



**Wyoming Survey & Analysis Center**  
UNIVERSITY OF WYOMING

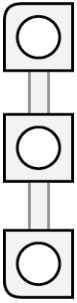
# **Wyoming State Epidemiological Outcomes Workgroup**

## **2016 State Epidemiological Profile**

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## ABOUT THIS REPORT

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Wyoming  
Department  
of Health

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This report presents the Wyoming State Epidemiological Outcomes Workgroup (SEOW) with findings from a comprehensive data review completed by the SEOW and the University of Wyoming, Wyoming Survey & Analysis Center (WYSAC). It includes data on alcohol, tobacco, illicit drug use, prescription drug abuse, mental health, and general related factors. For each substance, data are organized into three groups, consequences, consumption, and/or prevalence, and substance-specific risk and protective factors.



## *Purpose of the SEOW*

The SEOW is a program of the Wyoming Department of Health (WDH) directed by the WDH Public Health Division (PHD). It is comprised of representatives from:

- Wyoming Department of Health,
- Wyoming Department of Education,
- Wyoming Department of Corrections,
- Wyoming Department of Transportation,
- Wyoming Board of Pharmacy,
- Tribal services from the Arapaho and Shoshoni Tribes,
- Wyoming Prevention Management Organization,
- Community prevention providers, and
- Researchers from the University of Wyoming, WYSAC.

The SEOW's charter is to provide guidance and information regarding the available data associated with substance abuse and mental health issues throughout the state. In particular, the SEOW is responsible for gathering, reporting, and disseminating information regarding substance abuse and mental health data in Wyoming. It also serves as a decision-making body regarding the deliverables for the SEOW grant. The SEOW helps determine directions to pursue, review results, and make recommendations.

Its support comes from the WDH and a grant from the federal Substance Abuse and Mental Health Services Administration (SAMHSA).

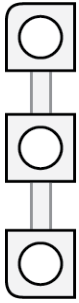
## *Deliverables*

As part of its funding, the SEOW is charged with developing state and community epidemiological profiles of key substance use and mental health indicators. The WDH contracts with WYSAC to complete these deliverables.

This report constitutes the state profile. Its primary purpose is to serve as a reference document to present the key indicators as identified by the SEOW at the state level regarding alcohol, tobacco, illicit drugs, prescription drugs, and mental health issues. The data presented here are then reused to create more accessible documents that can be used to inform policy makers, legislators, and the public of the available state-level information about mental health and substance abuse prevention.

## *Procedures*

During SEOW meetings in early 2011, the SEOW chose to focus on six areas: alcohol, tobacco, illicit drug use, prescription drug abuse, mental health, and general related factors. The SEOW then decided to subdivide variables in each of these areas into three categories:



consequences, consumption and/or prevalence, and risk and protective factors. These issues were revisited in 2014, and any changes are reflected within this profile.

The SEOW appointed a subcommittee to assign priority scores to each potential variable. The subcommittee developed consensus priority scores for each potential variable ranging from one to four, with one being the highest priority and four being the lowest. A score of one reflects great importance of the concept, strong accord between the concept and the indicator, and high data reliability and availability. A score of four, in contrast, reflects relatively low importance of the concept, weak accord between the concept and the indicator, and low data reliability and availability. Based on a decision of the subcommittee, only those indicators that have a priority one or two were included in the state and community profiles.

During the process of reviewing the state and community profiles, the SEOW explicitly decided to forego all conclusions and interpretations of the results. The SEOW felt that such data interpretation is best completed when the data is used outside of this reference document, such as in the creation of Fact Sheets and Information Briefs that are tailored to particular audiences. As a result, the notable findings section and the report purposely omit any data interpretations.

## *Presentation Conventions*

During SEOW meetings in April and June 2011, the Workgroup reviewed early drafts of the state and community profiles and offered guidance on data presentation. Data presentation conventions include:

- A graphic in the upper outside corner of each page indicates whether the variable on that page is a consequence (the upper cell is shaded), consumption and/or prevalence (middle cell shaded), or risk or protective factor (lower cell shaded).
- Wherever possible, both national and Wyoming data are presented. Unless otherwise specified, all data pertain to Wyoming.
- Data are presented in graphs with data tables.
- In general, time series data are presented in line graphs. If only one or two years of data are available, data are presented in bar graphs.
- For data collected at regular intervals, generally every year or every alternate year, associated line graphs are continuous. If, however, data are available only for irregular or inconsistent intervals, interruptions in the regular pattern are represented by unadjoined points on graphs.
- When necessary, a vertical dotted line is inserted into the graph to indicate the point in time which a change in methodology has occurred that necessitates cautious interpretation of the trend.
- Where available, confidence intervals appear in the data tables below the graphs.
- Scales used on all graphs are as consistent as possible. For variables represented as percentages, three vertical axis scales are used whenever possible: 0 to 100%, 0 to 50%, and 0 to 10%.

## Rate Calculation

To make results comparable between Wyoming counties, this report presents calculated rates for data associated with three data types:

- Arrests (UCR)
- Alcohol Related Automobile Fatalities (FARS)
- Alcohol Related Car Crashes (WYDOT)

These aforementioned rates are calculated by forming a ratio of the counts from a given indicator (e.g., the total number of DUI arrests) over the appropriate population count and multiplying it by 100,000. For example, during 2006, Carbon County recorded 45 Alcohol Related Car Crashes resulting in fatalities, injuries, or property damage. During that same year, the Census Bureau estimated a total population of 15,136 in Carbon County.

To calculate the rate per 100,000 population for 2006, the following formula is used:

Where:

$$R = \frac{C_1}{P_1} * 100,000 = \frac{45}{15,136} * 100,000 = 297.3$$

$R$  is the rate to be calculated

$C_1$  is the counts for the Year from the outcome data source

$P_1$  is the estimated populations for the Year

To calculate the rate per 100,000 population across multiple years, the following formula is used:

$$R = \frac{C_1 + C_2 + \dots + C_n}{P_1 + P_2 + \dots + P_n} * 100,000$$

Where:

$R$  is the rate to be calculated

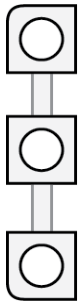
$C_1$  to  $C_n$  are the counts for Year 1 to Year  $n$  from the outcome data source

$P_1$  to  $P_n$  are the estimated populations for Year 1 to Year  $n$

## Data Limitations

The information presented in this report is assembled from various sources that provide comprehensive results on a range of social problems. Readers are encouraged to visit the website of each data source and consider their limitations.





## Data Sources

Abbreviation	Data Source	Links
ACS	American Communities Survey	<a href="http://www.census.gov/programs-surveys/acs/">http://www.census.gov/programs-surveys/acs/</a>
ARCOS	Automated Reports and Consolidated Ordering System	<a href="https://www.deadiversion.usdoj.gov/arcos/retail_drug_summary/index.html">https://www.deadiversion.usdoj.gov/arcos/retail_drug_summary/index.html</a>
ATS/NATS	Adult Tobacco Survey	<a href="http://wysac.uwyo.edu/Tobacco/">http://wysac.uwyo.edu/Tobacco/</a>
BRFSS	Behavioral Risk Factor Surveillance System State Data	<a href="http://health.wyo.gov/publichealth/rural/multicultural/data/">http://health.wyo.gov/publichealth/rural/multicultural/data/</a>
	Behavioral Risk Factor Surveillance System National	<a href="http://www.cdc.gov/brfss/">http://www.cdc.gov/brfss/</a>
	Wyoming Division of Criminal Investigation	<a href="http://wyomingdci.wyo.gov/dci-criminal-justice-information-systems-section/uniform-crime-reporting">http://wyomingdci.wyo.gov/dci-criminal-justice-information-systems-section/uniform-crime-reporting</a>
FARS	Fatal Accident Reporting System	<a href="http://www-fars.nhtsa.dot.gov/Main/index.aspx">http://www-fars.nhtsa.dot.gov/Main/index.aspx</a>
NSDUH	National Survey on Drug Use and Health	<a href="https://nsduhweb.rti.org/respweb/homepage.cfm">https://nsduhweb.rti.org/respweb/homepage.cfm</a>
PDMP	Prescription Drug Monitoring Program	<a href="http://pharmacyboard.wyo.gov/">http://pharmacyboard.wyo.gov/</a> ; Additional Calculations Performed, Contact Eric Canen <a href="mailto:ecanen@uwyo.edu">ecanen@uwyo.edu</a>
PNA	Wyoming Prevention Needs Assessment	<a href="http://pnasurvey.org/">http://pnasurvey.org/</a>
Synar	SYNAR	<a href="http://health.wyo.gov/publichealth/prevention/substanceabuseandsuicide/">http://health.wyo.gov/publichealth/prevention/substanceabuseandsuicide/</a>
UCR	Uniform Crime Reports	<a href="http://www.fbi.gov/about-us/cjis/ucr/ucr">http://www.fbi.gov/about-us/cjis/ucr/ucr</a>
US Census	United States Census	<a href="http://www.census.gov/">http://www.census.gov/</a>
WASCOP-CC	WASCOP-Compliance Checks	<a href="http://www.wascop.com/new-page/">http://www.wascop.com/new-page/</a>
WHA	Wyoming Hospital Association	Contact Joe Grandpre - <a href="mailto:joe.grandpre@wyo.gov">joe.grandpre@wyo.gov</a>
WISQUARS	Web-based Injury Statistics Query and Reporting System	<a href="http://www.cdc.gov/injury/wisqars/index.html">http://www.cdc.gov/injury/wisqars/index.html</a>
WVS	Wyoming Vital Statistics	<a href="http://health.wyo.gov/admin/vitalstatistics/">http://health.wyo.gov/admin/vitalstatistics/</a>
WYDOT	Wyoming Department of Transportation Crash Reports	<a href="http://www.dot.state.wy.us/home/dot_safety/safety_statistics.html">http://www.dot.state.wy.us/home/dot_safety/safety_statistics.html</a>
YRBS	Youth Risk Behavior Survey	<a href="http://edu.wyoming.gov/data/yrbs/">http://edu.wyoming.gov/data/yrbs/</a>



# Alcohol

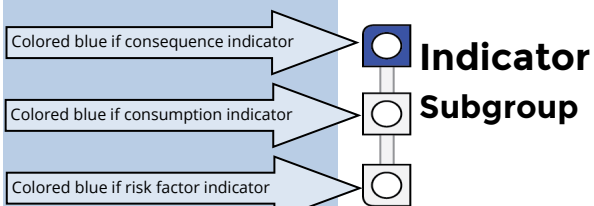
## Included Variables

Indicator	Data Source	Page
<b>Consequence</b>		
Alcohol-Related Mortality	CDC WONDER	2
Drunkenness Arrests	UCR	4
Liquor Law Violations	UCR	6
DUI Arrests	UCR	8
Alcohol-Related Combined Fatal, Injury and Property Crashes	WYDOT	10
Alcohol-Related Motor Vehicle Fatalities	FARS	11
Drinking and Driving	YRBS	12
Rode in a Car with Someone Who Had Been Drinking	YRBS	14
<b>Prevalence/Consumption</b>		
Binge Drinking - Adults	BRFSS	16
Binge Drinking - Youth and Adults, Age Groups	NSDUH	19
Heavy Drinking	BRFSS	21
30-Day Alcohol Use - Ages 12+	NSDUH	22
30-Day Alcohol Use - Youth	YRBS	23
30-Day Alcohol Use - Youth	PNA	24
<b>Risk/Protective Factors</b>		
Alcohol Compliance Rate	WASCOP-CC	25
Alcohol Dependence or Abuse	NSDUH	26
Perceived Risk of Alcohol Use	NSDUH	28
Social Norms: Binge Drinking	PNA	30
Social Norms: Past 30 Day Alcohol Use	PNA	32
Source of Last Alcohol Drink - Youth	PNA	34
Community Events Where Alcohol Was Sold	PNA	36
Community Events Where Adults Were Intoxicated	PNA	38
Community Events Where Adults Were Drinking	PNA	40
Gathering with Large Amounts of Available Alcohol	PNA	42

### Color and Shade Conventions

- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

### Page Guide Legend



WYOMING STATE EPIDEMIOLOGICAL PROFILE

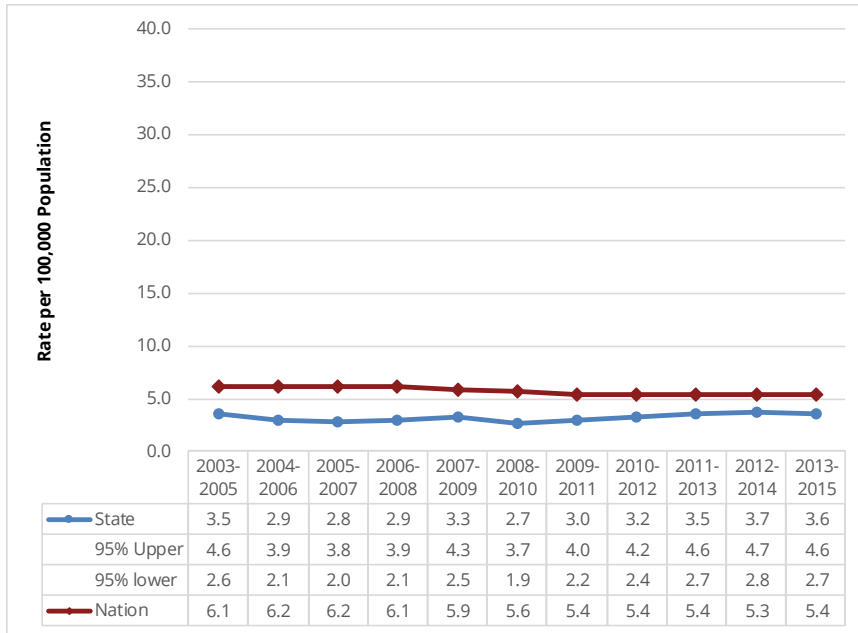
The current profile section

**SUBSTANCE****INDICATOR ROLE**

The current indicator's role (i.e., Consequence, Consumption/Prevalence, or Risk Factor)

# Alcohol-Related Mortality by Cause of Death

## ALCOHOL CONSEQUENCES



**Chart 1: Wyoming Age Adjusted Death Rates—Assault or Law Enforcement Intervention**

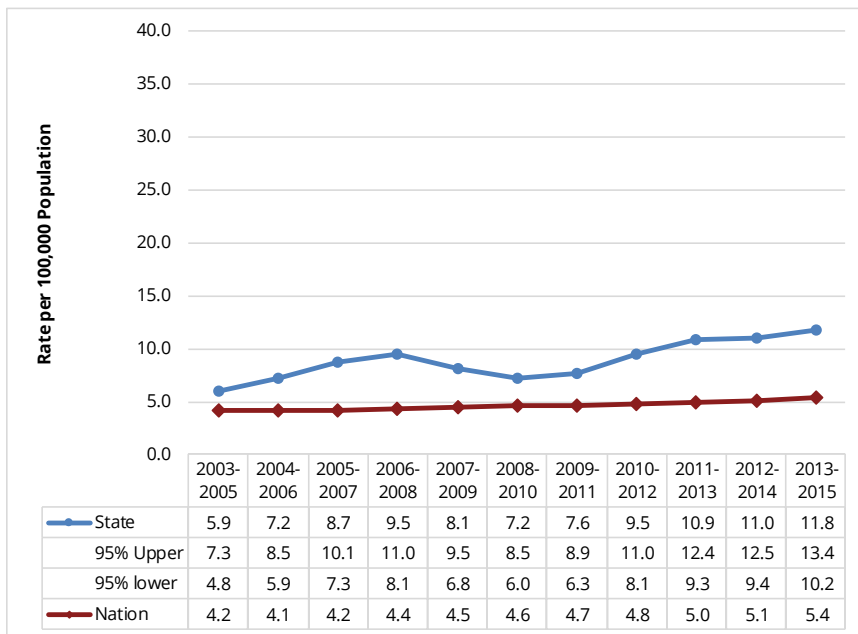
**Definition:**

Death rates associated with alcohol consumption, age adjusted.

(ICD-10 Codes: X85-Y09, Y35)

**Data Source:**

CDC Wonder 2003-2015



**Chart 2: Wyoming Age Adjusted Death Rates—Alcoholic Liver Disease**

**Definition:**

Death rates associated with alcohol consumption, age adjusted.

(ICD-10 Codes: K70)

**Data Source:**

CDC Wonder 2003-2015

## ALCOHOL CONSEQUENCES

# Alcohol-Related Mortality by Cause of Death

**Chart 3: Wyoming Age Adjusted Death Rates— Transportation Accidents**

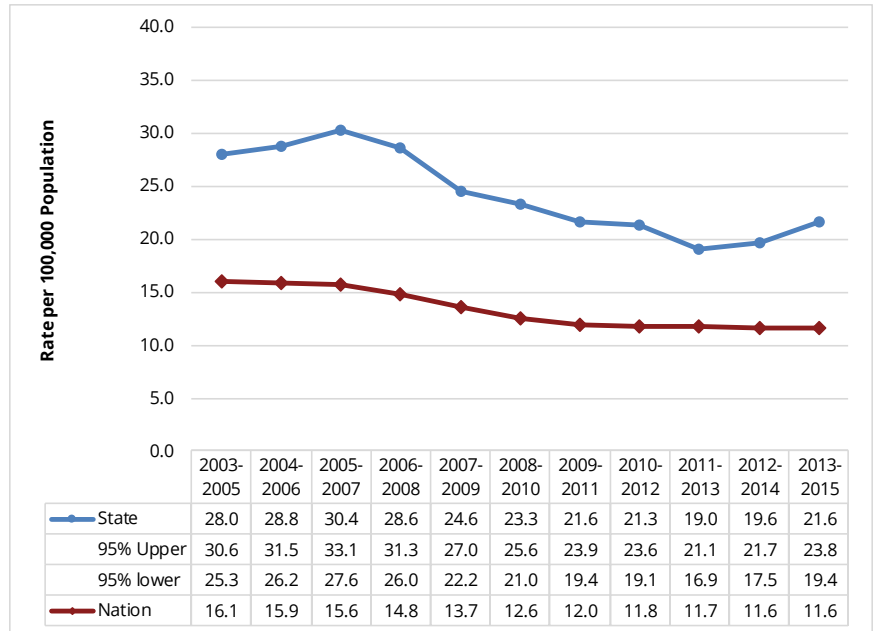
**Definition:**

Death rates associated with alcohol consumption, age adjusted.

(ICD-10 Codes: V01-V99)

**Data Source:**

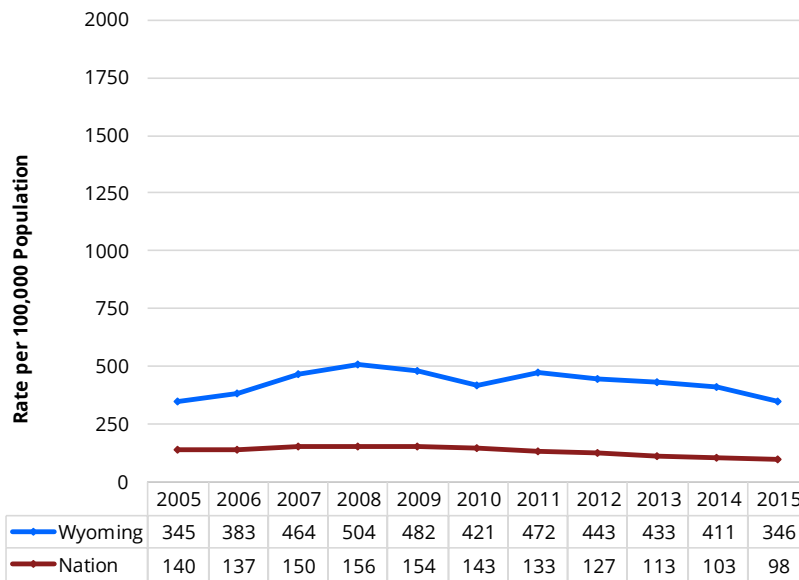
CDC Wonder 2003-2015



# Drunkenness Arrests

## Total

## ALCOHOL CONSEQUENCES



**Chart 4: Drunkenness Arrests**

**Definition:**

Rates per 100,000 population for arrests due to drunkenness or intoxication, except driving under the influence.

**Data Source:**

UCR 2005–2015  
(Data also available from DCI)

## ALCOHOL CONSEQUENCES

# Drunkenness Arrests

## Adults and Youth

**Chart 5: Drunkenness Arrests  
(Youth)**

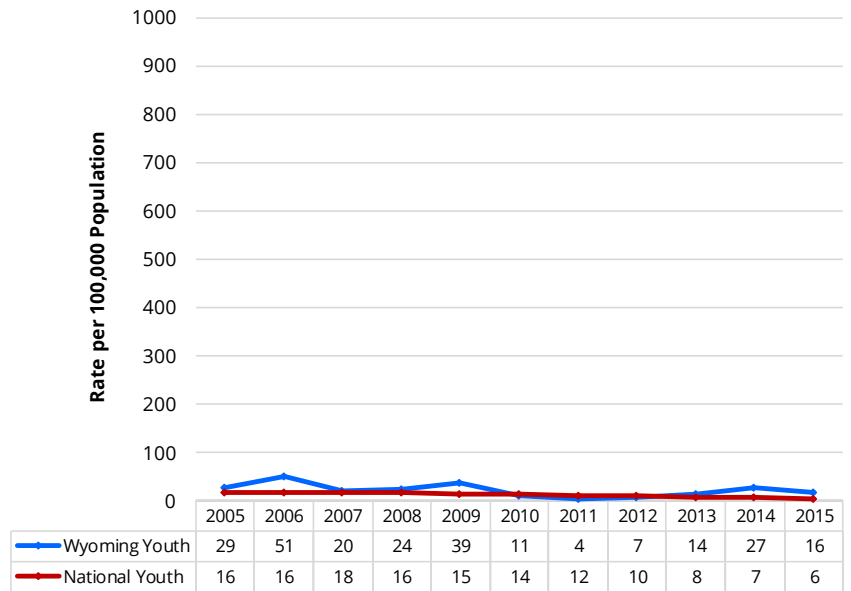
**Definition:**

Rates per 100,000 population for arrests due to drunkenness or intoxication, except driving under the influence.

**Data Source:**

UCR 2005–2015

(Data also available from DCI)



**Chart 6: Drunkenness Arrests  
(Adults)**

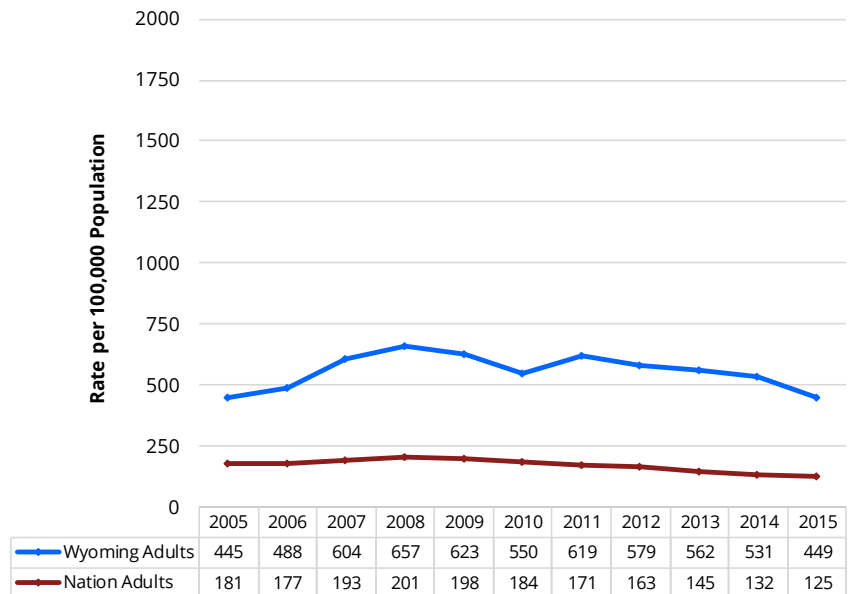
**Definition:**

Rates per 100,000 population for arrests due to drunkenness or intoxication, except driving under the influence.

**Data Source:**

UCR 2005–2015

(Data also available from DCI)

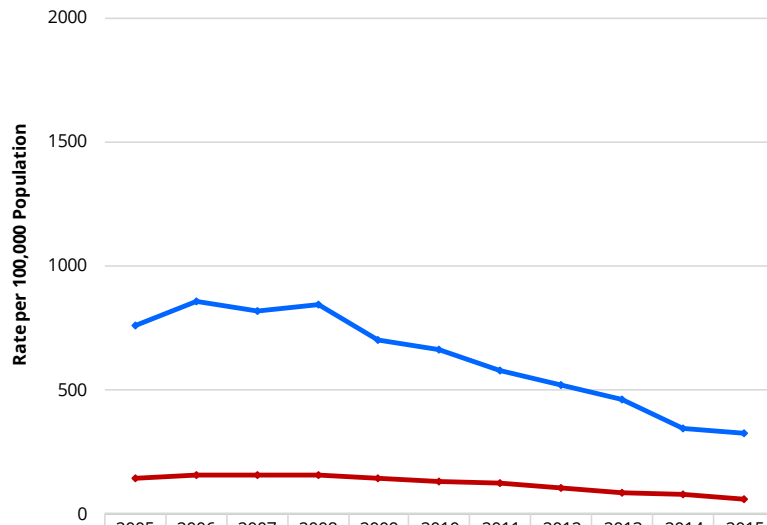


# Liquor Law Violation

## Arrests

### Total

## ALCOHOL CONSEQUENCES



**Chart 7: Liquor Law Violation Arrests**

**Definition:**

Rates per 100,000 population for state or local liquor law violation arrests, except drunkenness and driving under the influence.

**Data Source:**

UCR 2005–2015  
(Data also available from DCI)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Wyoming	763	855	817	846	703	666	579	521	464	344	328
Nation	148	157	159	157	146	130	123	109	89	78	64

## ALCOHOL CONSEQUENCES

# Liquor Law Violation

## Arrests

### Adults and Youth

**Chart 8: Liquor Law Violation Arrests (Youth)**

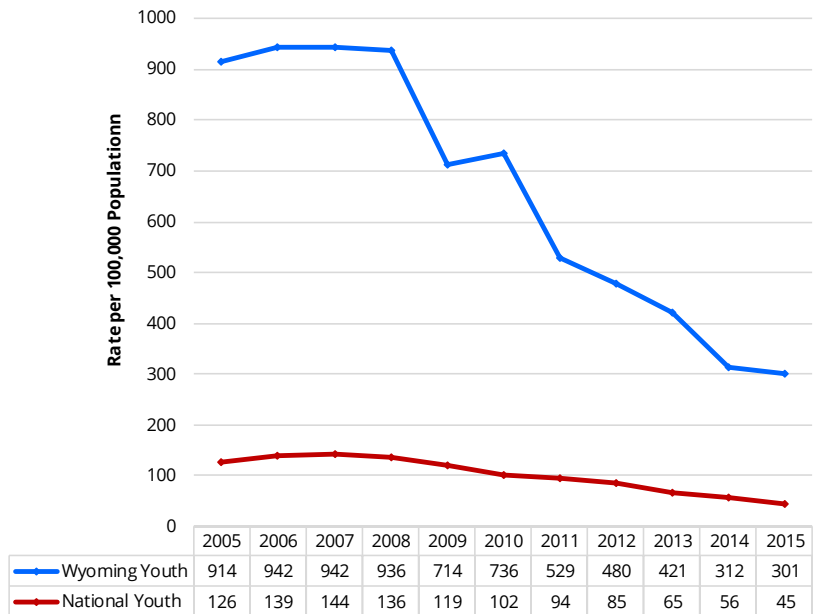
**Definition:**

Rates per 100,000 population for state or local liquor law violation arrests, except drunkenness and driving under the influence.

**Data Source:**

UCR 2005–2015

(Data also available from DCI)



**Chart 9: Liquor Law Violation Arrests (Adults)**

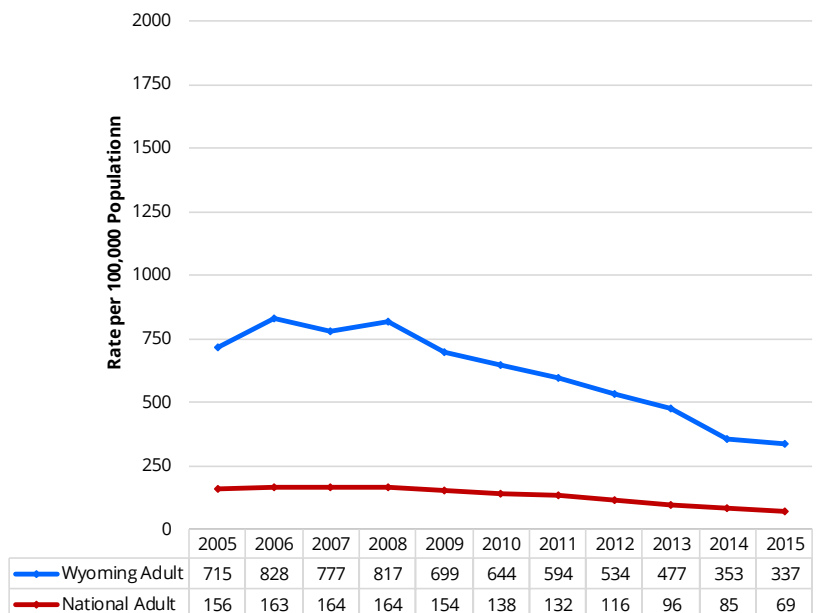
**Definition:**

Rates per 100,000 population for state or local liquor law violation arrests, except drunkenness and driving under the influence.

**Data Source:**

UCR 2005–2015

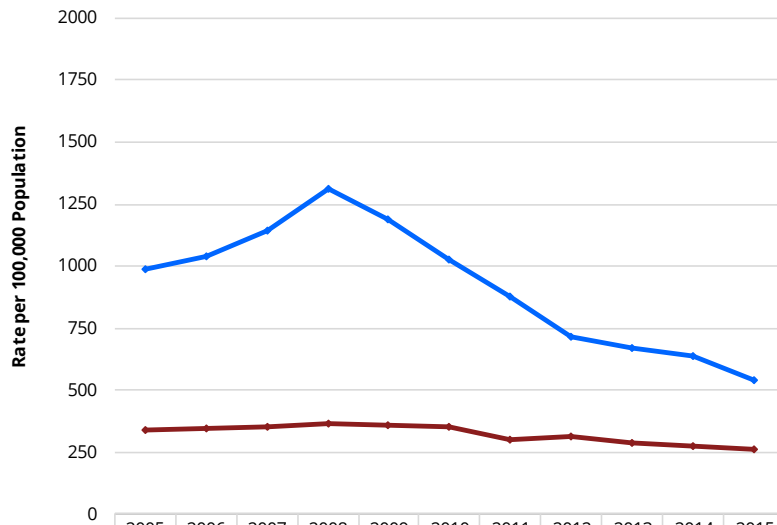
(Data also available from DCI)



# DUI Arrests

## Total

## ALCOHOL CONSEQUENCES



**Chart 10: DUI Arrests**

**Definition:**

The rate per 100,000 population for arrests due to driving under the influence (i.e., driving or operating any vehicle or common carrier while drunk or under the influence of liquor or narcotics).

**Data Source:**

UCR 2005–2015  
(Data also available from DCI)



## ALCOHOL CONSEQUENCES

# DUI Arrests

## Adults and Youth



**Chart 11: DUI Arrests (Youth)**

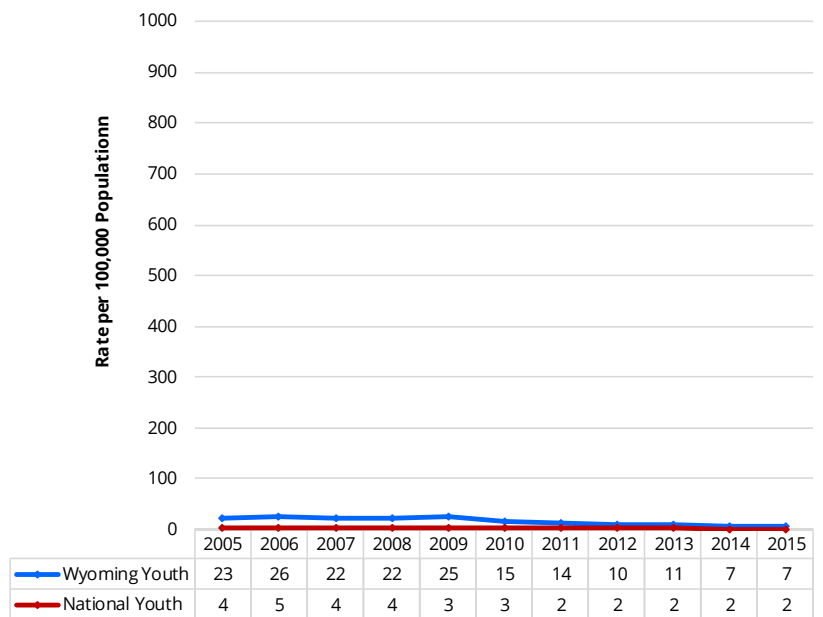
**Definition:**

The rate per 100,000 population for arrests due to driving under the influence (i.e., driving or operating any vehicle or common carrier while drunk or under the influence of liquor or narcotics).

**Data Source:**

UCR 2005–2015

(Data also available from DCI)



**Chart 12: DUI Arrests (Adults)**

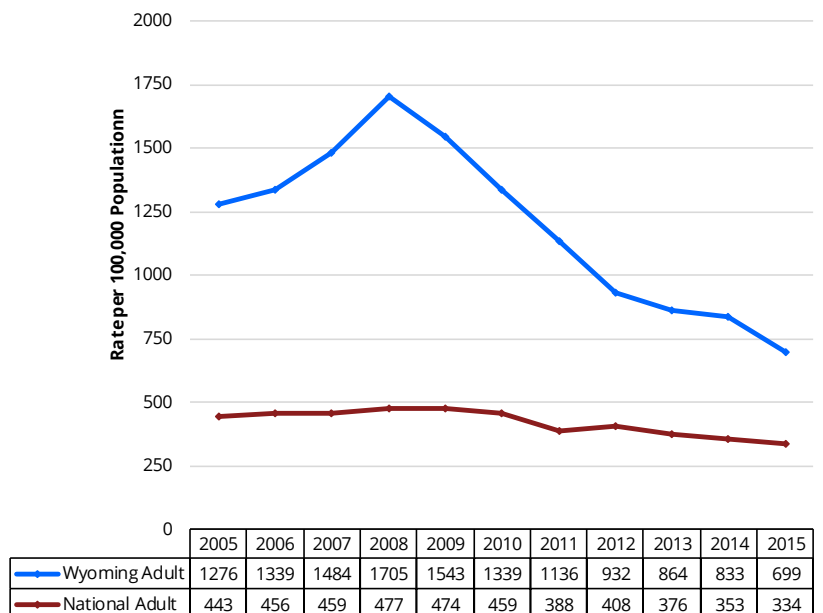
**Definition:**

The rate per 100,000 population for arrests due to driving under the influence (i.e., driving or operating any vehicle or common carrier while drunk or under the influence of liquor or narcotics).

**Data Source:**

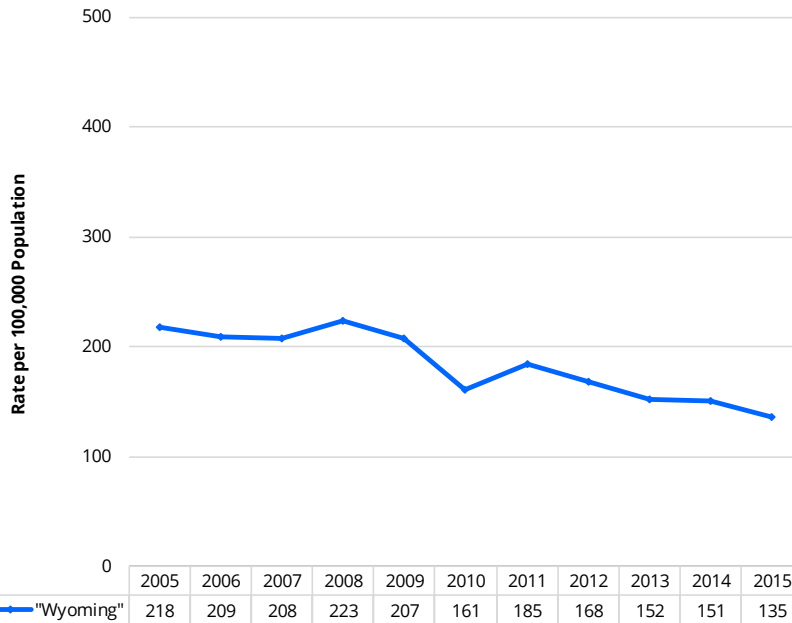
UCR 2005–2015

(Data also available from DCI)



# Alcohol-Related Combined Fatal, Injury, and Property Crashes Total

## ALCOHOL CONSEQUENCES



**Chart 13: Wyoming Alcohol-Related Combined Fatal, Injury, and Property Crashes**

**Definition:**

The rate per 100,000 population of alcohol-related vehicular crashes that resulted in fatalities, injuries, or property damage (where Blood Alcohol Content by volume is greater than .01).

**Data Source:**

WYDOT 2005–2015

## ALCOHOL CONSEQUENCES

# Alcohol-Related Motor Vehicle Fatalities

Total

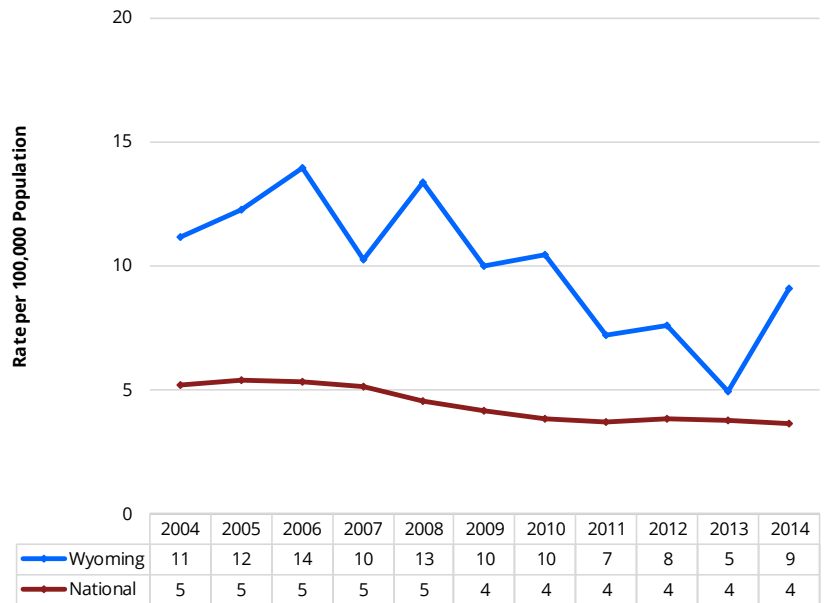
**Chart 14: Alcohol-Related Motor Vehicle Fatalities**

**Definition:**

The rate per 100,000 population of alcohol-related vehicular fatalities (where Blood Alcohol Content by volume is greater than .01).

**Data Source:**

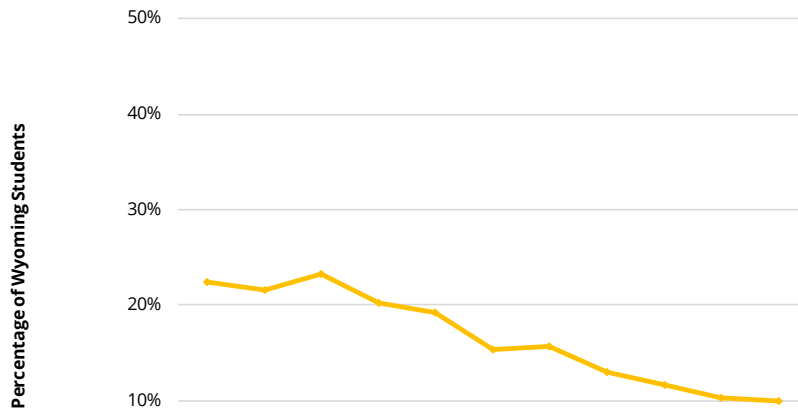
FARS 2004–2014



# Drinking and Driving

## Youth

## ALCOHOL CONSEQUENCES



**Chart 15: Wyoming Students Who Drove a Vehicle One or More Times When They Had Been Drinking (Grades 9 through 12)**

**Definition:**

The percentage of Wyoming students who reported that they drove a vehicle one or more times when they had been drinking alcohol during the 30 days before the survey (grades 9 through 12).

**Data Source:**

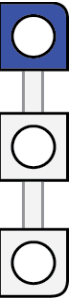
YRBS 1995–2015

	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
Grades 9 to 12	22%	22%	23%	20%	19%	15%	16%	13%	12%	10%	10%
95% Upper C.I.	25%	24%	26%	23%	22%	17%	17%	15%	14%	12%	12%
95% Lower C.I.	20%	19%	20%	18%	16%	13%	14%	11%	10%	9%	8%

## ALCOHOL CONSEQUENCES

# Drinking and Driving

## Youth by Gender



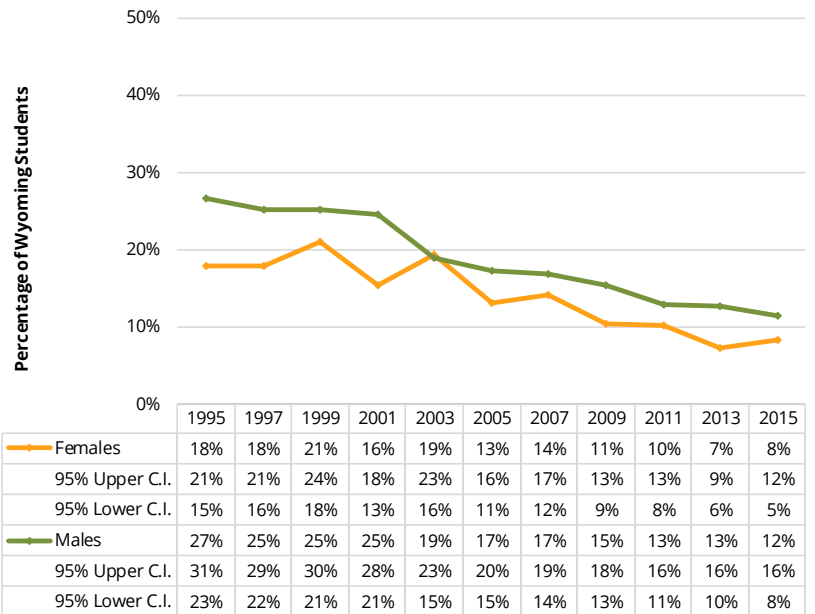
**Chart 16: Wyoming Students Who Drove a Vehicle One or More Times When They Had Been Drinking (Females and Males)**

**Definition:**

The percentage of Wyoming high school students who reported that they drove a vehicle one or more times when they had been drinking alcohol during the 30 days before the survey (grades 9 through 12 by gender).

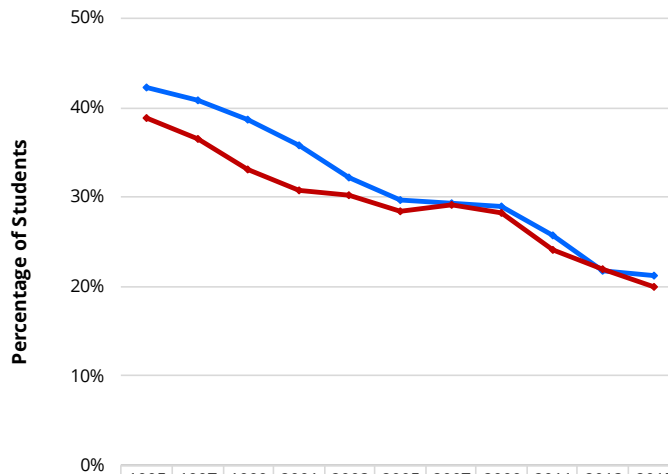
**Data Source:**

YRBS 1995–2015



# Rode in a Car with Someone Who Had Been Drinking Youth

## ALCOHOL CONSEQUENCES



**Chart 17: Wyoming Students Who Rode in a Car with Someone Who Had Been Drinking Alcohol (Grades 9 through 12)**

**Definition:**

The percentage of Wyoming high school students who reported riding in a car (or other vehicle) with someone who had been drinking alcohol during the 30 days before the survey.

**Data Source:**

YRBS 1995–2015

## ALCOHOL CONSEQUENCES

# Rode in a Car with Someone Who Had Been Drinking Youth by Gender

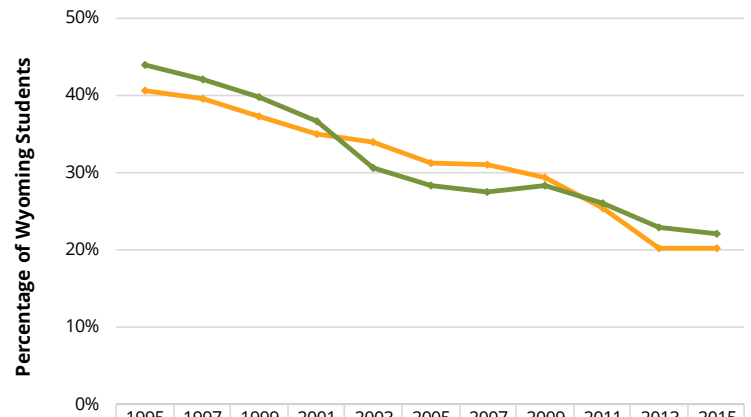
**Chart 18: Wyoming Students Who Rode in a Car with Someone Who Had Been Drinking Alcohol (Females and Males)**

**Definition:**

The percentage of Wyoming high school students who reported riding in a car (or other vehicle) with someone who had been drinking alcohol during the 30 days before the survey.

**Data Source:**

YRBS 1995–2015

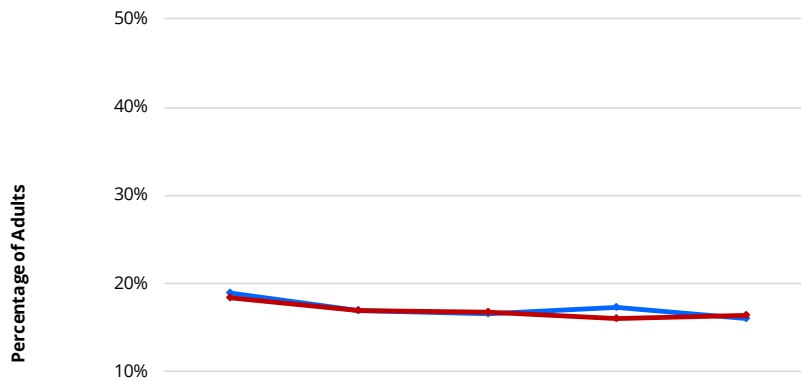


	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
Females	41%	40%	37%	35%	34%	31%	31%	29%	25%	20%	20%
95% Upper C.I.	44%	43%	41%	38%	39%	35%	34%	32%	28%	22%	24%
95% Lower C.I.	37%	37%	34%	32%	29%	28%	28%	27%	23%	18%	17%
Males	44%	42%	40%	37%	31%	28%	28%	28%	26%	23%	22%
95% Upper C.I.	48%	46%	44%	40%	35%	31%	30%	31%	29%	26%	26%
95% Lower C.I.	40%	38%	36%	33%	26%	25%	25%	26%	23%	20%	19%

# Binge Drinking

## Adults

## ALCOHOL CONSUMPTION



**Chart 19: Binge Drinking (Adults)**

**Definition:**

The percentage of Wyoming adults who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Wyoming	19%	17%	17%	17%	16%
95% Upper	20%	19%	18%	19%	18%
95% Lower	17%	15%	15%	15%	14%
Nation	18%	17%	17%	16%	16%



# ALCOHOL CONSUMPTION

# Binge Drinking

## Adults by Age Groups

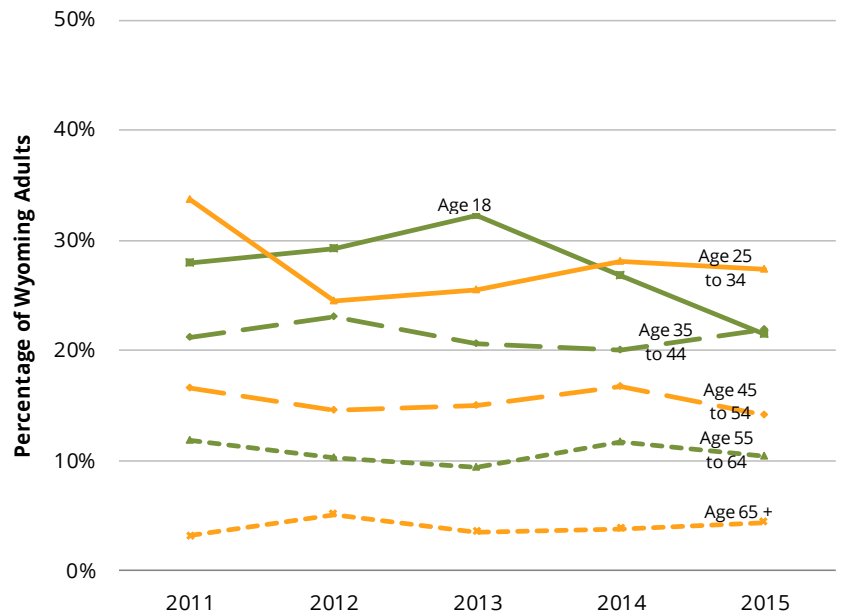
**Chart 20: Binge Drinking**

**Definition:**

The percentage of Wyoming adults who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

BRFSS 2011–2015



**Table 1: Binge Drinking by Age Group**

Ages	Year				
	2011	2012	2013	2014	2015
18-24	28%	29%	32%	27%	21%
95% Upper C.I.	34%	37%	40%	37%	30%
95% Lower C.I.	23%	22%	25%	19%	15%
25-34	34%	25%	26%	28%	27%
95% Upper C.I.	38%	30%	30%	35%	34%
95% Lower C.I.	30%	19%	21%	22%	22%
35-44	21%	23%	21%	20%	22%
95% Upper C.I.	25%	29%	25%	25%	27%
95% Lower C.I.	18%	18%	17%	16%	17%
45-54	17%	15%	15%	17%	14%
95% Upper C.I.	20%	18%	18%	21%	18%
95% Lower C.I.	14%	12%	13%	13%	11%
55-64	12%	10%	9%	12%	10%
95% Upper C.I.	15%	13%	11%	14%	13%
95% Lower C.I.	9%	8%	8%	9%	8%
65+	3%	5%	4%	4%	4%
95% Upper C.I.	4%	7%	5%	5%	6%
95% Lower C.I.	2%	4%	3%	3%	3%

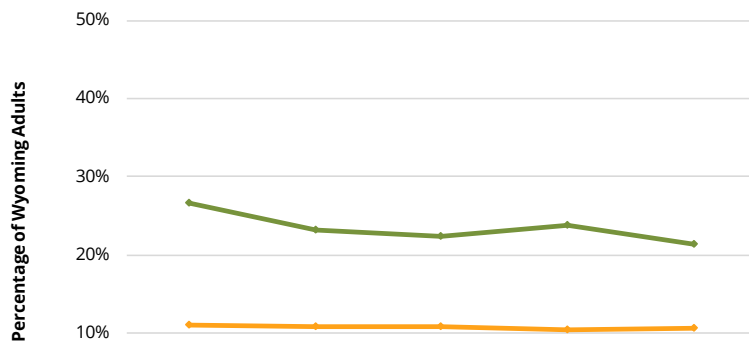


# Binge Drinking

## Adults

### by Gender & Race/Ethnicity

## ALCOHOL CONSUMPTION



**Chart 21: Binge Drinking  
(Females and Males)**

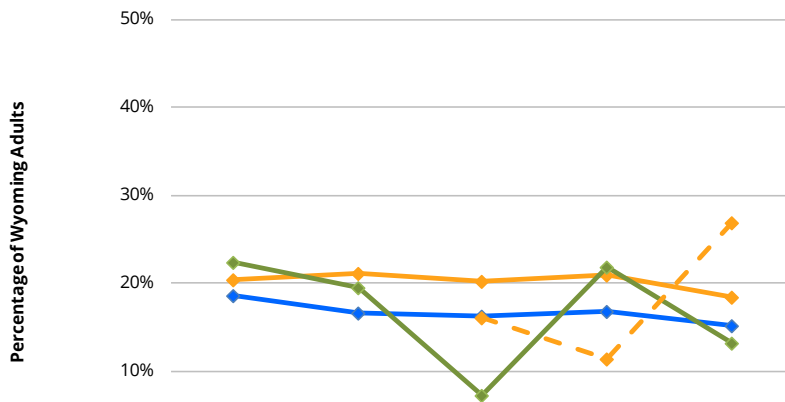
**Definition:**

The percentage of Wyoming adults who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Females	11%	11%	11%	10%	11%
95% Upper C.I.	13%	13%	13%	13%	13%
95% Lower C.I.	9%	9%	9%	8%	9%
Males	27%	23%	22%	24%	21%
95% Upper C.I.	29%	26%	25%	27%	24%
95% Lower C.I.	24%	20%	20%	21%	19%



**Chart 22: Binge Drinking (Race/  
Ethnicity)**

**Definition:**

The percentage of Wyoming adults who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
White	19%	17%	16%	17%	15%
Hispanic	20%	21%	20%	21%	18%
Other	22%	20%	7%	22%	13%
Native American	20%	21%	16%	11%	27%

## ALCOHOL CONSUMPTION

# Binge Drinking

## by Age Groups

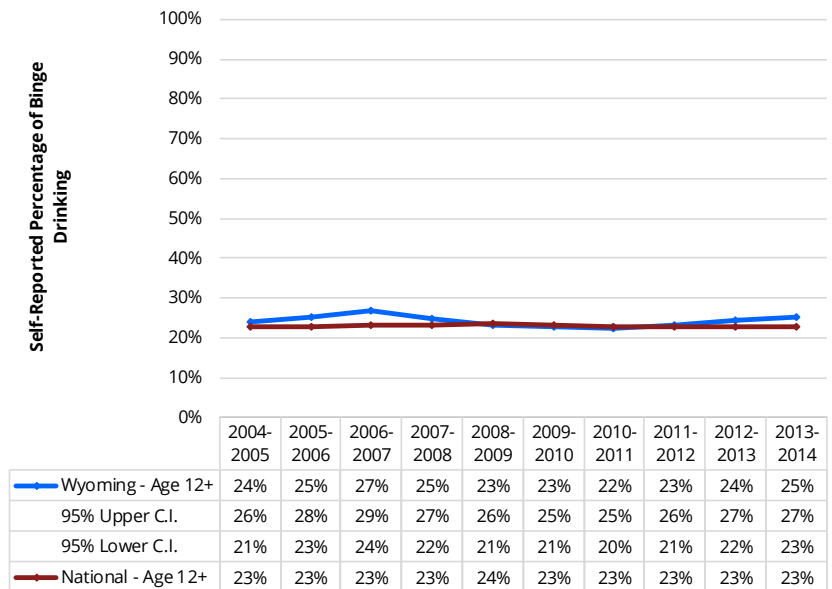
**Chart 23: Binge Drinking (Ages 12+)**

**Definition:**

The percentage of people who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

NSDUH 2004–2014



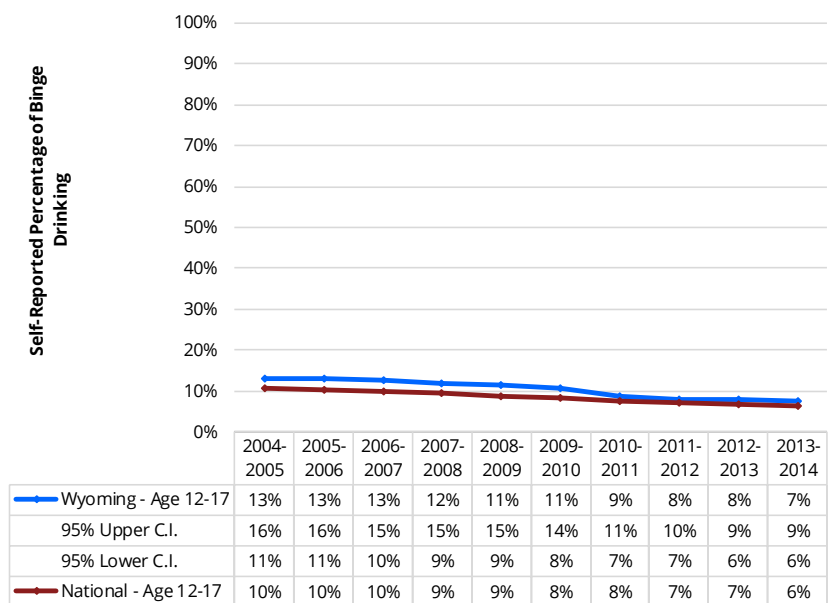
**Chart 24: Binge Drinking (Ages 12-17)**

**Definition:**

The percentage of people who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

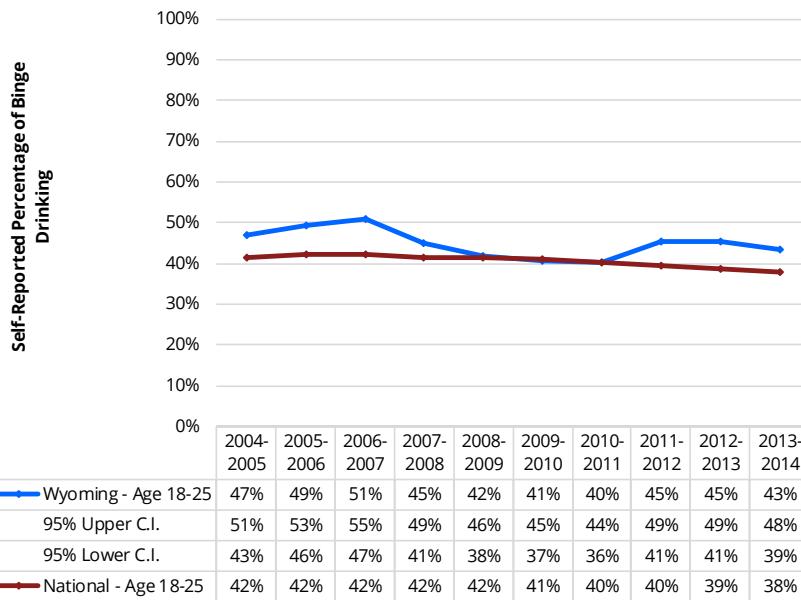
NSDUH 2004–2014



# Binge Drinking

## by Age Groups

## ALCOHOL CONSUMPTION



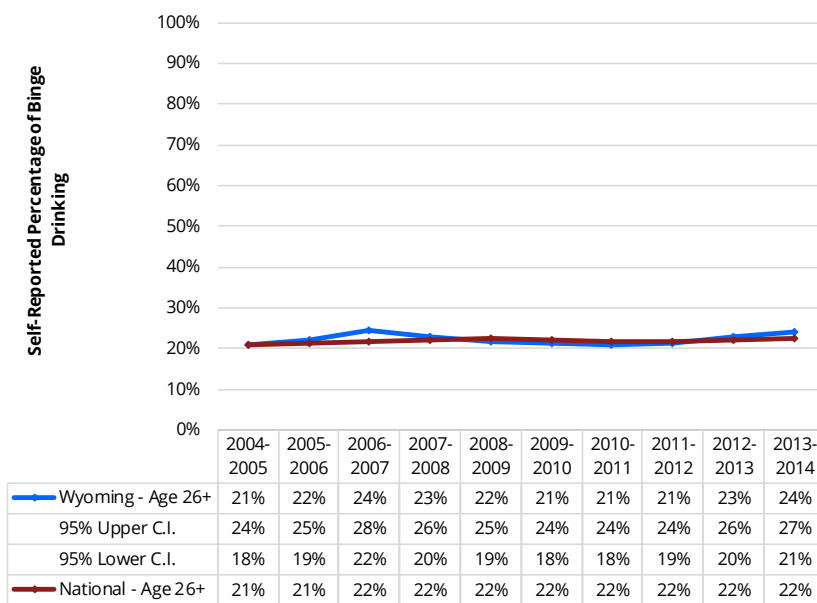
**Chart 25: Binge Drinking (Ages 18-25)**

**Definition:**

The percentage of people who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

NSDUH 2004-2014



**Chart 26: Binge Drinking (Ages 26+)**

**Definition:**

The percentage of people who reported drinking five or more drinks on an occasion at least one time in the past month.

**Data Source:**

NSDUH 2004-2014

## ALCOHOL CONSUMPTION

# Heavy Drinking

## Adults

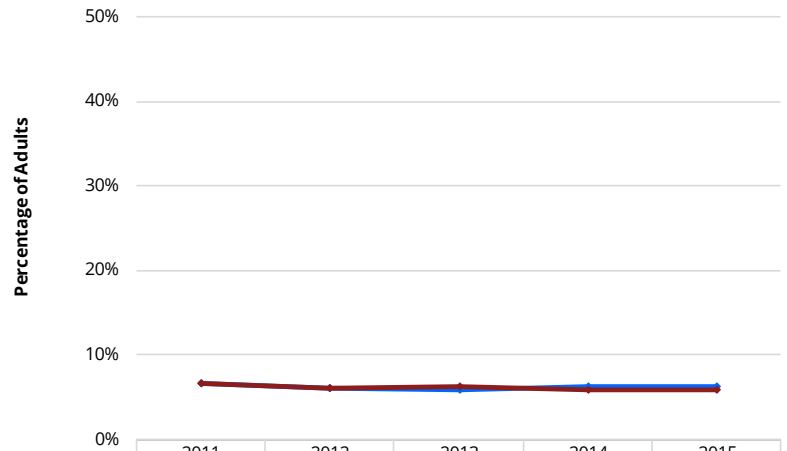
**Chart 27: Heavy Drinking  
(Adult)**

**Definition:**

The percentage of men who reported drinking more than 60 drinks of alcohol in the past 30 days, or women reporting drinking more than 30 drinks of alcohol in the past 30 days.

**Data Source:**

BRFSS 2011–2015

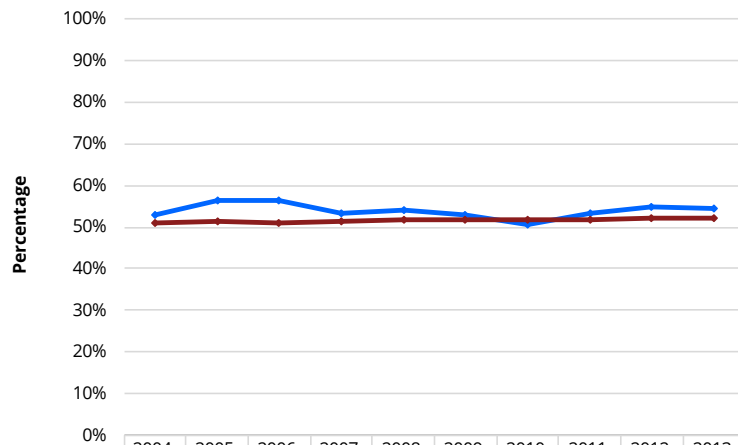


	2011	2012	2013	2014	2015
Wyoming	7%	6%	6%	6%	6%
95% Upper C.I.	8%	7%	7%	7%	7%
95% Lower C.I.	6%	5%	5%	5%	5%
National	7%	6%	6%	6%	6%

# 30-Day Alcohol Use

## Adults and Youth

## ALCOHOL CONSUMPTION



**Chart 28: 30-Day Alcohol Use (Ages 12+)**

**Definition:**

The percentage of people who reported having at least one drink of alcohol on at least one day during the 30 days before the survey.

**Data Source:**

NSDUH 2004–2014

## ALCOHOL CONSUMPTION

## Past Month Alcohol Use Youth by School Level & Grade

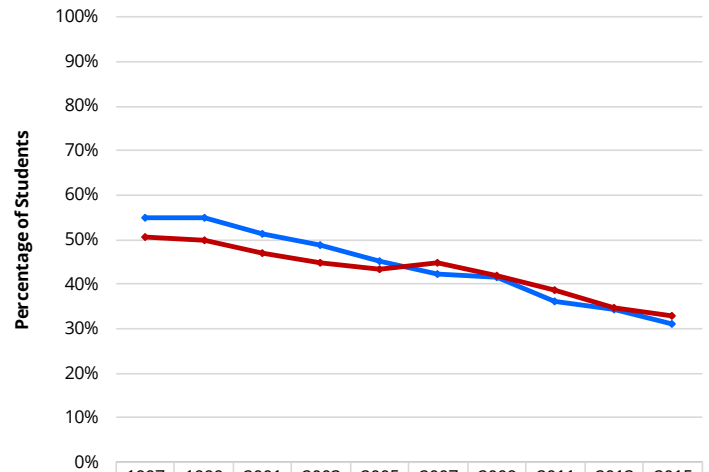
**Chart 29: Wyoming Students'  
Past 30-Day Alcohol Use  
(Grades 9 through 12)**

**Definition:**

The percentage of Wyoming students who reported drinking at least one drink of alcohol on at least one day during the 30 days before the survey.

**Data Source:**

YRBS 1997–2015

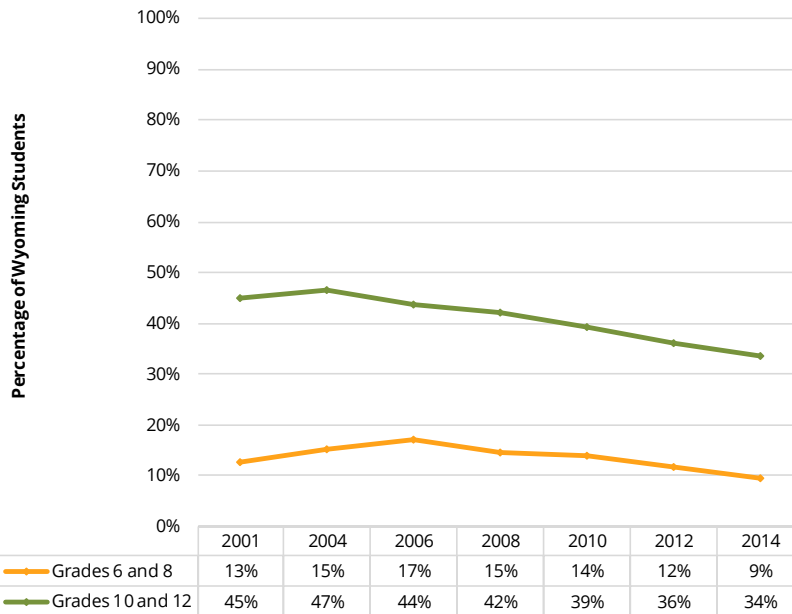


	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
WY Grades 9 to 12	55%	55%	51%	49%	45%	42%	42%	36%	34%	31%
95% Upper C.I.	59%	58%	54%	53%	48%	45%	44%	39%	37%	34%
95% Lower C.I.	51%	51%	48%	45%	43%	40%	39%	34%	32%	28%
National Grades 9 to 12	51%	50%	47%	45%	43%	45%	42%	39%	35%	33%

# 30-Day Alcohol Use

## Youth by School Level & Grade

## ALCOHOL CONSUMPTION



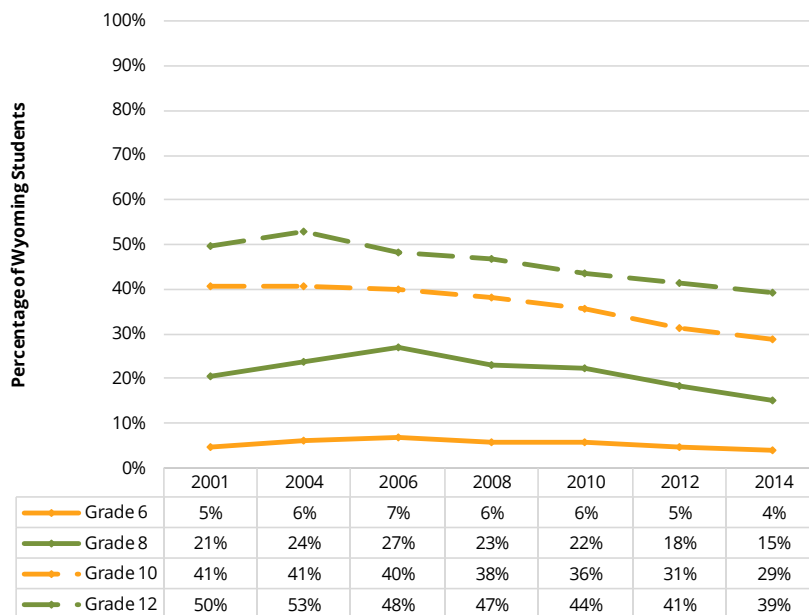
**Chart 30: Wyoming Students' Past 30-Day Alcohol Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported drinking at least one drink of alcohol on at least one day during the 30 days before the survey.

**Data Source:**

PNA 2001–2014



**Chart 31: Wyoming Students' Past 30-Day Alcohol Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported drinking at least one drink of alcohol on at least one day during the 30 days before the survey.

**Data Source:**

PNA 2001–2014



## ALCOHOL RISK/PROTECTIVE FACTORS

## Alcohol Compliance Rate



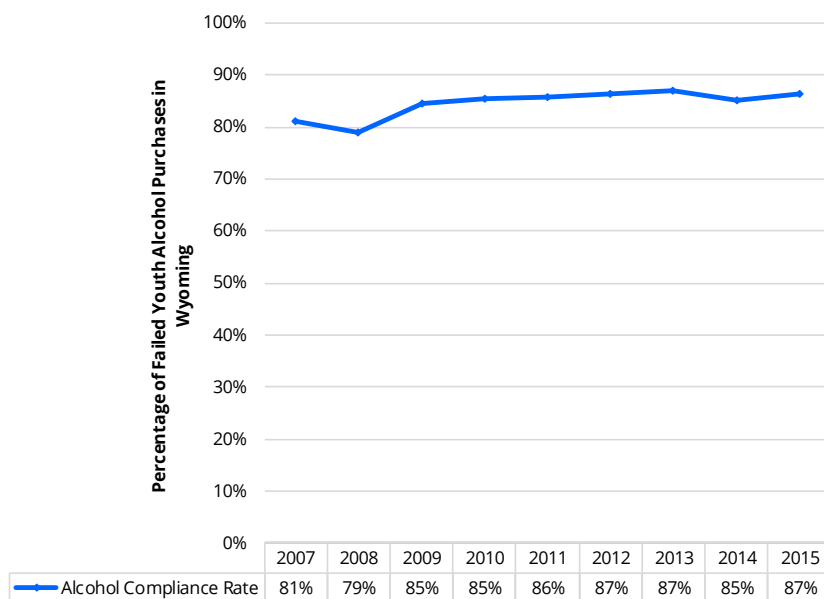
**Chart 32: Alcohol Compliance**

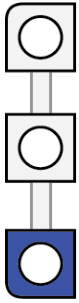
**Definition:**

The percentage of purchases of alcohol by minors which failed.

**Data Source:**

WASCO-CC 2007-2015

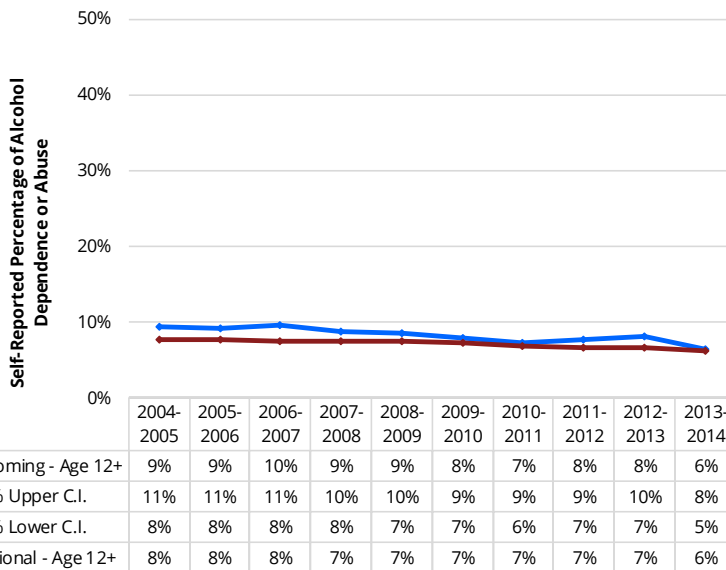




# Alcohol Dependence or Abuse

## by Age Groups

## ALCOHOL RISK/PROTECTIVE FACTORS



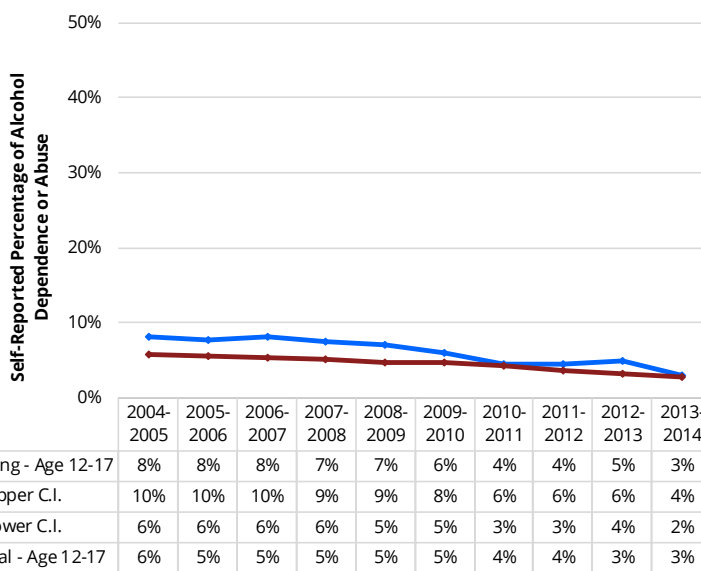
**Chart 33: Alcohol Dependence or Abuse (Ages 12+)**

**Definition:**

NSDUH defines alcohol dependence or abuse using criteria specified in the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which include such symptoms as recurrent alcohol use resulting in physical danger, trouble with the law due to alcohol use, increased tolerance to alcohol, and giving up or reducing other important activities in favor of alcohol use.

**Data Source:**

NSDUH 2004–2014



**Chart 34: Alcohol Dependence or Abuse (Ages 12-17)**

**Definition:**

NSDUH defines alcohol dependence or abuse using criteria specified in the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which include such symptoms as recurrent alcohol use resulting in physical danger, trouble with the law due to alcohol use, increased tolerance to alcohol, and giving up or reducing other important activities in favor of alcohol use.

**Data Source:**

NSDUH 2004–2014

## ALCOHOL RISK/PROTECTIVE FACTORS

# Alcohol Dependence or Abuse by Age Groups



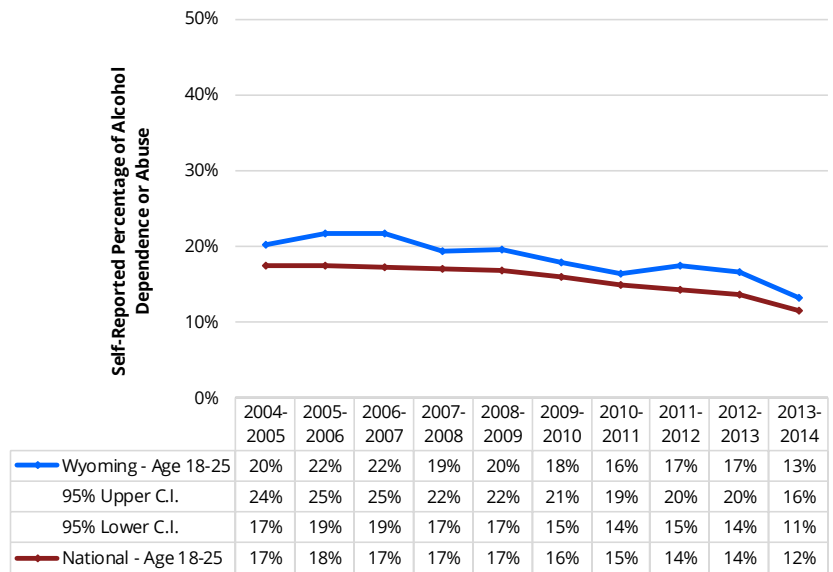
**Chart 35: Alcohol Dependence or Abuse (Ages 18-25)**

**Definition:**

NSDUH defines alcohol dependence or abuse using criteria specified in the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which include such symptoms as recurrent alcohol use resulting in physical danger, trouble with the law due to alcohol use, increased tolerance to alcohol, and giving up or reducing other important activities in favor of alcohol use.

**Data Source:**

NSDUH 2004-2014



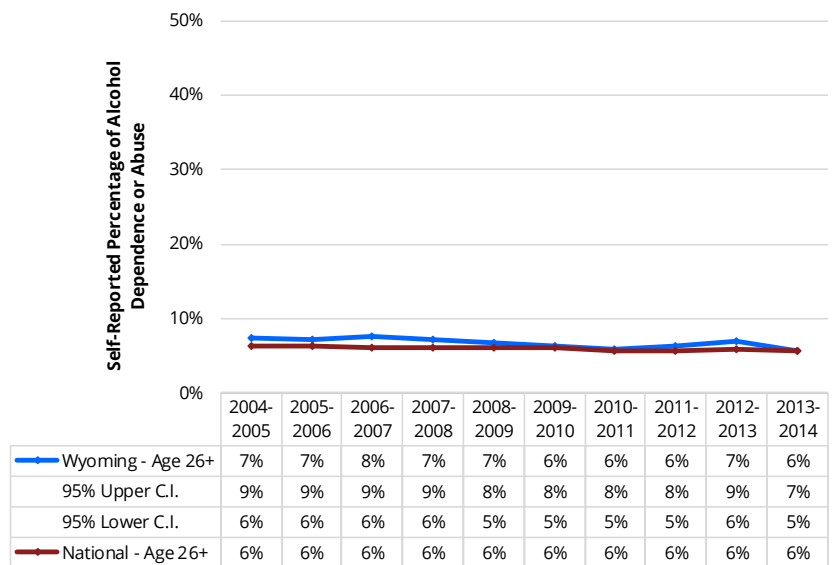
**Chart 36: Alcohol Dependence or Abuse (Ages 26+)**

**Definition:**

NSDUH defines alcohol dependence or abuse using criteria specified in the American Psychiatric Association's *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which include such symptoms as recurrent alcohol use resulting in physical danger, trouble with the law due to alcohol use, increased tolerance to alcohol, and giving up or reducing other important activities in favor of alcohol use.

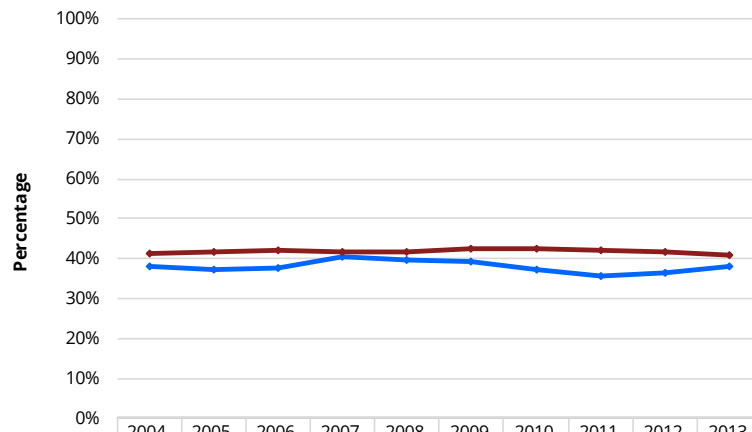
**Data Source:**

NSDUH 2004-2014



# Perceived Risk of Alcohol Use

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 37: Perceived Risk of Alcohol Use (Ages 12+)**

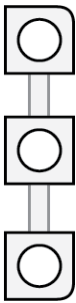
**Definition:**

Perception of risk of consuming five or more drinks in one sitting.

**Data Source:**

NSDUH 2004–2014

	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Wyoming	38%	37%	38%	40%	40%	39%	37%	36%	36%	38%
95% Upper C.I.	41%	40%	41%	43%	43%	42%	40%	38%	39%	41%
95% Lower C.I.	35%	34%	35%	37%	37%	36%	34%	33%	34%	35%
National	41%	42%	42%	42%	42%	43%	43%	42%	42%	41%

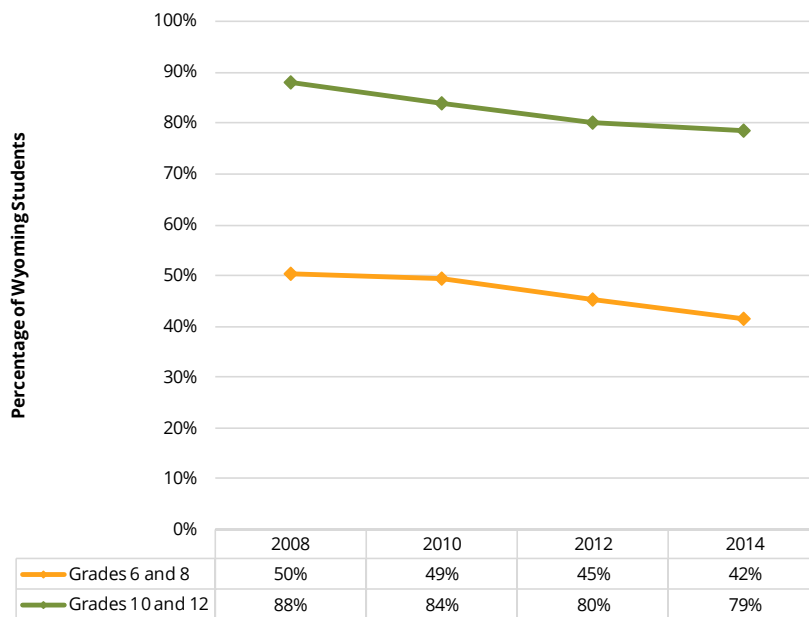


# Social Norms: Binge Drinking

## Youth

### by School Level & Grade

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 38: Social Norm: Binge Drinking (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school binge drank at least once in the past two weeks.

**Data Source:**

PNA 2008-2014



**Chart 39: Social Norm: Binge Drinking (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school binge drank at least once in the past two weeks.

**Data Source:**

PNA 2008-2014

## ALCOHOL RISK/PROTECTIVE FACTORS

## Social Norms: Binge Drinking Youth by Gender & Race/Ethnicity

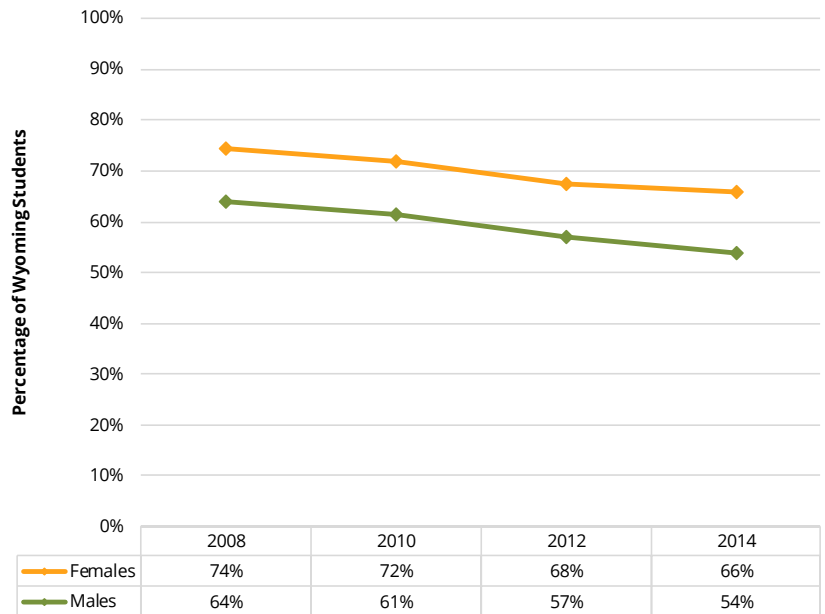
**Chart 40: Social Norm: Binge Drinking (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school binge drank at least once in the past two weeks.

**Data Source:**

PNA 2008-2014



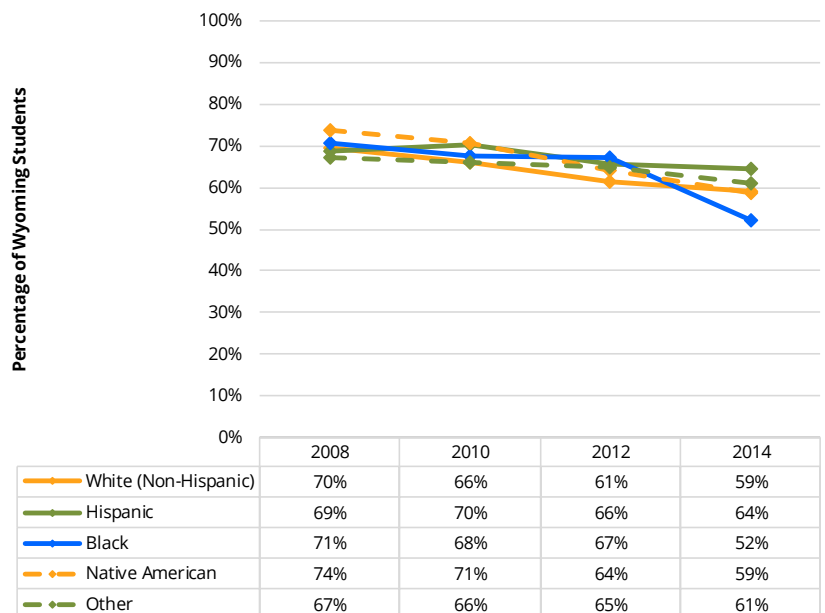
**Chart 41: Social Norm: Binge Drinking (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school binge drank at least once in the past two weeks.

**Data Source:**

PNA 2008-2014

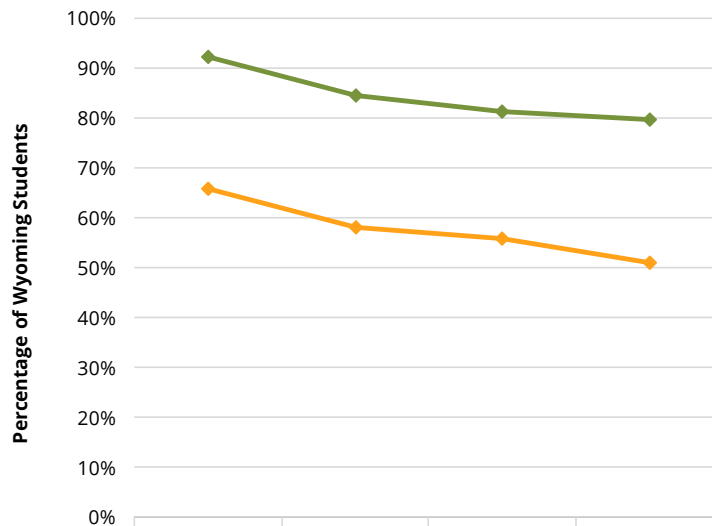


# Social Norms: Past 30-Day Alcohol Use

## Youth

### by School Level & Grade

## ALCOHOL RISK/PROTECTIVE FACTORS



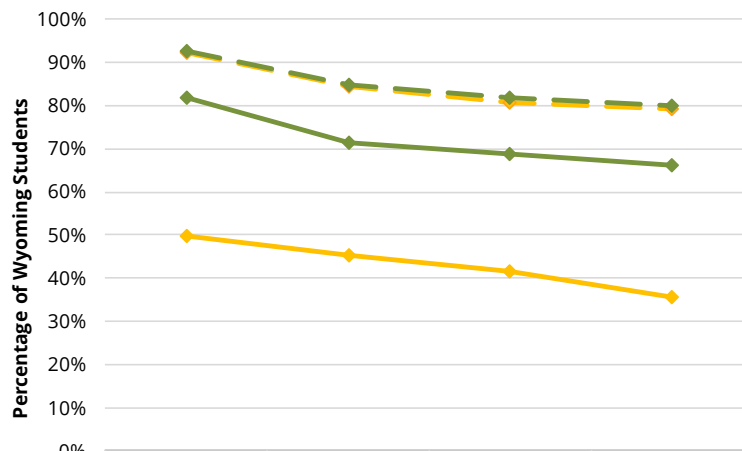
**Chart 42: Social Norm: Past 30-Day Alcohol Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school drank at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



**Chart 43: Social Norm: Past 30-Day Alcohol Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school drank at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



## ALCOHOL RISK/PROTECTIVE FACTORS

## Social Norms: Past 30-Day Alcohol Use Youth by Gender & Race/Ethnicity

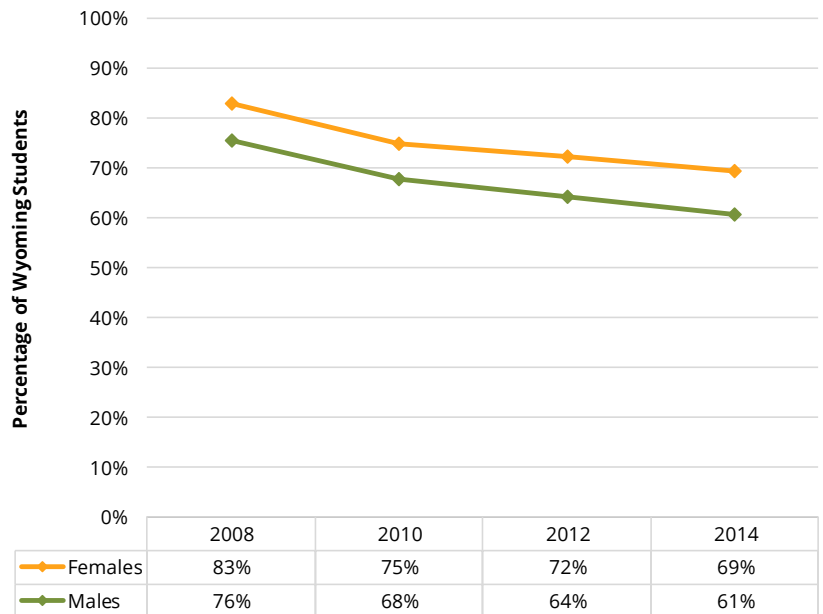
**Chart 44: Social Norm: Past 30-Day Alcohol Use (Females and Males)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school drank at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



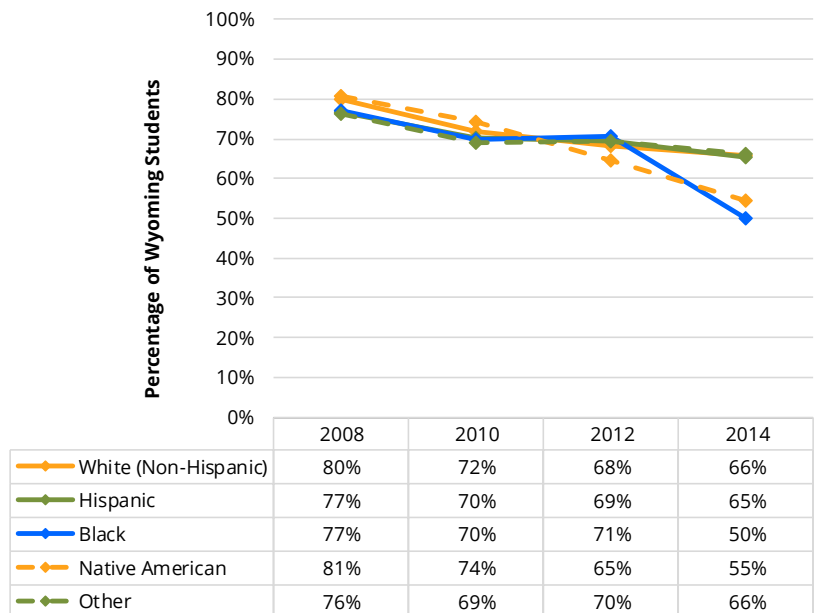
**Chart 45: Social Norm: Past 30-Day Alcohol Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school drank at least once in the past 30 days.

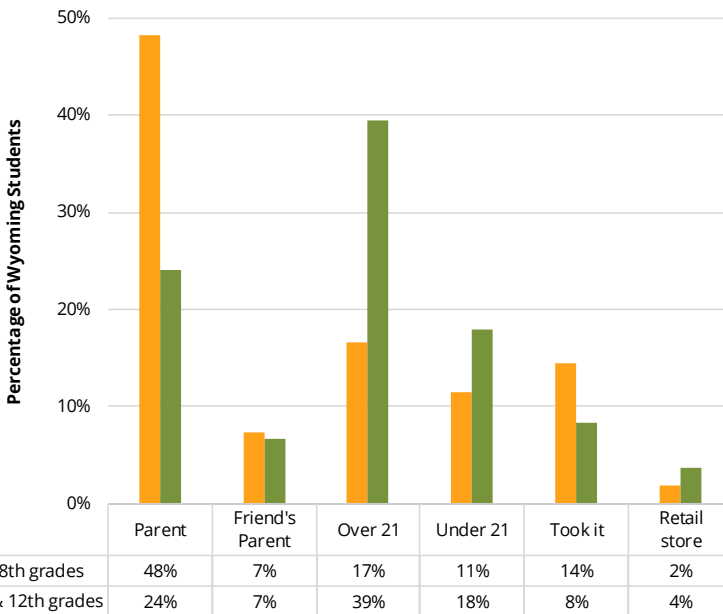
**Data Source:**

PNA 2008-2014



# Source of Last Alcoholic Drink Youth by School Level

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 46: Wyoming Students' Source of Last Alcoholic Drink (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported getting their last drink of alcohol from a parent, friend's parent, an individual over the age of 21, an individual under the age of 21, took it, or purchased it from a retail store.

**Data Source:**

PNA 2014

## ALCOHOL RISK/PROTECTIVE FACTORS

## Source of Last Alcoholic Drink Youth by Gender & Race/Ethnicity

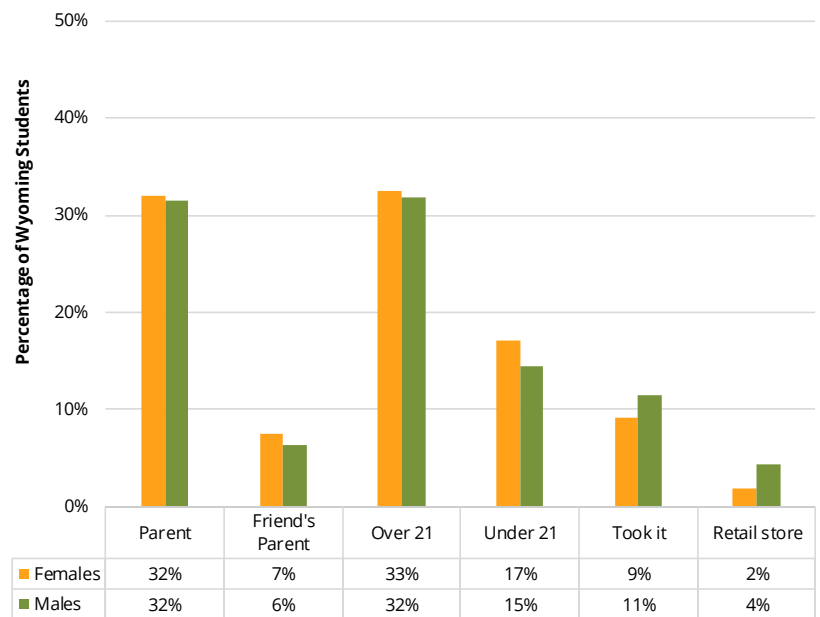
**Chart 47: Wyoming Students' Source of Last Alcoholic Drink (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported getting their last drink of alcohol from a parent, friend's parent, an individual over the age of 21, an individual under the age of 21, took it, or purchased it from a retail store.

**Data Source:**

PNA 2014



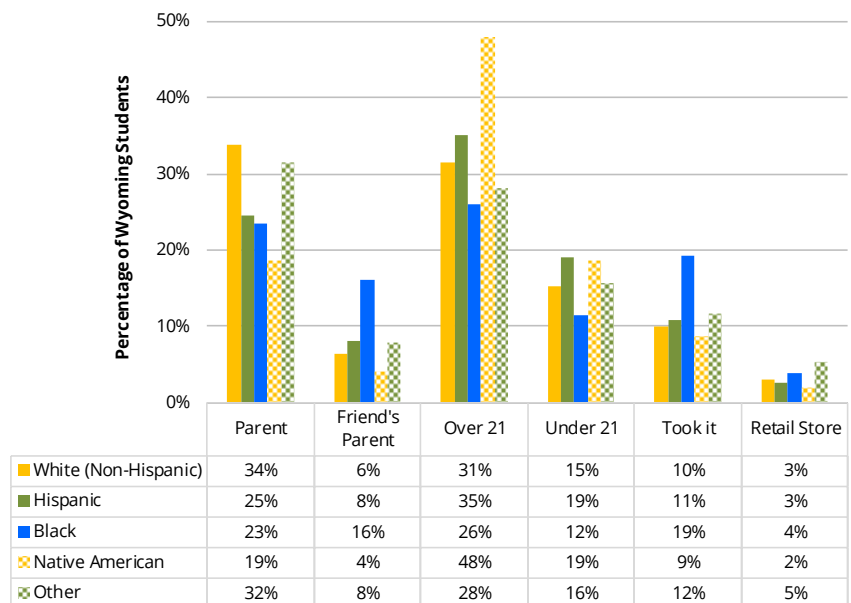
**Chart 48: Source of Last Alcoholic Drink (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported getting their last drink of alcohol from a parent, friend's parent, an individual over the age of 21, an individual under the age of 21, took it, or purchased it from a retail store.

**Data Source:**

PNA 2014



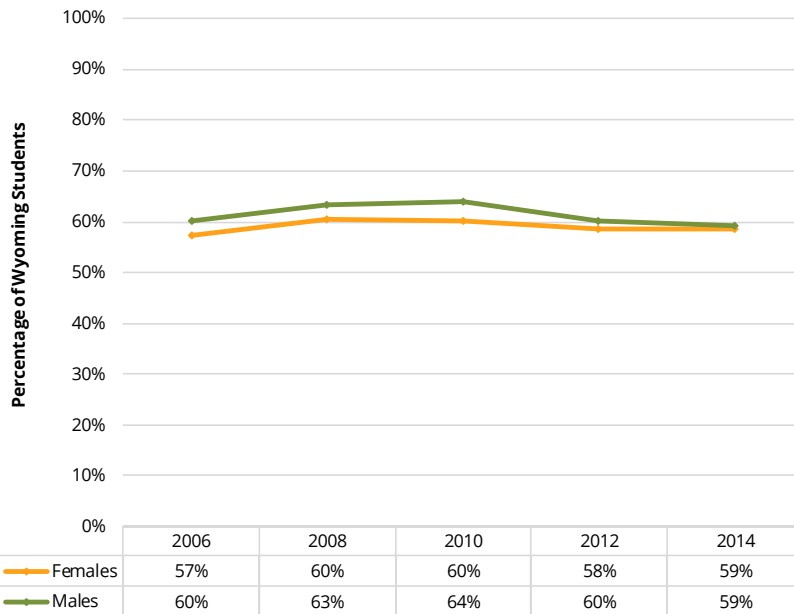
# Community Events

## Where Alcohol Was Sold

### Youth

### by Gender & Race/Ethnicity

## ALCOHOL RISK/PROTECTIVE FACTORS



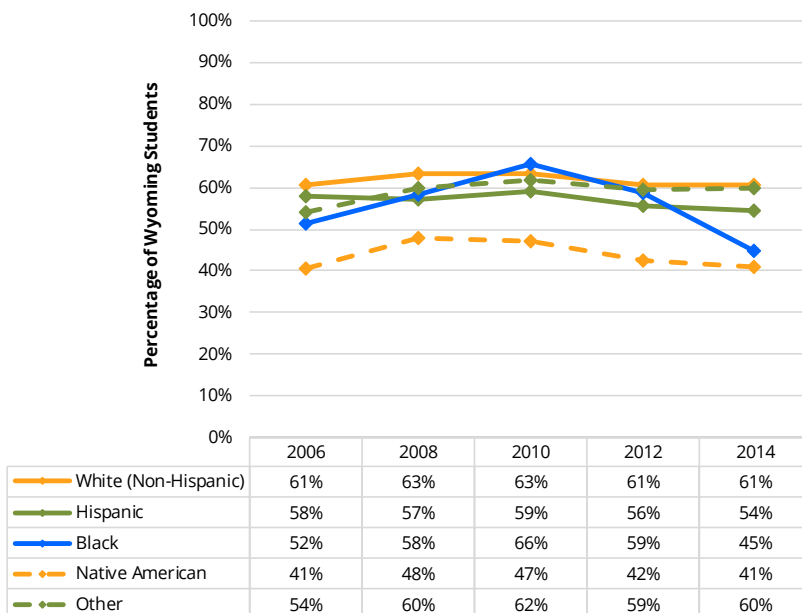
**Chart 49: Wyoming Students Who Attended Community Events Where Alcohol Was Sold (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where alcohol was sold sometime during the past year.

**Data Source:**

PNA 2006–2014



**Chart 50: Wyoming Students Who Attended Community Events Where Alcohol Was Sold (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where alcohol was sold sometime during the past year.

**Data Source:**

PNA 2006–2014

## ALCOHOL RISK/PROTECTIVE FACTORS

# Community Events Where Alcohol Was Sold Youth by School Level

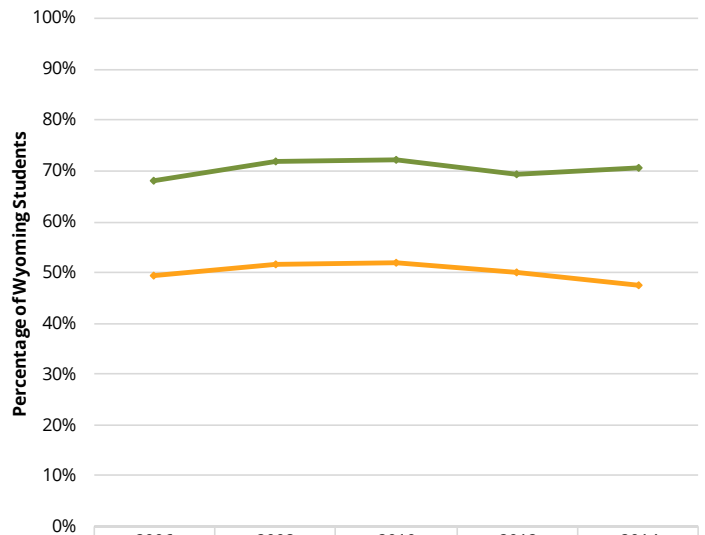
**Chart 51: Wyoming Students Who Attended Community Events Where Alcohol Was Sold (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported having attended community events where alcohol was sold sometime during the past year.

**Data Source:**

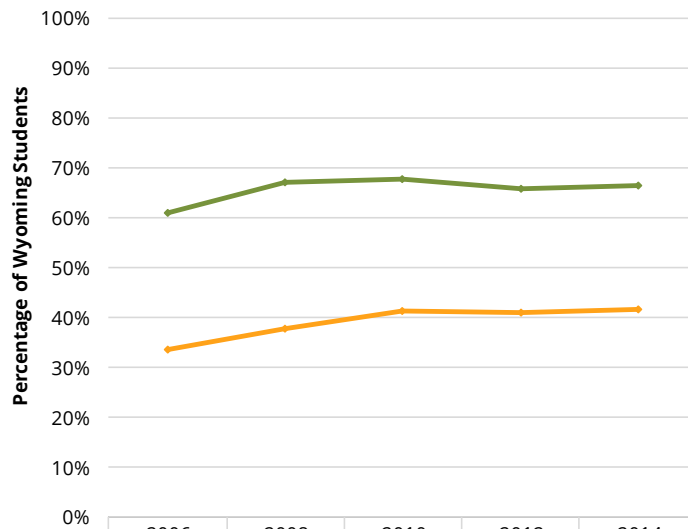
PNA 2006–2014



	2006	2008	2010	2012	2014
Grades 6 and 8	49%	52%	52%	50%	48%
Grades 10 and 12	68%	72%	72%	69%	71%

# Community Events Where Adults Were Intoxicated Youth by School Level

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 52: Wyoming Students Who Attended Community Events Where Adults Were Drunk/Intoxicated (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported having attended community events where adults were drunk/intoxicated sometime during the past year.

**Data Source:**

PNA 2006–2014

## ALCOHOL RISK/PROTECTIVE FACTORS

# Community Events Where Adults Were Intoxicated Youth by Gender & Race/Ethnicity

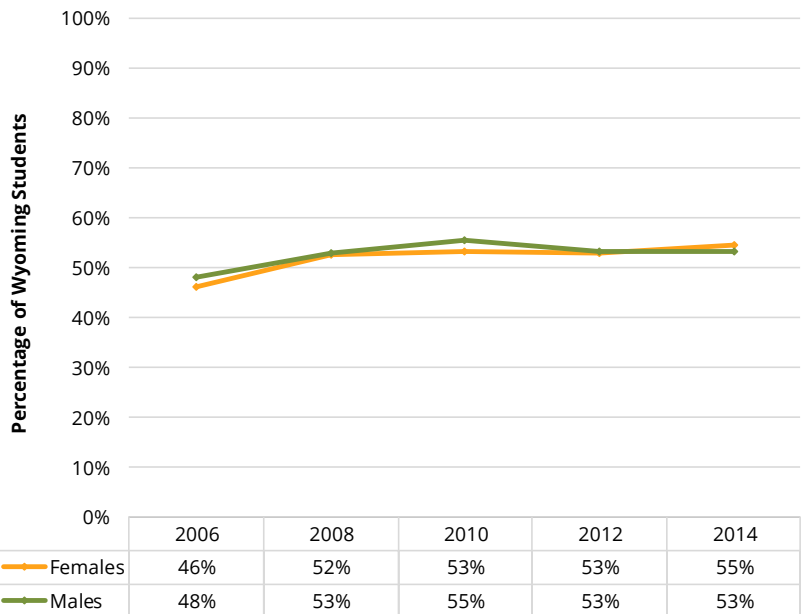
**Chart 53: Wyoming Students Who Attended Community Events Where Adults Were Drunk/Intoxicated (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where adults were drunk/intoxicated sometime during the past year.

**Data Source:**

PNA 2006–2014



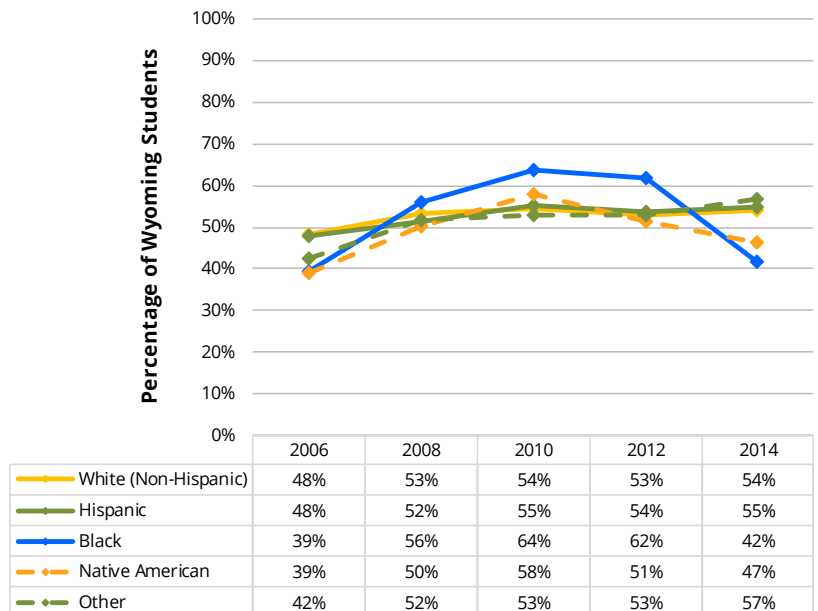
**Chart 54: Wyoming Students Who Attended Community Events Where Adults Were Drunk/Intoxicated (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where adults were drunk/intoxicated sometime during the past year.

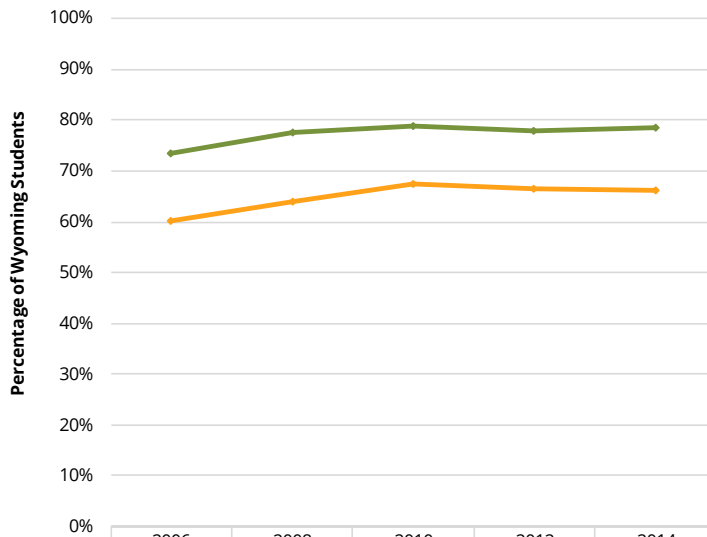
**Data Source:**

PNA 2006–2014



# Community Events Where Adults Were Drinking Youth by School Level

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 55: Wyoming Students Who Attended Community Events Where Adults Were Drinking (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported having attended community events where adults were drinking sometime during the past year.

**Data Source:**

PNA 2006–2014



## ALCOHOL RISK/PROTECTIVE FACTORS

# Community Events Where Adults Were Drinking Youth by Gender & Race/Ethnicity

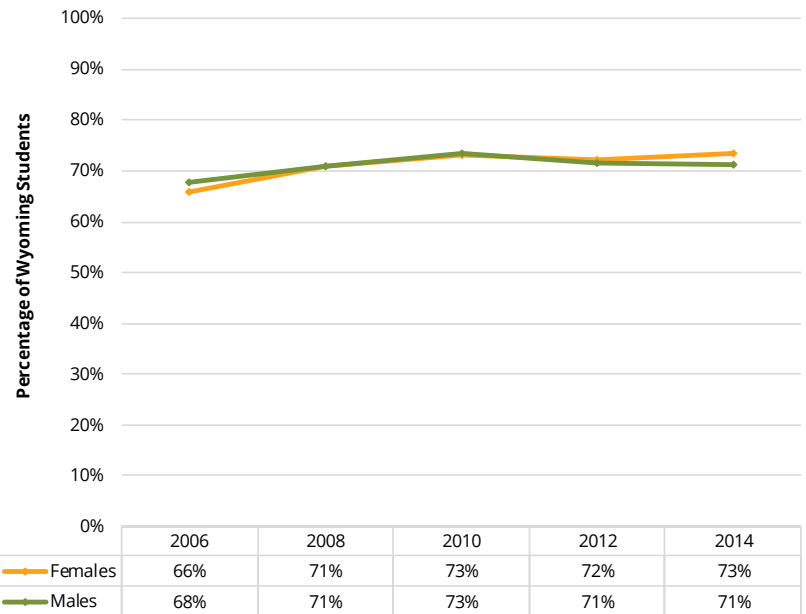
**Chart 56: Wyoming Students Who Attended Community Events Where Adults Were Drinking (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where adults were drinking sometime during the past year.

**Data Source:**

PNA 2006–2014



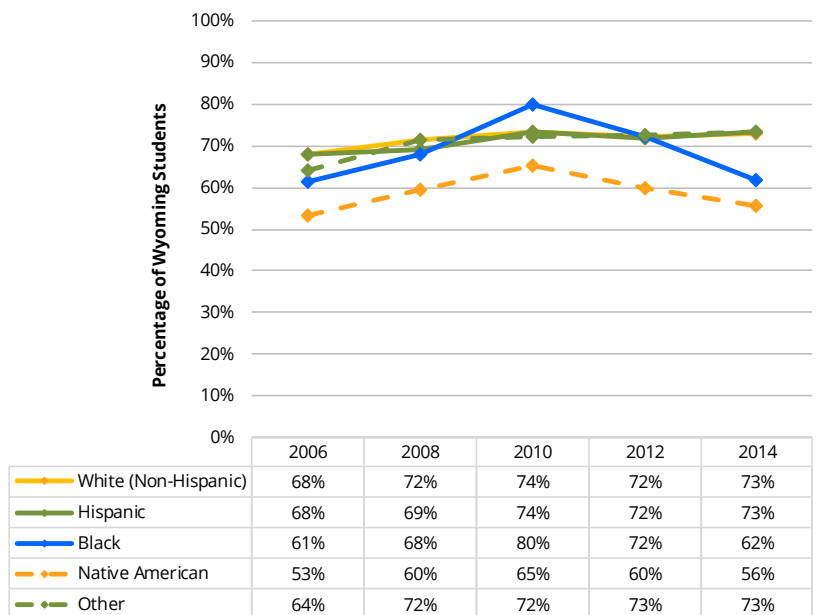
**Chart 57: Wyoming Students Who Attended Community Events Where Adults Were Drinking (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attended community events where adults were drinking sometime during the past year.

**Data Source:**

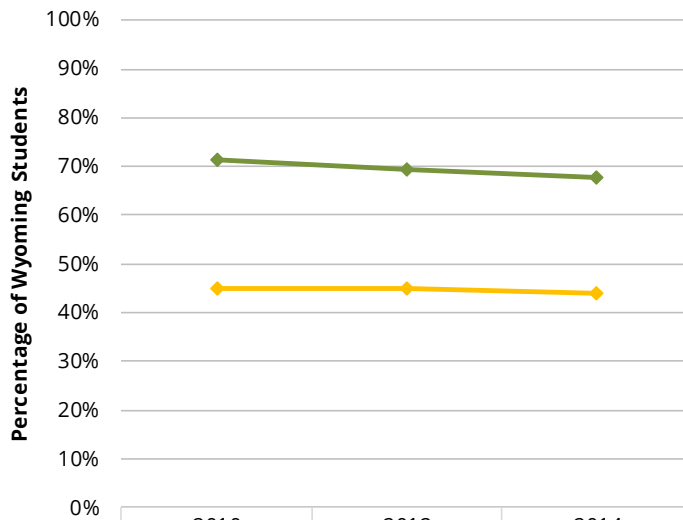
PNA 2006–2014



# Gatherings with Large Amounts of Available Alcohol

## Youth by School Level and Grade

## ALCOHOL RISK/PROTECTIVE FACTORS



**Chart 58: Wyoming Students Who Attended a Gathering with Large Amounts of Available Alcohol (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported that they attended a gathering where large amounts of alcohol were available sometime during the past year.

**Data Source:**

PNA 2010-2014



**Chart 59: Wyoming Students Who Attended a Gathering with Large Amounts of Available Alcohol (Grades 6, 8, 10, 12)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported that they attended a gathering where large amounts of alcohol were available sometime during the past year.

**Data Source:**

PNA 2010-2014

## ALCOHOL RISK/PROTECTIVE FACTORS

## Gatherings with Large Amounts of Available Alcohol

### Youth by Gender & Race Ethnicity

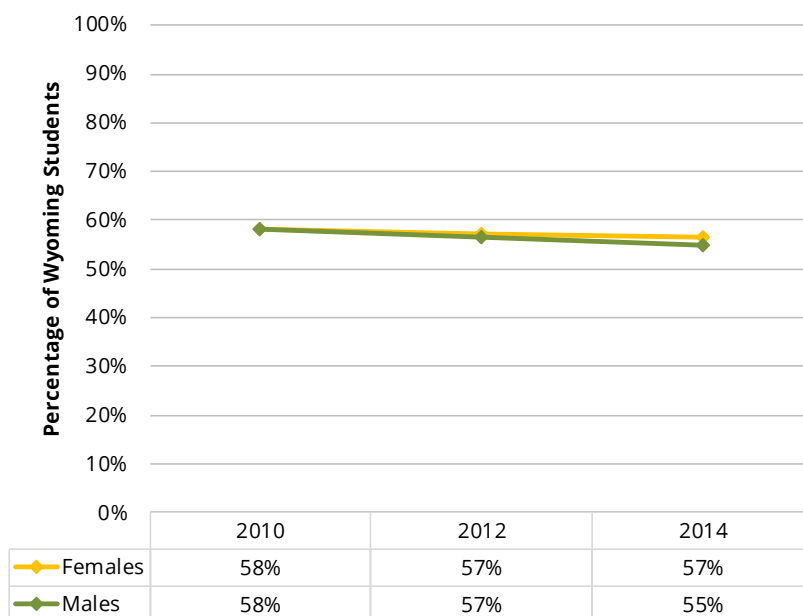
**Chart 60: Wyoming Students Who Attended a Gathering with Large Amounts of Available Alcohol (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 reporting that they attended a gathering where large amounts of alcohol were available sometime during the past year.

**Data Source:**

PNA 2010-2014



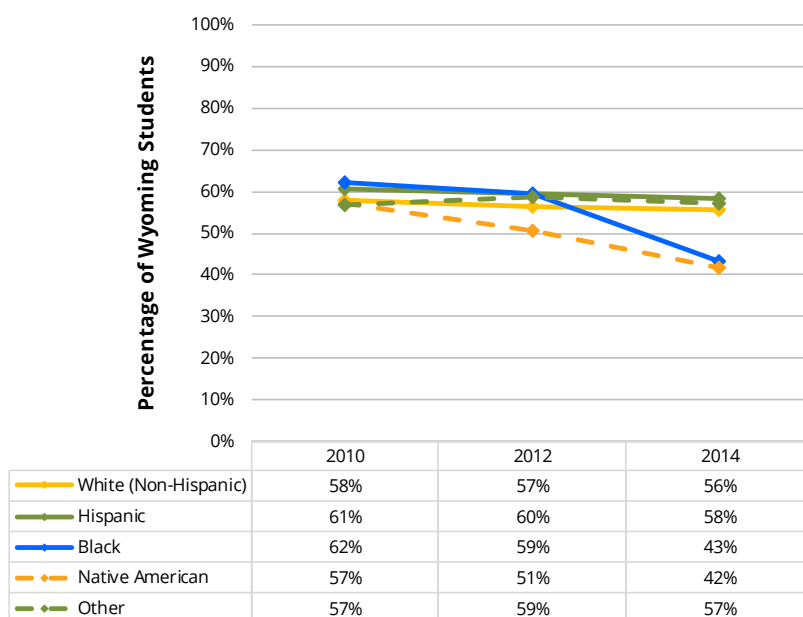
**Chart 61: Wyoming Students Who Attended a Gathering with Large Amounts of Available Alcohol (Race/Ethnicity)**

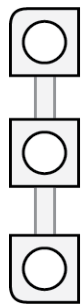
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 reporting that they attended a gathering where large amounts of alcohol were available sometime during the past year.

**Data Source:**

PNA 2010-2014





# Tobacco

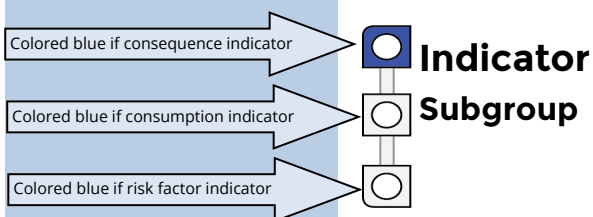
## Included Variables

Indicator	Data Source	Page
<b>Consequence</b>		
Tobacco-Related Mortality	WVS	46
Tobacco-Related Diseases	BRFSS	48
<b>Prevalence/Consumption</b>		
Current Smoking - Adults	BRFSS	50
Current Smoking - Youth	YRBS	53
Current Smoking - Youth	PNA	54
Smokeless Tobacco Use - Adults	BRFSS	58
Smokeless Tobacco Use - Youth	YRBS	59
<b>Risk/Protective Factors</b>		
Social Norms: Chewing Tobacco Use	PNA	59
Social Norms: Youth Cigarette Use	PNA	62
Support for Smokefree Environments	ATS/NATS	64
Smokers Who Quit 1+ Days	BRFSS	66
Tobacco Compliance Rate	WASOP-CC	68
Cigarette Sales to Underage Buyers	Synar	69

### Color and Shade Conventions

- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

### Page Guide Legend



WYOMING STATE EPIDEMIOLOGICAL PROFILE

The current profile section

**SUBSTANCE****INDICATOR ROLE**

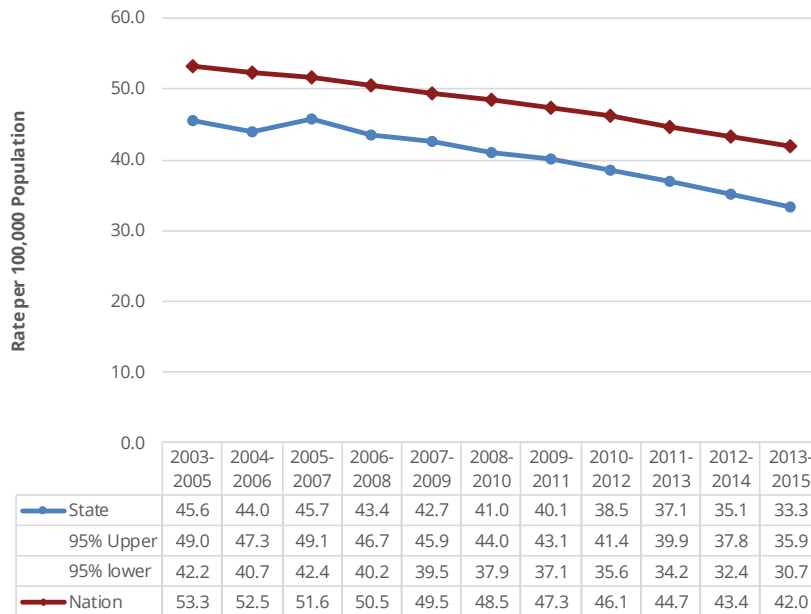
The current indicator's role (i.e., Consequence, Consumption/Prevalence, or Risk Factor)

# Tobacco-Related

## Mortality

### by Cause of Death

## TOBACCO CONSEQUENCES



**Chart 62: Wyoming Age Adjusted Death Rate—Lung Cancer**

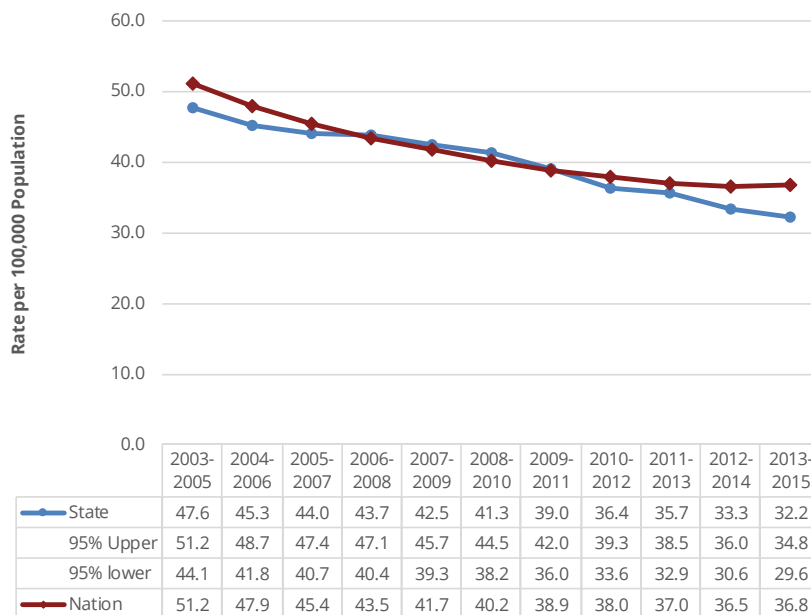
**Definition:**

Wyoming deaths per 100,000 population from lung cancer, age adjusted.

**Data Source:**

CDC WONDER 2003-2015

Note: Although smokers are at an elevated risk for developing these diseases, smoking is not the only cause of these diseases.



**Chart 63: Wyoming Age Adjusted Death Rate—Cerebrovascular Diseases (Stroke)**

**Definition:**

Wyoming deaths per 100,000 population from cerebrovascular diseases (stroke), age adjusted.

**Data Source:**

CDC WONDER 2003-2015

## TOBACCO CONSEQUENCES

# Tobacco-Related Mortality by Cause of Death

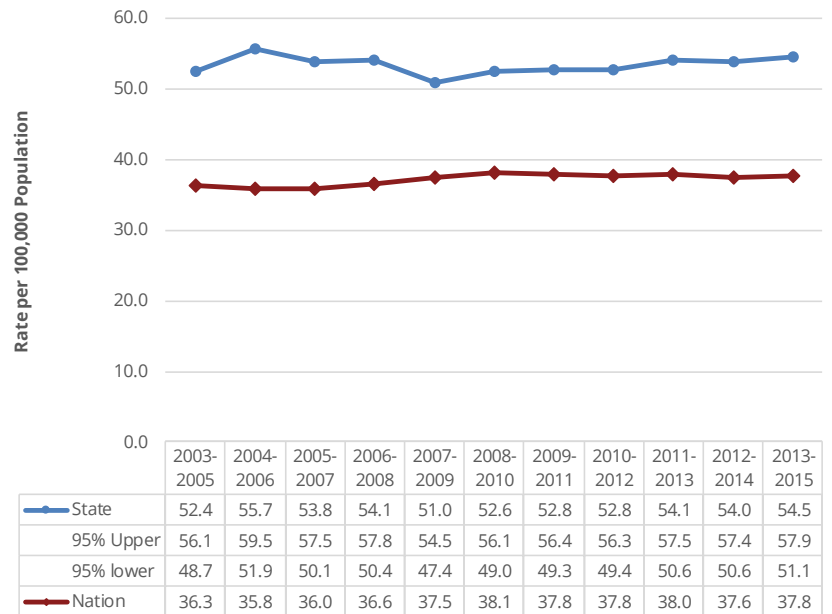
**Chart 64: Wyoming Age Adjusted Death Rate—Chronic Obstructive Pulmonary Disease (COPD)**

**Definition:**

Wyoming deaths per 100,000 population from chronic obstructive pulmonary disease (COPD), age adjusted.

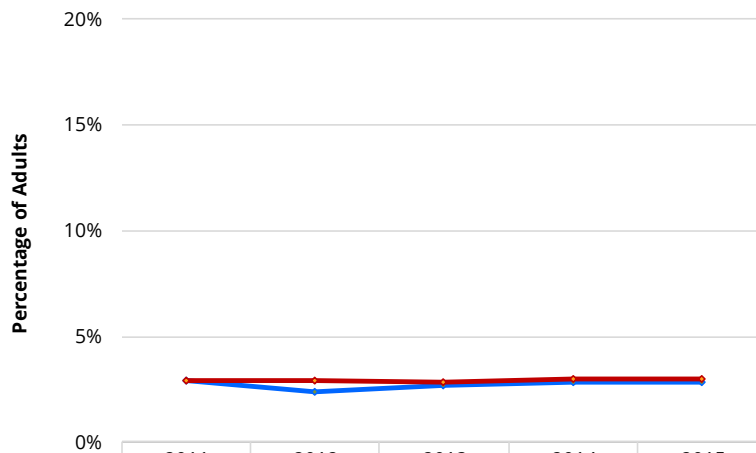
**Data Source:**

CDC WONDER 2003-2015



# Tobacco-Related Diseases Adults

## TOBACCO CONSEQUENCES



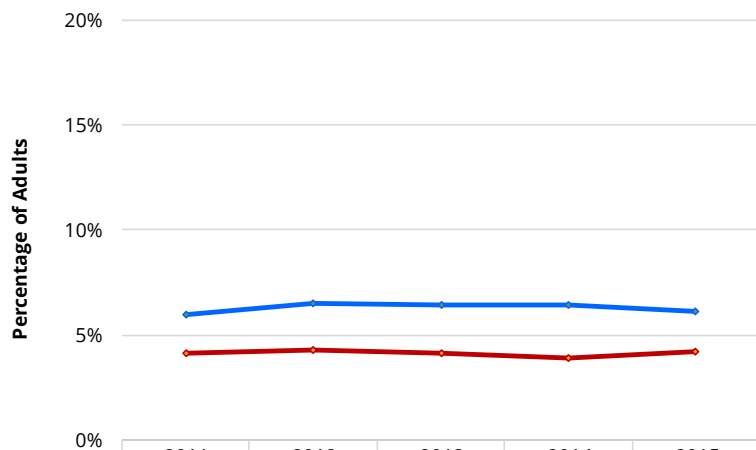
**Chart 65: Self-Reported Incidence of Stroke (Adult)**

**Definition:**

The percentage of Wyoming adults reporting having had a stroke.

**Data Source:**

BRFSS 2011–2015



**Chart 66: Self-Reported Incidence of Heart Disease (Adult)**

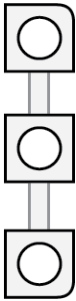
**Definition:**

The percentage of Wyoming adults reporting coronary heart disease, angina, or a heart attack.

**Data Source:**

BRFSS 2011–2015



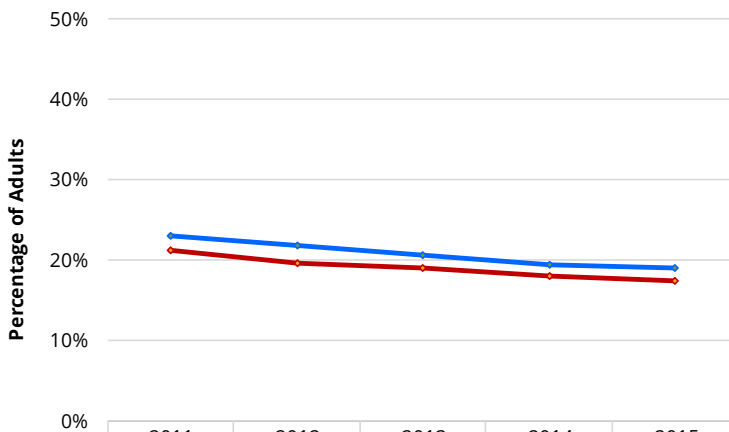




# Current Smoking

## Adults

## TOBACCO CONSUMPTION



**Chart 67: Current Smoking (Adult)**

**Definition:**

The percentage of Wyoming adults who reported having smoked at least 100 cigarettes in their lifetime and are currently smoking everyday or some days.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Wyoming	23%	22%	21%	20%	19%
95% Upper C.I.	25%	24%	22%	21%	21%
95% Lower C.I.	22%	20%	19%	18%	17%
National	21%	20%	19%	18%	18%

## TOBACCO CONSUMPTION

# Current Smoking Adults by Gender & Race/Ethnicity

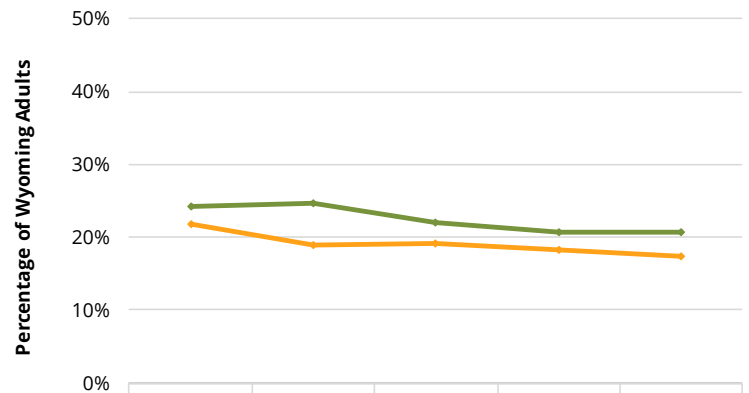
**Chart 68: Current Smoking  
(Females and Males)**

**Definition:**

The percentage of Wyoming adults who reported having smoked at least 100 cigarettes in their lifetime and are currently smoking everyday or some days

**Data Source:**

BRFSS 2011–2015



	2011	2012	2013	2014	2015
Females	22%	19%	19%	18%	18%
95% Upper C.I.	24%	21%	21%	21%	20%
95% Lower C.I.	20%	17%	17%	16%	15%
Males	24%	25%	22%	21%	21%
95% Upper C.I.	27%	28%	25%	24%	23%
95% Lower C.I.	22%	22%	20%	18%	18%

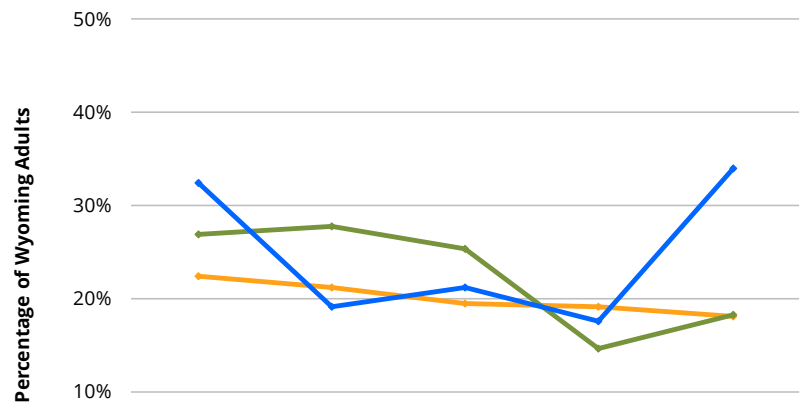
**Chart 69: Current Smoking  
(Race/Ethnicity)**

**Definition:**

The percentage of Wyoming adults who reported having smoked at least 100 cigarettes in their lifetime and are currently smoking everyday or some days

**Data Source:**

BRFSS 2011–2015



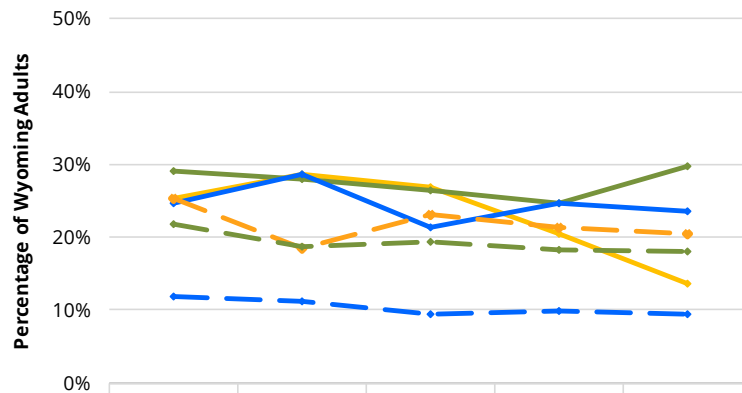
	2011	2012	2013	2014	2015
White	22%	21%	20%	19%	18%
Hispanic	27%	28%	25%	15%	18%
Other	32%	19%	21%	18%	34%



# Current Smoking

## Adults by Age Groups

## TOBACCO CONSUMPTION



**Chart 70: Current Smoking (Age Groups)**

**Definition:**

The percentage of Wyoming adults reporting having smoked at least 100 cigarettes in their lifetime and are currently smoking everyday or some days.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Age 18-24	25%	29%	27%	20%	14%
Age 25-34	29%	28%	26%	25%	30%
Age 35-44	25%	29%	21%	25%	24%
Age 45-54	25%	19%	23%	21%	20%
Age 55-64	22%	19%	19%	18%	18%
Age 65+	12%	11%	10%	10%	9%

## TOBACCO CONSUMPTION

## Current Smoking

### Youth by Grade

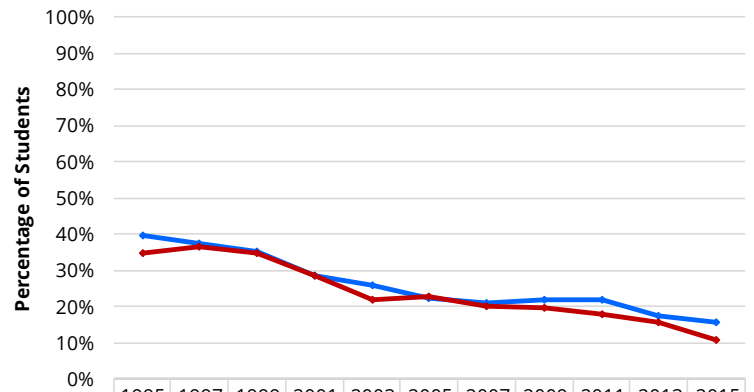
**Chart 71: Past 30-Day Cigarette Use (Youth, Grades 9 through 12 Combined)**

**Definition:**

The percentage of Wyoming students who reported smoking cigarettes on at least one day during the 30 days before the survey.

**Data Source:**

YRBS 1995–2015



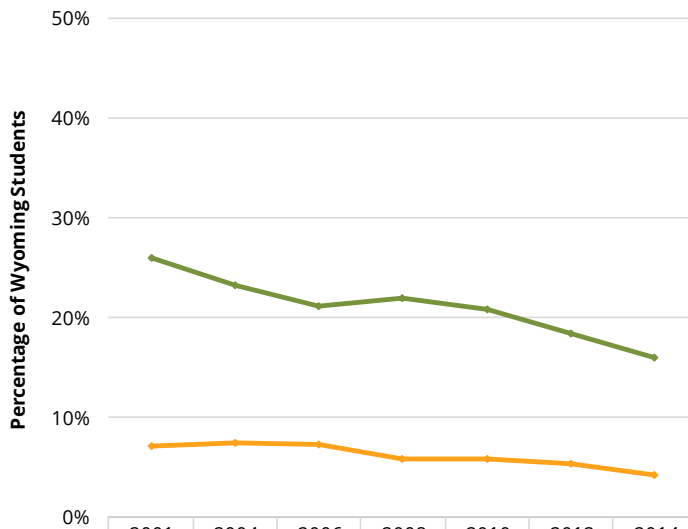
	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
Wyoming	40%	37%	35%	28%	26%	23%	21%	22%	22%	17%	16%
95% Upper C.I.	42%	42%	39%	31%	30%	25%	23%	24%	25%	20%	19%
95% Lower C.I.	37%	33%	31%	26%	22%	21%	19%	20%	19%	15%	13%
National	35%	36%	35%	29%	22%	23%	20%	20%	18%	16%	11%



# Current Smoking

## Youth by School Level & Grade

## TOBACCO CONSUMPTION



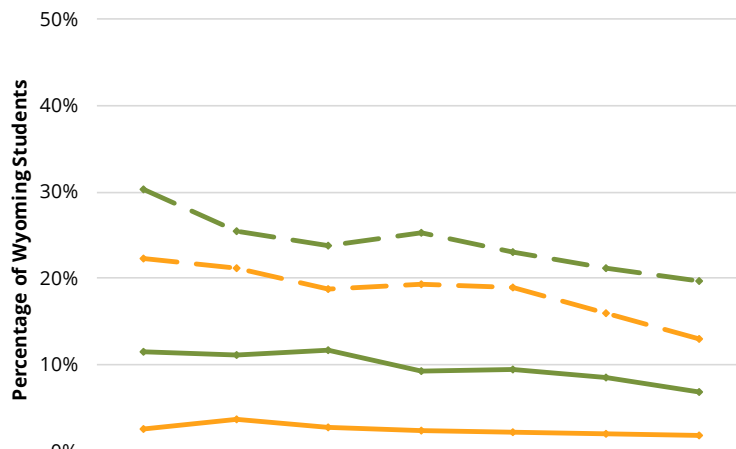
**Chart 72: Past 30-Day Cigarette Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported smoking a cigarette on one or more occasions in the past 30 days.

**Data Source:**

PNA 2001–2014



**Chart 73: Past 30-Day Cigarette Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported smoking a cigarette on one or more occasions in the past 30 days.

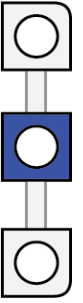
**Data Source:**

PNA 2001–2014

## TOBACCO CONSUMPTION

## Current Smoking

### Youth by Gender



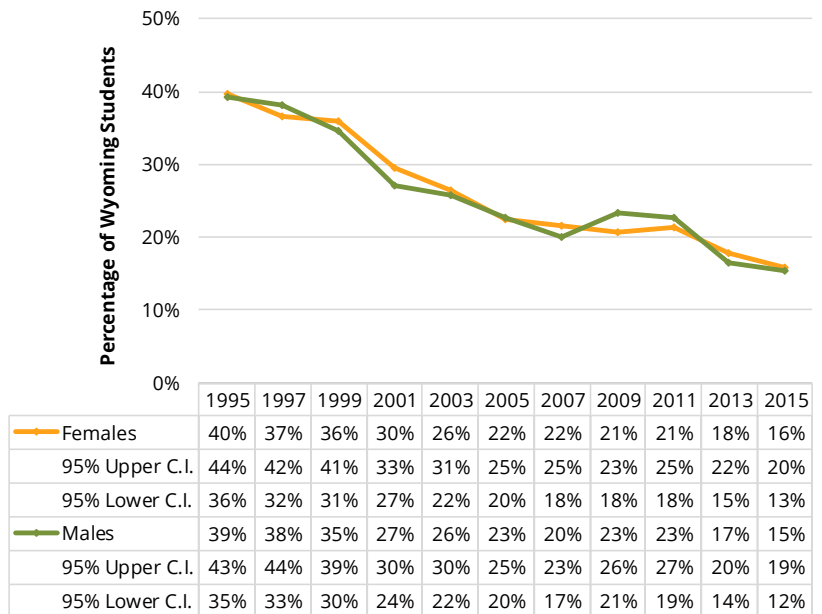
**Chart 74: Past Month Cigarette Use (Females and Males)**

**Definition:**

The percentage of Wyoming high school students who reported smoking a cigarette on one or more occasions in the past 30 days.

**Data Source:**

YRBS 1995–2015



\*\*\*\*\*YRBS data not comparable to PNA data\*\*\*\*\*

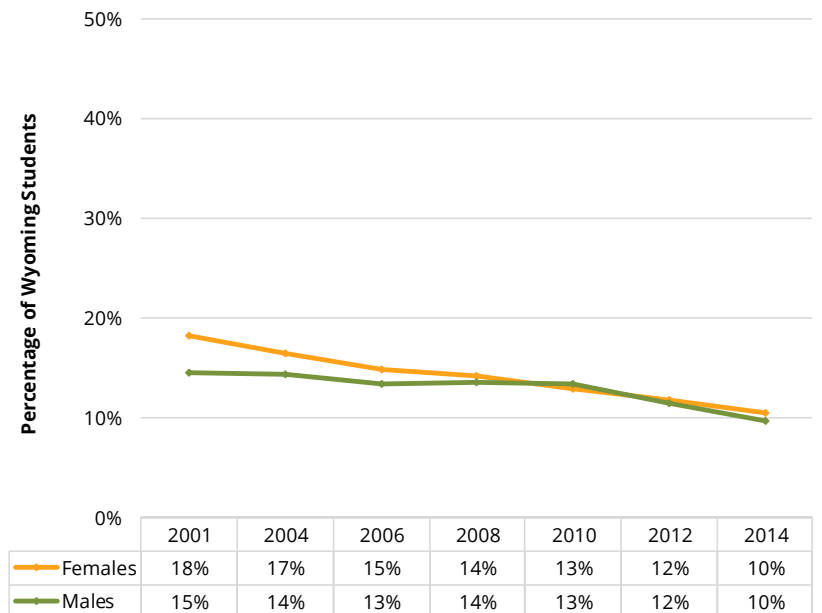
**Chart 75: Past 30-Day Cigarette Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported smoking a cigarette on one or more occasions in the past 30 days.

**Data Source:**

PNA 2001–2014

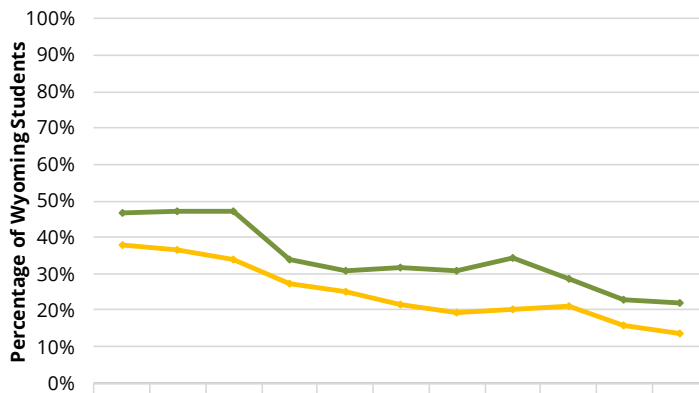




# Current Smoking

## Youth by Race/Ethnicity

## TOBACCO CONSUMPTION



**Chart 76: Past Month Cigarette Use (Grades 9 through 12, Ethnicity)**

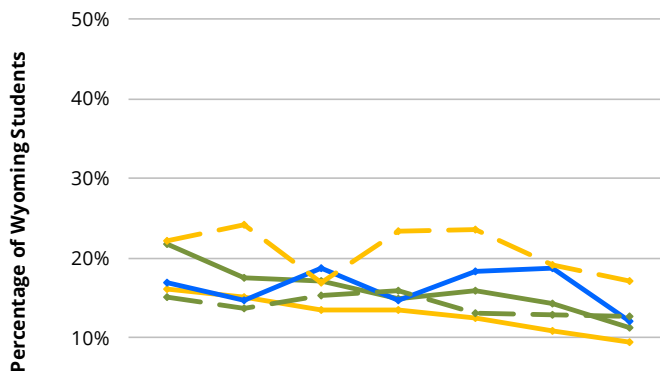
**Definition:**

The percentage of Wyoming students who reported smoking a cigarette on one or more occasions in the past 30 days.

**Data Source:**

YRBS 1995–2015

\*\*\*\*\*YRBS data not comparable to PNA data\*\*\*\*\*



**Chart 77: Past 30-Day Cigarette Use (Race/Ethnicity)**

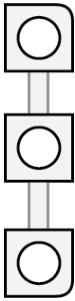
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported smoking a cigarette on one or more occasions in the past 30 days.

**Data Source:**

PNA 2001–2014



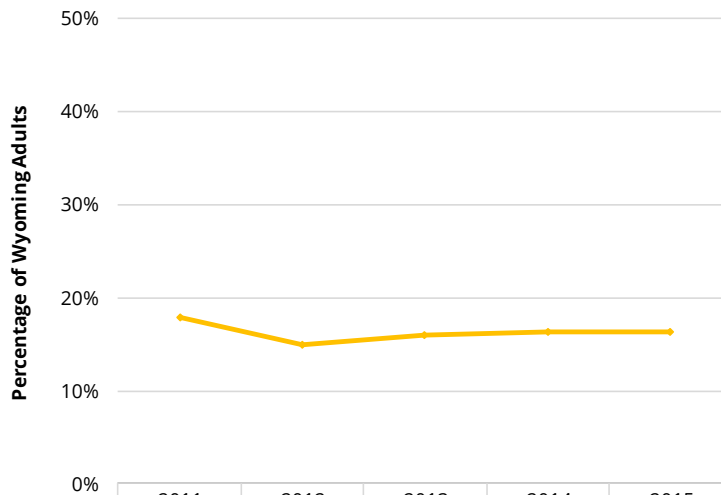




# Smokeless Tobacco

## Adult Males

## TOBACCO CONSUMPTION



**Chart 78: Current Smokeless Tobacco Users (Adult Males)**

**Definition:**

The percentage of Wyoming men who reported currently using smokeless tobacco.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Adult Males	18%	15%	16%	16%	16%
95% Upper C.I.	19%	17%	18%	19%	19%
95% Lower C.I.	16%	13%	14%	14%	14%

Note: A large gender disparity exists in smokeless tobacco use. Consistently 3% or less of adult women in Wyoming report using smokeless tobacco. The use rates by males is much higher. Given this disparity, the SEOW chose to prioritize male smokeless use for continued surveillance.

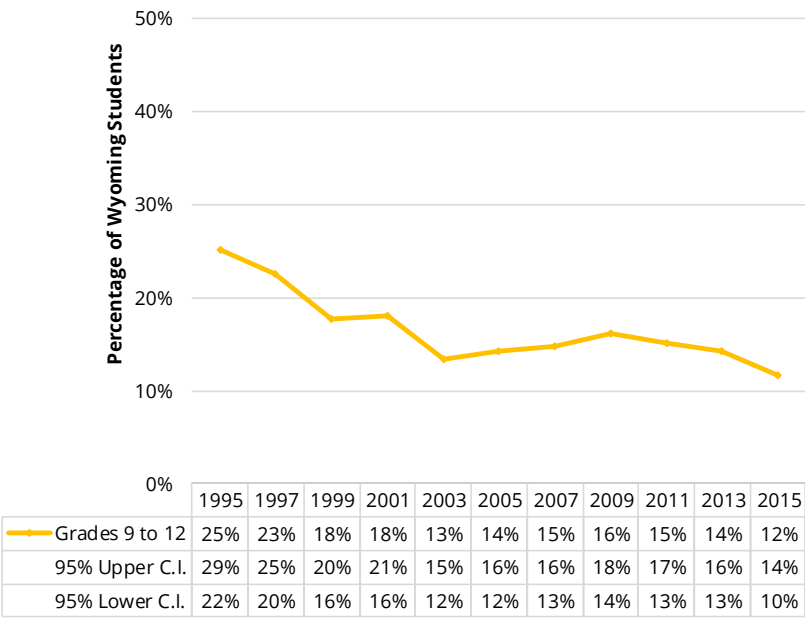
TOBACCO  
CONSUMPTION

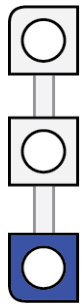
Smokeless Tobacco  
Youth  
by School Level

Chart 79: Past Month  
Smokeless Tobacco Use (Grades  
9 through 12)

**Definition:**  
The percentage of Wyoming  
students who reported using  
chewing tobacco, snuff, or dip on  
at least one day during the 30  
days before the survey.

**Data Source:**  
YRBS 1995–2015





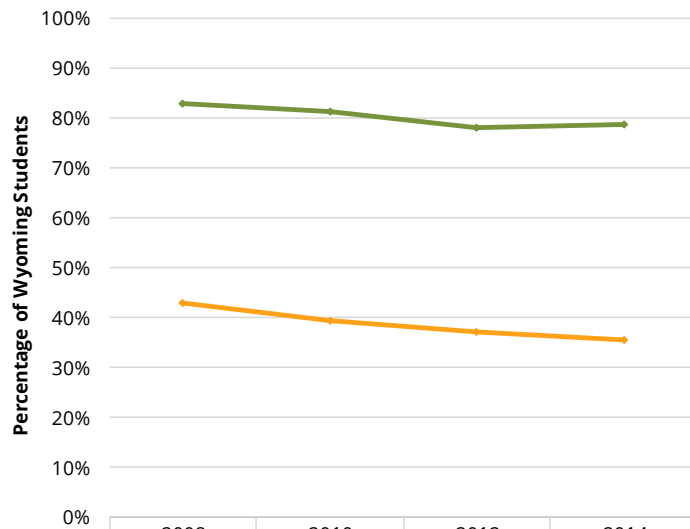
## Social Norms:

## Chewing Tobacco Use

### Youth

### by School Level

## TOBACCO RISK/PROTECTIVE FACTOR



**Chart 80: Social Norms: Past 30-Day Chewing Tobacco Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school used chewing tobacco at least once in the past 30 days.

**Data Source:**

PNA 2008-2014

	2008	2010	2012	2014
Grades 6 and 8	43%	39%	37%	36%
Grades 10 and 12	83%	81%	78%	79%

## TOBACCO RISK/PROTECTIVE FACTOR

## Social Norms: Chewing Tobacco Use Youth by Gender & Race/Ethnicity

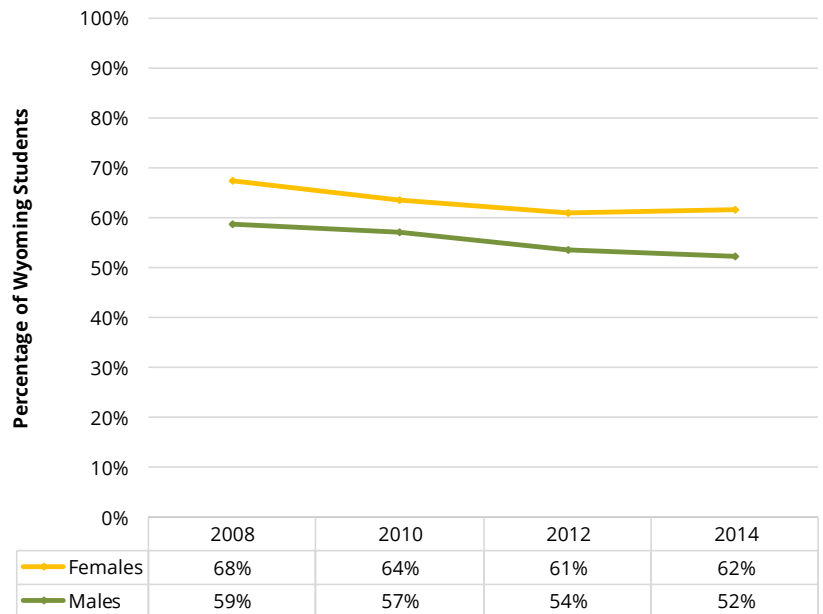
**Chart 81: Social Norms: Past 30-Day Chewing Tobacco Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used chewing tobacco at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



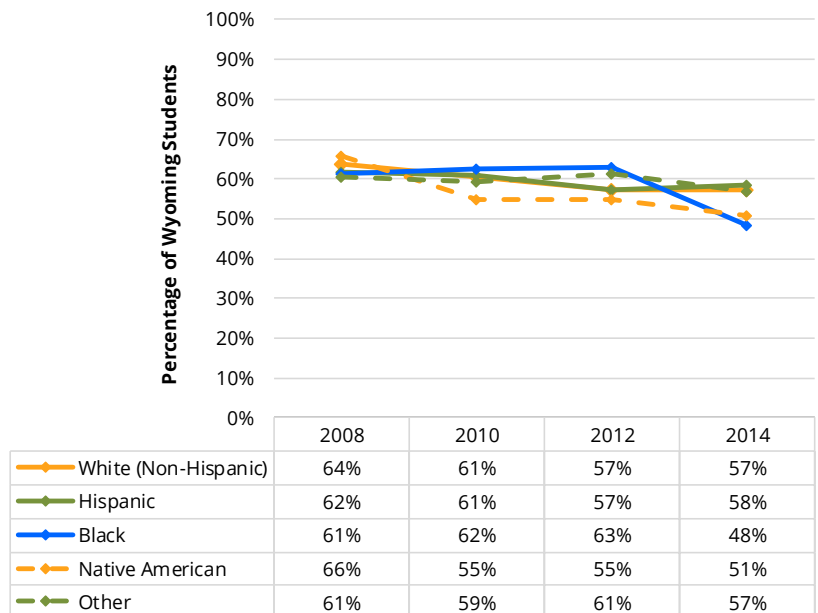
**Chart 82: Social Norms: Past 30-Day Chewing Tobacco Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used chewing tobacco at least once in the past 30 days.

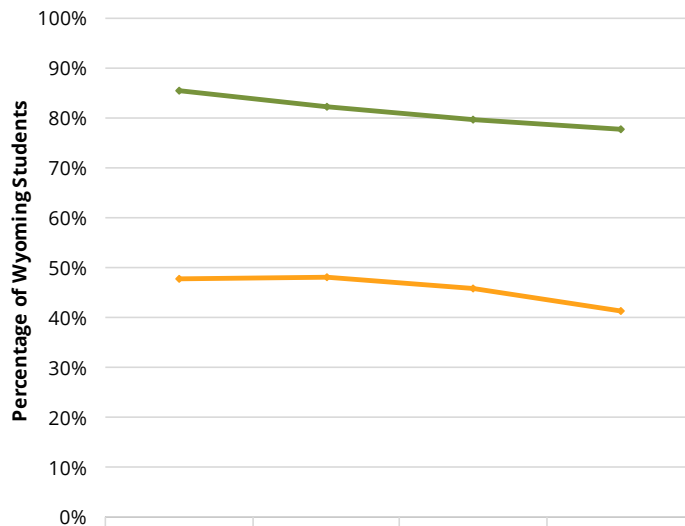
**Data Source:**

PNA 2008-2014



# Social Norms: Youth Cigarette Use Youth by Grade

## TOBACCO RISK/PROTECTIVE FACTOR



**Chart 83: Social Norms: Past 30-Day Cigarette Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school smoked at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



**Chart 84: Social Norms: Past 30-Day Cigarette Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school smoked at least once in the past 30 days.

**Data Source:**

PNA 2008-2014

## TOBACCO RISK/PROTECTIVE FACTOR

## Social Norms: Youth Cigarette Use Youth by Gender & Race/Ethnicity

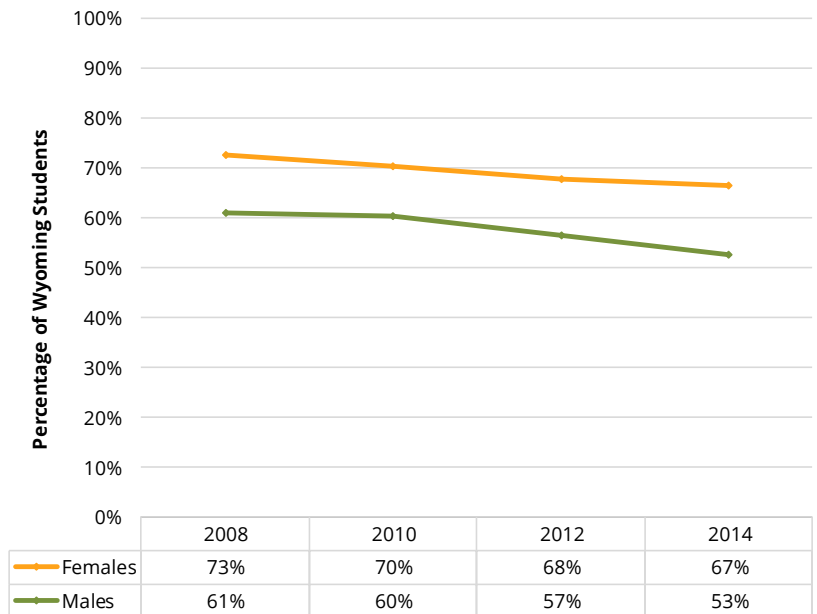
**Chart 85: Social Norms: Past 30-Day Cigarette Use (Females and Males)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school smoked at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



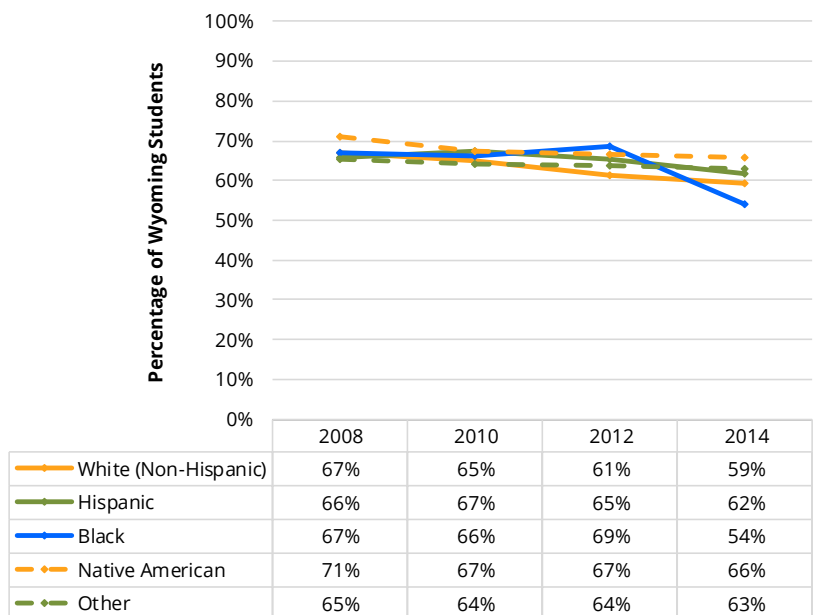
**Chart 86: Social Norms: Past 30-Day Cigarette Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school smoked at least once in the past 30 days.

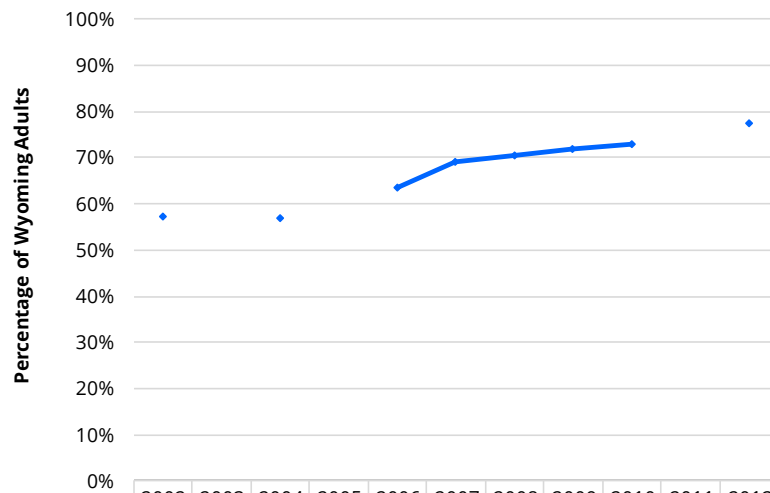
**Data Source:**

PNA 2008-2014



# Smokefree Environments Adults

## TOBACCO RISK/PROTECTIVE FACTOR



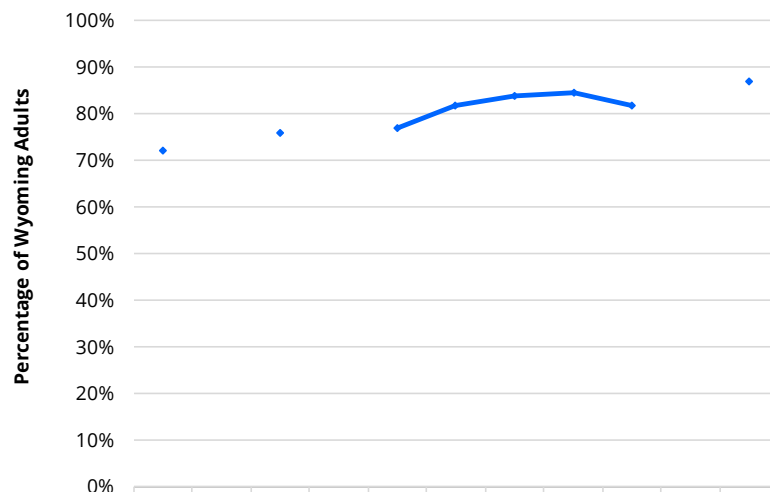
**Chart 87: In Support of  
Smokefree Restaurants**

**Definition:**

The percentage of Wyoming adults who say that smoking indoors in restaurants should never be allowed.

**Data Source:**

ATS 2002, 2004, 2006-2010, 2012



**Chart 88: Prevalence of  
Smokefree Homes**

**Definition:**

The percentage of Wyoming adults who say that smoking anywhere in their home is never allowed.

**Data Source:**

ATS 2002, 2004, 2006-2010, 2012



## TOBACCO RISK/PROTECTIVE FACTOR

# Smokefree Environments Adults

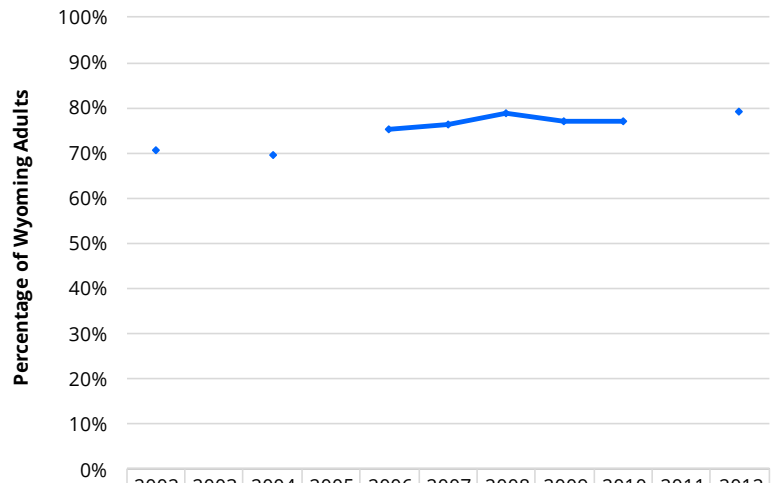
**Chart 89: In Support of  
Smokefree Workplaces**

**Definition:**

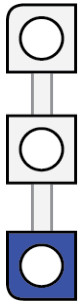
The percentage of Wyoming adults who say that smoking anywhere in the workplace should never be allowed.

**Data Source:**

ATS 2002, 2004, 2006-2010, 2012



	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Wyoming	71%	—	70%	—	75%	76%	79%	77%	77%	—	79%
95% Upper C.I.	73%	—	72%	—	77%	78%	80%	79%	79%	—	81%
95% Lower C.I.	69%	—	68%	—	73%	75%	77%	75%	75%	—	77%

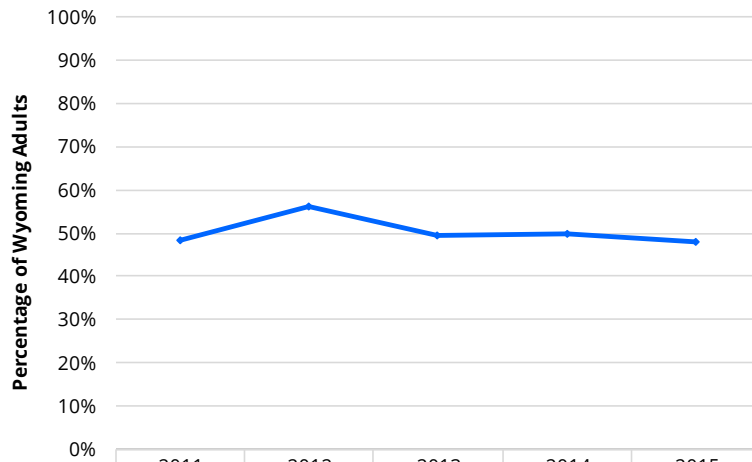


# Smokers Who Quit

## One or More Days

### Adults

## TOBACCO RISK/PROTECTIVE FACTOR



**Chart 90: Daily Smokers Who Quit One or More Days in the Past Year**

**Definition:**

The percentage of Wyoming adult daily smokers who report having quit smoking one day or longer in the past year because they were trying to quit. Denominator is Wyoming adults who smoke every day.

**Data Source:**

BRFSS 2011–2015

	2011	2012	2013	2014	2015
Wyoming	48%	56%	49%	50%	48%
95% Upper C.I.	53%	61%	54%	56%	54%
95% Lower C.I.	44%	51%	44%	44%	42%

## TOBACCO RISK/PROTECTIVE FACTOR

# Smokers Who Quit One or More Days Adults by Gender

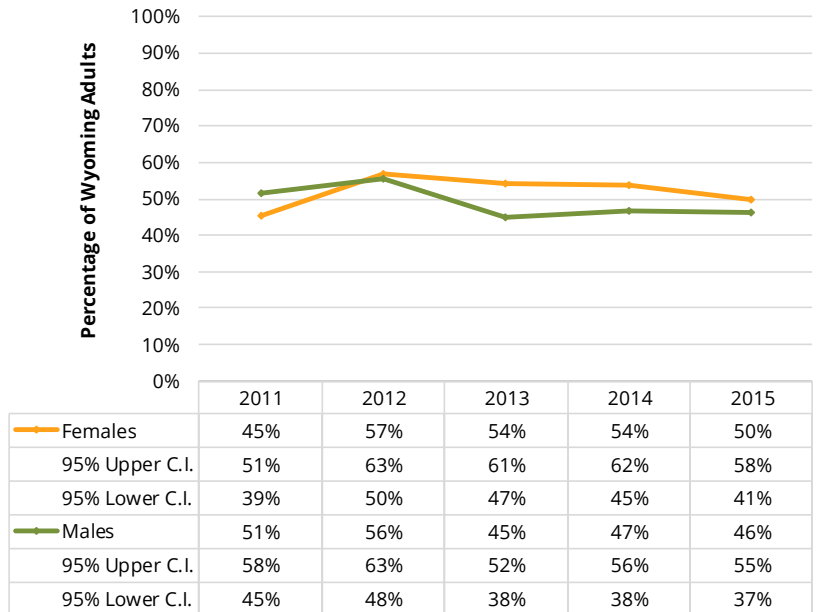
**Chart 91: Daily Smokers Who Quit One or More Days in the Past Year (Females and Males)**

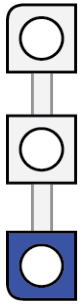
**Definition:**

The percentage of Wyoming adult daily smokers who report having quit smoking one day or longer in the past year because they were trying to quit. Denominator is Wyoming adults who smoke every day.

**Data Source:**

BRFSS 2011–2015



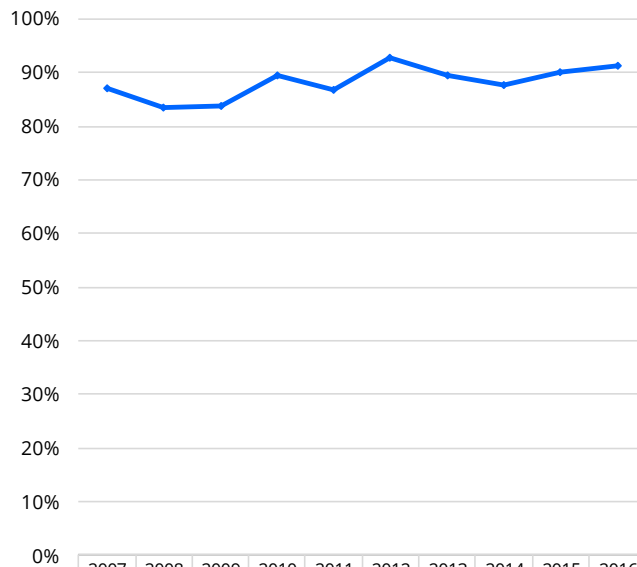


# Tobacco

## Compliance Rate

### TOBACCO RISK/PROTECTIVE FACTOR

Percentage of Failed Youth Tobacco Purchases in Wyoming



**Chart 92: Tobacco Compliance Rate**

**Definition:**

The percentage of Wyoming retailers who were compliant with tobacco sales regulations.

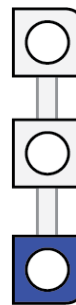
**Data Source:**

WASCOP-CC 2007-2016

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Tobacco Compliance Rate	87%	83%	84%	90%	87%	93%	90%	88%	90%	91%

**TOBACCO  
RISK/PROTECTIVE FACTOR**

**Cigarette Sales to  
Underage Buyers  
Youth**



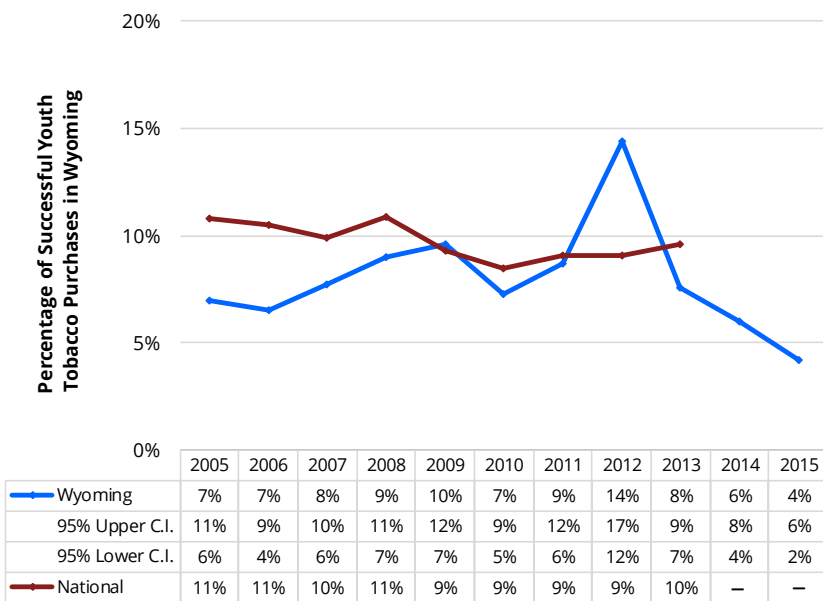
**Chart 93: Wyoming Cigarette Sales Violation Rate to Underage Buyers**

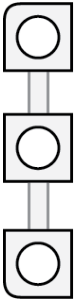
**Definition:**

The percentage of Wyoming retailers who were not compliant with tobacco sales regulations.

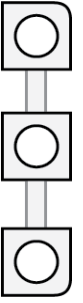
**Data Source:**

Synar 2005–2015





# Illicit (Illegal) Drugs



## Included Variables

Indicator	Data Source	Page
<b>Consequence</b>		
Drug-Related Mortality	CDC WONDER	72
Drug Abuse Violations	UCR	74
<b>Prevalence/Consumption</b>		
Illicit Drug Use	NSDUH	76
	PNA	77
Marijuana Use	YRBS	78
	PNA	80
Cocaine Use	YRBS	81
	PNA	81
Inhalants	PNA	82
<b>Risk/Protective Factors</b>		
Social Norms: Illicit Drug Use	PNA	84
Social Norms: Marijuana Use	PNA	86

### Color and Shade Conventions

- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

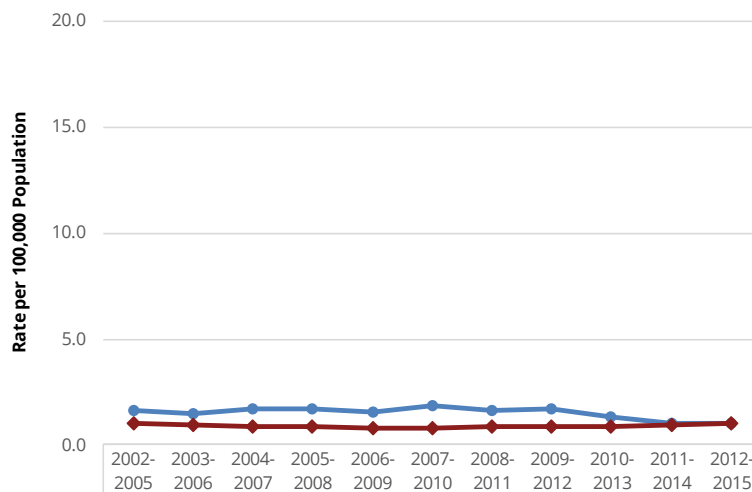
### Page Guide Legend



# Drug-Related Mortality

## by Cause of Death

## ILLICIT DRUGS CONSEQUENCES



**Chart 94: Wyoming Illicit Drug Related Deaths—Malnutrition**

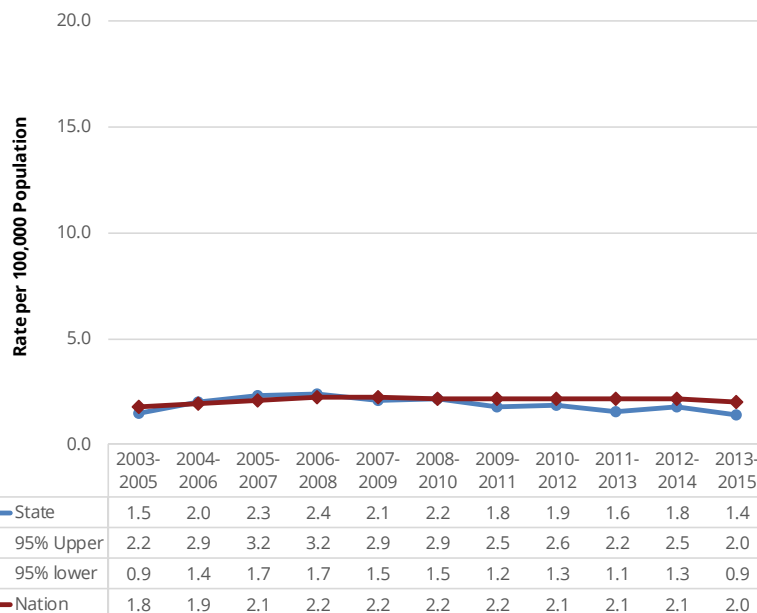
**Definition:**

Age adjusted death rates per 100,000 population due to malnutrition.

Aggregate of ICD-10 Codes: E40-E46.

**Data Source:**

CDC WONDER 2003-2015



**Chart 95: Wyoming Illicit Drug Related Deaths—Viral Hepatitis**

**Definition:**

Age adjusted death rates per 100,000 population due to viral hepatitis.

Aggregate of ICD-10 Codes: B15-B19.

**Data Source:**

CDC Wonder 2003-2015



## ILLICIT DRUGS CONSEQUENCES

# Drug-Related Mortality

## by Cause of Death

**Chart 96: Drug-Poisoning Deaths**

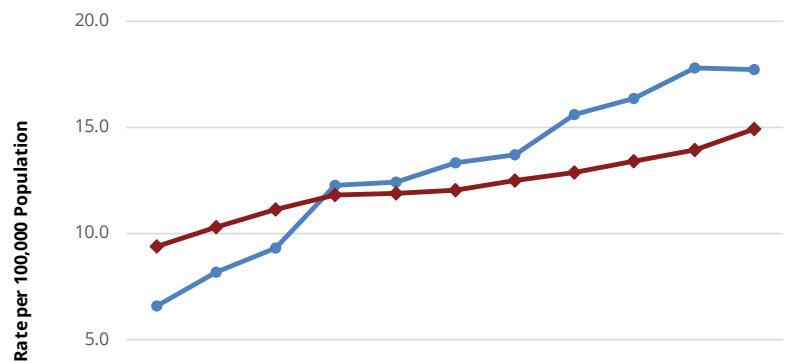
**Definition:**

Age adjusted death rates per 100,000 population for drug poisonings.

Aggregate of ICD-10 Codes: X40–X44, X60–X64, X85, and Y10–Y14.

**Data Source:**

CDC WONDER 2003-2015



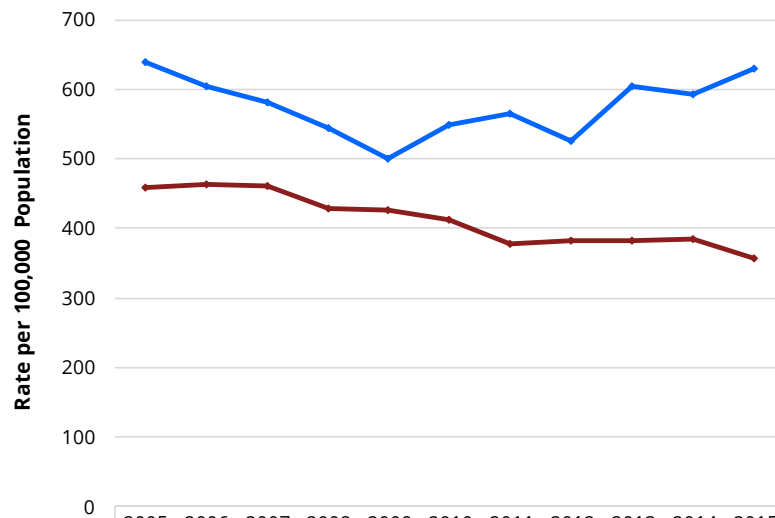
	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010	2009-2011	2010-2012	2011-2013	2012-2014	2013-2015
State	6.6	8.2	9.3	12.3	12.4	13.3	13.7	15.6	16.4	17.8	17.7
95% Upper	7.9	9.7	10.8	14.1	14.2	15.1	15.5	17.5	18.4	19.8	19.8
95% lower	5.3	6.8	7.7	10.5	10.6	11.5	11.9	13.7	14.4	15.7	15.7
Nation	9.4	10.3	11.1	11.8	11.9	12.0	12.5	12.9	13.4	13.9	14.9

# Drug Abuse Violation

## Arrests

### Adults and Youth

## ILLICIT DRUGS CONSEQUENCES



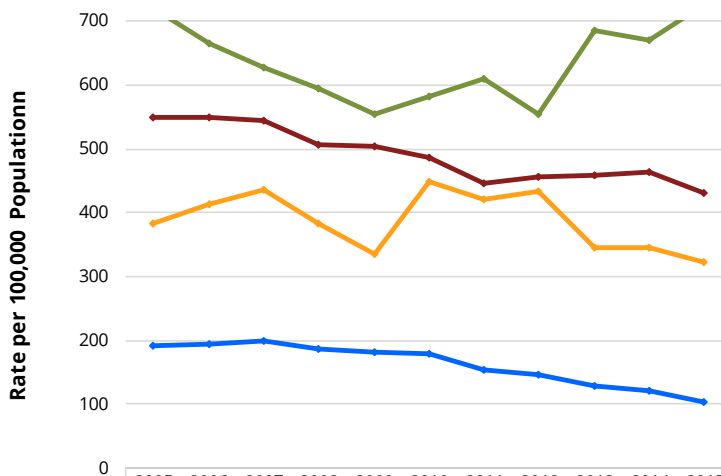
**Chart 97: Total Drug Abuse Violation Arrests**

**Definition:**

The arrest rate per 100,000 population for national and state offenses relating to narcotic drugs, such as unlawful possession, sale, use, growing, and manufacturing of narcotic drugs.

**Data Source:**

UCR 2005–2015  
(Data also available from DCI)



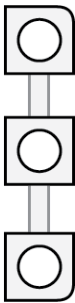
**Chart 98: Drug Abuse Violation Arrests (Adults and Youth)**

**Definition:**

The arrest rate per 100,000 population for national and state offenses relating to narcotic drugs, such as unlawful possession, sale, use, growing, and manufacturing of narcotic drugs.

**Data Source:**

UCR 2005–2015  
(Data also available from DCI)

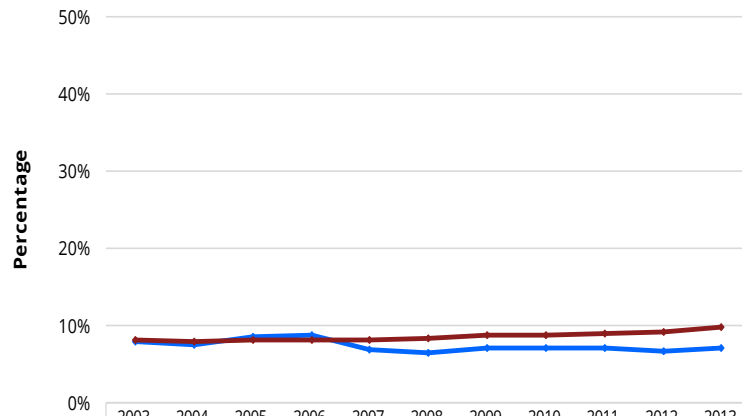




# Illicit Drug Use

## Adults and Youth

## ILLICIT DRUGS CONSUMPTION



**Chart 99: Past Month Illicit Drug Use (Ages 12+)**

**Definition:**

The percentage of people reporting illicit drug use in the past 30 days.

**Data Source:**

NSDUH 2004–2014

	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Wyoming	8%	8%	9%	9%	7%	6%	7%	7%	7%	7%	7%
95% Upper C.I.	9%	9%	10%	10%	8%	8%	8%	9%	8%	8%	8%
95% Lower C.I.	7%	6%	7%	7%	6%	5%	6%	6%	6%	6%	6%
National	8%	8%	8%	8%	8%	8%	9%	9%	9%	9%	10%

## ILLICIT DRUGS CONSUMPTION

## Illicit Drug Use Youth School Level by Substance



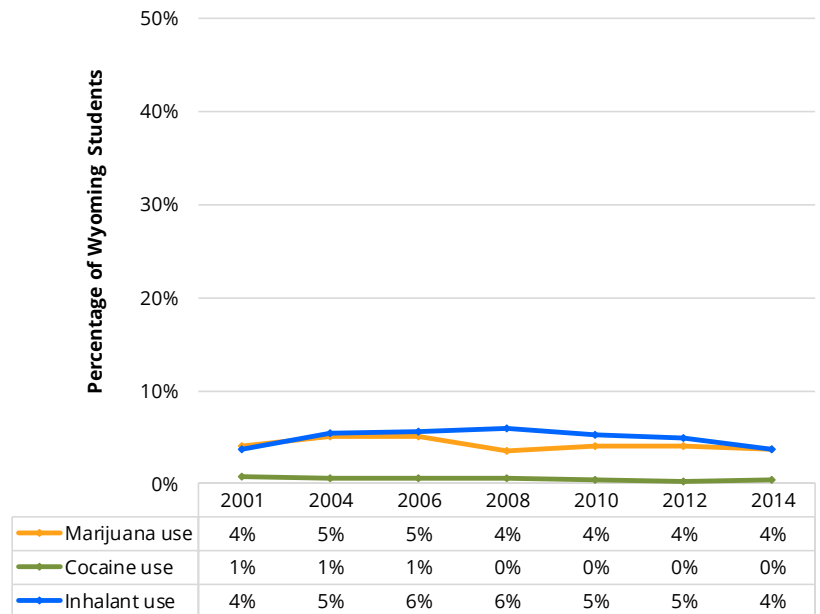
**Chart 100: Wyoming Students' Illicit Drug Use (Grades 6 and 8)**

**Definition:**

The percentage of Wyoming middle school students who reported using marijuana, cocaine or inhalants in the 30 days before the survey.

**Data Source:**

PNA 2001–2014



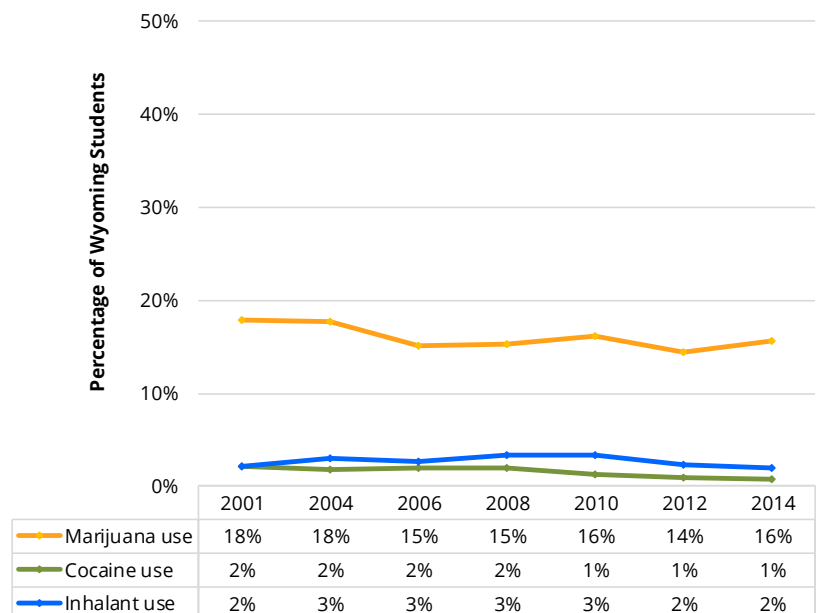
**Chart 101: Wyoming Students' Illicit Drug Use (Grades 10 and 12)**

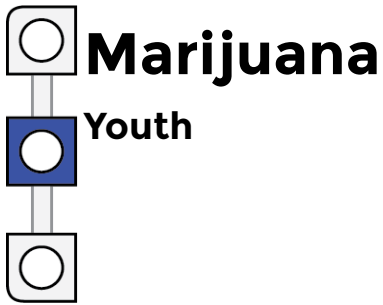
**Definition:**

The percentage of Wyoming high school students who reported using marijuana, cocaine or inhalants in the 30 days before the survey.

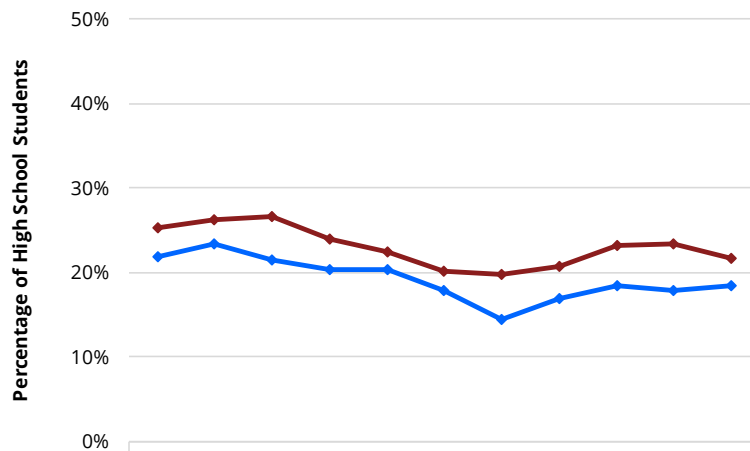
**Data Source:**

PNA 2001–2014





## ILLICIT DRUGS CONSUMPTION



**Chart 102: Students' Past Month Marijuana Use (Grades 9 through 12)**

**Definition:**

The percentage of high school students who reported using marijuana one or more times during the 30 days before the survey.

**Data Source:**

YRBS 1995–2015

	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015
Wyoming	22%	23%	21%	20%	20%	18%	14%	17%	19%	18%	18%
95% Upper C.I.	24%	28%	25%	23%	23%	20%	16%	19%	21%	19%	22%
95% Lower C.I.	20%	19%	18%	18%	17%	16%	13%	15%	16%	16%	15%
National	25%	26%	27%	24%	22%	20%	20%	21%	23%	23%	22%

## ILLICIT DRUGS CONSUMPTION

## Marijuana

### Youth by Gender

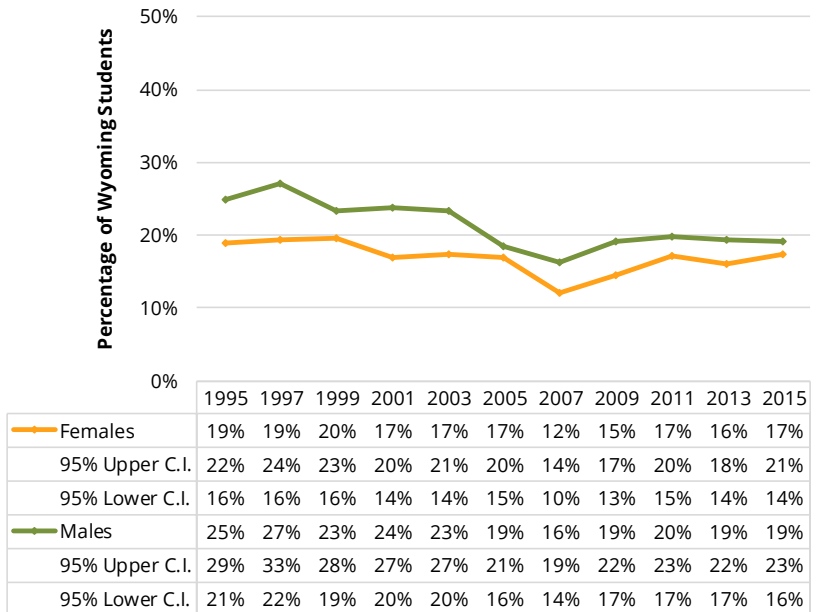
**Chart 103: Wyoming Students' Past Month Marijuana Use (Females and Males)**

**Definition:**

The percentage of Wyoming high school students who reported using marijuana one or more times during the 30 days before the survey.

**Data Source:**

YRBS 1995–2015



\*\*\*\*\*YRBS data not comparable to PNA data\*\*\*\*\*

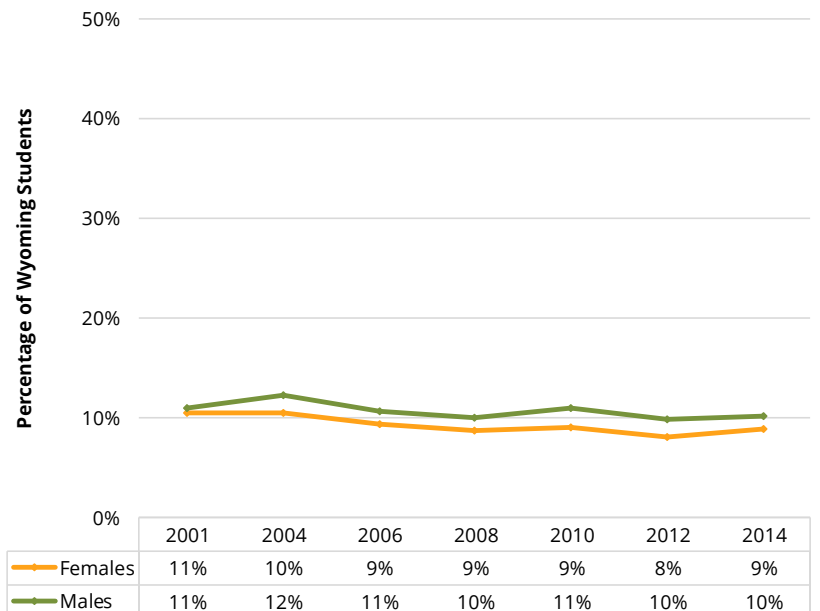
**Chart 104: Wyoming Students' 30-Day Marijuana Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using marijuana one or more times during the 30 days before the survey.

**Data Source:**

PNA 2001–2014

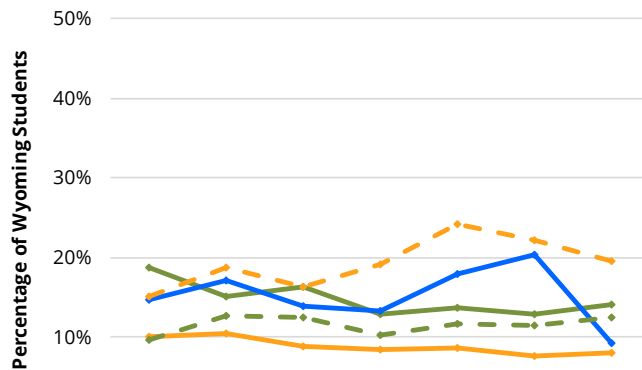




# Marijuana

## Youth by Race/Ethnicity

## ILLICIT DRUGS CONSUMPTION



	2001	2004	2006	2008	2010	2012	2014
White (Non-Hispanic)	10%	10%	9%	8%	9%	8%	8%
Hispanic	19%	15%	16%	13%	14%	13%	14%
Black	15%	17%	14%	13%	18%	20%	9%
American Indian	15%	19%	16%	19%	24%	22%	20%
Other	10%	13%	12%	10%	12%	11%	12%

**Chart 105: Wyoming Students' 30-Day Marijuana Use (Race/Ethnicity)**

**Definition:**

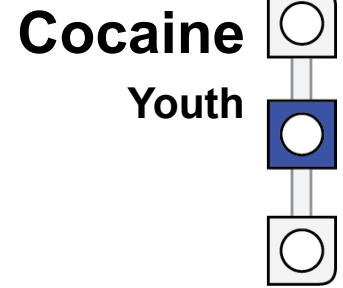
The percentage of Wyoming students in grade 6, 8, 10, and 12 who reported using marijuana one or more times during the 30 days before the survey.

**Data Source:**

PNA 2001–2014



## ILLICIT DRUGS CONSUMPTION



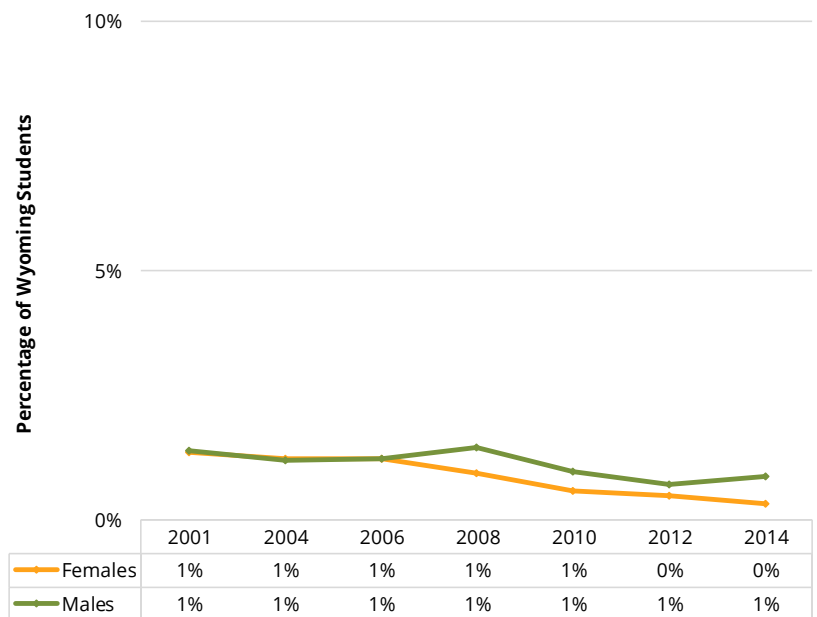
**Chart 106: Wyoming Students' 30-Day Cocaine Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using any form of cocaine, or crack one or more times during the 30 days before the survey.

**Data Source:**

PNA 2001–2014



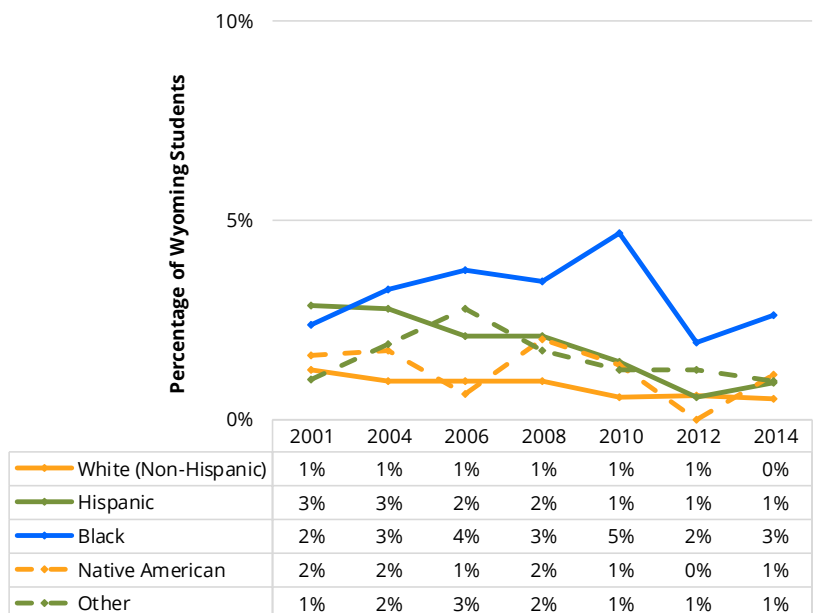
**Chart 107: Wyoming Students' 30-Day Cocaine Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using any form of cocaine, or crack one or more times during the 30 days before the survey.

**Data Source:**

PNA 2001–2014





# Inhalants

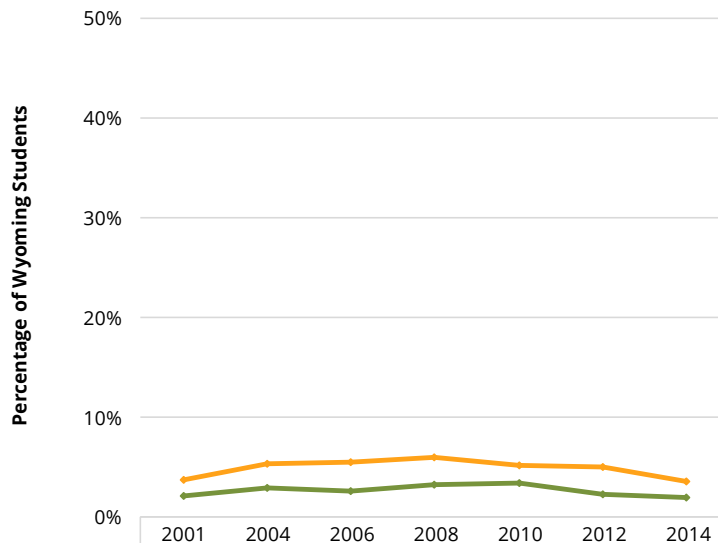


## Youth

### by School Level



## ILLICIT DRUGS CONSUMPTION



**Chart 108: Wyoming Students' 30-Day Inhalant Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported using an inhalant in the past 30 days on one or more occasions.

**Data Source:**

PNA 2001–2014

## ILLICIT DRUGS CONSUMPTION

## Inhalants

### Youth by Gender



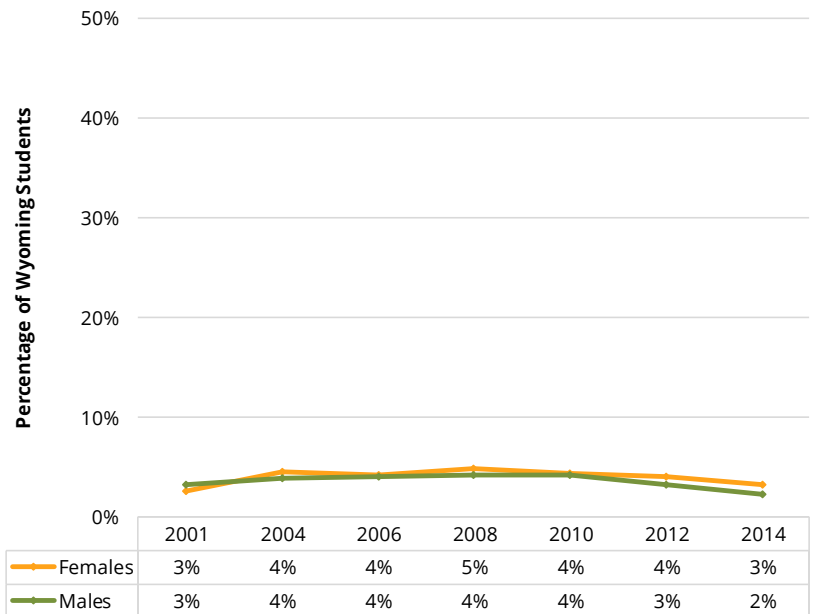
**Chart 109: Wyoming Students' 30-Day Inhalant Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using an inhalant in the past 30 days on one or more occasions.

**Data Source:**

PNA 2001–2014



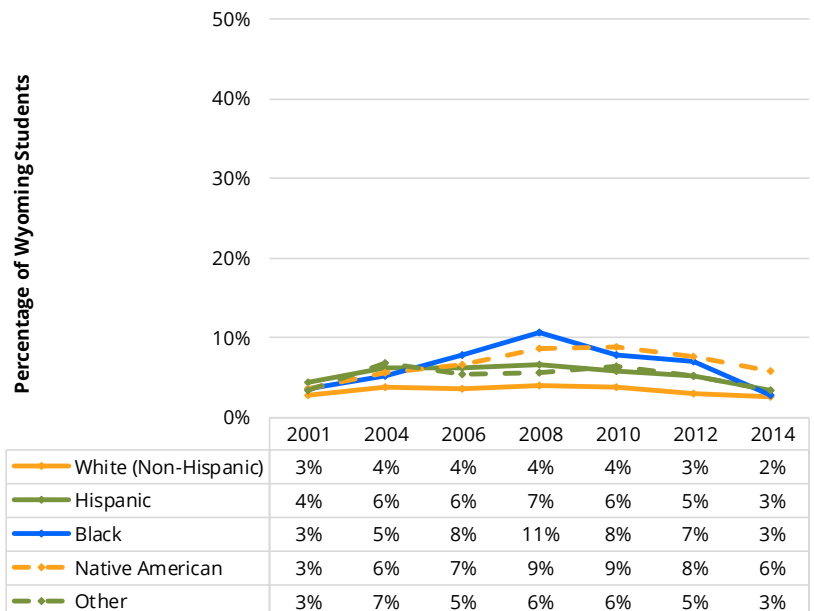
**Chart 110: Wyoming Students' 30-Day Inhalant Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students who in grades 6, 8, 10, and 12 reported using an inhalant in the past 30 days on one or more occasions.

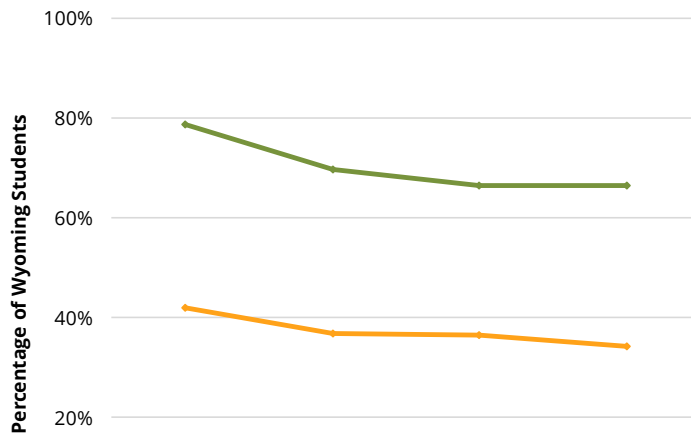
**Data Source:**

PNA 2001–2014



# Social Norms: Illicit Drug Use Youth by School Level & Grade

## ILLICIT DRUGS RISK/PROTECTIVE FACTORS



**Chart 111: Social Norm: 30-Day Illicit Drug Use (Grades 6 and 8, 10 and 12)**

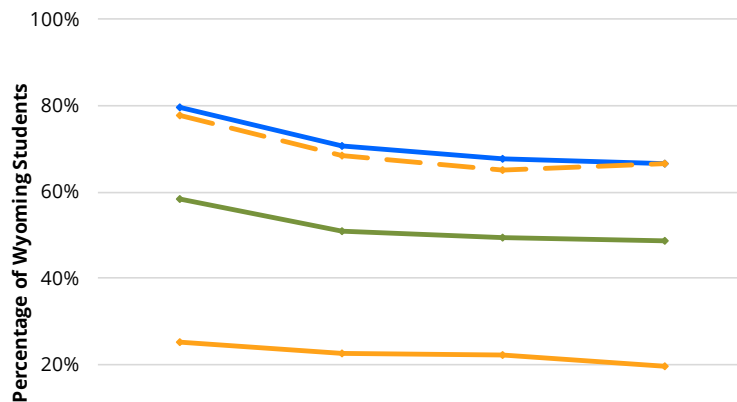
**Definition:**

The percentage of Wyoming students who thought that most students in their school used illicit drugs at least once in the past 30 days.

**Data Source:**

PNA 2008-2014

	2008	2010	2012	2014
Grades 6 and 8	42%	37%	36%	34%
Grades 10 and 12	79%	70%	67%	67%



**Chart 112: Social Norm: 30-Day Illicit Drug Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used illicit drugs at least once in the past 30 days.

**Data Source:**

PNA 2008-2014

	2008	2010	2012	2014
Grade 6	25%	23%	22%	20%
Grade 8	58%	51%	49%	49%
Grade 10	80%	71%	68%	67%
Grade 12	78%	69%	65%	67%

## ILLICIT DRUGS RISK/PROTECTIVE FACTORS

## Social Norms: Illicit Drug Use Youth by Gender & Race/Ethnicity

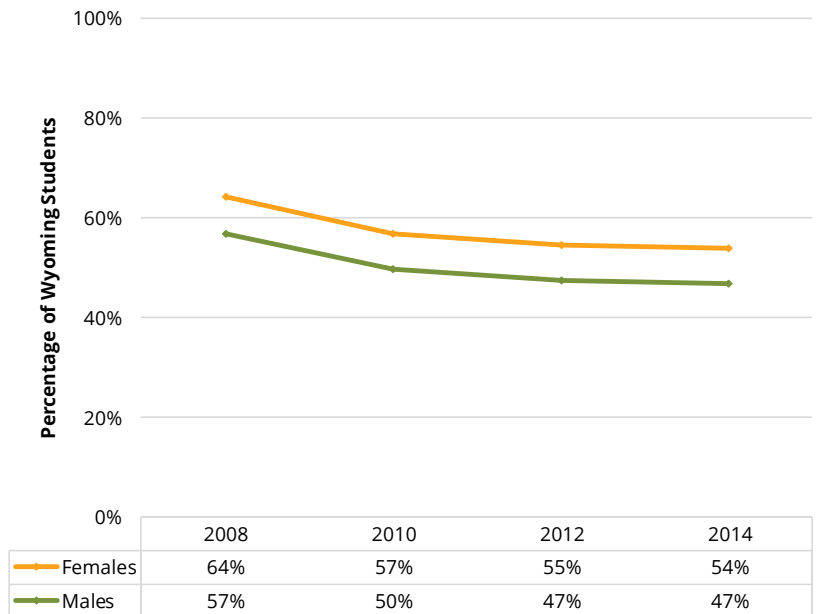
**Chart 113: Social Norm: 30-Day  
Illicit Drug Use (Females and  
Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used illicit drugs at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



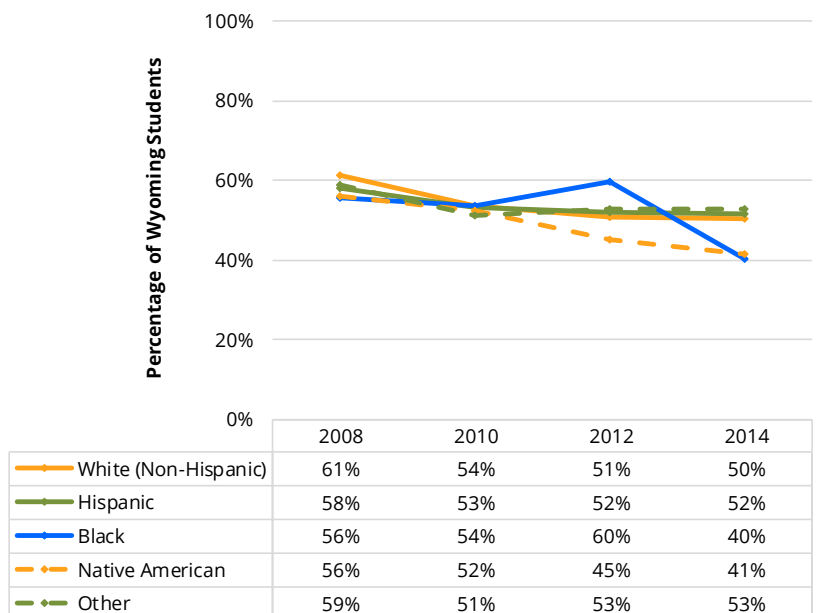
**Chart 114: Social Norm: 30-Day  
Illicit Drug Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used illicit drugs at least once in the past 30 days.

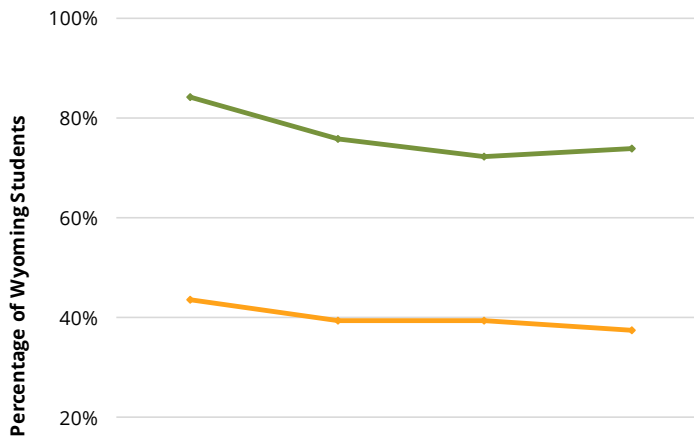
**Data Source:**

PNA 2008-2014



# Social Norms: Marijuana Use Youth by School Level & Grade

## ILLICIT DRUGS RISK/PROTECTIVE FACTORS



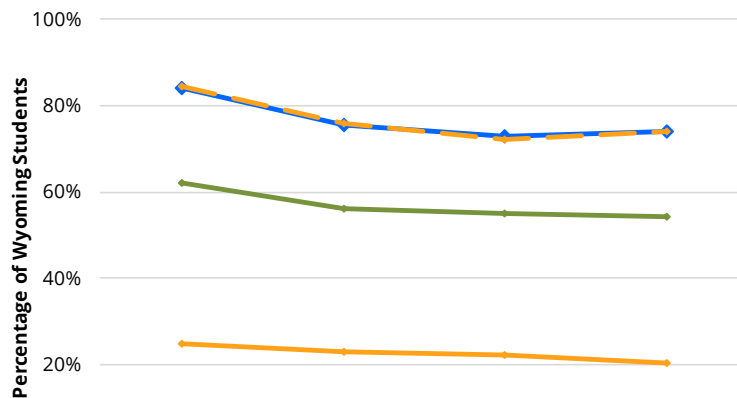
**Chart 115: Social Norm: 30-Day Marijuana Use (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who thought that most students in their school used marijuana at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



**Chart 116: Social Norm: 30-Day Marijuana Use (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used marijuana at least once in the past 30 days.

**Data Source:**

PNA 2008-2014

## ILLICIT DRUGS RISK/PROTECTIVE FACTORS

## Social Norms: Marijuana Use Youth by Gender & Race/Ethnicity

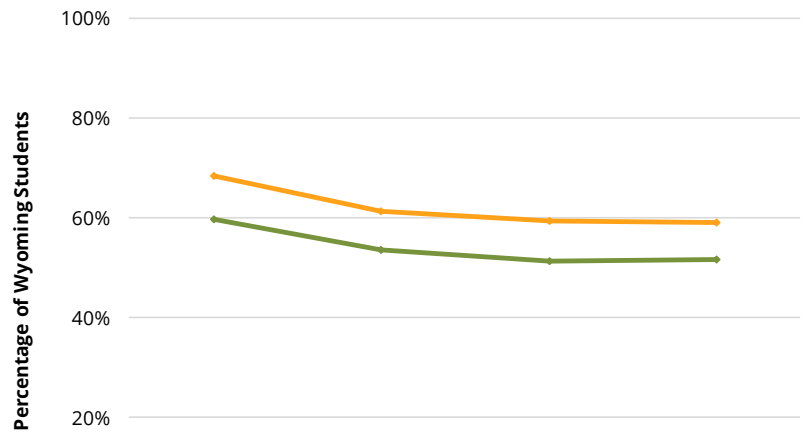
**Chart 117: Social Norm: 30-Day Marijuana Use (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used marijuana at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



	2008	2010	2012	2014
Females	68%	61%	59%	59%
Males	60%	54%	51%	52%

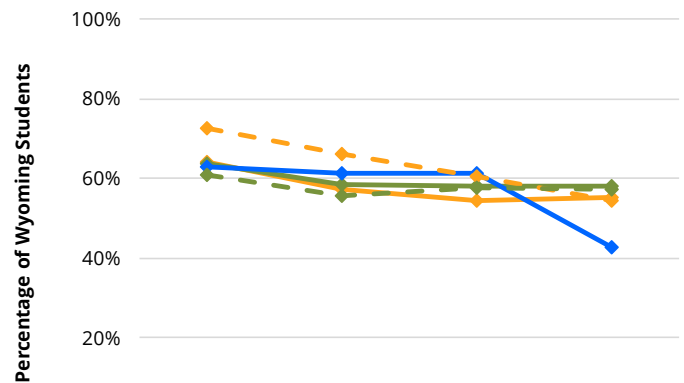
**Chart 118: Social Norm: 30-Day Marijuana Use (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who thought that most students in their school used marijuana at least once in the past 30 days.

**Data Source:**

PNA 2008-2014



	2008	2010	2012	2014
White (Non-Hispanic)	64%	57%	55%	55%
Hispanic	64%	59%	58%	58%
Black	63%	61%	61%	43%
Native American	73%	66%	60%	54%
Other	61%	56%	58%	57%





# Licit (Legal) Drugs



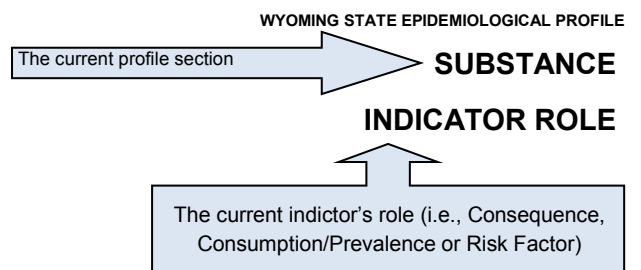
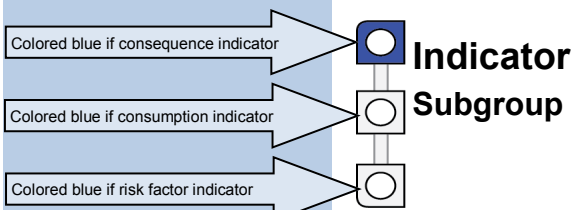
## Included Variables

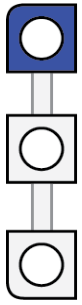
Indicator	Data Source	Page
<b>Consequence</b>		
Prescription Drug-Related Overdoses	WHA	90
<b>Prevalence/Consumption</b>		
Over-the-Counter Drugs	PNA	92
Prescription Drugs	PNA	94
Non-Medical Prescription Drug Use	NSDUH	96
<b>Risk/Protective Factors</b>		
Schedule II Drugs	PDMP	97
Manufacturer Opioid Deliveries to Pharmacies	ARCOS	98

### Color and Shade Conventions

- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

### Page Guide Legend

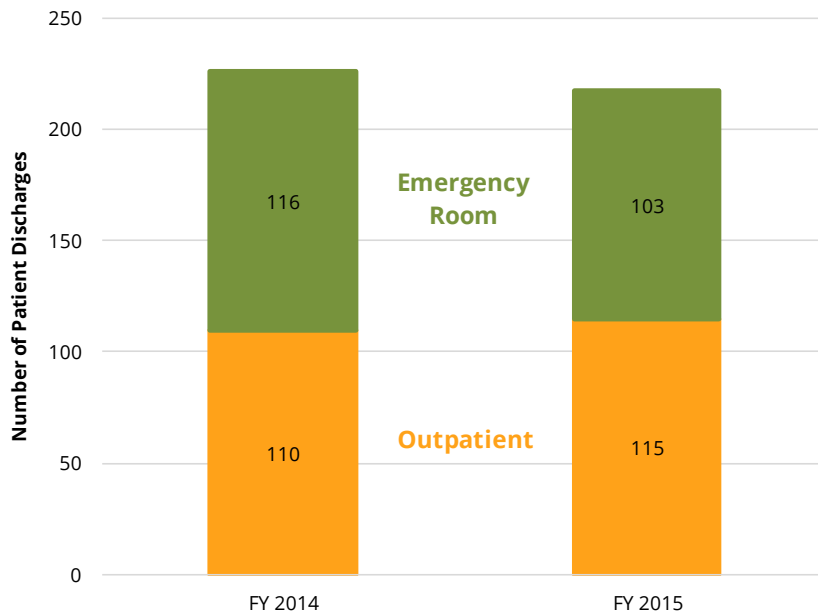




# Opioid Related Overdoses

## Hospital Discharges

## LICIT DRUGS CONSEQUENCES

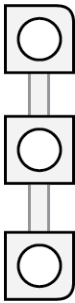


**Chart 119: Wyoming Opioid Drug-Related Poisonings**

**Definition:**

The number of opioid related discharges from Wyoming hospitals. Counts separated by inpatient and emergency room visits.

**Data Source:** WHA, 2014-2015

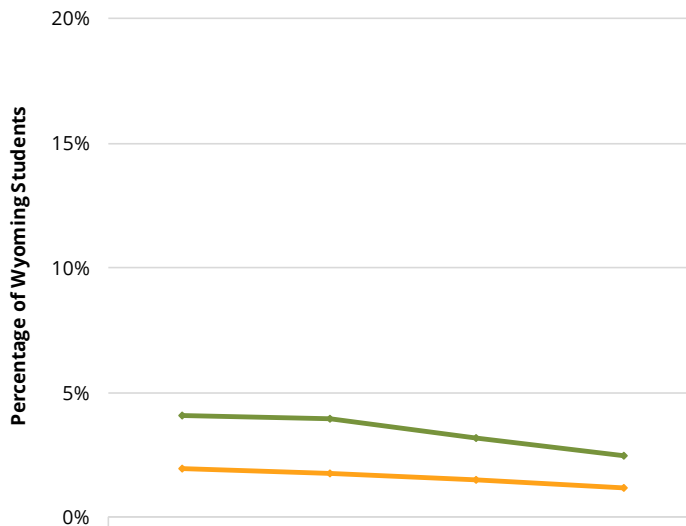


# Over-the-Counter Drugs

## Youth

### by School Level & Grade

## LICIT DRUGS CONSUMPTION



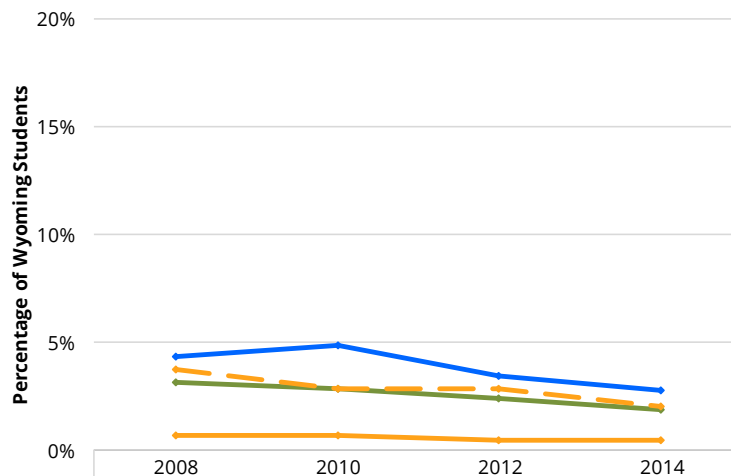
**Chart 120: Wyoming Students' Over-the-Counter (OTC) Medicine Use to Get High Sometime in the Past 30 Days (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported using an OTC medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014



**Chart 121: Wyoming Students' Over-the-Counter Medicine Use to Get High Sometime in the Past 30 Days (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using an OTC medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014

## LICIT DRUGS CONSUMPTION

# Over-the-Counter Drugs Youth by Gender & Race/Ethnicity



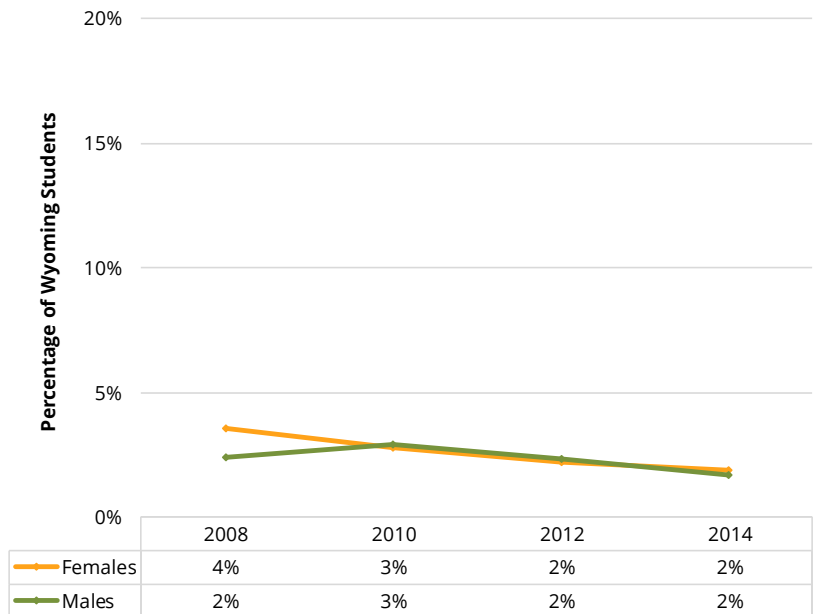
**Chart 122: Wyoming Students' Over-the-Counter Medicine Use to Get High Sometime in the Past 30 Days (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using an OTC medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014



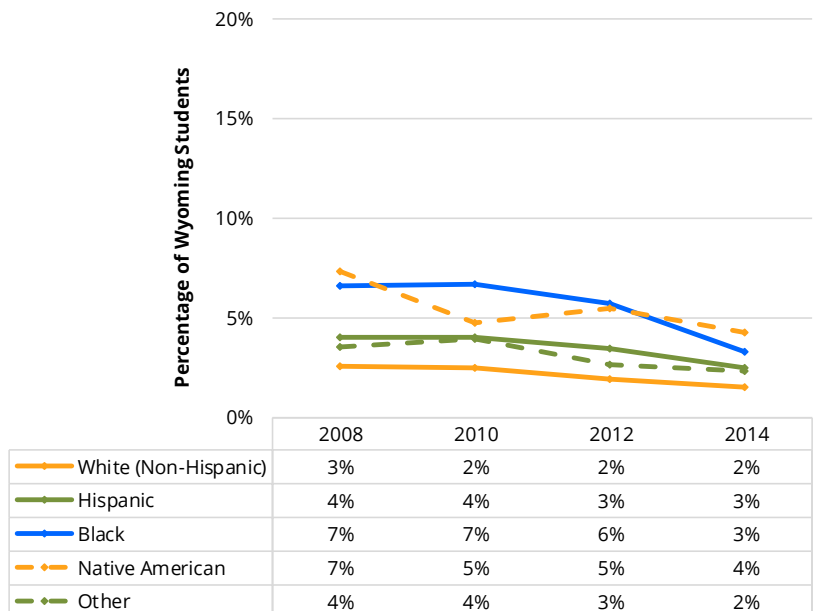
**Chart 123 Wyoming Students' Over-the-Counter Medicine Use to Get High Sometime in the Past 30 Days (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using an OTC medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014



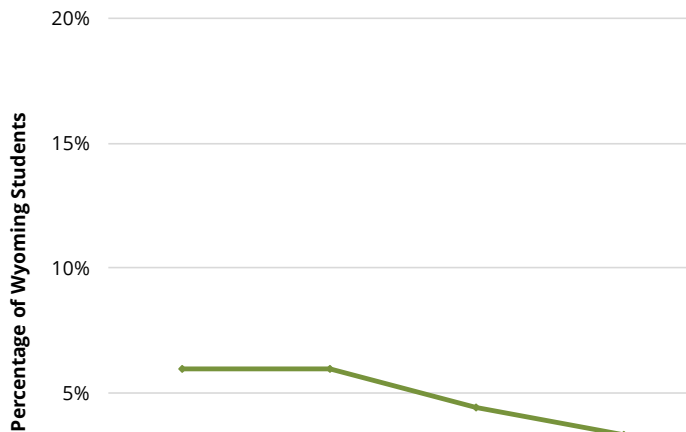


# Prescription Drugs

## Youth

### by School Level & Grade

## LICIT DRUGS CONSUMPTION



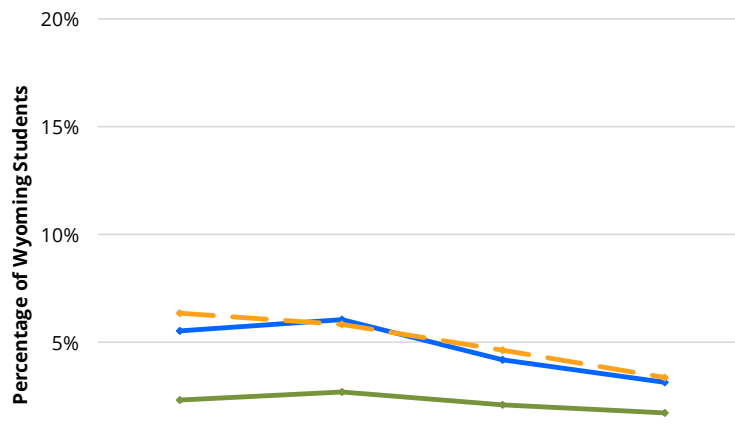
**Chart 124: Wyoming Students' Prescription Drug Use to Get High Sometime in the Past 30 Days (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who reported using a prescription medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014



**Chart 125: Wyoming Students' Prescription Drug Use to Get High Sometime in the Past 30 Days (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using a prescription medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014

## LICIT DRUGS CONSUMPTION

# Prescription Drugs

## Youth

### by Gender & Race/Ethnicity



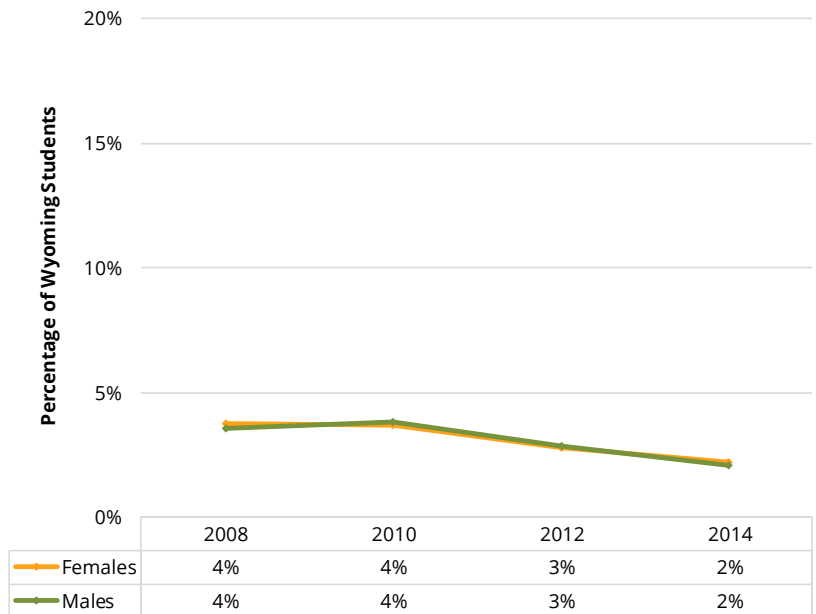
**Chart 126: Wyoming Students' Prescription Drug Use to Get High Sometime in the Past 30 Days (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using a prescription medication to get high in the past 30 days on one or more occasions.

**Data Source:**

PNA 2008-2014



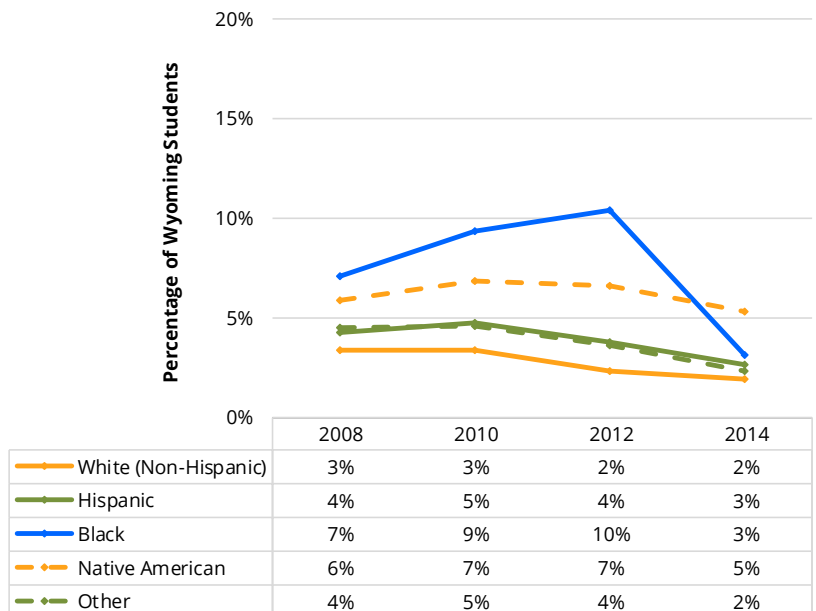
**Chart 127: Wyoming Students' Prescription Drug Use to Get High Sometime in the Past 30 Days (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported using a prescription medication to get high in the past 30 days on one or more occasions.

**Data Source:**

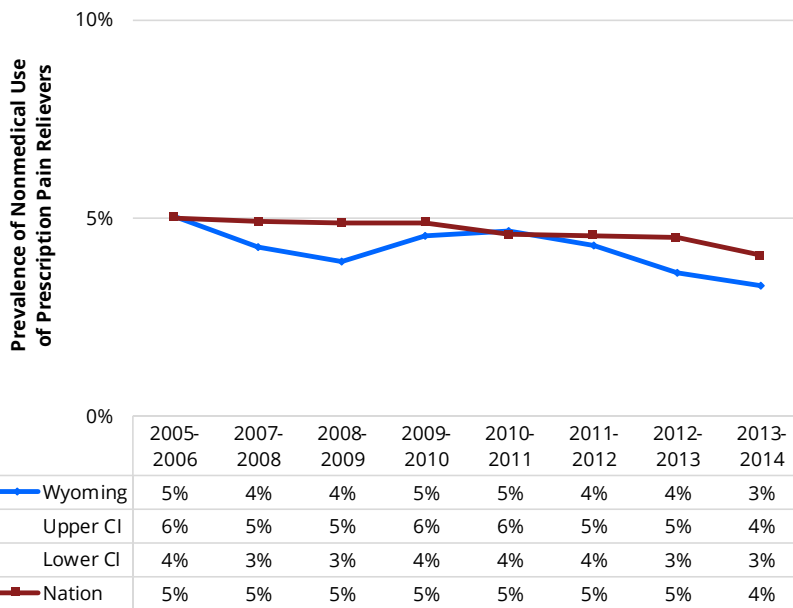
PNA 2008-2014





# Non-Medical Prescription Drug Use

## LICIT DRUGS CONSUMPTION



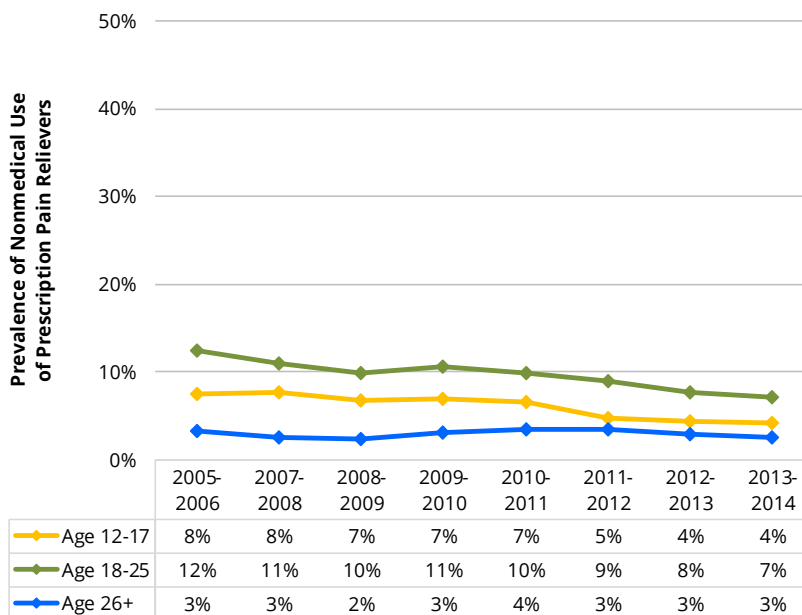
**Chart 128: Self-Reported Prescription Drug Use (Age 12+)**

**Definition:**

The percentage of self-reported non-medical prescription drug use in Wyoming and the United States.

**Data Source:**

NSDUH 2005-2014



**Chart 129: Self-Reported Prescription Drug Use (by Age Group)**

**Definition:**

The percentage of self-reported non-medical prescription drug use in Wyoming and the United States.

**Data Source:**

NSDUH 2005-2014



**LICIT DRUGS****RISK/PROTECTIVE FACTORS**

# Schedule II Prescription Fills



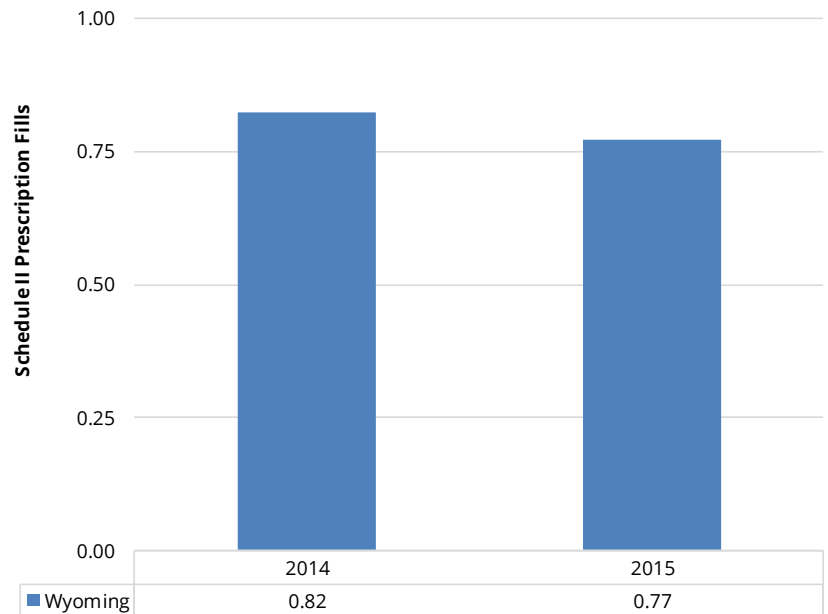
**Chart 130. Wyoming  
Schedule II Prescription Drug  
Fills**

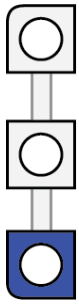
**Definition:**

The per capita rate of Schedule II prescription drug fills in Wyoming. The Drug Enforcement Administration (DEA) classifies Schedule II drugs as those that have an accepted medical use, but also have an elevated potential for abuse and addiction (e.g., Oxycodone, Diazepam).

**Data Source:**

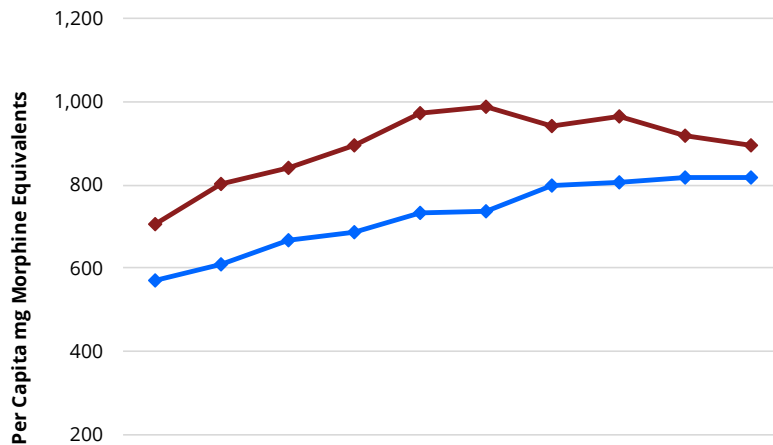
PDMP 2014-2015





# Opioids Delivered to Pharmacies

## LICIT DRUGS RISK/PROTECTIVE FACTORS



**Chart 131: Per Capita Morphine Milligram Equivalent Doses**

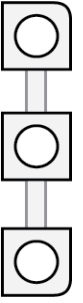
**Definition:**

The cumulative amount of opioid medication distributed at the retail level in per capita morphine milligram equivalents (MME).

**Data Source:**

ARCOS 2006-2015

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Wyoming	571	609	668	687	732	738	798	808	818	818
Nation	706	803	840	896	975	987	943	967	917	895



# Mental Health

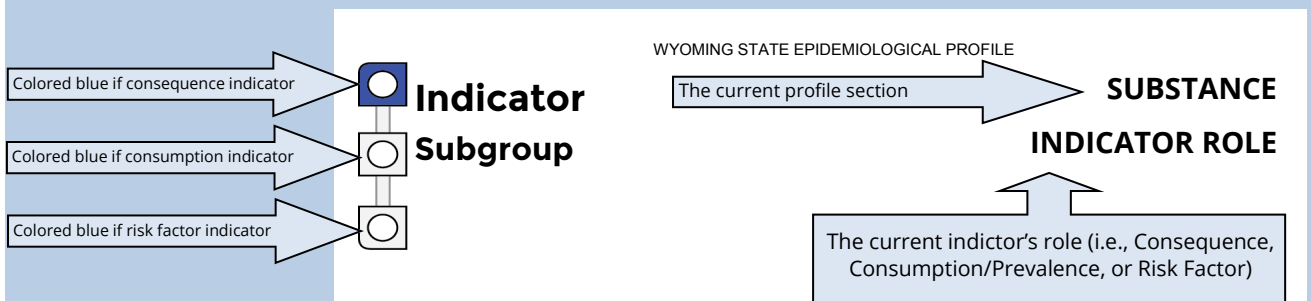
## Included Variables

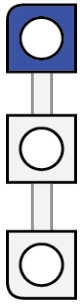
Indicator	Data Source	Page
<b>Consequence</b>		
Suicide Rates	WISQARS	100
<b>Prevalence/Consumption</b>		
Frequent Mental Distress	BRFSS	101
Students Who Attempted Suicide	YRBS/PNA	102
<b>Risk/Protective Factors</b>		
Suicide Plan	YRBS	103
Suicidal Ideation	YRBS/PNA	104
At-Risk for Serious Mental Health Issues	PNA	105

### Color and Shade Conventions

- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

### Page Guide Legend

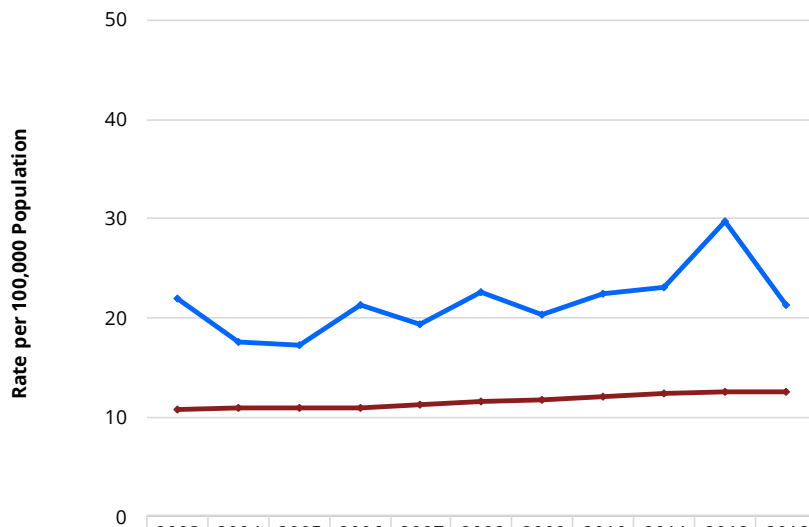




# Rates of Suicide

## Youth and Adults

## MENTAL HEALTH CONSEQUENCES



**Chart 132: Wyoming Age Adjusted Suicide Rates**

**Definition:**

The age adjusted suicide injury death rates per 100,000 population for all races, both sexes, and all ages.

**Data Source:**

WISQARS 2003–2013

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Wyoming	22	18	17	21	19	23	20	22	23	30	21
National	11	11	11	11	11	12	12	12	12	13	13

## MENTAL HEALTH PREVALENCE

# Mental Distress

## Adults

**Chart 133: Frequent Mental Distress**

**Definition:**

The percentage of Wyoming adults who reported their mental health (which includes stress, depression, and problems with emotions) was not good for 14 or more of the past 30 days.

**Data Source:**

BRFSS 2011–2015



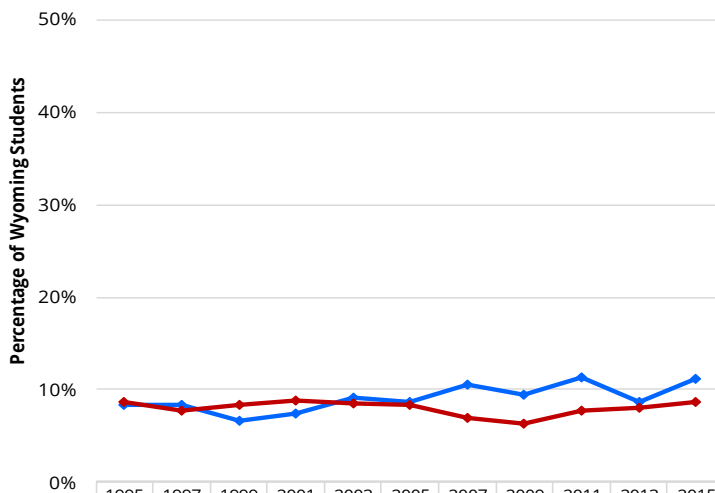
	2011	2012	2013	2014	2015
Wyoming	10%	10%	10%	10%	12%
95% Upper C.I.	11%	12%	11%	12%	13%
95% Lower C.I.	9%	9%	9%	9%	10%



# Suicide Attempts

## Youth High School

## MENTAL HEALTH PREVALENCE



**Chart 134: Attempted Suicide in the Past Year (Grades 9 through 12)**

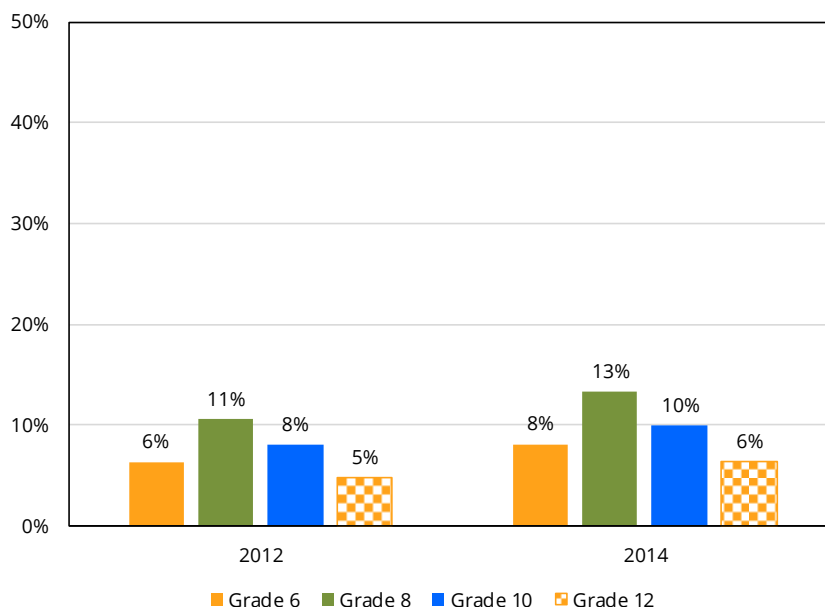
**Definition:**

The percentage of Wyoming high school students who reported attempting suicide one or more times during the 12 months before the survey.

**Data Source:**

YRBS 1995–2015

\*\*\*\*\*YRBS data not comparable to PNA data\*\*\*\*\*



**Chart 135: Students Who Attempted Suicide One or More Times (Grade Level)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported having attempted suicide one or more times during the past 12 months before the survey.

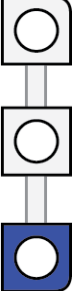
**Data Source:**

PNA 2012, 2014

## MENTAL HEALTH RISK/PROTECTIVE FACTORS

# Suicide Plan

## Youth



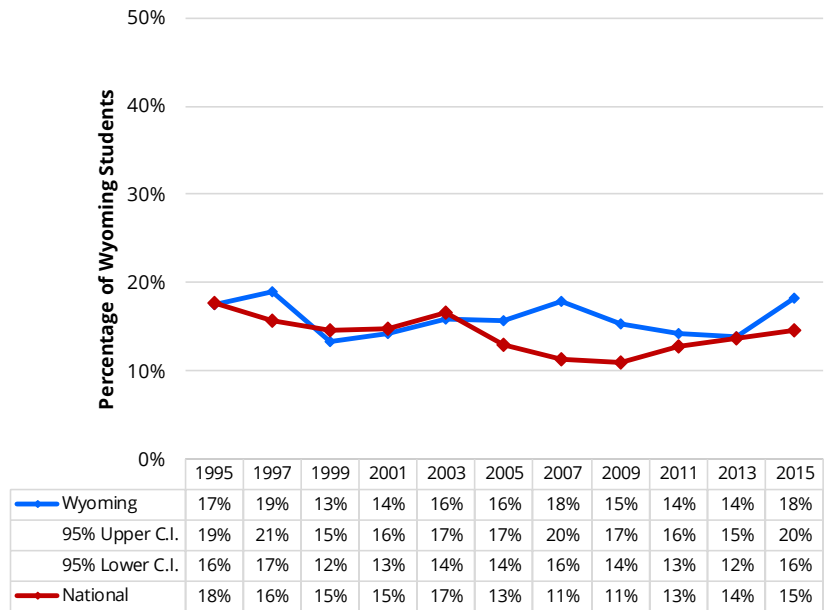
**Chart 136: Suicide Plan in Past Year (Grades 9 through 12)**

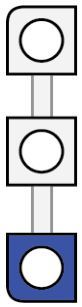
**Definition:**

The percentage of Wyoming high school students who reported making a plan about how they would attempt suicide during the 12 months before the survey.

**Data Source:**

YRBS 1995–2015

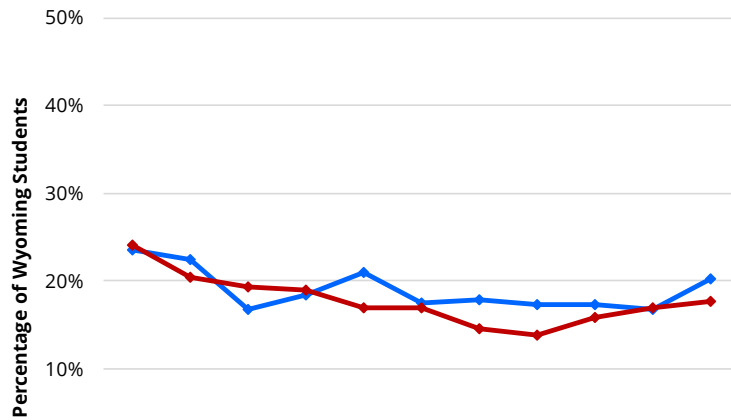




# Suicidal Ideation

## Youth High School

## MENTAL HEALTH RISK/PROTECTIVE FACTORS



**Chart 137: Suicidal Ideation in Past Year (Grades 9 through 12)**

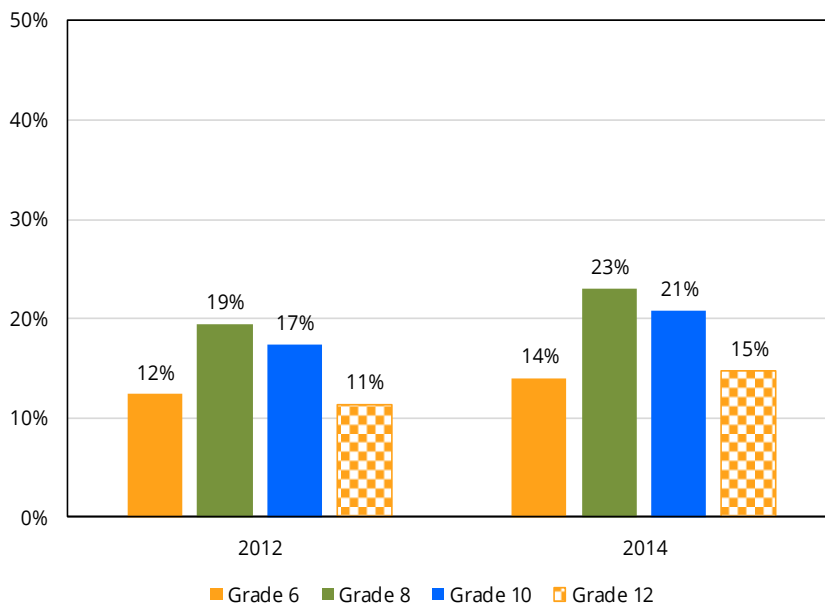
**Definition:**

The percentage of Wyoming high school students who seriously considered attempting suicide during the 12 months before the survey.

**Data Source:**

YRBS 1995–2015

\*\*\*\*\*YRBS data not comparable to PNA data\*\*\*\*\*



**Chart 138: Suicidal Ideation in Past Year (Grades 6, 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who reported have seriously considered attempting suicide in the 12 months before the survey.

**Data Source:**

PNA 2012, 2014



# MENTAL MENTAL HEALTH RISK/PROTECTIVE

# At Risk for Serious Mental Health Issues Youth

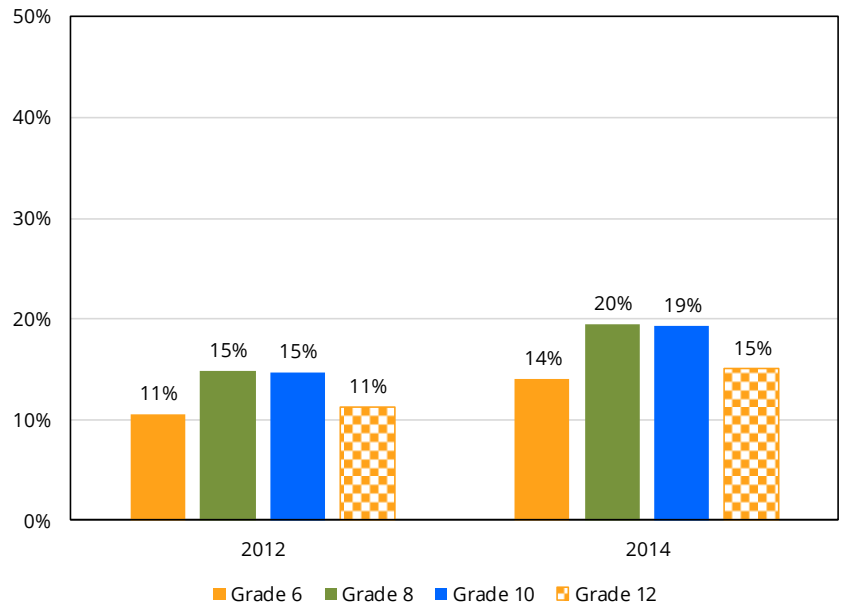
**Chart 139: Mental Health Risk**

**Definition:**

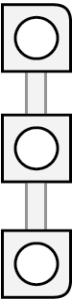
The percentage of Wyoming students in grades 6, 8, 10, and 12 who are considered to be at-risk for serious mental health issues. Risk was determined using a six-item mental health measure.

**Data Source:**

PNA 2012, 2014







# General Related Factors

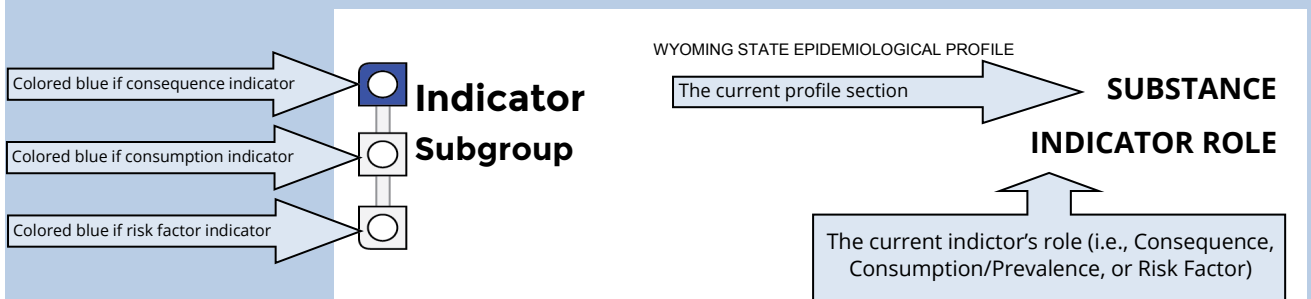
## Included Variables

Indicator	Data Source	Page
Risk/Protective Factors		
Community Disorganization	PNA	108
Perceived Availability of Drugs	PNA	110
Parents' Attitude Toward Drug Use	PNA	112
Intent to Use Drugs	PNA	114
Friends' Use of Drugs	PNA	116
Attitude Toward Drug Use	PNA	118
Sensation Seeking	PNA	120
Attitude Toward Antisocial Behavior	PNA	122
Interaction with Antisocial Peers	PNA	124
Social Skills	PNA	126

### Color and Shade Conventions

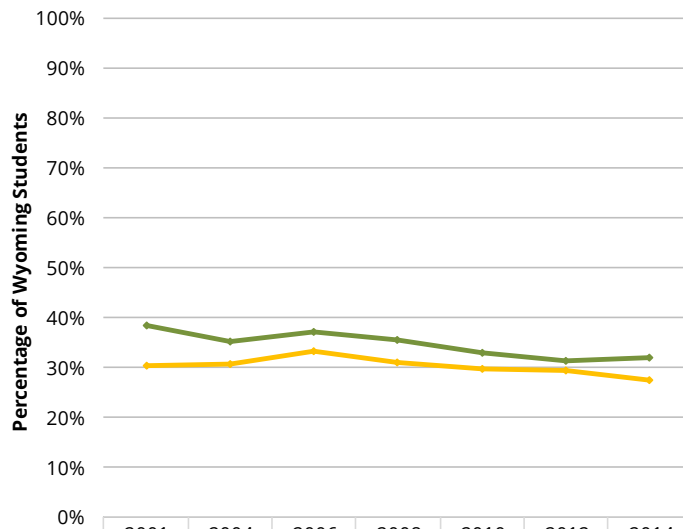
- United States
- Wyoming, all demographic groups
- Wyoming, demographic group
- Wyoming, demographic group

### Page Guide Legend



# Community Disorganization Youth by Grade

## GENERAL RELATED FACTORS RISK/PROTECTIVEFACTORS



**Chart 140: Community Disorganization—Wyoming Student High Risk Rate (Grades 6 and 8 , 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers on a Community Disorganization Scale that asks about crime, fighting, graffiti, and abandoned buildings in the student's neighborhood as signs of neighborhood decay.

**Data Source:**

PNA 2001–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

## Community Disorganization Youth by Gender & Race/Ethnicity

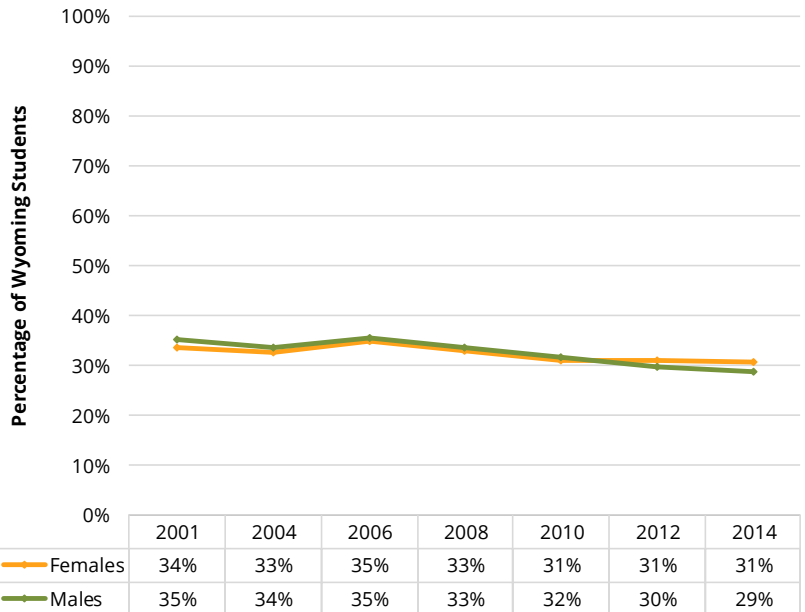
**Chart 141: Community Disorganization—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers on a Community Disorganization Scale that asks about crime, fighting, graffiti, and abandoned buildings in the student's neighborhood as signs of neighborhood decay.

**Data Source:**

PNA 2001–2014



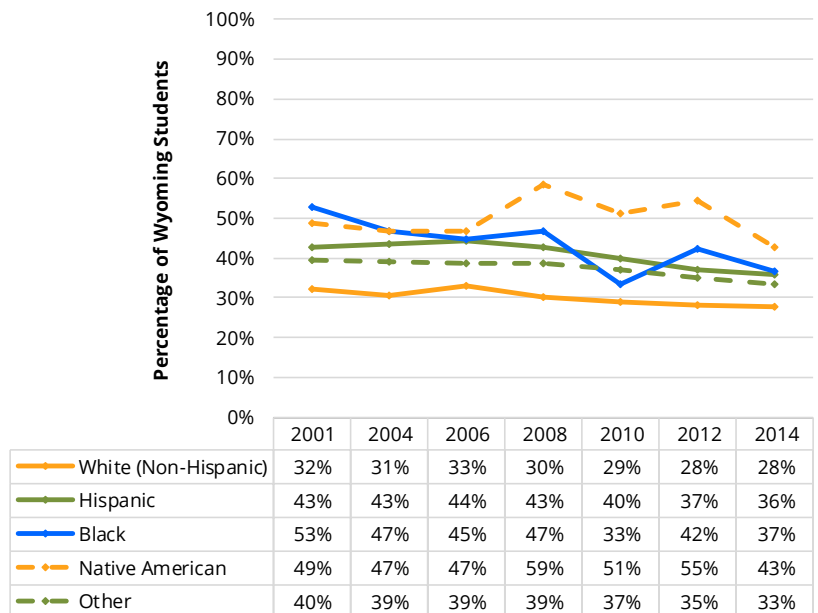
**Chart 142: Community Disorganization—High Risk Rate (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers on a Community Disorganization Scale that asks about crime, fighting, graffiti, and abandoned buildings in the student's neighborhood as signs of neighborhood decay.

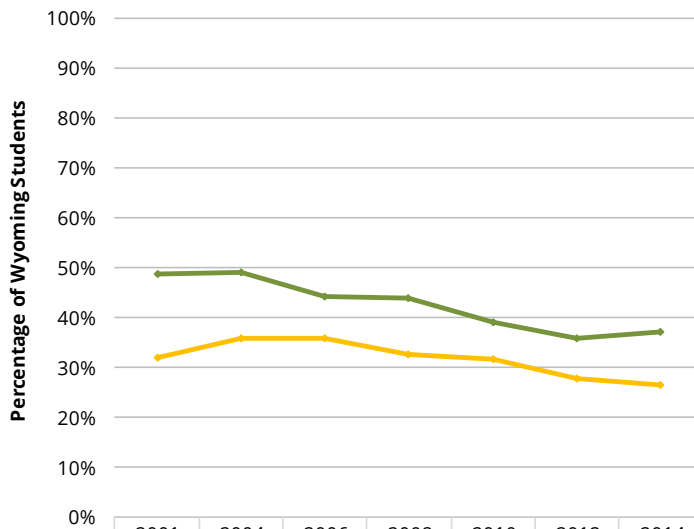
**Data Source:**

PNA 2001–2014



# Perceived Availability of Drugs Youth by Grade

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 143: Perceived Availability of Drugs—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures the student's perception of how easy it would be for the student to obtain alcohol, cigarettes, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Perceived Availability of Drugs Youth by Gender & Race/Ethnicity

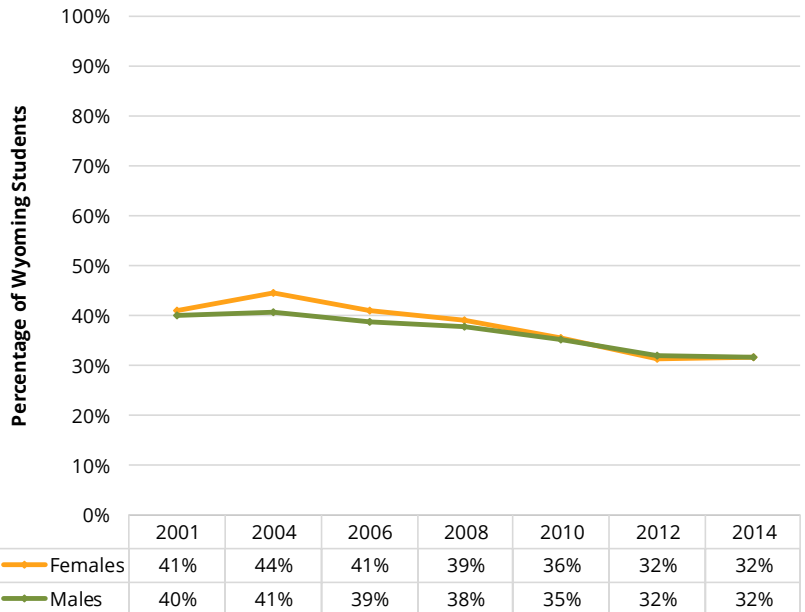
**Chart 144: Perceived Availability of Drugs—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's perception of how easy it would be for the student to obtain alcohol, cigarettes, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2014



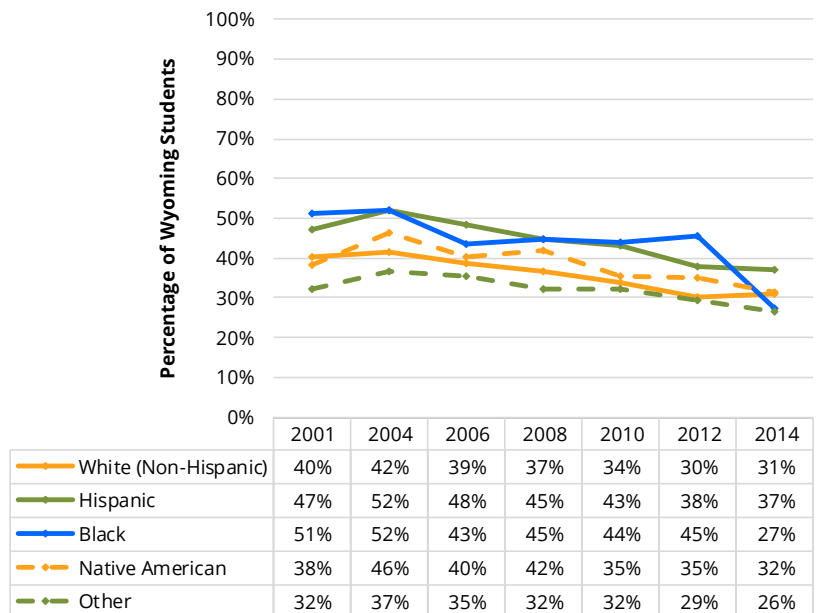
**Chart 145: Perceived Availability of Drugs—Wyoming Student High Risk Rate (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's perception of how easy it would be for the student to obtain alcohol, cigarettes, marijuana and other illegal drugs.

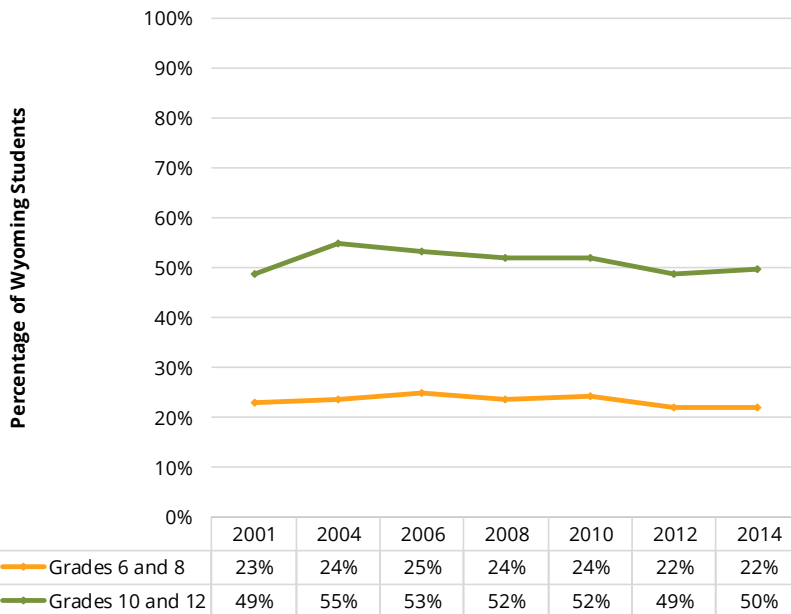
**Data Source:**

PNA 2001–2014



# Parents' Attitude Toward Drug Use Youth by School Level

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 146: Parents' Favorable Attitude Toward Drug Use—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures to what degree the student thinks his/her parents would approve of the student using alcohol, cigarettes and marijuana.

**Data Source:**

PNA 2001–2014



## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Parents' Attitude Toward Drug Use Youth by Gender & Race/Ethnicity

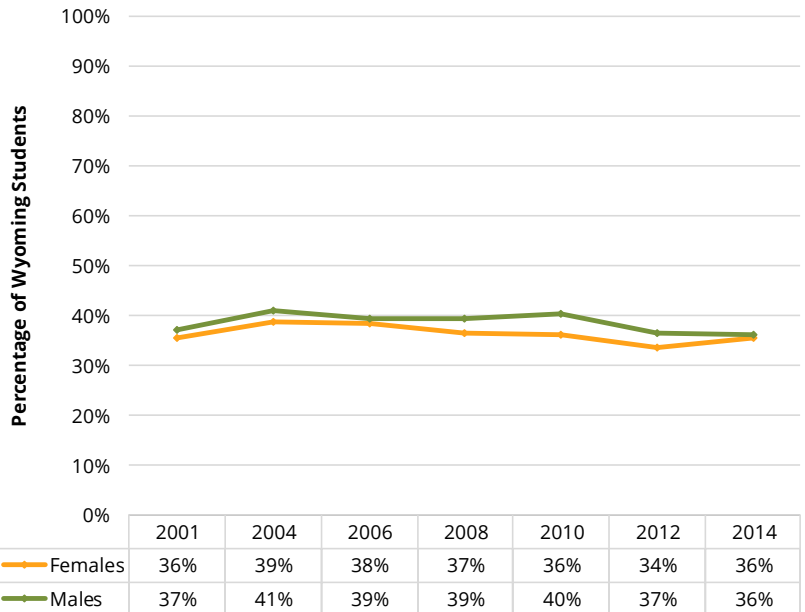
**Chart 147: Parents' Favorable Attitude Toward Drug Use—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures to what degree the student thinks his/her parents would approve of the student using alcohol, cigarettes and marijuana.

**Data Source:**

PNA 2001–2014



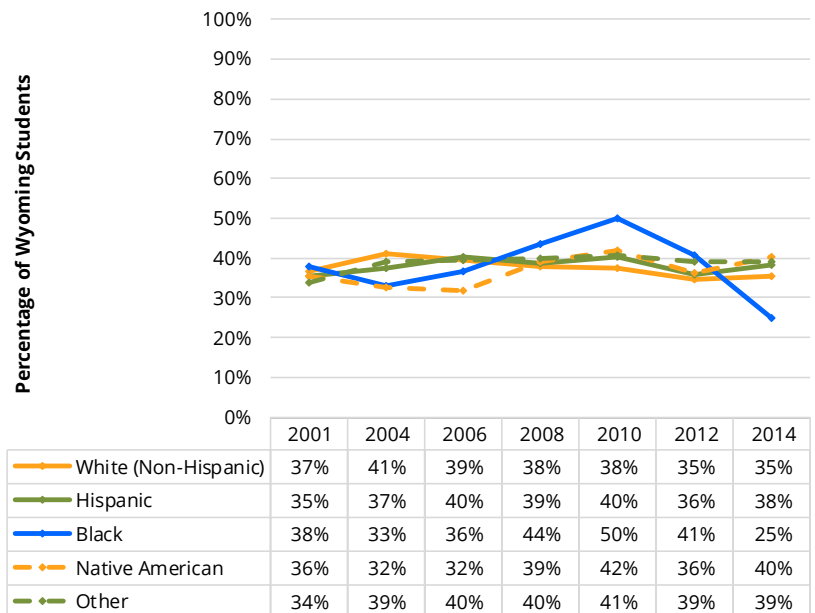
**Chart 148: Parents' Favorable Attitude Toward Drug Use—High Risk Rate (Race/Ethnicity)**

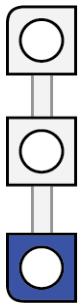
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures to what degree the student thinks his/her parents would approve of the student using alcohol, cigarettes and marijuana.

**Data Source:**

PNA 2001–2014

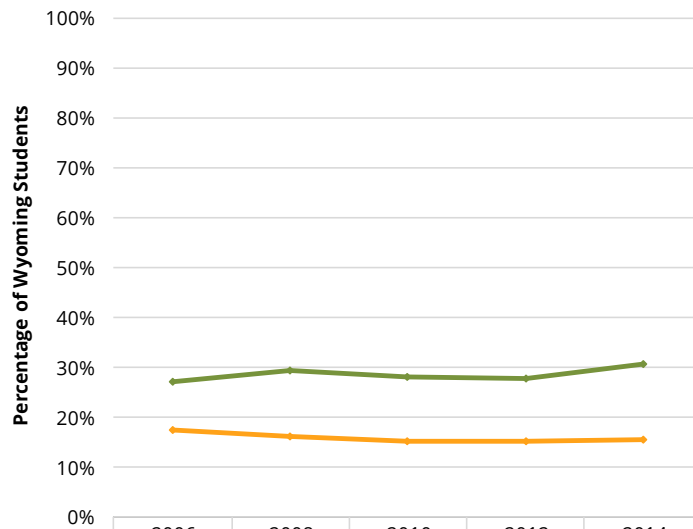




# Intent to Use Drugs

## Youth by School Level

### GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 149: Intent to Use Drugs—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures the degree to which the student thinks that he/she will use alcohol, tobacco and drugs as an adult.

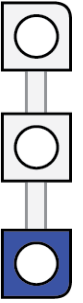
**Data Source:**

PNA 2006–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Intent to Use Drugs

## Youth by Gender & Race/Ethnicity



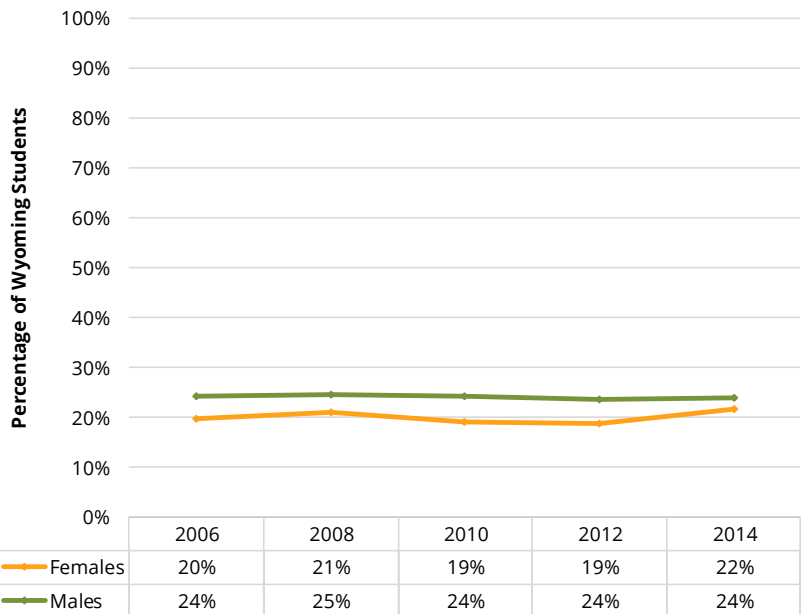
**Chart 150: Intent to Use Drugs—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the degree to which the student thinks that he/she will use alcohol, tobacco and drugs as an adult.

**Data Source:**

PNA 2006–2014



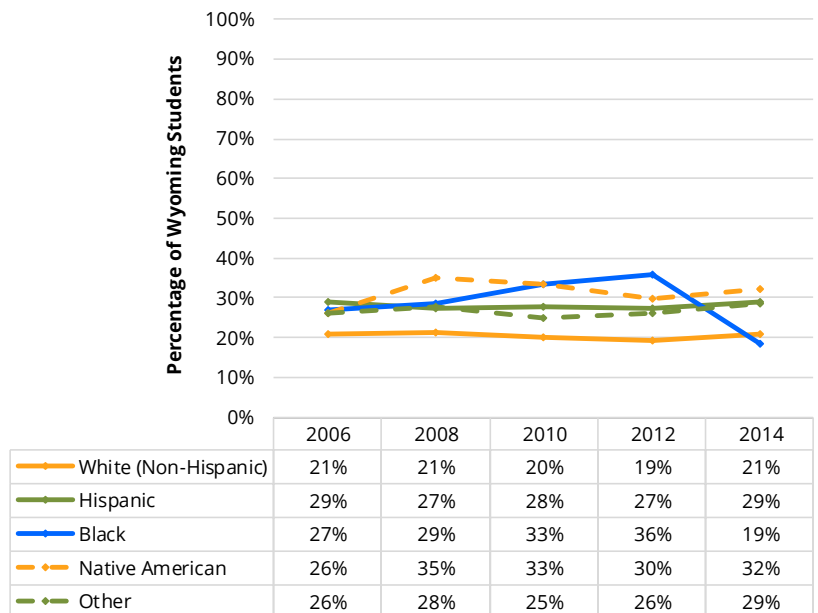
**Chart 151: Intent to Use Drugs—Wyoming Student High Risk Rate (Race/Ethnicity)**

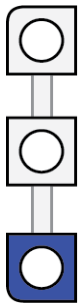
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the degree to which the student thinks that he/she will use alcohol, tobacco and drugs as an adult.

**Data Source:**

PNA 2006–2014

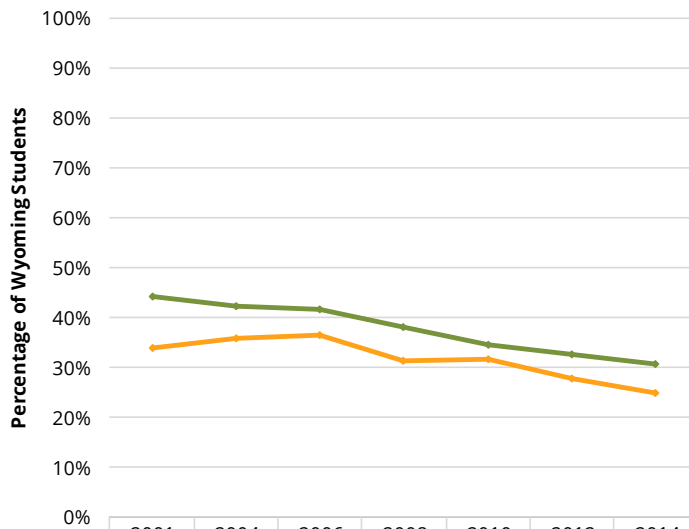




# Friends' Use of Drugs

## Youth by School Level

### GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 152: Friends' Use of Drugs—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures the number of close friends that have used alcohol, tobacco, marijuana and other illegal drugs.

**Data Source:**

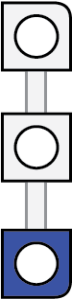
PNA 2001–2014

	2001	2004	2006	2008	2010	2012	2014
Grades 6 and 8	34%	36%	36%	31%	32%	28%	25%
Grades 10 and 12	44%	42%	42%	38%	35%	33%	31%

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

## Friends' Use of Drugs

### Youth by Gender & Race/Ethnicity



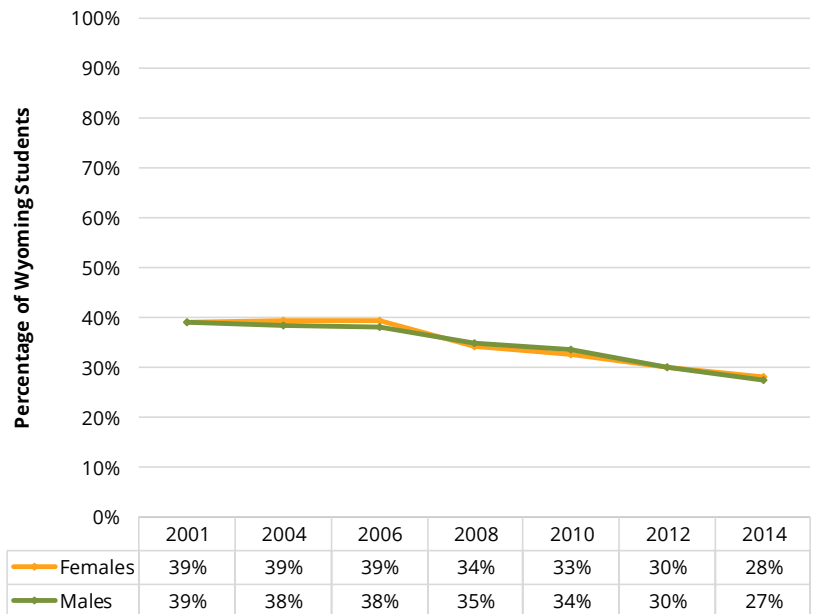
**Chart 153: Friends' Use of Drugs—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the number of close friends that have used alcohol, tobacco, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2014



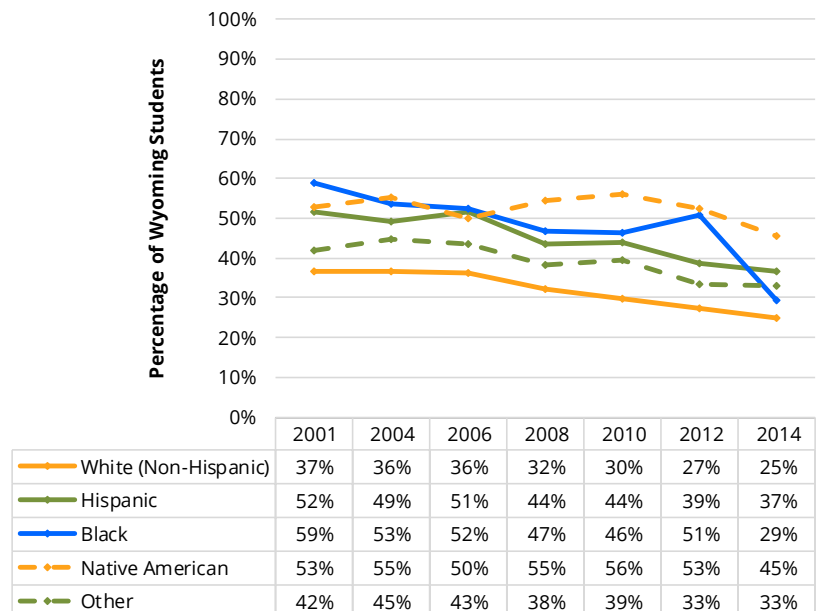
**Chart 154: Friends' Use of Drugs—Wyoming Student High Risk Rate (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the number of close friends that have used alcohol, tobacco, marijuana and other illegal drugs.

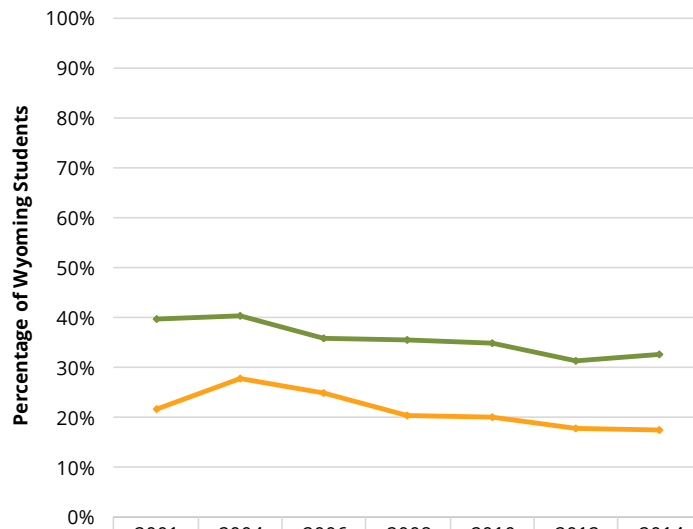
**Data Source:**

PNA 2001–2014



# Attitude Toward Drug Use Youth by School Level

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 155: Favorable Attitude Toward Drug Use—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures the student's approval of someone his/her age using alcohol, cigarettes, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

## Attitude Toward Drug Use Youth by Gender & Race/Ethnicity

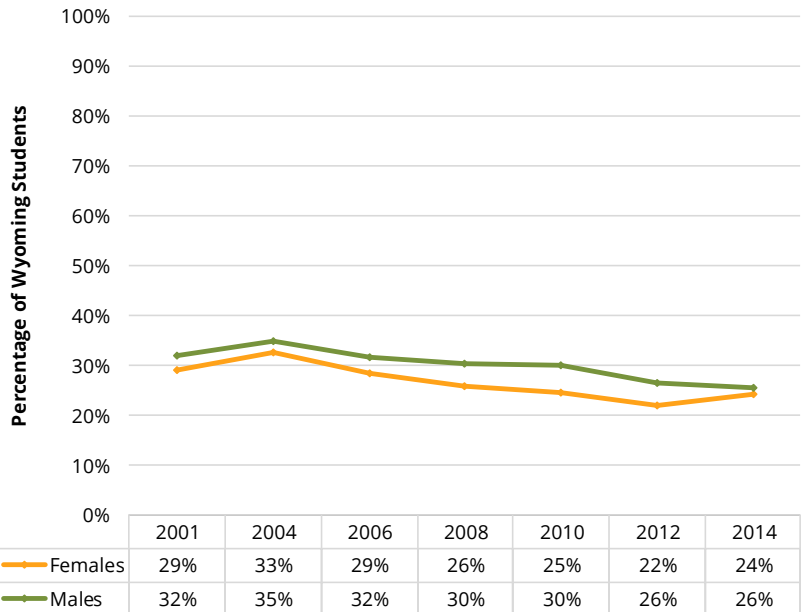
**Chart 156: Favorable Attitude Toward Drug Use—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's approval of someone his/her age using alcohol, cigarettes, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2014



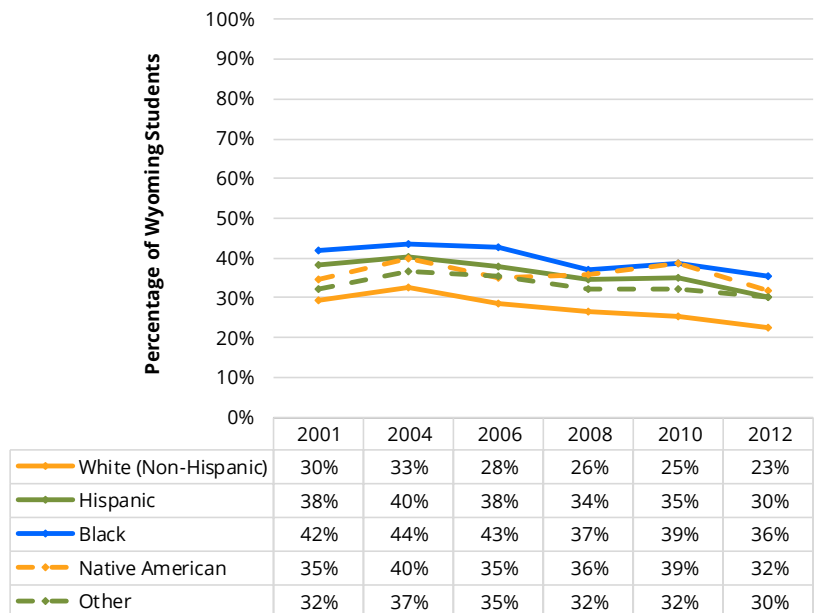
**Chart 157: Favorable Attitude Toward Drug Use—Wyoming Student High Risk Rate (Race/Ethnicity)**

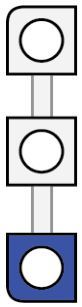
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's approval of someone his/her age using alcohol, cigarettes, marijuana and other illegal drugs.

**Data Source:**

PNA 2001–2012

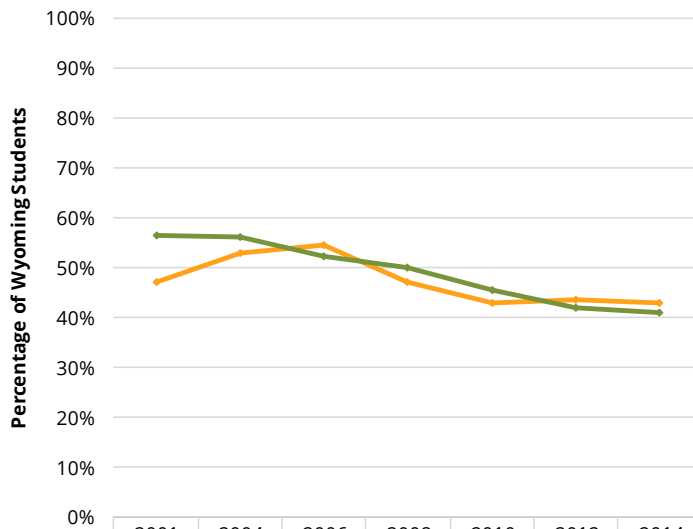




# Sensation Seeking

## Youth by School Level

### GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 158: Sensation Seeking—  
Wyoming Student High Risk  
Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures how often the student says that he/she participates in dangerous activities regardless of the consequences.

**Data Source:**

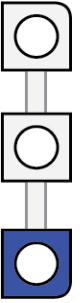
PNA 2001–2014



## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Sensation Seeking

## Youth by Gender & Race/Ethnicity



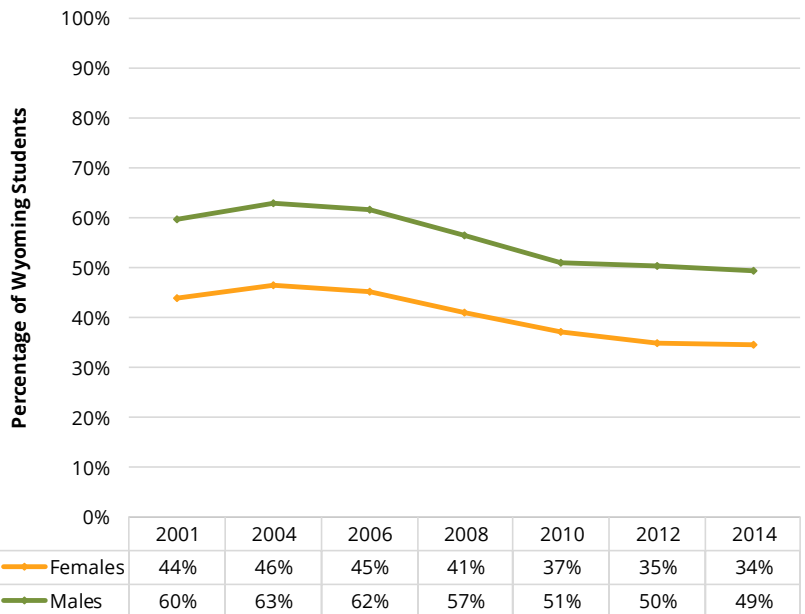
**Chart 159: Sensation Seeking—  
Wyoming Student High Risk  
Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures how often the student says that he/she participates in dangerous activities regardless of the consequences.

**Data Source:**

PNA 2001–2014



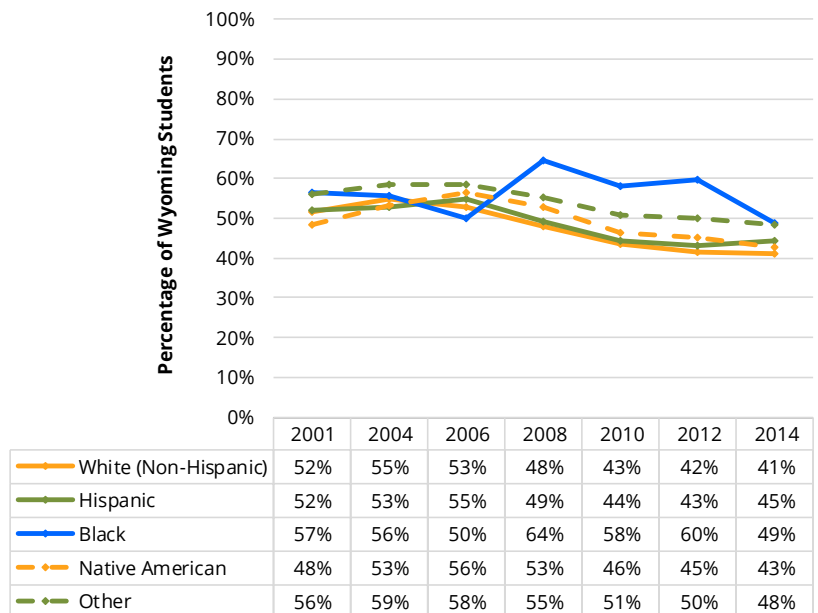
**Chart 160: Sensation Seeking—  
Wyoming Student High Risk  
Rate (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures how often the student says that he/she participates in dangerous activities regardless of the consequences.

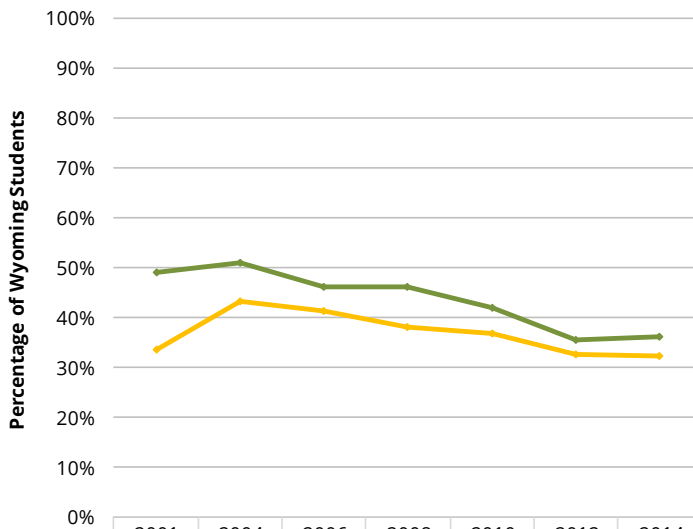
**Data Source:**

PNA 2001–2014



# Attitude Toward Antisocial Behavior Youth by Grade

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 161: Favorable Attitude Toward Antisocial Behavior—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers to a scale that measures the student's disapproval of someone his/her age participating in antisocial behavior. The student is asked about his/her approval of stealing, fighting with others, attacking someone with the intent to cause harm, and skipping school.

**Data Source:**

PNA 2001–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Attitude Toward Antisocial Behavior Youth by Gender & Race/Ethnicity

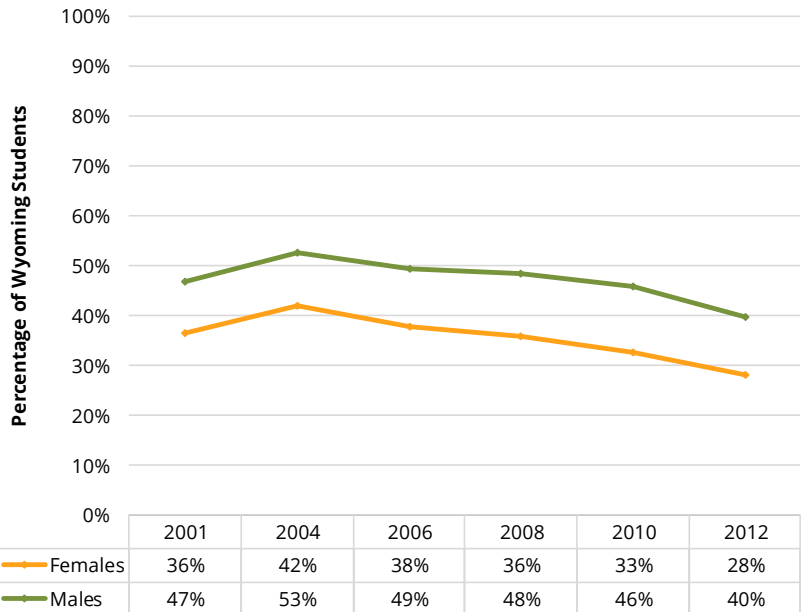
**Chart 162: Favorable Attitude Toward Antisocial Behavior—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's disapproval of someone his/her age participating in antisocial behavior. The student is asked about his/her approval of stealing, fighting with others, attacking someone with the intent to cause harm, and skipping school.

**Data Source:**

PNA 2001–2012



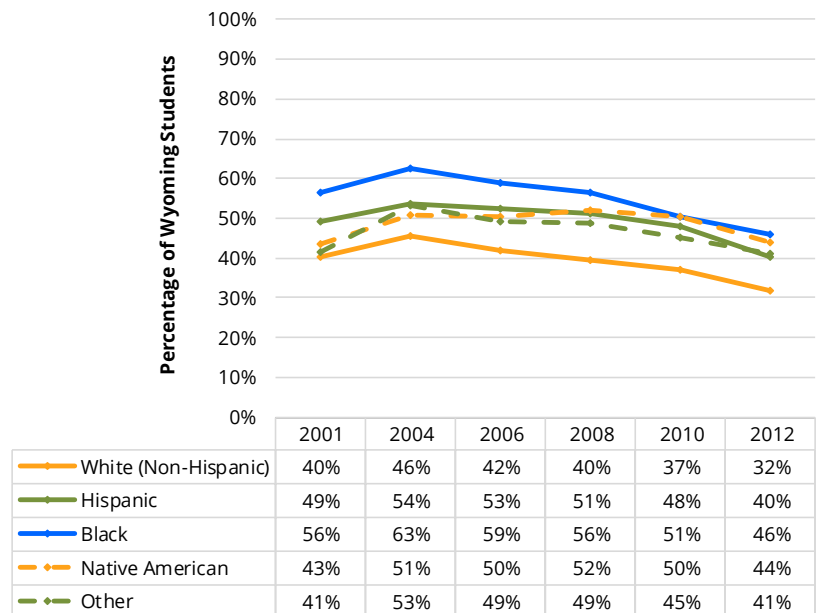
**Chart 163: Favorable Attitude Toward Antisocial Behavior—High Risk Rate (Race/Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers to a scale that measures the student's disapproval of someone his/her age participating in antisocial behavior. The student is asked about his/her approval of stealing, fighting with others, attacking someone with the intent to cause harm, and skipping school.

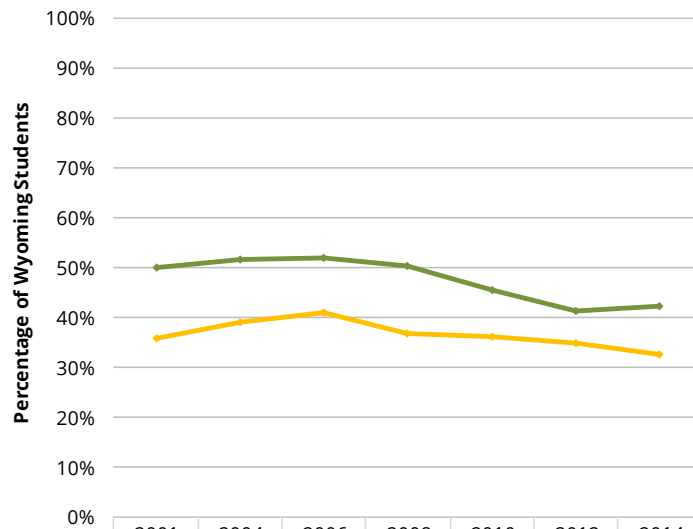
**Data Source:**

PNA 2001–2012



# Interaction with Antisocial Peers Youth by Grade

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 164: Interactions with Antisocial Peers—Wyoming Student High Risk Rate (Grades 6 and 8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are classified as high risk because of their answers on a scale that measures the number of close friends that have been arrested, suspended from school, attempted to steal a vehicle and/or attacked someone with the intent to cause harm.

**Data Source:**

PNA 2001–2014

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

# Interaction with Antisocial Peers Youth by Gender & Race/Ethnicity

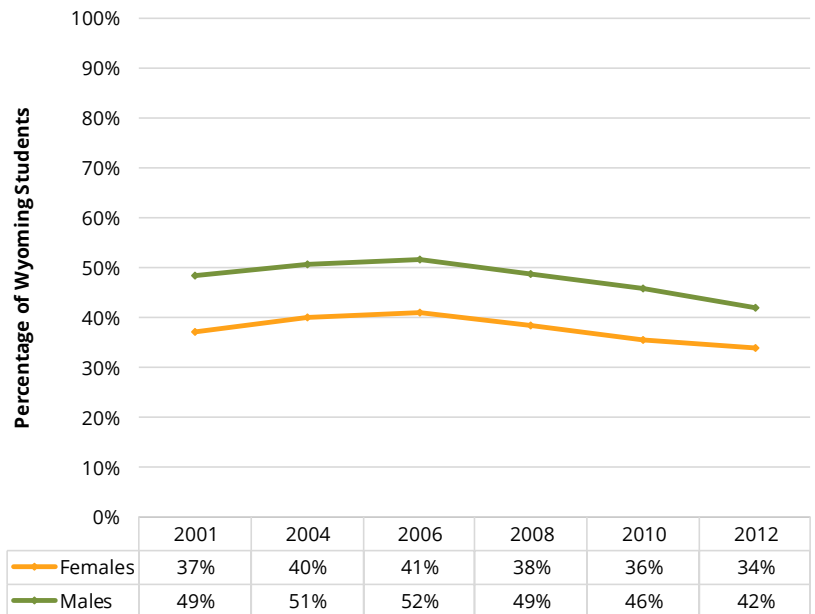
**Chart 165: Interactions with Antisocial Peers—Wyoming Student High Risk Rate (Females and Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers on a scale that measures the number of close friends that have been arrested, suspended from school, attempted to steal a vehicle and/or attacked someone with the intent to cause harm.

**Data Source:**

PNA 2001–2012



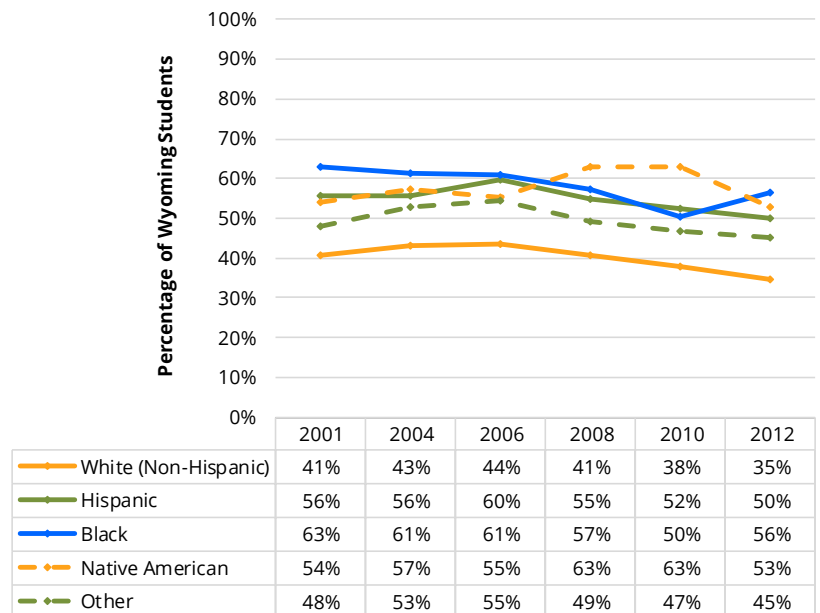
**Chart 166: Interactions with Antisocial Peers—Wyoming Student High Risk Rate (Race/Ethnicity)**

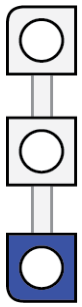
**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are classified as high risk because of their answers on a scale that measures the number of close friends that have been arrested, suspended from school, attempted to steal a vehicle and/or attacked someone with the intent to cause harm.

**Data Source:**

PNA 2001–2012

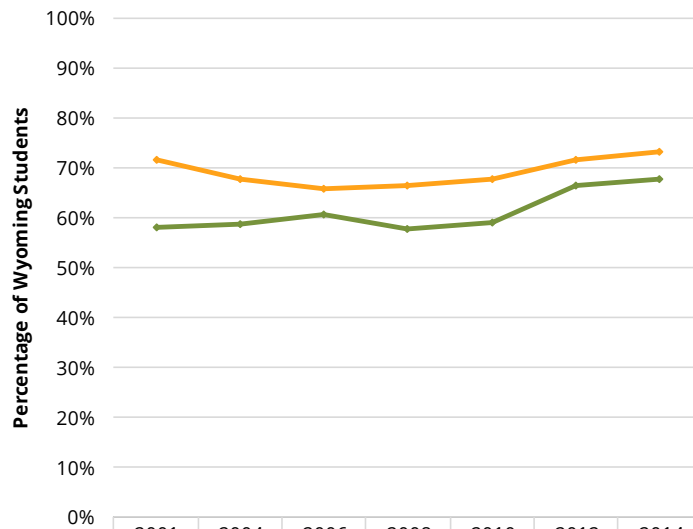




# Social Skills

## Youth by School Level

### GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS



**Chart 167: Social Skills—  
Wyoming Student Low-  
Protection Rate (Grades 6 and  
8, 10 and 12)**

**Definition:**

The percentage of Wyoming students who are not classified as higher protection because of their answers to a scale that measures the student's assertiveness and ability to make responsible social decisions.

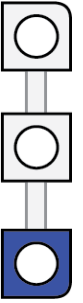
**Data Source:**

PNA 2001–2014

	2001	2004	2006	2008	2010	2012	2014
Grades 6 and 8	72%	68%	66%	67%	68%	72%	73%
Grades 10 and 12	58%	59%	61%	58%	59%	66%	68%

## GENERAL RELATED FACTORS RISK/PROTECTIVE FACTORS

## Social Skills Youth by Gender & Race/Ethnicity



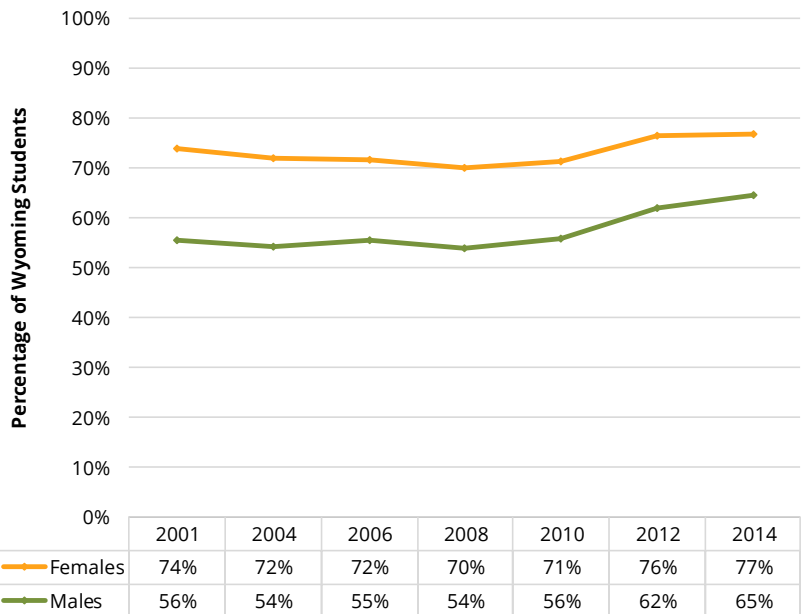
**Chart 168: Social Skills—  
Wyoming Student Low-  
Protection Rate (Females and  
Males)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are not classified as higher protection because of their answers to a scale that measures the student's assertiveness and ability to make responsible social decisions.

**Data Source:**

PNA 2001–2014



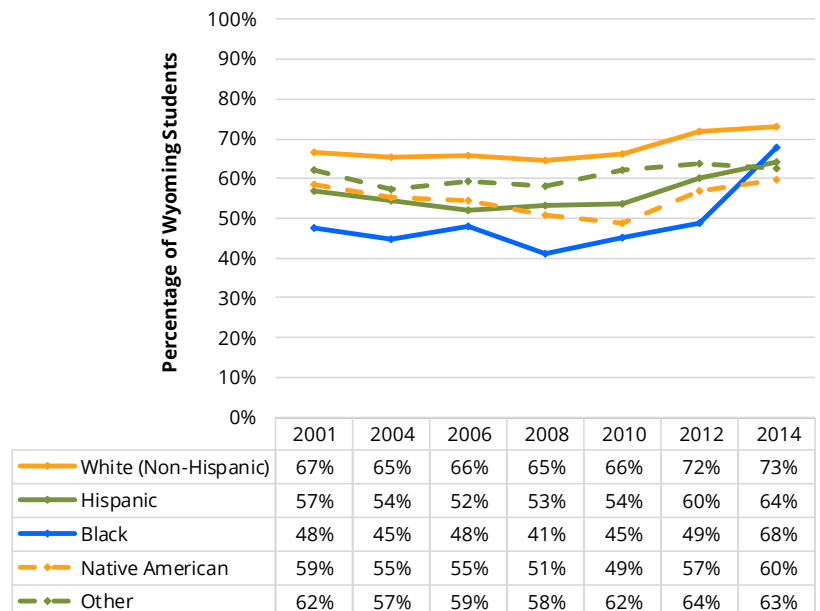
**Chart 169: Social Skills—  
Wyoming Student Low-  
Protection Rate (Race/  
Ethnicity)**

**Definition:**

The percentage of Wyoming students in grades 6, 8, 10, and 12 who are not classified as higher protection because of their answers to a scale that measures the student's assertiveness and ability to make responsible social decisions.

**Data Source:**

PNA 2001–2014





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