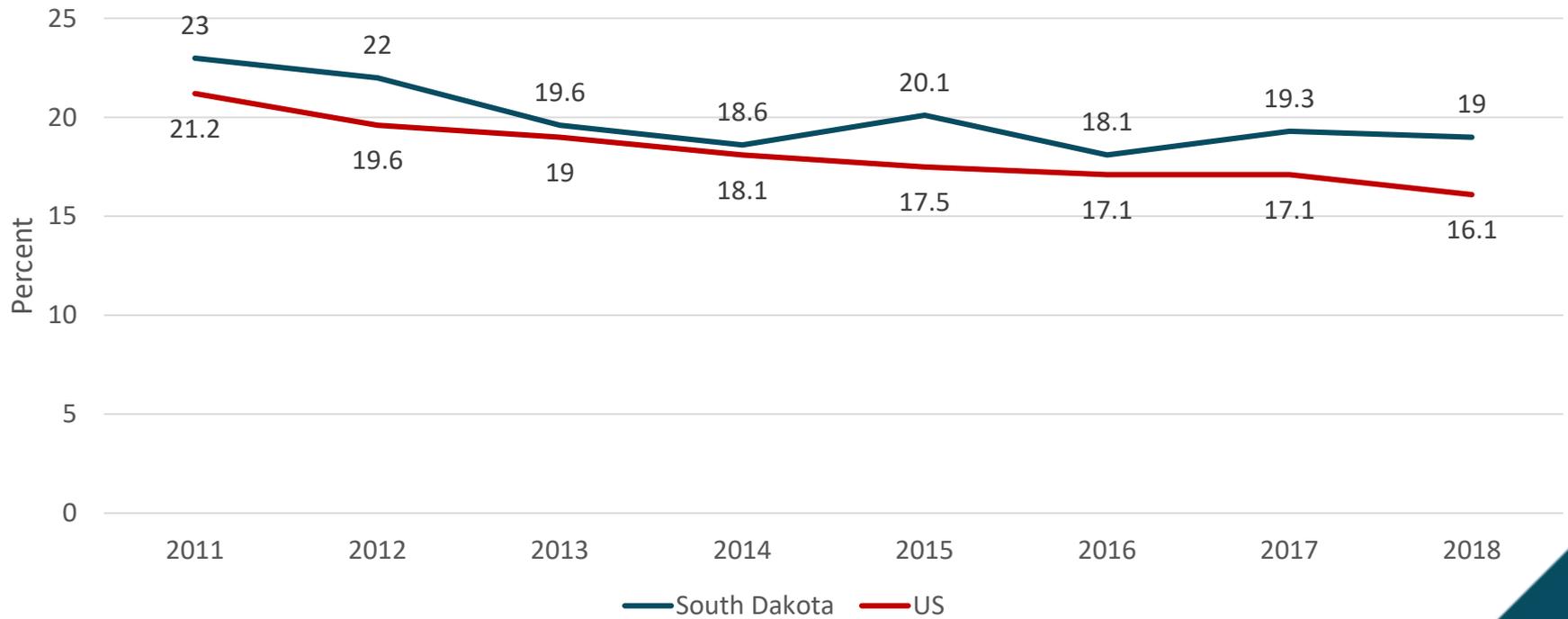
Obesity, Total, Adults Aged 20+ years, Age-adjusted Percentage SD | 2017



Source: www.cdc.gov/diabetes/data

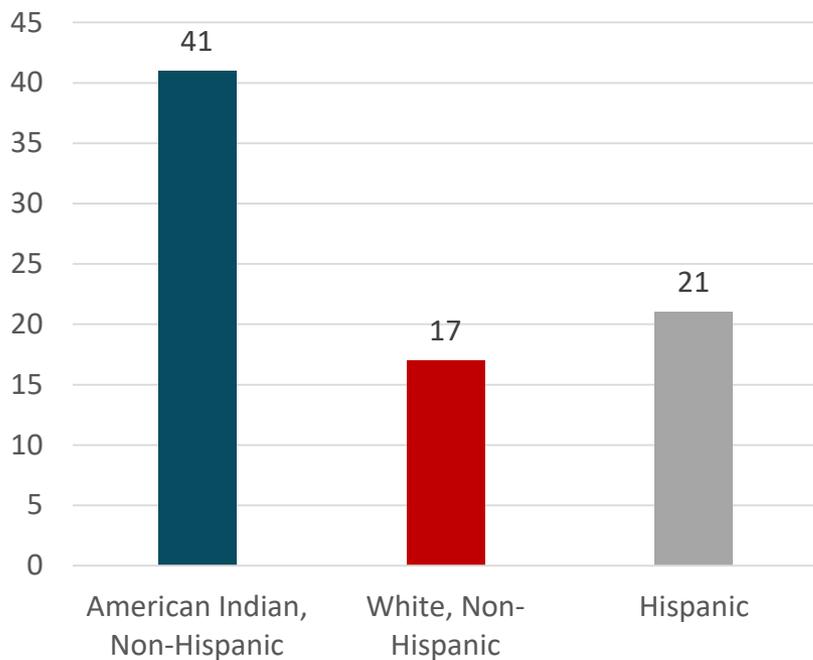
Disclaimer: This is a user-generated report. The findings and conclusions are those of the user and do not necessarily represent the views of the CDC National Center for Chronic Disease Prevention and Health Promotion Division of Diabetes Translation

Adult Smoking in the US and SD

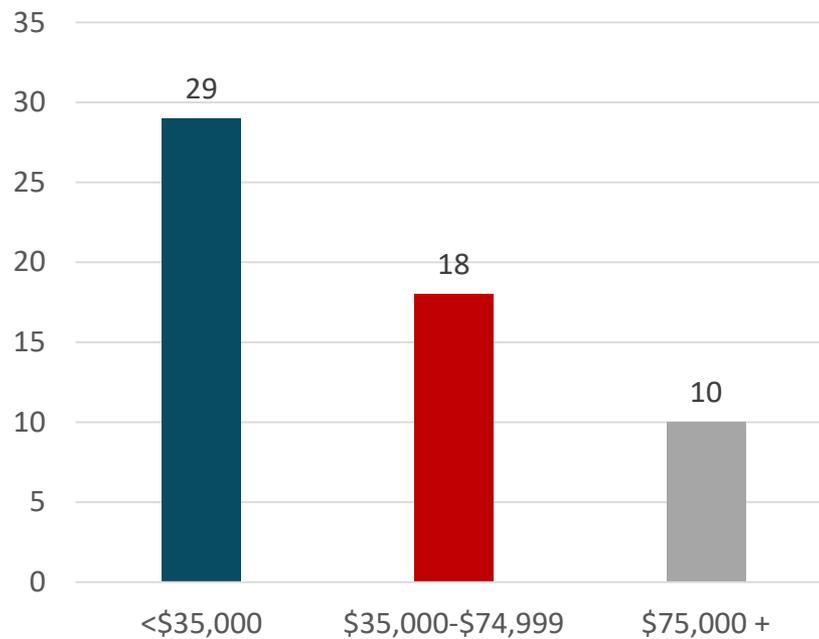


Smoking Among Adults in SD | 2014-2018

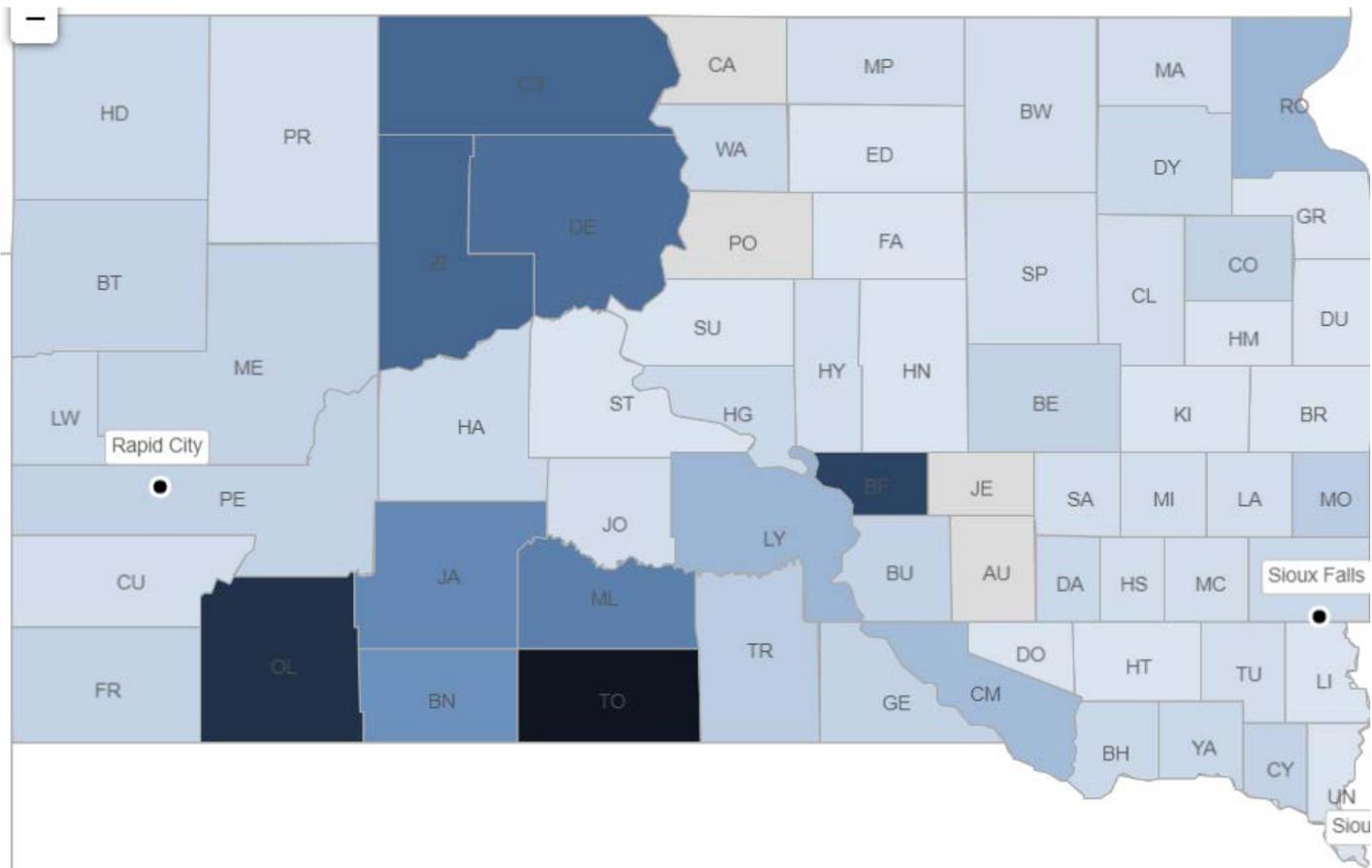
Race



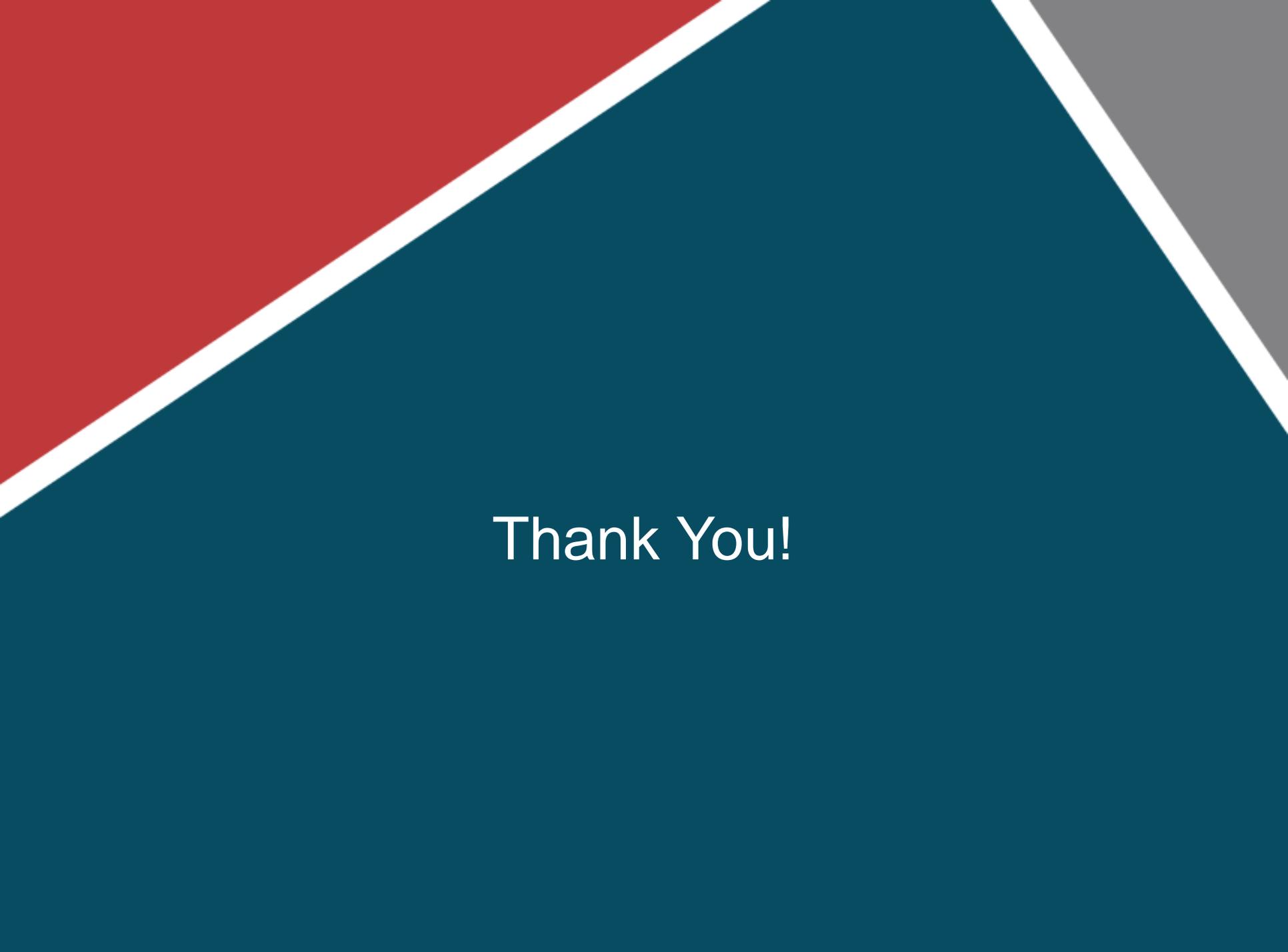
Income



Adult Smoking Rates by County | 2017



BEST WORST MISSING



Thank You!



Data Driven Missions

Breakout Groups

Goal Area 2

Kiley	Hump
Larissa	Skjonsberg
Betty	Crandall
Stacie	Fredenburg
Kayla	Magee
Kathy	Jedlicka
Kathi	Mueller
Lori	Oster
Taylor	Sandberg
Carley	Swanson
Shannon	Udy
Joshua	Ohrtman
Ben	Tiensvold
JoLind	Houselog
Mandi	Stegenga
Lori	Dumke
Ashley	Miller
Peggy	Goos

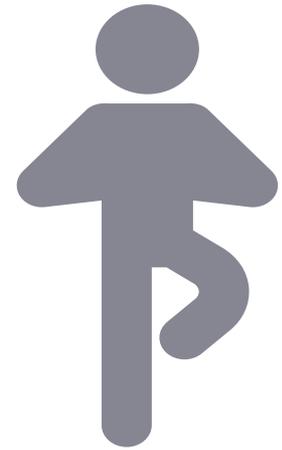
Goal Area 3

Mark	East
Rachel	Sehr
Madonna	Dolphus
Amanda	Ferguson
Emily	Roth
Lynn	Thomas
Maynard	Konechne
Theresa	Newcomb
Tom	Stys
Jacki	Holmes
Amanda	Jans
Lindsey	Karlson
Scott	Christensen
Trisha	Flemmer
Misty	Rudebusch

Goal Area 4

Chrissy	Meyer
Mary	Michaels
Leah	Le
Paula	Mazourek
Rebecca	Piroutek
Morgan	Vander Zee
Jennifer	Williams
Leanne	Kopfmann
Jake	Kleinschmidt
Kathy	Needham
Colette	Weatherstone
Kevin	Atkins
Kristen	Blunt
Siera	Johnson
April	Hieb

Take a Break!



What's Next?

1

Session 1
Sep. 2nd



2

Session 2
Sep. 9th



3

**Prioritization
Survey**
Sep. 10th-16th

4

**Goal Area
Group Meeting**
Sep.16th - Oct. 2nd

