



**ADVERSE CHILDHOOD
EXPERIENCES**

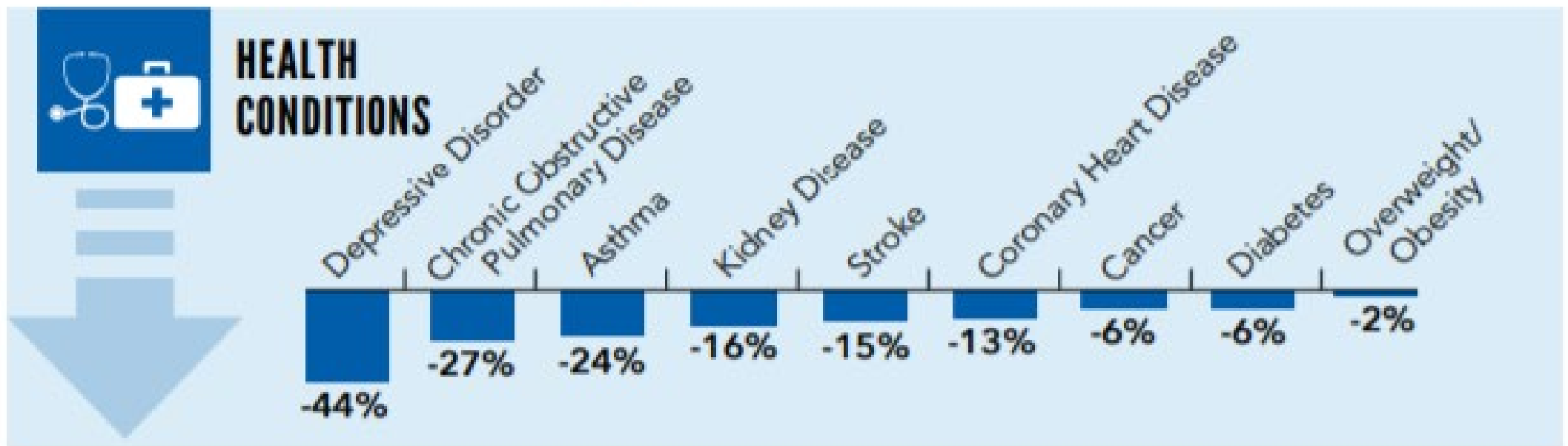
ADVERSE CHILDHOOD EXPERIENCES (ACES)

- Potentially traumatic experiences that occur in childhood (age 0-17)
- Linked to chronic health problems, mental illness, and substance misuse in adulthood
- Also potentially education and job opportunities negatively

ADVERSE CHILDHOOD EXPERIENCES

- Preventing ACES could reduce a large number of health conditions:

Potential reduction of negative outcomes in adulthood



- SOURCE: National Estimates based on 2017 BRFSS; Vital Signs, MMWR November 2019.
- Source: BRFSS 2015-2017, CDC Vital Signs, November 2019

ACE QUESTIONS

ACE CATEGORIES

- 3 different categories of ACE questions

- Abuse

- Emotional Abuse
 - Physical Abuse
 - Sexual Abuse

- Neglect

- Emotional
 - Physical

- Household Challenges

- Intimate Partner Violence
 - Substance abuse in the household
 - Mental Illness in the household
 - Parental separation or divorce
 - Incarcerated household member

ACE QUESTIONS

1. Did you live with anyone who was depressed, mentally ill, or suicidal?
2. Did you live with anyone who was a problem drinker or alcoholic?
3. Did you live with anyone who used illegal street drugs or who abused prescription medications?
4. Did you live with anyone who served time or was sentenced to serve time in prison, jail, or other correctional facility?

- Question 1-4 responses:
 - Yes
 - No
 - DK/NS
 - Refused

5. Were your parents separated or divorced?

- Question 5 responses:
 - Yes
 - No
 - Parents not married
 - DK/NS
 - Refused

ACE QUESTIONS

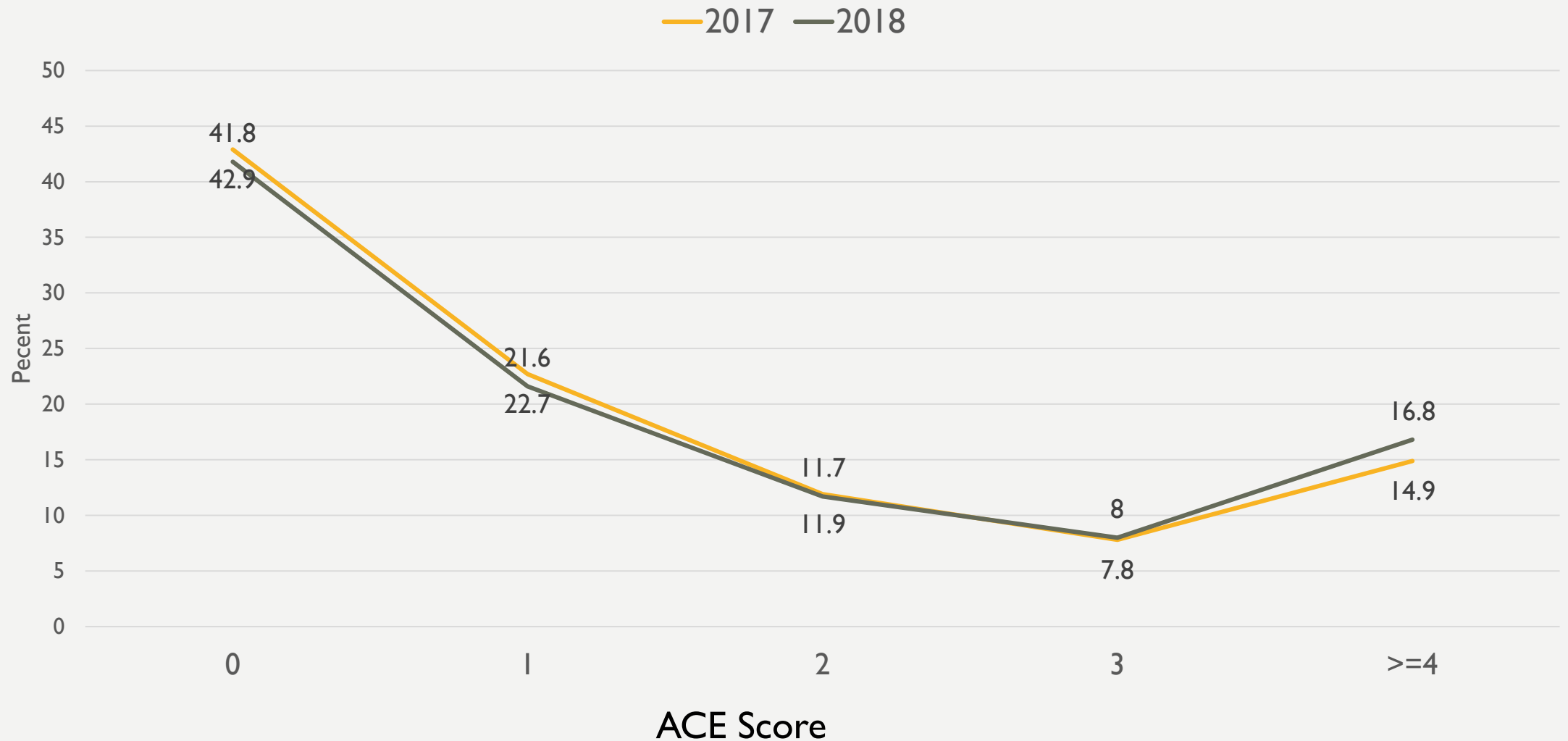
- 6. How often did your parents/adults in the home ever slap, hit, kick , punch or beat each other up?
- 7. Before age 18, how often did a parent or adult in your home ever hit, beat, kick, or physically hurt you in anyway?
- 8. How often did a parent of adult in your home ever swear at you, insult you , or put you down?
- 9. How often did anyone at least 5 years older than you or an adult ever touch you sexually?
- 10. How often did anyone at least 5 years older than you or an adult try to make you touch sexually?
- 11. How often did anyone at least 5 years older than you or an adult, force you to have sex?

- Question 6-11 Responses:
 - Never
 - Once
 - More than once
 - DK/NS
 - Refused

ACES IN SOUTH DAKOTA ADULTS

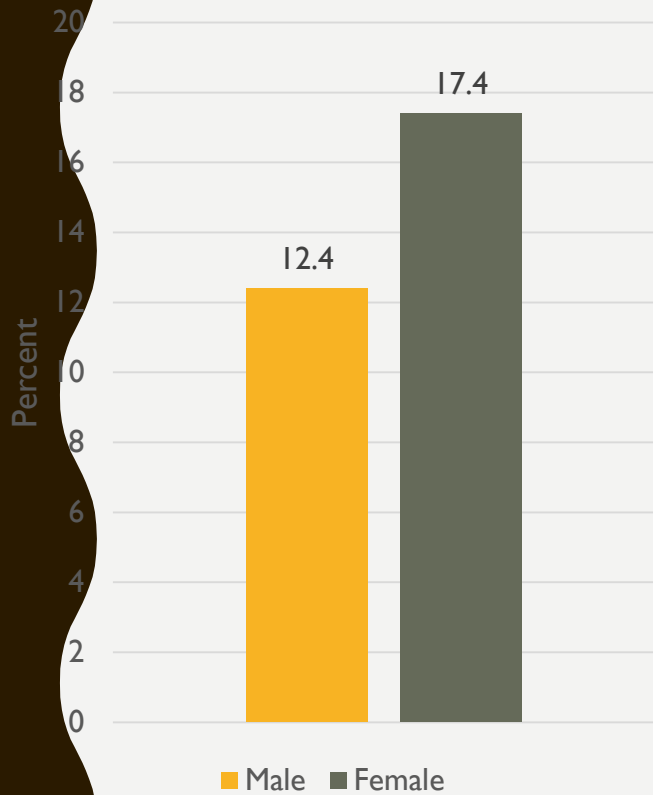
BRFSS 2017 AND 2018

ACE SCORES , BRFSS 2017 & 2018

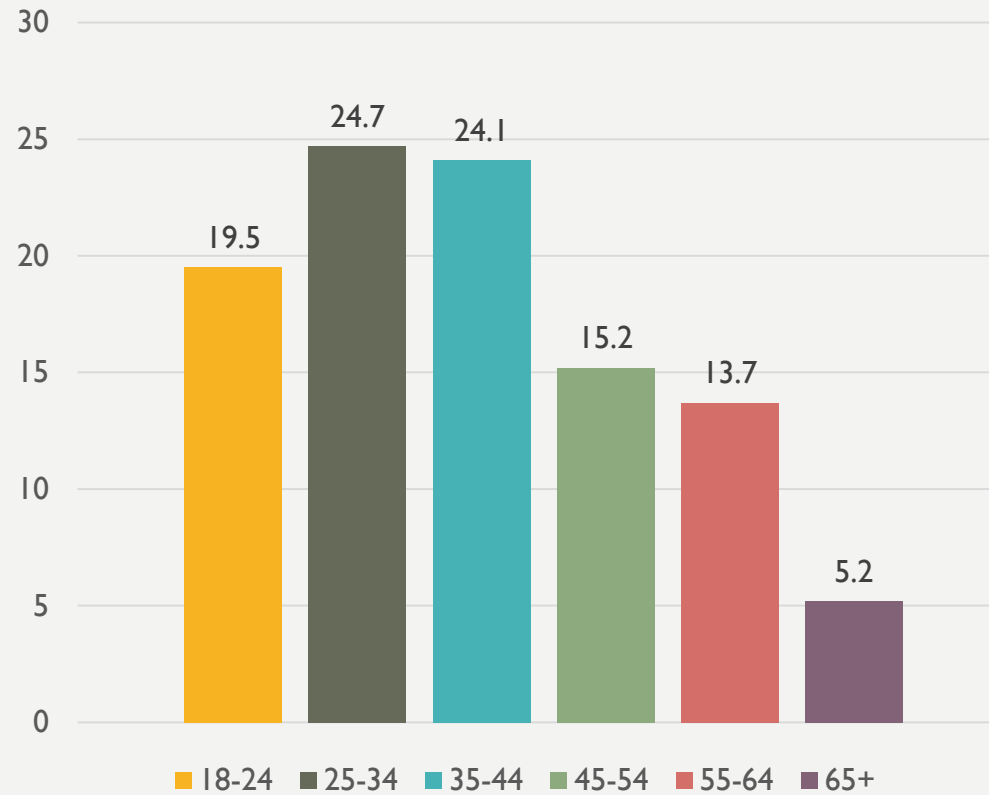


DEMOGRAPHICS OF THOSE WITH AN ACE SCORE OF FOUR OR MORE

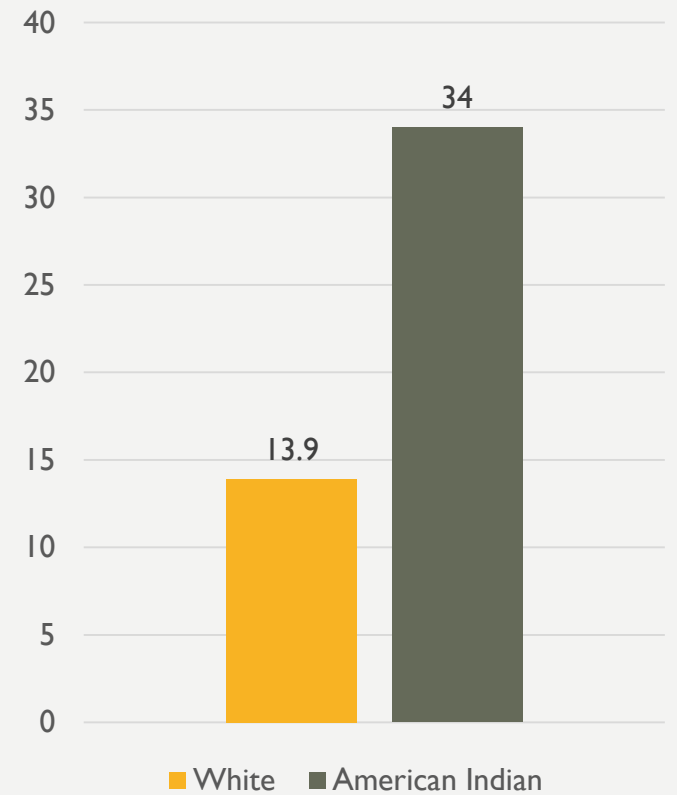
Gender



Age

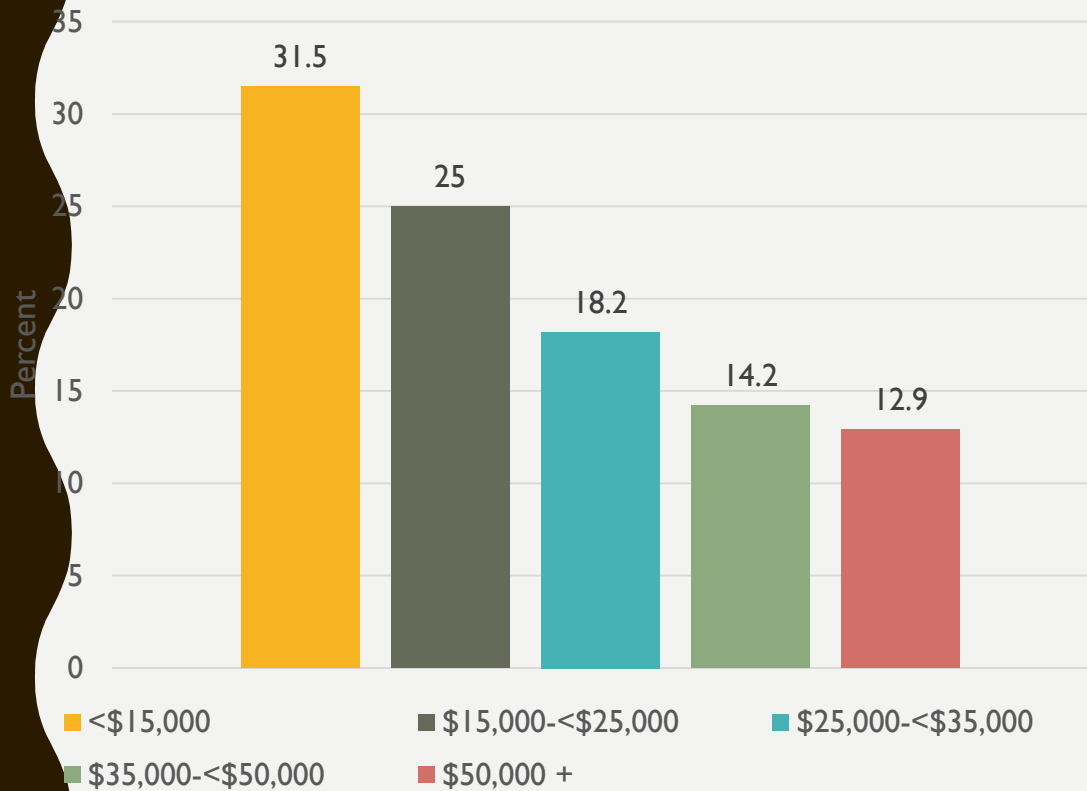


Race

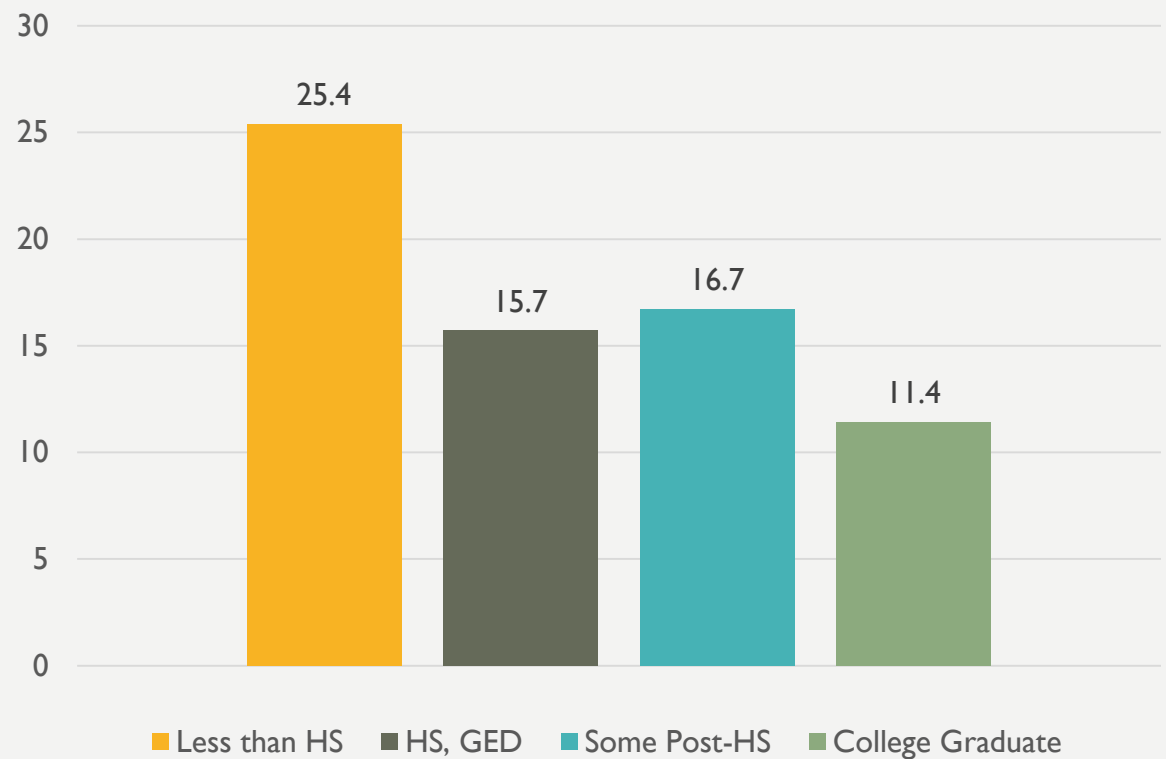


DEMOGRAPHICS OF THOSE WITH AN ACE SCORE OF FOUR OR MORE

Income



Education

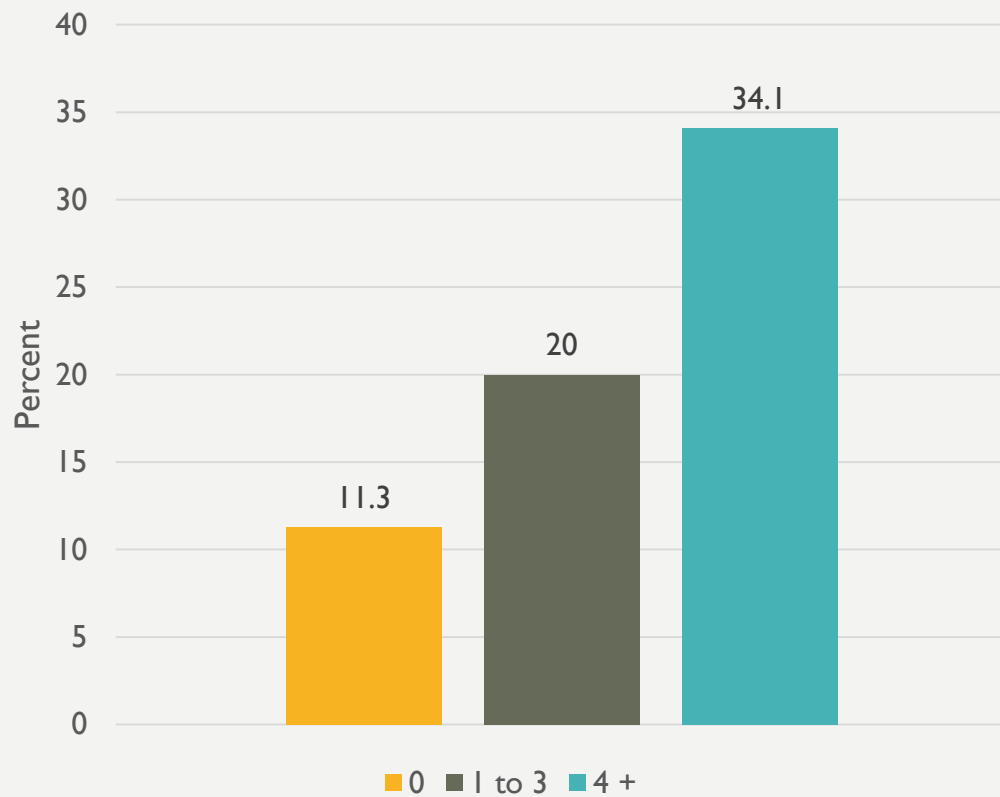




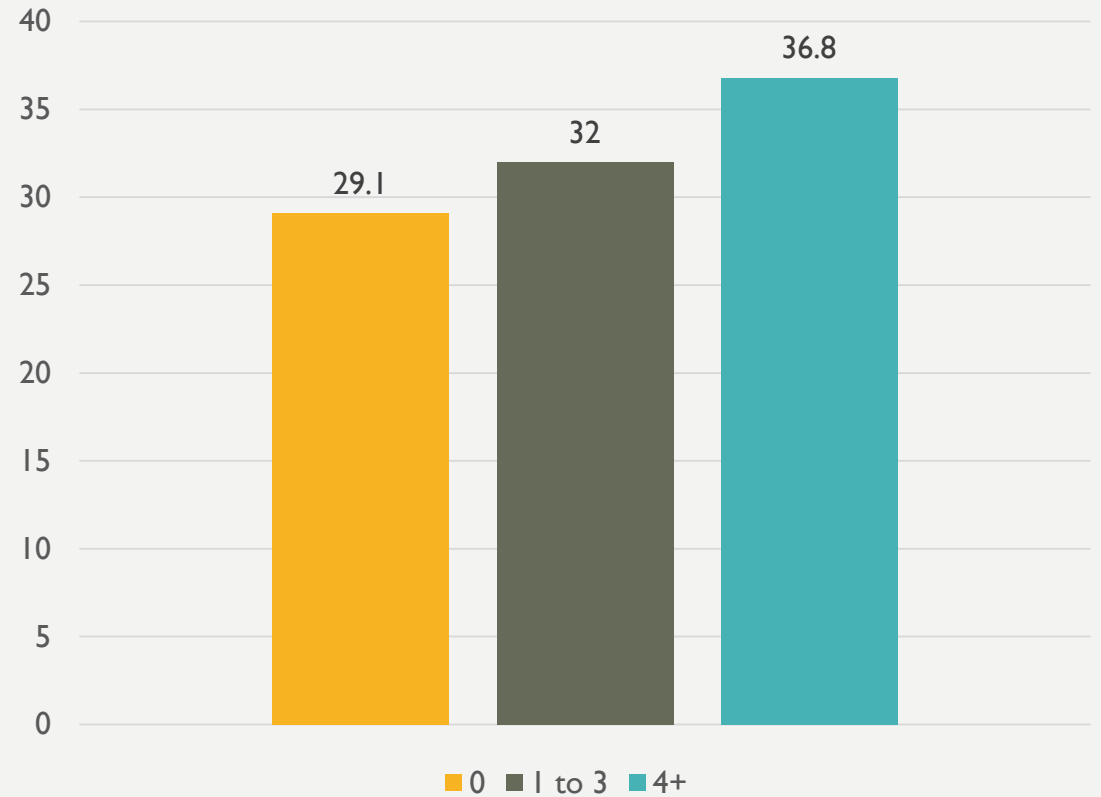
**HEALTH RISK
FACTORS**

PREVALENCE OF SELECTED HEALTH RISK FACTORS BY ACE SCORE GROUP

Current Smoking

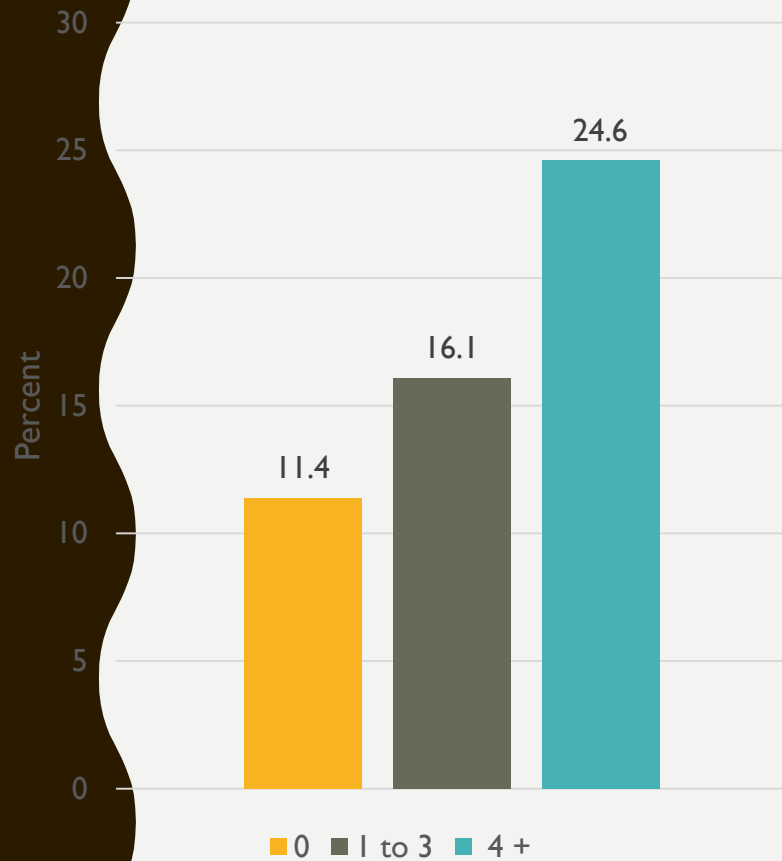


Obesity

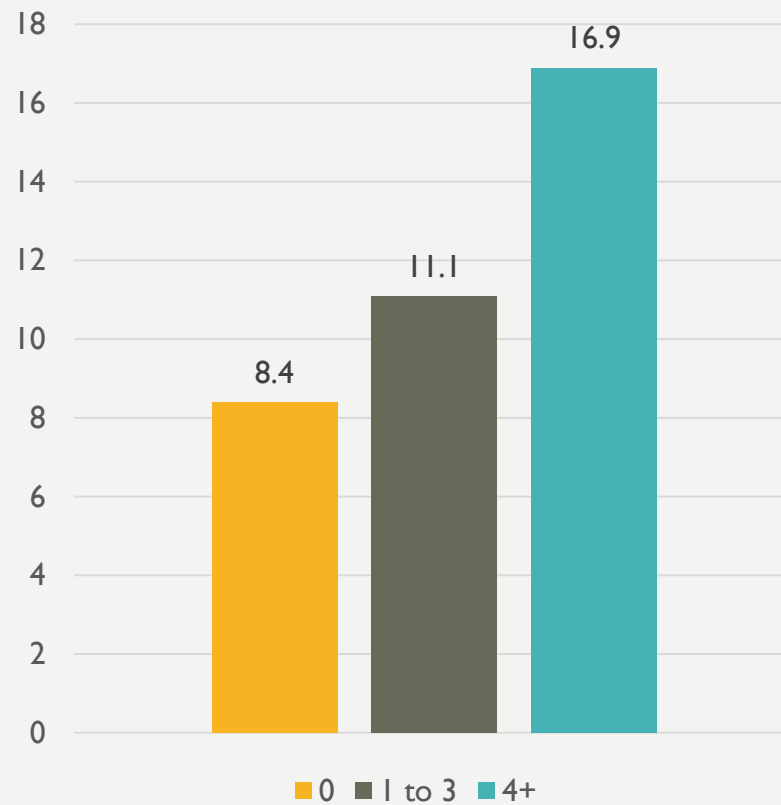


PREVALENCE OF SELECTED HEALTH RISK FACTORS BY ACE SCORE GROUP

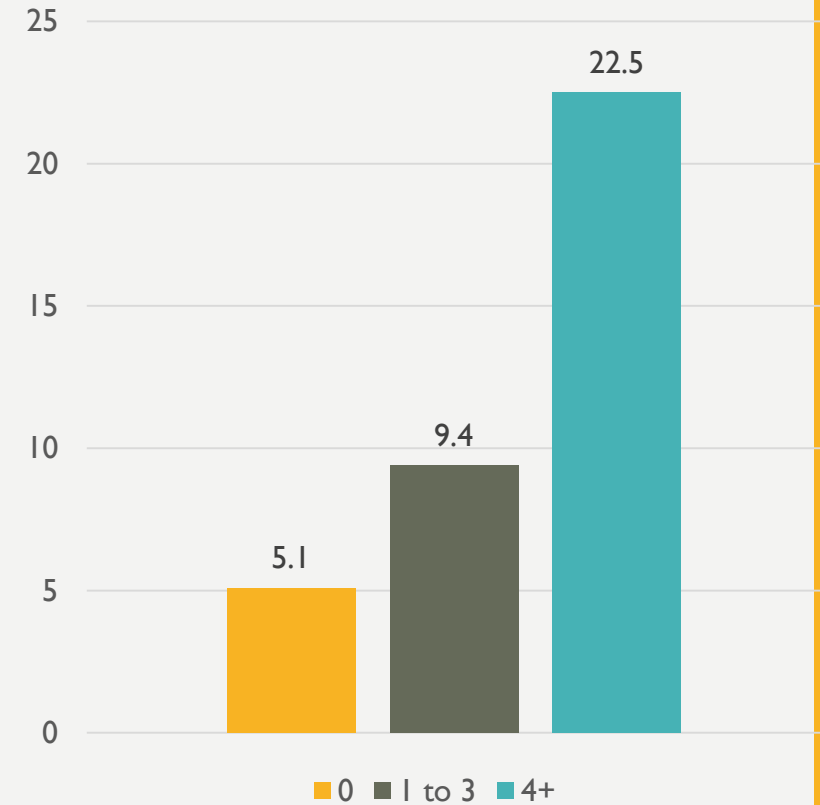
Poor/fair general health



14+ days of poor physical health



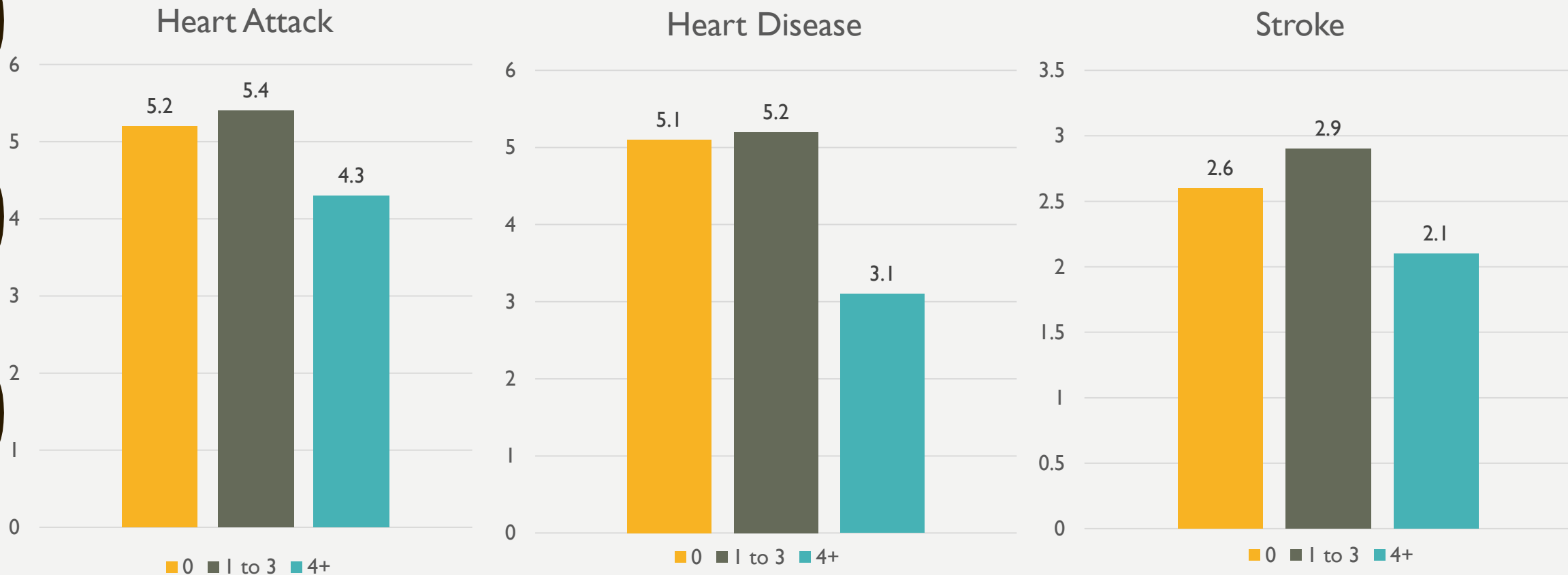
14+ days of poor mental health





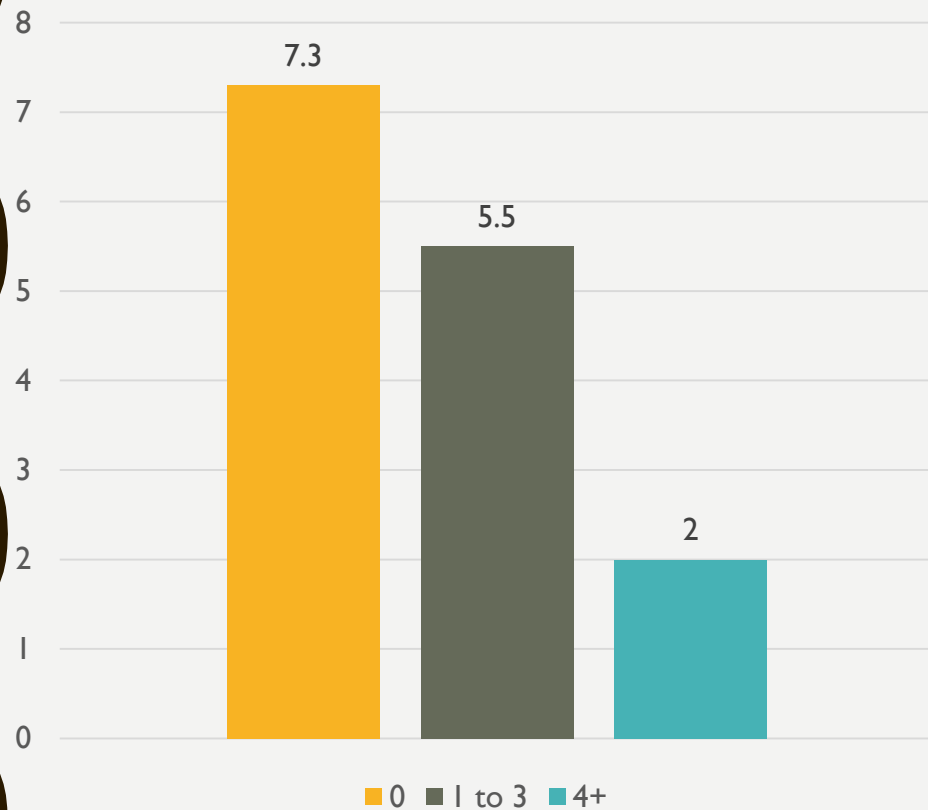
CHRONIC DISEASE

PREVALENCE OF SELECTED CHRONIC DISEASE BY ACE SCORE GROUP

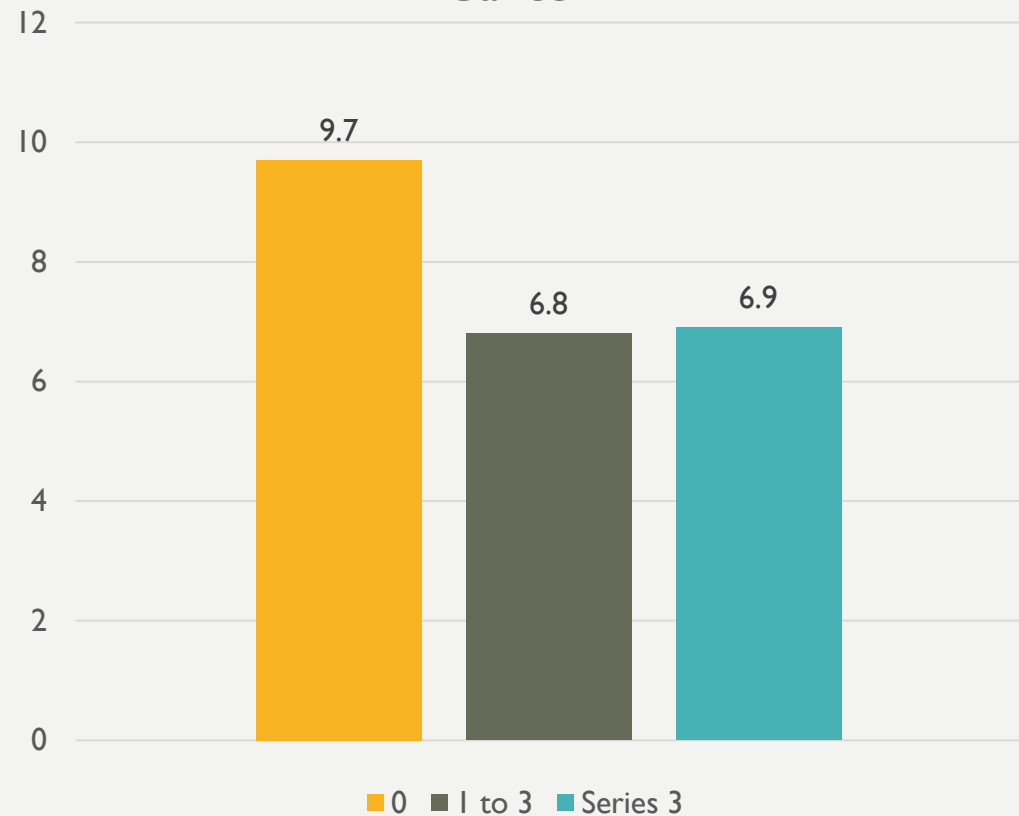


PREVALENCE OF SELECTED CHRONIC DISEASE BY ACE SCORE GROUP

Skin Cancer

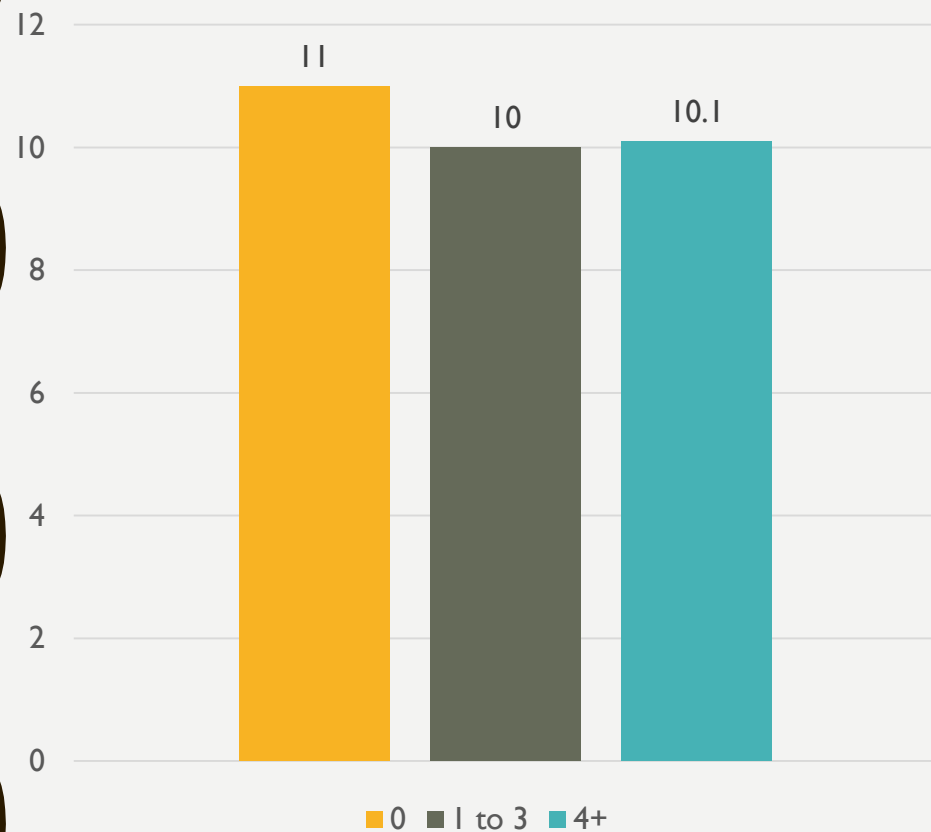


Cancer

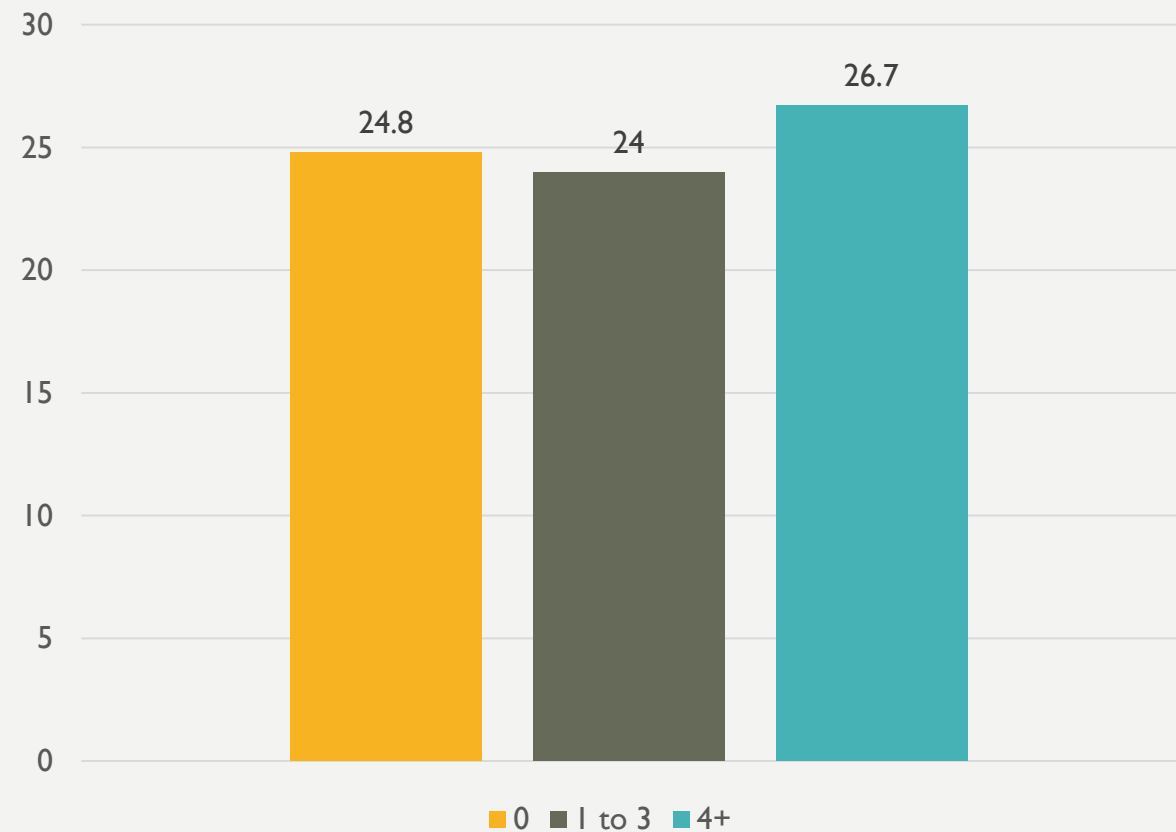


PREVALENCE OF SELECTED CHRONIC DISEASE BY ACE SCORE GROUP

Diabetes



Arthritis



CONCLUSION

- South Dakota has similar ACE rates as other states
- Significant differences exist between age, race, and income categories
- Differences were seen by ACE category select risk factor categories
- No significant differences were seen among Chronic Disease

WHAT CAN STATES AND COMMUNITIES DO

- Improve access to high-quality childcare by expanding eligibility, activities offered, and family involvement.
- Use effective social and economic supports that address financial hardship and other conditions that put families at risk for ACEs.
- Enhance connections to caring adults and increase parents' and youth skills to manage emotions and conflicts using approaches in schools and other settings.
- Recognize challenges that families face and offer support and encouragement to reduce stress
Support community programs and policies that provide safe and healthy conditions for all children and families.
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Source: <https://www.cdc.gov/vitalsigns/aces/pdf/vs-1105-aces-H.pdf>

QUESTIONS?