

Risk Factors Associated with Different  
Living Arrangements:  
Youth in Kinship Care, Foster Care,  
Unstable Housing, and Homelessness

*Findings from the 2016 Healthy Youth Survey*

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**Washington State Department of Social and Health Services**

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# Executive Summary

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The Washington State Department of Social and Health Services are interested in understanding youth populations who may be at special risk associated with the circumstances of their living arrangements. An exploratory analysis of the 2016 Healthy Youth Survey (HYS) data was conducted to:

1. Examine the HYS questions about youth living arrangements – where they live and who they live with.
2. Categorize responses to the living arrangement questions into specific population groups by:
  - Who they live with:
    - a. Youth who are living with parents/step-parents
    - b. Youth who are in kinship care (i.e., with relatives, but not parents)
    - c. Youth who are in foster care
  - Where they live:
    - a. Youth who live in stable housing
    - b. Youth who live in unstable housing
    - c. Youth who are homeless
3. Determine if any of these groups experience elevated well-being risks compared to the general population or each other. Domains of risks examined include substance abuse, physical and mental health, sexual behavior and orientation, experience of abuse, school experience, and safety.

The analysis yielded the following key findings:

- Youth in kinship care and youth in foster care have more well-being risks than youth in parental care. Additionally, youth in foster care have more well-being risks than youth in kinship care.
- Homeless youth and youth in unstable housing have more well-being risks than youth in stable housing; and homeless youth have more well-being risks than youth in unstable housing.

These relationships are matters of association rather than causation. In other words, the data do not show that kinship care, foster care, unstable housing, or homelessness caused these negative outcomes. For example, the higher incidence of substance abuse, depression, or poor school performance among youth in kinship or foster care can likely be explained as the residual effect of negative, often traumatic, experiences before they came into these living arrangements.

The kinship care/foster care comparison requires its own explanation since youth in both living arrangements would have experienced significant trauma before getting there. It could be that the more positive outcomes in kinship care are because it is more likely a living arrangement that grew out of existing familial bonds, but more research will be needed to answer this question.

It is hoped that this information can help spark further conversations with public and/or private organizations and individuals interested in exploring how to better support these at-risk populations. Discussions could focus on possible interventions to improve the problematic outcomes while additional research might inform these interventions.

# Acknowledgements

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This data analysis report was made possible with support from the Washington State Department of Social and Health Services (DSHS). The following staff were involved in seeking the support and/or providing comments to the report:

- Hilarie Hauptman, Aging and Long-Term Support Administration/DSHS
- Shelly Arneson, Children's Administration/DSHS

# Overview

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## Introduction

In Washington State, an estimated 43,000 children are being raised by grandparents and other relatives.<sup>1</sup> For every one child involved with the formal child welfare system and raised by a relative, there are an estimated 10 children living “informally” with a relative.<sup>2</sup>

DSHS is interested in understanding youth populations who may be at special risk due to the circumstances of their living arrangements or more precisely the trauma that may have led to these arrangements. These different living arrangements can likely be viewed as proxies for certain family experiences (of abuse and/or neglect) that are associated with different well-being risk outcomes. Put another way, the data presented here do not show that these living arrangements “caused” these different outcomes but more likely that both living arrangements and risk outcomes were the product of prior adverse childhood experiences.

An exploratory analysis of the 2016 Healthy Youth Survey (HYS) data was conducted to:

1. Examine the results for three HYS questions about youth living arrangements – where they live, and who they live with.
2. Categorize responses to the living arrangement questions into specific populations by:
  - Who they live with:
    - a. Youth who are living with parents/step-parents
    - b. Youth who are in kinship care (i.e., with relatives, but not parents)
    - c. Youth who are in foster care
  - Where they live:
    - a. Youth who live in stable housing
    - b. Youth who live in unstable housing
    - c. Youth who are homeless
3. Determine if any of these groups experience elevated risks to their well-being compared to the general population or each other. Examine domains of risks including substance abuse, physical and mental health, sexual behavior and orientation, experience of abuse, school experience, and violent behavior.

This report presents the preliminary findings from these analyses and is intended to inform further discussions on how the results of these HYS living arrangement questions can be utilized by state agencies, schools and communities. While we have done our best to categorize the different groups, there still may be challenges in defining these populations given the limited number of questions on living arrangement or living environment in the HYS. As such, these analyses may also promote further discussion about the refinement of this set of HYS questions.

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<sup>1</sup> KIDS COUNT Data Center’s analysis of 2015-2017 Current Population Survey Annual Social and Economic Supplement (CPS ASEC) at <http://datacenter.kidscount.org/data#USA/1/0/char/0>.

<sup>2</sup>4,304 dependent children placed in the homes of relatives - Children’s Administration FamLink Monthly Metrics Report, September 2017.

## Methods

The categories of living arrangements are defined, and results are presented by grade. Categories include “who they live with”: living with parents, living in kinship care, and living in foster care, and “where they live”: in stable housing, in unstable housing, and homelessness.

Our initial analyses examined a number of demographic and risk-related questions to see if they were associated with living in kinship care compared to living with parents on the following topics:

- Demographics
- Current and lifetime substance use
- School and family influences on substance use
- Mental health
- Health and healthcare
- Physical activity
- Sexual behavior and orientation
- Physical, emotional, and sexual abuse
- School achievement and school climate
- Violence-related behaviors

Analysis were repeated on the same demographics and risk-related questions to see if they were associated with living in foster care compared to living with parents.

Chi-square tests were used to determine if associations between the defined groups and the risk variables were significant. Results with a p-value of less than 0.05 were reported as significant (marked in charts with an “\*” if significant).

Additional analyses looked at how much more likely youth in the following population groups were to experience those same risks:

- Kinship care compared to those who live with their parents
- Foster care compared to those who live with their parents
- Kinship care compared to youth in foster care
- Unstable housing compared to those in stable housing
- Homeless situations compared to those in stable housing
- Unstable housing compared to homeless situations

Logistic regression adjusted for gender and grade level was used to determine if associations were significant. Results with a p-value of less than 0.05 were reported as significant (marked in tables with bold text if significant).

The DSHS Aging and Long-Term Support Administration along with the thirteen Area Agencies on Aging (AAAs) offer information, services and resources to families providing kinship care, particularly to those families who are not involved with the child welfare system. Results for 10<sup>th</sup> graders in kinship care by demographics and risk-related questions are presented for the AAAs. No comparisons were done between the groups. A listing of the AAAs and their corresponding counties is provided in Appendix A, page 44.

This analysis of non-standard living arrangements focuses on several relatively small populations. To generate sufficient numbers of respondents for analysis, the 2016 HYS census data (a combination of Washington State public schools randomly selected for the state sample and volunteer public schools) were used. Census results may be somewhat different from the state sample results for the groups in this analysis. The results for the state sample and the census samples are displayed on page 42 for comparison. Further exploration may be desired to determine if there are any differences between the state census and sample data sets of survey responses that could affect the interpretation of results.

# Description of Living Arrangement Results

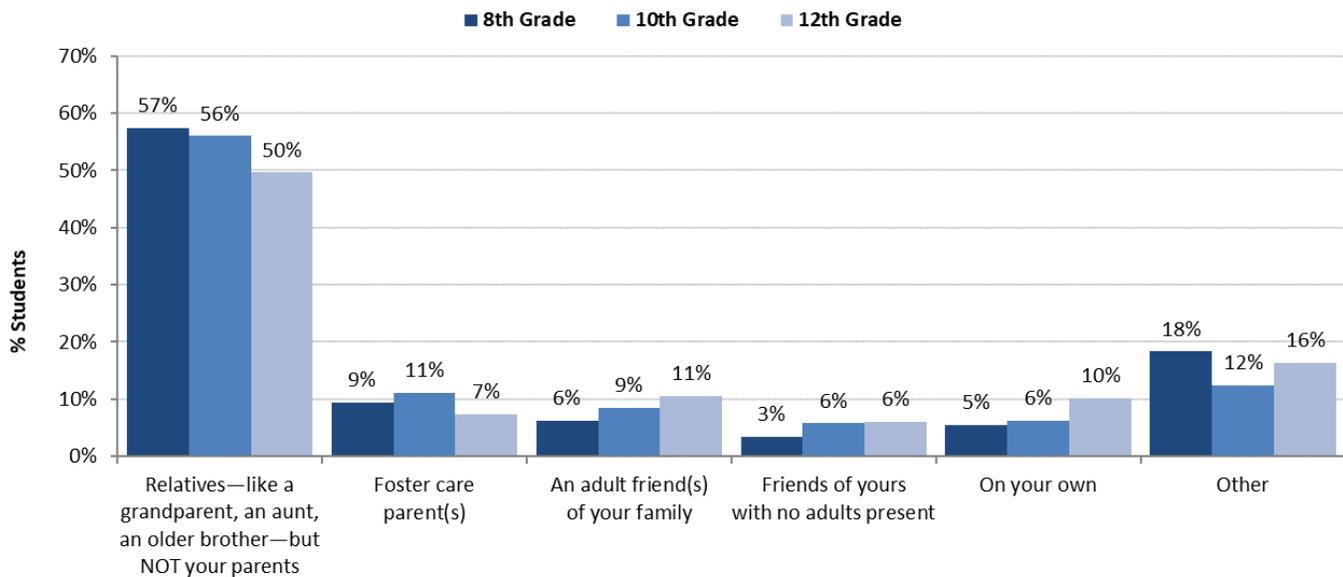
## Living Arrangement Survey Questions and Results

The following tables provide results from the 2016 HYS census data for the three living arrangement questions.

**Table 1: Who Youth Live With by Grade**

Who did you live with <u>most</u> of the time in the last 30 days?	Grade 8	Grade 10	Grade 12
a. Parent(s) and/or step-parent(s)	94.3% ( $\pm 0.3$ ) (n=56900)	93.6% ( $\pm 0.4$ ) (n=50570)	90.7% ( $\pm 0.6$ ) (n=34511)
b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents	3.3% ( $\pm 0.2$ ) (n=1968)	3.6% ( $\pm 0.2$ ) (n=1936)	4.6% ( $\pm 0.3$ ) (n=1755)
c. Foster care parent(s)	0.5% ( $\pm 0.1$ ) (n=323)	0.7% ( $\pm 0.1$ ) (n=385)	0.7% ( $\pm 0.1$ ) (n=259)
d. An adult friend(s) of your family	0.3% ( $\pm 0.0$ ) (n=211)	0.5% ( $\pm 0.1$ ) (n=294)	1.0% ( $\pm 0.1$ ) (n=374)
e. Friends of yours with no adults present	0.2% ( $\pm 0.0$ ) (n=114)	0.4% ( $\pm 0.1$ ) (n=198)	0.6% ( $\pm 0.1$ ) (n=212)
f. On your own	0.3% ( $\pm 0.0$ ) (n=185)	0.4% ( $\pm 0.1$ ) (n=216)	0.9% ( $\pm 0.1$ ) (n=360)
g. Other	1.0% ( $\pm 0.1$ ) (n=627)	0.8% ( $\pm 0.1$ ) (n=427)	1.5% ( $\pm 0.2$ ) (n=575)
Any other living situation, not living with parents/step-parents	5.7% ( $\pm 0.3$ ) (n=3428)	6.4% ( $\pm 0.4$ ) (n=3456)	9.3% ( $\pm 0.6$ ) (n=3535)

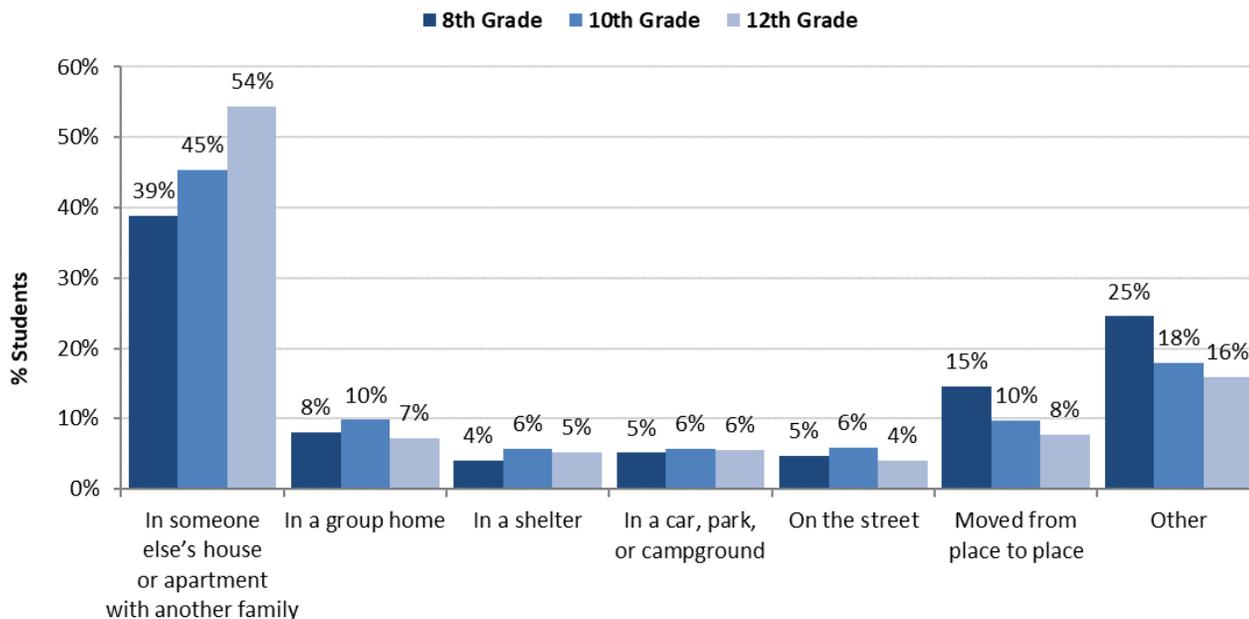
**Figure 1: Who Youth Live With Among Youth Not Living with Parents/step-parents by Grade**



**Table 2: Where Youth Live by Grade**

Where did you live most of the time in the last 30 days?	Grade 8	Grade 10	Grade 12
a. In my own house or apartment that my family rents or owns	95.5% ( $\pm 0.3$ ) (n=51482)	93.3% ( $\pm 0.4$ ) (n=35441)	95.1% ( $\pm 0.2$ ) (n=144593)
b. In someone else's house or apartment with another family	2.0% ( $\pm 0.2$ ) (n=1093)	3.6% ( $\pm 0.3$ ) (n=1377)	2.3% ( $\pm 0.1$ ) (n=3442)
c. In a group home	0.4% ( $\pm 0.1$ ) (n=237)	0.5% ( $\pm 0.1$ ) (n=183)	0.4% ( $\pm 0.0$ ) (n=620)
d. In a shelter	0.3% ( $\pm 0.0$ ) (n=139)	0.4% ( $\pm 0.1$ ) (n=133)	0.2% ( $\pm 0.0$ ) (n=374)
e. In a car, park, or campground	0.3% ( $\pm 0.0$ ) (n=137)	0.4% ( $\pm 0.1$ ) (n=141)	0.3% ( $\pm 0.0$ ) (n=406)
f. On the street	0.3% ( $\pm 0.0$ ) (n=141)	0.3% ( $\pm 0.0$ ) (n=101)	0.2% ( $\pm 0.0$ ) (n=360)
g. Moved from place to place	0.4% ( $\pm 0.1$ ) (n=234)	0.5% ( $\pm 0.1$ ) (n=194)	0.5% ( $\pm 0.0$ ) (n=793)
h. Other	0.8% ( $\pm 0.1$ ) (n=431)	1.1% ( $\pm 0.1$ ) (n=403)	1.0% ( $\pm 0.1$ ) (n=1447)
<i>Any other living location not in my own house or apartment that my family rents</i>	4.5% ( $\pm 0.3$ ) (n=2412)	6.7% ( $\pm 0.4$ ) (n=2532)	4.9% ( $\pm 0.2$ ) (n=7442)

**Figure 2: Where Youth Live Among Those Not Living in a House/Apartment that Their Family Rents or Owns by Grade**



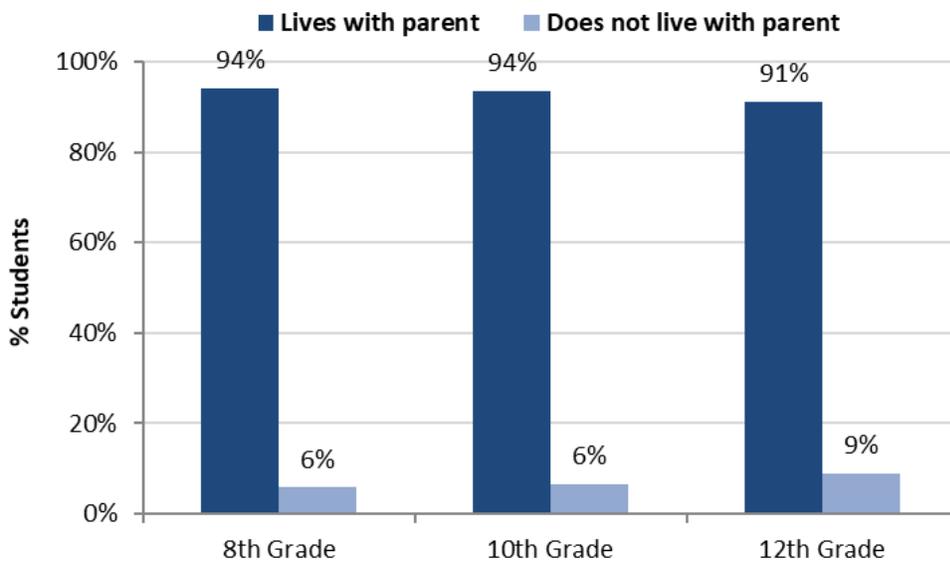
## Living Arrangement Category Definitions for Who They Live With

### Living with Parents Definition

In these analyses, “living with parents/step-parents” is computed from the following question and response options.

- Question: Who did you live with most of the time in the last 30 days?
- Collapsed responses:
  - “Living with parents/step-parents” = a. Parent(s) and/or step-parent(s)
  - “Not living with parents/step-parents” = b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents, c. Foster care parent(s), d. An adult friend(s) of your family, e. Friends of yours with no adults present, f. On your own, and g. Other

**Figure 3: Not Living with Parents by Grade**

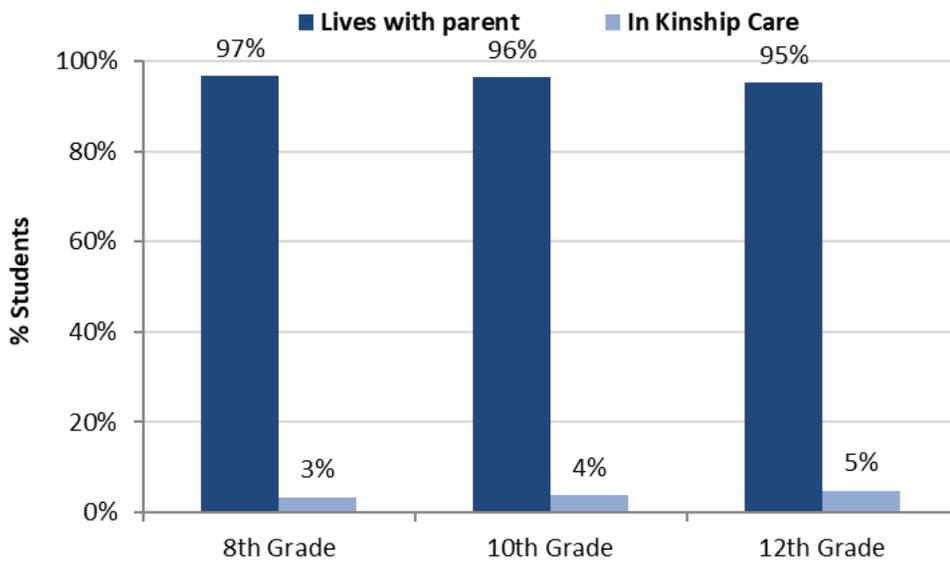


### Kinship Care Definition

In these analyses, “kinship care” is computed from the following question and response options.

- Question: Who did you live with most of the time in the last 30 days?
- Collapsed responses:
  - “Kinship care” = b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents
  - “Living with parents/step-parents” = a. Parent(s) and/or step-parent(s)
  - Not included = c. Foster care parent(s), d. An adult friend(s) of your family, e. Friends of yours with no adults present, f. On your own, and g. Other

**Figure 4: Living in Kinship Care by Grade**

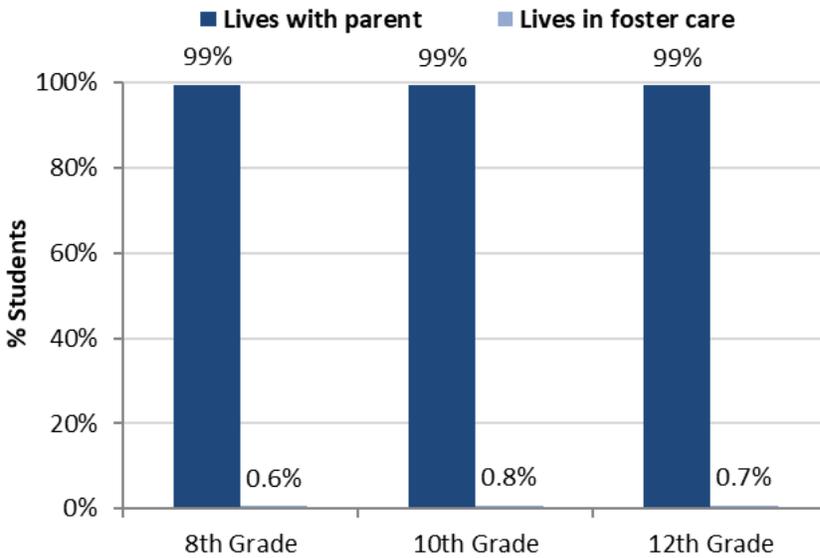


### Foster Care Definition

In these analyses, “Lives in foster care” is computed from the following question and response options.

- Question: Who did you live with most of the time in the last 30 days?
- Collapsed responses:
  - “Lives in foster care” = c. Foster care parent(s)
  - “Lives with parents” = a. Parent(s) and/or step-parent(s)
  - Not included = b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents, d. An adult friend(s) of your family, e. Friends of yours with no adults present, f. On your own, and g. Other

**Figure 5: Living in Foster Care by Grade**



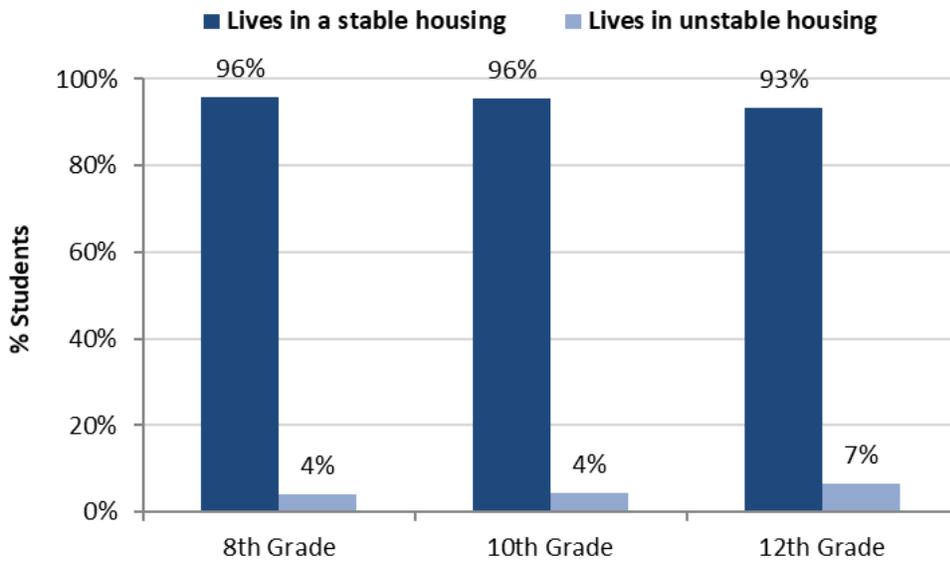
## Living Arrangement Category Definitions for Where they Live

### Stable and Unstable Housing Definition

In these analyses, “living in unstable housing” is computed from the following question and response options.

- Question: Where did you live most of the time in the last 30 days?
- Collapsed responses:
  - “Living in unstable housing” = b. In someone else’s house or apartment, c. In a group home, d. In a shelter, e. In a car, park, or campground, f. On the street, g. Moved from place to place, h. Other
  - “Lives in stable housing” = a. In my own house or apartment that my family rents or owns

**Figure 6: Living in Unstable Housing by Grade**

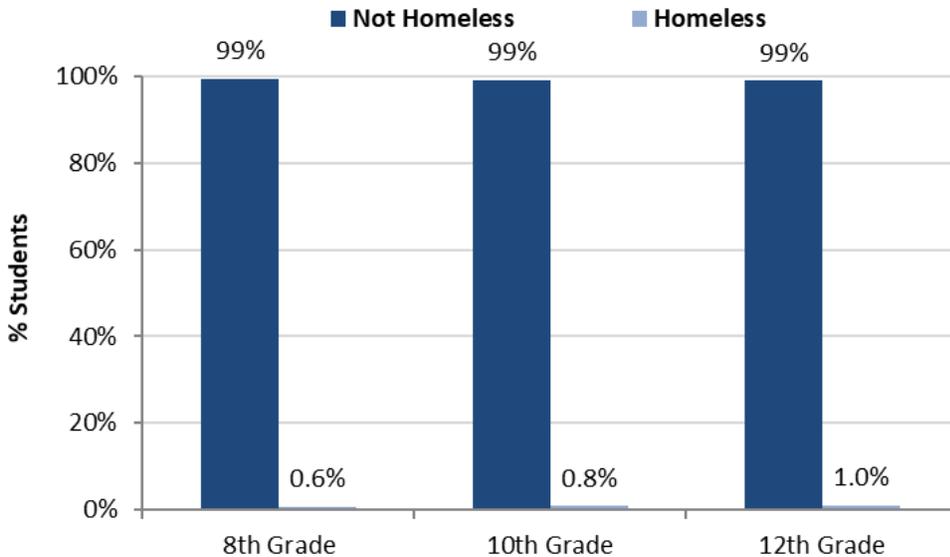


### Homeless\* Definition

In these analyses, “homelessness” is computed from the following question and response options.

- Question: Where did you live most of the time in the last 30 days?
- Collapsed responses:
  - “Homeless” = d. In a shelter, e. In a car, park, or campground, f. On the street
  - “Not homeless” = a. In a house, apartment, or mobile home, b. In a motel or hotel, c. In a group home, g. Moved from place to place, h. Other

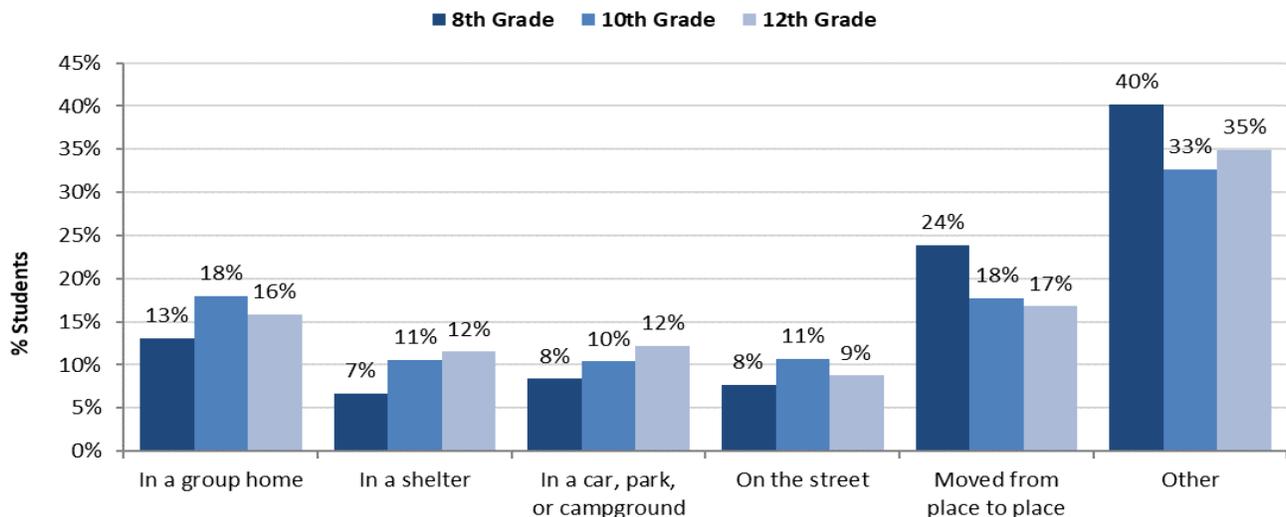
**Figure 7: Homelessness by Grade**



\*Note: The definition of homeless used in this analysis does not match the McKinney Vento Act definition of homeless. McKinney-Vento defines homeless children as “individuals who lack a fixed, regular, and inadequate nighttime residence” and provides examples including “children or youth living in motels, hotels, trailer parks, or camp grounds due to lack of alternative accommodations”.

Among youth living in unstable housing, here is the breakdown of the other responses by grade:

**Figure 8: Youth Who Lack a Fixed, Regular, or Inadequate Nighttime Residence by Grade**



# Findings for Kinship Care

## Kinship Care Status Table by Risk-Related Questions

This table provides the percentages of students who reported risk behaviors according to who they live with – parents/step-parents or in kinship care (with relative). Differences between the two groups are indicated by an “\*”.

**Table 3: Kinship Care and Risks by Grade**

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
<b>Current Substance Use</b>									
Smoked cigarettes in past 30 days	2.5%	8.5%	*	5.7%	14.8%	*	9.5%	18.9%	*
Used e-cig/vaped in past 30 days	5.4%	13.9%	*	11.0%	20.7%	*	17.2%	26.9%	*
Drank alcohol in past 30 days	7.1%	15.0%	*	18.7%	29.2%	*	31.1%	37.2%	*
Binge drank in past 2 weeks	3.5%	9.5%	*	9.5%	17.9%	*	16.7%	22.5%	*
Used marijuana in past 30 days	5.5%	16.8%	*	14.9%	31.3%	*	24.1%	34.6%	*
Used other illegal drug in past 30 days	2.3%	8.1%	*	4.7%	9.4%	*	6.9%	11.0%	*
Used painkillers to get high in past 30 days	1.8%	5.4%	*	3.5%	7.9%	*	4.2%	9.6%	*
Used non-prescribed prescriptions in past 30 days	4.4%	9.5%	*	6.8%	13.3%	*	7.5%	12.9%	*
<b>Lifetime Substance Use</b>									
Ever used inhalants	4.2%	7.9%	*	6.0%	12.5%	*	6.9%	10.8%	*
Ever used heroin	2.4%	5.3%	*	3.0%	6.1%	*	3.4%	6.7%	*
Ever used methamphetamine	2.3%	4.5%	*	3.2%	6.9%	*	4.0%	8.2%	*
Ever used cocaine	2.5%	6.1%	*	4.2%	7.7%	*	6.6%	13.8%	*
Ever used steroids, not prescribed	2.4%	5.5%	*	3.0%	5.4%	*	3.3%	4.4%	ns
<b>Substance Use - Use at Home &amp; Use at School</b>									
Live with someone who uses marijuana	14.9%	32.1%	*	20.1%	33.2%	*	22.4%	31.7%	*
Drunk or high at school in past year	5.1%	15.0%	*	12.2%	25.5%	*	16.6%	27.4%	*
Used alcohol at school in past month	3.2%	8.2%	*	5.6%	10.5%	*	6.8%	9.4%	*

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
Used marijuana at school in past month	3.2%	9.5%	*	6.0%	12.8%	*	7.2%	11.6%	*
<b>Mental Health-related Issues</b>									
Experienced depressive feelings in past year	26.9%	43.0%	*	34.0%	48.1%	*	35.5%	46.8%	*
Considered suicide in past year	15.8%	27.2%	*	19.6%	31.8%	*	18.9%	25.9%	*
Attempted suicide in past year	7.7%	16.8%	*	8.8%	19.6%	*	7.2%	15.7%	*
Felt nervous, anxious or on edge in past 2 weeks	52.7%	57.9%	*	64.4%	67.4%	*	67.8%	66.5%	ns
Not able to stop/control worrying in past 2 weeks	39.6%	47.8%	*	51.8%	60.8%	*	56.1%	61.0%	*
<b>Health and Healthcare-related Issues</b>									
Obese	10.1%	15.0%	*	11.6%	17.8%	*	13.5%	17.7%	*
Current asthma	7.9%	9.8%	*	9.0%	11.5%	*	9.2%	11.1%	ns
No dentist checkup in past year	20.6%	35.2%	*	18.6%	35.1%	*	20.4%	40.2%	*
Missed school due to toothache in past year	4.0%	11.6%	*	3.3%	9.1%	*	3.9%	14.5%	*
<b>Nutrition</b>									
Not getting 5 servings of fruits/vegetables	22.7%	24.1%	ns	19.4%	21.4%	ns	18.1%	19.9%	ns
Drink sweetened beverages 2 times a day	6.8%	10.9%	*	7.8%	12.1%	*	9.7%	15.4%	*
Ate junk food 7 days or more a week	5.1%	6.9%	*	4.8%	7.7%	*	4.2%	5.7%	*
Never/rarely eat dinner with family	15.0%	28.1%	*	19.0%	32.5%	*	24.3%	40.3%	*
Family had to cut meal size	9.4%	19.3%	*	11.3%	22.6%	*	13.1%	26.2%	*
Did not eat breakfast today	32.7%	43.2%	*	38.2%	50.0%	*	42.3%	49.3%	*
<b>Physical Activity</b>									
3 or more hours of TV daily	18.5%	23.5%	*	17.4%	22.6%	*	18.0%	24.2%	*
3 or more hours of video games/computer for fun	38.4%	45.1%	*	41.5%	43.1%	ns	39.1%	37.9%	ns

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
No participation in afterschool activities	35.3%	49.2%	*	34.4%	46.8%	*	36.4%	48.4%	*
Did not meet physical activity recommendations	70.2%	73.8%	*	76.8%	78.6%	ns	79.4%	79.2%	ns
<b>Sexual Behaviors</b>									
Ever had sexual intercourse	6.5%	16.5%	*	21.8%	43.2%	*	46.3%	64.0%	*
Four or more sex partners	20.0%	20.5%	ns	17.0%	27.4%	*	25.1%	35.0%	*
No condom during last sex	41.2%	42.4%	ns	41.2%	41.8%	ns	46.6%	51.4%	ns
<b>Abuse and Sexual Abuse</b>									
Abused by an adult	18.4%	32.9%	*	21.4%	40.8%	*	20.3%	38.6%	*
Threatened by boyfriend/girlfriend	10.3%	15.9%	*	14.7%	21.6%	*	14.4%	23.0%	*
Hurt on purpose by boyfriend/girlfriend	6.3%	14.1%	*	8.8%	18.4%	*	8.1%	21.8%	*
Ever sexually abused	11.2%	21.8%	*	16.1%	27.6%	*	19.5%	30.0%	*
<b>School and Achievement</b>									
Usually get C's, D's or F's in school	20.2%	37.7%	*	23.3%	41.8%	*	27.4%	39.4%	*
Never/seldom enjoys school	21.4%	30.3%	*	26.9%	35.6%	*	29.1%	35.3%	*
Never/seldom try to do best work in school	7.4%	12.3%	*	7.9%	11.6%	*	8.8%	11.1%	*
Skipped school in past month	17.3%	25.3%	*	18.8%	29.7%	*	28.1%	37.5%	*
Less than 5 hours of sleep on a school night	10.3%	17.1%	*	16.5%	22.7%	*	19.9%	24.3%	*
<b>School Climate</b>									
Don't feel safe at school	15.8%	23.3%	*	16.4%	22.7%	*	14.3%	18.8%	*
Felt unsafe going to/from school	9.2%	17.5%	*	9.6%	21.2%	*	8.8%	20.4%	*
Bullied at school	27.1%	33.9%	*	21.1%	27.2%	*	16.2%	18.6%	*
Harassed with a computer or cell phone	10.3%	16.9%	*	11.4%	18.5%	*	10.3%	15.5%	*
Carried a weapon at school in past month	3.5%	6.9%	*	5.2%	9.2%	*	6.7%	10.3%	*

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference	Living with Parents	In Kinship Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
<b>Violence-related Behaviors</b>									
Fighting in the past year	25.9%	40.7%	*	19.5%	31.7%	*	15.2%	24.4%	*
In a gang	4.6%	10.4%	*	4.4%	9.2%	*	4.2%	9.1%	*
Carried a gun in the past month	3.2%	5.8%	*	3.3%	6.7%	*	3.5%	7.3%	*

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

“\*” indicates significantly lower difference at the 95% confidence level (p-value less than 0.05).

“ns” indicates difference is not significant

# Findings for Foster Care

## Foster Care Status Table by Risk-Related Questions

This table provides the percentages of students who reported risk behaviors according to who they live with – parents/step-parents or in foster care (with relative). Differences between the two groups are indicated by an “\*”.

**Table 4: Foster Care and Risks by Grade**

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
<b>Current Substance Use</b>									
Smoked cigarettes in past 30 days	2.5%	18.4%	*	5.7%	21.7%	*	9.5%	29.6%	*
Used e-cig/vaped in past 30 days	5.4%	22.5%	*	11.0%	32.0%	*	17.2%	32.8%	*
Drank alcohol in past 30 days	7.1%	24.9%	*	18.7%	34.0%	*	31.1%	39.8%	*
Binge drank in past 2 weeks	3.5%	18.3%	*	9.5%	25.8%	*	16.7%	28.5%	*
Used marijuana in past 30 days	5.5%	25.6%	*	14.9%	33.3%	*	24.1%	36.7%	*
Used other illegal drug in past 30 days	2.3%	15.2%	*	4.7%	22.1%	*	6.9%	18.9%	*
Used painkillers to get high in past 30 days	1.8%	12.4%	*	3.5%	18.4%	*	4.2%	16.1%	*
Used non-prescribed prescriptions in past 30 days	4.4%	17.2%	*	6.8%	20.0%	*	7.5%	18.7%	*
<b>Lifetime Substance Use</b>									
Ever used inhalants	4.2%	15.5%	*	6.0%	17.9%	*	6.9%	17.8%	*
Ever used heroin	2.4%	13.4%	*	3.0%	7.6%	*	3.4%	13.9%	*
Ever used methamphetamine	2.3%	12.6%	*	3.2%	9.2%	*	4.0%	23.6%	*
Ever used cocaine	2.5%	15.8%	*	4.2%	12.4%	*	6.6%	24.7%	*
Ever used steroids, not prescribed	2.4%	10.5%	*	3.0%	10.8%	*	3.3%	9.7%	*
<b>Substance Use - Use at Home &amp; Use at School</b>									
Live with someone who uses marijuana	14.9%	40.7%	*	20.1%	27.0%	ns	22.4%	26.1%	ns
Drunk or high at school in past year	5.1%	22.5%	*	12.2%	35.8%	*	16.6%	36.1%	*
Used alcohol at school in past month	3.2%	14.0%	*	5.6%	18.6%	*	6.8%	18.8%	*
Used marijuana at school in past month	3.2%	17.2%	*	6.0%	18.8%	*	7.2%	18.8%	*

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
<b>Mental Health-related Issues</b>									
Experienced depressive feelings in past year	26.9%	46.4%	*	34.0%	45.2%	*	35.5%	44.1%	*
Considered suicide in past year	15.8%	29.7%	*	19.6%	30.6%	*	18.9%	36.1%	*
Attempted suicide in past year	7.7%	22.0%	*	8.8%	23.9%	*	7.2%	23.3%	*
Felt nervous, anxious or on edge in past 2 weeks	52.7%	59.9%	*	64.4%	69.1%	ns	67.8%	66.4%	ns
Not able to stop/control worrying in past 2 weeks	39.6%	59.7%	*	51.8%	66.9%	*	56.1%	62.8%	*
<b>Health and Healthcare-related Issues</b>									
Obese	10.1%	13.0%	ns	11.6%	17.8%	*	13.5%	18.4%	ns
Current asthma	7.9%	11.9%	*	9.0%	11.7%	ns	9.2%	13.2%	ns
No dentist checkup in past year	20.6%	43.0%	*	18.6%	48.7%	*	20.4%	57.2%	*
Missed school due to toothache in past year	4.0%	24.2%	*	3.3%	33.8%	*	3.9%	39.0%	*
<b>Nutrition</b>									
Not getting 5 servings of fruits/vegetables	22.7%	37.2%	*	19.4%	33.5%	*	18.1%	27.5%	*
Drink sweetened beverages 2 times a day	6.8%	12.9%	*	7.8%	13.2%	*	9.7%	13.5%	ns
Ate junk food 7 days or more a week	5.1%	13.3%	*	4.8%	12.8%	*	4.2%	12.8%	*
Never/rarely eat dinner with family	15.0%	32.3%	*	19.0%	40.7%	*	24.3%	39.8%	*
Family had to cut meal size	9.4%	36.0%	*	11.3%	43.9%	*	13.1%	42.8%	*
Did not eat breakfast today	32.7%	43.6%	*	38.2%	50.0%	*	42.3%	45.0%	ns
<b>Physical Activity</b>									
3 or more hours of TV daily	18.5%	21.8%	ns	17.4%	21.9%	ns	18.0%	21.3%	ns
3 or more hours of video games/computer for fun	38.4%	31.5%	*	41.5%	28.8%	*	39.1%	25.9%	*
No participation in afterschool activities	35.3%	44.0%	ns	34.4%	38.6%	ns	36.4%	36.0%	ns

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
Did not meet physical activity recommendations	70.2%	71.6%	*	76.8%	76.3%	ns	79.4%	77.1%	ns
<b>Sexual Behaviors</b>									
Ever had sexual intercourse	6.5%	46.1%	*	21.8%	60.5%	*	46.3%	68.2%	*
Four or more sex partners	20.0%	35.3%	*	17.0%	15.8%	ns	25.1%	35.5%	*
No condom during last sex	41.2%	50.0%	ns	41.2%	51.6%	*	46.6%	61.7%	*
<b>Abuse and Sexual Abuse</b>									
Abused by an adult	18.4%	52.3%	*	21.4%	55.4%	*	20.3%	40.9%	*
Threatened by boyfriend/girlfriend	10.3%	37.8%	*	14.7%	38.3%	*	14.4%	36.0%	*
Hurt on purpose by boyfriend/girlfriend	6.3%	31.9%	*	8.8%	40.2%	*	8.1%	33.0%	*
Ever sexually abused	11.2%	42.0%	*	16.1%	40.7%	*	19.5%	48.6%	*
<b>School and Achievement</b>									
Usually get C's, D's or F's in school	20.2%	46.9%	*	23.3%	50.3%	*	27.4%	47.0%	*
Never/seldom enjoys school	21.4%	43.8%	*	26.9%	41.4%	*	29.1%	41.1%	*
Never/seldom try to do best work in school	7.4%	20.9%	*	7.9%	15.8%	*	8.8%	23.8%	*
Skipped school in past month	17.3%	24.4%	*	18.8%	28.3%	*	28.1%	31.8%	ns
Less than 5 hours of sleep on a school night	10.3%	25.5%	*	16.5%	27.8%	*	19.9%	21.7%	ns
<b>School Climate</b>									
Don't feel safe at school	15.8%	26.5%	*	16.4%	32.6%	*	14.3%	24.1%	*
Felt unsafe going to/from school	9.2%	46.1%	*	9.6%	50.7%	*	8.8%	53.0%	*
Bullied at school	27.1%	46.0%	*	21.1%	39.9%	*	16.2%	31.5%	*
Harassed with a computer or cell phone	10.3%	22.3%	*	11.4%	25.2%	*	10.3%	29.5%	*
Carried a weapon at school in past month	3.5%	10.5%	*	5.2%	16.5%	*	6.7%	13.9%	*
<b>Violence-related Behaviors</b>									
Fighting in the past year	25.9%	52.1%	*	19.5%	40.9%	*	15.2%	39.5%	*
In a gang	4.6%	17.3%	*	4.4%	15.9%	*	4.2%	17.8%	*

HYS Risk Measures	8th Grade			10th Grade			12th Grade		
	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference	Living with Parents	In Foster Care	Difference
	%	%	* = sig	%	%	* = sig	%	%	* = sig
Carried a gun in the past month	3.2%	7.6%	*	3.3%	11.8%	*	3.5%	12.5%	*

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

“\*” indicates significantly lower difference at the 95% confidence level (p-value less than 0.05).

“ns” indicates difference is not significant

# Preliminary Findings for Who They Live With

## Kinship Care & Foster Care Associations Table

This table provides odds ratios and p-values for risk behaviors among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students combined for:

- In kinship care compared to youth living with a parent/step-parent
- In foster care compared to youth living with a parent/step-parent
- In foster care compared to youth in kinship care

The odds ratios presented in this table are measures of association between a living situation and an outcome like cigarette smoking. For example, looking at the results below:

- Youth in kinship care are 2.7 times more likely to smoke cigarettes than youth who live with their parents.
- Youth in foster care are 5.1 times more likely to smoke cigarettes than youth who live with their parents.
- Youth in foster care are 1.9 times more likely to smoke cigarettes than youth in kinship care.

The existence of an association does not necessarily imply that one thing causes the other. Results are adjusted for gender and grade.

**Table 5: Comparisons between Risk Behaviors among Youth Living with Parents, in Kinship Care, and in Foster Care**

HYS Measures	Comparing Kinship Care to Living with Parent/Guardian				Comparing Foster Care to Living with Parent/Guardian				Comparing Foster Care to Kinship Care			
	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value
<b>Demographics</b>												
Female	1.0	0.9	1.1	0.96	0.7	0.6	0.8	0.00*	0.7	0.6	0.8	0.00*
Male	1.0	0.9	1.1	0.96	1.4	1.2	1.6	0.00*	1.4	1.2	1.6	0.00*
White non-Hispanic	0.6	0.5	0.6	0.00*	0.5	0.5	0.6	0.00*	0.9	0.8	1.1	0.41
Hispanic	1.2	1.1	1.3	0.00*	1.3	1.2	1.6	0.00*	1.1	0.9	1.3	0.22
American Indian/Alaska Native non-Hispanic	2.6	2.3	2.9	0.00*	2.9	2.2	3.7	0.00*	1.1	0.8	1.5	0.43
Asian non-Hispanic	0.8	0.8	0.9	0.00*	0.6	0.5	0.8	0.00*	0.7	0.5	1.0	0.02*
Black or African American non-Hispanic	1.8	1.6	2.0	0.00*	2.4	1.9	3.0	0.00*	1.3	1.0	1.6	0.04*
Native Hawaiian or other Pacific Islander non-Hispanic	2.5	2.2	2.9	0.00*	1.8	1.2	2.6	0.00*	0.7	0.5	1.0	0.08
Other race non-Hispanic	1.3	1.1	1.4	0.00*	1.9	1.5	2.4	0.00*	1.5	1.2	1.9	0.00*
Multi-racial non-Hispanic	1.4	1.3	1.5	0.00*	0.8	0.6	1.1	0.26	0.6	0.4	0.8	0.00*
English Speaking Home	0.8	0.7	0.8	0.00*	0.3	0.3	0.3	0.00*	0.4	0.4	0.5	0.00*

HYS Measures	Comparing Kinship Care to Living with Parent/Guardian				Comparing Foster Care to Living with Parent/Guardian				Comparing Foster Care to Kinship Care			
	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value
Spanish Speaking Home	1.1	1.0	1.2	0.045*	1.6	1.3	1.9	0.00*	1.4	1.2	1.7	0.00*
Other Language Speaking Home	1.5	1.4	1.7	0.00*	4.2	3.6	4.8	0.00*	2.7	2.3	3.1	0.00*
Higher Socio-Economic Status*	0.3	0.3	0.3	0.00*	0.5	0.4	0.6	0.00*	1.4	1.2	1.7	0.00*
Lower Socio-Economic Status*	3.1	2.9	3.3	0.00*	2.1	1.8	2.5	0.00*	0.7	0.6	0.8	0.00*
Heterosexual	0.6	0.5	0.6	0.00*	0.3	0.3	0.4	0.00*	0.5	0.4	0.7	0.00*
Gay or lesbian	2.0	1.7	2.3	0.00*	2.1	1.8	2.5	0.00*	2.3	1.7	3.2	0.00*
Bisexual	1.7	1.6	1.9	0.00*	2.7	2.1	3.4	0.00*	1.5	1.2	2.0	0.00*
<b>Current Substance Use</b>												
Smoked cigarettes in past 30 days	2.7	2.5	2.9	0.00*	5.1	4.3	6.0	0.00*	1.9	1.6	2.2	0.00*
Used e-cig/vaped in past 30 days	2.1	1.9	2.3	0.00*	3.5	2.9	4.2	0.00*	1.6	1.3	1.9	0.00*
Drank alcohol in past 30 days	1.7	1.5	1.8	0.00*	2.3	2.0	2.7	0.00*	1.4	1.2	1.6	0.00*
Binge drank in past 2 weeks	1.9	1.7	2.0	0.00*	3.2	2.7	3.8	0.00*	1.6	1.4	1.9	0.00*
Used marijuana in past 30 days	2.3	2.2	2.5	0.00*	3.0	2.6	3.5	0.00*	1.3	1.1	1.5	0.00*
Used other illegal drug in past 30 days	2.2	1.9	2.5	0.00*	5.4	4.0	7.2	0.00*	2.3	1.7	3.2	0.00*
Used painkillers to get high in past 30 days	2.5	2.3	2.8	0.00*	5.8	4.8	6.9	0.00*	2.2	1.8	2.7	0.00*
Used non-prescribed prescriptions in past 30 days	2.0	1.8	2.3	0.00*	3.5	2.7	4.7	0.00*	1.7	1.3	2.3	0.00*
<b>Lifetime Substance Use</b>												
Ever used inhalants	2.0	1.7	2.2	0.00*	3.4	2.5	4.5	0.00*	1.7	1.2	2.3	0.00*
Ever used heroin	2.1	1.8	2.5	0.00*	4.1	2.9	5.9	0.00*	1.9	1.3	2.9	0.00*
Ever used methamphetamine	2.2	1.8	2.6	0.00*	5.0	3.7	6.9	0.00*	2.3	1.7	3.3	0.00*
Ever used cocaine	2.2	1.9	2.6	0.00*	4.6	3.4	6.3	0.00*	2.1	1.5	2.9	0.00*
Ever used steroids, not prescribed	1.8	1.5	2.3	0.00*	4.2	2.9	6.0	0.00*	2.2	1.5	3.3	0.00*
<b>Substance Use - Use at Home &amp; Use at School</b>												
Live with someone who uses marijuana	2.0	1.8	2.2	0.00*	4.2	2.9	6.0	0.00*	0.9	0.7	1.2	0.65
Drunk or high at school in past year	2.4	2.2	2.6	0.00*	2.0	1.5	2.5	0.00*	1.6	1.3	2.1	0.00*
Used alcohol at school in past month	1.9	1.6	2.2	0.00*	4.0	3.2	5.2	0.00*	2.0	1.4	2.7	0.00*
Used marijuana at school in past month	2.2	2.0	2.6	0.00*	3.9	2.9	5.2	0.00*	1.7	1.3	2.3	0.00*
<b>Mental Health-related Issues</b>												
Experienced depressive feelings in past year	1.9	1.7	2.0	0.00*	1.9	1.7	2.2	0.00*	1.1	0.9	1.2	0.37

HYS Measures	Comparing Kinship Care to Living with Parent/Guardian				Comparing Foster Care to Living with Parent/Guardian				Comparing Foster Care to Kinship Care			
	Odds Ratio	95% CI Lower Upper		P-value	Odds Ratio	95% CI Lower Upper		P-value	Odds Ratio	95% CI Lower Upper		P-value
Considered suicide in past year	1.8	1.7	1.9	0.00*	2.3	2.0	2.6	0.00*	1.3	1.1	1.5	0.00*
Attempted suicide in past year	2.5	2.2	2.8	0.00*	4.0	3.3	4.9	0.00*	1.6	1.3	1.9	0.00*
Felt nervous, anxious or on edge in past 2 weeks	1.1	1.0	1.2	0.00*	1.3	1.1	1.5	0.00*	1.2	1.0	1.4	0.046*
Not able to stop/control worrying in past 2 weeks	1.4	1.3	1.5	0.00*	2.1	1.8	2.4	0.00*	1.5	1.3	1.8	0.00*
<b>Health-related Issues</b>												
Obese	1.5	1.4	1.7	0.00*	1.4	1.1	1.7	0.00*	0.9	0.7	1.2	0.58
Current asthma	1.3	1.1	1.4	0.00*	1.6	1.2	2.0	0.00*	1.2	0.9	1.6	0.15
<b>Healthcare Access-related Issues</b>												
No dentist checkup in past year	2.3	2.2	2.6	0.00*	3.9	3.3	4.6	0.00*	1.6	1.3	1.9	0.00*
Missed school due to toothache in past year	3.4	3.0	3.9	0.00*	12.0	10.0	14.5	0.00*	3.4	2.7	4.2	0.00*
<b>Nutrition</b>												
Not getting 5 servings of fruits/vegetables	1.1	1.0	1.2	0.049*	1.9	1.6	2.3	0.00*	1.7	1.4	2.1	0.00*
Drink sweetened beverages 2 times a day	1.7	1.5	1.9	0.00*	1.6	1.3	2.1	0.00*	1.0	0.7	1.3	0.75
Ate junk food 7 days or more a week	1.5	1.3	1.7	0.00*	2.9	2.3	3.7	0.00*	1.9	1.5	2.5	0.00*
Never/rarely eat dinner with family	2.1	1.9	2.3	0.00*	2.7	2.2	3.2	0.00*	1.2	1.0	1.5	0.06
Family had to cut meal size	2.3	2.1	2.5	0.00*	5.6	4.8	6.6	0.00*	2.4	2.0	2.8	0.00*
Did not eat breakfast today	1.5	1.4	1.6	0.00*	1.5	1.3	1.8	0.00*	1.0	0.9	1.2	0.68
<b>Physical Activity</b>												
3 or more hours of TV daily	1.4	1.3	1.5	0.00*	1.3	1.1	1.6	0.01*	0.9	0.7	1.1	0.32
3 or more hours of video games/computer for fun	1.1	1.0	1.2	0.02*	0.6	0.5	0.7	0.00*	0.6	0.5	0.7	0.00*
No participation in afterschool activities	1.7	1.6	1.8	0.00*	1.2	1.0	1.4	0.01*	0.7	0.6	0.8	0.00*
Did not meet physical activity recommendations	1.1	1.0	1.2	0.02*	1.1	0.9	1.3	0.47	1.0	0.8	1.2	0.68
<b>Sexual Behaviors</b>												
Ever had sexual intercourse	2.5	2.2	2.8	0.00*	5.6	4.3	7.3	0.00*	2.2	1.7	2.8	0.00*
Four or more sex partners	1.6	1.4	1.9	0.00*	1.4	1.0	1.9	0.03*	0.9	0.6	1.2	0.46
Did not use a condom during last sex	1.1	1.0	1.3	0.10	1.7	1.3	2.3	0.00*	1.5	1.1	2.1	0.02*
<b>Abuse and Sexual Abuse</b>												
Abused by an adult	2.4	2.2	2.6	0.00*	4.2	3.5	5.0	0.00*	1.8	1.4	2.1	0.00*

HYS Measures	Comparing Kinship Care to Living with Parent/Guardian				Comparing Foster Care to Living with Parent/Guardian				Comparing Foster Care to Kinship Care			
	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value	Odds Ratio	95% CI Lower   Upper		P-value
Threatened by boyfriend/girlfriend	1.7	1.5	1.9	0.00*	4.3	3.5	5.3	0.00*	2.4	1.9	3.1	0.00*
Hurt on purpose by boyfriend/girlfriend	2.7	2.3	3.1	0.00*	6.8	5.4	8.4	0.00*	2.4	1.9	3.1	0.00*
Ever sexually abused	2.0	1.8	2.3	0.00*	4.9	3.9	6.2	0.00*	2.4	1.9	3.0	0.00*
<b>School and Achievement</b>												
Usually get C's, D's or F's in school	2.2	2.0	2.3	0.00*	3.0	2.6	3.4	0.00*	1.4	1.2	1.6	0.00*
Never/seldom enjoys school	1.5	1.4	1.6	0.00*	2.1	1.8	2.4	0.00*	1.4	1.2	1.7	0.00*
Never/seldom try to do best work in school	1.5	1.4	1.7	0.00*	2.9	2.2	3.8	0.00*	1.8	1.4	2.5	0.00*
Skipped school in past month	1.7	1.5	1.8	0.00*	1.5	1.2	1.9	0.00*	0.9	0.7	1.1	0.35
Less than 5 hours of sleep on a school night	1.5	1.4	1.6	0.00*	2.0	1.6	2.4	0.00*	1.3	1.1	1.6	0.01*
<b>School Climate</b>												
Don't feel safe at school	1.5	1.4	1.6	0.00*	2.1	1.8	2.4	0.00*	1.4	1.2	1.6	0.00*
Felt unsafe going to/from school	2.4	2.2	2.7	0.00*	10.6	8.8	12.8	0.00*	4.0	3.3	4.8	0.00*
Bullied at school	1.3	1.2	1.4	0.00*	2.5	2.2	2.9	0.00*	1.9	1.6	2.2	0.00*
Harassed with a computer or cell phone	1.7	1.6	1.9	0.00*	3.1	2.6	3.7	0.00*	1.7	1.4	2.1	0.00*
Carried a weapon at school in past month	1.8	1.6	2.0	0.00*	2.9	2.3	3.5	0.00*	1.6	1.3	2.0	0.00*
<b>Violence-related Behaviors</b>												
Fighting in the past year	1.9	1.8	2.1	0.00*	3.1	2.7	3.5	0.00*	1.6	1.4	1.8	0.00*
In a gang	2.3	2.1	2.5	0.00*	4.2	3.5	5.0	0.00*	1.8	1.5	2.2	0.00*
Carried a gun in the past month	2.1	1.7	2.4	0.00*	3.0	2.3	3.9	0.00*	1.4	1.1	1.9	0.02*

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

Red text indicates the odds ratio is significantly higher than the comparison group at the 95% confidence level (p-value less than 0.05).

Green text indicates the odds ratio is significantly lower than the comparison group at the 95% confidence level (p-value less than 0.05).

## Summary of Kinship Care and Foster Care Findings

### Results for Associated Risks with Kinship Care

See the Kinship Care & Foster Care Associations Table for details.

Comparing all youth in kinship care to those who lived with their parents/step-parents, youth in kinship care were more likely to be Hispanic, American Indian/Alaska Native, Black or African American, Native Hawaiian or other Pacific Islander, another race, or multi-racial, from Spanish and other non-English speaking homes, to have lower socio-economic status, and to describe themselves as gay, lesbian, or bisexual.

We found a number of risks that were associated with living in kinship care. Results were adjusted for gender and grade-level. Youth in kinship care were more likely to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures
- Mental health – all measures
- Health-related issues – all measures
- Healthcare access-related issues – all measures
- Nutrition – all measures
- Physical activity – mixed results
- Sexual behaviors – all measures, except condom use
- Abuse and sexual abuse – all measures
- School achievement – all measures
- School climate – all measures
- Violence-related behaviors – all measures.

As noted in the Introduction, “association” is not the same as “causation”.

### **Results for Associated Risks with Foster Care**

Comparing all youth in foster care to those who lived with their parents/step-parents, youth in foster care were more likely to be male, Hispanic, American Indian/Alaska Native, Black or African American, Native Hawaiian or other Pacific Islander, or another race, from Spanish and other non-English speaking homes, to have lower socio-economic status, and to describe themselves as gay, lesbian, or bisexual.

We found a number of risks that were associated with living in foster care. Results were adjusted for gender and grade-level. Youth in foster care were more likely to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures
- Mental health – all measures
- Health-related issues – all measures
- Healthcare access-related issues – all measures
- Nutrition – all measures
- Physical activity – watching 3 or more hours of TV and not meeting physical activity requirements
- Sexual behaviors – all measures
- Abuse and sexual abuse – all measures
- School achievement – all measures
- School climate – all measures
- Violence-related behaviors – all measures.

On a positive note, youth in foster care were less likely than those who lived with their parents to spend three or more hours playing video games or use the computer for fun.

As noted in the Introduction, “association” is not the same as “causation”.

### Comparing Associated Risks between Youth in Kinship Care to Youth in Foster Care

Comparing all youth in kinship care to those in foster care, youth in foster care were more likely to be male, Black or African American or another race, from Spanish and other non-English speaking homes, to have higher socioeconomic status, and to describe themselves as gay, lesbian, or bisexual.

Note that although there is some overlap between the two (some relative caregivers are licensed), youth in kinship care at least have the advantage of being cared for within the extended biological family.

We found a number of risks that were associated with living in foster care. Results were adjusted for gender and grade-level. Youth in foster care were more likely than youth in kinship care to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures, except living with someone using marijuana
- Mental health – all measures, except depression
- Health-related issues – no measures
- Healthcare access-related issues – all measures
- Nutrition – not eating the recommended fruits/vegetables, eating junk food daily, and family had to cut meal size
- Physical activity – no measures
- Sexual behaviors – all measures, except four or more sexual partners
- Abuse and sexual abuse – all measures
- School achievement – all measures, except skipping school
- School climate – all measures
- Violence-related behaviors – all measures.

On a positive note, youth in foster care were less likely than those in kinship care to spend 3 or more hours playing video games and were more likely to participate in afterschool activities.

As noted in the Introduction, “association” is not the same as “causation”.

# Preliminary Findings for Where They Live

## Unstable Housing & Homelessness Associations Table

This table provides odds ratios and p-values for risk behaviors among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade students combined for:

- Unstably housed youth to stably housed youth
- Homeless youth to stably housed youth
- Homeless youth to unstably housed youth

**Table 6: Comparisons between Risk Behaviors among Youth Living in Stable Housing, Unstable Housing, and Homelessness**

HYS Measures	Comparing Unstably Housed to Stably Housed				Comparing Homeless to Stably Housed				Comparing Homeless to Unstably Housed			
	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value
		Lower	Upper			Lower	Upper			Lower	Upper	
<b>Demographics</b>												
Female	0.9	0.8	0.9	0.00*	0.4	0.4	0.5	0.00*	0.4	0.4	0.5	0.00*
Male	1.1	1.1	1.2	0.00*	2.4	2.1	2.8	0.00*	2.4	2.1	2.8	0.00*
White non-Hispanic	0.6	0.6	0.6	0.00*	0.5	0.4	0.6	0.00*	0.8	0.7	1.0	0.01*
Hispanic	1.1	1.1	1.2	0.00*	1.2	1.1	1.4	0.00*	1.1	1.0	1.3	0.17
American Indian/Alaska Native non-Hispanic	2.1	1.9	2.3	0.00*	1.8	1.3	2.4	0.00*	0.8	0.6	1.2	0.29
Asian non-Hispanic	0.8	0.7	0.8	0.00*	0.7	0.6	0.9	0.01*	0.9	0.7	1.2	0.45
Black or African American non-Hispanic	2.0	1.8	2.2	0.00*	3.4	2.8	4.1	0.00*	1.8	1.5	2.3	0.00*
Native Hawaiian or other Pacific Islander non-Hispanic	1.9	1.7	2.2	0.00*	2.2	1.6	3.0	0.00*	1.2	0.9	1.7	0.24
Other race non-Hispanic	2.0	1.9	2.2	0.00*	1.8	1.4	2.2	0.00*	0.9	0.7	1.1	0.20
Multi-racial non-Hispanic	1.1	1.0	1.3	0.01*	0.9	0.7	1.2	0.68	0.8	0.6	1.1	0.13
English Speaking Home	0.4	0.4	0.4	0.00*	0.1	0.1	0.1	0.00*	0.3	0.2	0.3	0.00*
Spanish Speaking Home	1.2	1.1	1.3	0.00*	1.2	1.0	1.5	0.03*	0.3	0.2	0.3	0.00*
Other Language Speaking Home	3.2	3.1	3.4	0.00*	12.2	10.8	13.8	0.00*	4.8	4.2	5.5	0.00*
Higher Socio-Economic Status*	0.5	0.4	0.5	0.00*	0.6	0.6	0.7	0.00*	1.4	1.2	1.6	0.00*
Lower Socio-Economic Status*	2.1	2.0	2.2	0.00*	1.6	1.8	2.5	0.00*	0.7	0.6	0.8	0.00*
Heterosexual	0.4	0.3	0.4	0.00*	0.2	0.2	0.2	0.00*	0.5	0.4	0.6	0.00*
Gay or lesbian	3.5	3.1	3.9	0.00*	6.0	4.8	7.4	0.00*	1.9	1.5	2.4	0.00*
Bisexual	2.1	1.9	2.3	0.00*	3.3	2.7	4.0	0.00*	1.6	1.3	2.0	0.00*

HYS Measures	Comparing Unstably Housed to Stably Housed				Comparing Homeless to Stably Housed				Comparing Homeless to Unstably Housed			
	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value
<b>Current Substance Use</b>												
Smoked cigarettes in past 30 days	4.4	4.1	4.7	0.00*	9.0	7.7	10.4	0.00*	2.3	2.0	2.7	0.00*
Used e-cig/vaped in past 30 days	3.2	3.0	3.5	0.00*	5.1	4.3	5.9	0.00*	1.7	1.4	2.0	0.00*
Drank alcohol in past 30 days	2.3	2.2	2.4	0.00*	4.7	4.1	5.5	0.00*	1.7	1.4	2.0	0.00*
Binge drank in past 2 weeks	3.0	2.8	3.2	0.00*	4.7	4.1	5.5	0.00*	2.6	2.2	3.0	0.00*
Used marijuana in past 30 days	3.1	2.9	3.3	0.00*	5.3	4.6	6.1	0.00*	1.8	1.6	2.1	0.00*
Used other illegal drug in past 30 days	3.9	3.5	4.4	0.00*	13.1	10.0	17.0	0.00*	4.0	3.0	5.2	0.00*
Used painkillers to get high in past 30 days	5.0	4.6	5.4	0.00*	11.7	9.9	13.7	0.00*	2.8	2.3	3.3	0.00*
Used non-prescribed prescriptions in past 30 days	3.1	2.8	3.5	0.00*	9.1	7.0	11.8	0.00*	2.8	2.3	3.3	0.00*
<b>Lifetime Substance Use</b>												
Ever used inhalants	3.0	2.6	3.3	0.00*	5.8	4.5	7.6	0.00*	2.2	1.7	3.0	0.00*
Ever used heroin	3.8	3.3	4.3	0.00*	10.5	7.9	13.9	0.00*	3.4	2.5	4.7	0.00*
Ever used methamphetamine	3.8	3.3	4.3	0.00*	11.5	8.9	14.8	0.00*	3.8	2.9	5.0	0.00*
Ever used cocaine	3.5	3.1	4.0	0.00*	8.2	6.3	10.6	0.00*	2.7	2.0	3.6	0.00*
Ever used steroids, not prescribed	3.7	3.3	4.2	0.00*	10.0	7.5	13.2	0.00*	3.2	2.4	4.4	0.00*
<b>Substance Use - Use at Home &amp; Use at School</b>												
Live with someone who uses marijuana	2.4	2.2	2.6	0.00*	3.3	2.6	4.3	0.00*	1.5	1.1	1.9	0.00*
Drunk or high at school in past year	3.2	2.9	3.5	0.00*	8.1	6.3	10.4	0.00*	2.8	2.2	3.6	0.00*
Used alcohol at school in past month	3.8	3.4	4.3	0.00*	12.1	9.4	15.6	0.00*	3.8	2.9	5.0	0.00*
Used marijuana at school in past month	3.8	3.4	4.2	0.00*	13.0	9.9	17.2	0.00*	4.3	3.2	5.7	0.00*
<b>Mental Health-related Issues</b>												
Experienced depressive feelings in past year	2.0	1.9	2.1	0.00*	2.0	1.7	2.2	0.00*	1.0	0.8	1.1	0.48
Considered suicide in past year	2.1	2.0	2.3	0.00*	2.5	2.2	2.9	0.00*	1.2	1.0	1.4	0.02*
Attempted suicide in past year	3.4	3.1	3.7	0.00*	5.3	4.5	6.3	0.00*	1.6	1.3	1.9	0.00*
Felt nervous, anxious or on edge in past 2 weeks	1.3	1.2	1.4	0.00*	1.5	1.3	1.7	0.00*	1.1	1.0	1.3	0.06
Not able to stop/control worrying in past 2 weeks	1.7	1.7	1.8	0.00*	2.8	2.4	3.2	0.00*	1.6	1.4	1.9	0.00*
<b>Health-related Issues</b>												
Obese	1.4	1.3	1.6	0.00*	1.4	1.2	1.7	0.00*	1.0	0.8	1.3	0.82
Current asthma	1.4	1.3	1.5	0.00*	1.4	1.1	1.7	0.01*	0.9	0.7	1.2	0.68

HYS Measures	Comparing Unstably Housed to Stably Housed				Comparing Homeless to Stably Housed				Comparing Homeless to Unstably Housed			
	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value
		Lower	Upper			Lower	Upper			Lower	Upper	
<b>Healthcare Access-related Issues</b>												
No dentist checkup in past year	3.9	3.7	4.2	0.00*	6.9	5.9	8.0	0.00*	1.9	1.6	2.3	0.00*
Missed school due to toothache in past year	7.4	6.8	8.1	0.00*	22.8	19.3	27.0	0.00*	4.0	3.3	4.9	0.00*
<b>Nutrition</b>												
Not getting 5 servings of fruits/vegetables	1.6	1.4	1.7	0.00*	2.4	2.0	2.8	0.00*	1.6	1.3	2.0	0.00*
Drink sweetened beverages 2 times a day	2.1	1.9	2.3	0.00*	2.8	2.3	3.3	0.00*	1.5	1.2	1.8	0.00*
Ate junk food 7 days or more a week	2.8	2.5	3.1	0.00*	5.8	4.8	6.9	0.00*	2.6	2.0	3.2	0.00*
Never/rarely eat dinner with family	2.8	2.6	3.0	0.00*	3.0	2.6	3.5	0.00*	1.0	0.9	1.2	0.70
Family had to cut meal size	5.2	4.9	5.6	0.00*	15.2	13.2	17.5	0.00*	3.3	2.8	3.8	0.00*
Did not eat breakfast today	1.7	1.6	1.8	0.00*	2.3	2.0	2.6	0.00*	1.4	1.2	1.6	0.00*
<b>Physical Activity</b>												
3 or more hours of TV daily	1.6	1.5	1.8	0.00*	2.3	2.0	2.6	0.00*	1.5	1.2	1.8	0.00*
3 or more hours of video games/computer for fun	0.9	0.8	0.9	0.00*	0.8	0.7	0.9	0.00*	0.9	0.8	1.1	0.23
No participation in afterschool activities	1.6	1.5	1.7	0.00*	1.0	0.9	1.2	0.71	0.6	0.5	0.7	0.00*
Did not meet physical activity recommendations	1.1	1.0	1.2	0.00*	1.3	1.1	1.6	0.00*	1.2	1.0	1.4	0.09
<b>Sexual Behaviors</b>												
Ever had sexual intercourse	3.9	3.5	4.4	0.00*	6.7	5.3	8.6	0.00*	1.7	1.4	2.2	0.00*
Four or more sex partners	2.0	1.8	2.3	0.00*	2.6	2.0	3.3	0.00*	1.4	1.1	1.8	0.01*
Condom during last sex	1.5	1.4	1.7	0.00*	1.6	1.3	2.0	0.00*	1.0	0.8	1.4	0.72
Gay or lesbian	3.5	3.1	3.9	0.00*	6.0	4.8	7.4	0.00*	1.9	1.5	2.4	0.00*
Bisexual	2.1	1.9	2.3	0.00*	3.3	2.6	4.1	0.00*	1.6	1.3	2.0	0.00*
<b>Abuse and Sexual Abuse</b>												
Abused by an adult	2.9	2.7	3.1	0.00*	3.7	3.2	4.3	0.00*	1.3	1.1	1.6	0.00*
Threatened by boyfriend/girlfriend	2.9	2.7	3.2	0.00*	6.5	5.4	7.8	0.00*	2.3	1.9	2.9	0.00*
Hurt on purpose by boyfriend/girlfriend	5.5	5.0	6.0	0.00*	15.7	13.0	19.1	0.00*	3.3	2.7	4.1	0.00*
Ever sexually abused	3.4	3.1	3.7	0.00*	6.0	4.9	7.3	0.00*	1.8	1.5	2.2	0.00*
<b>School and Achievement</b>												
Usually get C's, D's or F's in school	2.6	2.4	2.7	0.00*	3.8	3.3	4.3	0.00*	1.8	1.5	2.2	0.00*
Never/seldom enjoys school	2.1	2.0	2.2	0.00*	3.4	3.0	3.8	0.00*	1.7	1.5	2.0	0.00*
Never/seldom try to do best work in school	2.2	2.0	2.4	0.00*	4.9	3.8	6.3	0.00*	2.5	1.9	3.3	0.00*

HYS Measures	Comparing Unstably Housed to Stably Housed				Comparing Homeless to Stably Housed				Comparing Homeless to Unstably Housed			
	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value	Odds Ratio	95% CI		P-value
		Lower	Upper			Lower	Upper			Lower	Upper	
Skipped school in past month	2.5	2.3	2.7	0.00*	5.6	4.4	7.0	0.00*	2.4	1.9	3.0	0.00*
Less than 5 hours of sleep on a school night	2.0	1.9	2.2	0.00*	2.1	1.8	2.5	0.00*	1.0	0.8	1.2	0.86
<b>School Climate</b>												
Don't feel safe at school	2.1	2.0	2.3	0.00*	3.5	3.1	4.0	0.00*	1.8	1.6	2.0	0.00*
Felt unsafe going to/from school	6.1	5.5	6.7	0.00*	23.0	19.2	27.6	0.00*	4.3	3.6	5.2	0.00*
Bullied at school	1.9	1.8	2.0	0.00*	2.9	2.5	3.3	0.00*	1.6	1.4	1.8	0.00*
Harassed with a computer or cell phone	2.3	2.2	2.5	0.00*	3.4	2.9	3.9	0.00*	1.5	1.2	1.8	0.00*
Carried a weapon at school in past month	3.1	2.9	3.4	0.00*	6.2	5.3	7.2	0.00*	2.4	2.1	2.9	0.00*
<b>Violence-related Behaviors</b>												
Fighting in the past year	2.7	2.6	2.9	0.00*	3.9	3.5	4.5	0.00*	1.6	1.4	1.8	0.00*
In a gang	2.7	2.6	2.9	0.00*	8.2	7.1	9.5	0.00*	2.5	2.1	2.9	0.00*
Carried a gun in the past month	4.0	3.6	4.5	0.00*	6.7	5.6	8.1	0.00*	2.0	1.6	2.5	0.00*

“\*” indicates significantly higher difference at the 95% confidence level (p-value less than 0.05).

Red text indicates the odds ratio is significantly higher than the comparison group at the 95% confidence level (p-value less than 0.05).

Green text indicates the odds ratio is significantly lower than the comparison group at the 95% confidence level (p-value less than 0.05).

## Summary of Unstable Housing and Homelessness Findings

### Results for Associated Risks with Unstable Housing among All Youth

See the Unstable Housing & Homelessness Associations Table for details.

Comparing all youth in unstable housing to those who lived stable housing, youth in unstable housing were more likely to be male, Hispanic, American Indian/Alaska Native, Black or African American, Native Hawaiian or other Pacific Islander, another race, or multi-racial, from Spanish and other non-English speaking homes, to have lower socio-economic status, and to describe themselves as gay, lesbian, or bisexual.

We found a number of risks that were associated with living in unstable housing. Results were adjusted for gender and grade-level. Youth in unstable housing were more likely to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures
- Mental health – all measures
- Health-related issues – all measures
- Healthcare access-related issues – all measures
- Nutrition – all measures
- Physical activity – all measures, except video game playing
- Sexual behaviors – all measures
- Abuse and sexual abuse – all measures
- School achievement – all measures
- School climate – all measures
- Violence-related behaviors – all measures.

On a positive note, homeless youth were more likely than those who lived in stable housing to spend three or more hours a day playing video games.

As noted in the Introduction, “association” is not the same as “causation”

### **Results for Associated Risks with Homelessness among All Youth**

Comparing all homeless youth to those who lived in stable housing, homeless youth were more likely to be male, Hispanic, American Indian/Alaska Native, Black or African American, Native Hawaiian or other Pacific Islander, or another race, from Spanish and other non-English speaking homes, to have lower socio-economic status, and to describe themselves as gay, lesbian, or bisexual.

We found a number of risks that were associated with homelessness. Results were adjusted for gender and grade-level. Homeless youth were more likely to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures
- Mental health – all measures
- Health-related issues – all measures
- Healthcare access-related issues – all measures
- Nutrition – all measures
- Physical activity – watching 3 or more hours of TV daily and not meeting physical activity requirements
- Sexual behaviors – all measures
- Abuse and sexual abuse – all measures
- School achievement – all measures
- School climate – all measures
- Violence-related behaviors – all measures.

On a positive note, homeless youth were more likely than those who lived in stable housing to spend three or more hours a day playing video games.

As noted in the Introduction, “association” is not the same as “causation”

### **Comparing Associated Risks between Homeless Youth to Youth in Unstable Housing**

Comparing all youth in unstable housing to homeless youth and adjusting for grade level and gender, we found a number of risks that were associated with living in homelessness:

Comparing homeless youth to those living in unstable housing, homeless youth were more likely to be male, Hispanic, American Indian/Alaska Native, or Black or African American, from non-English or non-Spanish speaking homes, to have higher socio-economic status, and to describe themselves as gay, lesbian, or bisexual.

We found a number of risks that were associated with homelessness. Results were adjusted for gender and grade-level. Homeless youth were more likely than youth in kinship care to report:

- Current substance use – all measures
- Lifetime substance use – all measures
- Substance use at home and at school – all measures
- Mental health – considering suicide, attempting suicide, and not being able to stop worrying
- Health-related issues – no measures
- Healthcare access-related issues – all measures
- Nutrition – all measures, except eating with family
- Physical activity – watching 3 or more hours of TV daily
- Sexual behaviors – all measures, except condom use
- Abuse and sexual abuse – all measures
- School achievement – all measures, except getting less than 5 hours of sleep
- School climate – all measures
- Violence-related behaviors – all measures.

On a positive note, homeless youth were more likely than those who lived in unstable housing to participate in afterschool activities.

As noted in the Introduction, “association” is not the same as “causation”

# Results by Area Agencies on Aging

## Living Arrangement Survey Questions and Results by Area Agencies on Aging

The following tables provide results from the 2016 HYS census data for the two living arrangement questions by Area Agencies on Aging among 10<sup>th</sup> graders.

\*Results are not presented for the Yakama Nation and Confederated Tribes of the Colville Reservation Area Agencies on Aging regions due to insufficient youth population data.

**Table 7: Who Youth Live With by Grade and Agencies on Aging\***

Who did you live with <u>most</u> of the time in the last 30 days?	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
a. Parent(s) and/or step-parent(s)	89.4% (±2.4) (n=1205)	93.8% (±0.8) (n=2750)	93.5% (±1.0) (n=5726)	95.4% (±0.6) (n=13547)	92.9% (±1.1) (n=5800)	92.5% (±1.3) (n=2993)	94.1% (±0.9) (n=5149)	92.4% (±1.2) (n=2665)	93.0% (±0.7) (n=5962)	92.0% (±1.3) (n=2881)	93.8% (±1.3) (n=1710)	93.6% (±0.4) (n=50568)
b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents	6.0% (±1.5) (n=81)	3.3% (±0.6) (n=97)	3.5% (±0.7) (n=217)	2.4% (±0.4) (n=346)	4.1% (±0.7) (n=254)	4.3% (±1.0) (n=138)	3.6% (±0.7) (n=198)	4.4% (±1.0) (n=127)	4.1% (±0.5) (n=260)	4.2% (±0.7) (n=131)	3.2% (±0.8) (n=58)	3.6% (±0.2) (n=1936)
c. Foster care parent(s)	1.2% (±0.6) (n=16)	0.6% (±0.3) (n=19)	0.6% (±0.2) (n=38)	0.5% (±0.1) (n=67)	0.8% (±0.3) (n=51)	1.0% (±0.4) (n=31)	0.7% (±0.2) (n=36)	0.9% (±0.3) (n=25)	0.8% (±0.2) (n=49)	1.0% (±0.4) (n=30)	0.8% (±0.4) (n=15)	0.7% (±0.1) (n=384)
d. An adult friend(s) of your family	1.1% (±0.5) (n=15)	0.7% (±0.4) (n=21)	0.6% (±0.2) (n=39)	0.4% (±0.1) (n=58)	0.5% (±0.2) (n=34)	0.6% (±0.2) (n=19)	0.4% (±0.2) (n=22)	0.7% (±0.3) (n=20)	0.5% (±0.2) (n=34)	0.7% (±0.3) (n=21)	0.6% (±0.4) (n=11)	0.5% (±0.1) (n=294)
e. Friends of yours with no adults present	0.2% (±0.3) (n=3)	0.4% (±0.2) (n=12)	0.4% (±0.1) (n=26)	0.3% (±0.1) (n=40)	0.3% (±0.2) (n=17)	0.5% (±0.2) (n=15)	0.3% (±0.2) (n=16)	0.3% (±0.2) (n=10)	0.4% (±0.2) (n=24)	0.7% (±0.3) (n=22)	0.6% (±0.2) (n=11)	0.4% (±0.1) (n=198)
f. On your own	0.7% (±0.5) (n=9)	0.4% (±0.2) (n=12)	0.5% (±0.2) (n=29)	0.4% (±0.1) (n=55)	0.4% (±0.2) (n=27)	0.5% (±0.3) (n=15)	0.3% (±0.1) (n=14)	0.2% (±0.2) (n=6)	0.4% (±0.2) (n=28)	0.5% (±0.2) (n=15)	0.3% (±0.3) (n=6)	0.4% (±0.1) (n=216)

Who did you live with <u>most</u> of the time in the last 30 days?	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
g. Other	1.4% (±0.6) (n=19)	0.8% (±0.3) (n=22)	0.8% (±0.2) (n=49)	0.6% (±0.1) (n=85)	0.9% (±0.3) (n=59)	0.7% (±0.3) (n=24)	0.7% (±0.2) (n=36)	1.1% (±0.4) (n=31)	0.9% (±0.2) (n=55)	1.0% (±0.3) (n=30)	0.7% (±0.3) (n=12)	0.8% (±0.1) (n=427)
<i>Any other living situation, not living with parents/step-parents</i>	10.6% (±2.4) (n=143)	6.2% (±0.8) (n=183)	6.5% (±1.0) (n=398)	4.6% (±0.6) (n=651)	7.1% (±1.1) (n=442)	7.5% (±1.3) (n=242)	5.9% (±0.9) (n=322)	7.6% (±1.2) (n=219)	7.0% (±0.7) (n=450)	8.0% (±1.3) (n=249)	6.2% (±1.3) (n=113)	6.4% (±0.4) (n=3455)

**Table 8: Where Youth Live by Grade and Agencies on Aging\***

Where did you live most of the time in the last 30 days?	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
a. In my own house or apartment that my family rents or owns	93.5% (±1.5) (n=1257)	95.6% (±0.7) (n=2791)	95.2% (±0.8) (n=5825)	96.6% (±0.4) (n=13684)	95.1% (±0.9) (n=5920)	94.7% (±1.0) (n=3052)	96.0% (±0.8) (n=5245)	95.5% (±0.8) (n=2747)	95.0% (±0.7) (n=6075)	94.3% (±1.2) (n=2938)	95.7% (±1.0) (n=1739)	95.5% (±0.3) (n=51479)
b. In someone else's house or apartment with another family	2.4% (±0.9) (n=32)	2.0% (±0.6) (n=58)	2.4% (±0.5) (n=145)	1.5% (±0.3) (n=219)	2.5% (±0.5) (n=155)	2.0% (±0.4) (n=66)	1.6% (±0.4) (n=90)	2.3% (±0.6) (n=65)	2.3% (±0.4) (n=147)	2.4% (±0.7) (n=76)	1.8% (±0.5) (n=32)	2.0% (±0.2) (n=1093)
c. In a group home	0.7% (±0.3) (n=9)	0.4% (±0.2) (n=12)	0.5% (±0.2) (n=28)	0.4% (±0.1) (n=53)	0.4% (±0.2) (n=22)	0.4% (±0.3) (n=14)	0.4% (±0.1) (n=24)	0.3% (±0.2) (n=10)	0.5% (±0.2) (n=30)	0.9% (±0.4) (n=28)	0.3% (±0.2) (n=6)	0.4% (±0.1) (n=237)
d. In a shelter	0.4% (±0.3) (n=6)	0.2% (±0.1) (n=6)	0.1% (±0.1) (n=7)	0.3% (±0.1) (n=37)	0.2% (±0.1) (n=14)	0.2% (±0.2) (n=8)	0.2% (±0.1) (n=13)	0.2% (±0.2) (n=6)	0.4% (±0.2) (n=28)	0.3% (±0.2) (n=10)	0.2% (±0.1) (n=3)	0.3% (±0.0) (n=139)
e. In a car, park, or campground	0.6% (±0.3) (n=8)	0.3% (±0.2) (n=9)	0.2% (±0.1) (n=12)	0.1% (±0.1) (n=20)	0.3% (±0.1) (n=17)	0.7% (±0.3) (n=22)	0.2% (±0.1) (n=12)	0.2% (±0.1) (n=5)	0.3% (±0.1) (n=16)	0.3% (±0.2) (n=10)	0.3% (±0.3) (n=5)	0.3% (±0.0) (n=137)
f. On the street	0.7% (±0.5) (n=9)	0.3% (±0.2) (n=8)	0.3% (±0.1) (n=17)	0.2% (±0.1) (n=28)	0.2% (±0.1) (n=14)	0.3% (±0.2) (n=9)	0.3% (±0.1) (n=19)	0.2% (±0.2) (n=5)	0.3% (±0.1) (n=17)	0.3% (±0.2) (n=8)	0.3% (±0.2) (n=6)	0.3% (±0.0) (n=141)
g. Moved from place to place	0.4% (±0.4) (n=6)	0.5% (±0.3) (n=14)	0.5% (±0.1) (n=33)	0.3% (±0.1) (n=45)	0.5% (±0.2) (n=31)	0.6% (±0.3) (n=19)	0.3% (±0.2) (n=18)	0.5% (±0.2) (n=15)	0.4% (±0.2) (n=27)	0.5% (±0.3) (n=15)	0.6% (±0.2) (n=10)	0.4% (±0.1) (n=234)
h. Other	1.3% (±0.5) (n=17)	0.7% (±0.3) (n=20)	0.8% (±0.3) (n=52)	0.6% (±0.1) (n=81)	0.9% (±0.3) (n=53)	1.0% (±0.3) (n=33)	0.8% (±0.3) (n=42)	0.8% (±0.3) (n=24)	0.9% (±0.2) (n=57)	1.0% (±0.4) (n=32)	0.9% (±0.3) (n=17)	0.8% (±0.1) (n=431)
<i>Any other living location not living in a house, apartment or mobile home</i>	6.5% (±1.5) (n=87)	4.4% (±0.7) (n=127)	4.8% (±0.8) (n=294)	3.4% (±0.4) (n=483)	4.9% (±0.9) (n=306)	5.3% (±1.0) (n=171)	4.0% (±0.8) (n=218)	4.5% (±0.8) (n=130)	5.0% (±0.7) (n=322)	5.7% (±1.2) (n=179)	4.3% (±1.0) (n=79)	4.5% (±0.3) (n=2412)

### Kinship Care and Risks by Area Agencies on Aging

This table provides student demographics and the percentages of students who reported the health risk behaviors according to who they live with – parents/step-parents or in kinship care (with relative).

\*Results are not presented for the Yakama Nation and Confederated Tribes of the Colville Reservation Area Agencies on Aging regions due to insufficient youth population data.

**Table 9: Kinship Care by Area Agencies on Aging among 10<sup>th</sup> Graders\***

HYS Measures among those in Kinship Care	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
	n=3921	n=8054	n=17455	n=41087	n=18302	n=9207	n=15891	n=8050	n=18596	n=10259	n=5518	n=156973
<b>Demographics</b>												
Female	51%	50%	50%	51%	51%	50%	52%	50%	52%	49%	51%	51%
Male	49%	50%	50%	49%	49%	50%	48%	50%	48%	51%	49%	49%
White non-Hispanic	65%	60%	55%	47%	52%	62%	65%	41%	39%	71%	62%	53%
Hispanic	13%	19%	16%	13%	14%	13%	13%	47%	49%	7%	10%	19%
American Indian/Alaska Native non-Hispanic	6%	3%	2%	1%	2%	3%	2%	2%	1%	3%	2%	2%
Asian non-Hispanic	3%	5%	10%	19%	7%	6%	5%	2%	2%	4%	7%	9%
Black or African American non-Hispanic	2%	2%	4%	6%	7%	3%	3%	1%	2%	3%	3%	4%
Native Hawaiian or other Pacific Islander non-Hispanic	1%	1%	2%	2%	4%	2%	2%	1%	1%	2%	3%	2%
Other race non-Hispanic	5%	4%	5%	5%	6%	5%	5%	4%	4%	5%	5%	5%
Multi-racial non-Hispanic	5%	5%	5%	6%	8%	6%	4%	3%	2%	6%	8%	5%
English Speaking Home	89%	83%	79%	75%	85%	89%	85%	64%	67%	91%	91%	79%
Spanish Speaking Home	7%	10%	9%	8%	6%	5%	7%	33%	29%	2%	3%	11%
Other Language Speaking Home	4%	7%	12%	18%	9%	5%	8%	3%	4%	7%	6%	10%
Higher Socio-Economic Status	58%	64%	61%	75%	62%	62%	61%	45%	49%	68%	70%	63%
Lower Socio-Economic Status	42%	36%	39%	25%	38%	38%	39%	55%	51%	32%	30%	37%
Heterosexual	78%	82%	84%	81%	79%	78%	82%	87%	84%	81%	79%	82%
Gay or lesbian	4%	3%	2%	3%	4%	5%	3%	2%	3%	4%	3%	3%
Bisexual	11%	9%	9%	9%	12%	12%	10%	6%	7%	10%	12%	9%
Not Sure	7%	5%	5%	7%	6%	6%	5%	4%	5%	5%	6%	6%

HYS Measures among those in Kinship Care	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
	n=3921	n=8054	n=17455	n=41087	n=18302	n=9207	n=15891	n=8050	n=18596	n=10259	n=5518	n=156973
<b>Current Substance Use</b>												
Smoked cigarettes in past 30 days	13%	7%	7%	5%	6%	9%	8%	6%	7%	8%	6%	7%
Used e-cig/vaped in past 30 days	12%	13%	13%	10%	13%	14%	12%	17%	13%	15%	10%	12%
Drank alcohol in past 30 days	22%	20%	19%	18%	20%	21%	20%	22%	21%	20%	17%	20%
Binge drank in past 2 weeks	14%	11%	10%	9%	10%	11%	11%	13%	12%	12%	8%	10%
Used marijuana in past 30 days	21%	17%	16%	14%	17%	18%	16%	18%	18%	16%	15%	16%
Used other illegal drug in past 30 days	7%	5%	5%	4%	5%	6%	6%	4%	7%	6%	3%	5%
Used painkillers to get high in past 30 days	4%	4%	4%	3%	4%	5%	5%	4%	5%	5%	3%	4%
Used non-prescribed prescriptions in past 30 days	8%	6%	7%	6%	8%	9%	8%	7%	10%	8%	7%	7%
<b>Lifetime Substance Use</b>												
Ever used inhalants	7%	7%	7%	5%	6%	8%	8%	5%	7%	8%	7%	7%
Ever used heroin	4%	3%	4%	3%	3%	5%	3%	2%	4%	4%	3%	3%
Ever used methamphetamine	4%	4%	4%	3%	3%	5%	4%	3%	5%	5%	3%	4%
Ever used cocaine	7%	4%	5%	3%	4%	5%	5%	4%	7%	5%	4%	5%
Ever used steroids, not prescribed	4%	3%	3%	3%	3%	4%	4%	3%	4%	4%	3%	3%
<b>Substance Use – Use at Home or at School</b>												
Live with someone who uses marijuana	29%	21%	21%	17%	25%	27%	21%	20%	20%	23%	19%	21%
Drunk or high at school in past year	17%	13%	13%	10%	14%	16%	14%	14%	16%	15%	9%	13%
Used alcohol at school in past month	8%	5%	6%	5%	6%	8%	6%	7%	7%	8%	5%	6%
Used marijuana at school in past month	9%	6%	6%	5%	7%	9%	6%	6%	8%	9%	5%	7%
<b>Mental Health-related Issues</b>												
Experienced depressive feelings in past year	39%	35%	36%	31%	36%	38%	35%	35%	37%	34%	37%	35%
Considered suicide in past year	39%	35%	36%	31%	36%	38%	35%	35%	37%	34%	37%	35%
Attempted suicide in past year	12%	8%	10%	9%	11%	11%	9%	9%	10%	10%	10%	10%
Felt nervous, anxious or on edge in past 2 weeks	65%	65%	66%	66%	65%	67%	64%	60%	61%	63%	66%	65%
Not able to stop/control worrying in past 2 weeks	53%	52%	53%	52%	53%	56%	51%	48%	51%	52%	54%	52%
<b>Health-related Issues</b>												
Obese	13%	12%	13%	9%	14%	13%	12%	15%	15%	12%	13%	12%
Current asthma	12%	9%	9%	7%	11%	10%	10%	8%	9%	12%	10%	9%

HYS Measures among those in Kinship Care	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
	n=3921	n=8054	n=17455	n=41087	n=18302	n=9207	n=15891	n=8050	n=18596	n=10259	n=5518	n=156973
<b>Healthcare Access-related Issues</b>												
No dentist checkup in past year	27%	21%	21%	17%	22%	21%	21%	23%	21%	21%	22%	21%
Missed school due to toothache in past year	7%	4%	4%	3%	5%	5%	4%	4%	5%	5%	5%	4%
<b>Nutrition</b>												
Not getting 5 servings of fruits/vegetables	20%	21%	18%	22%	18%	21%	19%	19%	20%	19%	19%	20%
Drink sweetened beverages 2 times a day	10%	8%	8%	6%	10%	10%	8%	11%	12%	8%	7%	8%
Ate junk food 7 days or more a week	7%	6%	6%	5%	6%	6%	4%	5%	6%	5%	5%	5%
Never/rarely eat dinner with family	20%	20%	22%	19%	21%	21%	19%	23%	23%	20%	20%	21%
Family had to cut meal size	17%	12%	13%	10%	13%	14%	12%	13%	14%	14%	12%	13%
Did not eat breakfast today	17%	12%	13%	10%	13%	14%	12%	13%	14%	14%	12%	13%
<b>Physical Activity</b>												
3 or more hours of TV daily	18%	16%	19%	14%	22%	20%	18%	20%	21%	18%	18%	18%
3 or more hours of video games/ computer for fun	45%	40%	44%	40%	45%	43%	41%	42%	40%	37%	44%	41%
No participation in afterschool activities	35%	32%	37%	29%	38%	39%	38%	37%	40%	33%	33%	35%
Did not meet physical activity recommendations	74%	78%	78%	81%	79%	74%	75%	72%	73%	72%	78%	77%
<b>Sexual Behaviors</b>												
Ever had sexual intercourse	37%	25%	22%	18%	28%	27%	25%	28%	28%	28%	25%	24%
Four or more sex partners	24%	18%	20%	20%	21%	19%	21%	15%	17%	18%	15%	19%
Condom during last sex	48%	40%	40%	41%	45%	43%	48%	38%	41%	44%	39%	42%
<b>Abuse and Sexual Abuse</b>												
Abused by an adult	24%	23%	22%	21%	26%	24%	22%	23%	23%	25%	21%	23%
Threatened by boyfriend/girlfriend	18%	16%	17%	15%	17%	17%	16%	15%	15%	16%	16%	16%
Hurt on purpose by boyfriend/girlfriend	8%	10%	12%	9%	12%	11%	10%	10%	11%	12%	13%	11%
Ever sexually abused	22%	18%	19%	15%	19%	19%	19%	16%	17%	16%	19%	17%
<b>School and Achievement</b>												
Usually get C's, D's or F's in school	34%	27%	27%	18%	25%	24%	25%	31%	30%	26%	28%	25%
Never/seldom enjoys school	34%	28%	28%	25%	30%	31%	28%	30%	27%	29%	28%	28%
Never/seldom try to do best work in school	10%	8%	9%	8%	8%	8%	8%	10%	9%	9%	6%	8%
Skipped school in past month	23%	18%	17%	16%	21%	19%	20%	27%	25%	19%	18%	20%
Less than 5 hours of sleep on a school night	19%	15%	21%	16%	20%	19%	17%	14%	15%	18%	20%	17%
<b>School Climate</b>												

HYS Measures among those in Kinship Care	Olympic Area Agency on Aging	Northwest Regional Council	Snohomish County Aging & Disability Services Division	King Aging & Disability Services	Pierce County Aging and Disability Resources	Lewis/Mason/Thurston Area Agency on Aging	Area Agency on Aging & Disabilities of Southwest WA	Aging & Adult Care of Central WA	Southeast WA Aging and Long Term Care	Aging & Long Term Care of Eastern WA	Kitsap County Division of Aging & LTC	Total
	n=3921	n=8054	n=17455	n=41087	n=18302	n=9207	n=15891	n=8050	n=18596	n=10259	n=5518	n=156973
Don't feel safe at school	20%	14%	19%	14%	20%	19%	17%	20%	19%	16%	19%	17%
Felt unsafe going to/from school	14%	9%	11%	10%	13%	11%	10%	18%	12%	10%	9%	11%
Bullied at school	28%	22%	23%	18%	22%	23%	24%	22%	22%	23%	23%	22%
Harassed with a computer or cell phone	13%	11%	12%	11%	13%	13%	12%	13%	12%	14%	12%	12%
Carried a weapon at school in past month	9%	6%	5%	4%	6%	7%	7%	7%	7%	8%	5%	6%
<b>Violence-related Behaviors</b>												
Fighting in the past year	25%	21%	21%	19%	22%	22%	21%	22%	23%	22%	20%	21%
In a gang	7%	5%	5%	4%	5%	6%	5%	5%	5%	5%	6%	5%
Carried a gun in the past month	5%	4%	4%	3%	4%	4%	5%	4%	5%	4%	4%	4%

## HYS 2016 Census and State Sample Living Arrangement Results

The following tables provide a comparison of the percentages, confidence intervals, and number of respondents for each response option of the three living arrangement questions from the census results (left column) and the state sample results (right column).

**Table 10: Who Youth Live With by Census and State Sample**

HYS Measure	HYS 2016 Census			HYS 2016 State Sample		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
Who did you live with <u>most</u> of the time in the last 30 days?						
a. Parent(s) and/or step-parent(s)	94.3% (±0.3) (n=56900)	93.6% (±0.4) (n=50570)	90.7% (±0.6) (n=34511)	91.0% (±1.2) (n=6690)	92.9% (±0.6) (n=24355)	92.9% (±0.6) (n=24355)
b. Relatives—like a grandparent, an aunt, an older brother—but NOT your parents	3.3% (±0.2) (n=1968)	3.6% (±0.2) (n=1936)	4.6% (±0.3) (n=1755)	4.2% (±0.7) (n=311)	3.8% (±0.4) (n=1002)	3.8% (±0.4) (n=1002)
c. Foster care parent(s)	0.5% (±0.1) (n=323)	0.7% (±0.1) (n=385)	0.7% (±0.1) (n=259)	0.8% (±0.3) (n=58)	0.7% (±0.1) (n=171)	0.7% (±0.1) (n=171)
d. An adult friend(s) of your family	0.3% (±0.0) (n=211)	0.5% (±0.1) (n=294)	1.0% (±0.1) (n=374)	0.8% (±0.2) (n=58)	0.5% (±0.1) (n=140)	0.5% (±0.1) (n=140)
e. Friends of yours with no adults present	0.2% (±0.0) (n=114)	0.4% (±0.1) (n=198)	0.6% (±0.1) (n=212)	0.5% (±0.2) (n=40)	0.4% (±0.1) (n=97)	0.4% (±0.1) (n=97)
f. On your own	0.3% (±0.0) (n=185)	0.4% (±0.1) (n=216)	0.9% (±0.1) (n=360)	1.1% (±0.3) (n=83)	0.6% (±0.1) (n=149)	0.6% (±0.1) (n=149)
c. Foster care parent(s)	1.0% (±0.1) (n=627)	0.8% (±0.1) (n=427)	1.5% (±0.2) (n=575)	1.5% (±0.4) (n=109)	1.1% (±0.2) (n=297)	1.1% (±0.2) (n=297)
<i>Any other living situation, not living with parents/step-parents</i>	5.7% (±0.3) (n=3428)	6.4% (±0.4) (n=3456)	9.3% (±0.6) (n=3535)	9.0% (±1.2) (n=659)	7.1% (±0.6) (n=1856)	7.1% (±0.6) (n=1856)

**Table 8: Where Youth Live by Census and State Sample**

HYS Measure Where did you live most of the time in the last 30 days?	HYS 2016 Census			HYS 2016 State Sample		
	Grade 8	Grade 10	Grade 12	Grade 8	Grade 10	Grade 12
a. In my own house or apartment that my family rents or owns	95.5% (±0.3) (n=51482)	93.3% (±0.4) (n=35441)	95.1% (±0.2) (n=144593)	95.3% (±0.5) (n=10005)	93.9% (±0.9) (n=6888)	95.1% (±0.4) (n=24862)
b. In someone else's house or apartment with another family	2.0% (±0.2) (n=1093)	3.6% (±0.3) (n=1377)	2.3% (±0.1) (n=3442)	2.2% (±0.4) (n=232)	3.2% (±0.6) (n=233)	2.2% (±0.3) (n=585)
c. In a group home	0.4% (±0.1) (n=237)	0.5% (±0.1) (n=183)	0.4% (±0.0) (n=620)	0.4% (±0.1) (n=37)	0.5% (±0.2) (n=35)	0.4% (±0.1) (n=98)
d. In a shelter	0.3% (±0.0) (n=139)	0.4% (±0.1) (n=133)	0.2% (±0.0) (n=374)	0.2% (±0.1) (n=26)	0.4% (±0.2) (n=32)	0.3% (±0.1) (n=77)
e. In a car, park, or campground	0.3% (±0.0) (n=137)	0.4% (±0.1) (n=141)	0.3% (±0.0) (n=406)	0.3% (±0.1) (n=29)	0.3% (±0.1) (n=22)	0.3% (±0.1) (n=75)
f. On the street	0.3% (±0.0) (n=141)	0.3% (±0.0) (n=101)	0.2% (±0.0) (n=360)	0.3% (±0.1) (n=30)	0.3% (±0.1) (n=21)	0.2% (±0.1) (n=65)
g. Moved from place to place	0.4% (±0.1) (n=234)	0.5% (±0.1) (n=194)	0.5% (±0.0) (n=793)	0.4% (±0.1) (n=44)	0.4% (±0.1) (n=27)	0.4% (±0.1) (n=117)
h. Other	0.8% (±0.1) (n=431)	1.1% (±0.1) (n=403)	1.0% (±0.1) (n=1447)	0.9% (±0.2) (n=91)	1.1% (±0.2) (n=81)	1.0% (±0.1) (n=267)
<i>Any other living location not in my own house or apartment that my family rents or owns</i>	4.5% (±0.3) (n=2412)	6.7% (±0.4) (n=2532)	4.9% (±0.2) (n=7442)	4.7% (±0.5) (n=-1692)	6.1% (±0.9) (n=3606)	4.9% (±0.4) (n=-17523)

## Appendix A: Area Agencies on Aging and the Counties they Represent\*

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- Olympic Area Agency on Aging
  - Clallam, Grays Harbor, Jefferson, Pacific
- Northwest Regional Council
  - Island, San Juan, Skagit, Whatcom
- Snohomish County Aging & Disability Services Division
  - Snohomish
- Aging & Disability Services
  - King
- Pierce County Aging and Disability Resources
  - Pierce
- Lewis/Mason/Thurston Area Agency on Aging
  - Lewis, Mason, Thurston
- Area Agency on Aging & Disabilities of Southwest WA
  - Clark, Cowlitz, Klickitat, Skamania, Wahkiakum
- Aging & Adult Care of Central WA
  - Adams, Chelan, Douglas Grant, Lincoln, Okanogan
- Southeast WA Aging and Long Term Care
  - Asotin, Benton, Columbia, Franklin, Garfield, Kittitas, Yakima, Walla Walla
- Yakama Nation Area Agency on Aging
  - Yakama Reservation
- Aging & Long Term Care of Eastern WA
  - Ferry, Pend Oreille, Spokane, Stevens, Whitman
- Colville Indian Area Agency on Aging
  - Confederated Tribes of the Colville Reservation
- Kitsap County Division of Aging & LTC
  - Kitsap

\*Results are not presented in this report for the Yakama Nation and Confederated Tribes of the Colville Reservation Area Agencies on Aging regions due to insufficient youth population data.