



Professional Research Consultants, Inc.

2016 PRC Community Health Needs Assessment

Staunton City, Waynesboro City, and Augusta County, Virginia

Prepared for:
Augusta Health

By Professional Research Consultants, Inc.

Custom Research
for **Achieving Excellence**

Augusta.
HEALTH

The PRC Community Health Needs Assessment consists of both primary and secondary data.

BENCHMARKING

- PRC National Health Survey
- Virginia BRFSS data
- Healthy People 2020 targets
- National vital statistics data

PRC Community Health Needs Assessment



Customized Local Health Survey

- Population-based, stratified by city/county
- Conducted via landline and cell phones
- Targets health status, experience, behaviors



Secondary Data

- County-level and city-level data
- Census data, vital statistics, other health-related data



Online Key Informant Survey

- Community stakeholder input — *physicians, public health, other health providers, social services, community leaders*
- Based on their experiences, the populations they serve

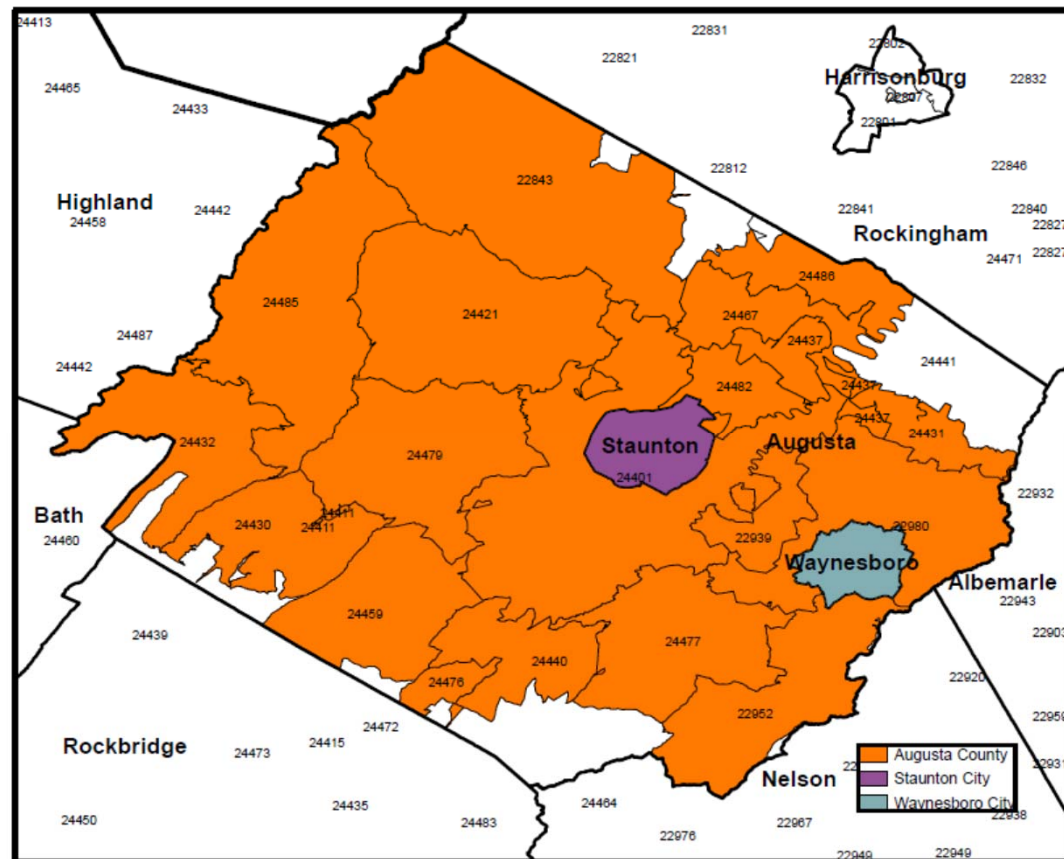
Population Survey

400 surveys stratified across the service area:

- 100 in Staunton City
- 100 in Waynesboro City
- 200 in Augusta County
- Final sample weighted in proportion to total population

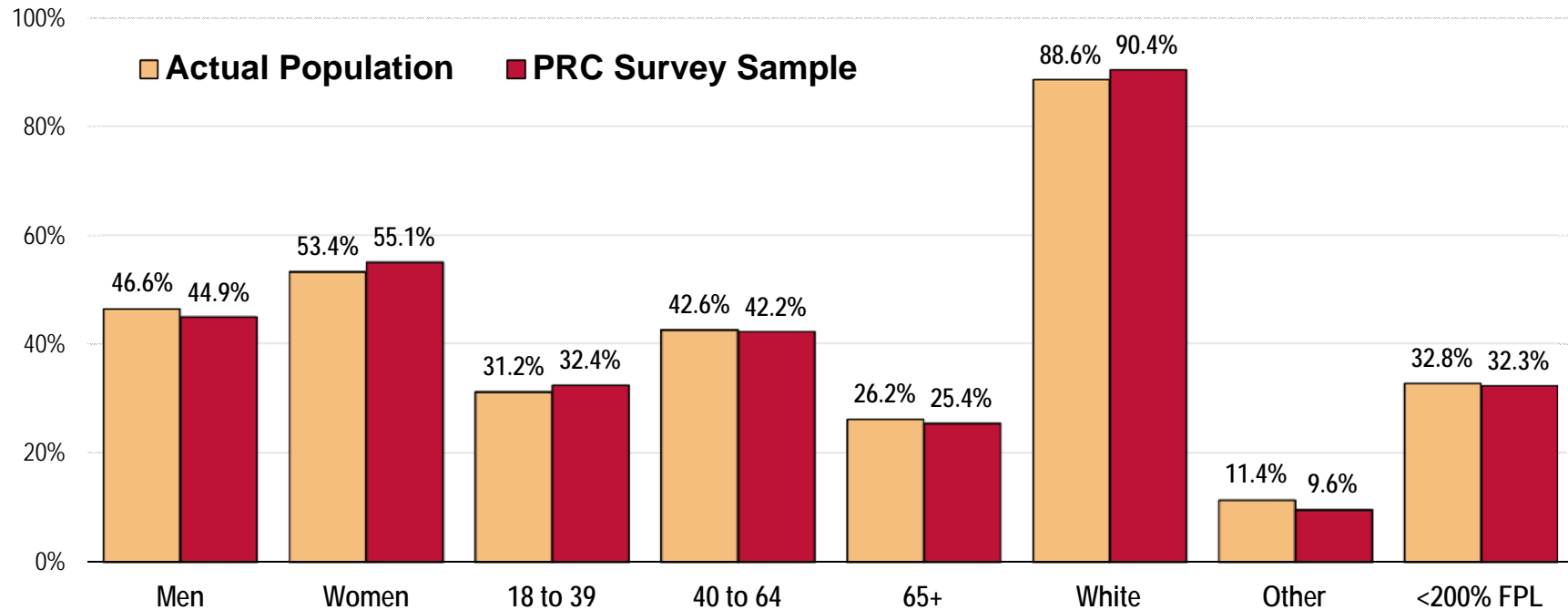
Over 145 survey items;
25-30 minute interview.

Total sample size gives an overall maximum confidence interval of $\pm 4.9\%$.





Population & Survey Sample Characteristics (Total Area, 2016)



Sources:

- Census 2010, Summary File 3 (SF 3). US Census Bureau.
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc.

Today's Activities

- **Presentation**

- Represents just a fraction of the data collected through this assessment.
- Primarily focuses on areas of need ("Areas of Opportunity"); however, there were many positive findings for the area as well.
- Will allow for Q&A at the end.

- **Prioritization**

- During the second half of our meeting, you will be asked to rank health issues along various criteria to inform the prioritization process.

13 Identified
"Areas of Opportunity"

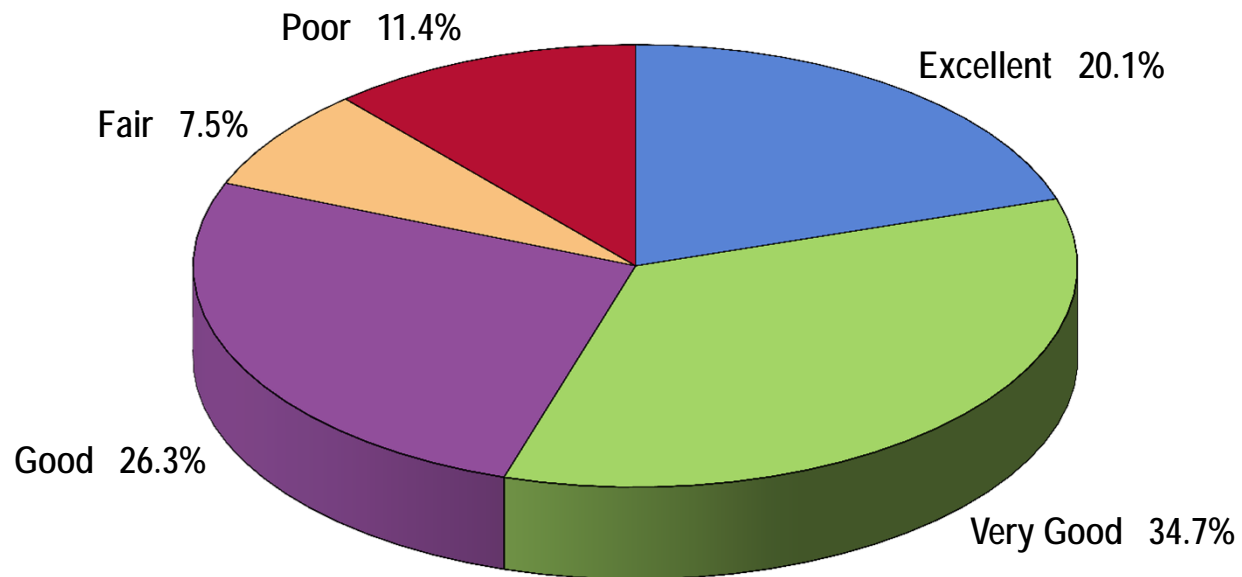
General Health Status Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



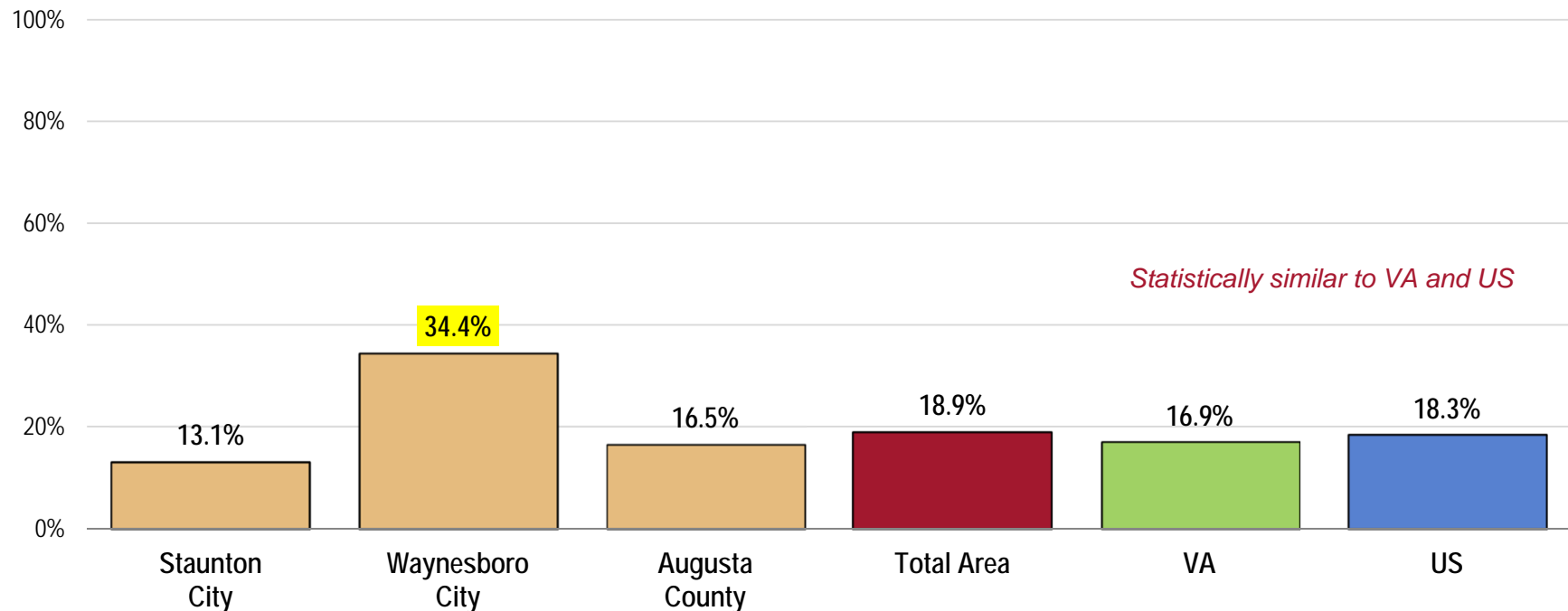
Self-Reported Health Status (Total Area, 2016)



Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 5]
Notes: • Asked of all respondents.



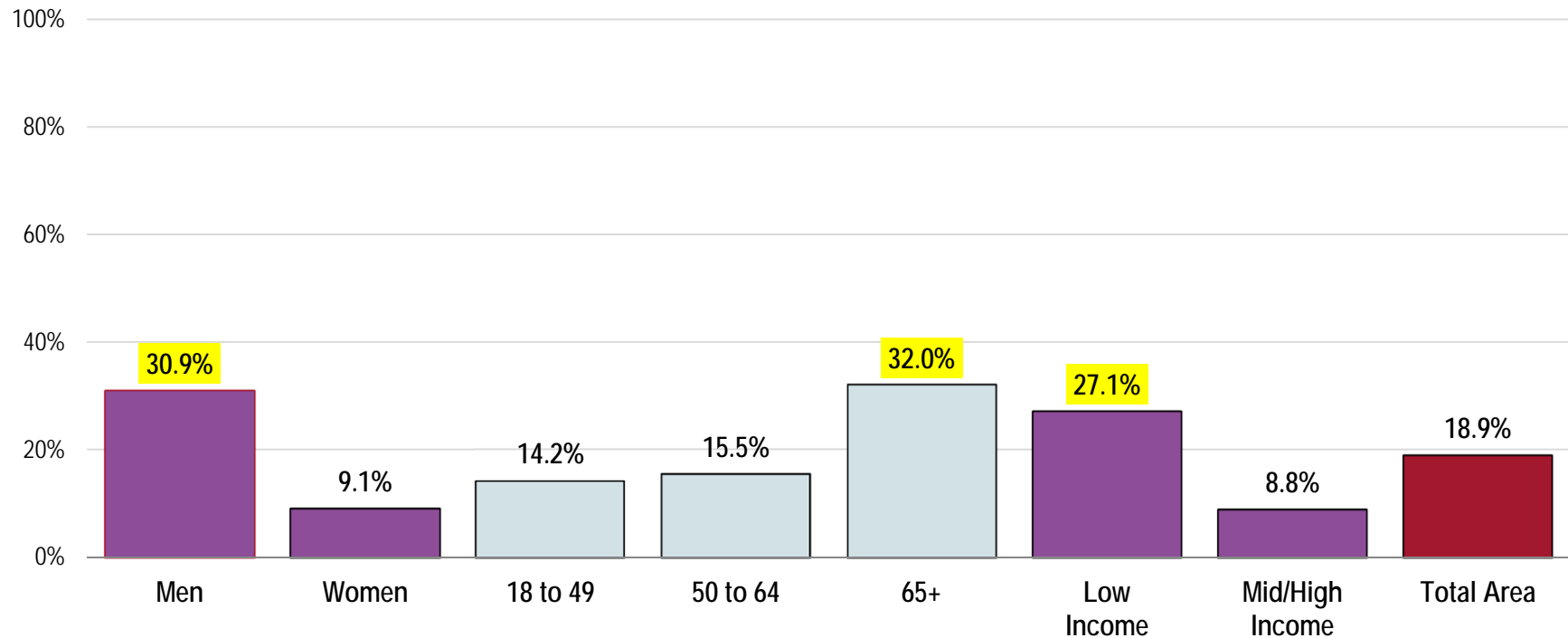
Experience “Fair” or “Poor” Overall Health



- Sources:
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 5]
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2014 Virginia data.
 - 2015 PRC National Health Survey, Professional Research Consultants, Inc.
- Notes:
- Asked of all respondents.



Experience “Fair” or “Poor” Overall Health (Total Area, 2016)



Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
Notes: ● Asked of all respondents.
● Income categories reflect respondent's household income as a ratio of the federal poverty level; *Mid/High Income with incomes up to 200% of the federal poverty level.

In addition, 25.6% of adults report health-related activity limitations, significant higher than VA (18.6%) and US (20.0%).

General Health Status

Areas of Opportunity

► **Access to Healthcare Services**

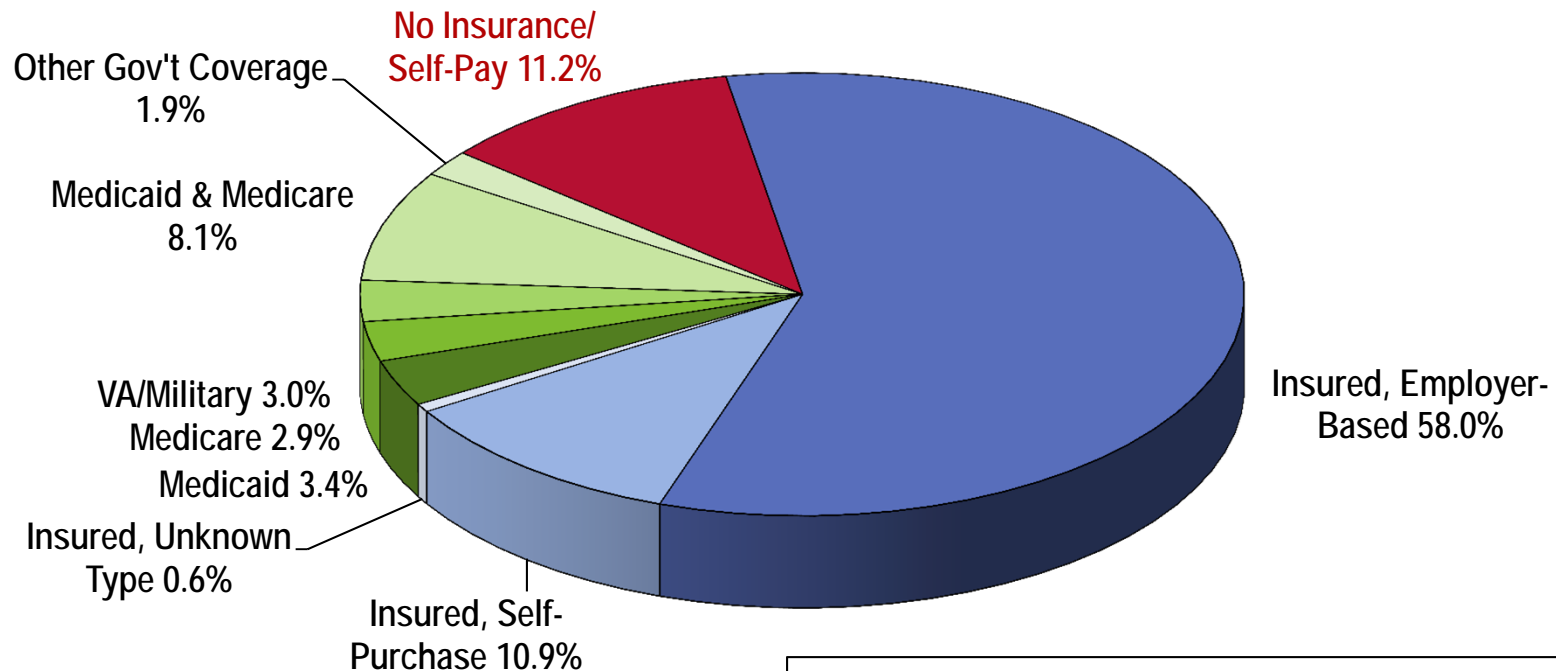
- Cancer
- Chronic Kidney Disease
- Dementia, Including Alzheimer's Disease
- Diabetes
- Heart Disease & Stroke
- Injury & Violence
- Mental Health
- Nutrition, Physical Activity & Weight
- Oral Health
- Respiratory Diseases
- Substance Abuse
- Tobacco Use

Q & A



Healthcare Insurance Coverage

(Among Adults Age 18-64; Total Area, 2016)



Private Insurance = 69.5%

Gov't-Sponsored = 19.3%

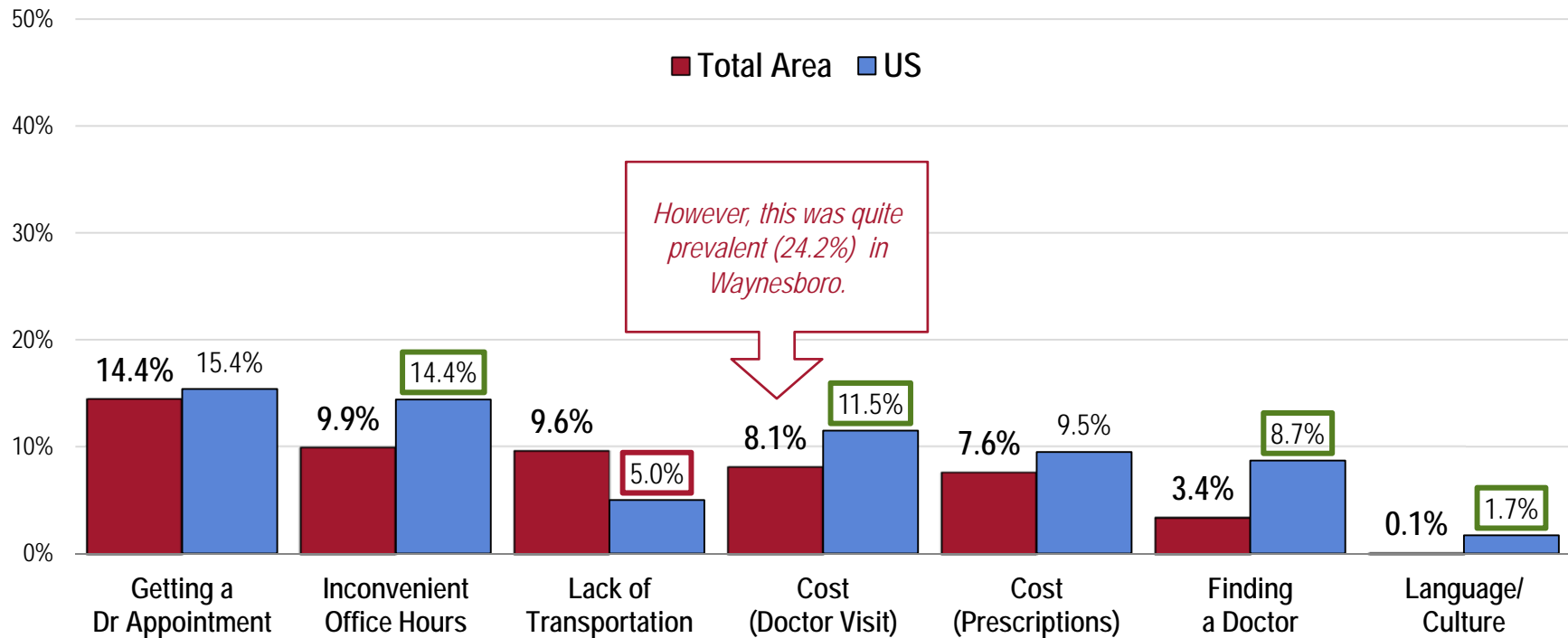
Uninsured = 11.2% (similar to US)

• Women and young adults more likely uninsured.

Sources: • 2016 PRC Community Health Survey,
Professional Research Consultants, Inc. [Item 190]
Notes: • Reflects respondents age 18 to 64.

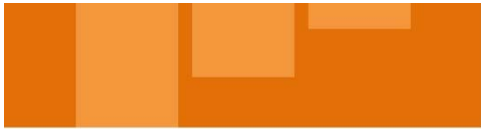


Barriers to Access Have Prevented Medical Care in the Past Year



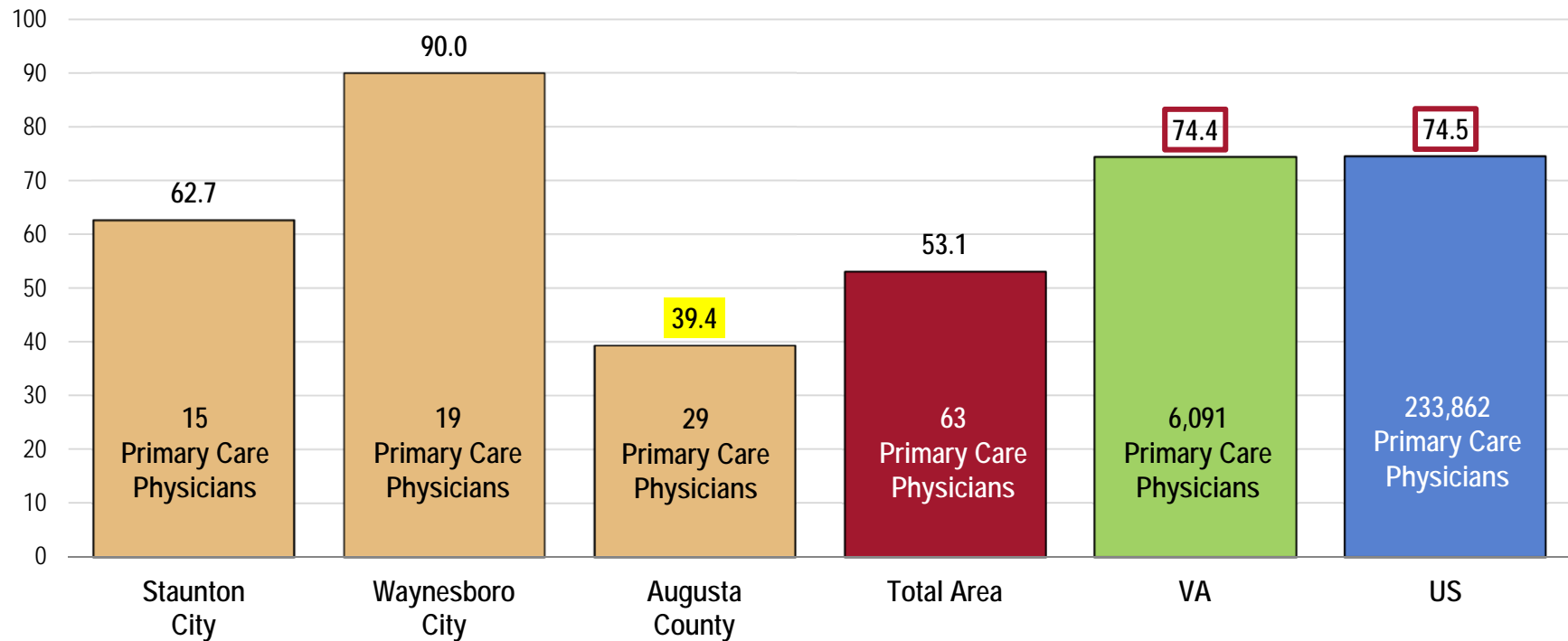
Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants
● 2015 PRC National Health Survey, Professional Research Consultants
Notes: ● Asked of all respondents.

In all, 36.9% encountered one or more of these barriers (similar to US), higher among low-income and young adults.



Access to Primary Care

(Number of Primary Care Physicians per 100,000 Population, 2012)



- Sources:
- US Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource File: 2011.
 - Retrieved April 2016 from Community Commons at <http://www.chna.org>.
- Notes:
- This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

General Health Status

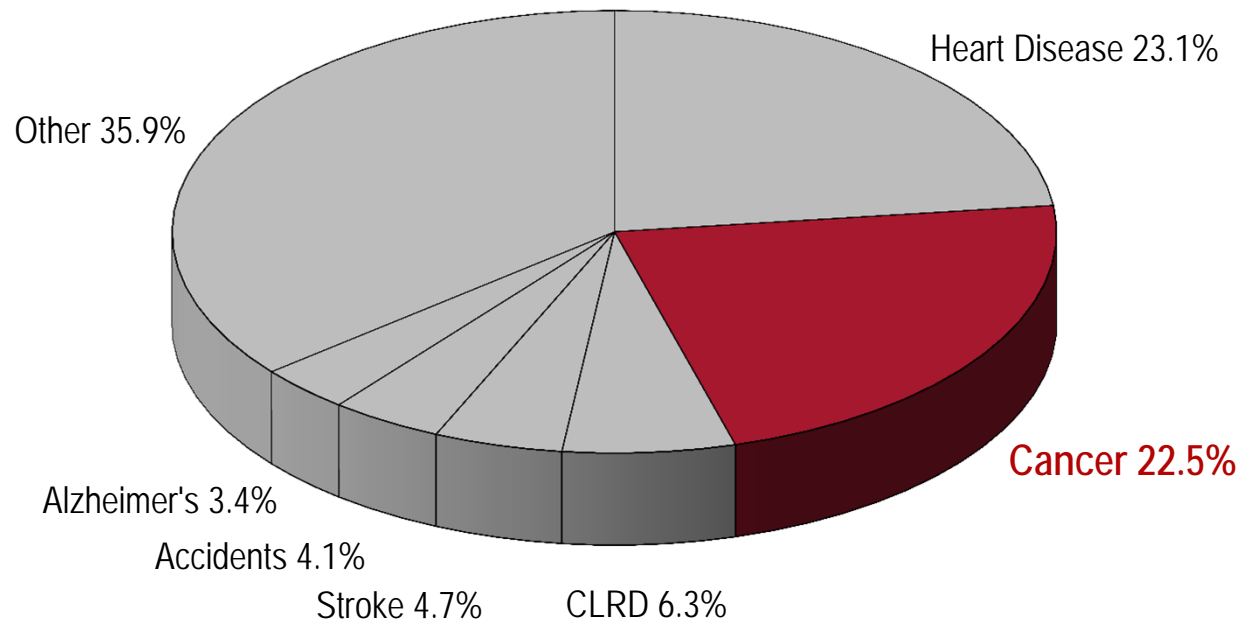
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ **Cancer**
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



Leading Causes of Death (Total Area, 2014)



- Sources:
- CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted April 2016.
- Notes:
- Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
 - CLRD is chronic lower respiratory disease.

Cancer

Age-Adjusted Mortality Rates (Deaths)

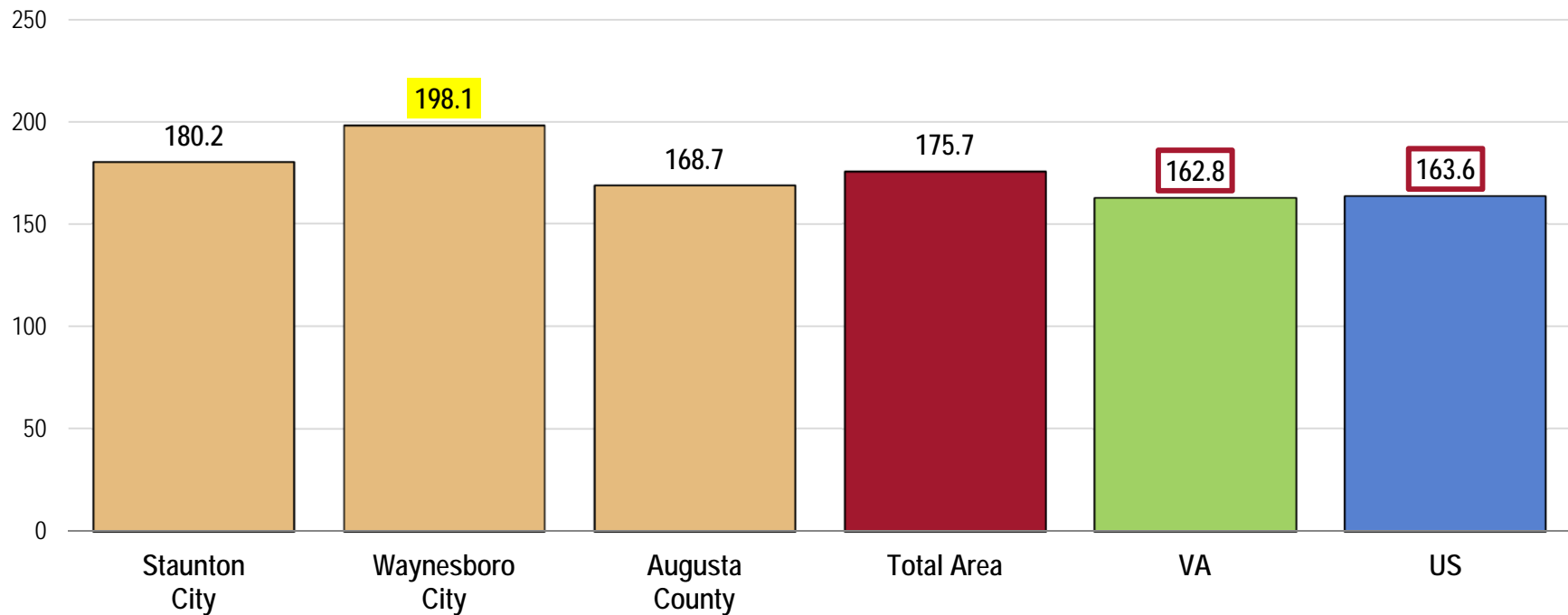
- Higher than US rates for:
 - Cancers (all types combined)
 - Lung cancer
 - Female breast cancer
 - Colorectal cancer

Incidence Rates (New Cases Diagnosed)

- Higher than US rates for:
 - Prostate cancer
 - Lung cancer

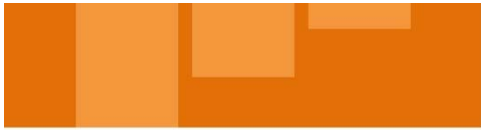


Cancer: Age-Adjusted Mortality (2012-2014 Annual Average Deaths per 100,000 Population) Healthy People 2020 Target = 161.4 or Lower

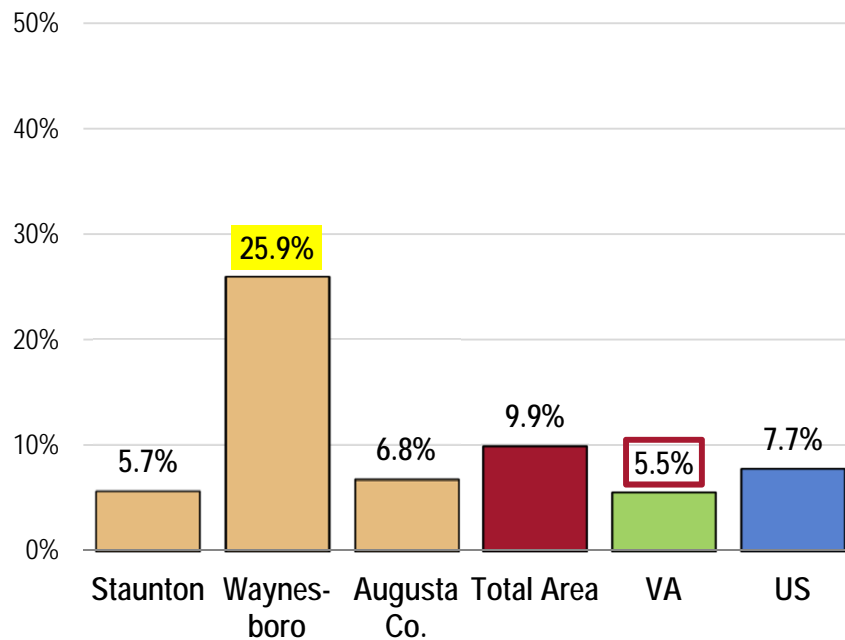


- Sources:
- CDC WONDER Online Query System. Centers for Disease Control and Prevention. Data extracted April 2016.
 - US Department of Health and Human Services. Healthy People 2020.
- Notes:
- Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
 - Rates are per 100,000 population, age-adjusted to the 2000 US Standard Population.

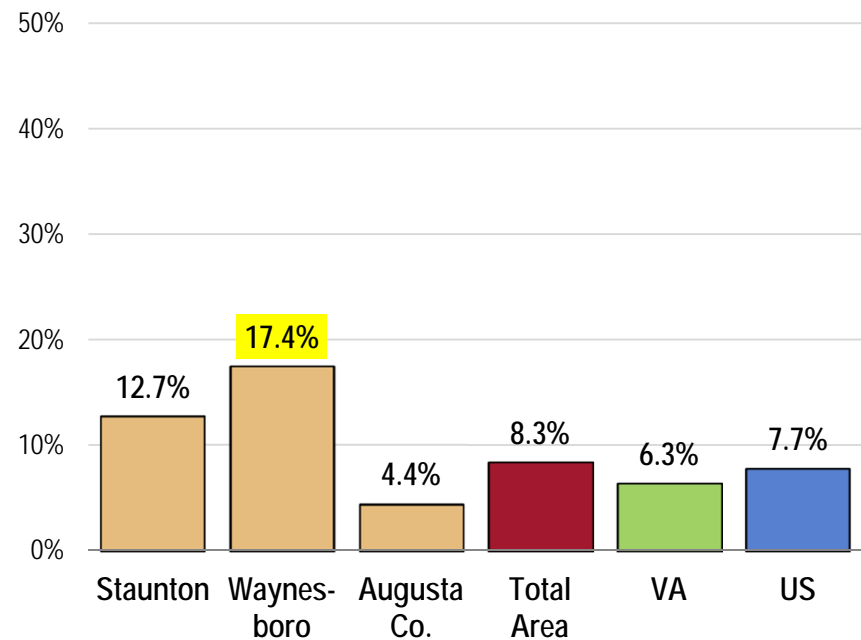
Mortality rates in the area are also higher for certain leading sites: lung cancer; female breast cancer; and colorectal cancer.



Prevalence of Skin Cancer



Prevalence of Cancer (Other Than Skin Cancer)

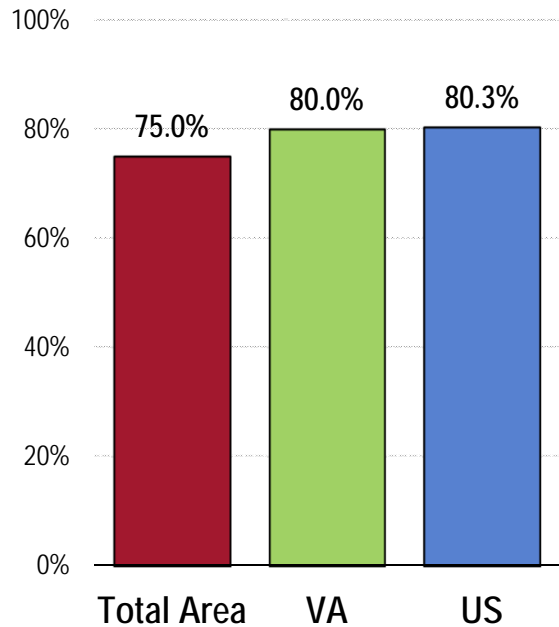


Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
• Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia and Prevention (CDC): 2014 Virginia data.
• 2015 PRC National Health Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Incidence rates are high in the area for prostate and lung cancers; in addition, Waynesboro also has high rates for female breast and colorectal cancer diagnoses.

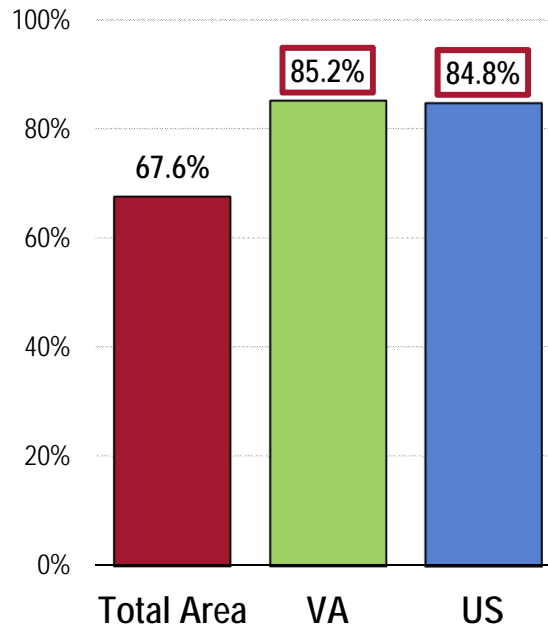


Cancer Screenings



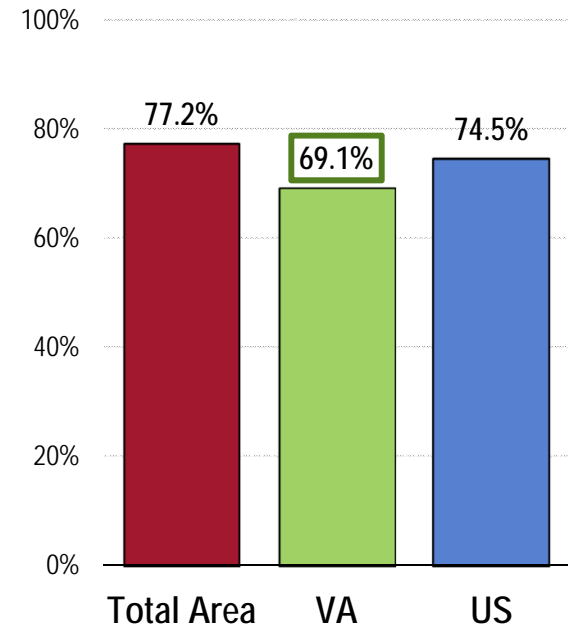
Mammogram in the Past 2 Years
(Women 50-74)

Healthy People 2020 Target = 81.1% or Higher



Pap Smear in the Past 3 Years
(Women Age 21-65)

Healthy People 2020 Target = 93.0% or Higher



Colorectal Cancer Screening
(Adults Age 50-75)

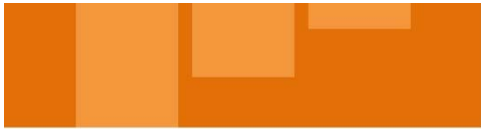
Healthy People 2020 Target = 70.5% or Higher

General Health Status

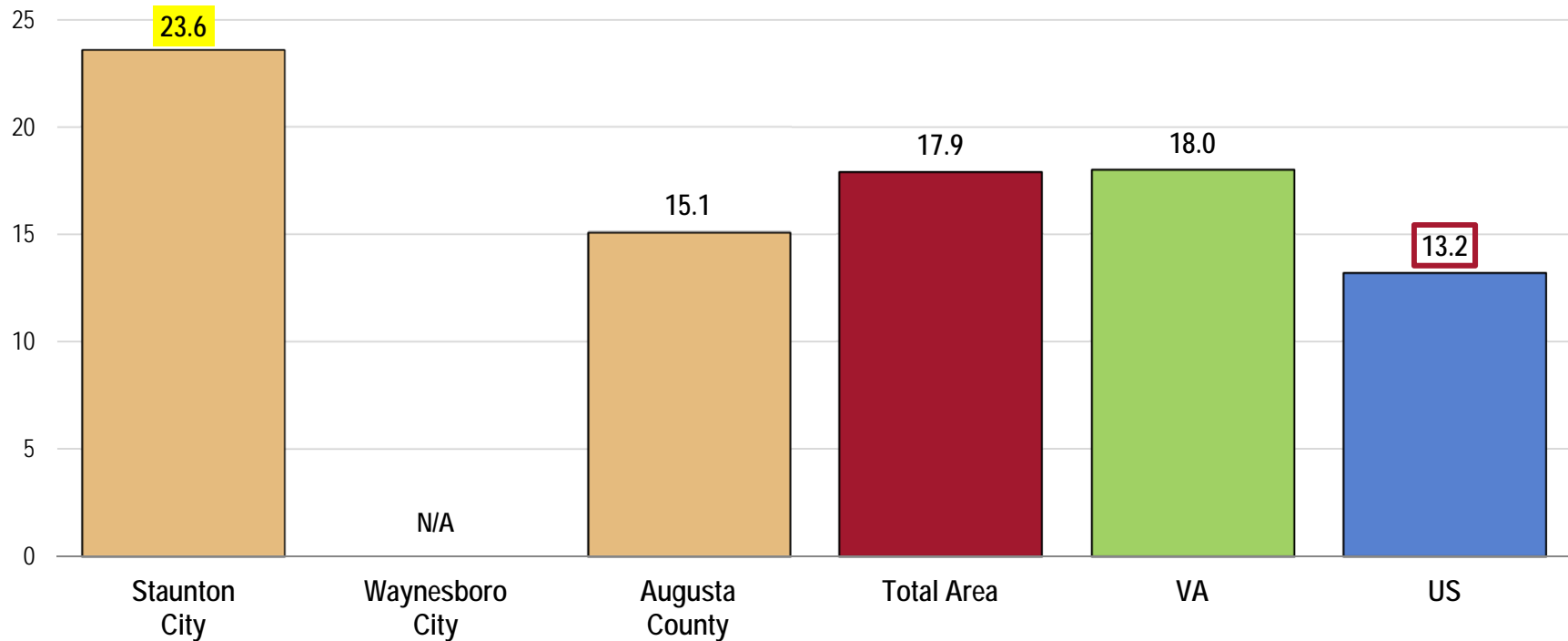
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ **Chronic Kidney Disease**
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



Kidney Disease: Age-Adjusted Mortality (2012-2014 Annual Average Deaths per 100,000 Population)

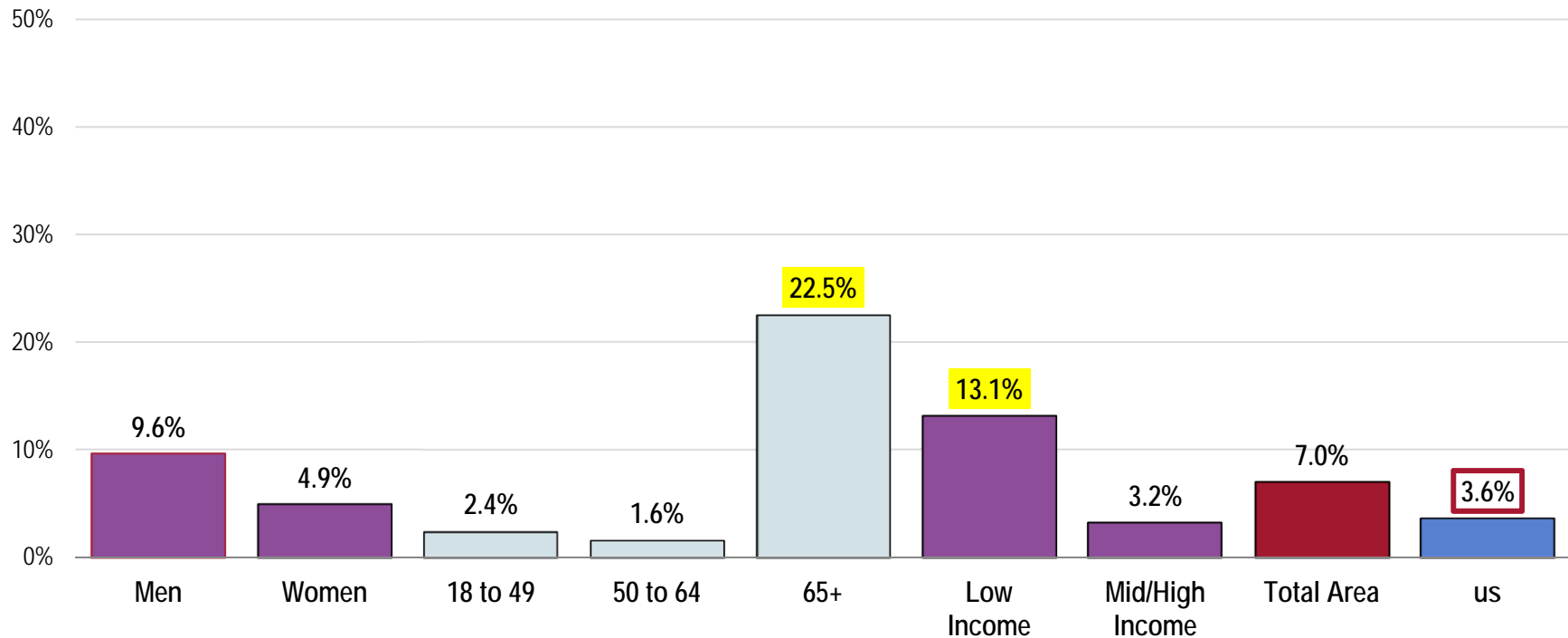


Sources: • CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted April 2016.

Notes: • Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
• Rates are per 100,000 population, age-adjusted to the 2000 US Standard Population.



Prevalence of Kidney Disease (Total Area, 2016)



Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 32]

Notes: • Asked of all respondents.

- Income categories reflect respondent's household income as a ratio to the federal poverty level (FPL) for their household size. "Low Income" includes households with incomes up to 200% of the federal poverty level; "Mid/High Income" includes households with incomes at 200% or more of the federal poverty level.

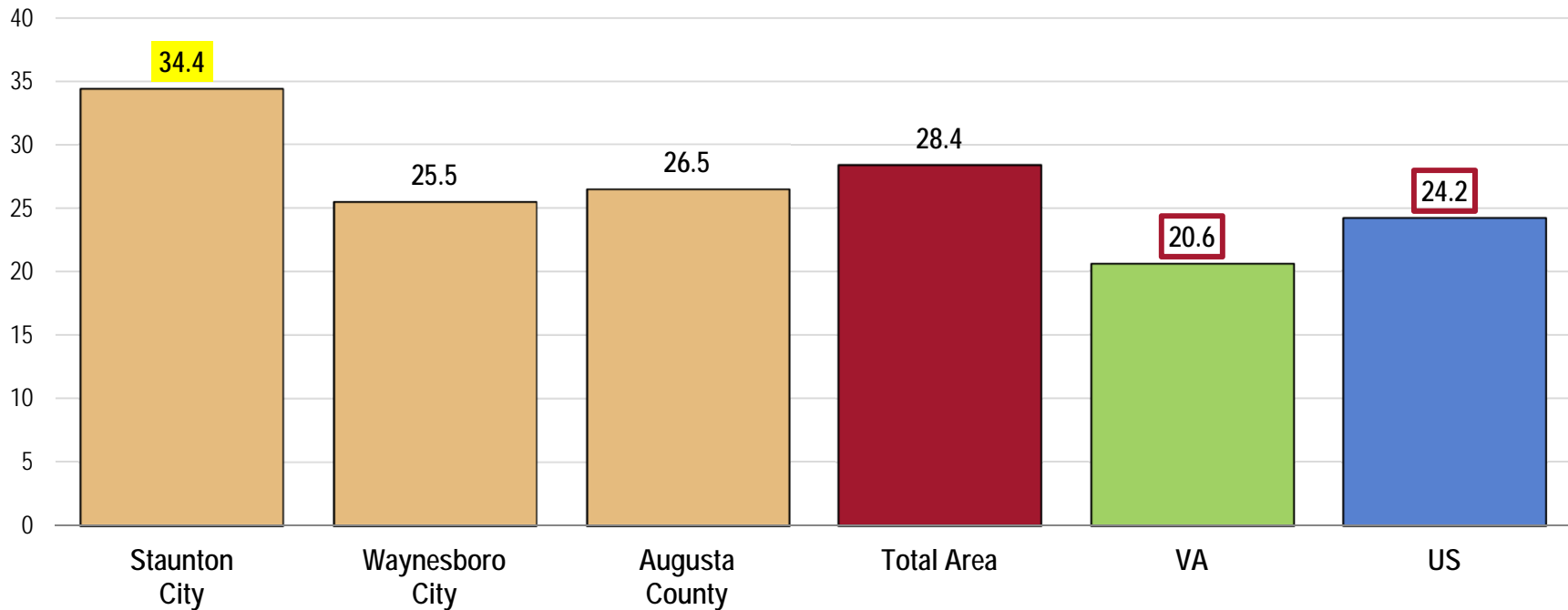
General Health Status

Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ **Dementia, Including Alzheimer's Disease**
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A

Alzheimer's Disease: Age-Adjusted Mortality (2012-2014 Annual Average Deaths per 100,000 Population)



Sources: ● CDC WONDER Online Query System. Cer
Informatics. Data extracted April 2016.

Notes: ● Deaths are coded using the Tenth Revision
● Rates are per 100,000 population, age-adju

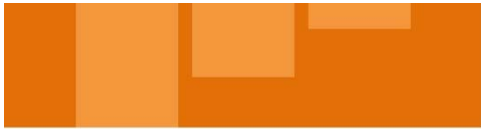
- *28.2% of residents report a **family member** diagnosed with dementia/Alzheimer's.*
- *11.2% of adults 45+ report **themselves** experiencing increasing confusion/memory loss over the past year.*

General Health Status

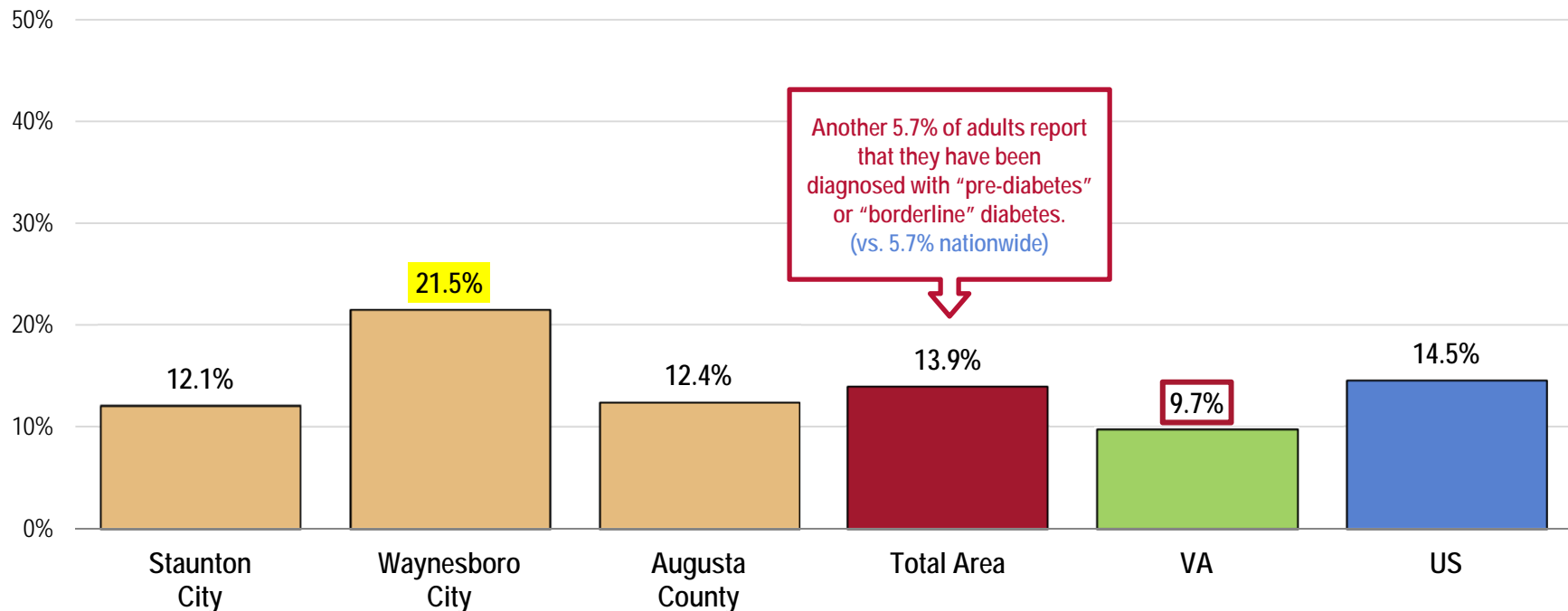
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ **Diabetes**
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



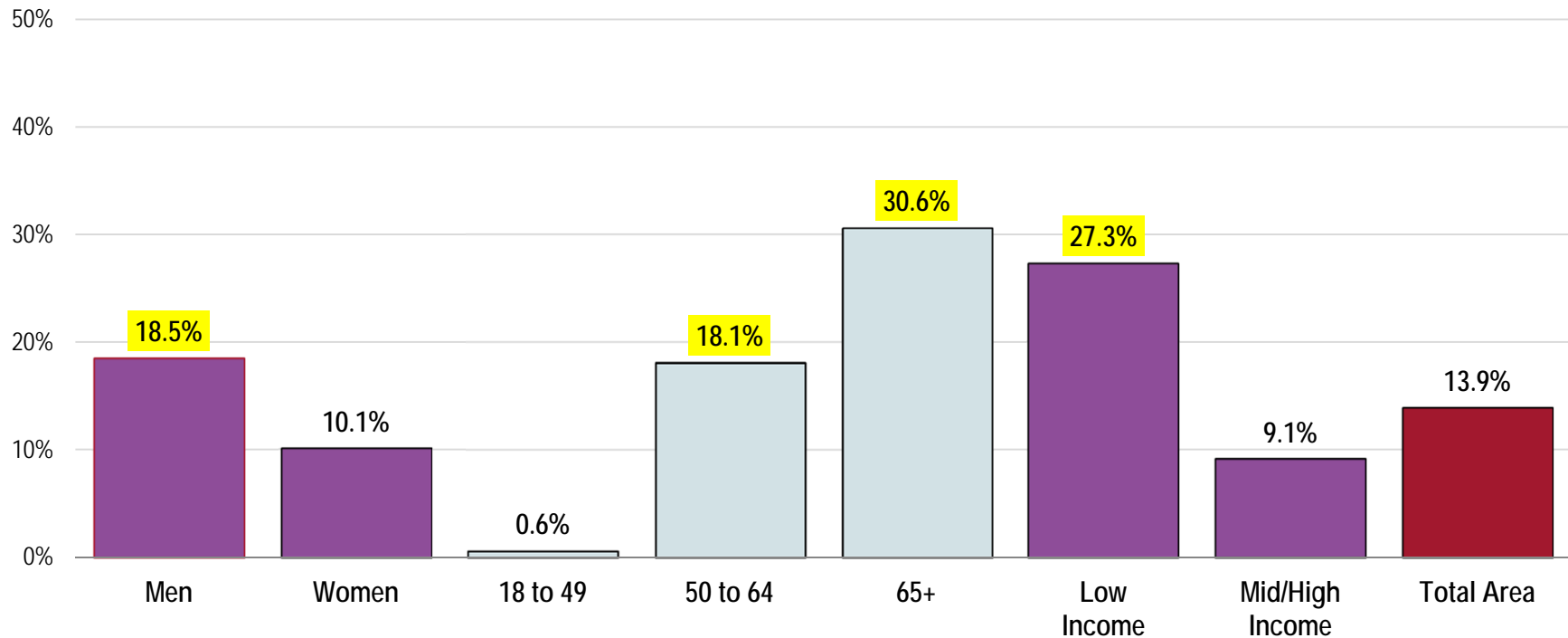
Prevalence of Diabetes



- Sources:
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 158]
 - 2015 PRC National Health Survey, Professional Research Consultants, Inc.
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2014 Virginia data.
- Notes:
- Asked of all respondents.



Prevalence of Diabetes (Total Area, 2016)



Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 158]

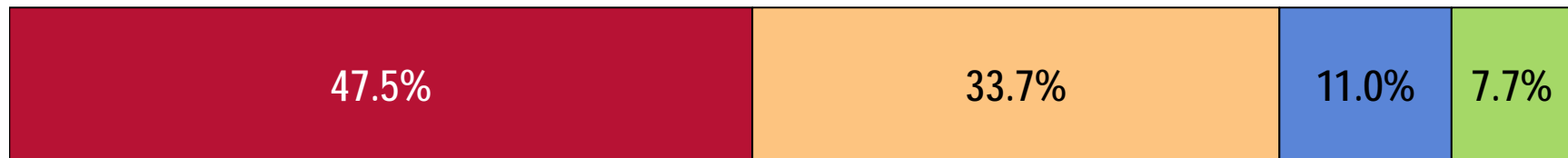
Notes: ● Asked of all respondents.
● Income categories reflect respondent's household income as a ratio to the federal poverty level; "Mid/High Income" includes incomes up to 200% of the federal poverty level.
● Excludes gestational diabetes (occurring only during pregnancy).

*The City of Staunton experiences a relatively high diabetes **mortality** rate.*

Ranked
#4
among key
informants

Perceptions of Diabetes as a Problem in the Community (Key Informants, 2016)

■ Major Problem ■ Moderate Problem ■ Minor Problem ■ No Problem At All



Sources: • PRC Online Key Informant Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Top Reasons for "Major Problem" Responses:

- Health Education
- Disease Management
- Nutrition
- Obesity
- Affordable Care/Access



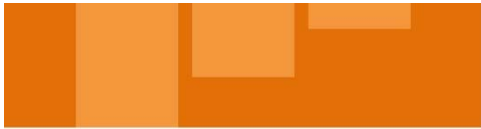
Key Informant Input

General Health Status

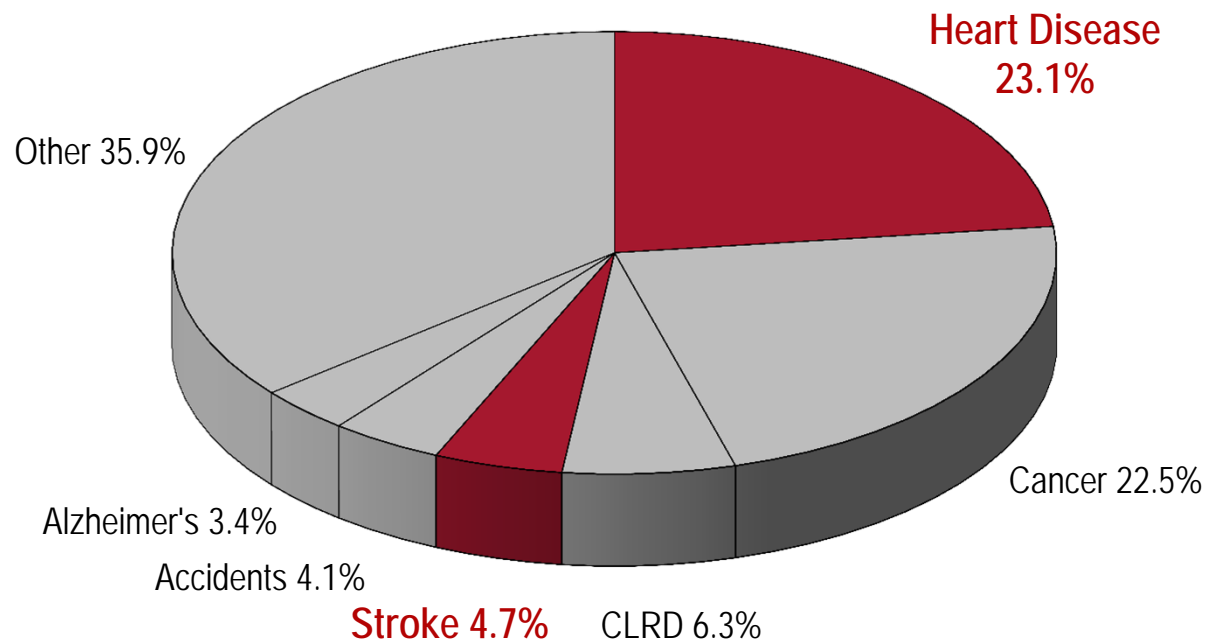
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ **Heart Disease & Stroke**
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



Leading Causes of Death (Total Area, 2014)



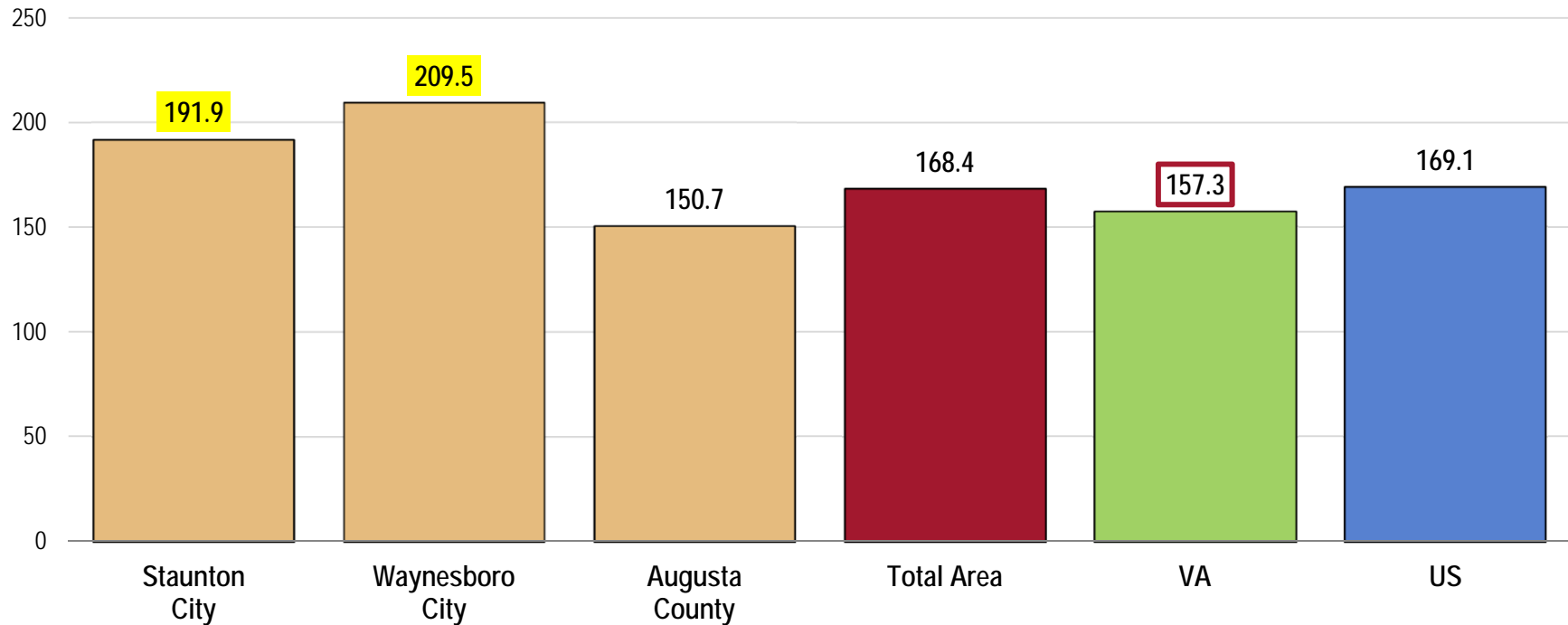
- Sources:
- CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted April 2016.
- Notes:
- Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
 - CLRD is chronic lower respiratory disease.



Heart Disease: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)

Healthy People 2020 Target = 156.9 or Lower (Adjusted)

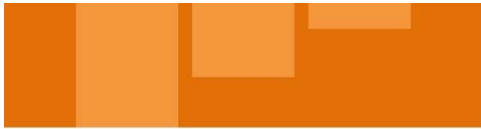


Sources: • CDC WONDER Online Query System. Centers for Disease Control and Prevention. Data extracted April 2016.

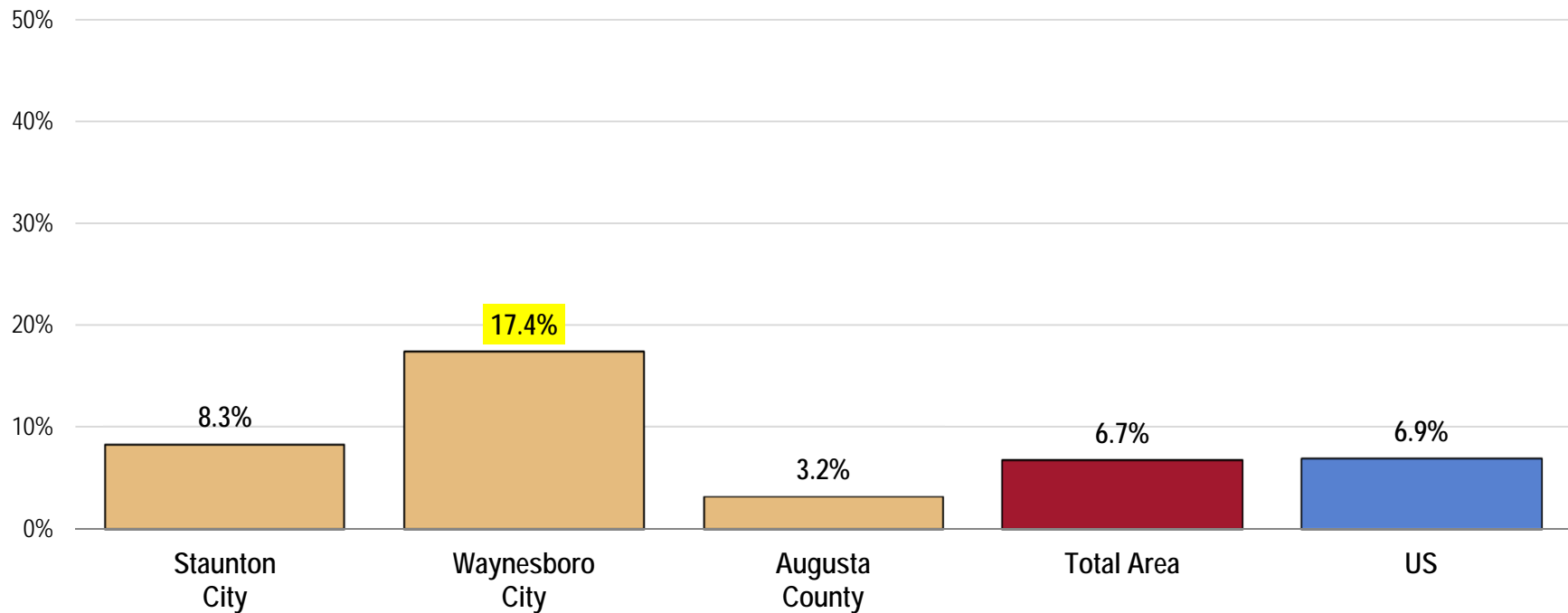
Notes: • Data from the 2012-2014 period. • Using the Tenth Revision of the International Classification of Diseases (ICD-10) population, age-adjusted to the 2010 population. • 2020 Heart Disease target is 156.9 or lower (adjusted).

Stroke mortality is also high in Staunton.

*The population survey also found a relatively high percentage of adults diagnosed with **heart disease**, and a high percentage with **high blood pressure**.*



Prevalence of Heart Disease



Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
● 2015 PRC National Health Survey, Professional Research Consultants, Inc.

Notes: ● Asked of all respondents.
● Includes diagnoses of heart attack, angina or coronary heart disease.

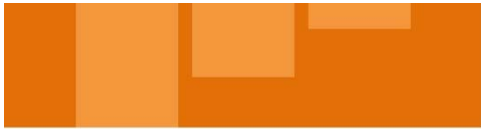
42.7% of adults have been told they have high blood pressure, significantly higher than found statewide (32.5%) or nationally (36.5%).

General Health Status

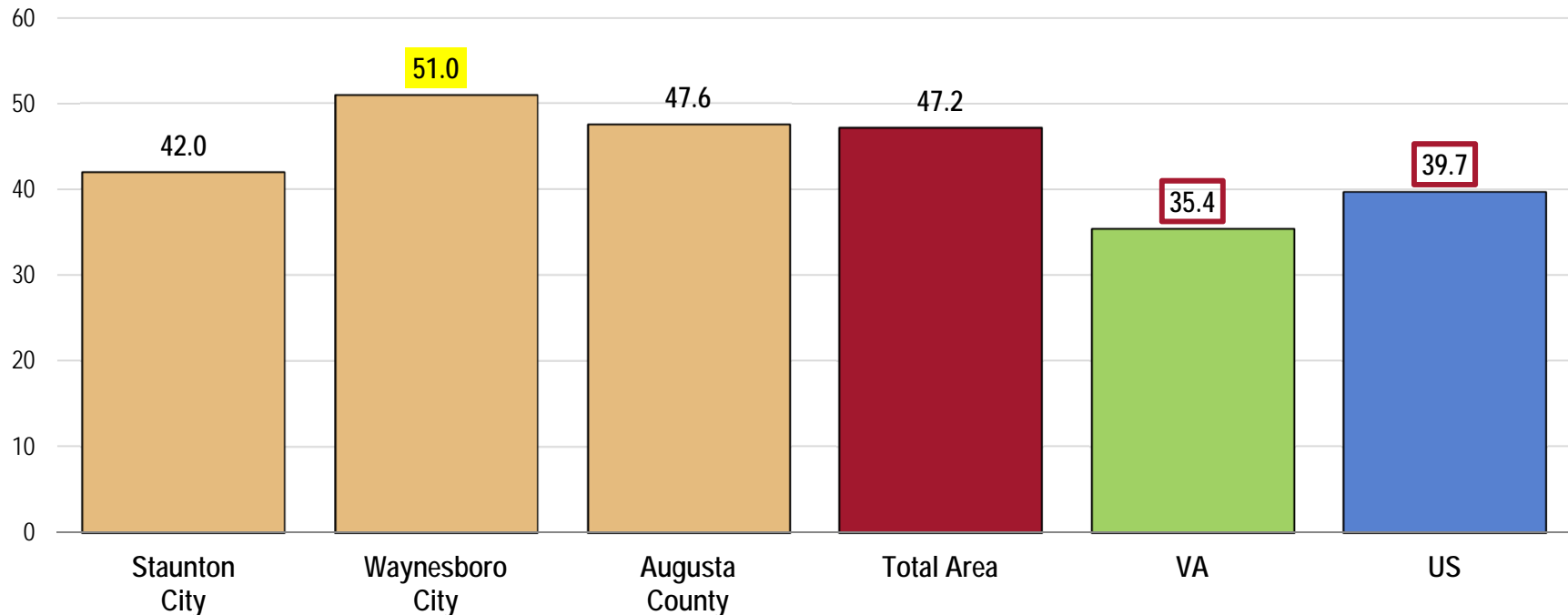
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ **Injury & Violence**
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



Unintentional Injuries: Age-Adjusted Mortality (2012-2014 Annual Average Deaths per 100,000 Population) Healthy People 2020 Target = 36.4 or Lower



Sources: ● CDC WONDER Online Query System. Centers for Disease Control and Prevention. Data extracted April 2016.

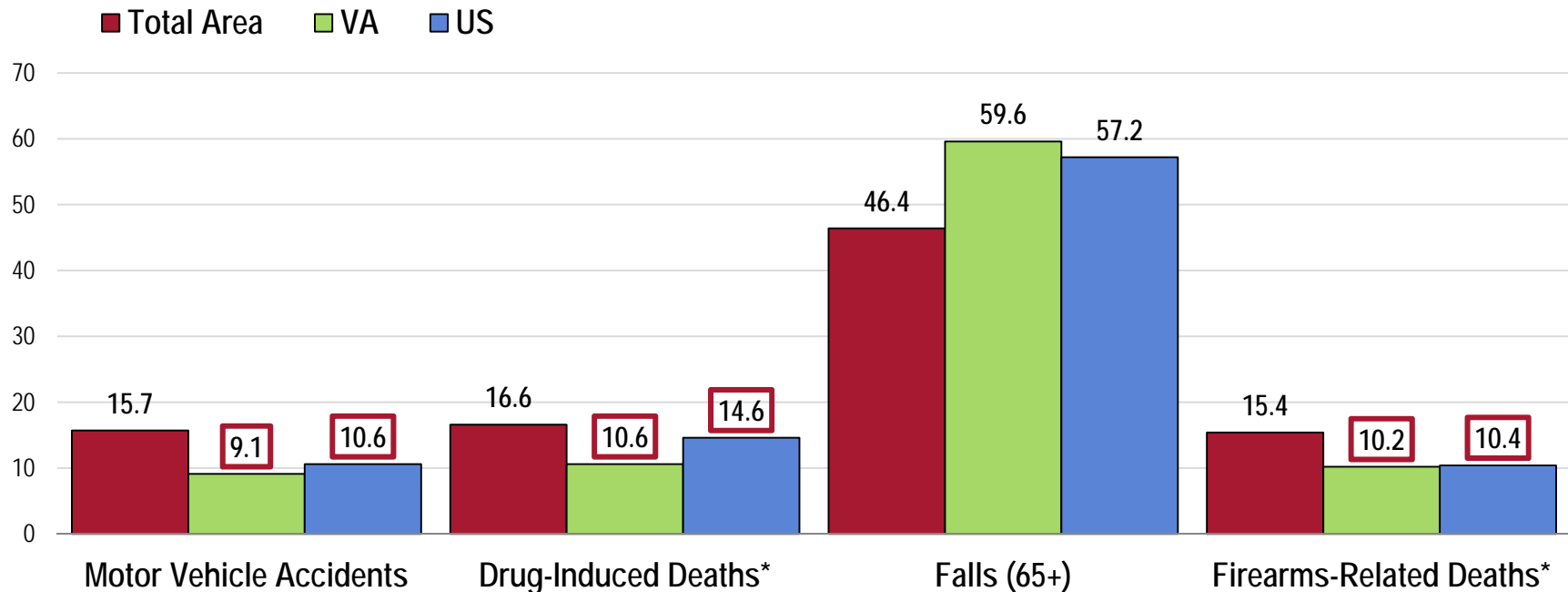
Notes: ● US Department of Health and Human Services. Healthy People 2020. ● Deaths are coded using the Tenth Revision of the International Classification of Diseases. ● Rates are per 100,000 population, age-adjusted to the 2000 US standard population.

Motor vehicle crashes, poisoning, falls and suffocation are leading causes of accidental death.



Select Injury Death Rates

(By Cause of Death; Annual Average Deaths per 100,000 Population)



Sources: ● CDC WONDER Online Query System. Centers for Disease Control and Prevention. Data extracted April 2016.

Notes: ● US Department of Health and Human Services. Healthy People 2020.
● Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
● Rates are per 100,000 population, age-adjusted to the 2000 US Standard Population.
● *Includes both intentional and unintentional deaths.

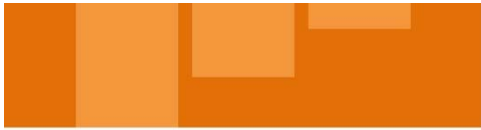
59.4% of local households have a firearm, much higher than found nationally (33.8%).

General Health Status

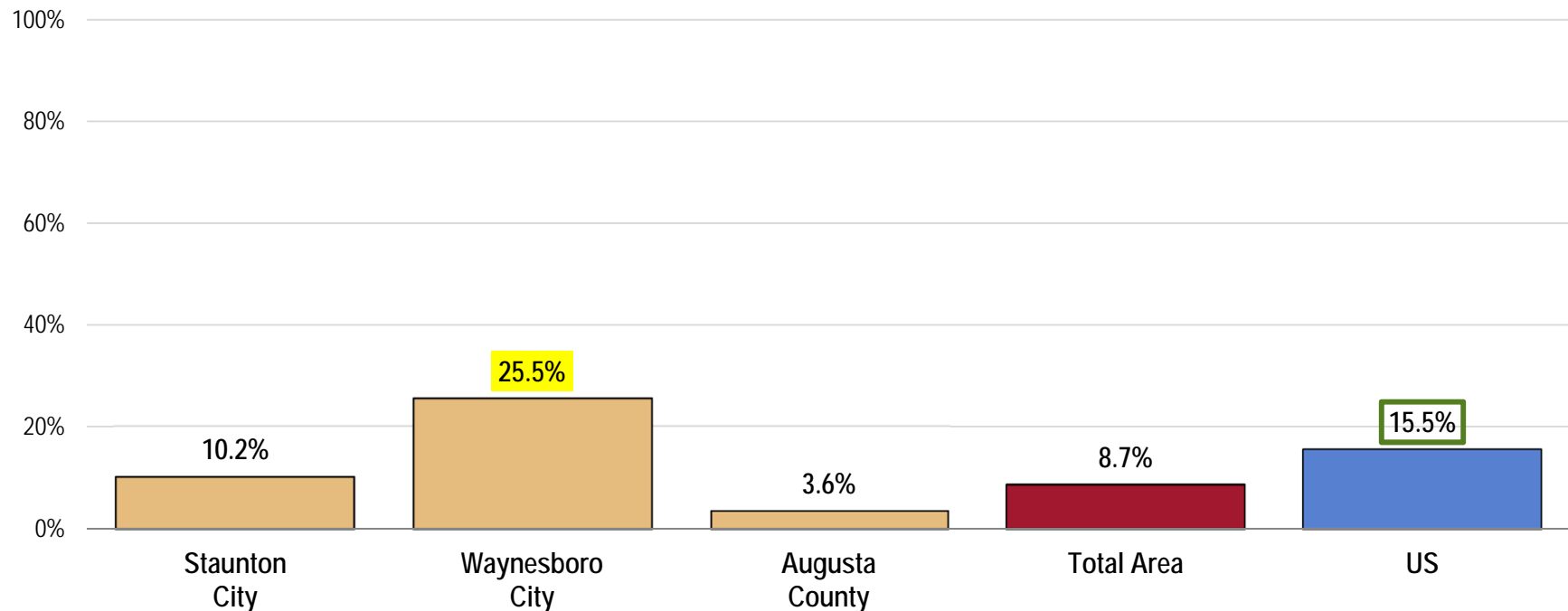
Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ **Mental Health**
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



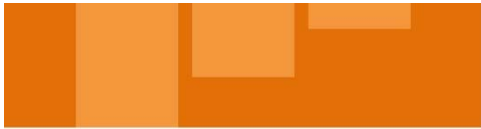
Experience “Fair” or “Poor” Mental Health



Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [1]
• 2015 PRC National Health Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Overall: 69.8% Excellent/Very Good

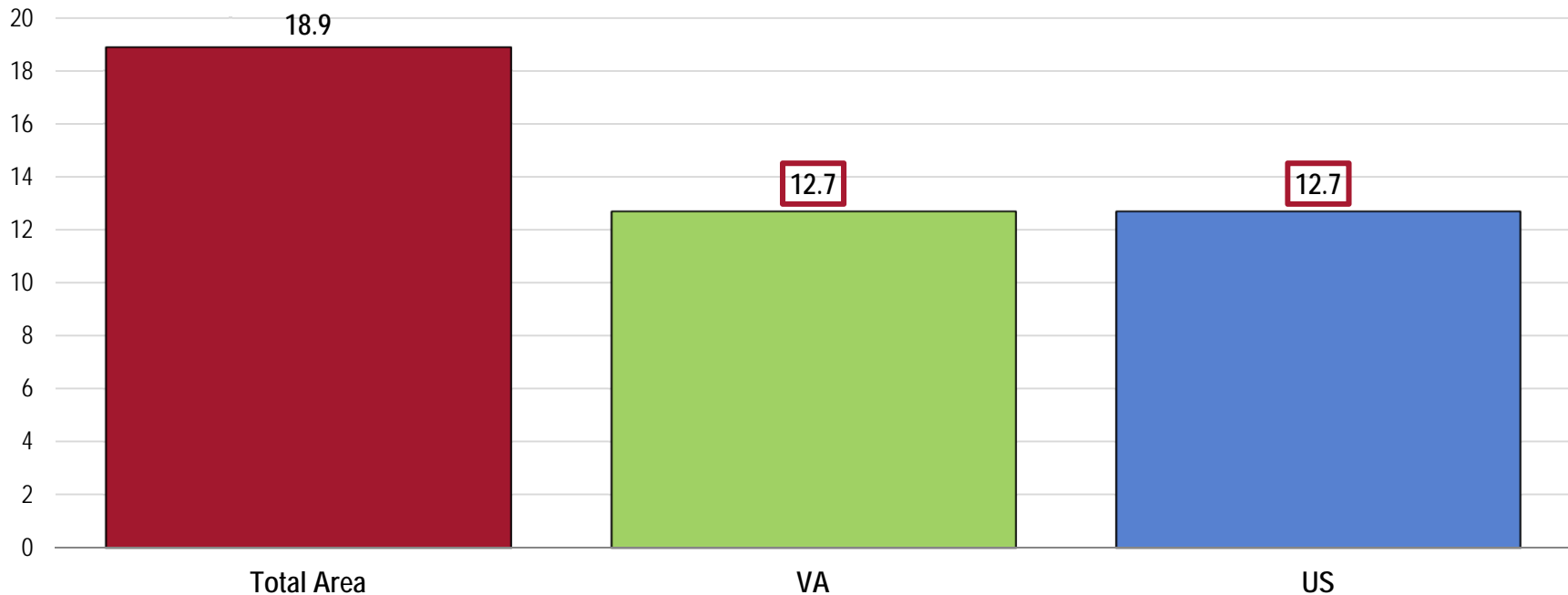
Fair/poor responses particular high (20.6%) among lower-income residents



Suicide: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)

Healthy People 2020 Target = 10.2 or Lower



Sources: • CDC WONDER Online Query System
Informatics. Data extracted April 2016

Notes: • US Department of Health and Human Services

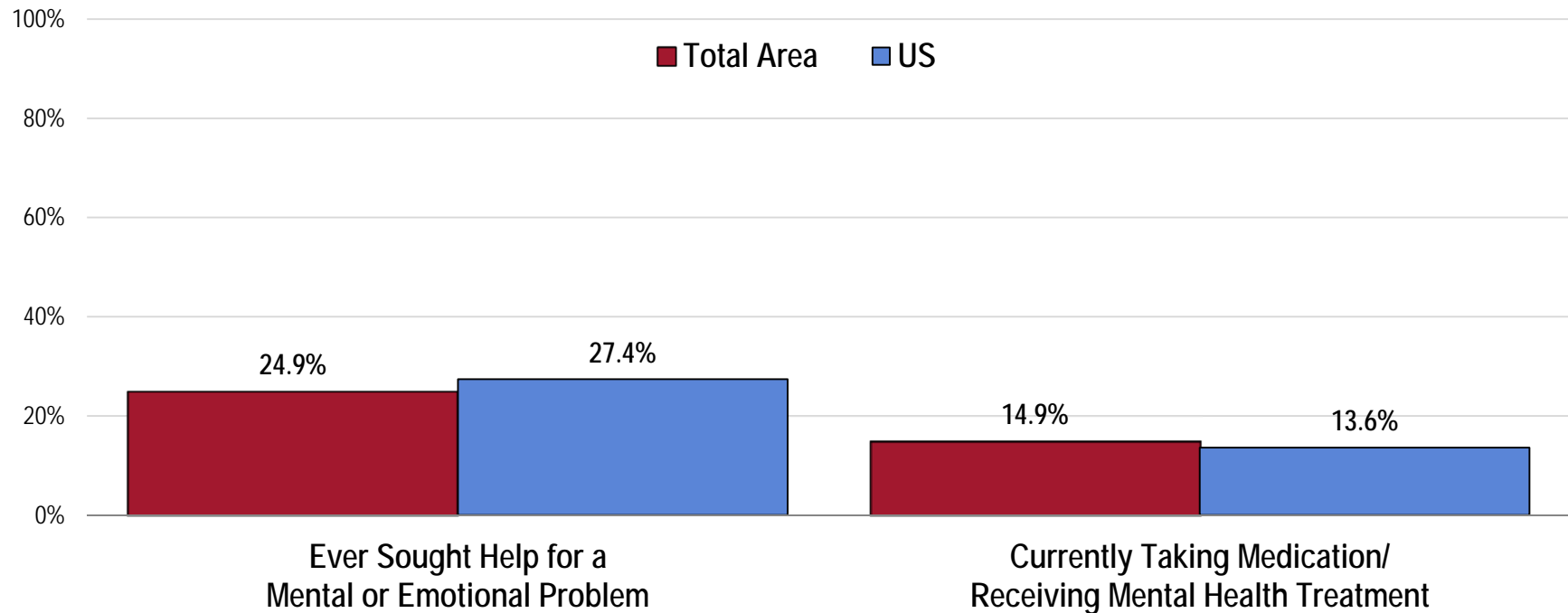
• Deaths are coded using the Tenth Revision of the International Classification of Diseases

• Rates are per 100,000 population, age-adjusted

- 14.9% of adults have been **diagnosed** with depression.
- 21.8% have experienced **symptoms** of chronic depression.



Mental Health Treatment



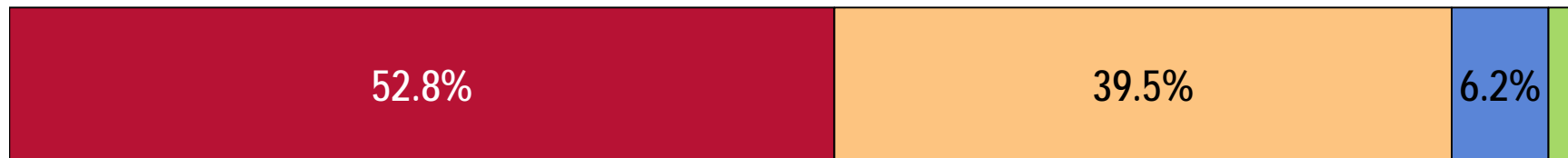
Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
● 2015 PRC National Health Survey, Professional Research Consultants, Inc.
Notes: ● Reflects the total sample of respondents.

2.5% of area adults say they were unable to get needed mental health services in the past year (similar to US).

Ranked
#2
among key
informants

Perceptions of Mental Health as a Problem in the Community (Key Informants, 2016)

■ Major Problem ■ Moderate Problem ■ Minor Problem ■ No Problem At All



Sources: • PRC Online Key Informant Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Top Reasons for "Major Problem" Responses:

- Access to Care/Affordability
- Prevalence
- Denial/Stigma
- Co-Occurrence With Substance Abuse



Key Informant Input

General Health Status

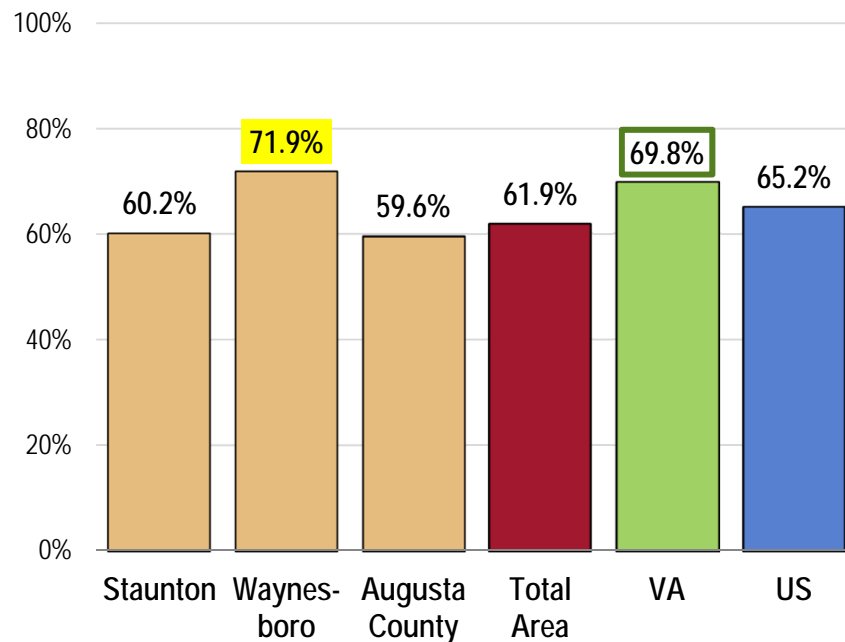
Areas of Opportunity

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- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ **Nutrition, Physical Activity & Weight**
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A

Prevalence of Total Overweight

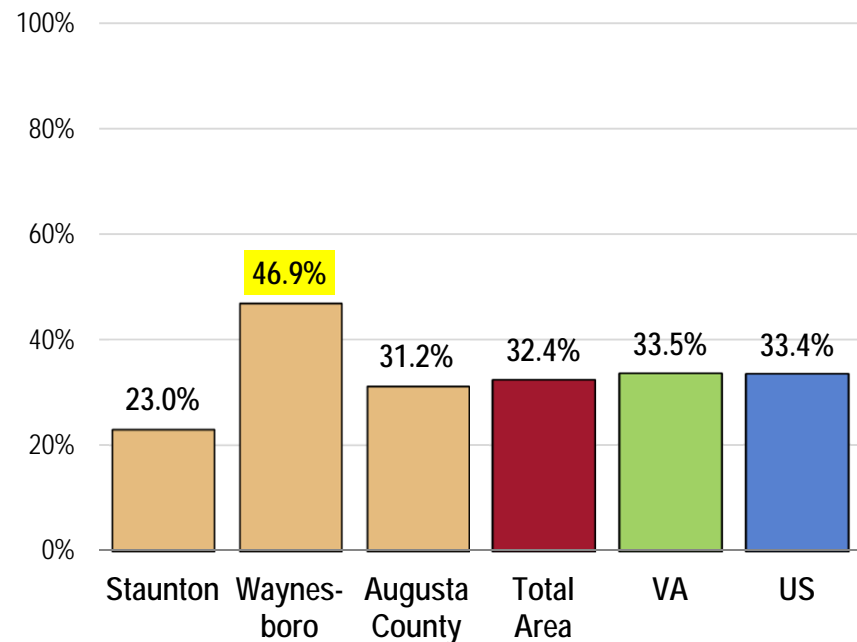
(Percent of Adults With a Body Mass Index of 25.0 or Higher)



Prevalence of Obesity

(Percent of Adults With a Body Mass Index of 30.0 or Higher)

Healthy People 2020 Target = 30.5% or Lower



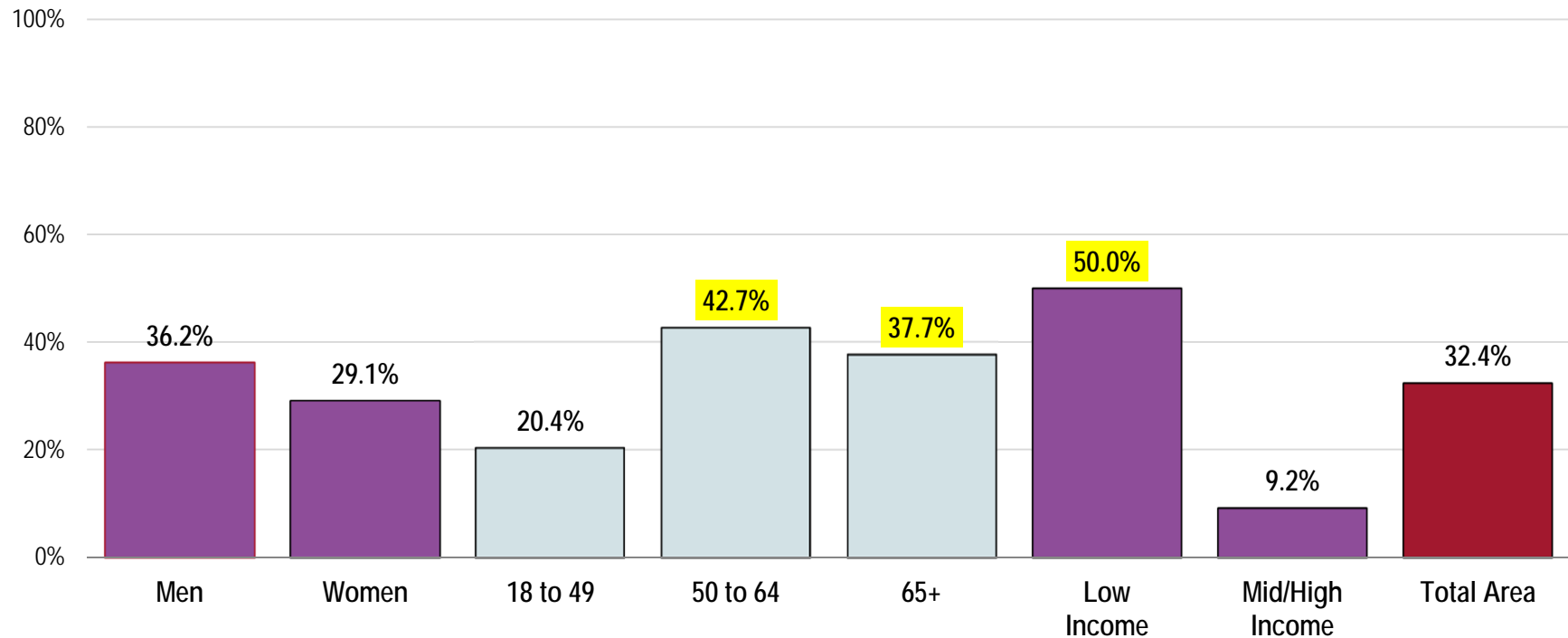
- Sources:
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Items 176-177]
 - 2015 PRC National Health Survey, Professional Research Consultants, Inc.
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2014 Virginia data.
- Notes:
- Based on reported heights and weights, asked of all respondents.
 - The definition of overweight is having a body mass index (BMI), a ratio of weight to height (kilograms divided by meters squared), greater than or equal to 25.0, regardless of gender. The definition for obesity is a BMI greater than or equal to 30.0.



Prevalence of Obesity

(Percent of Adults With a BMI of 30.0 or Higher; Total Area, 2016)

Healthy People 2020 Target = 30.5% or Lower



Sources:

- 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
- US Department of Health and Human Services. Healthy People 2020.

Notes:

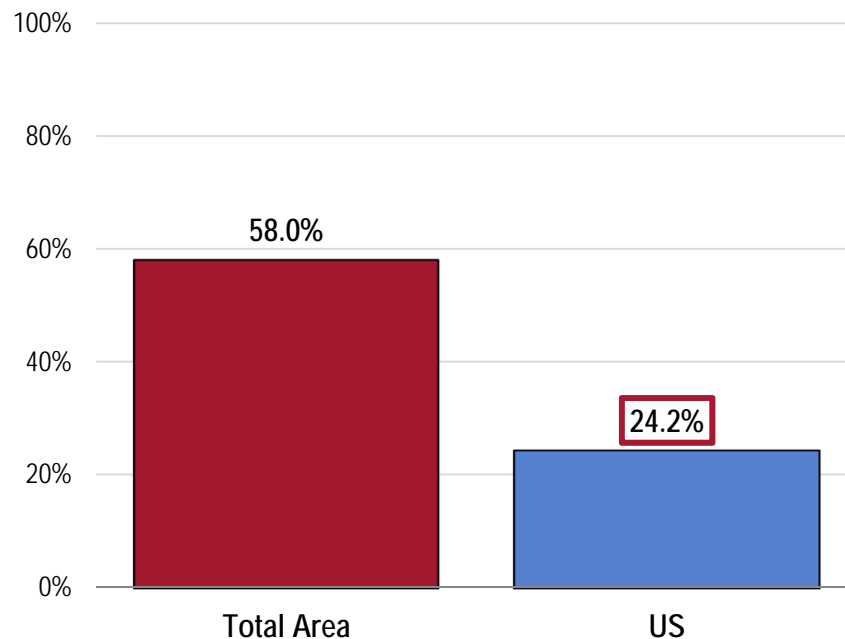
- Based on reported heights and weights, asked of all respondents.
- Income categories reflect respondent's household income with incomes up to 200% of the federal poverty level; "Mid/High Income" is 200% or higher.
- The definition of obesity is having a body mass index (BMI) of 30.0 or higher, regardless of gender.

Overall, fruit/vegetable consumption appears good in the area, while physical activity levels are low.



Child Total Overweight Prevalence

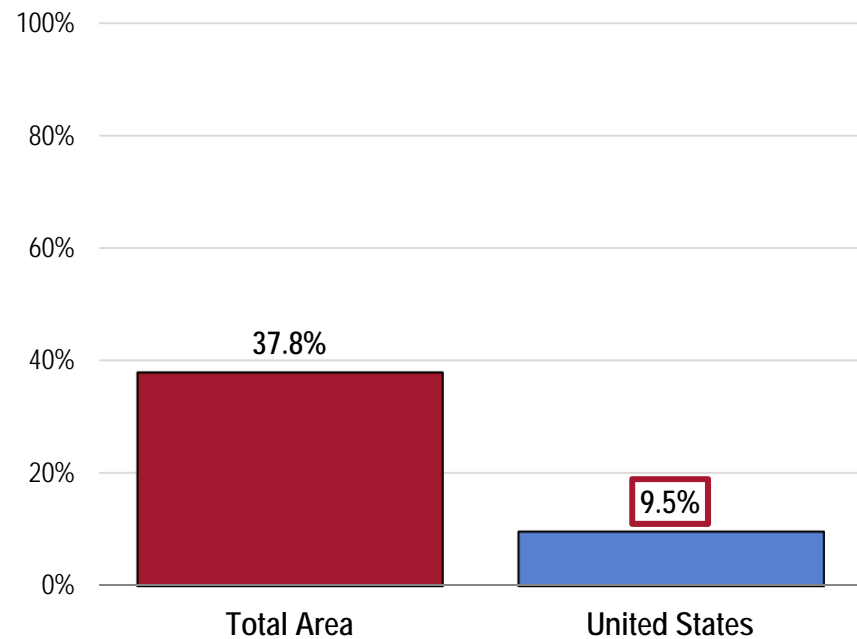
(Children Age 5-17 Who Are Overweight/Obese; BMI in the 85th Percentile or Higher)



Child Obesity Prevalence

(Children Age 5-17 Who Are Obese; BMI in the 95th Percentile or Higher)

Healthy People 2020 Target = 14.5% or Lower



Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item

• 2015 PRC National Health Survey, Professional Research Consultants, Inc.

Notes: • Asked of all respondents with children age 5-17 at home.

• Overweight among children is determined by children's Body Mass Index status at or above

These levels are very high, in spite of relatively high children's physical activity levels reported by parents.

Ranked
#1
among key
informants

Perceptions of Nutrition, Physical Activity, and Weight as a Problem in the Community (Key Informants, 2016)

■ Major Problem ■ Moderate Problem ■ Minor Problem ■ No Problem At All



Sources: • PRC Online Key Informant Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Top Reasons for "Major Problem" Responses:

- Obesity Prevalence
- Health Education
- Nutrition/Access to Healthful Food
- Lifestyles/Lack of Physical Activity



Key Informant Input

Professional Research Consultants, Inc.

General Health Status

Areas of Opportunity

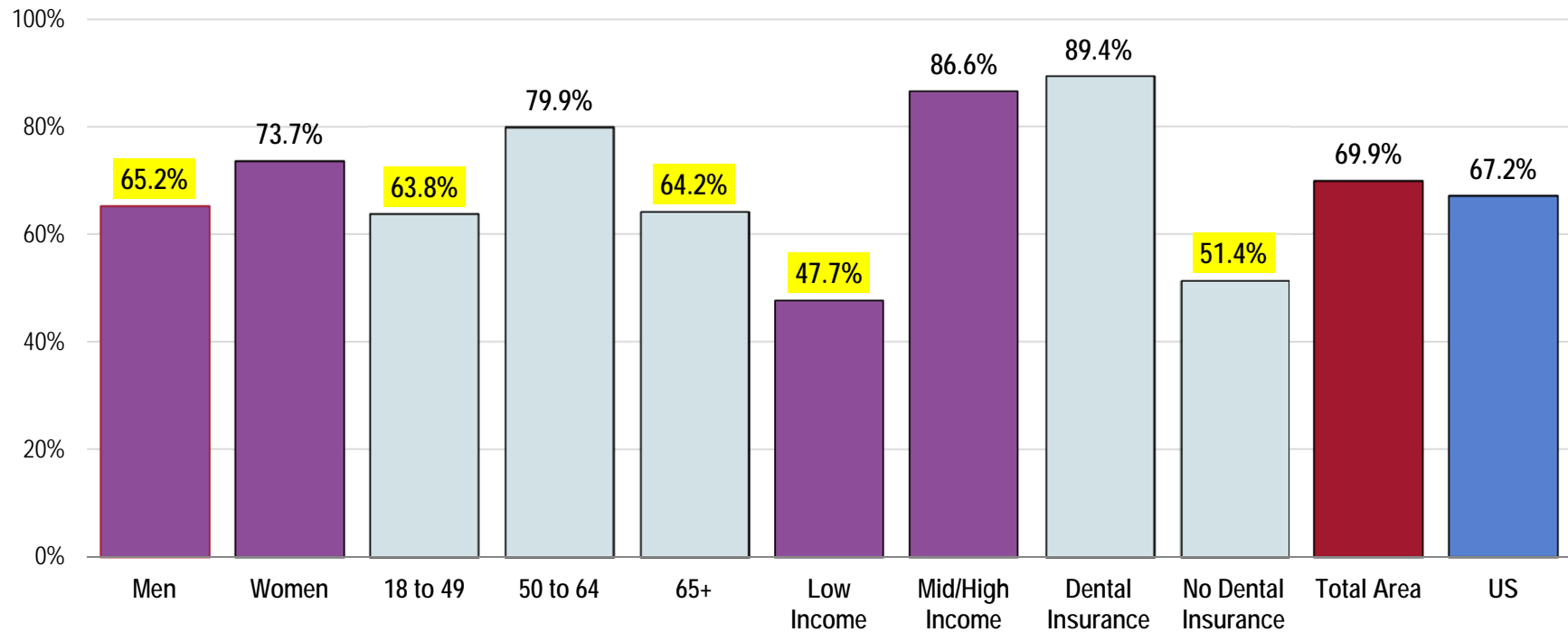
- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ **Oral Health**
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



Have Visited a Dentist or Dental Clinic Within the Past Year (Total Area, 2016)

Healthy People 2020 Target = 49.0% or Higher



Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 20]

● US Department of Health and Human Services. Healthy People 2020

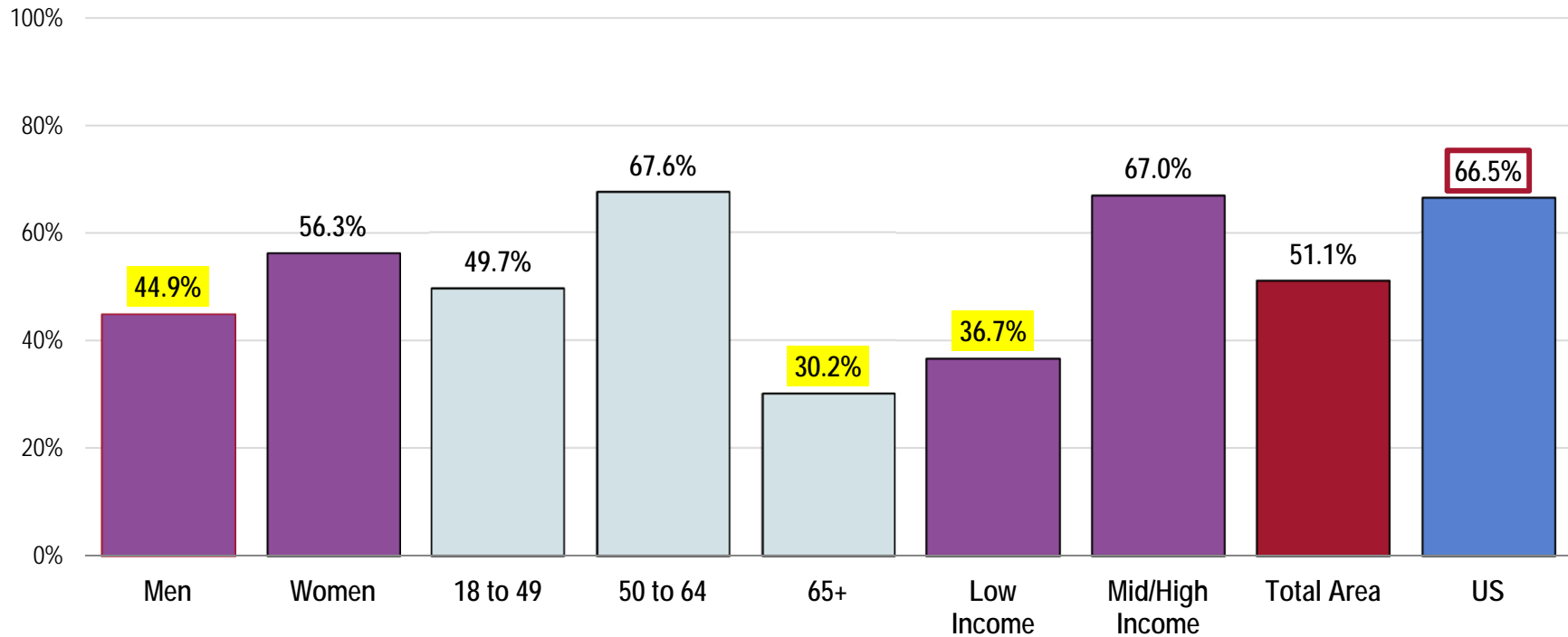
Notes: ● Asked of all respondents.

● Income categories reflect respondent's household income as a percentage of the federal poverty level; "Mid/High" income categories reflect household income as a percentage of the federal poverty level.

88.0% of children age 2-17 have had dental care in the past year (similar to US).



Have Insurance Coverage That Pays All or Part of Dental Care Costs (Total Area, 2016)



Sources: • 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 21]

Notes: • Asked of all respondents.

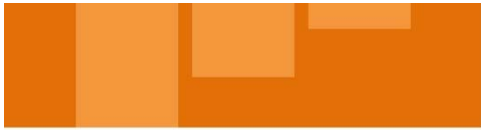
• Income categories reflect respondent's household income as a ratio to the federal poverty level (FPL) for their household size. "Low Income" includes households with incomes up to 200% of the federal poverty level; "Mid/High Income" includes households with incomes at 200% or more of the federal poverty level.

General Health Status

Areas of Opportunity

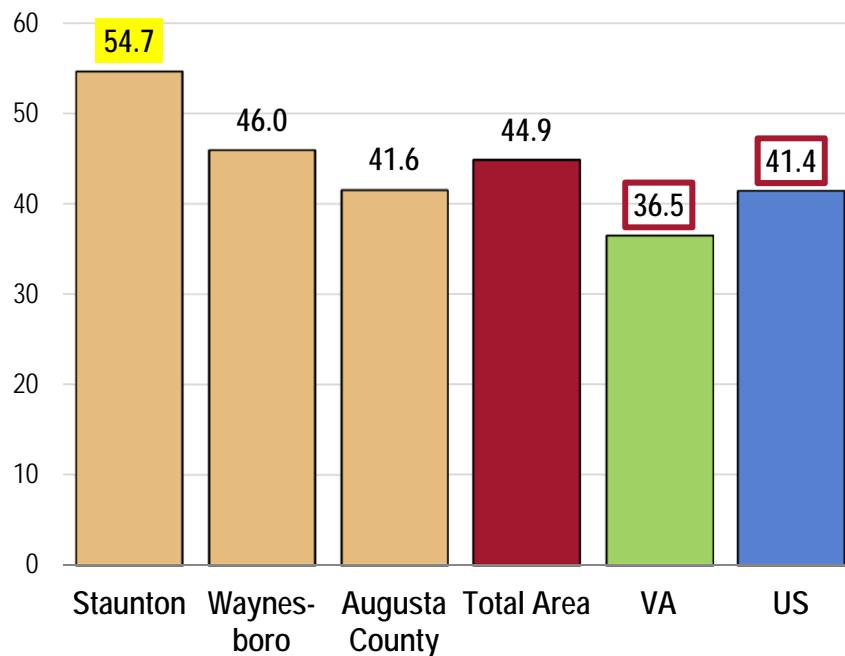
- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ **Respiratory Diseases**
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A



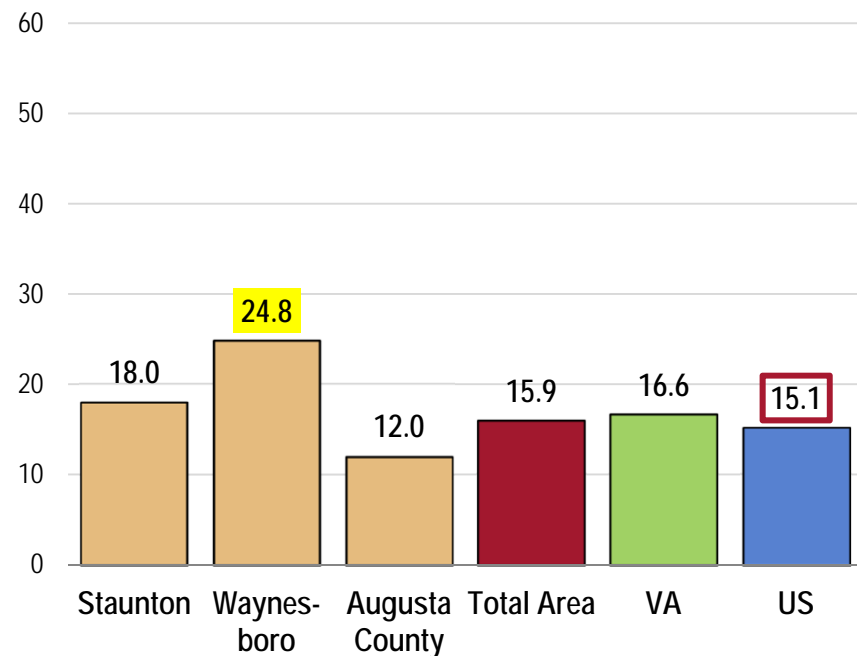
CLRD: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)



Pneumonia/Influenza: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)

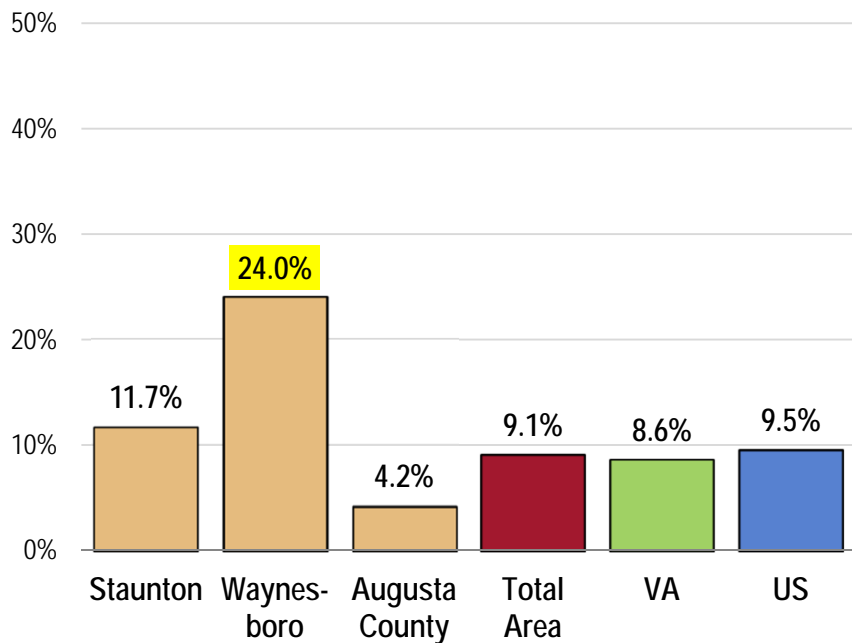


Sources: • CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted April 2016.

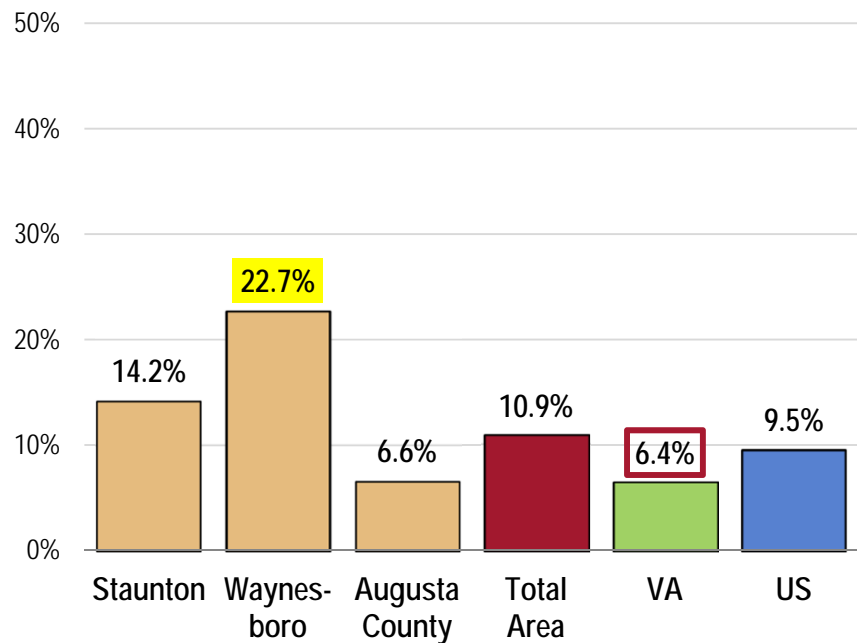
Notes: • Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).
• Rates are per 100,000 population, age-adjusted to the 2000 US Standard Population.
• CLRD is chronic lower respiratory disease.



Prevalence of
Asthma (Adults)



Prevalence of
Chronic Obstructive Pulmonary
Disease (COPD)



Asthma is particularly prevalent (19.2%) in lower-income adults. Also, asthma affects 9.3% of children, statistically similar to US findings.

nc. [Item 156]

United States Department of Health and Human Services, Centers for Disease Control

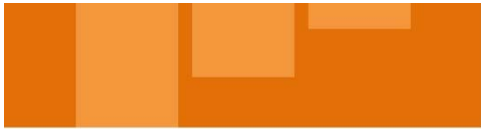
that they still have asthma.

General Health Status

Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ **Substance Abuse**
- ▶ Tobacco Use

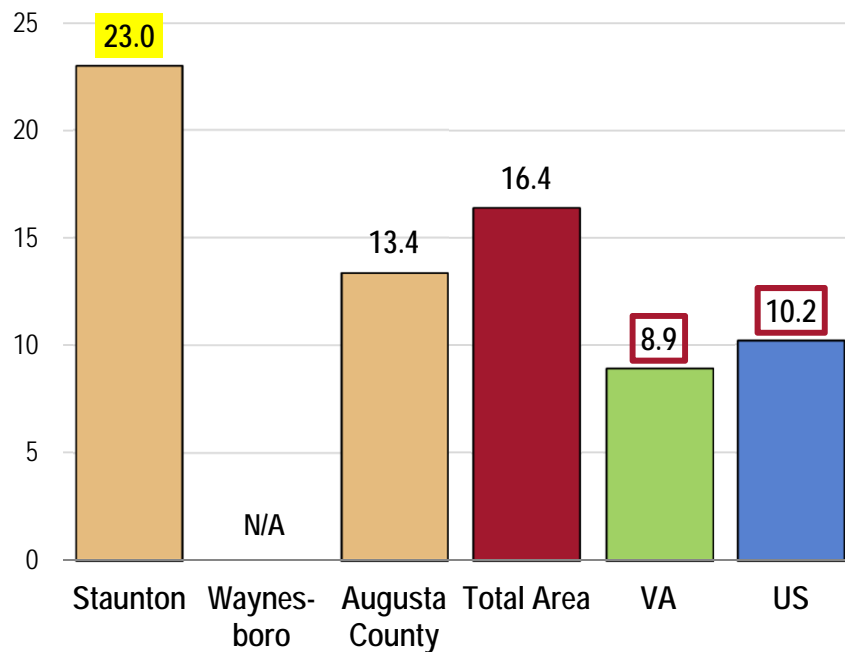
Q & A



Cirrhosis/Liver Disease: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)

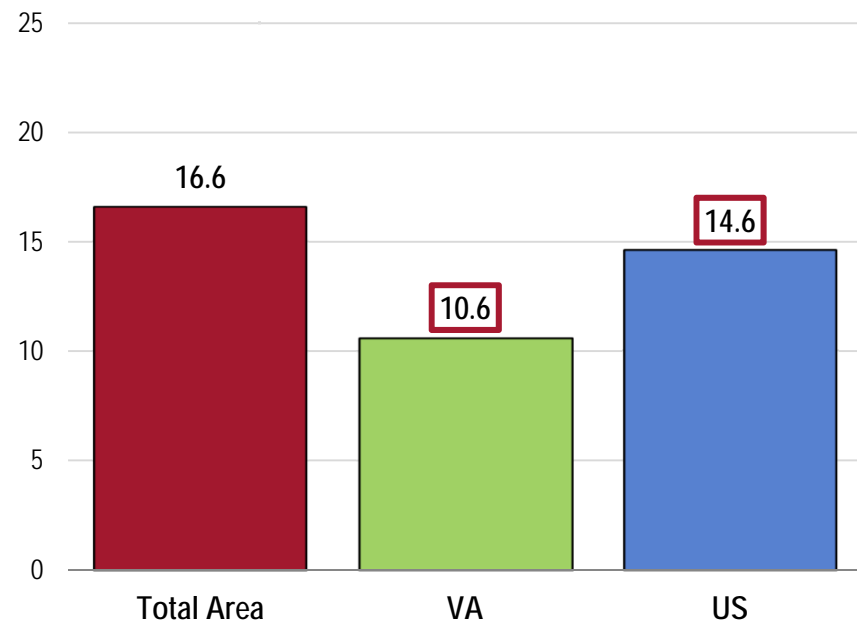
Healthy People 2020 Target = 8.2 or Lower



Drug-Induced Deaths: Age-Adjusted Mortality

(2012-2014 Annual Average Deaths per 100,000 Population)

Healthy People 2020 Target = 11.3 or Lower



Sources: • CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted April 2016.

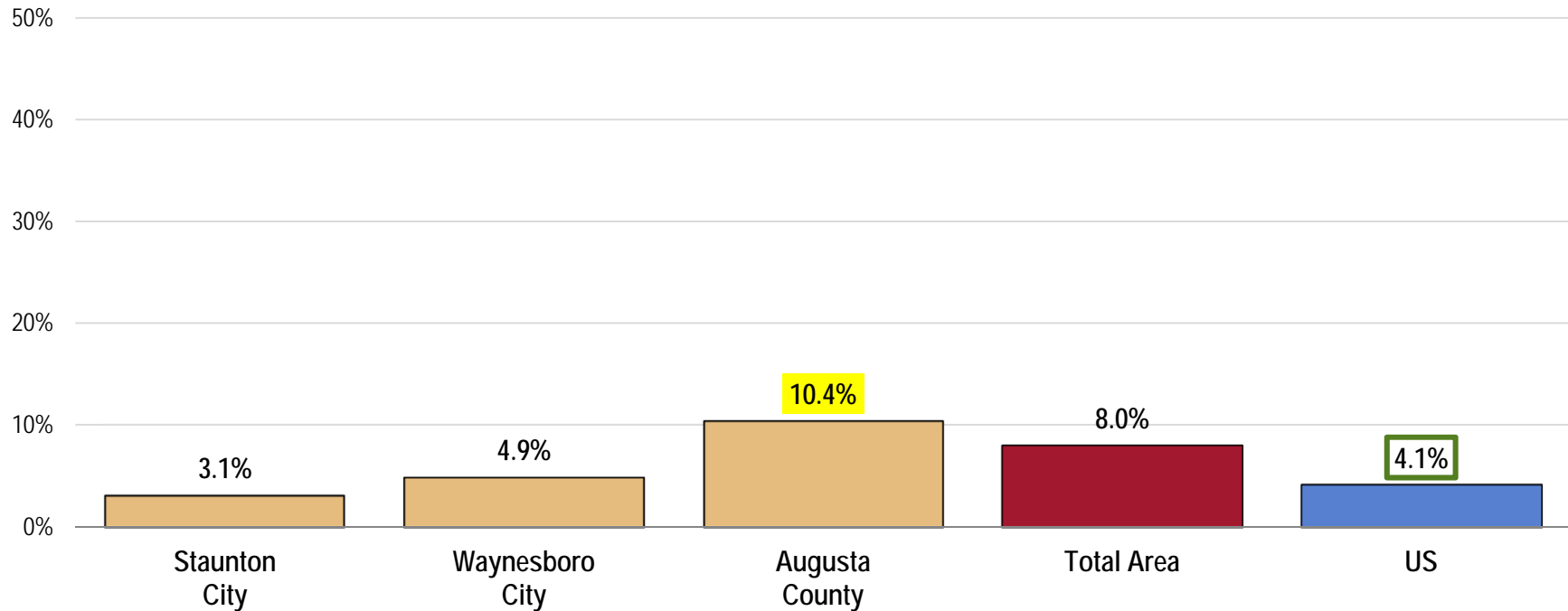
• US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective SA-11]

Notes: • Deaths are coded using the Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10).

• Rates are per 100,000 population, age-adjusted to the 2000 US Standard Population.



Have Ever Sought Professional Help for an Alcohol/Drug-Related Problem



Sources:

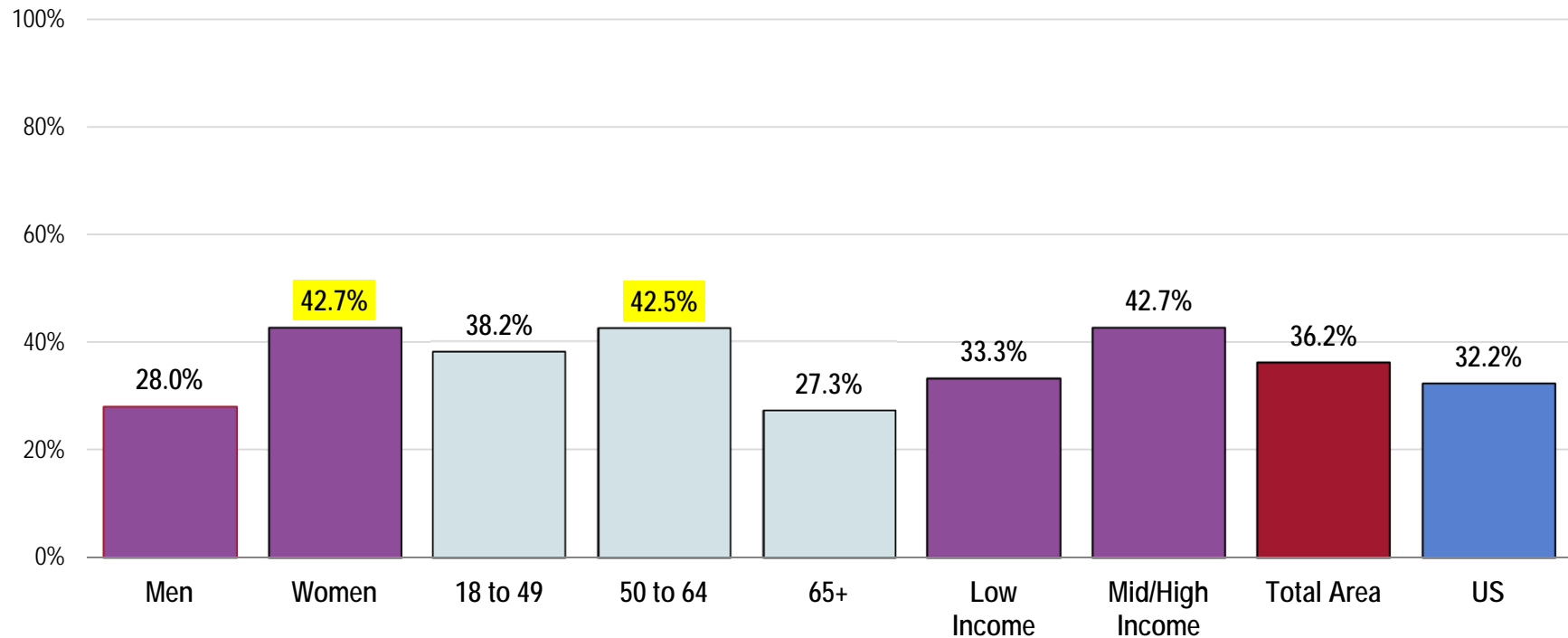
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 68]
- 2015 PRC National Health Survey, Professional Research Consultants, Inc.

Notes:

- Asked of all respondents.



Life Has Been Negatively Affected by Substance Abuse (by Self or Someone Else) (Total Area, 2016)



Sources: ● 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Item 69]

Notes: ● Asked of all respondents.

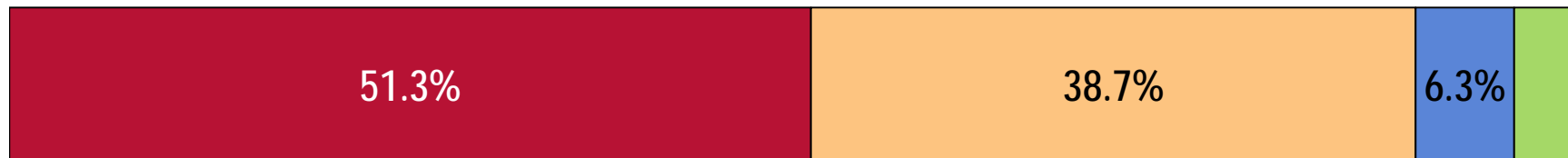
● Income categories reflect respondent's household income as a ratio to the federal poverty level (FPL) for their household. "Low Income" includes households with incomes up to 100% of the federal poverty level; "Mid/High Income" includes households with incomes at 200% of the federal poverty level or higher.

*Geographically,
highest (42.9%)
in Staunton.*

Ranked
#3
among key
informants

Perceptions of Substance Abuse as a Problem in the Community (Key Informants, 2016)

■ Major Problem ■ Moderate Problem ■ Minor Problem ■ No Problem At All



Sources: • PRC Online Key Informant Survey, Professional Research Consultants, Inc.
Notes: • Asked of all respondents.

Top Reasons for "Major Problem" Responses:

- Denial/Stigma
- Access to Care/Affordability
- Incidence/Prevalence
- Health Education



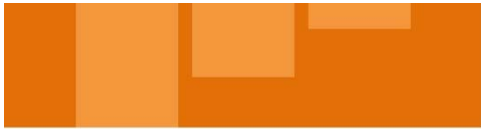
Key Informant Input

General Health Status

Areas of Opportunity

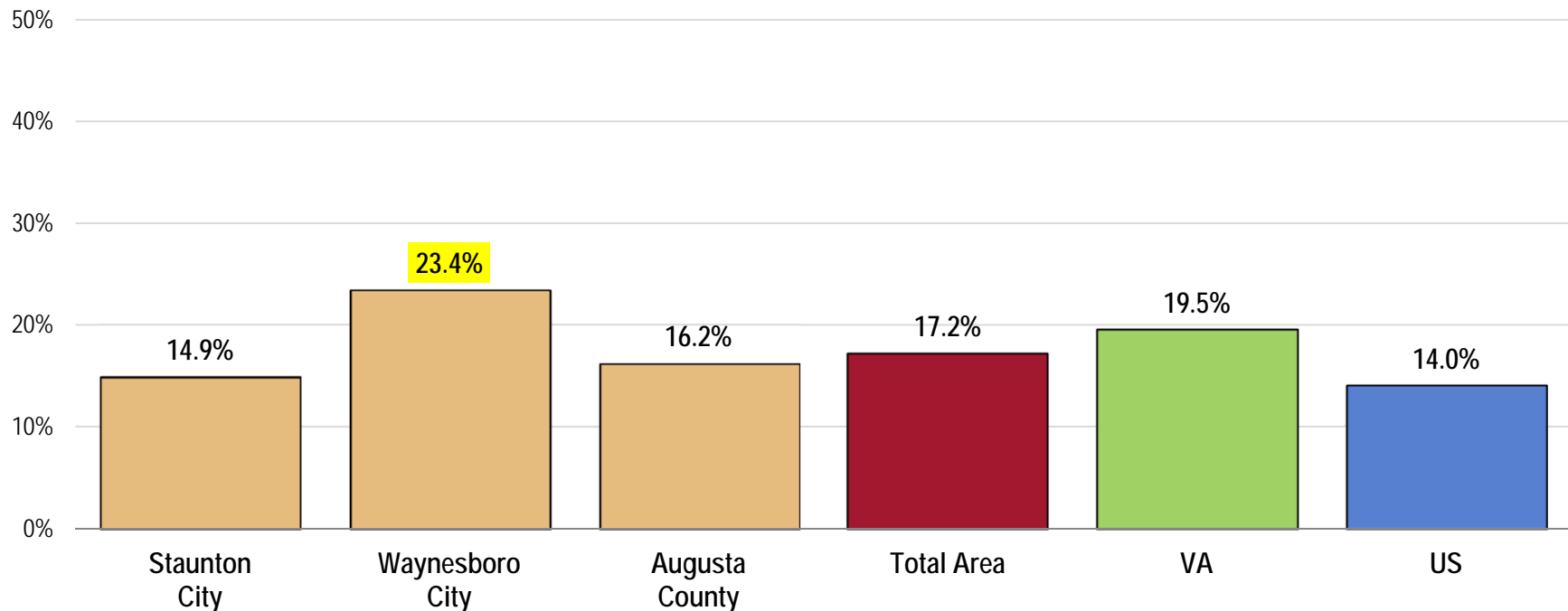
- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ **Tobacco Use**

Q & A



Current Smokers

Healthy People 2020 Target = 12.0% or Lower

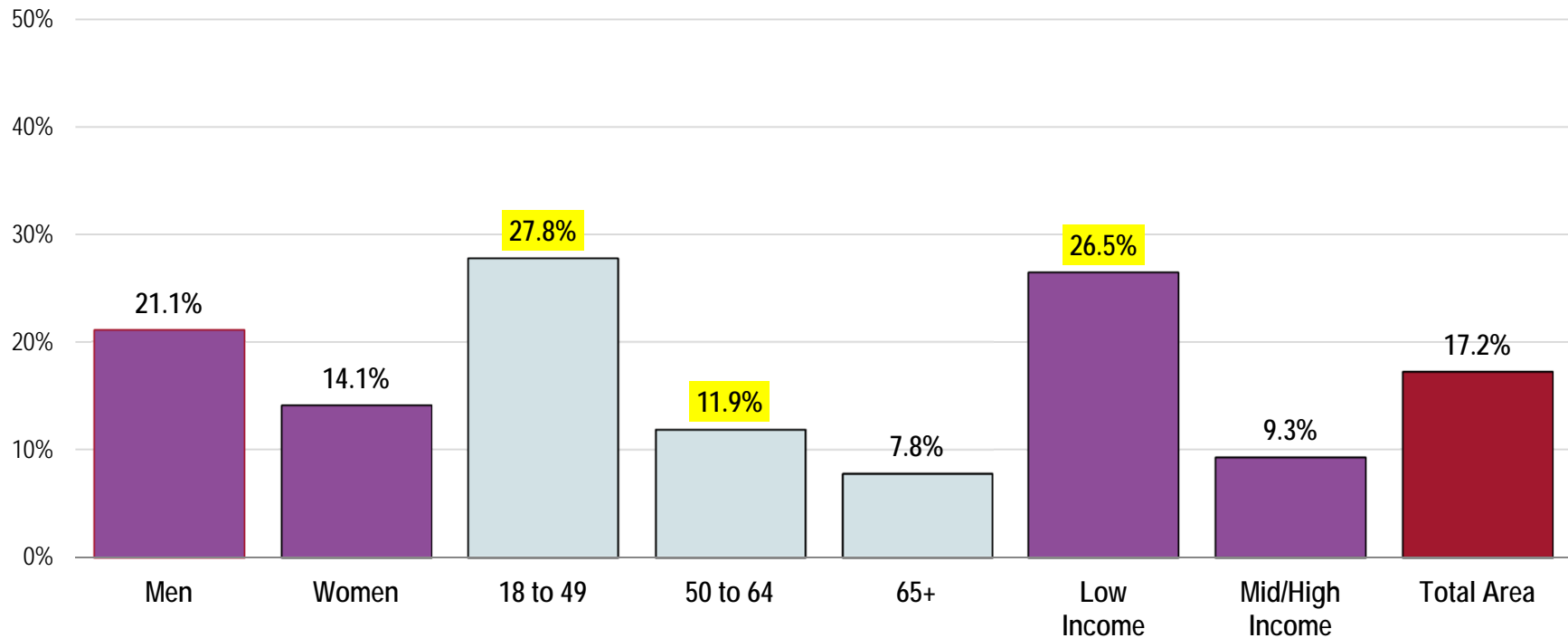


- Sources:
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Items 57, 181]
 - 2015 PRC National Health Survey, Professional Research Consultants, Inc.
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2014 Virginia data.
 - US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective TU-1.1]
- Notes:
- Asked of all respondents.
 - Includes regular and occasional smokers (those who smoke cigarettes every day or on some days).



Current Smokers (Total Area, 2016)

Healthy People 2020 Target = 12.0% or Lower



Sources:

- 2016 PRC Community Health Survey, Professional Research Consultants, Inc.
- US Department of Health and Human Services. Healthy People 2020.

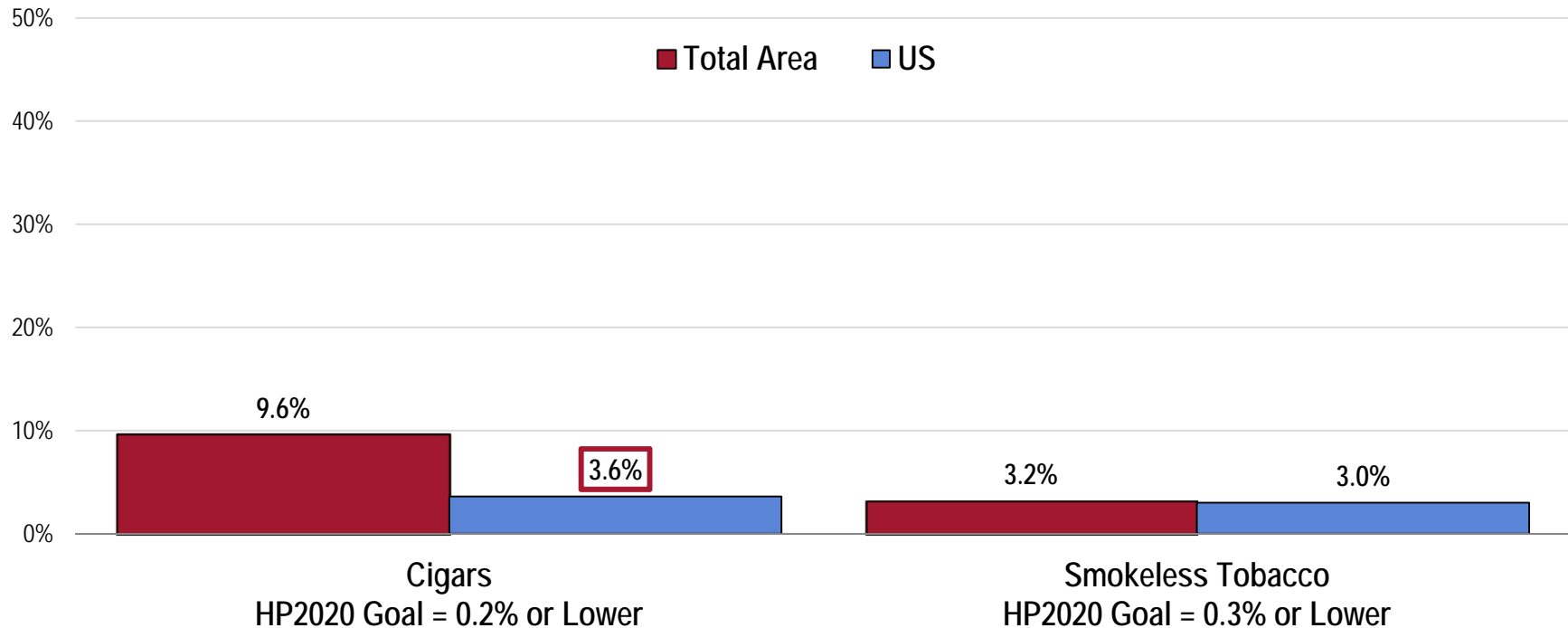
Notes:

- Asked of all respondents.
- Income categories reflect respondent's household income as a ratio to the federal poverty level; "Mid/High Income" includes those with incomes up to 200% of the federal poverty level.
- Includes regular and occasion smokers (every day and some days).

17.2% of residents live in a home where someone smokes regularly (US=10.2%).



Other Tobacco Use



- Sources:
- 2016 PRC Community Health Survey, Professional Research Consultants, Inc. [Items 59-60]
 - 2015 PRC National Health Survey, Professional Research Consultants, Inc.
 - Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia. United States Department of Health and Human Services, Centers for Disease Control and Prevention (CDC): 2014 Virginia data.
 - US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objectives TU-1.2, TU-1.3]
- Notes:
- Reflects the total sample of respondents.
 - Smokeless tobacco includes chewing tobacco or snuff.

Areas of Opportunity

- ▶ Access to Healthcare Services
- ▶ Cancer
- ▶ Chronic Kidney Disease
- ▶ Dementia, Including Alzheimer's Disease
- ▶ Diabetes
- ▶ Heart Disease & Stroke
- ▶ Injury & Violence
- ▶ Mental Health
- ▶ Nutrition, Physical Activity & Weight
- ▶ Oral Health
- ▶ Respiratory Diseases
- ▶ Substance Abuse
- ▶ Tobacco Use

Q & A

Questions?



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Prioritizing Health Needs

Criteria for Prioritizing Health Needs

Today, you will be asked to rate each area of opportunity along two specific sets of criteria (details to follow):

Scope & Severity

- Rate how much of a problem each issue is for our community.
(i.e., How big is the problem?)

Ability to Impact

- Rate how much we are able to have a positive impact, either alone or with community partners.
(i.e., Can we make a difference?)

Guidance & Advocacy

Before we begin, are there any of these “Areas of Opportunity” that you would like to lobby for?

AREAS OF OPPORTUNITY

- Access to Healthcare Services
- Cancer
- Chronic Kidney Disease
- Dementias, Alzheimer's Disease
- Diabetes
- Heart Disease & Stroke
- Injury & Violence
- Mental Health
- Nutrition, Physical Activity & Weight
- Oral Health
- Respiratory Diseases
- Substance Abuse
- Tobacco Use

Criteria for Prioritizing Health Needs: **Criterion 1**

Scope & Severity

- How many people are affected by this health issue?
- How do we compare to state or national levels, or Healthy People 2020 targets?
- To what degree does this lead to death or disability, impair quality of life, or impact other health issues?

SCALE: Scope & Severity

NOT very prevalent at all, with only minimal health consequences

1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ 6 ↔ 7 ↔ 8 ↔ 9 ↔ 10

EXTREMELY prevalent, with very serious health consequences

Scope & Severity Ranking

8.88	Nutrition, Physical Activity & Weight
8.14	Diabetes
7.75	Heart Disease & Stroke
7.68	Mental Health
7.55	Cancer
7.53	Substance Abuse
6.47	Dementias, Including Alzheimer's Disease
6.13	Access to Healthcare Services
6.09	Injury & Violence
5.98	Tobacco Use
5.88	Respiratory Diseases
5.14	Chronic Kidney Disease
4.21	Oral Health

Criteria for Prioritizing Health Needs: **Criterion 2**

Ability to Impact

- What is the likelihood of our organization having a positive impact on this health issue?
- This should reflect our ability to address this issue independently or in conjunction with potential community partners.

SCALE: Ability to Impact

NO ability to impact

1

↔

2

↔

3

↔

4

↔

5

↔

6

↔

7

↔

8

↔

9

↔

10

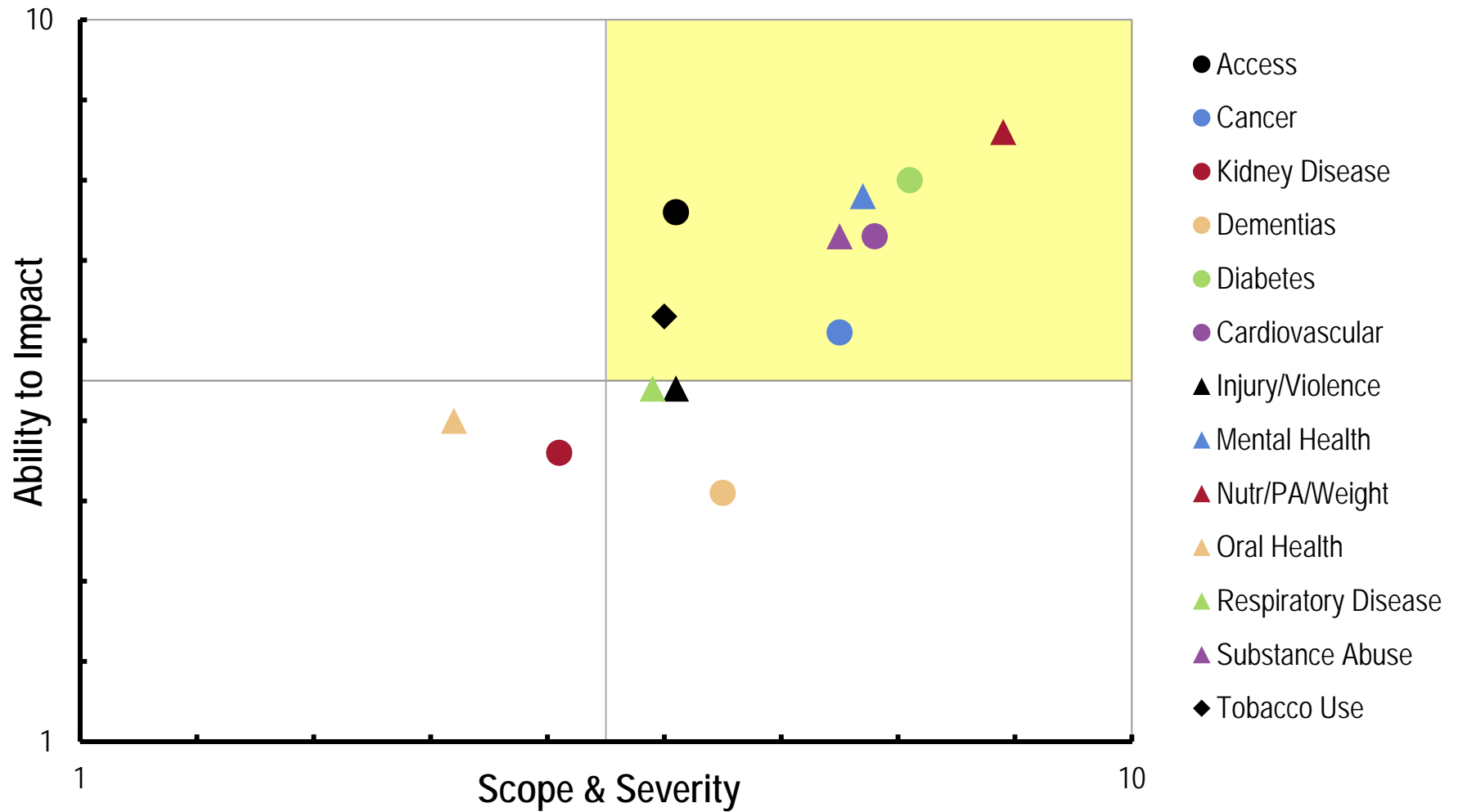
GREAT ability to impact

Ability to Impact Ranking

8.59	Nutrition, Physical Activity & Weight
8.02	Diabetes
7.84	Mental Health
7.59	Access to Healthcare Services
7.30	Substance Abuse
7.30	Heart Disease & Stroke
6.34	Tobacco Use
6.12	Cancer
5.45	Injury & Violence
5.41	Respiratory Diseases
5.00	Oral Health
4.59	Chronic Kidney Disease
4.07	Dementias, Including Alzheimer's Disease

Quadrant Analysis Results

Prioritization of Community Issues



Next Steps

Thank You!



Professional Research Consultants, Inc.

Bruce Lockwood

Director, Community Health

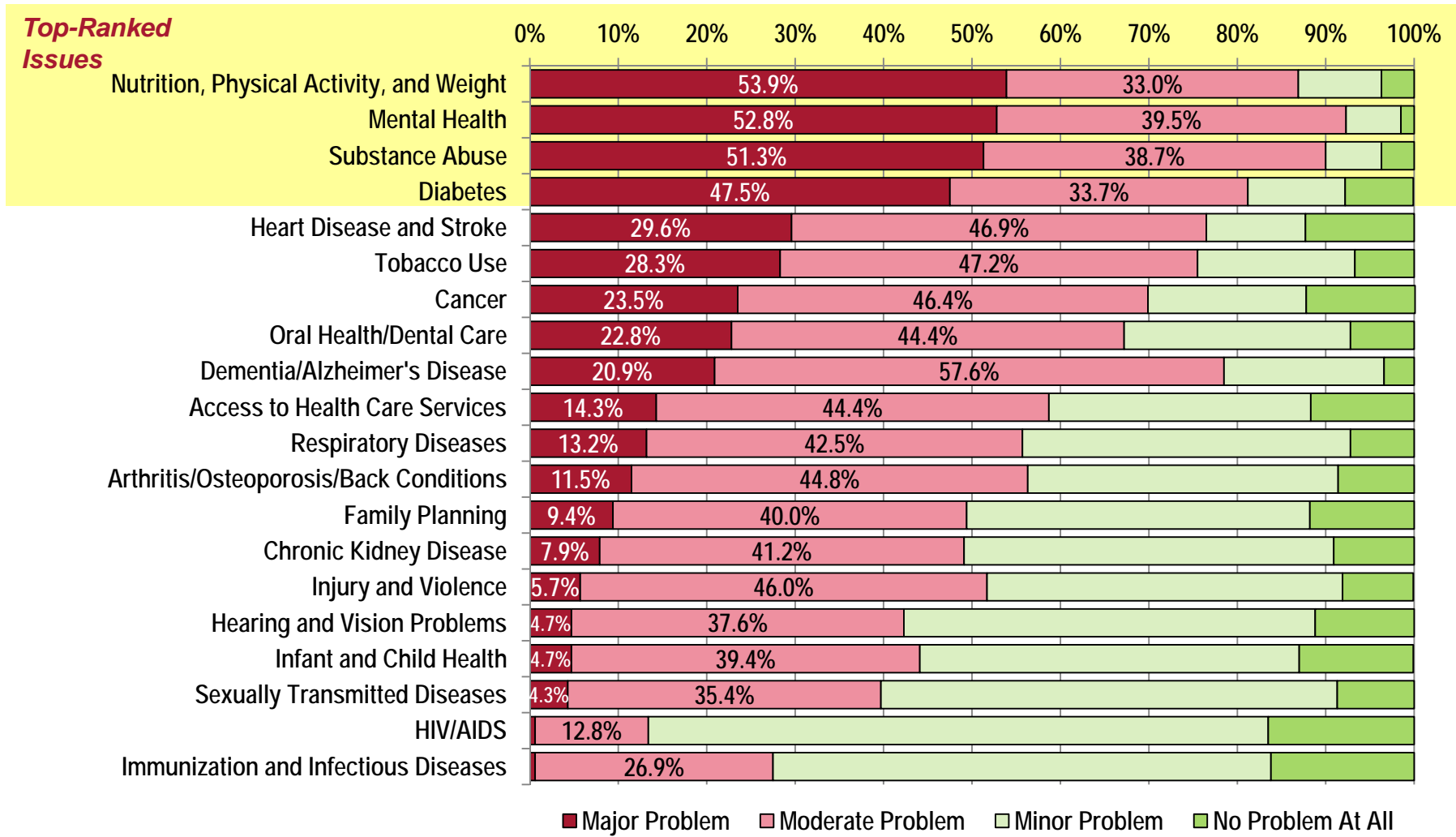
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Keypoint Interactive

- *SAVE presentation*
- *Write down scores in case!*
- *Keypoint > Reports > Create Report(s)*
- *Close presentation*
- *REMOVE Transceiver!*

Key Informants: Relative Position of Health Topics as Problems in the Community





Additional Areas of Concern for Waynesboro City (in addition to the identified Areas of Opportunity)

Access to Healthcare Services	<ul style="list-style-type: none">• Cost of Dr. Visits• Stretching Prescriptions
Cancer	<ul style="list-style-type: none">• Female Breast Cancer Incidence• Colorectal Cancer Incidence• Cancer Prevalence (Skin & Other)
Heart Disease & Stroke	<ul style="list-style-type: none">• Heart Disease Deaths• Heart Disease Prevalence• Blood Pressure Screening• Overall Cardiovascular Risk
Infant Health & Family Planning	<ul style="list-style-type: none">• Teen Births• Infant Mortality
Nutrition, Physical Activity & Weight	<ul style="list-style-type: none">• Obesity Prevalence• Low Food Access
Potentially Disabling Conditions	<ul style="list-style-type: none">• Hearing Loss• Falls
Respiratory Disease	<ul style="list-style-type: none">• COPD Prevalence• Asthma Prevalence
Tobacco Use	<ul style="list-style-type: none">• Cigarette Smoking