

State of Children's Health in the Kansas City Region Presentation to Weighing In Coalition

Children's Mercy Kansas City

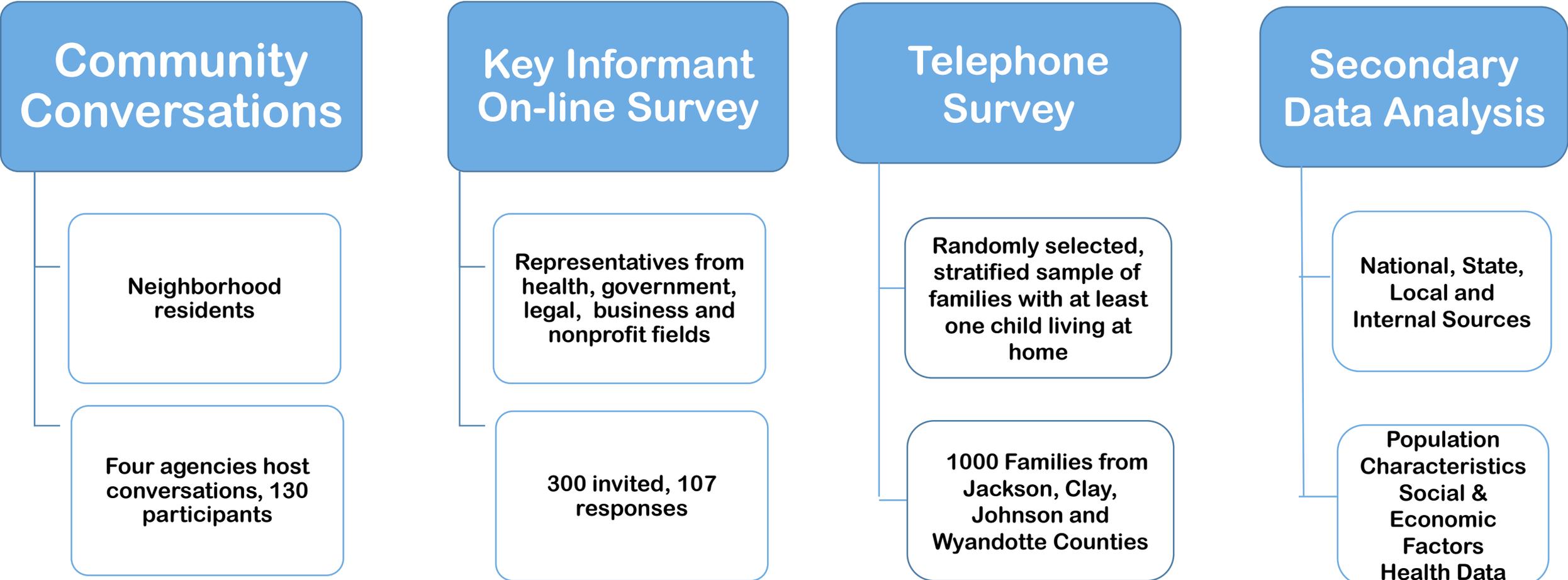
Contact: Margo Quiriconi, Director Community Health Initiatives

mlquiriconi@cmh.edu

Why a CHA?

- Provides perspective of what is happening across the community
- Helps to better gauge gaps and needs
- Leverages ACA requirement for non-profit hospitals

CHA Methodology- 2018-19



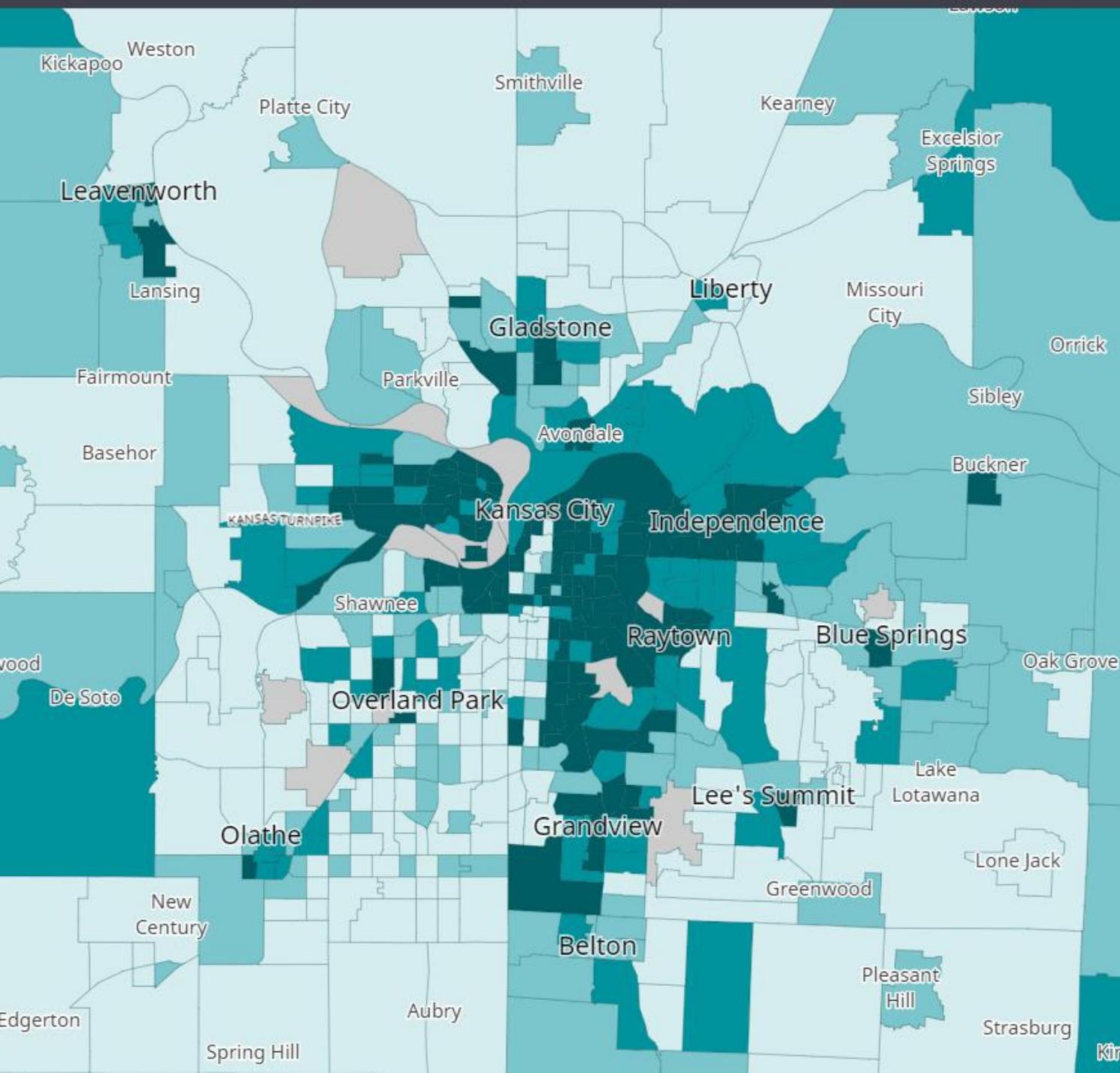
Health happens where children live, learn, and play



LOVE WILL.

Demographics of Children in the Kansas City Region

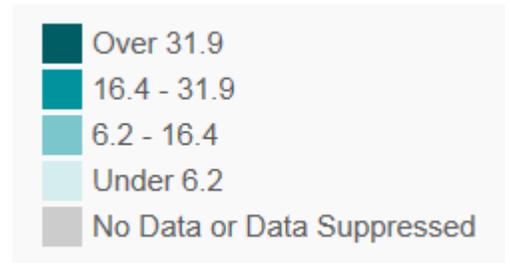
- Close to 450,000 children or just over a quarter of the total population
- Largest number of children live in Jackson County
- In Wyandotte County 40% of total pop are children
- The number of Hispanic children by county ranges from approx. 5,400 in Clay to 22,400 in Jackson.



Children in Poverty

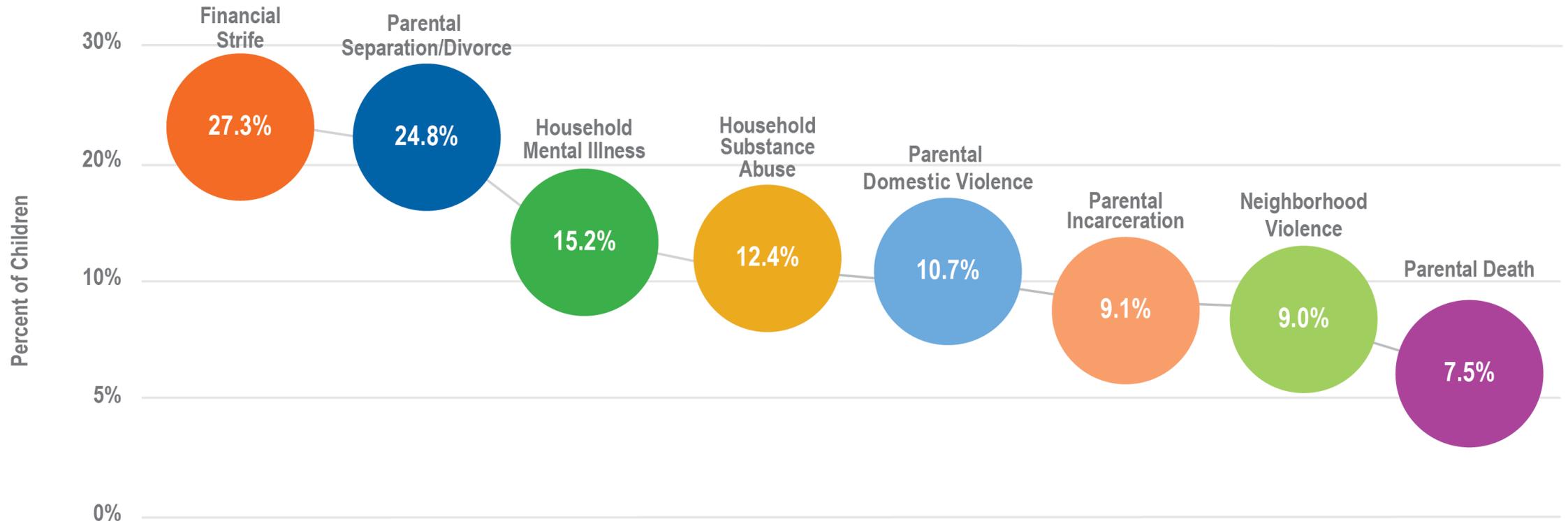
Ages under 18 years (%)
 Kansas City Region
 ACS 2012 -2016 by Tract

Legend:



Adverse Childhood Experiences (ACEs)

(Total Service Area Children Age 0-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 338-345]

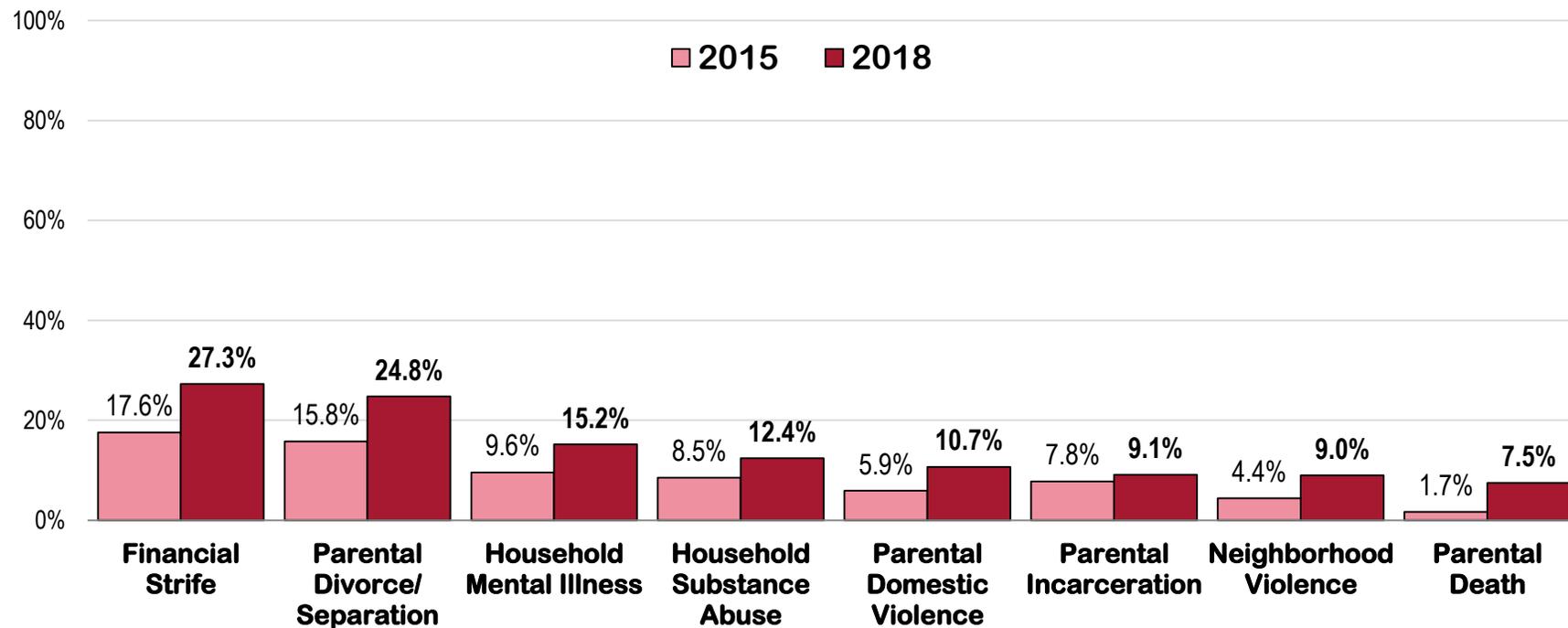
Notes:

- Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Adverse Childhood Experiences (ACEs)

(Total Service Area Children Age 0-17)



Sources: ● 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 338-345]

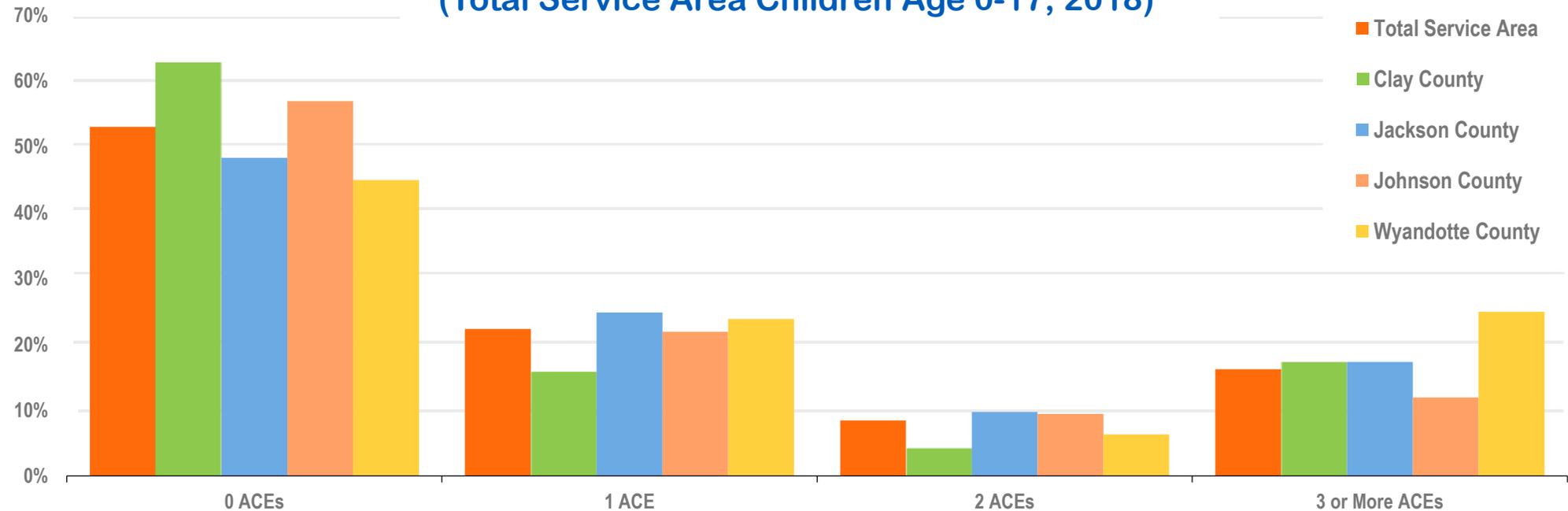
Notes: ● Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*,

<https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Total Number of Adverse Childhood Experiences (ACEs)

(Total Service Area Children Age 0-17, 2018)



	0 ACEs	1 ACE	2 ACE	3 or more ACEs
Total Service Area	53.0%	22.3%	8.4%	16.2%
Clay County	62.7%	15.8%	4.2%	17.3%
Jackson County	48.3%	24.8%	9.7%	17.3%
Johnson County	56.9%	21.9%	9.4%	11.9%
Wyandotte County	44.9%	23.8%	6.3%	24.9%

8.0% in 2015

Sources: ● 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 365]

Notes: ● Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>



Districts with Over 100 Students who Identify as Homeless*

2017-18 School Year

District	# Student Homeless
Kansas City, Missouri	1,200
Independence	964
Kansas City, Kansas	942
Raytown	532
North Kansas City	514
Hickman Mills	482
Fort Osage	462
Olathe	427
Shawnee Mission	346
Hogan	326
Excelsior Springs	166
Turner	137
Lee's Summit	125
Liberty	121
Center	119
Smithville	117
Blue Valley	112

8,002 students
ALL Districts in the four
counties
SY17-18

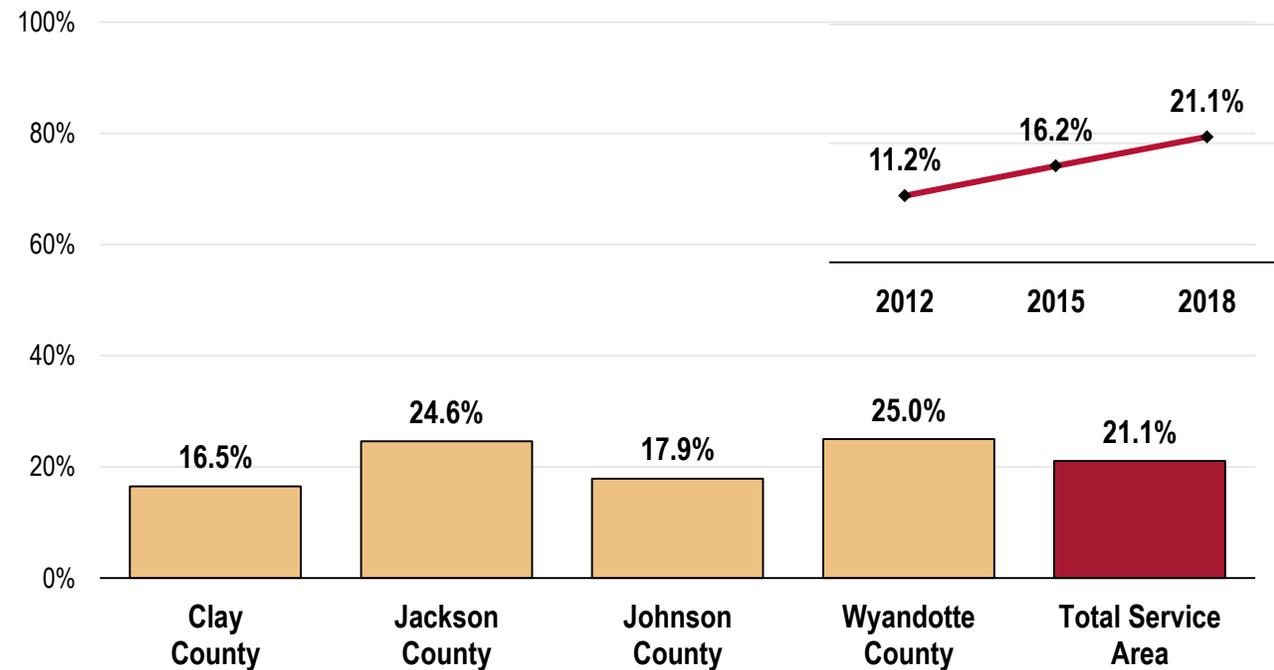
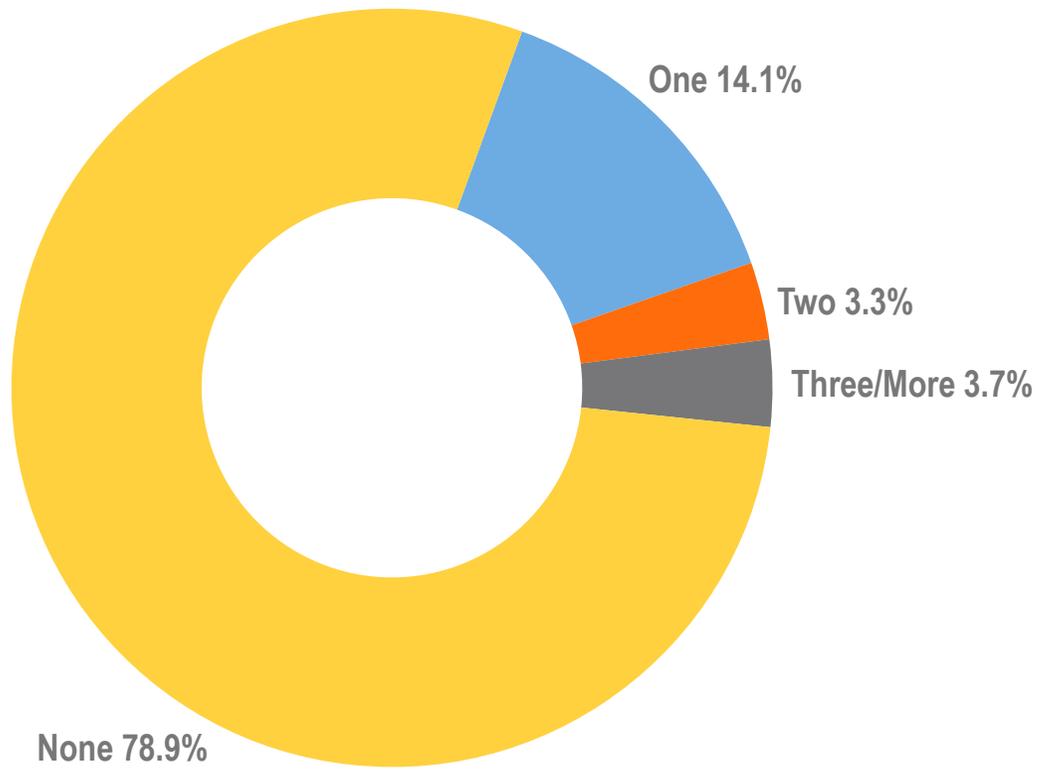
Source: Kansas and Missouri Departments of Education,

*McKinney-Vento definition of homeless

For more information see: The State of Children's Health in the Kansas City Region, 2019, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Moved Residences Past Year

(Total Service Area, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 352]

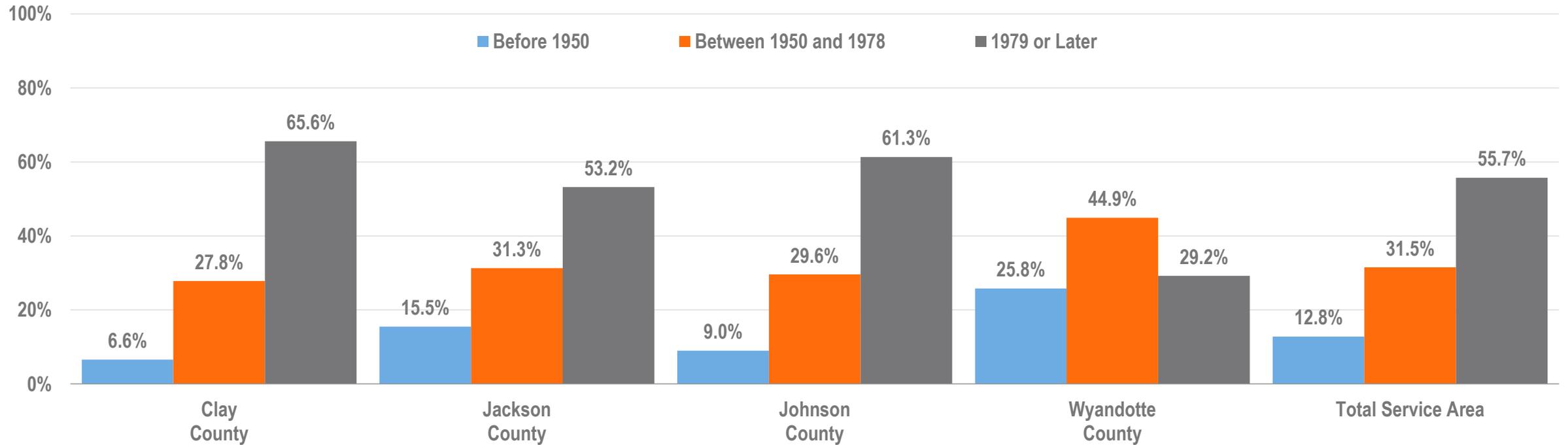
Notes:

- Asked of all respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Year Home Was Built

(Households With Children; Total Service Area, 2018)



Sources:

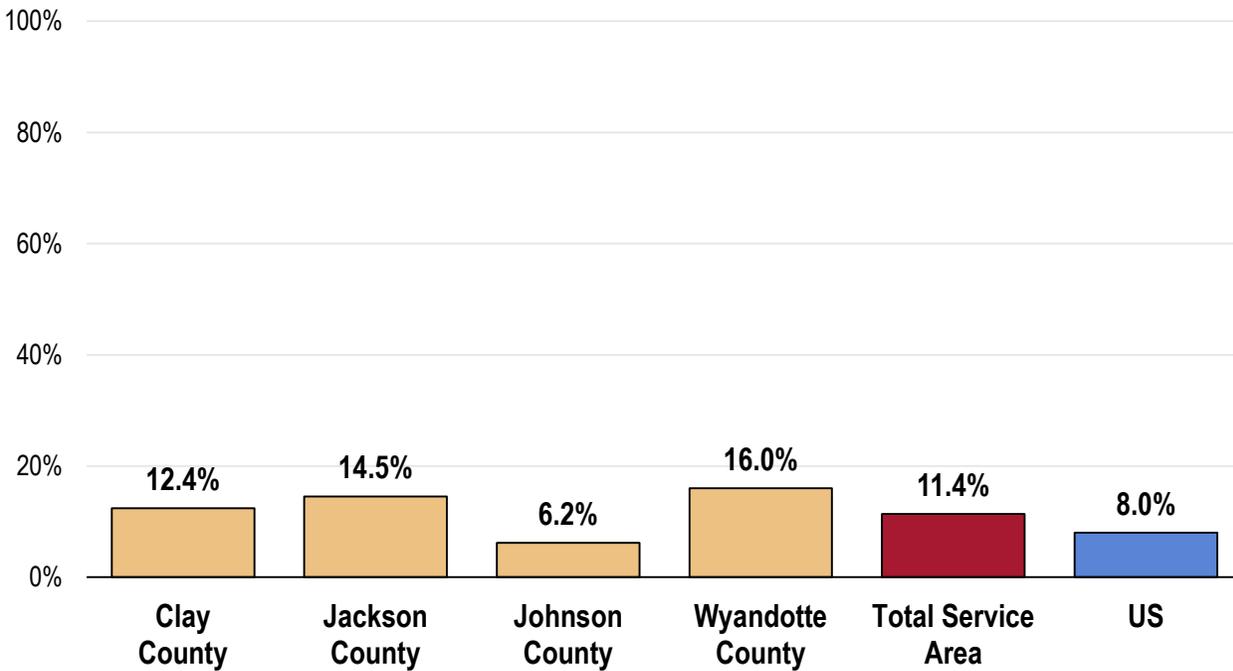
- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 356]

Notes:

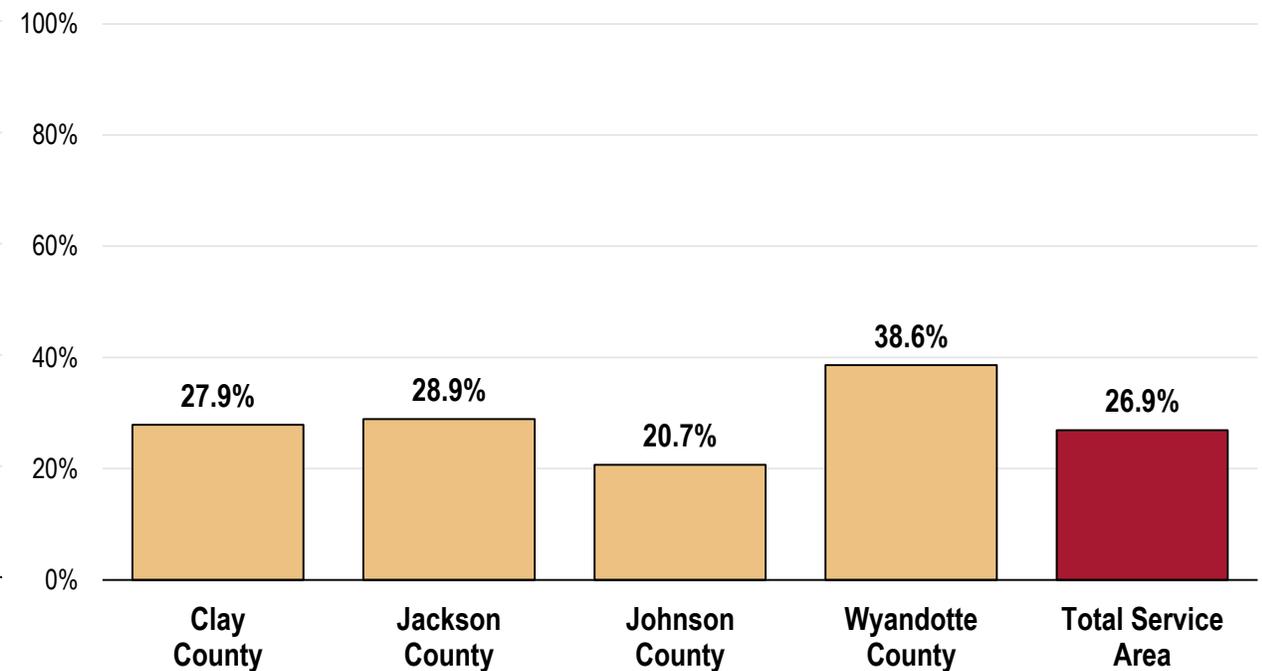
- Reflects the total sample of respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Someone Smokes Tobacco Inside the House (Total Service Area, 2018)



Someone Smokes Tobacco Outside the House (Total Service Area, 2018)



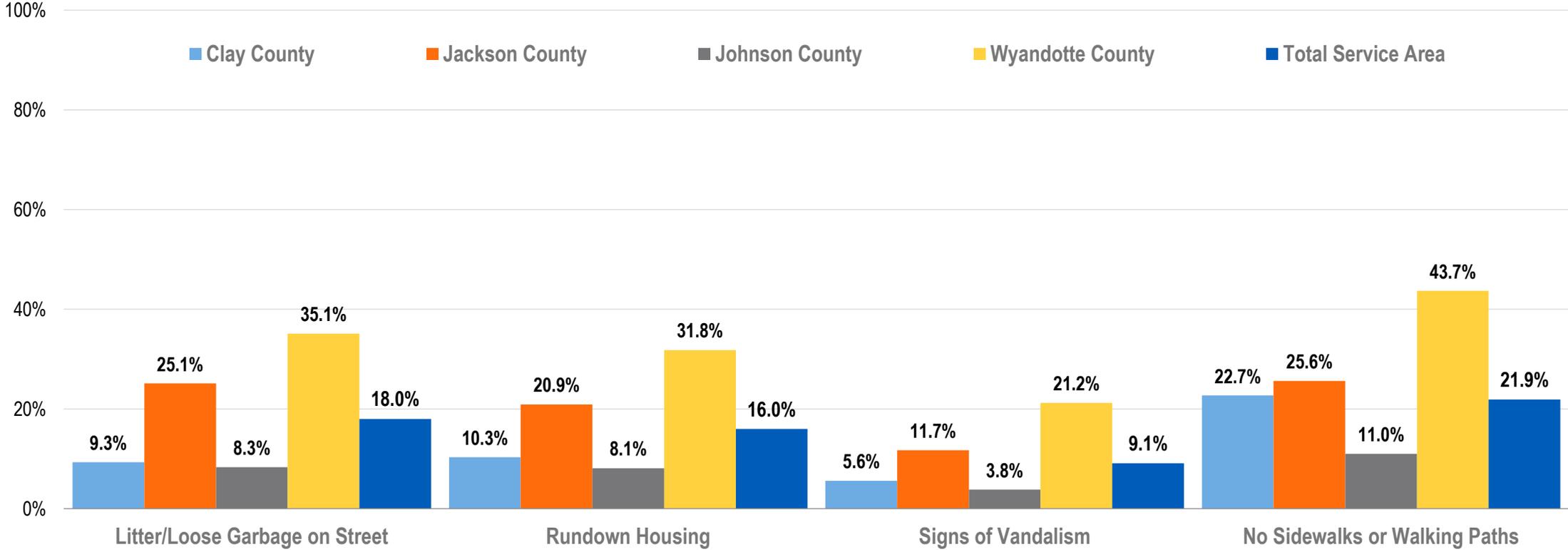
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 102]
 • 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes: • Asked of all respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Neighborhood Characteristics

(Total Service Area, 2018)



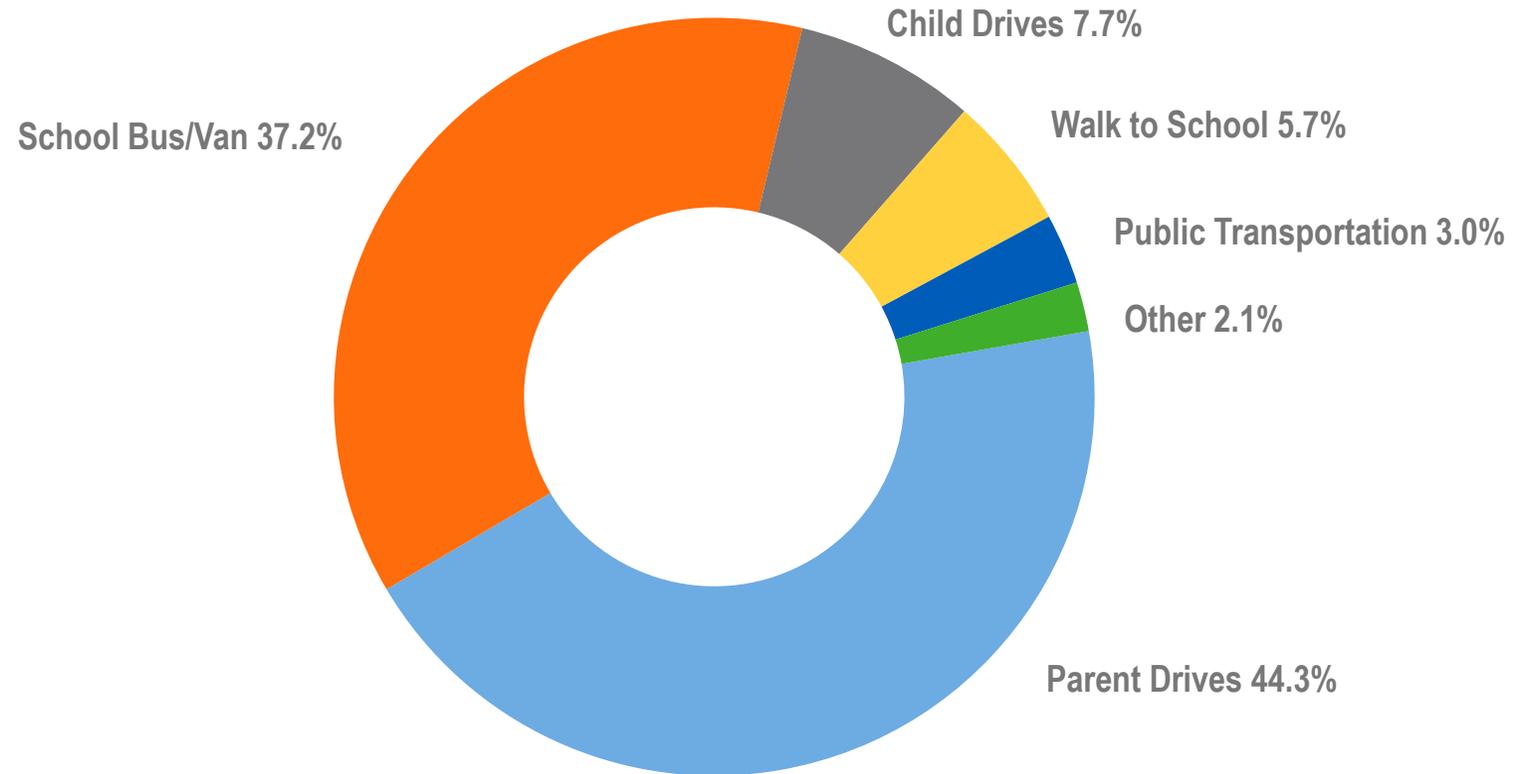
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 348-351]

Notes: • Reflects the total sample of respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Transportation to Child's School

(Total Service Area Children Age 5-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 320]

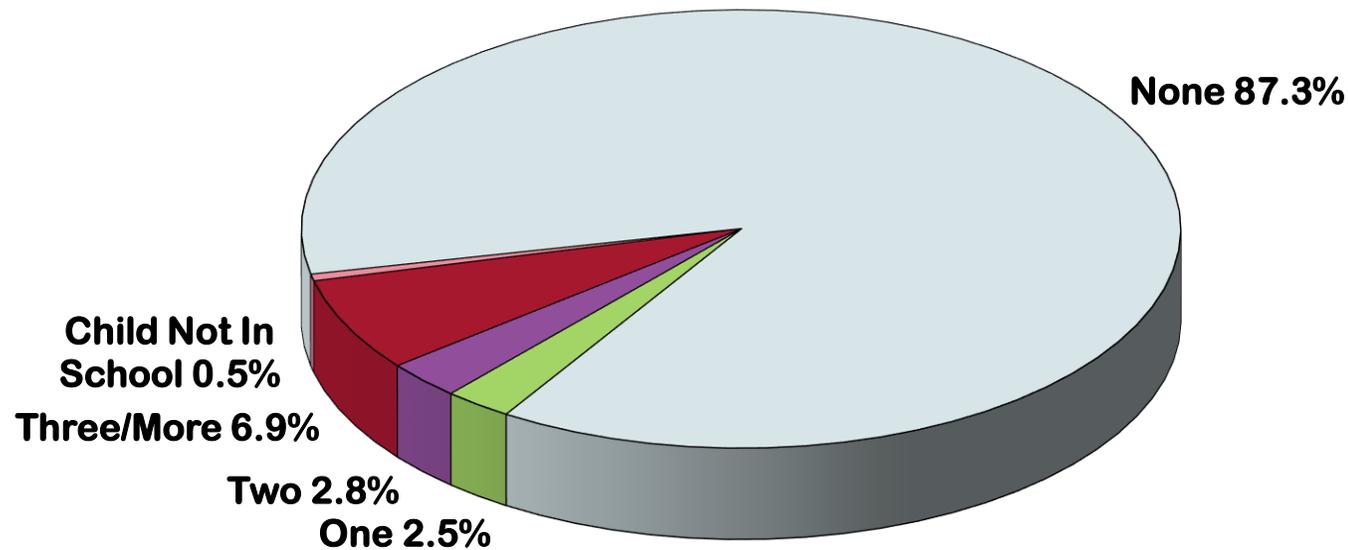
Notes:

- Asked of all respondents with a randomly selected child age 5-17 at home; excludes those who are homeschooled

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

School Days Missed in the Past Year Because Child Felt Unsafe at School or on the Way to/from School

(Total Service Area Children Age 5-17, 2018)



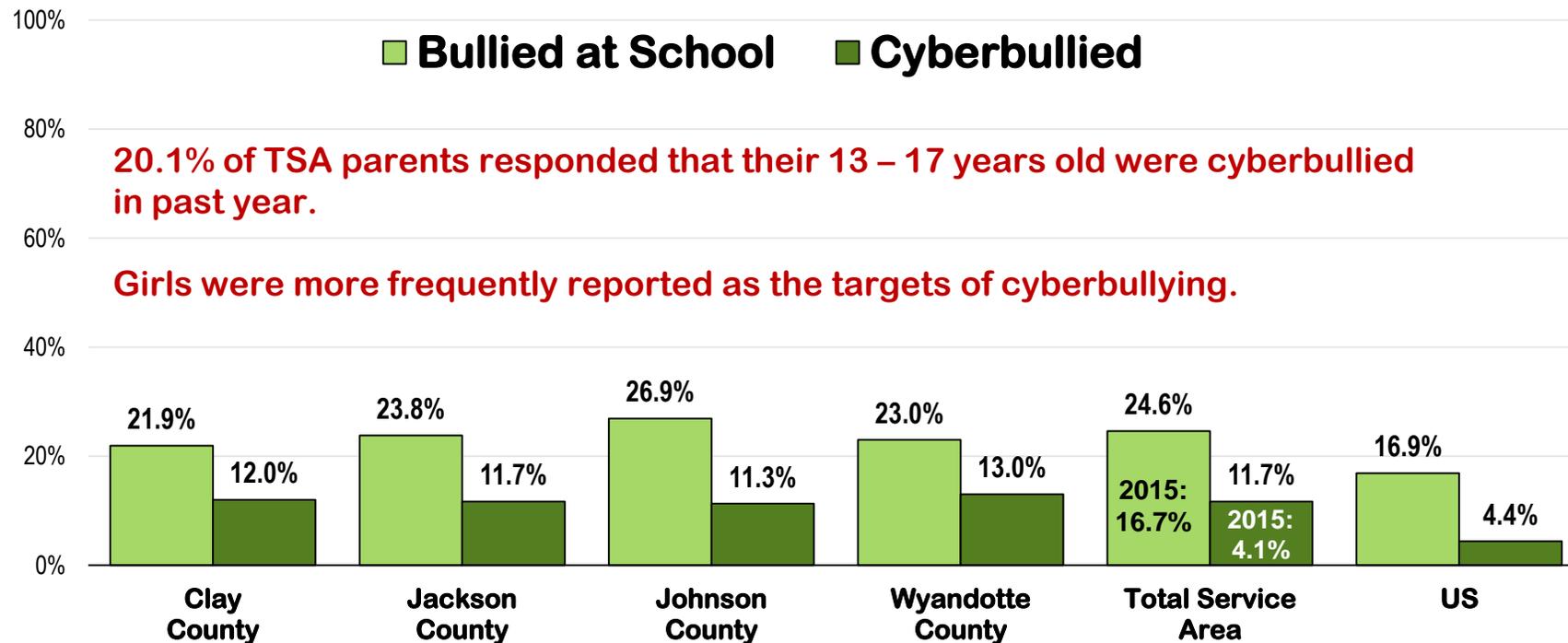
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 73]

Notes: • Asked of all respondents for whom the randomly selected child in the household is age 5-17.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Was Bullied in the Past Year

(Total Service Area Children Age 5-17, 2018)



Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 74-75]

• 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

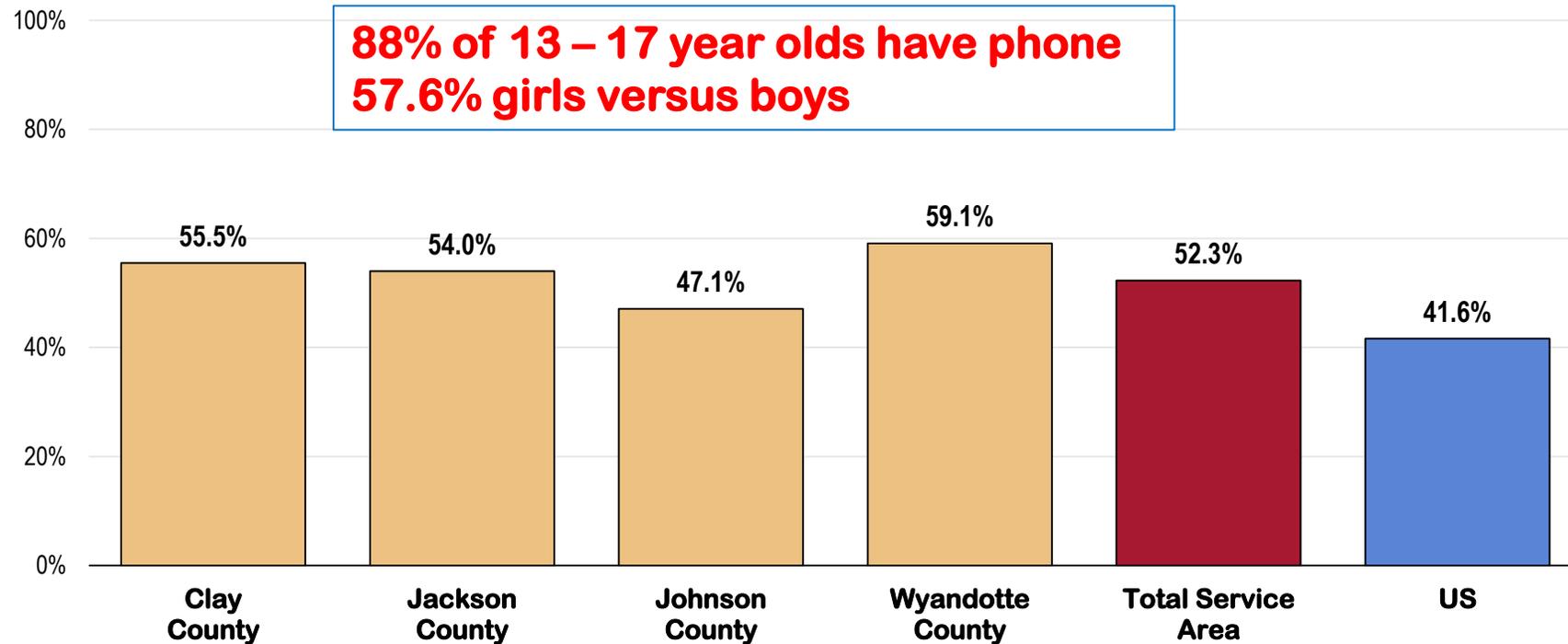
Notes: • Asked of those respondents for whom the randomly selected child in the household is age 5 to 17.

• Cyberbullying includes electronic bullying such as through email, chat rooms, instant messaging, websites, or texting.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Has Own Smartphone

(Total Service Area Children Age 5-17, 2018)



Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 123]
• 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes: • Asked of all respondents for whom the randomly selected child in the household is age 5-17.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Emerging Issue: Vaping

- *“Teenagers see vaping as ‘cool’ and a mature thing to do, being a rebel without the risk of smoking. However, we know there are risks with vaping as well. This vaping seems to appeal to boys and girls alike and all in the suburbs, we see it in middle school kids into high school.”* Key Informant- Physician
- In Jackson and Clay counties just over 11% of high school students responded that they had used an ecigs, mods or vapes
- Over 24% of Jackson County and 29% Clay County high school students believe that peers would think it was ‘pretty cool’ or ‘very cool’ if you used ecigs, mods or vapes
- Over 10% of Wyandotte County high school students and 21.56% (higher than the state average of 17.8%) of Johnson County high school students have tried ecigs, mods, or vapes

(Kansas Communities that Care Student Survey, 2018 and Missouri Student Survey, 2018)

Parent Support of Perceived Health Issues by Age Span

Under 6 years

- Obesity, Nutrition, Exercise
- Vaccinations
- Asthma
- Respiratory

6 – 11 years
of age

- Colds and Flu
- Obesity, Nutrition, Exercise
- Mental Health
- ADHS

12 – 17 years
of age

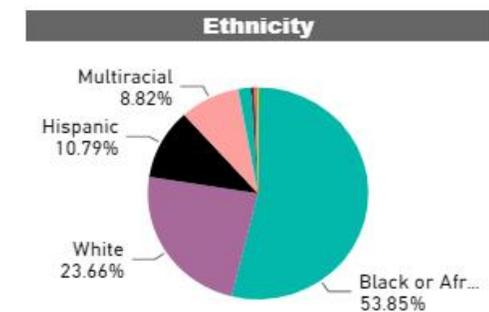
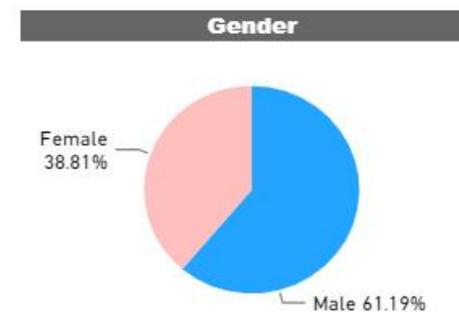
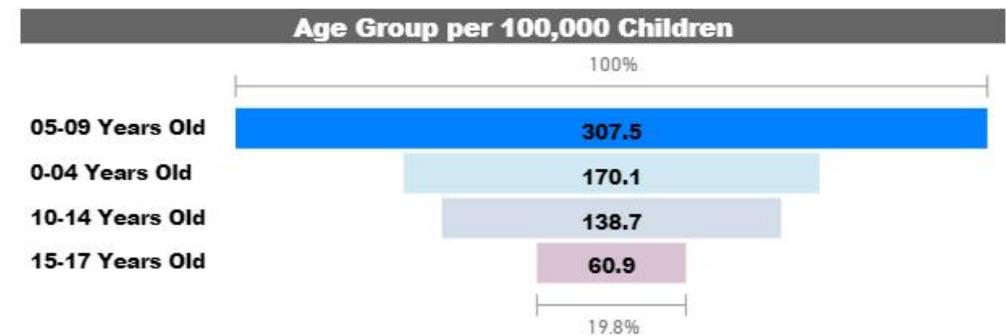
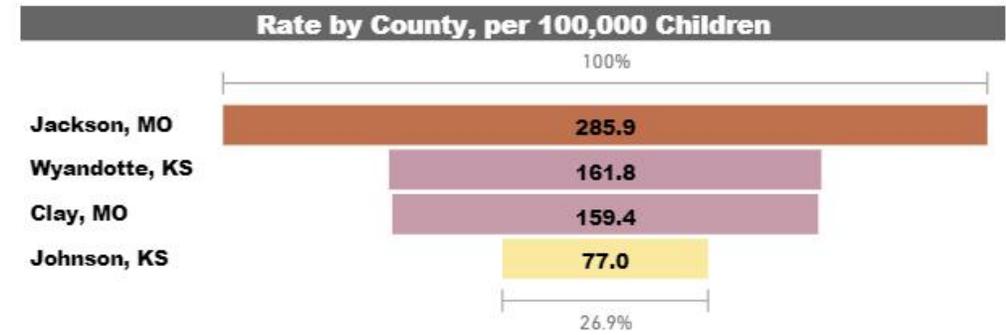
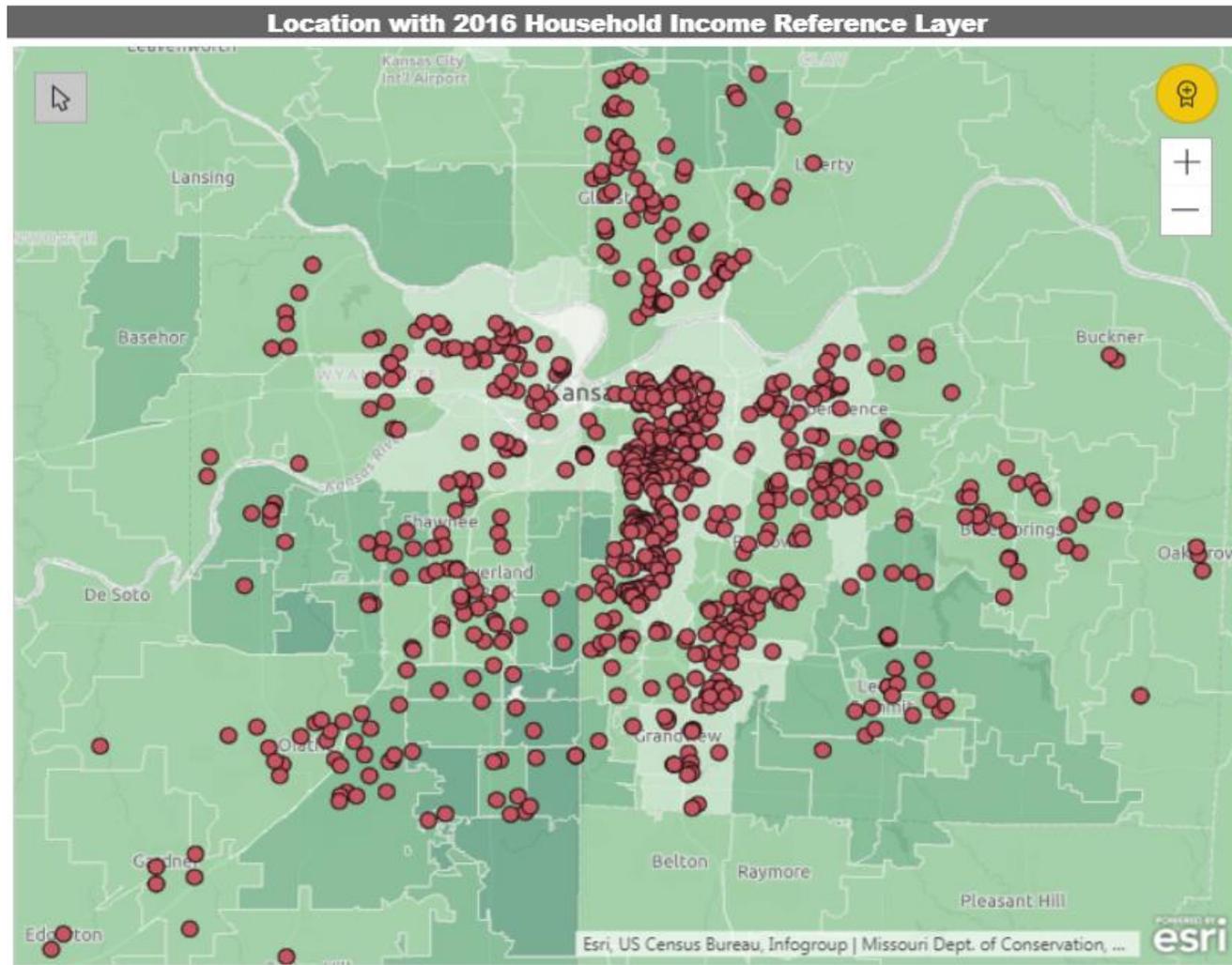
- Mental Health
- Colds and Flu
- Obesity, Nutrition, Exercise
- Illegal Drugs
- STDs

Children with Special Conditions

- 17.2% of children in the TSA identified with speech/language problems
- 37.2% of children in the TSA have a condition that requires a prescription(s)
- 15.2% children in the TSA have a condition that requires special therapy
- Wyandotte County children have the highest prevalence
- All three conditions increased since 2012 and 2015.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Asthma UC/ED/Hospitalization at Children's Mercy >4 times Annual Visits, 2016-2018



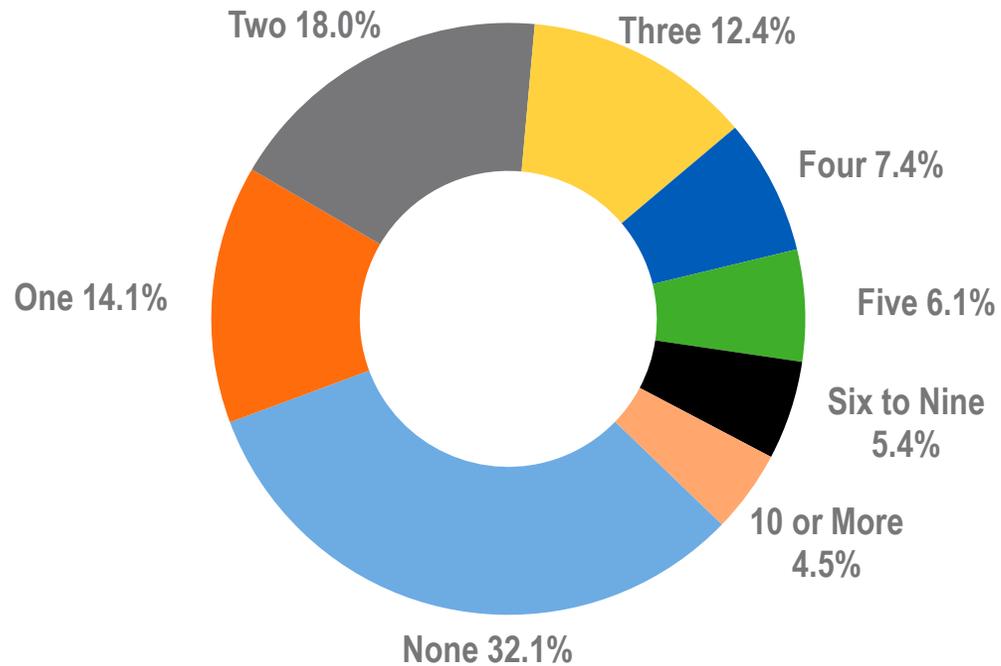
n = 758

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

School Days Missed Due to Illness or Injury or Asthma

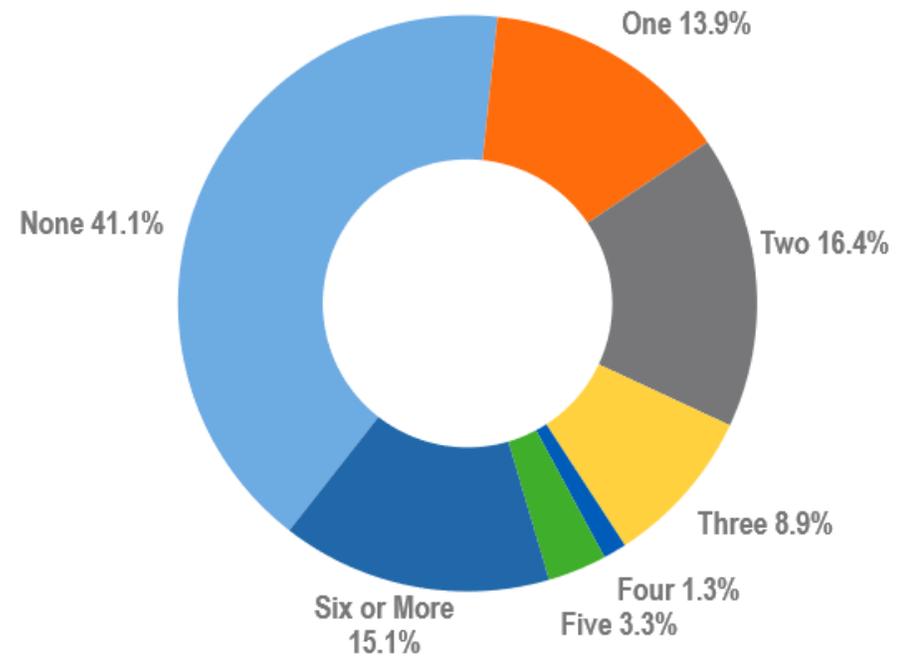
Number of School Days Missed in the Past Year Due to ILLNESS OR INJURY

(Total Service Area Children Age 5-17, 2018)

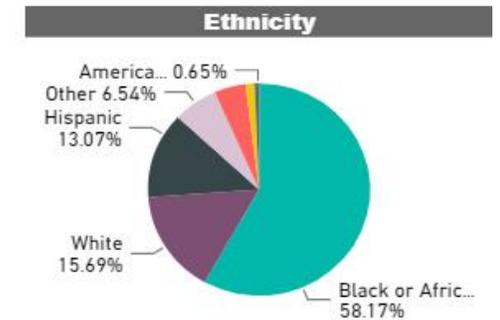
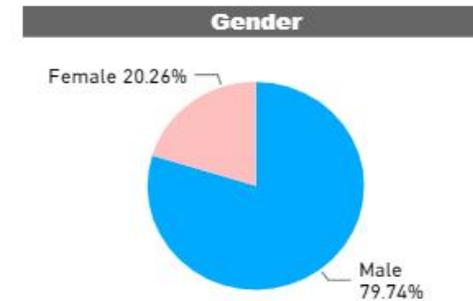
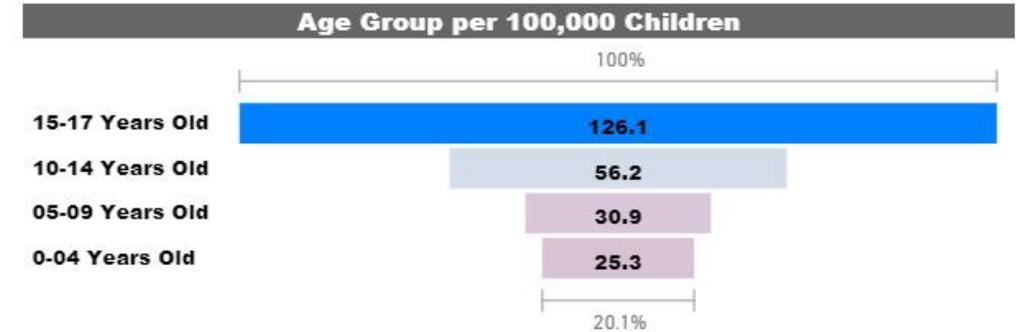
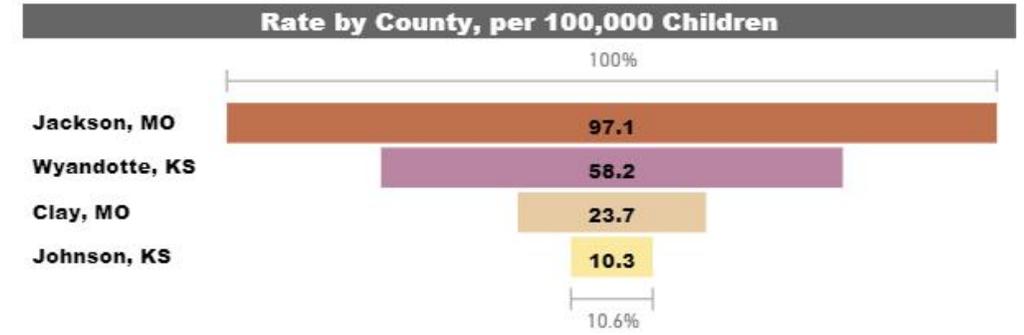
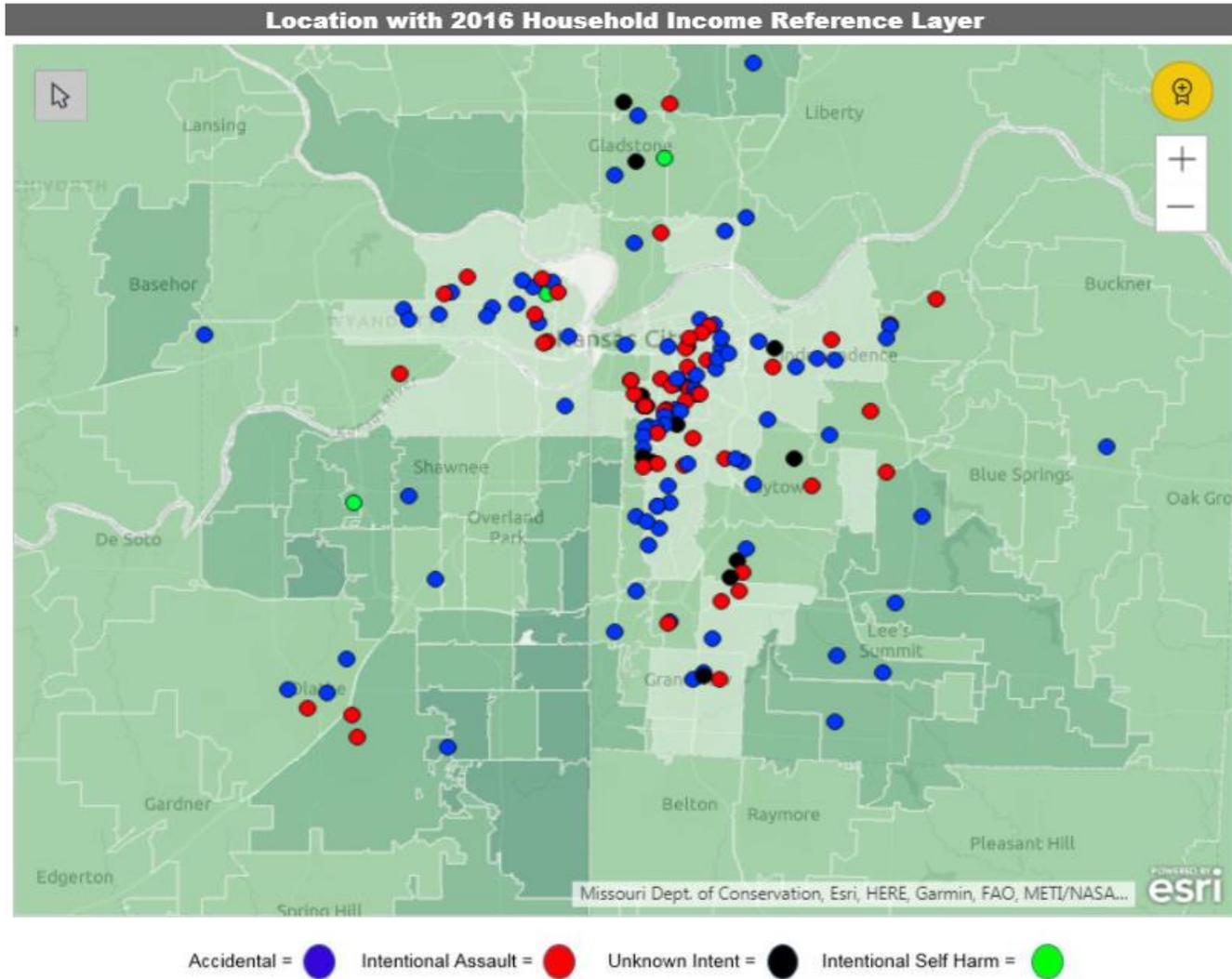


Number of School Days Missed Due to ASTHMA in the Past Year

(Total Service Area Children Age 5-17 with Asthma, 2018)



Firearm Injuries- Fatal and Nonfatal Seen in the Children's Mercy ED, 2016-2018



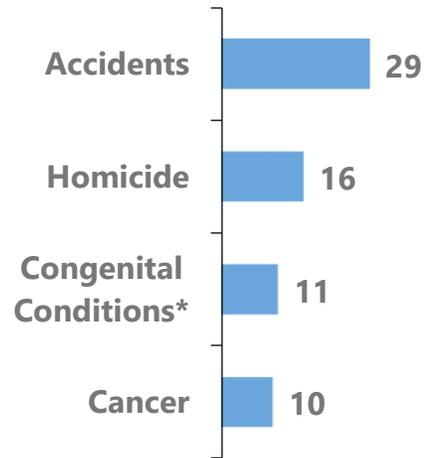
n = 188

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

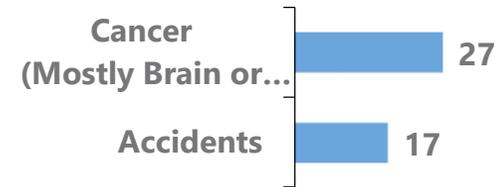
Leading Causes of Death By Age Group

(Number of Deaths by Cause, Total Service Area, 2013-2017)

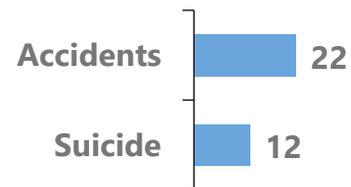
1-4 Years Old



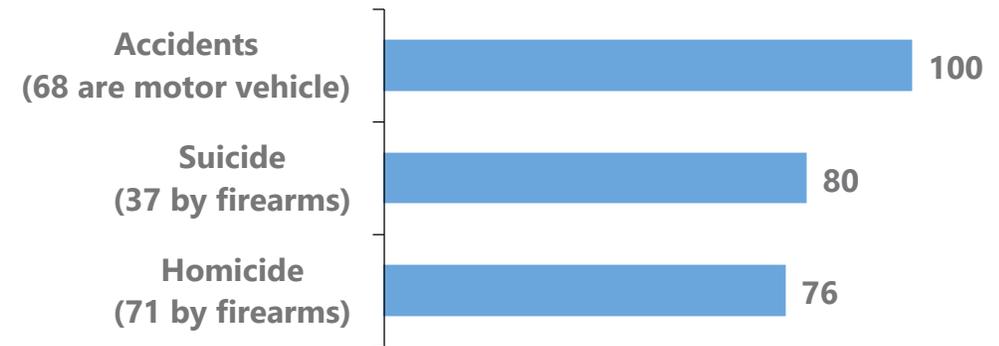
5-9 Years Old



10-14 Years Old



15-19 Years Old



Sources:

- CDC WONDER Online Query System. Centers for Disease Control and Prevention, Epidemiology Program Office, Division of Public Health Surveillance and Informatics. Data extracted January 2019.

Notes:

- *Congenital conditions include congenital malformations, deformations and chromosomal abnormalities.
- **CNS stands for Central Nervous System.

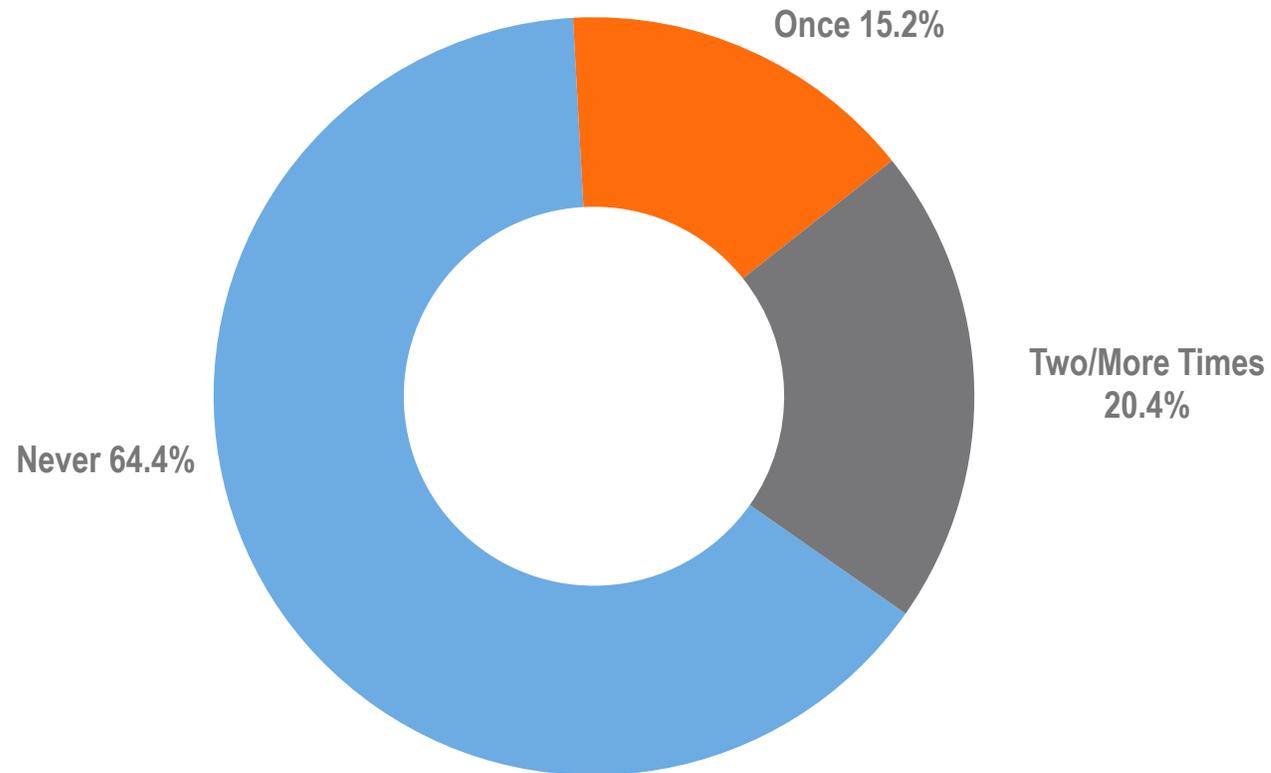
For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

What the Community Says about Mental and Emotional Health

- Key Informants characterized Mental and Emotional Health as a “Major Health Issue” (84.1%) for the community.
- *“This is the number-one issue in pediatrics today. The number of grade school, middle school, high school, and college-aged kids with treatable anxiety, depression and other mental health issues is appalling. Weekly I have a patient who has attempted suicide.”* Key Informant-Physician
- *“I just want my children to be happy.”* Community Conversation- Parent
- *“LGBTQ kids are more at risk for mental health issues because of the social isolation and abuse.”* Key Informant- Community Business Leader
- *“I don’t know what it feels like to be happy.”* Community Conversation-Youth

Number of Times Contacted by School About Child's Behavior in the Past Year

(Total Service Area Children Age 5-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 318]

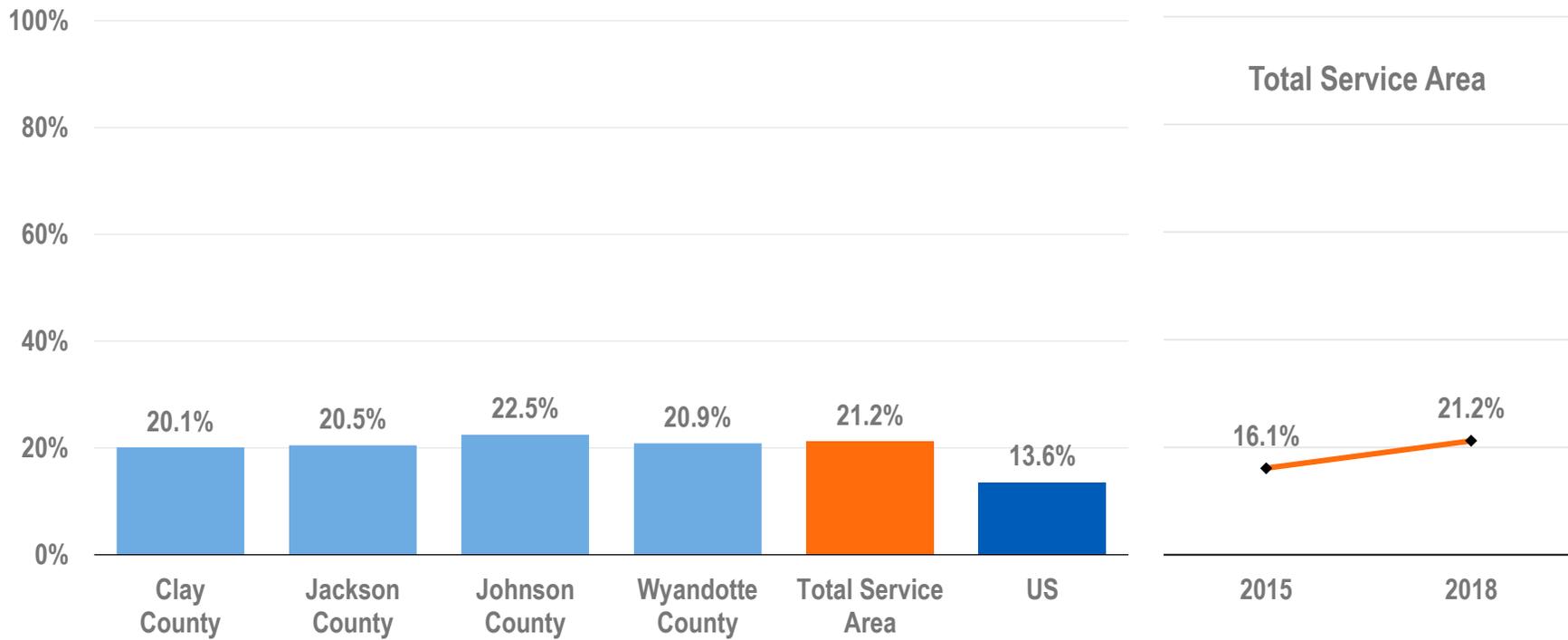
Notes:

- Asked of respondents for whom the randomly selected child in the household is between the ages of 5 and 17.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Needed Mental Health Services in the Past Year

(Total Service Area Children Age 5-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 78]
- 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

 Notes:

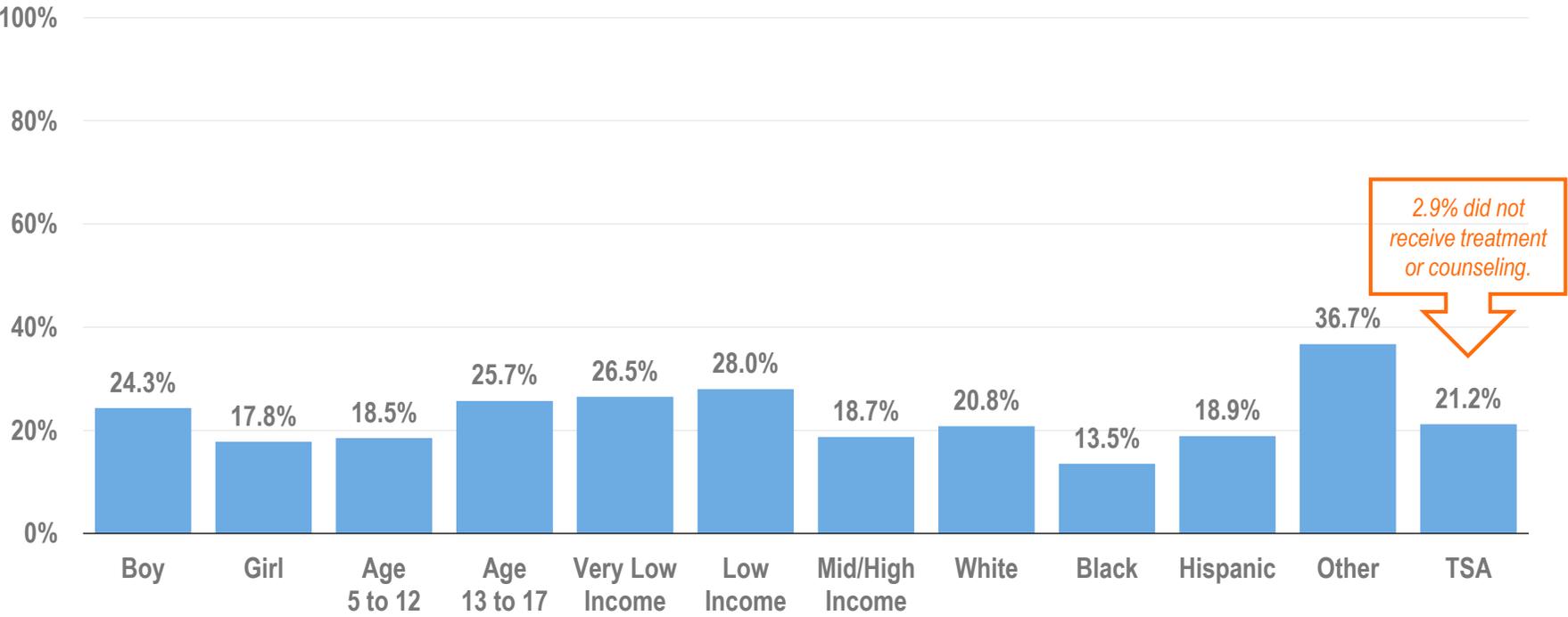
- Asked of respondents for whom the randomly selected child in the household is between the ages of 5 and 17.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>



Child Needed Mental Health Services in the Past Year

(Total Service Area Children Age 5-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 78-79]

Notes:

- Asked of respondents for whom the randomly selected child in the household is between the ages of 5 and 17.
- Hispanics can be of any race. Other race categories are non-Hispanic categorizations (e.g., "White" reflects non-Hispanic White 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.

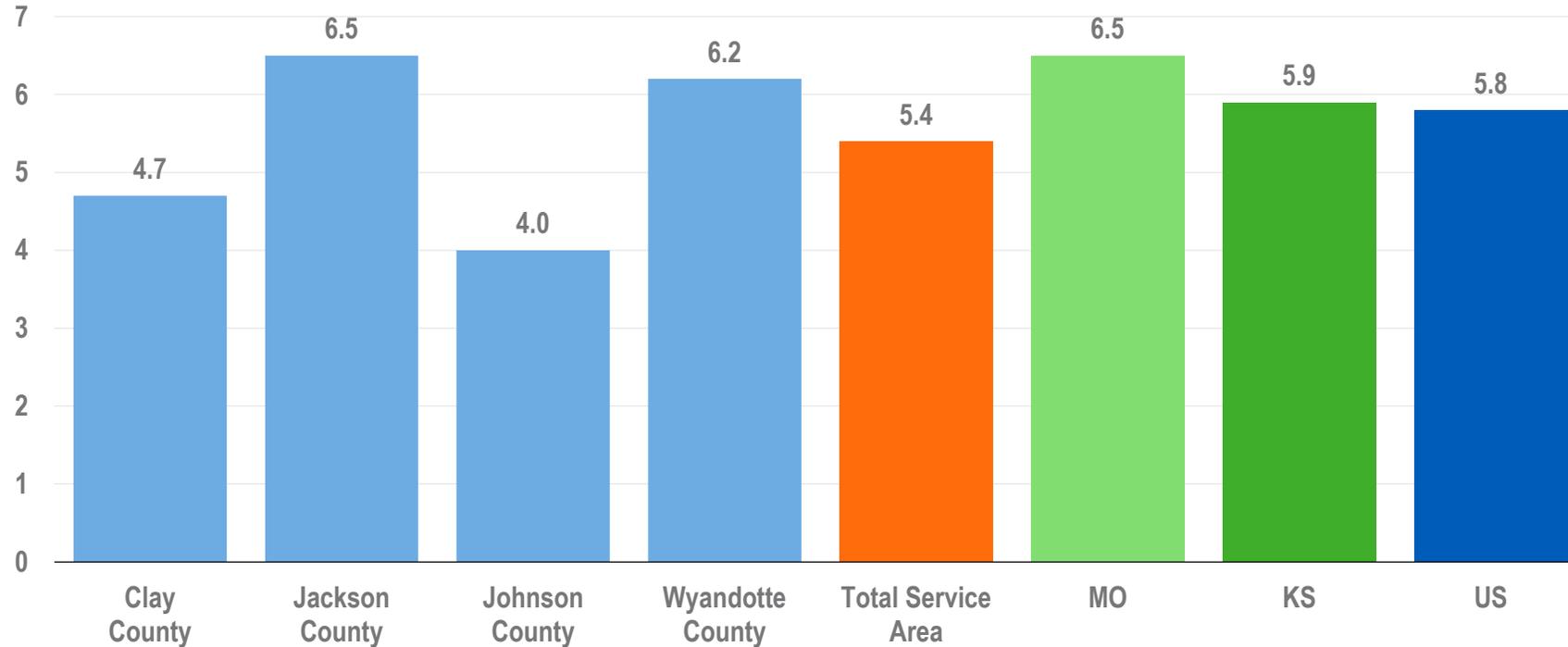
For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>



Infant Mortality Rate

(Annual Average Infant Deaths per 1,000 Live Births, 2015-2017)

Healthy People 2020 Target = 6.0 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 December 2018.
- US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective MICH-1.3]

Notes:

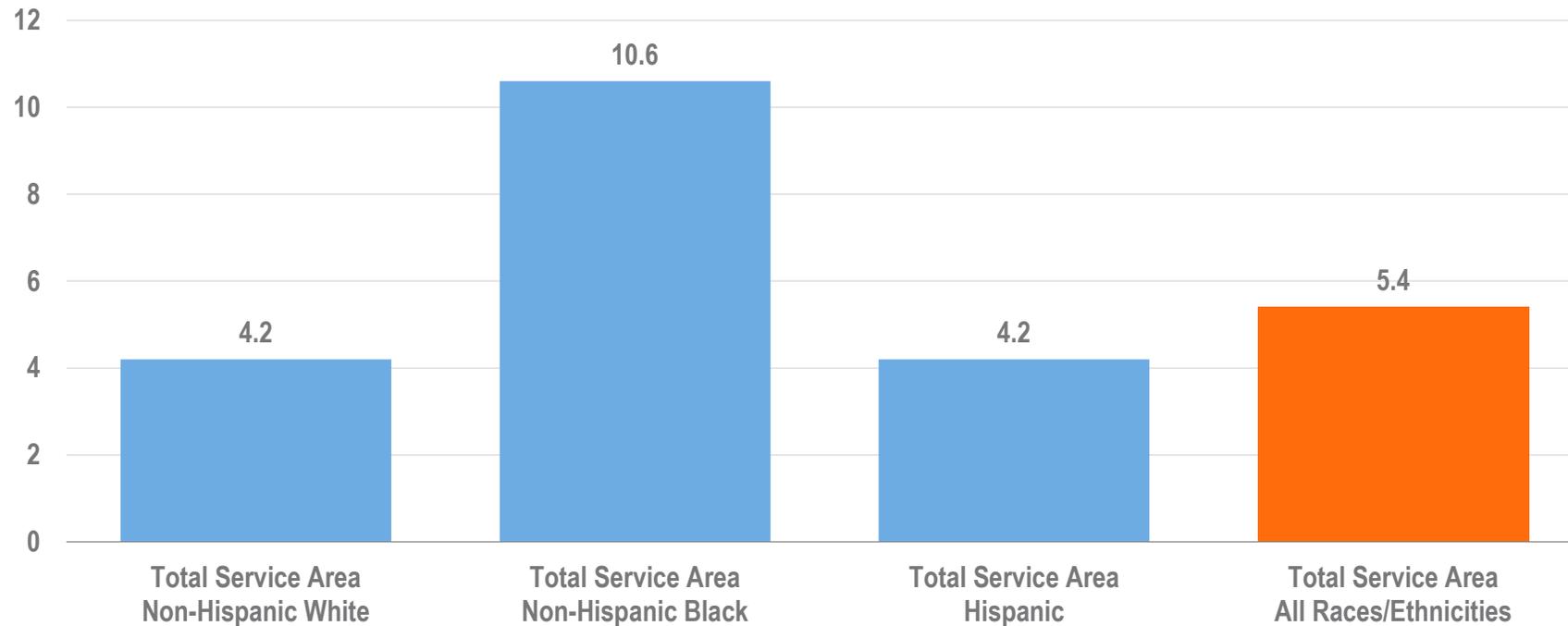
- Infant deaths include deaths of children under 1 year old.
- This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Infant Mortality by Race/Ethnicity

(Annual Average Infant Deaths per 1,000 Live Births, 2015-2017)

Healthy People 2020 Target = 6.0 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 December 2018.

- US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective MICH-1.3]

Notes:

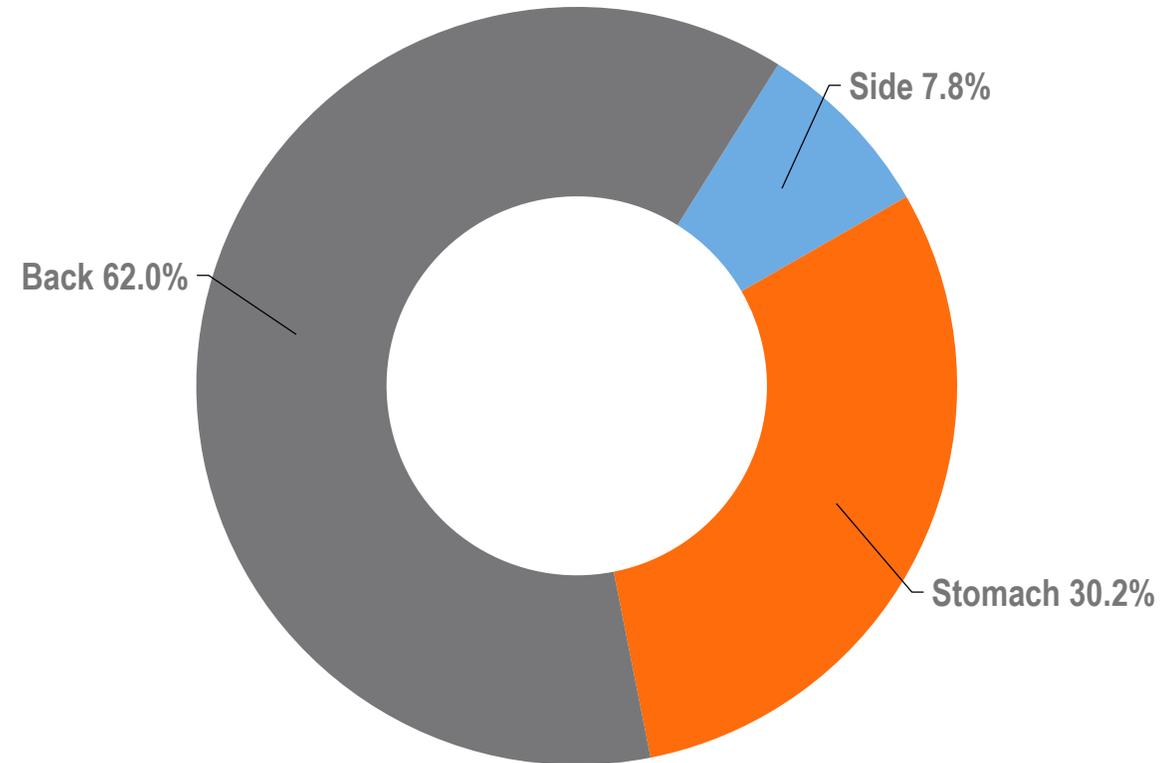
- Infant deaths include deaths of children under 1 year old.

- This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Position for Laying Baby to Sleep

(Total Service Area Parents of Infants Under One Year of Age; 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 333]

Notes:

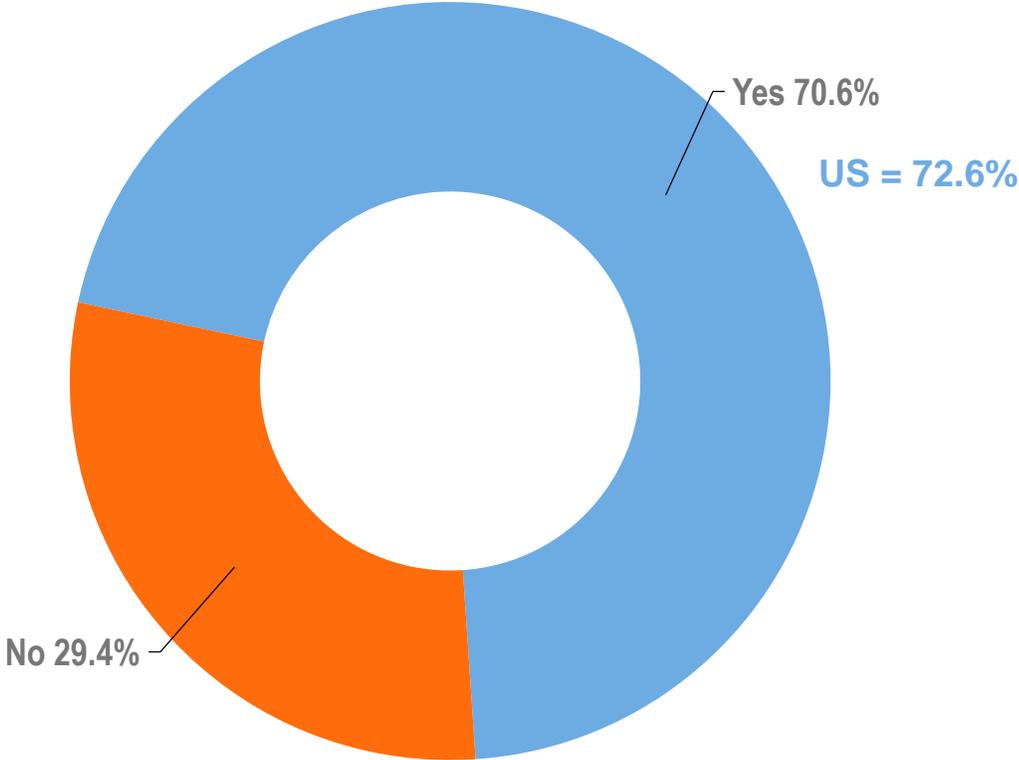
- Asked of all respondents whose randomly selected child is under one year of age (n = 41).

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Was Ever Fed Breast Milk

(Total Service Area, 2018)

Healthy People 2020 Target = 81.9% or Higher



- Sources:
- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 113]
 - 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.
 - US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective MICH-21.1]

Notes:

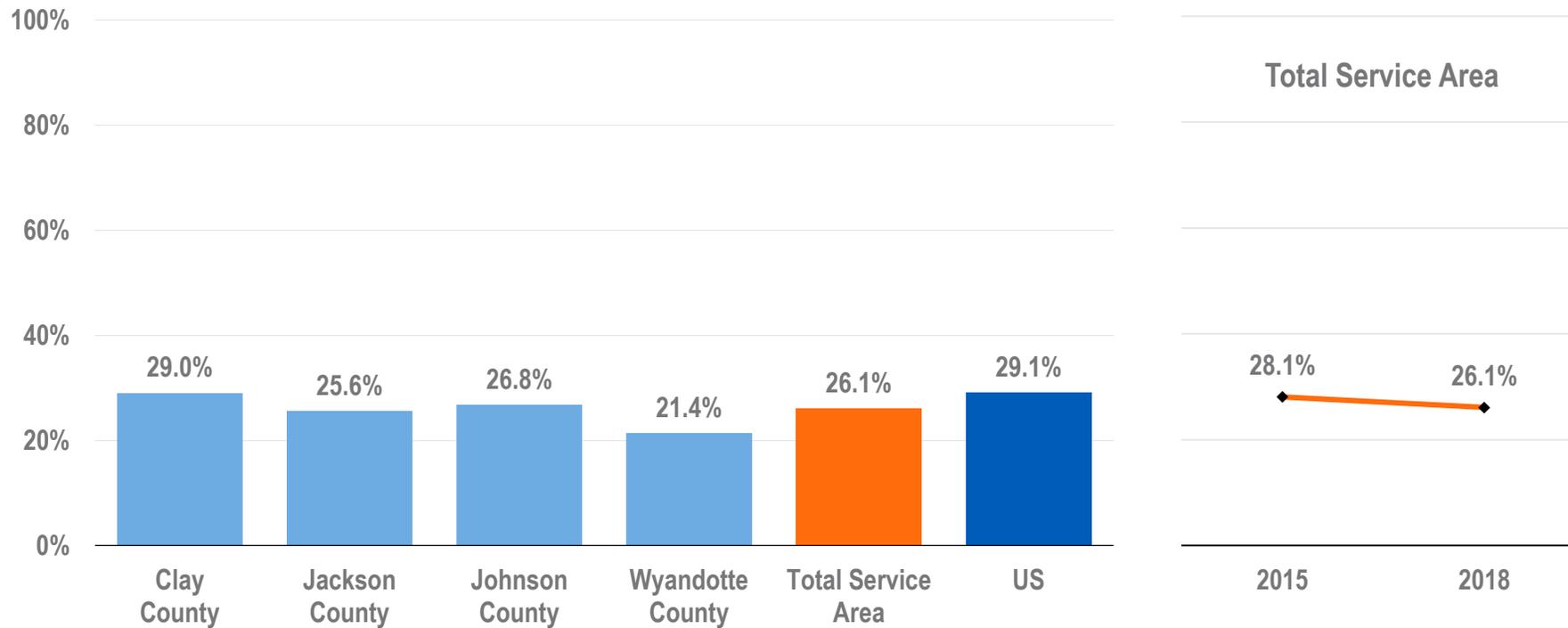
- Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Was Exclusively Breastfed for at Least 6 Months

(Total Service Area, 2018)

Healthy People 2020 Target = 25.5% or Higher



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 130]
- 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.
- US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective MICH-21.5]

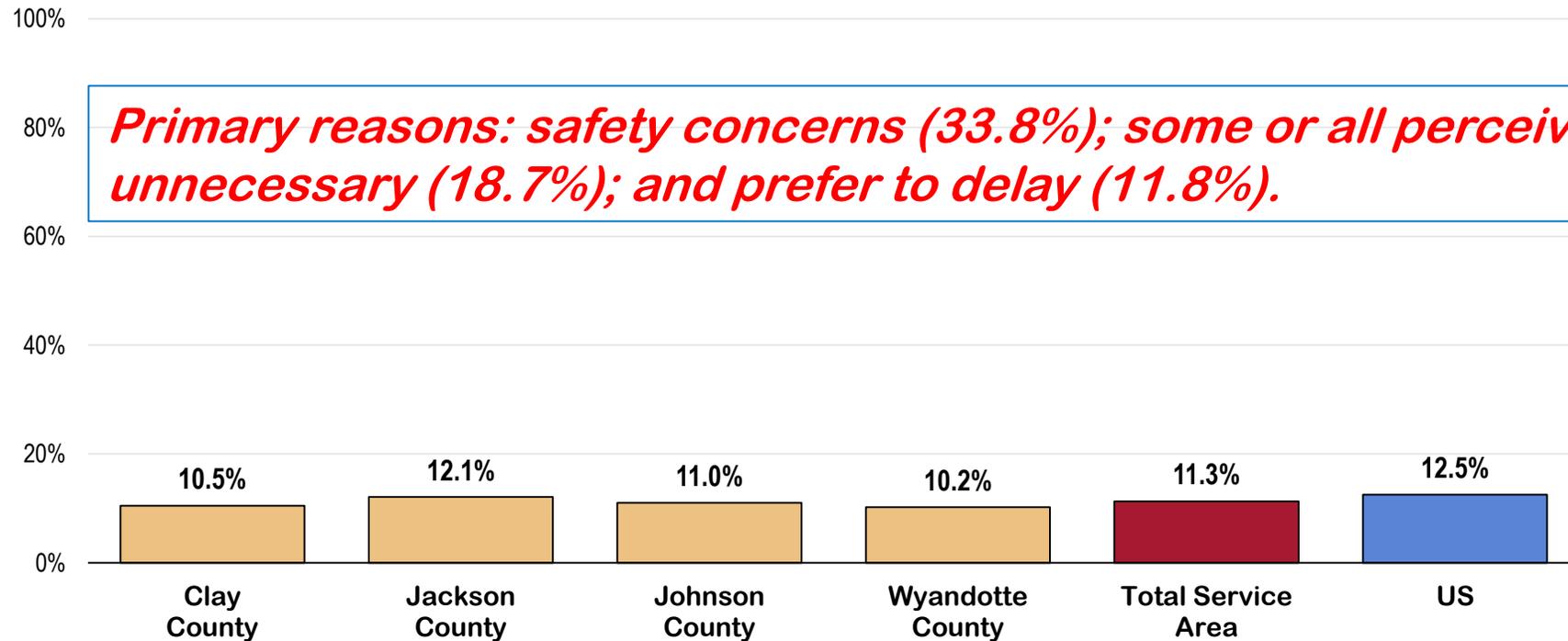
Notes:

- Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

If Respondent Had a Newborn, Would NOT Want Him/Her to Get All Recommended Vaccinations

(Total Service Area Parents, 2018)



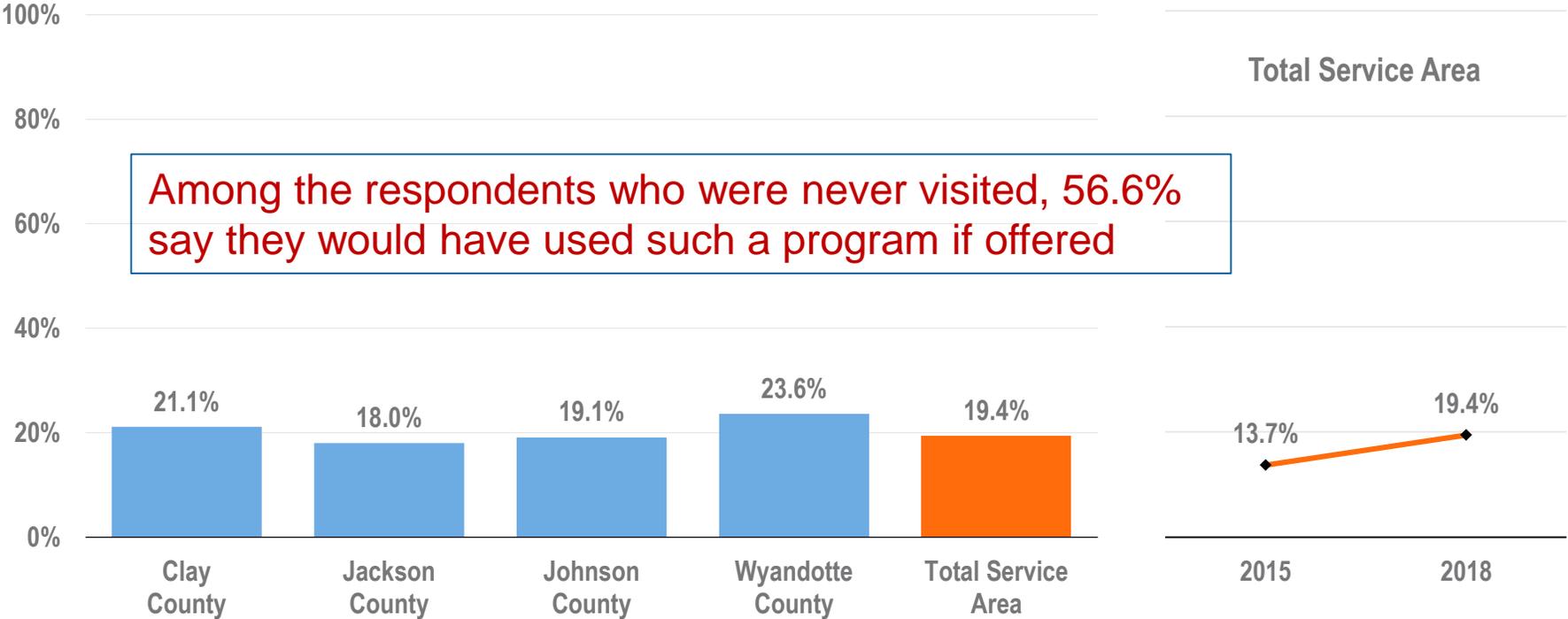
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 115-116]
• 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes: • Asked of all respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Person from an In-Home Visiting Program Visited the Home

(Total Service Area Parents, 2018)



Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 334-335]
Notes: • Asked of all respondents about a randomly selected child in the household.
For more information see: *The State of Children’s Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>



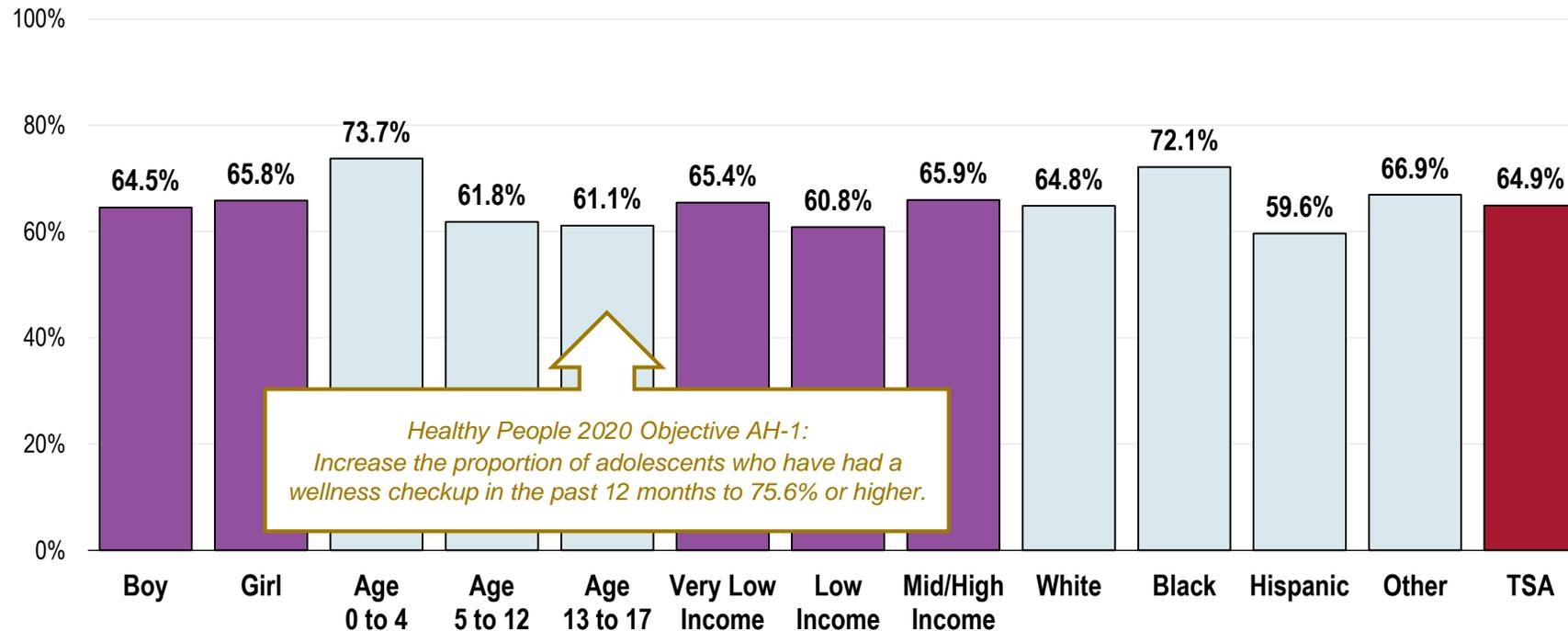
What Families Say About Access

- *“And with, with me, um I usually try to plan [medical] appointments around my pay schedule. So if she [participant’s daughter] gets a prescription for something. Or if I have to pull her [from school], I can have her make sure she eats for that day.”* Food Insecurity Focus Group Participant
- *“If I have enough time I can find the transportation to get to a medical appointment, but if they want me to bring my child in right away I often can’t find a ride.”* Community Conversation Parent
- *“When I call my doctor’s office with a problem, they always tell me to go to the Emergency room.”* Community Conversation Parent
- *“There use to be a clinic at my school. I liked going to that clinic. I don’t know why it’s no longer there.”* Community Conversation Parent
- *“Sometimes you have to wait so long to be seen and then they don’t tell you anything.”* Community Conversation Parent

For more information see: The State of Children’s Health in the Kansas City Region, 2019, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Visited a Physician for a Routine Checkup in the Past Year

(Total Service Area, 2018)



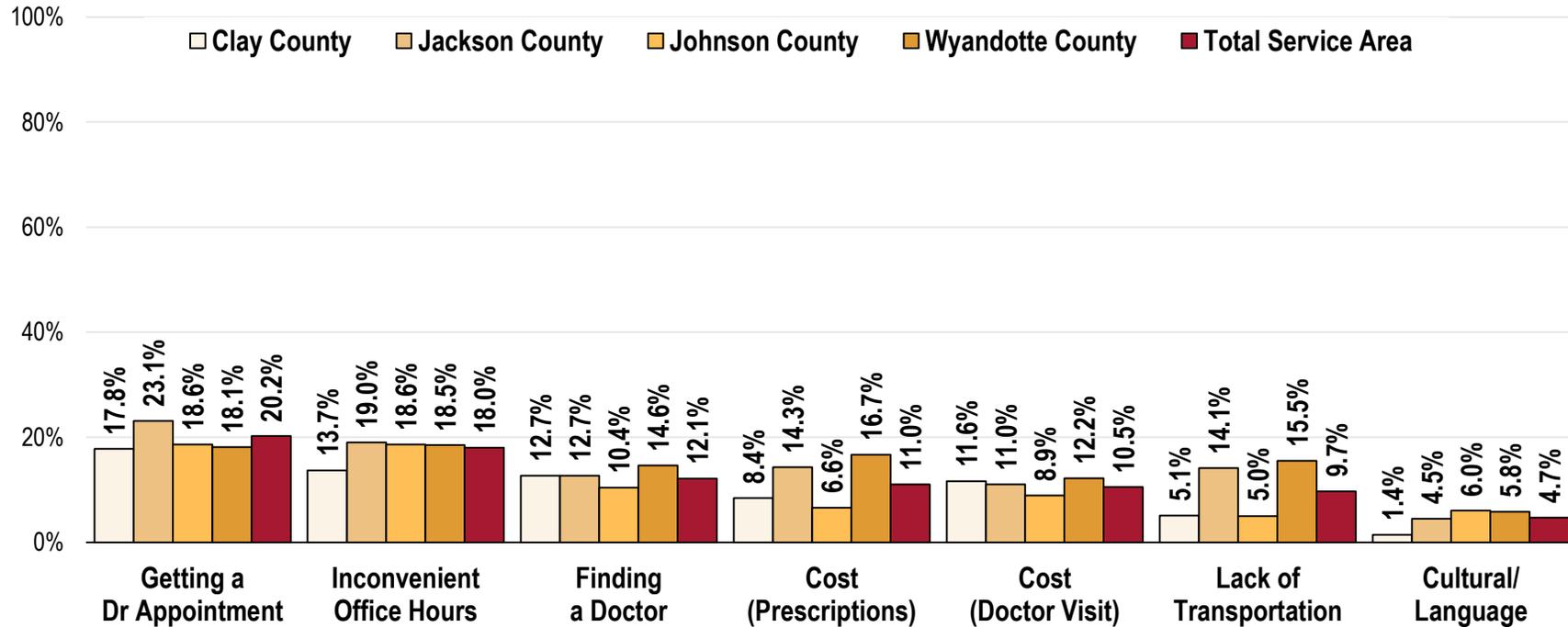
- Sources:
- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 27]
 - US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective AH-1]

- Notes:
- Asked of all respondents about a randomly selected child in the household.
 - Hispanics can be of any race. Other race categories are non-Hispanic categorizations (e.g., "White" reflects non-Hispanic White 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.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Barriers to Access Have Prevented Child's Medical Care in the Past Year

(By County, 2018)



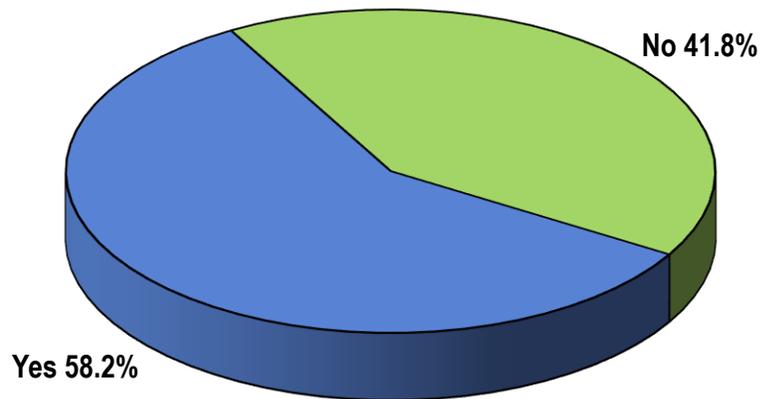
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 17-23]

Notes: • Asked of all respondents about a randomly selected child in the household.

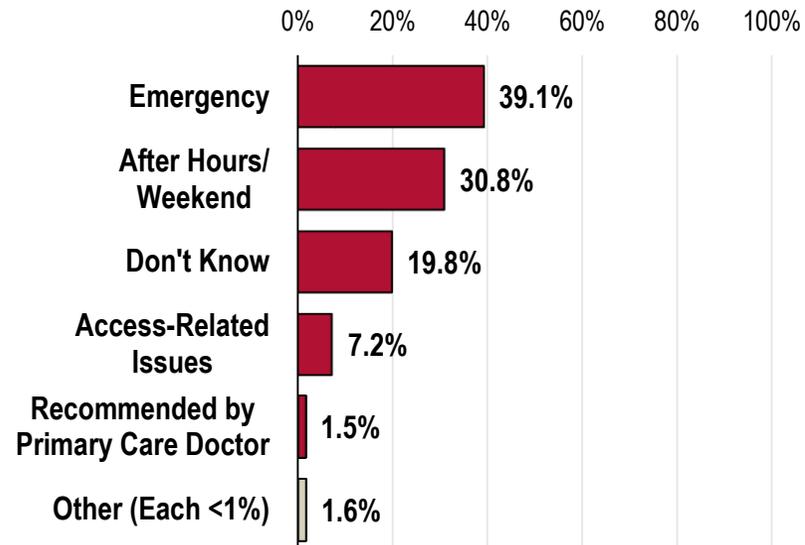
For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Emergency Room Visits

(Among Total Service Area Children With Any ER Visits in the Past Year, 2018)



ER Visit Was for Something That Might Have Been Treated in a Doctor's Office



Reason for Using the Hospital ER Instead of a Doctor's Office or Clinic (Among Those Responding "Yes" at Left)

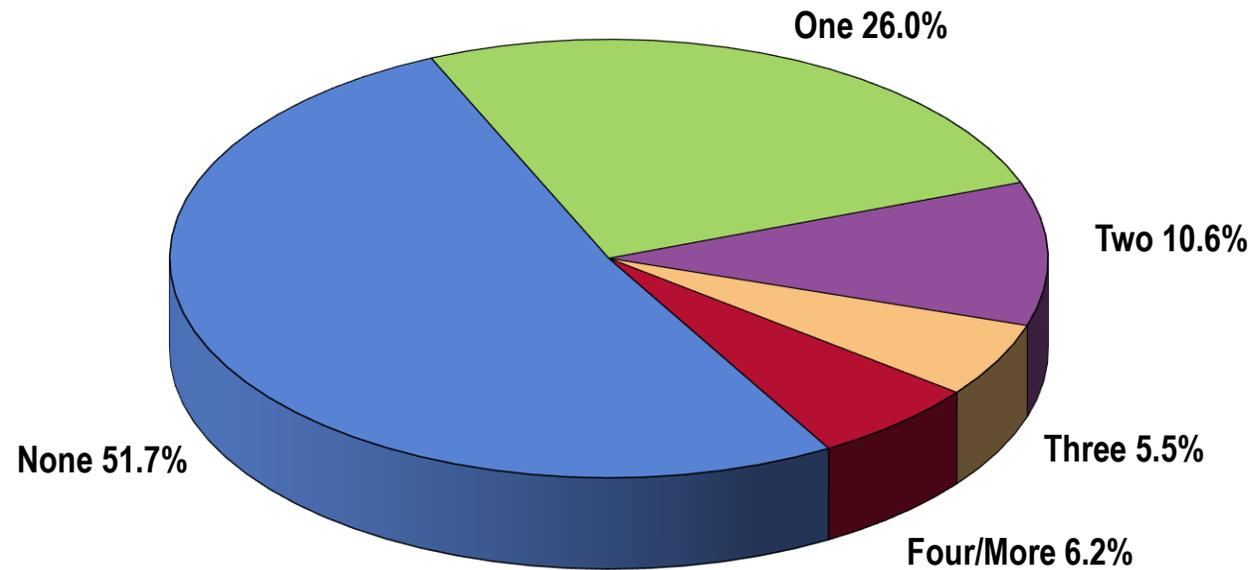
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 41-42]

Notes: • Asked of respondents for whom the randomly selected child in the household used a hospital ER in the past year

. For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Number of Visits to an Urgent Care Center or Other Walk-in Clinic in the Past Year

(Total Service Area, 2018)



Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 43]

Notes: • Asked of all respondents about a randomly selected child in the household.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Perceived Availability of Community Resources for Obesity, Nutrition, Exercise

Sufficient, Insufficient, not Available

Under 6 years

Sufficient

69.4%

Insufficient

26.7%

Not Available

3.9%

6-11 years

Sufficient

43.4%

Insufficient

52.7%

Not Available

3.9%

12 -17 years

Sufficient

48%

Insufficient

43.6%

Not Available

7.7%

Key Informant Ratings

Issue	Major Problem	Moderate Problem	Minor Problem	No Problem at all
Nutrition, Physical Activity, and Weight	60.4%	32.1%	7.5%	0.0%
Food Security/ Access to Healthy Foods	43.7%	46.0%	9.2%	1.1%
Access to Parks/Green Spaces/Opportunities for Recreation	18.4%	39.1%	36.8%	5.7%

What Key Informants Said...

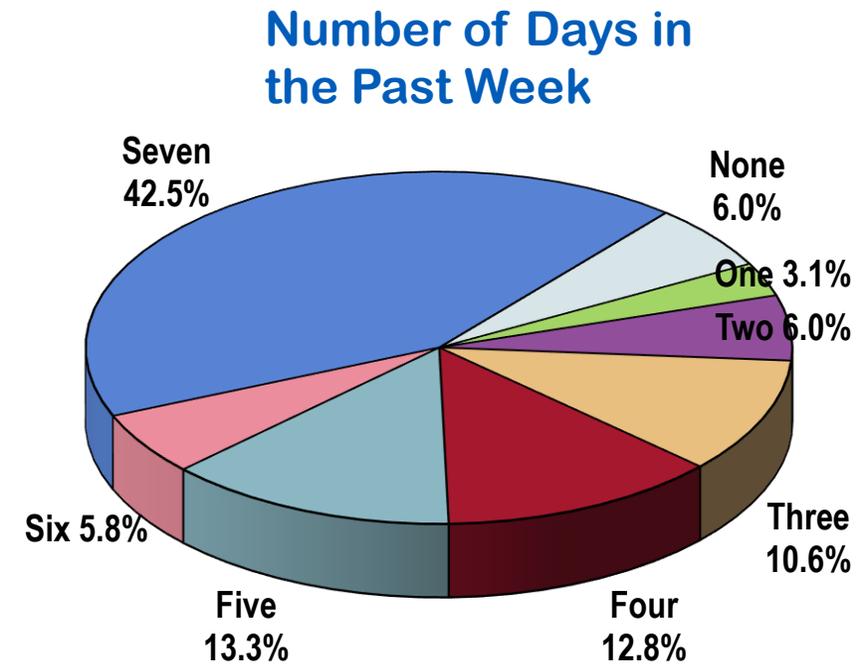
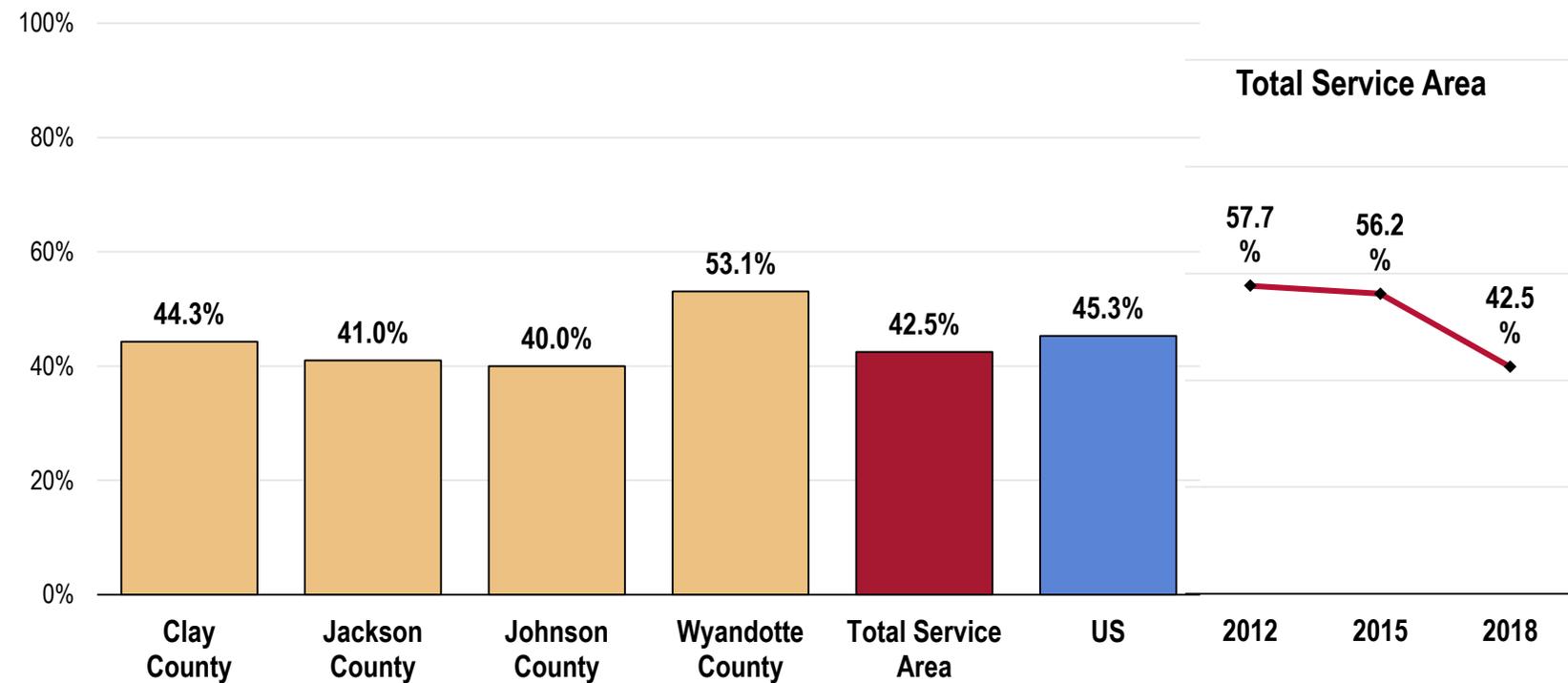
“There are various socioeconomic groups that struggle with obesity. Physical education should be a main stay if each day of a child’s day and not just every third day. Sleep is also so very important to both weight issues as well as mental health. Later start times for adolescent children has been shown in studies to help with mental health and we also know that poor sleep can lead to more stress and therefore more weight gain. If our kids are running and playing, they burn calories, clear their mind, work on personal interactions and then are actually tired when it’s time to go to bed.”– Physician

“Establish public events that celebrate physical activity, good nutrition, and overall increased health. Provide more green spaces for families to enjoy celebrating increased physical activity, good nutrition, and overall increase and health, for individual kids, but also for schools as a whole.” – Community/Business Leader

“The biggest health issue in my community is obesity. Parents aren't leading their children how to eat. Many families don't eat meals together. Many families are eating restaurant food and/or processed meals. It's expensive to buy fresh fruit and vegetables. It's tough for most people to get their 10 servings of vegetables in per day.” --Physician

Child Was Physically Active for One Hour or Longer on Every Day of the Past Week

(Total Service Area Children Age 2-17, 2018)



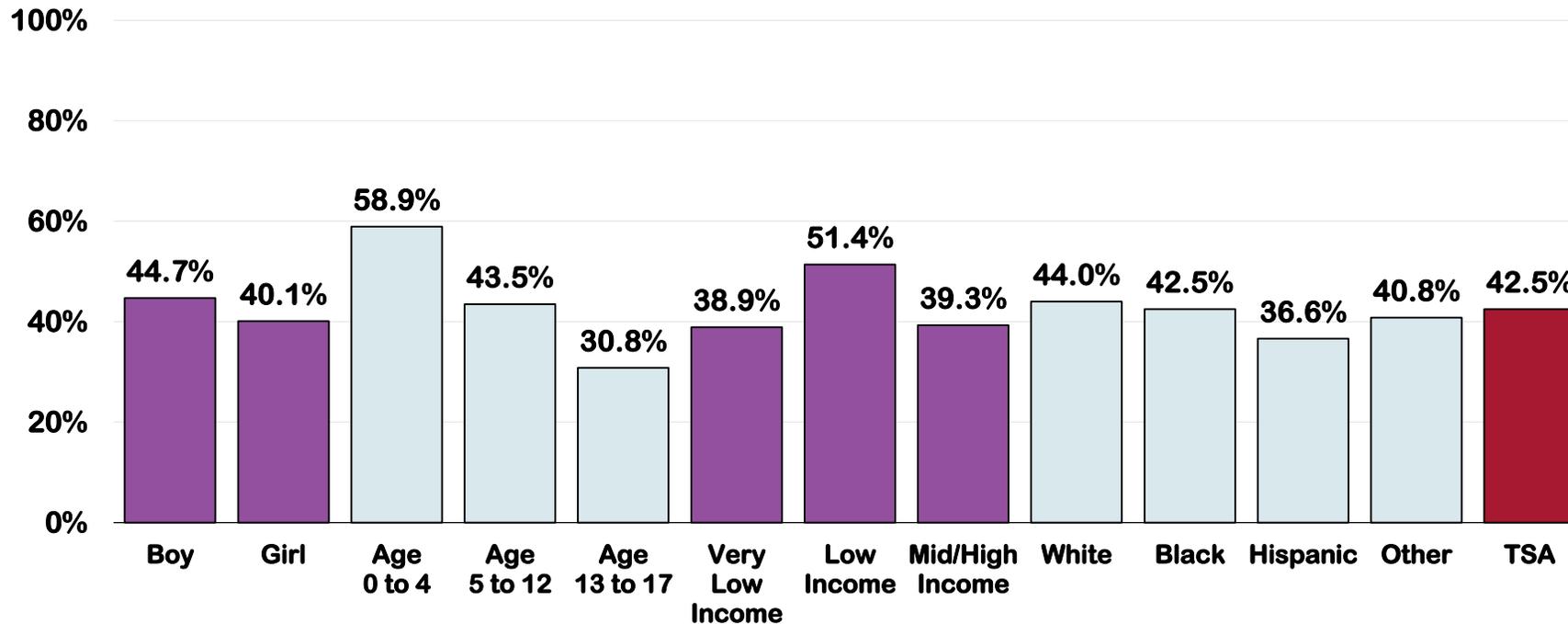
Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 107]
 • 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes: • Asked of those respondents for whom the randomly selected child in the household is between the ages of 2 and 17

. For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Was Physically Active for One Hour or Longer on Every Day of the Past Week

(Total Service Area Children Age 2-17, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 107]

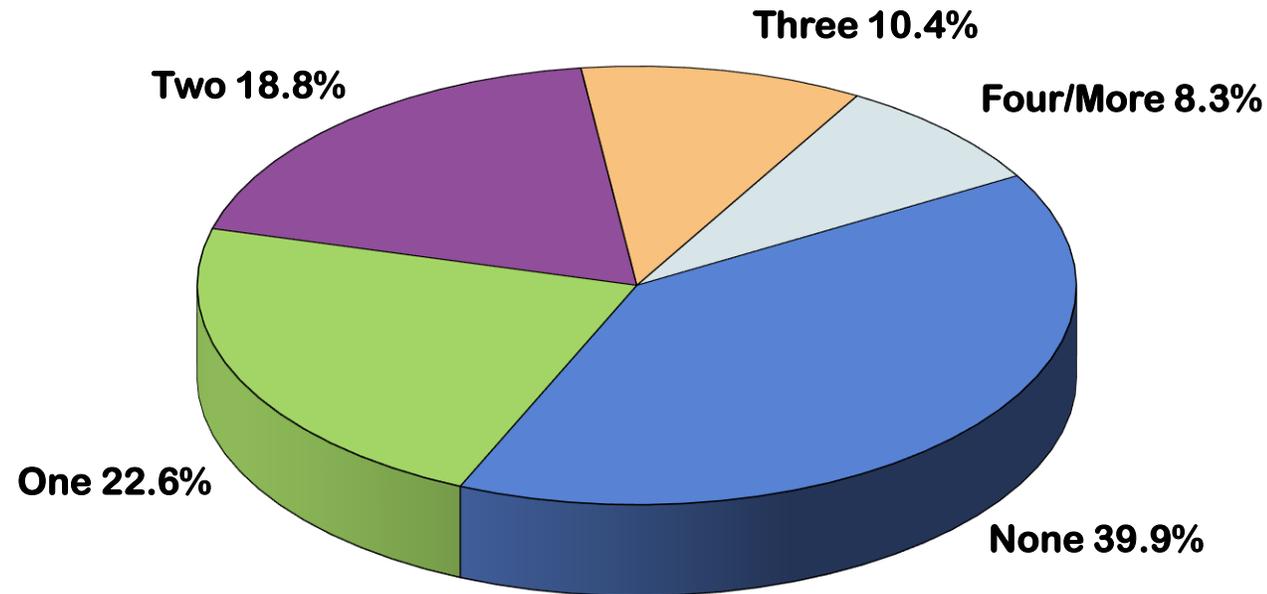
Notes:

- Asked of those respondents for whom the randomly selected child in the household is between the ages of 2 and 17.
- Hispanics can be of any race. Other race categories are non-Hispanic categorizations (e.g., "White" reflects non-Hispanic White 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 100% - 200% of the federal poverty level; "Mid/High Income" includes households with incomes at 200% or more of the federal poverty level.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Number of Sports Teams Child Played On in the Past Year

(Total Service Area Parents of Children Age 5-17, 2018)



Sources: • 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 326]

Notes: • Asked of all respondents about a randomly selected child age 5 to 17 at home.

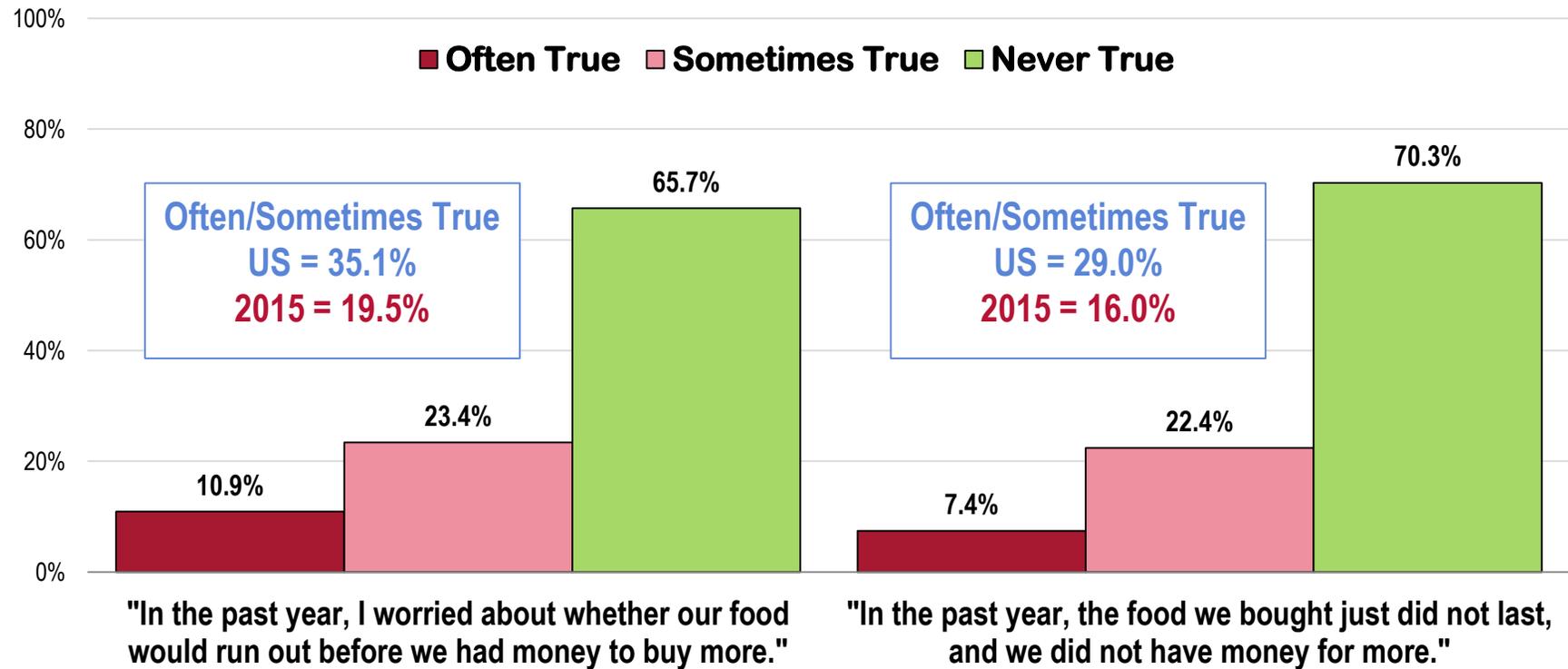
For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Family Meal Patterns

- **Close to 14% of TSA parents report that their child eats fruits and/or vegetables five or more times/day.**
 - **Increase from 11.1% in 2015 to 13.9% in 2018)**
- **Over 34% of parents report that their child has had three or more meals from “fast food” restaurants in the past week.**
 - **Increase from 24.8 % in 2012 and 2015**
- **Close to 67% of parents report sharing meals as a family an average of at least one a day.**
 - **Decrease from 72.6 and 72.9% in 2012 and 2015**

Food Insecurity

(Total Service Area, 2018)



Sources:

- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Items 329-330]
- 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes:

- Reflects the total sample of respondents.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

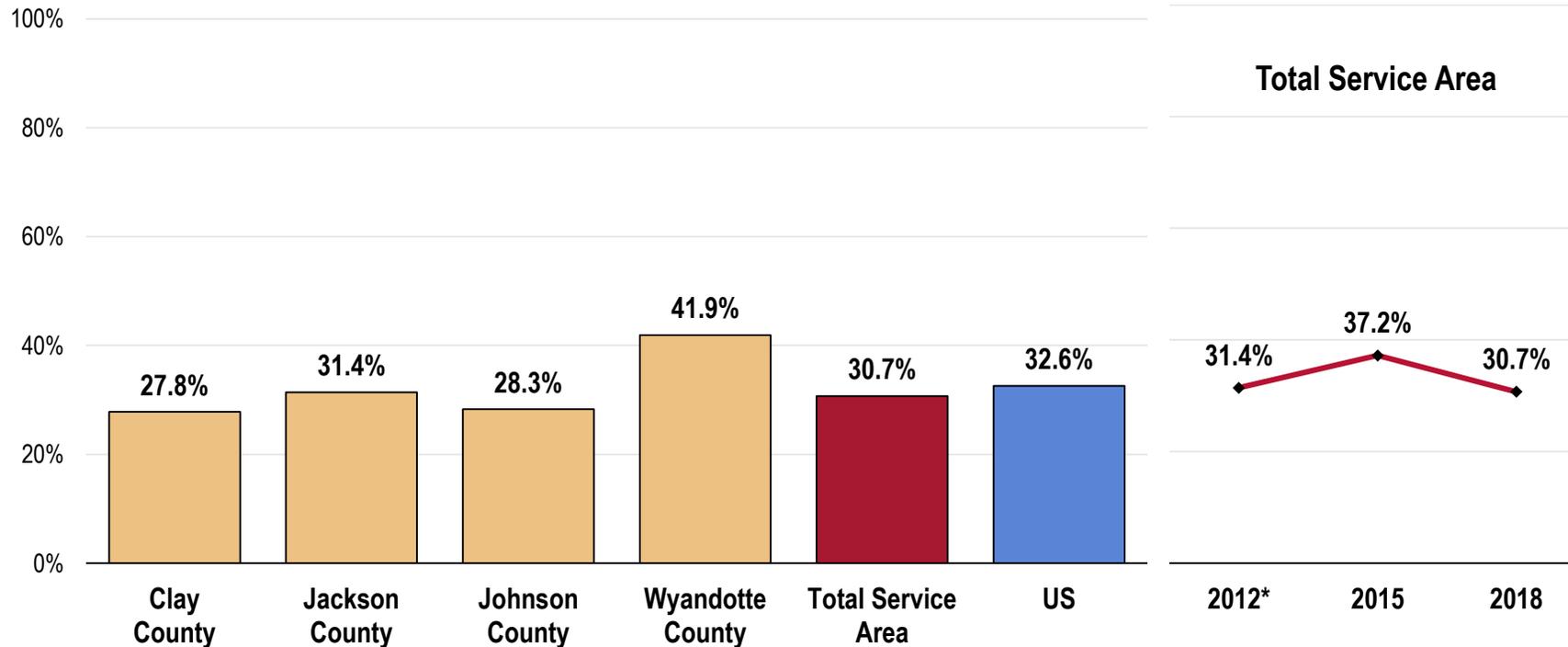
What Families Say About Food Insecurity

(Six Focus Groups, 30 participants, Summer 2018, conducted at Children's Mercy)

- *“...And I have \$35/month for food. That's it. And that's like barring the costs of gas going up, or anything going wrong, or needing an oil change for my car....”*
- *“But I don't eat to make sure they're fed. (Second participant, “I've done that.”)*
- *“If it wasn't for WIC, then there'd probably be times that we didn't have any [fruits and vegetables] in our house.”*
- *“You should not have to go 2 or 3 neighborhoods away from you to get food.”*
- *“Nothing is close might have to take several buses to get to the grocery store or buy food at a QT or filling station where they mark up food 500%.”*

Child Is Overweight or Obese

(Total Service Area Children Age 5-17 With a BMI in the 85th Percentile or Higher)



Sources: ● 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 135]

● 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.

Notes: ● Asked of those respondents for whom the randomly selected child in the household is between the ages of 5 and 17.

● Overweight among children 5-17 is determined by child's Body Mass Index status at or above the 85th percentile of US growth charts by gender and age.

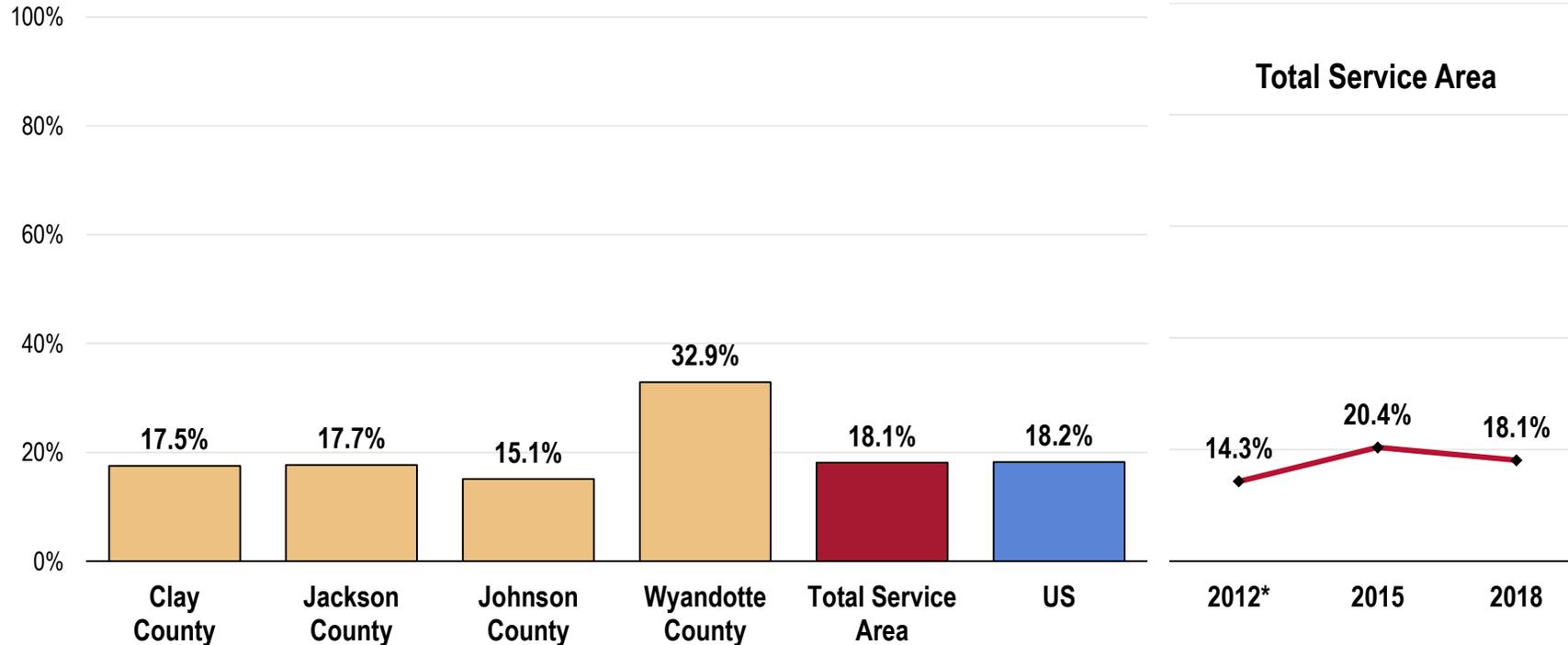
● *BMI was calculated slightly differently in the 2012 study: age-in-years midpoints were used to calculate BMI in 2012; in 2015 and 2018, BMI cutoffs were based on child's actual age in both years and months. Analysis shows that the difference between the two calculation methods is marginal.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>

Child Obesity Prevalence

(Total Service Area Children Age 5-17 with a BMI in the 95th Percentile or Higher)

Healthy People 2020 Target = 14.5% or Lower



- Sources:
- 2018 PRC Child & Adolescent Health Survey, Professional Research Consultants, Inc. [Item 135]
 - 2017 PRC National Child & Adolescent Health Survey, Professional Research Consultants, Inc.
 - US Department of Health and Human Services. Healthy People 2020. December 2010. <http://www.healthypeople.gov> [Objective NWS-10.4]

- Notes:
- Asked of those respondents for whom the randomly selected child in the household is between the ages of 5 and 17.
 - Obesity among children is determined by children's Body Mass Index status equal to or above the 95th percentile of US growth charts by gender and age.
 - *BMI was calculated slightly differently in the 2012 study: age-in-years midpoints were used to calculate BMI in 2012; in 2015 and 2018, BMI cutoffs were based on child's actual age in both years and months. Analysis shows that the difference between the two calculation methods is marginal.

For more information see: *The State of Children's Health in the Kansas City Region, 2019*, <https://www.childrensmercy.org/in-the-community/community-benefit/community-health-needs-assessment>