

The background of the entire page is a stack of spiral-bound notebooks. The notebooks are stacked vertically, with the top notebook in sharp focus and the others below it becoming increasingly blurred. The spiral binding is a metallic copper color. The pages are white with faint horizontal lines. The background behind the notebooks is a solid, bright yellow color.

# **Wyoming's 2011 Youth Risk Behavior Survey**

**Cindy Hill**  
**Superintendent of Public Instruction**  
**Wyoming Department of Education**



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October 4, 2011

Dear Youth Advocate:

Wyoming's youth are engaging in behaviors that put them at risk for health and social problems. We know this because we asked them by administering the Wyoming Youth Risk Behavior Survey, and that is what they told us with their responses.

The Youth Risk Behavior Survey provides data on priority health risk behaviors in six categories that include injury and violence, tobacco use, alcohol and other drug use, teen pregnancy, dietary behaviors, and physical activity.

These behaviors carry a significant cost to the youths themselves, as well as to our society. There is harm caused by the impact of violence and drug use on communities and by the financial burden on our families in the form of higher taxes for social programs, increased health care costs, and diminished productivity. Yet all of the health risk behaviors reported in this document are preventable and need a coordinated response among families, schools, and communities to design a remedy.

It is also evident that if students are to master academic standards and reach their full potential as productive citizens, we must reduce the recurrence of risk behaviors and give students the tools to make positive life choices.

Schools and government agencies cannot resolve these problems alone, but we can form meaningful partnerships with parents and community groups to bring about lasting change for the youths we will one day entrust with the future of our world.

It is my hope that the information contained in this report will be useful in planning a healthy future for Wyoming.

Sincerely,

A handwritten signature in cursive script that reads "Cindy Hill".

Cindy Hill  
Superintendent of Public Instruction

RESULTS OF THE 2011  
WYOMING YOUTH RISK BEHAVIOR SURVEY

Prepared for:  
The Wyoming Department of Education  
Cindy Hill  
Superintendent of Public Instruction

October 2011

This summary document, the 2011 Wyoming YRBS report, detailed tables and graphs can be found at the Wyoming Department of Education's web site at [www.edu.wyoming.gov](http://www.edu.wyoming.gov). For additional hard copies or for further information, contact the Wyoming Department of Education at (307) 777- 3339.

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## Wyoming Middle School Survey Sample Description

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### Sample Description

**School Level** - All regular public schools containing grades 6, 7, or 8 were included in the sampling frame. Schools were selected systematically with probability proportional to enrollment in grades 6 through 8 using a random start. 56 schools were sampled. One school was ineligible.

**Class Level** - All classes in a required subject or all classes meeting during a particular period of the day, depending on the school, were included in the sampling frame. Systematic equal probability sampling with a random start was used to select classes from each school that participated in the survey.

### Response Rates

**Schools** - 100% 55 of the 55 sampled eligible schools participated.

**Students** - 84% 2,285 of the 2,715 sampled students submitted questionnaires.  
2,279 questionnaires were usable after data editing.

**Overall response rate** -  $100\% * 84\% = 84\%$ <sup>1</sup>

### Weighting

A weight has been associated with each questionnaire to reflect the likelihood of sampling each student and to reduce bias by compensating for differing patterns of nonresponse. The weight used for estimation is given by:

$$W = W1 * W2 * f1 * f2$$

W1 = the inverse of the probability of selecting the school;

W2 = the inverse of the probability of selecting the classroom within the school;

f1 = a student-level nonresponse adjustment factor calculated by class;

f2 = a poststratification adjustment factor calculated by gender within grade and by race/ethnicity.

### Use of the Weighted Results

The weighted results can be used to make important inferences concerning the priority health-risk behaviors of all regular public school students in grades 6 through 8.

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<sup>1</sup> Overall response rate is computed as (number of participating schools/number of eligible sampled schools) \* (number of usable questionnaires/number of eligible students sampled in participating schools), rounded to the nearest integer.

## Wyoming High School Survey Sample Description

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### Sample Description

**School Level** - All regular public schools containing grades 9, 10, 11, or 12 were included in the sampling frame. Schools were selected systematically with probability proportional to enrollment in grades 9 through 12 using a random start. 56 schools were sampled. One school was ineligible.

**Class Level** - All classes in a required subject or all classes meeting during a particular period of the day, depending on the school, were included in the sampling frame. Systematic equal probability sampling with a random start was used to select classes from each school that participated in the survey.

### Response Rates

**Schools** - 100% 55 of the 55 sampled eligible schools participated.

**Students** - 83% 2,537 of the 3,017 sampled students submitted questionnaires.  
2,519 questionnaires were usable after data editing.

**Overall response rate** -  $100\% * 83\% = 83\%$ <sup>1</sup>

### Weighting

A weight has been associated with each questionnaire to reflect the likelihood of sampling each student and to reduce bias by compensating for differing patterns of nonresponse. The weight used for estimation is given by:

$$W = W1 * W2 * f1 * f2$$

W1 = the inverse of the probability of selecting the school;

W2 = the inverse of the probability of selecting the classroom within the school;

f1 = a student-level nonresponse adjustment factor calculated by class;

f2 = a poststratification adjustment factor calculated by gender within grade and by race/ethnicity.

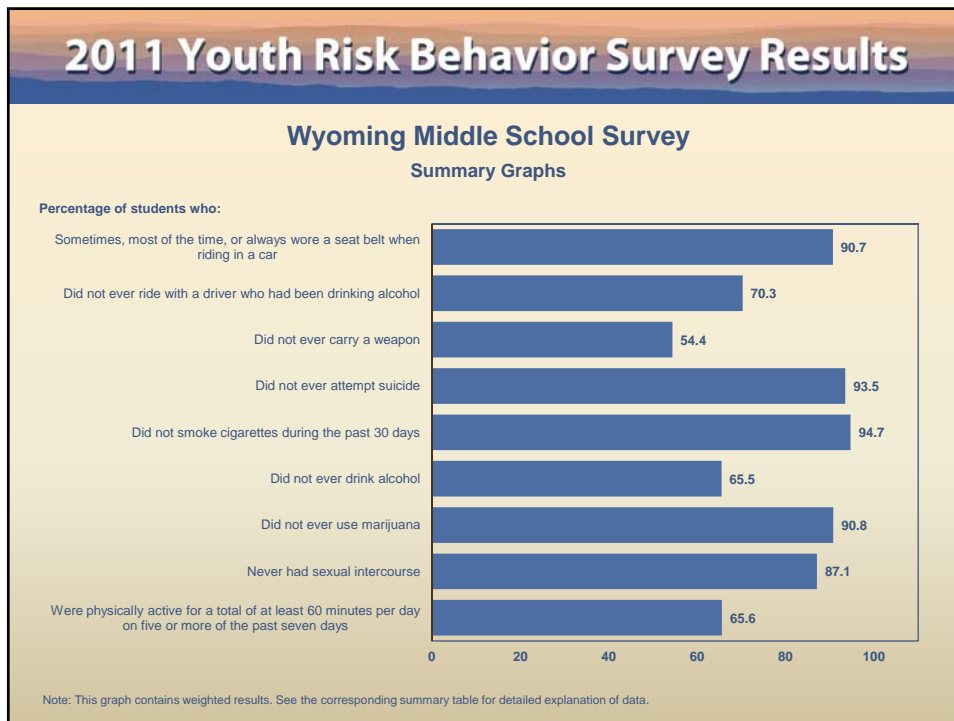
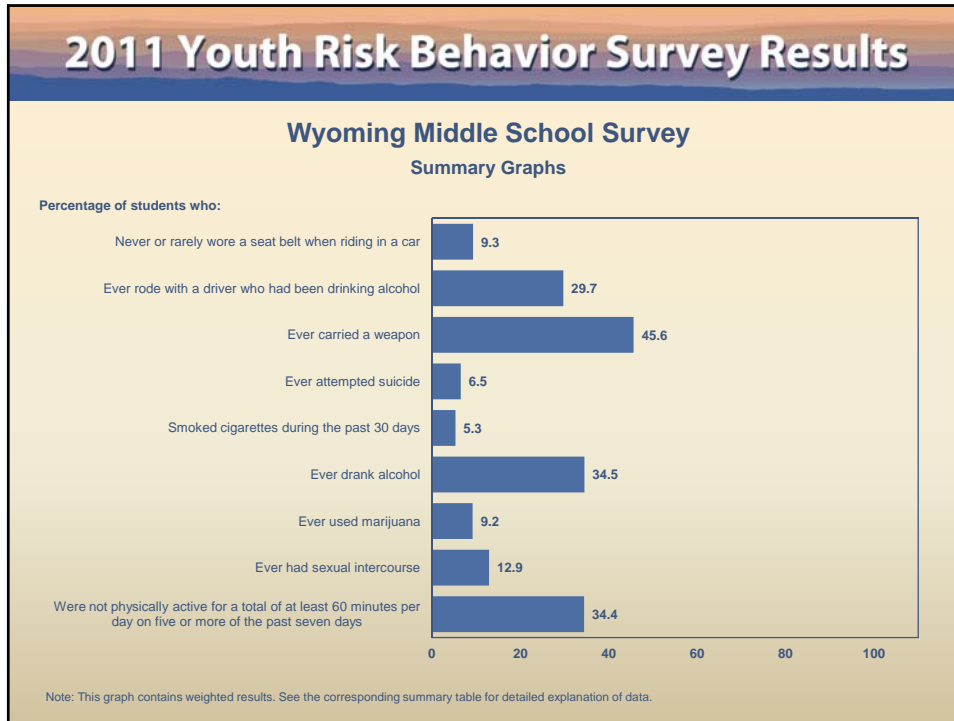
### Use of the Weighted Results

The weighted results can be used to make important inferences concerning the priority health-risk behaviors of all regular public school students in grades 9 through 12.

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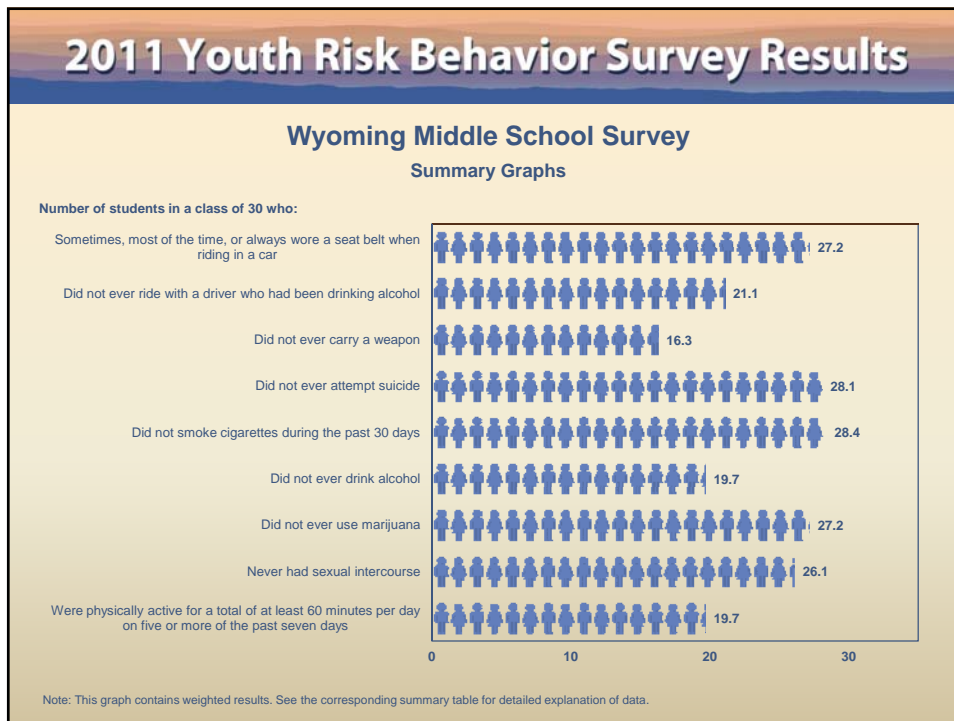
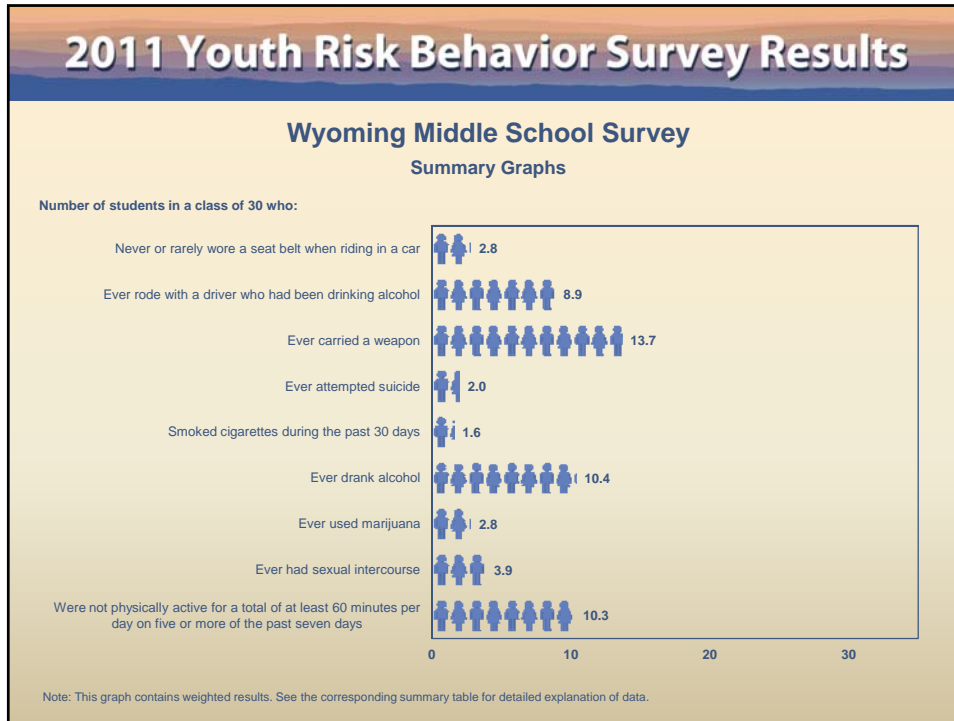
<sup>1</sup> Overall response rate is computed as (number of participating schools/number of eligible sampled schools) \* (number of usable questionnaires/number of eligible students sampled in participating schools), rounded to the nearest integer.

# Highlights of the 2011 YRBS Middle School Survey Positive vs. Negative Health Behaviors

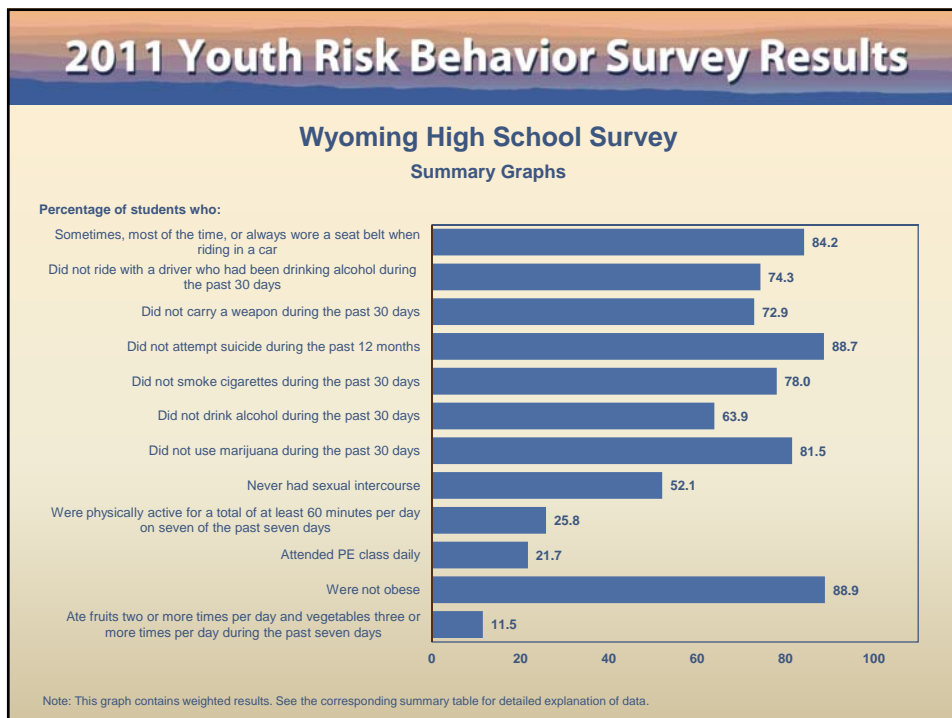
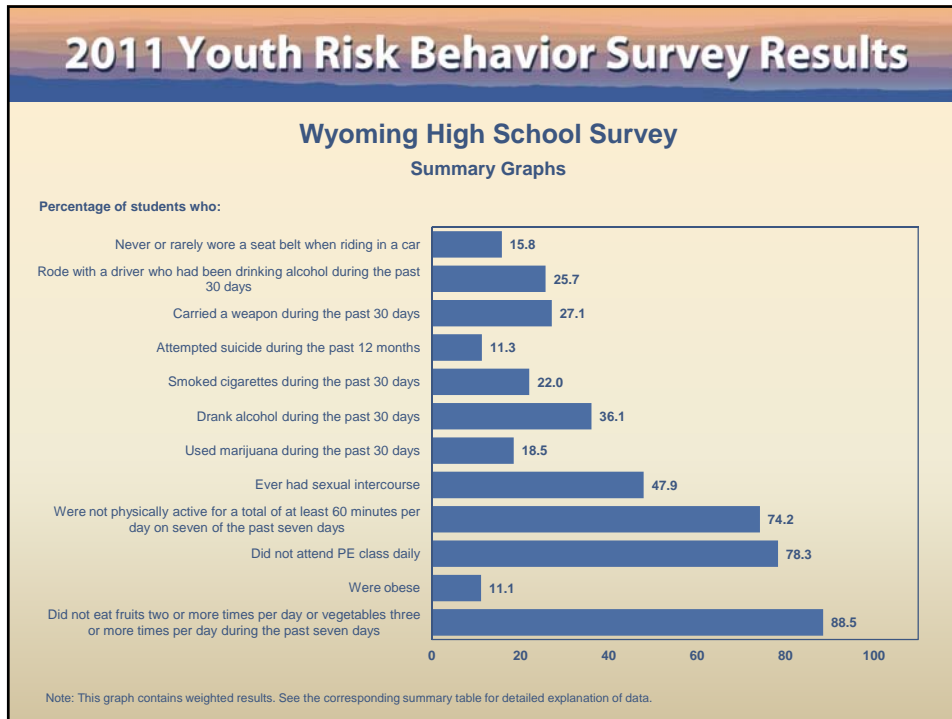




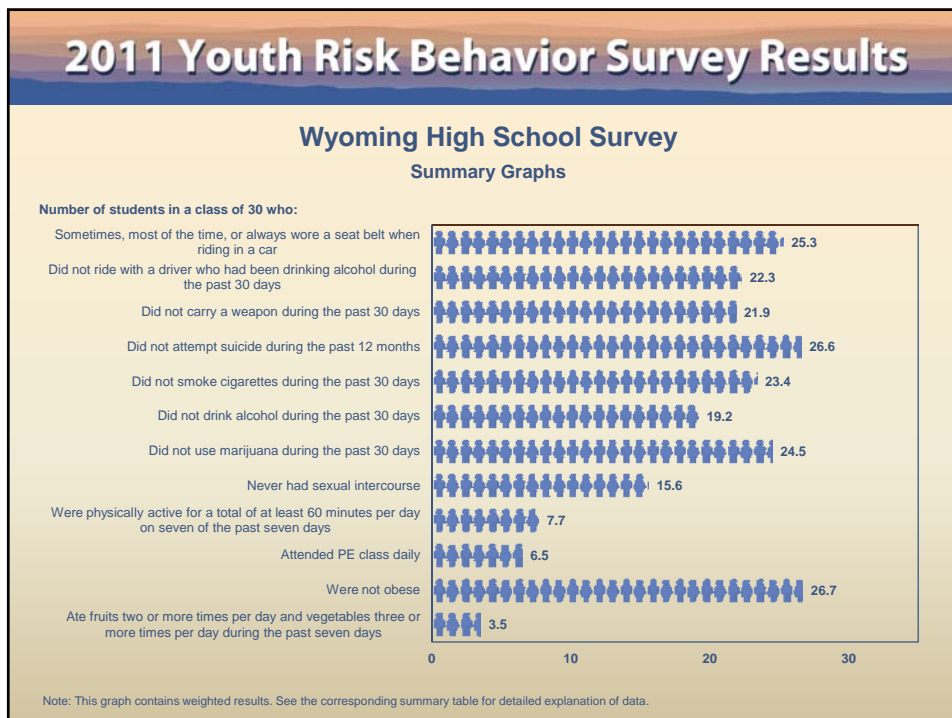
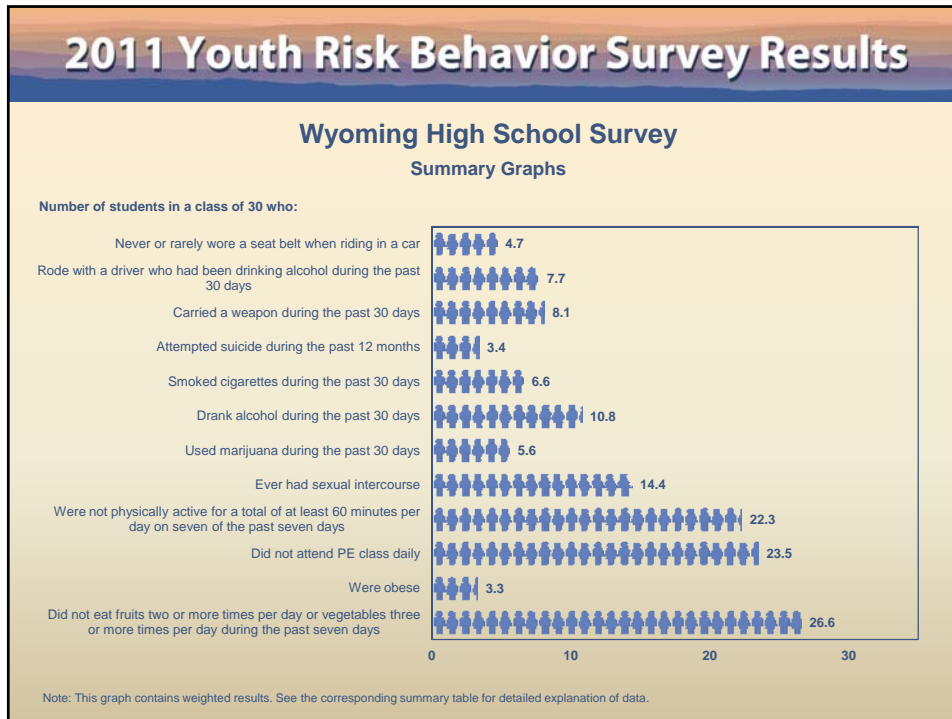
# Highlights of the 2011 YRBS Middle School Survey Positive vs. Negative Health Behaviors



# Highlights of the 2011 YRBS High School Survey Positive vs. Negative Health Behaviors



# Highlights of the 2011 YRBS High School Survey Positive vs. Negative Health Behaviors



## Trend Analysis Report

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### **Purpose:**

This Trend Analysis Report describes whether behaviors have increased, decreased, or stayed the same over time. The report provides this analysis for the total population, by sex, and by race/ethnicity categories.

### **Inclusion Criteria:**

A Trend Analysis Report is generated for sites that have weighted YRBS data in 2011 and in at least one other survey year since 1991. Sites that do not have weighted data in 2011 do not receive a Trend Analysis Report.

Only 2011 standard questions and supplemental variables calculated from those questions are included in the report. Site added questions are not included.

For each standard question, data from all weighted survey years are included in the analysis of that question. The one exception to this is when a standard question was not asked by the site in one of the weighted survey years. If a site did not ask a standard question in one of their weighted surveys, only data from the most recent year back to that point will be included in the analysis.

For example, suppose a site has weighted data from its 2005, 2007, 2009, and 2011 surveys. This site will get a Trend Analysis Report. It will include all standard 2011 questions for all of the weighted years (2005, 2007, 2009, and 2011). But if a particular standard question was not asked in 2007 for instance, only data for 2009 and 2011 will be used for that question in the Trend Analysis Report. Data from 2005 for that question will not be used because of the interruption in the use of this question in 2007.

### **Analyses:**

Logistic regression analysis is used to test for change over all the years of available data. The regression models control for changes in distributions by sex, race/ethnicity, and grade in the population and simultaneously assess linear and quadratic time effects. Logistic regression analysis uses all available years of data. It does not consider the oldest and the most recent data points only. Logistic regression analysis provides an appropriate test of change over long periods of time.

T-test analysis is used to test for change between just 2009 and 2011.

### **Trend Analysis Report Column Headings:**

**Question** – Every 2011 standard YRBS question asked and all supplemental variables calculated from those questions are included in this column. The text reflects the response or responses of interest for the particular question. Please refer to the *2011 Data User's Guide* in the Survey

Documentation section of this binder for more details on variable types and supplemental variables.

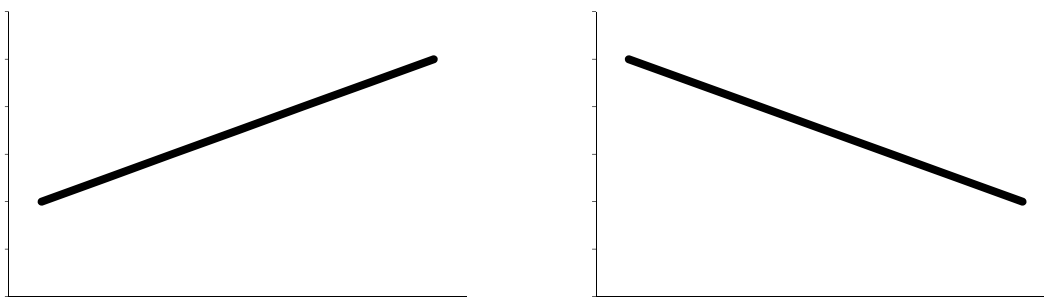
- **Prevalence** – These columns provide the prevalence estimate for each variable for each year included in the report. A blank for a given question or year signifies that weighted data were not available for that year, that the question was not asked, or that less than 100 students responded.
- **Linear Change and Quadratic Change** – These columns indicate whether there was a significant linear and/or quadratic change in prevalence over time. One type of change is not better or more important than the other. See below for an explanation of how to interpret the linear and quadratic results of the Trend Analysis Report.
- **2009-2011 Change** – This column indicates whether there was significant change just between 2009 and 2011. “Yes” indicates that the two prevalence estimates are different. “No” indicates that the two prevalences are not different.

**Note:** Special care should be used in interpreting trend results for behaviors that have very low prevalence. Trend analyses can be sensitive to the small number of students in the numerator of very low prevalence variables. See [Interpretation of YRBS Trend Data](#) on the YRBS website for more information on interpreting trend data.

**Interpretation of Results:**

**Linear change = YES; Quadratic change = NO**

This means the behavior either increased (A) or decreased (B) significantly over time. A graph of the trend line will be relatively straight.



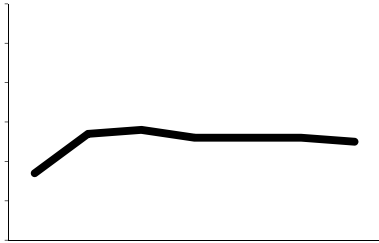
A

B

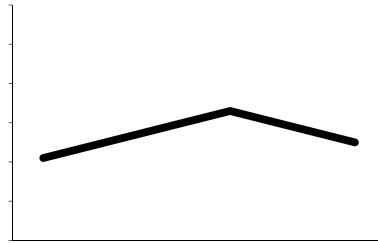
**Linear change = NO; Quadratic change = YES**

This means the behavior increased or decreased slightly over time, but not enough to be a significant linear change, and then leveled off (C); the behavior increased or decreased and then

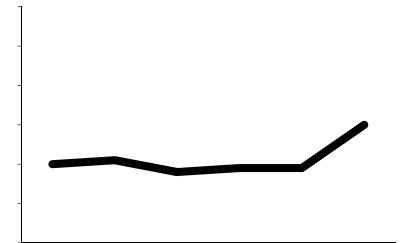
went in the opposite direction (D); or the behavior started out level and then increased or decreased over time, but not enough to be a significant linear change (E). A graph of the trend line will have a bend in it. At least three years of data are needed to test for a quadratic change.



C



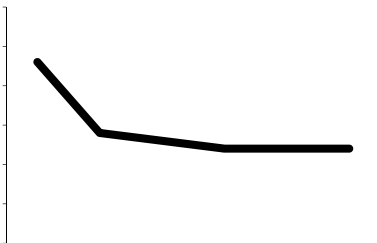
D



E

**Linear change = YES; Quadratic change = YES**

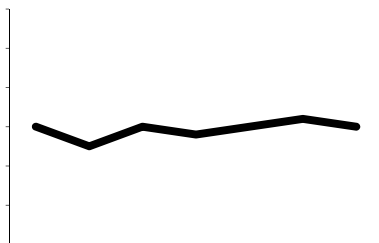
This means that while there was an overall significant increase or decrease in the behavior over time, the behavior has either leveled off or begun to move in the opposite direction (F). A graph of the trend line will have a bend in it.



F

**Linear change = NO; Quadratic change = NO**

This means that there was no significant change in the behavior over time. A graph of the trend line will be relatively flat (G).



G

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Question	Prevalence						Linear Change	Quadratic Change	2009-2011 Change					
	Survey Year													
Total	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
<b>Injury and Violence</b>														
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet						70.5	70.0	68.8	70.2	71.6	75.3	Yes	Yes	Yes
Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet						77.3	74.1	73.5	75.0	77.2	81.3	Yes	Yes	Yes
Percentage of students who never or rarely wore a seat belt when riding in a car						14.7	15.7	11.9	10.0	8.9	9.3	Yes	No	No
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol						42.9	40.1	35.7	35.7	35.3	29.7	Yes	No	Yes
Percentage of students who ever carried a weapon, such as a gun, knife, or club						43.5	49.3	50.8	51.6	55.1	45.6	Yes	Yes	Yes
Percentage of students who have ever been in a physical fight						56.7	55.3	54.0	57.7	53.1	49.5	Yes	No	Yes
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse						7.3	7.2	7.1	8.8	8.6	7.2	No	No	No
Percentage of students who had ever been bullied on school property										53.2	54.4	No		No
Percentage of students who ever seriously thought about killing themselves						22.1	22.6	22.4	23.2	21.2	21.9	No	No	No
Percentage of students who ever made a plan about how they would kill themselves						15.0	16.3	15.8	16.5	14.2	14.7	No	No	No
Percentage of students who ever tried to kill themselves						9.1	9.6	8.4	9.3	7.9	6.5	Yes	Yes	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey

Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Tobacco Use</b>																
Percentage of students who ever tried cigarette smoking, even one or two puffs						40.4	35.0	29.6	28.3	25.9	22.5	Yes	No	Yes		
Percentage of students who smoked a whole cigarette for the first time before age 11 years									8.7	6.4	6.0	Yes	No	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days						10.4	10.2	8.6	7.8	7.2	5.3	Yes	No	Yes		
Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days						5.8	10.1	9.5	6.7	5.3	5.3	No	No	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days						2.8	3.2	2.7	2.8	2.0	1.2	Yes	Yes	Yes		
Among students who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days						3.4	4.0	5.5	2.3	3.1	3.9	No	No	No		
Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days						8.4	6.8	5.6	5.5	4.2	3.6	Yes	No	No		
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days						5.6	6.2	6.4	4.8	5.9	5.4	No	No	No		



2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey

Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Alcohol and Other Drug Use</b>																
Percentage of students who ever had a drink of alcohol, other than a few sips						47.0	45.8	39.3	38.4	36.6	34.5	Yes	No	No		
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									19.0	15.3	14.0	Yes	No	No		
Percentage of students who ever used marijuana						12.7	13.3	11.7	10.7	9.6	9.2	Yes	No	No		
Percentage of students who tried marijuana for the first time before age 11 years									3.9	3.2	3.0	Yes	No	No		
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase						4.8	6.1	4.8	4.6	3.6	3.5	Yes	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Sexual Behaviors</b>																
Percentage of students who ever had sexual intercourse						13.6	15.9	15.5	14.3	14.8	12.9	No	Yes	No		
Percentage of students who had sexual intercourse for the first time before age 11 years									3.9	3.5	3.9	No	No	No		
Percentage of students who ever had sexual intercourse with three or more people									6.0	5.5	5.0	No	No	No		
Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse						59.6	63.7	69.7	67.8	72.1	67.2	No	Yes	No		
Percentage of students who had ever been taught in school about AIDS or HIV infection						74.0	74.6	65.6	57.8	59.3	51.8	Yes	No	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey  
Trend Analysis Report

Question	Prevalence						Linear Change	Quadratic Change	2009-2011 Change					
	Survey Year													
Total	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
<b>Weight Management and Dietary Behaviors</b>														
Percentage of students who described themselves as slightly or very overweight						26.0	27.0	25.4	24.5	24.4	23.1	Yes	No	No
Percentage of students who were trying to lose weight						41.9	40.6	42.1	40.7	40.8	40.3	No	No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight						18.7	19.9	15.4	15.4	17.2	19.2	No	Yes	No
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight						7.0	7.7	6.2	6.4	4.7	3.7	Yes	Yes	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight						6.0	6.2	5.9	6.5	5.1	5.3	No	No	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming Middle School Survey

Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Physical Activity</b>																
Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days									62.3	61.7	65.6	No	No	Yes		
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days									8.0	7.7	7.5	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days									36.5	36.7	39.5	No	No	No		
Percentage of students who watched three or more hours per day of TV on an average school day						30.5	31.4	30.5	26.3	27.8	25.1	Yes	No	Yes		
Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day									17.0	18.0	21.9	Yes	No	Yes		
Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school						90.0	88.0	89.8	87.4	89.3	88.2	No	No	No		
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school						47.8	55.9	49.2	44.6	46.2	38.8	Yes	Yes	Yes		
Percentage of students who played on one or more sports teams during the past 12 months									75.0	72.9	74.3	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

**Wyoming Middle School Survey  
Trend Analysis Report**

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Other</b>																
Percentage of students who had ever been told by a doctor or nurse that they had asthma										18.2	17.6	18.0	No	No	No	
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma										10.1	9.3	10.2	No	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011	
<b>Total</b>															
<b>Injury and Violence</b>															
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet			93.8	90.3	88.7	86.2	87.3	83.1	81.5	84.0	83.6	Yes	Yes	No	
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else			33.4	32.9	24.0	20.0	18.6	15.7	15.3	16.5	15.8	Yes	Yes	No	
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol			42.3	40.9	38.7	35.9	32.2	29.7	29.4	28.9	25.7	Yes	No	Yes	
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol			22.4	21.6	23.3	20.2	19.2	15.3	15.6	13.0	11.7	Yes	Yes	No	
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days			25.6	25.6	24.0	22.9	24.6	28.0	26.8	26.0	27.1	No	No	No	
Percentage of students who carried a gun on one or more of the past 30 days			10.8	10.4	9.3	10.1	9.5	11.2	11.5	11.5	10.8	No	No	No	
Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days			14.1	13.1	11.8	8.4	10.1	10.0	11.4	11.5	10.5	Yes	Yes	No	
Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school			3.4	4.3	3.0	8.0	5.4	6.1	6.1	6.1	6.1	Yes	Yes	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Injury and Violence</b>																
Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months			7.3	7.3	8.1	9.4	9.7	7.8	8.3	9.4	7.3	No	Yes	Yes		
Percentage of students who were in a physical fight one or more times during the past 12 months			35.6	34.0	31.5	31.4	31.2	30.4	27.9	30.9	26.5	Yes	No	Yes		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse			4.8	3.6	3.1	2.9	3.4	3.7	4.9	3.9	4.1	No	Yes	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months			16.8	14.0	12.9	13.5	12.7	12.2	11.6	12.6	11.3	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months					10.2	9.5	7.9	13.3	14.7	15.0	14.2	Yes	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to						8.1	9.2	10.3	12.5	13.2	12.2	Yes	Yes	No		
Percentage of students who had ever been bullied on school property during the past 12 months										24.4	25.0	No		No		
Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months					22.9	26.2	30.2	26.3	28.2	26.9	25.5	No	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Injury and Violence</b>																
Percentage of students who seriously considered attempting suicide during the past 12 months			23.6	22.4	16.7	18.5	21.0	17.4	17.8	17.3	17.4	Yes	No	No		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months			17.4	19.0	13.3	14.2	15.8	15.7	17.8	15.3	14.2	No	No	No		
Percentage of students who actually attempted suicide one or more times during the past 12 months			8.3	8.4	6.6	7.4	9.1	8.7	10.5	9.4	11.3	Yes	No	Yes		
Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse			2.6	2.3	2.5	2.4	3.4	2.7	4.2	4.0	4.9	Yes	No	No		



2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Tobacco Use</b>																
Percentage of students who ever tried cigarette smoking, even one or two puffs			73.0	74.1	69.3	64.6	56.1	56.9	54.4	52.5	48.1	Yes	No	No		
Percentage of students who smoked a whole cigarette for the first time before age 13 years			30.9	29.1	25.9	24.1	21.5	18.2	19.0	15.8	13.7	Yes	No	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days			39.5	37.4	35.2	28.4	26.0	22.5	20.8	22.1	22.0	Yes	Yes	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days			19.4	20.3	19.3	13.6	13.3	10.1	9.9	9.8	10.2	Yes	No	No		
Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days			14.4	16.8	15.0	11.9	12.5	9.6	13.4	13.4	12.3	No	No	No		
Among students who were less than 18 years of age and who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days						11.9	9.8	13.2	9.4	14.5	11.3	No	No	No		
Percentage of students who smoked cigarettes on school property on one or more of the past 30 days			17.2	16.6	15.9	10.7	10.2	6.8	7.5	8.2	7.1	Yes	No	No		
Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days						20.7	18.9	16.6	15.8	16.3	16.0	Yes	No	No		
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						58.2	57.8	57.4	55.7	55.3	54.7	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

**Wyoming High School Survey  
Trend Analysis Report**

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Tobacco Use</b>																
Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days			25.1	22.5	17.7	18.1	13.3	14.3	14.7	16.2	15.1	Yes	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Alcohol and Other Drug Use</b>																
Percentage of students who had at least one drink of alcohol on one or more days during their life			81.1	80.7	82.2	82.3	76.2	77.2	76.1	71.8	65.7	Yes	Yes	Yes		
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years			42.0	40.5	36.3	33.9	34.7	27.0	28.8	26.1	23.5	Yes	No	No		
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days			52.1	55.0	54.8	51.3	49.0	45.4	42.4	41.7	36.1	Yes	Yes	Yes		
Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days			38.8	40.6	39.5	38.1	34.6	32.0	29.4	27.8	25.1	Yes	Yes	No		
Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days									32.9	36.3	40.0	Yes	No	No		
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days			7.3	7.4	6.5	6.1	6.2	6.2	6.9	6.4	5.1	Yes	No	Yes		
Percentage of students who used marijuana one or more times during their life			38.1	42.8	42.9	41.0	39.4	38.0	34.5	35.0	35.9	Yes	Yes	No		
Percentage of students who tried marijuana for the first time before age 13 years			8.3	10.3	10.6	9.8	10.8	10.4	10.6	9.3	9.3	No	Yes	No		
Percentage of students who used marijuana one or more times during the past 30 days			21.9	23.4	21.4	20.4	20.4	17.8	14.4	16.9	18.5	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Alcohol and Other Drug Use</b>																
Percentage of students who used marijuana on school property one or more times during the past 30 days			6.7	8.0	4.7	4.4	5.1	4.0	4.7	5.3	4.7	Yes	Yes	No		
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life			9.5	11.4	9.8	9.5	10.7	10.2	8.7	8.4	8.6	Yes	No	No		
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during the past 30 days			4.7	5.8	3.7	4.3	4.3	3.9	3.6	3.4	3.5	Yes	No	No		
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			28.0	25.7	17.6	16.0	14.0	17.1	16.7	15.9	14.4	Yes	Yes	No		
Percentage of students who used heroin one or more times during their life					2.9	2.9	2.9	3.7	5.2	4.2	4.5	Yes	No	No		
Percentage of students who used methamphetamines one or more times during their life					12.6	10.7	11.6	8.5	6.0	4.9	5.2	Yes	No	No		
Percentage of students who used ecstasy one or more times during their life							6.3	7.4	7.7	8.9	9.4	Yes	No	No		
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life			4.7	6.1	4.9	5.3	4.4	4.8	5.8	5.3	5.2	No	No	No		
Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life			2.8	3.8	2.8	2.6	3.1	3.1	3.6	3.9	4.0	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

**Wyoming High School Survey  
Trend Analysis Report**

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Alcohol and Other Drug Use</b>																
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months			24.3	31.5	20.3	18.9	18.1	22.7	24.7	23.7	25.2	No	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Sexual Behaviors</b>																
Percentage of students who ever had sexual intercourse			48.9	45.0	47.9	46.5	45.8	47.1	47.2	50.6	47.9	No	No	No		
Percentage of students who had sexual intercourse for the first time before age 13 years			8.9	6.2	6.2	5.2	5.8	5.2	6.0	5.9	6.0	Yes	Yes	No		
Percentage of students who had sexual intercourse with four or more people during their life			16.4	16.9	16.1	13.8	16.1	15.5	14.5	17.9	17.3	No	No	No		
Percentage of students who had sexual intercourse with one or more people during the past three months			32.0	30.6	34.5	32.9	31.8	34.7	33.7	37.8	34.7	Yes	No	No		
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse			30.1	33.3	31.3	30.2	27.4	24.7	25.0	24.5	26.7	Yes	No	No		
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse			53.7	49.5	57.2	61.8	64.0	64.9	63.1	61.7	58.6	Yes	Yes	No		
Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse			22.2	21.5	20.7	25.7	22.7	24.9	21.5	23.7	21.5	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who used Depo-Provera (injectable birth control) to prevent pregnancy before last sexual intercourse						5.3	5.6	4.0	6.1	3.5	4.2	9.0	No	Yes	Yes	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey

Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Sexual Behaviors</b>																
Among students who had sexual intercourse during the past three months, the percentage who used Depo-Provera (injectable birth control) or birth control pills to prevent pregnancy before last sexual intercourse					26.0	31.3	26.7	31.0	25.0	27.9	30.6	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse and used birth control pills or Depo-Provera before last sexual intercourse to prevent pregnancy					8.8	12.1	10.8	14.3	9.7	11.4	11.0	No	No	No		
Percentage of students who had ever been taught in school about AIDS or HIV infection			88.9	92.4	89.6	89.9	88.3	89.5	85.7	84.6	82.6	Yes	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Weight Management and Dietary Behaviors</b>																
Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex)**					10.6	10.6	11.7	12.1	11.3	12.4	12.0	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**					6.1	6.5	7.2	8.3	9.2	9.7	11.1	Yes	No	No		
Percentage of students who described themselves as slightly or very overweight			26.9	27.6	28.4	27.5	29.2	29.2	27.5	29.1	27.3	No	No	No		
Percentage of students who were trying to lose weight			40.3	42.0	40.4	41.7	43.1	42.3	40.2	44.3	41.8	No	No	No		
Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days					12.7	13.5	12.7	12.5	14.3	13.9	13.1	No	No	No		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days					6.6	7.8	7.7	7.3	7.9	6.5	8.1	No	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			6.0	6.6	4.3	4.8	5.5	6.8	6.8	6.1	6.9	Yes	No	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days					83.1	84.3	82.3	80.0	79.9	79.2	79.3	Yes	No	No		
Percentage of students who ate fruit one or more times during the past seven days					87.5	88.4	88.2	85.7	85.8	87.8	87.4	No	No	No		

\*\*Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.



2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Weight Management and Dietary Behaviors</b>																
Percentage of students who ate green salad one or more times during the past seven days					75.5	74.8	77.1	70.7	71.2	70.2	71.0	Yes	No	No		
Percentage of students who ate potatoes one or more times during the past seven days					81.4	80.5	80.9	76.1	73.3	75.5	73.4	Yes	No	No		
Percentage of students who ate carrots one or more times during the past seven days					57.1	55.3	57.8	55.2	55.7	57.2	57.5	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days					87.8	86.7	87.4	84.1	82.9	84.1	84.6	Yes	Yes	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days					21.6	21.0	22.5	16.8	17.3	19.1	22.1	No	Yes	Yes		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days					11.2	11.1	11.9	7.6	8.7	9.9	11.5	No	Yes	No		
Percentage of students who ate fruits two or more times per day during the past seven days					31.4	29.7	30.3	25.6	25.5	26.8	29.8	Yes	Yes	Yes		
Percentage of students who ate vegetables three or more times per day during the past seven days					15.7	16.5	16.4	11.9	13.0	16.0	17.5	No	Yes	No		
Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days									27.9	27.0	25.9	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

Wyoming High School Survey  
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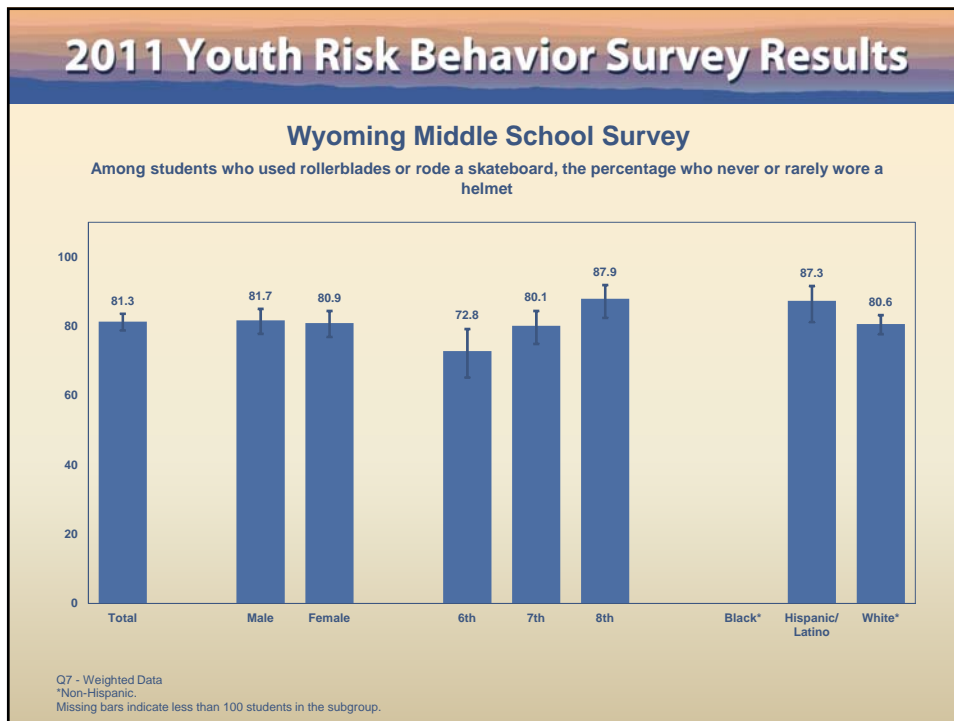
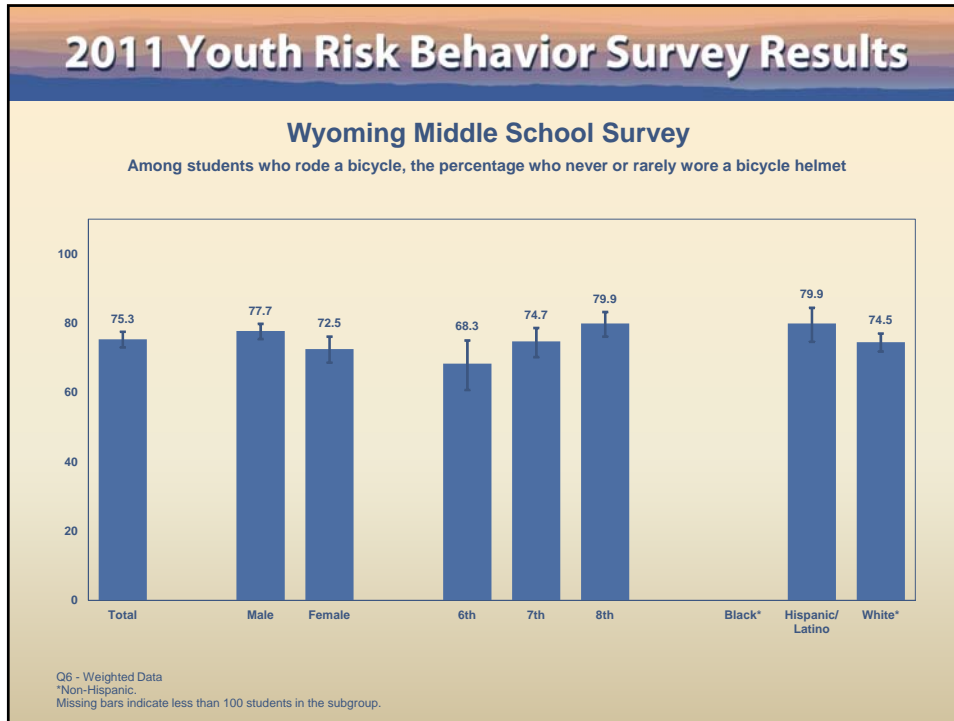
Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
<b>Total</b>																
<b>Physical Activity</b>																
Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days								36.0	48.2	48.9	50.1	Yes	Yes	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								22.4	14.3	13.6	14.0	Yes	Yes	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								16.7	26.4	25.6	25.8	Yes	Yes	No		
Percentage of students who watched three or more hours per day of TV on an average school day					27.4	24.7	26.6	22.3	20.8	22.0	20.6	Yes	No	No		
Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day									16.3	16.3	20.4	Yes	Yes	Yes		
Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school			58.0	53.3	60.8	58.2	52.9	54.5	53.5	57.4	56.3	No	No	No		
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school			36.4	29.2	33.1	30.9	23.2	21.5	21.9	22.7	21.7	Yes	No	No		
Percentage of students who played on one or more sports teams during the past 12 months					58.9	63.8	56.3	59.5	59.8	60.3	62.7	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

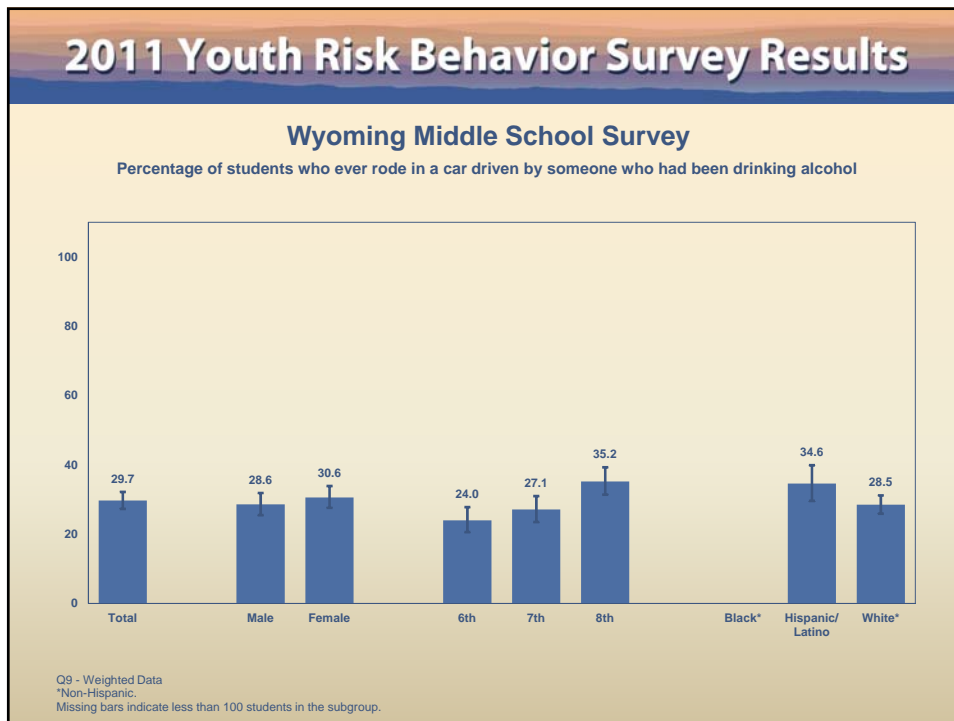
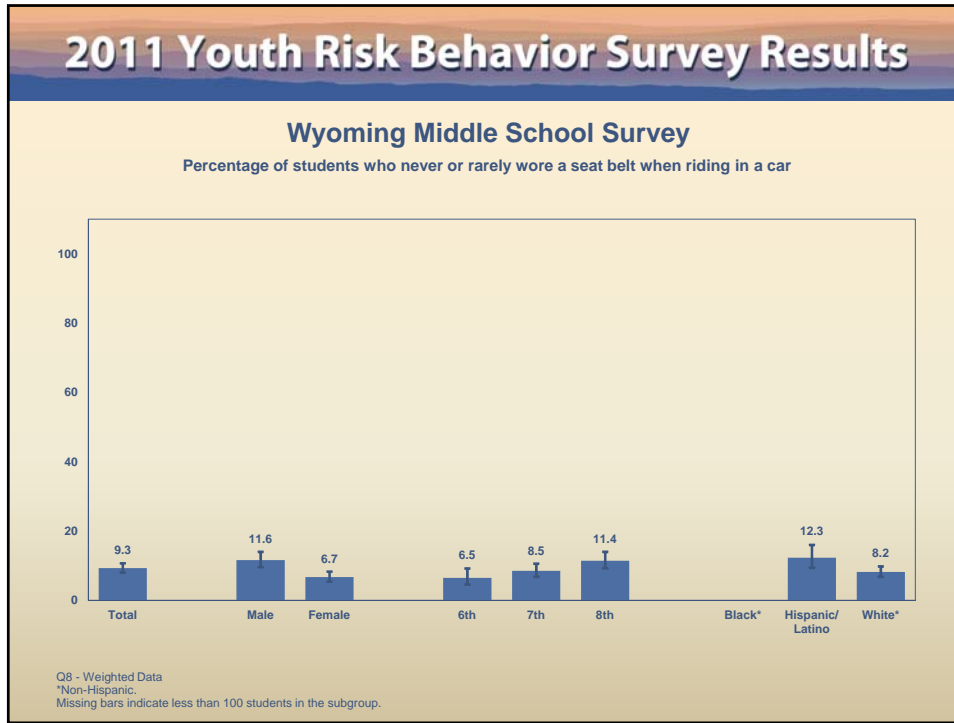
Wyoming High School Survey  
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Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				
<b>Total</b>															
<b>Other</b>															
Percentage of students who had ever been told by a doctor or nurse that they had asthma								18.5	23.1	21.2	25.3	Yes	No	Yes	
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma								11.7	11.2	12.4		No	No	No	

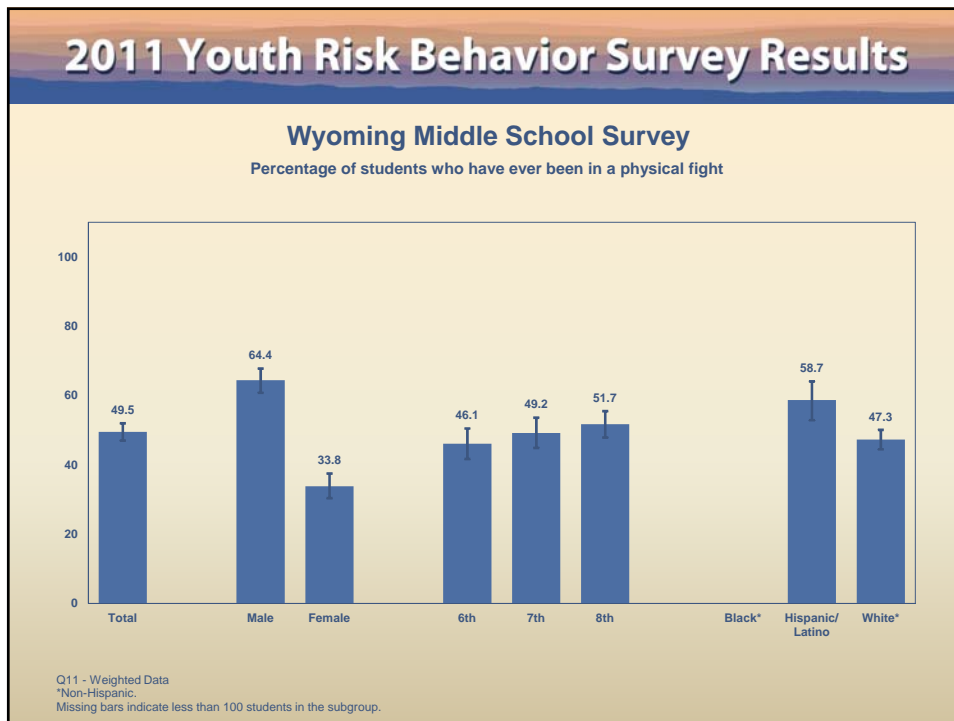
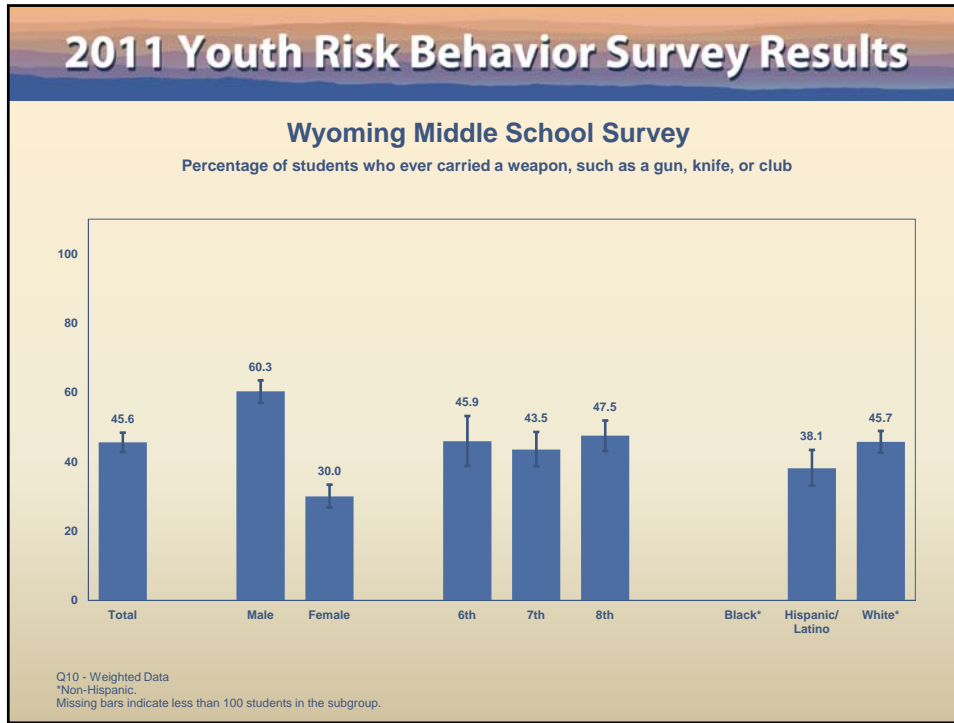
# Injury and Violence - Middle School



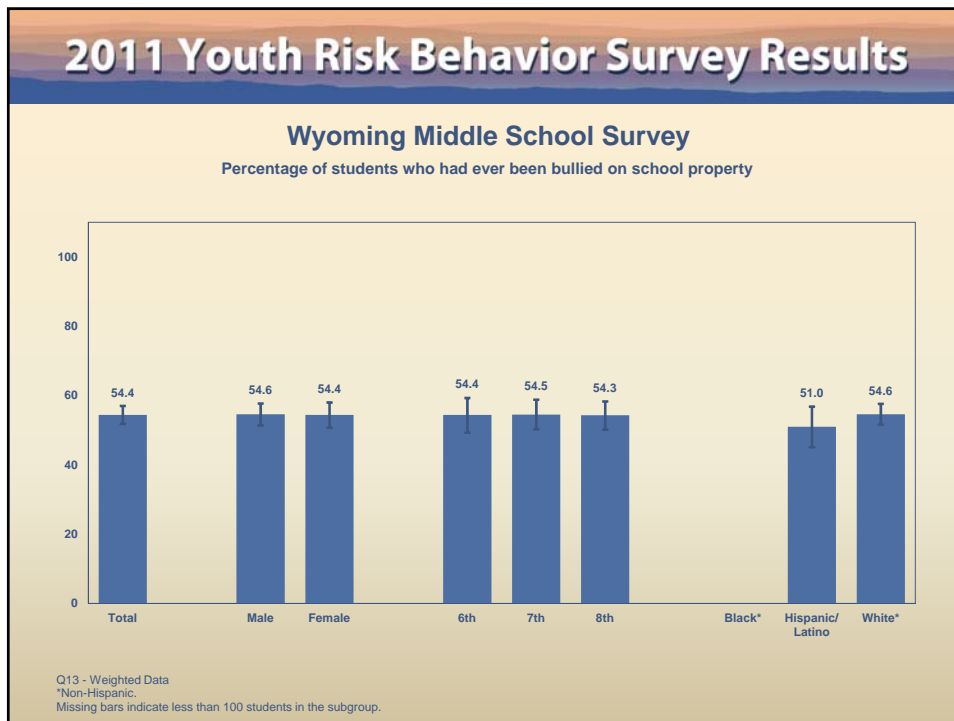
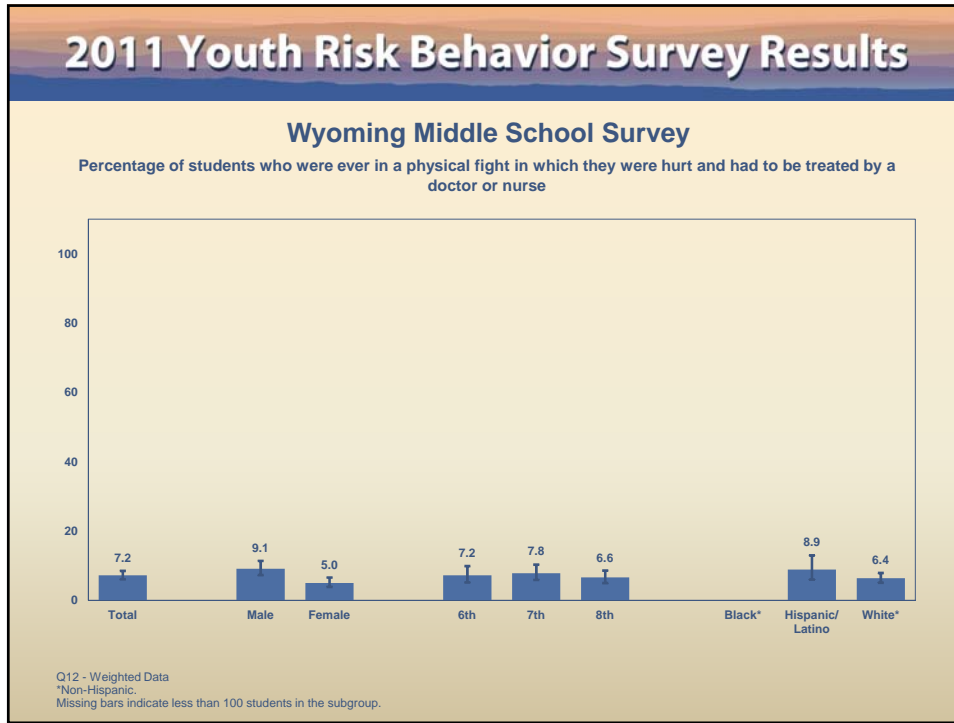
# Injury and Violence - Middle School



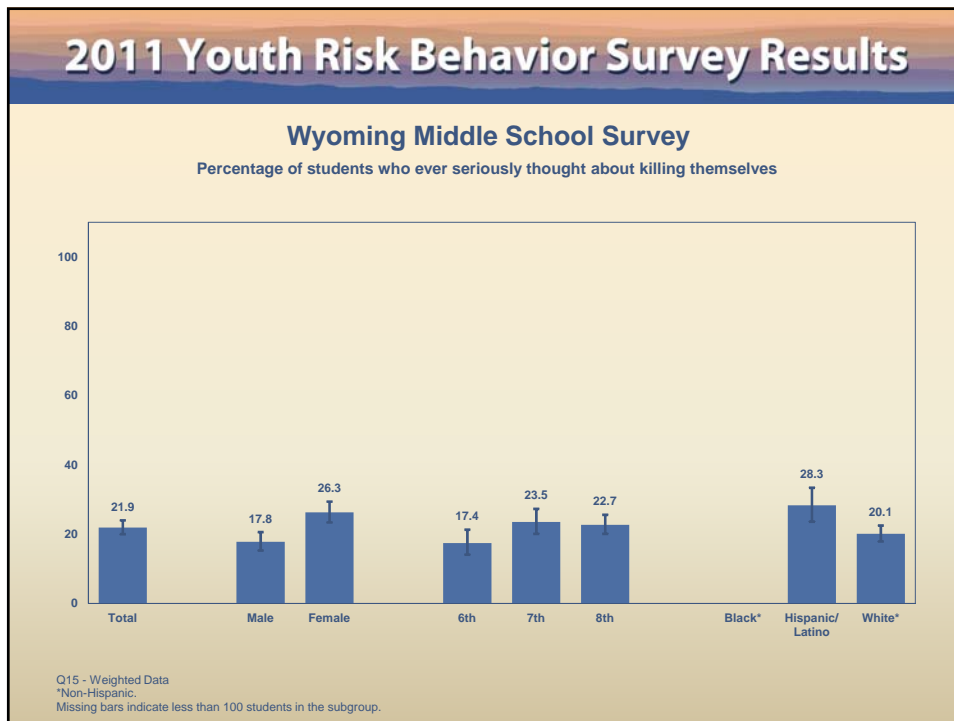
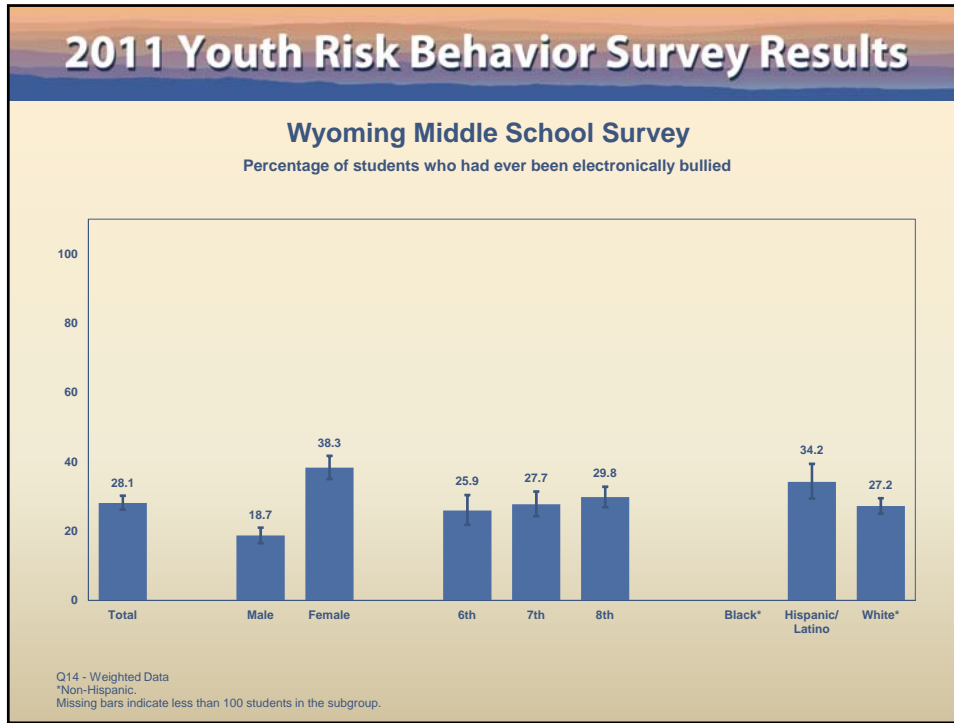
# Injury and Violence - Middle School



# Injury and Violence - Middle School

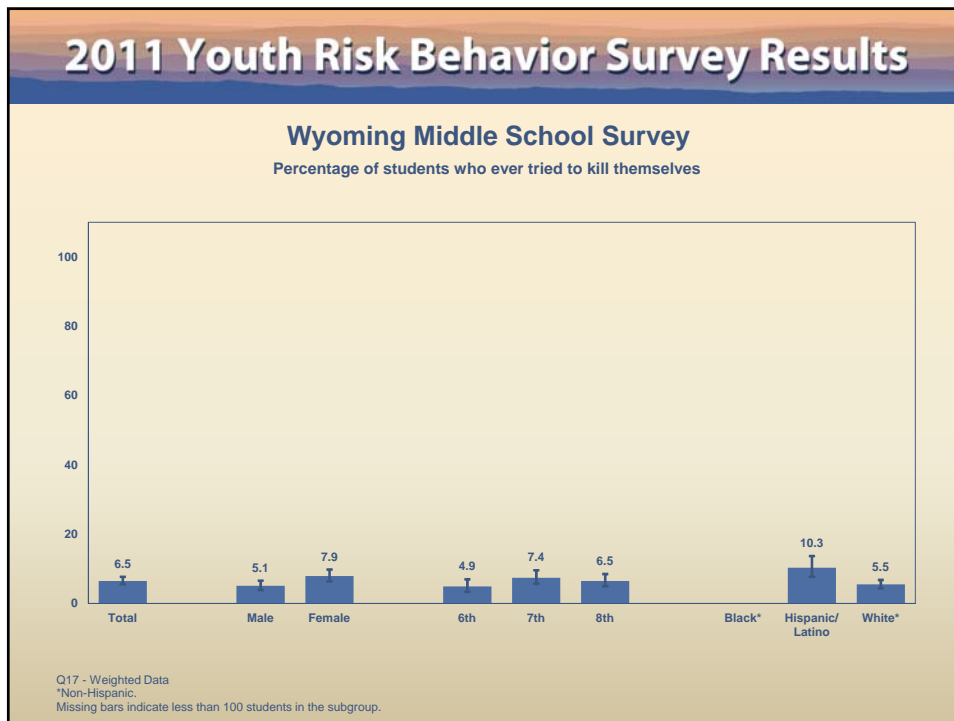
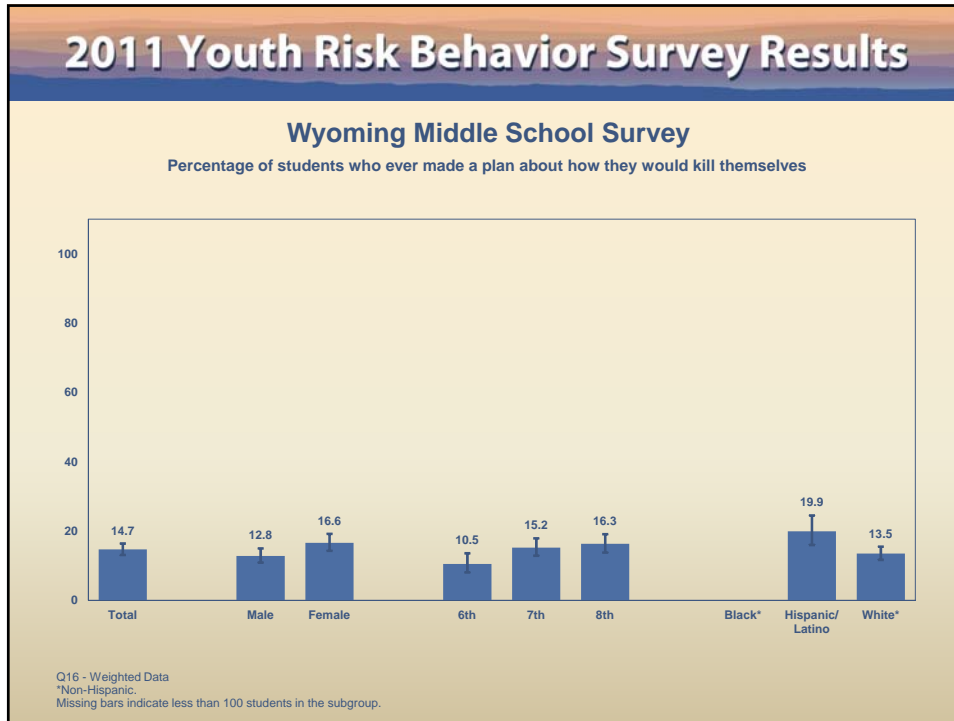


# Injury and Violence - Middle School

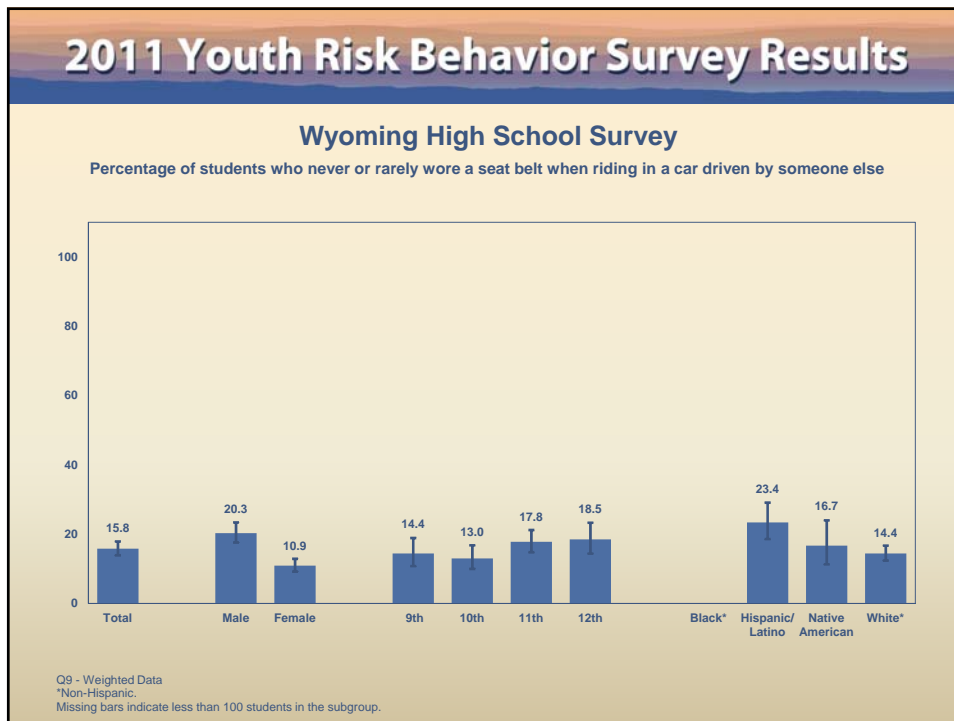
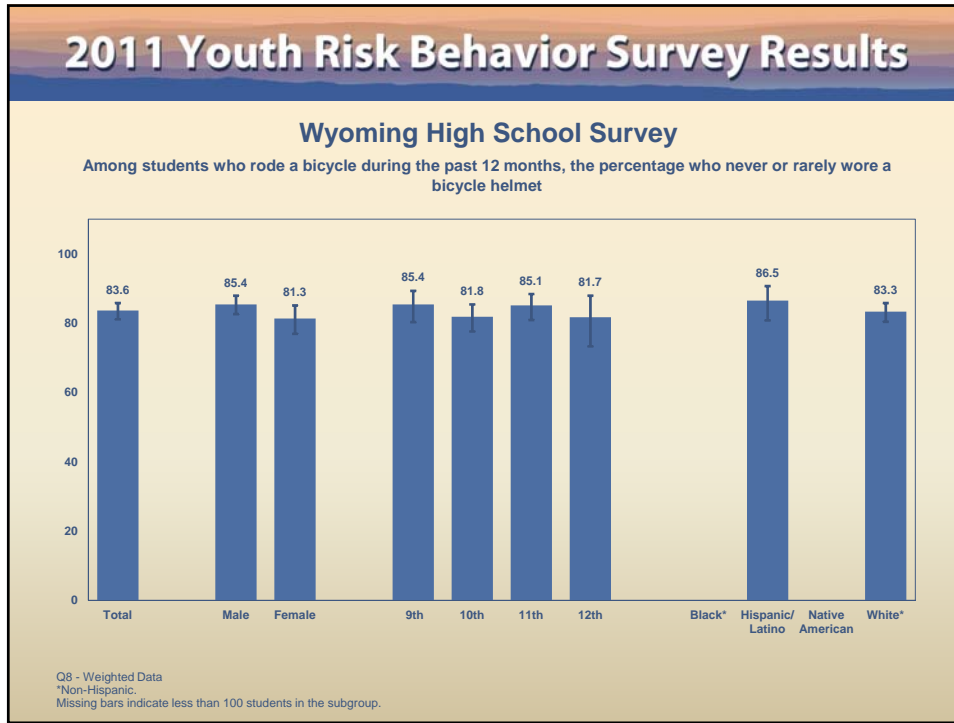




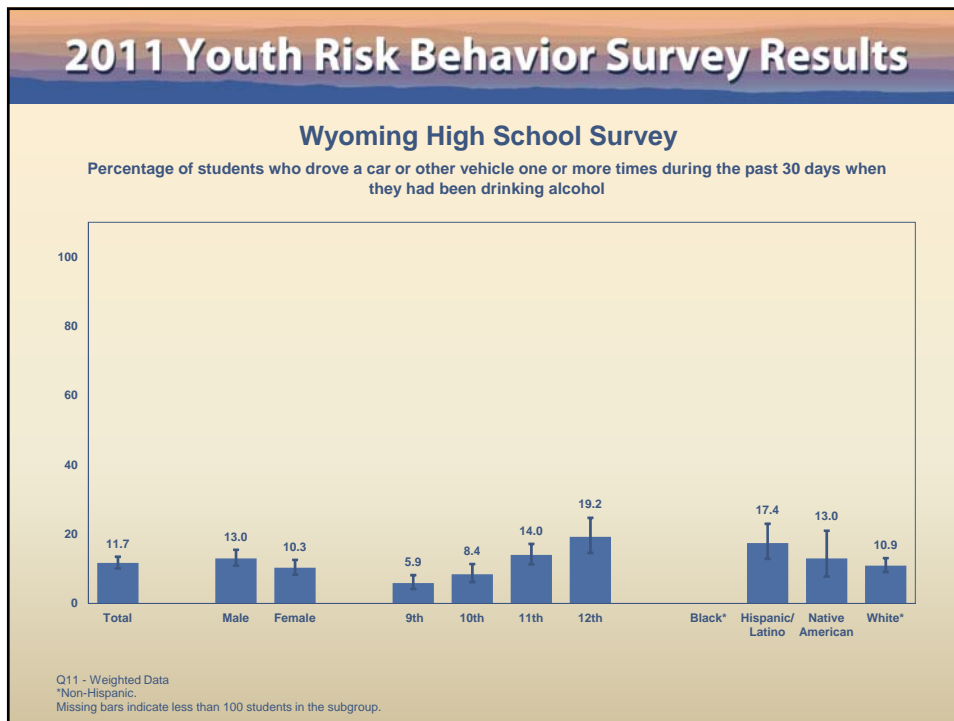
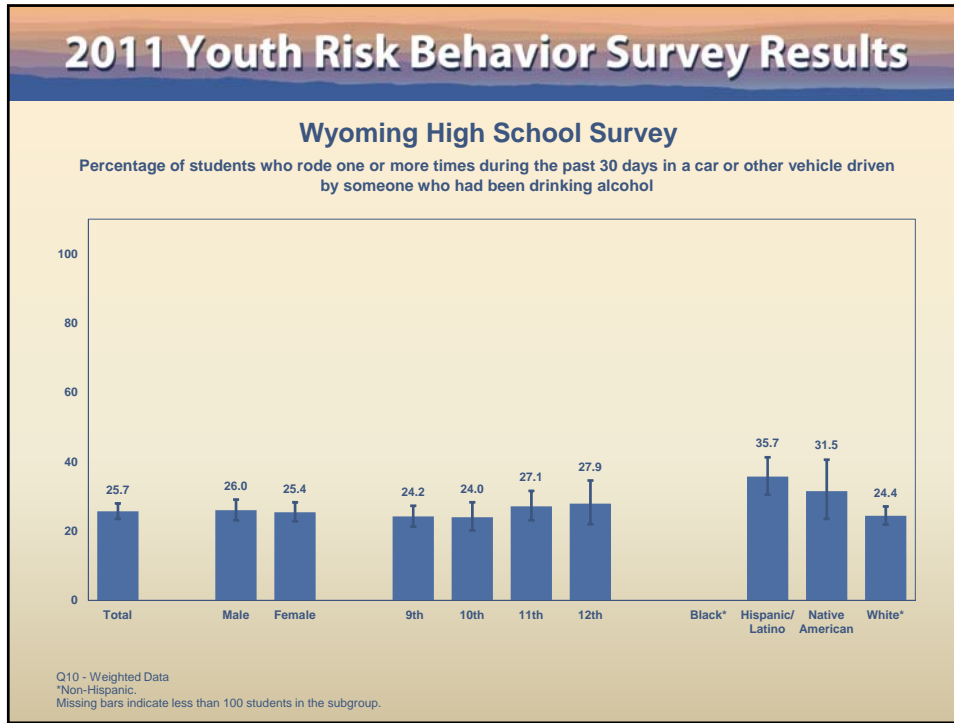
# Injury and Violence - Middle School



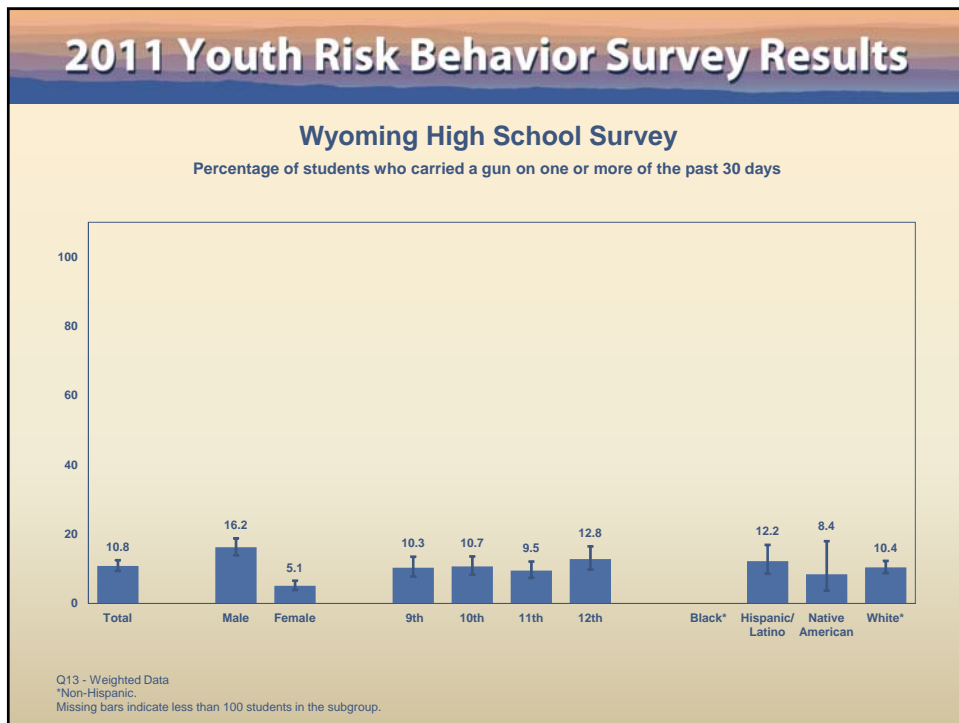
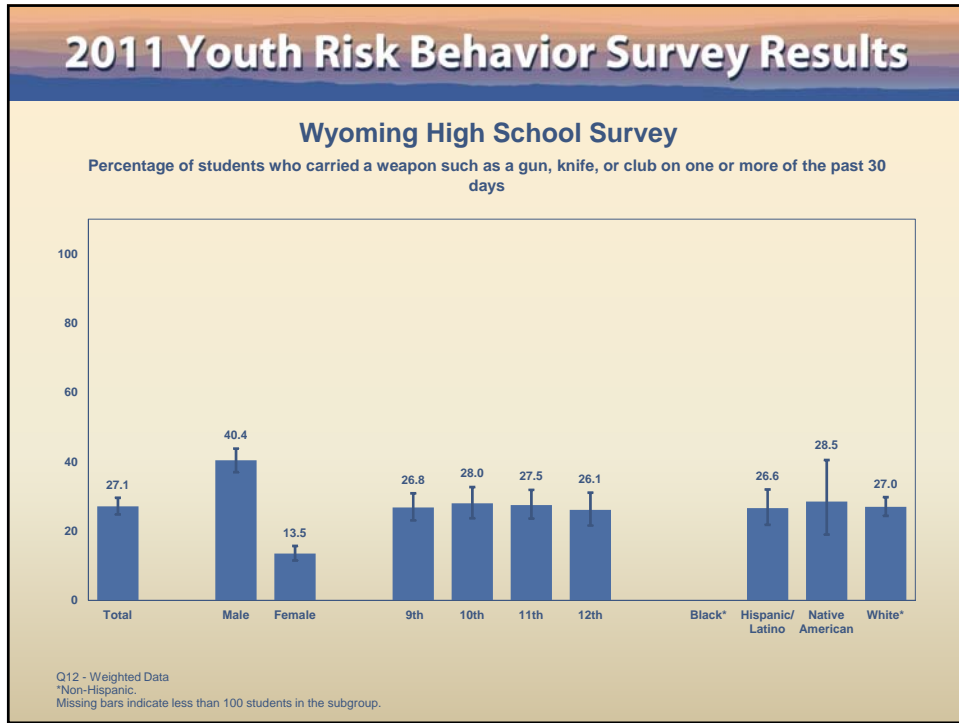
# Injury and Violence - High School



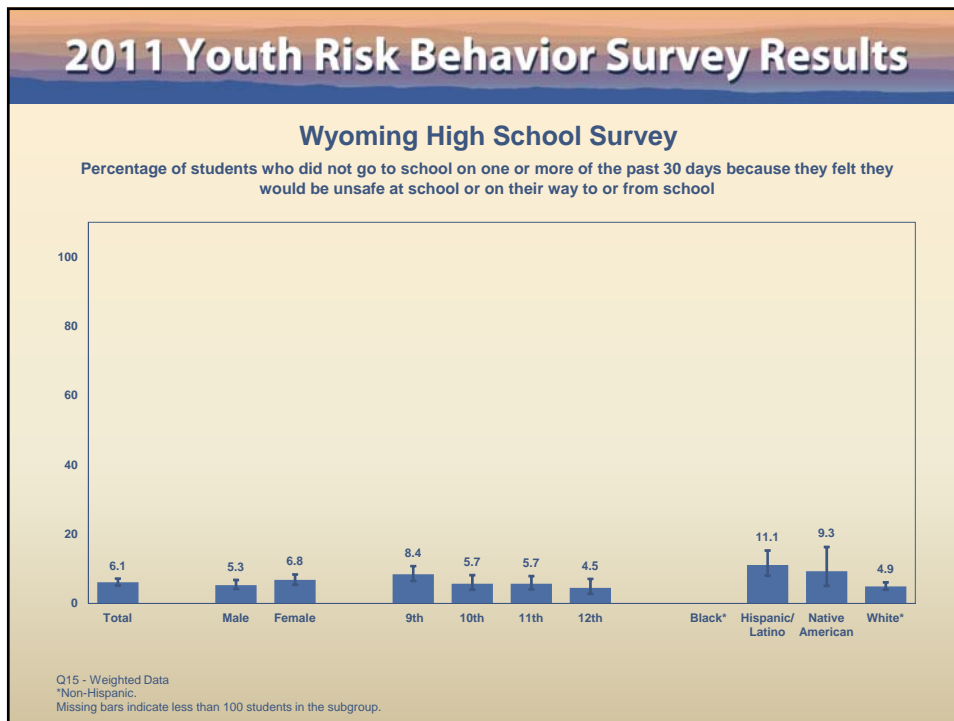
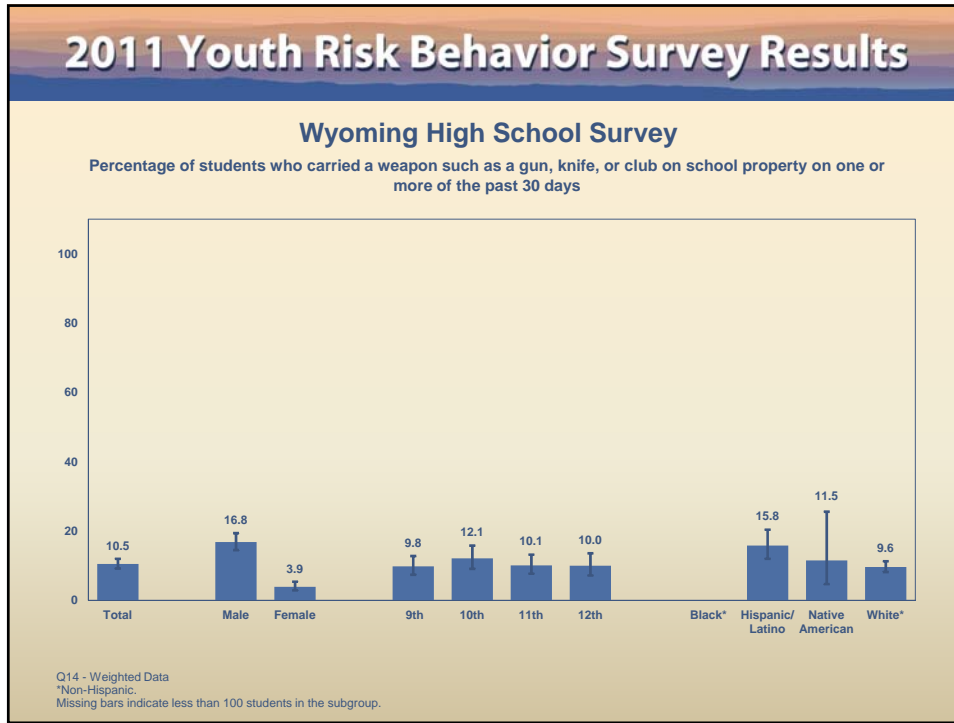
# Injury and Violence - High School



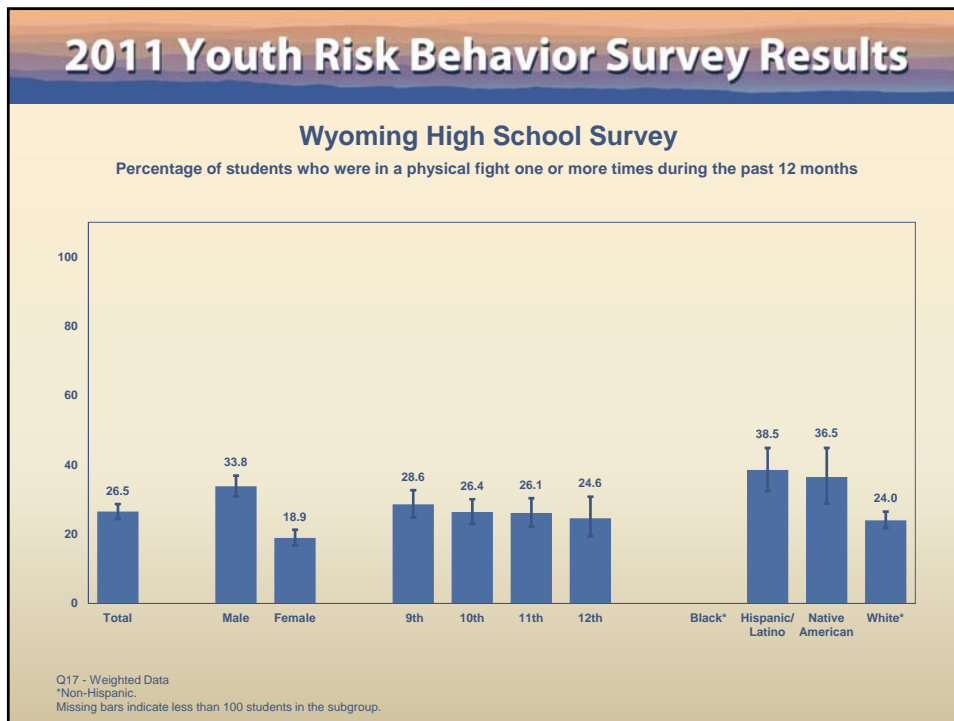
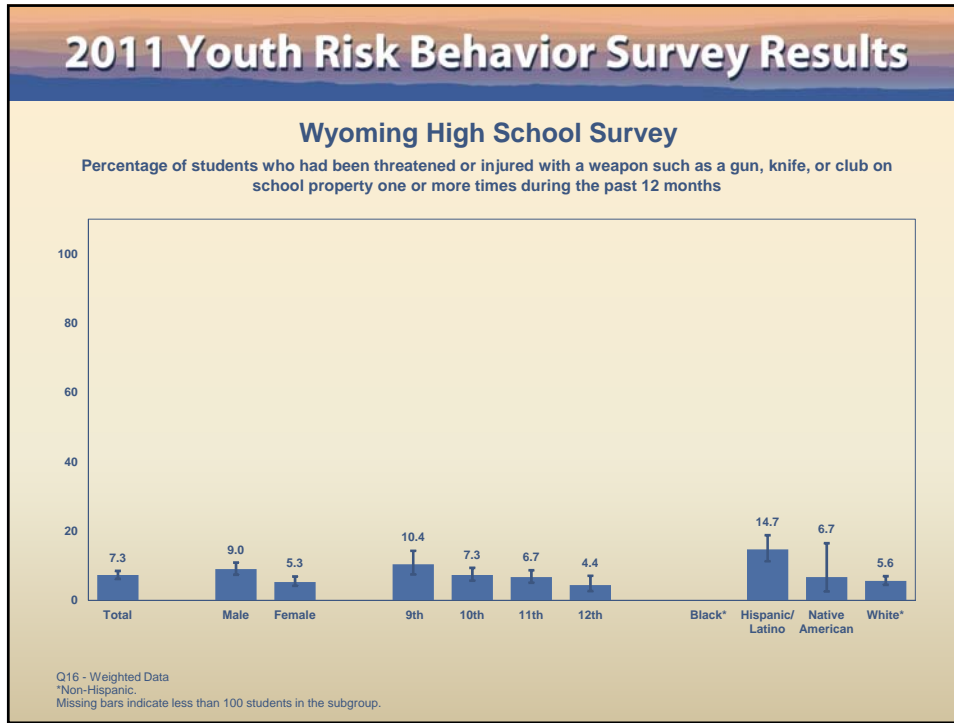
# Injury and Violence - High School



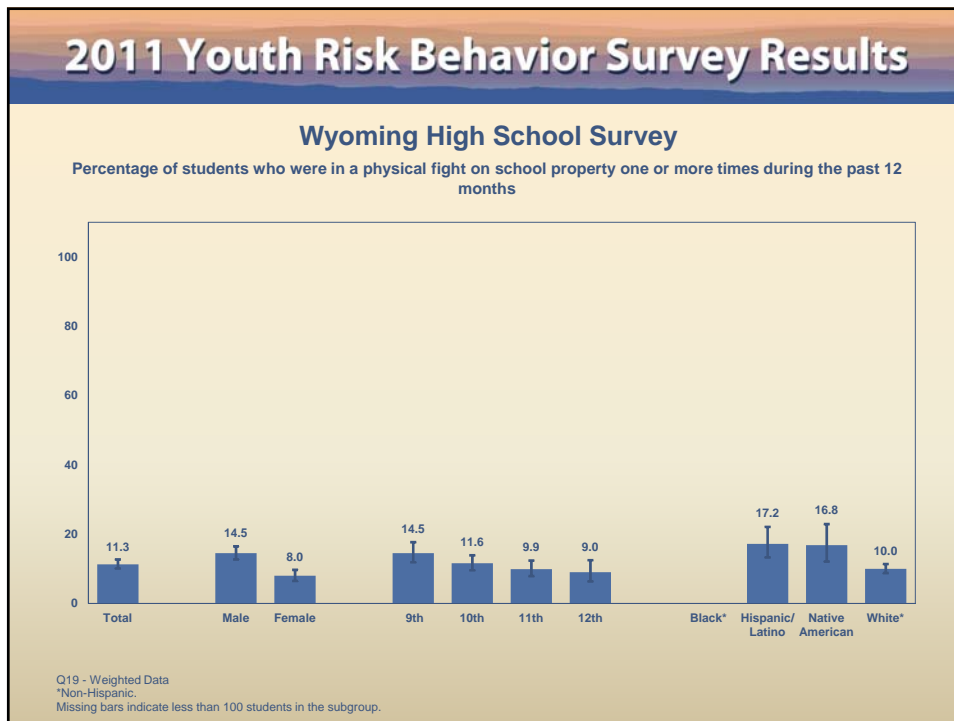
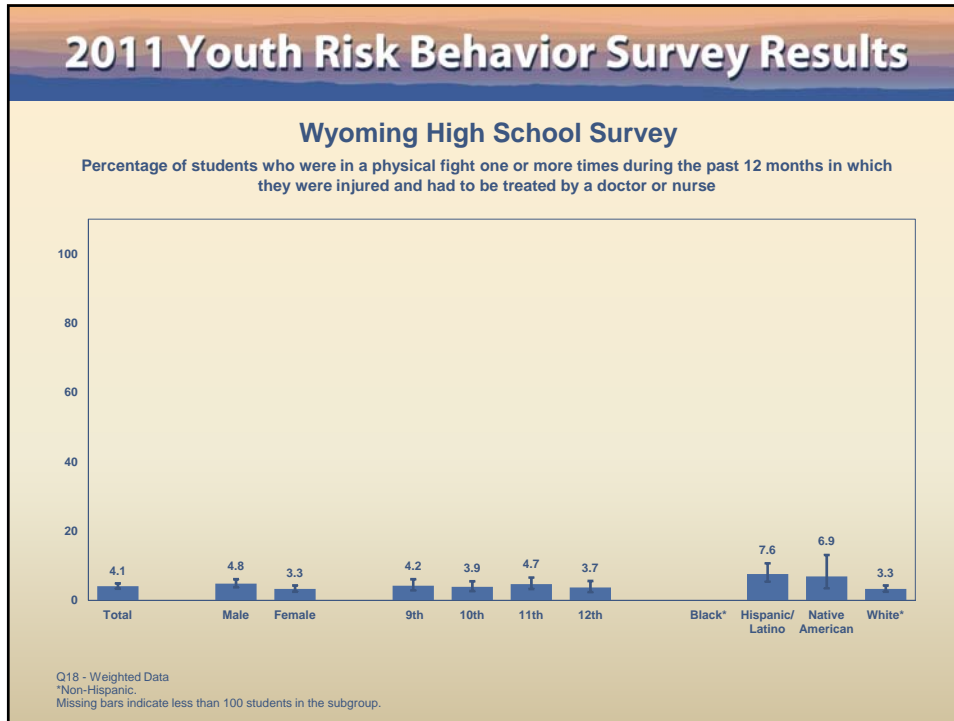
# Injury and Violence - High School



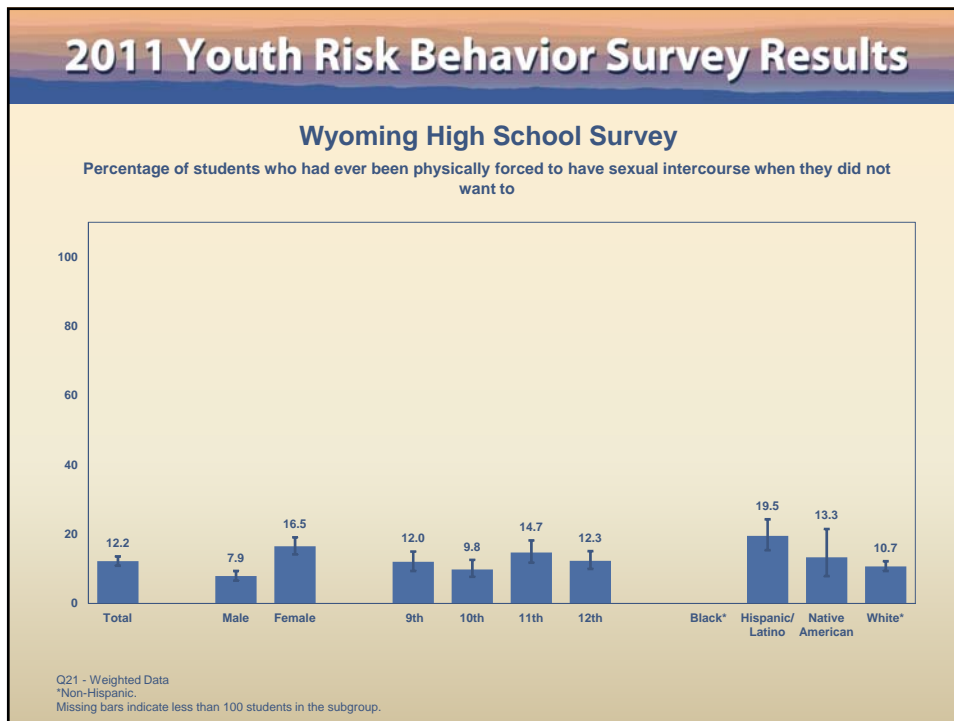
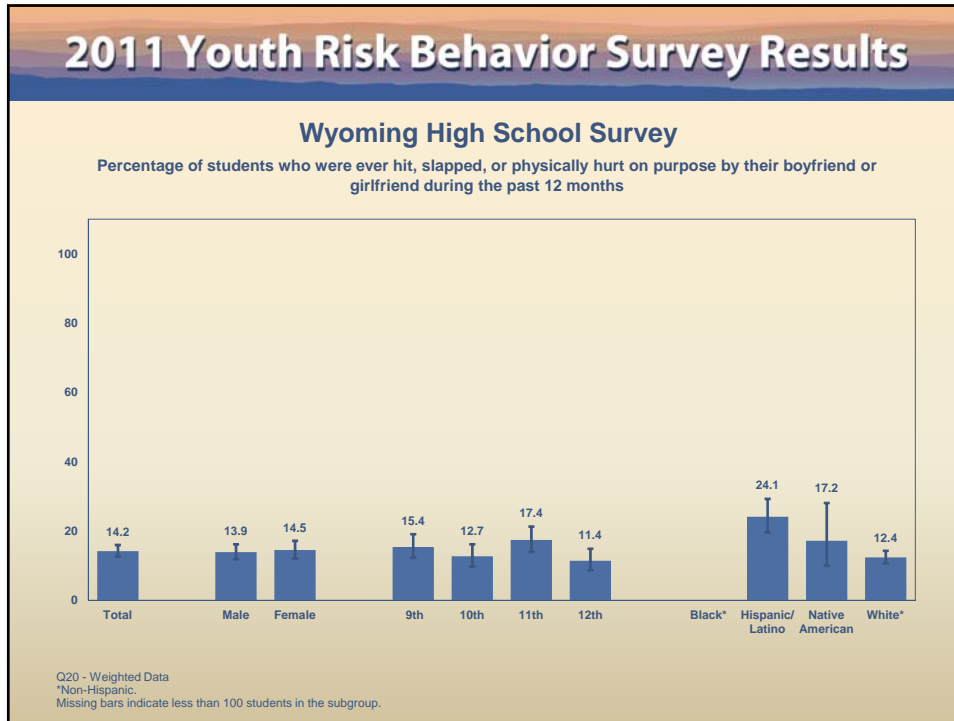
# Injury and Violence - High School



# Injury and Violence - High School

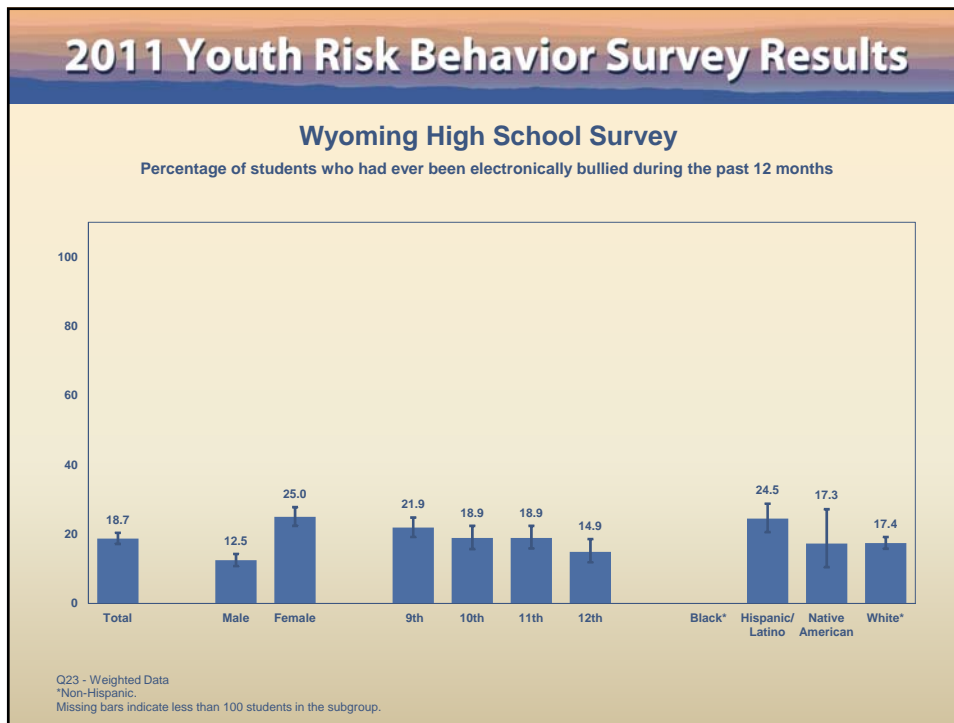
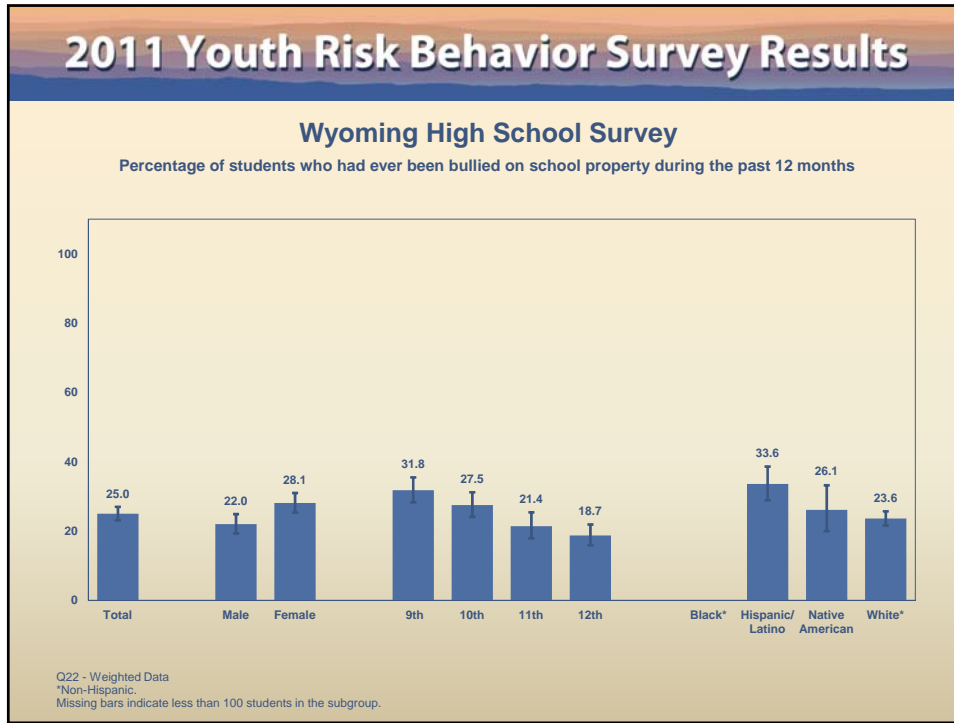


# Injury and Violence - High School

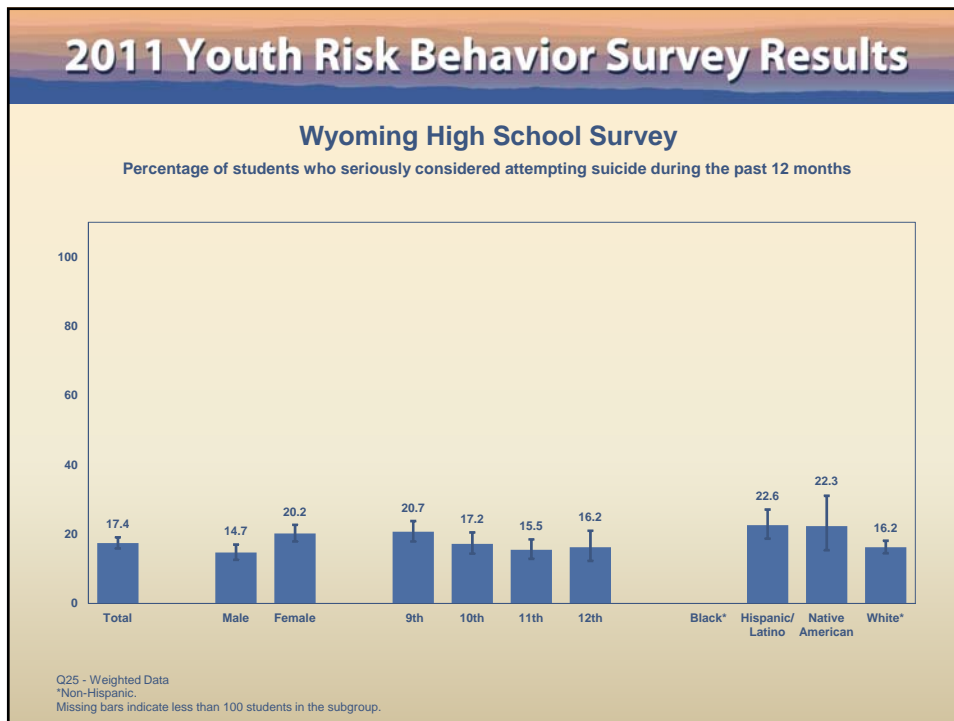
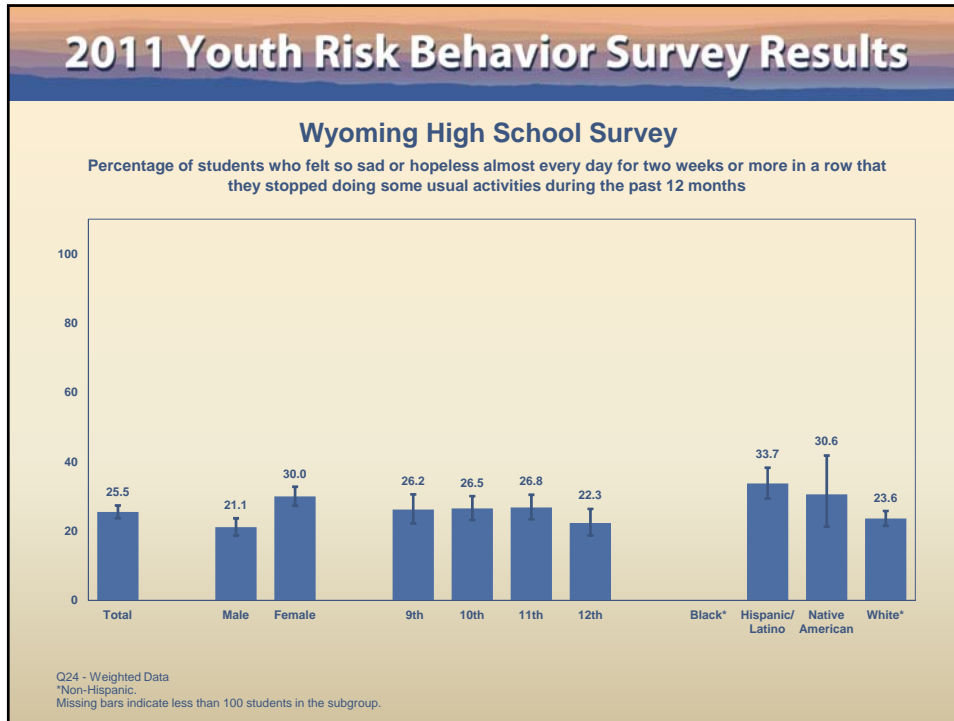




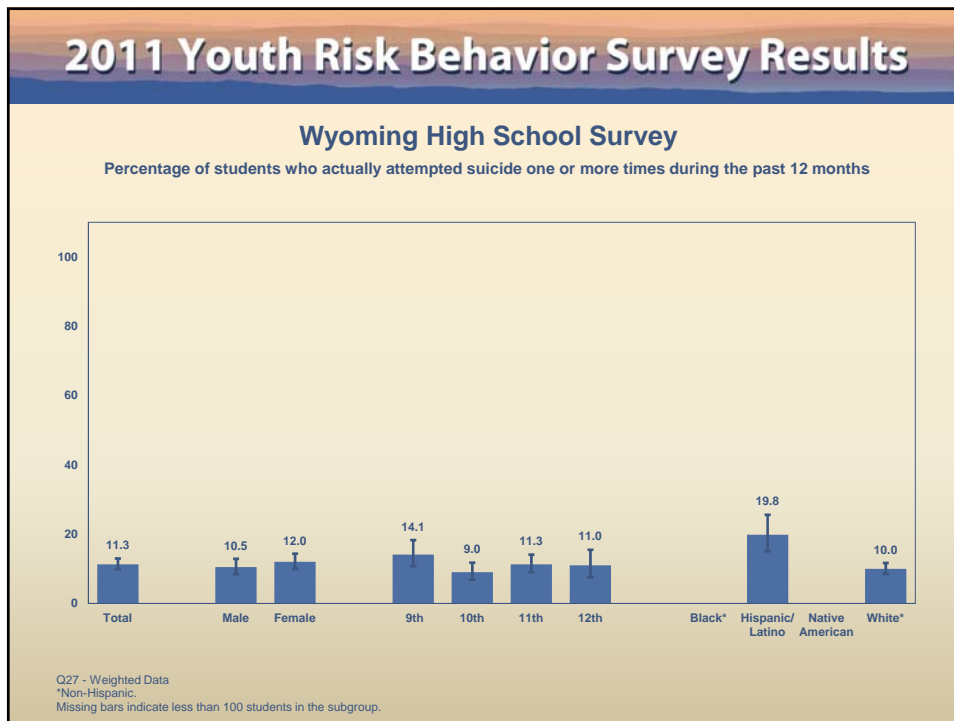
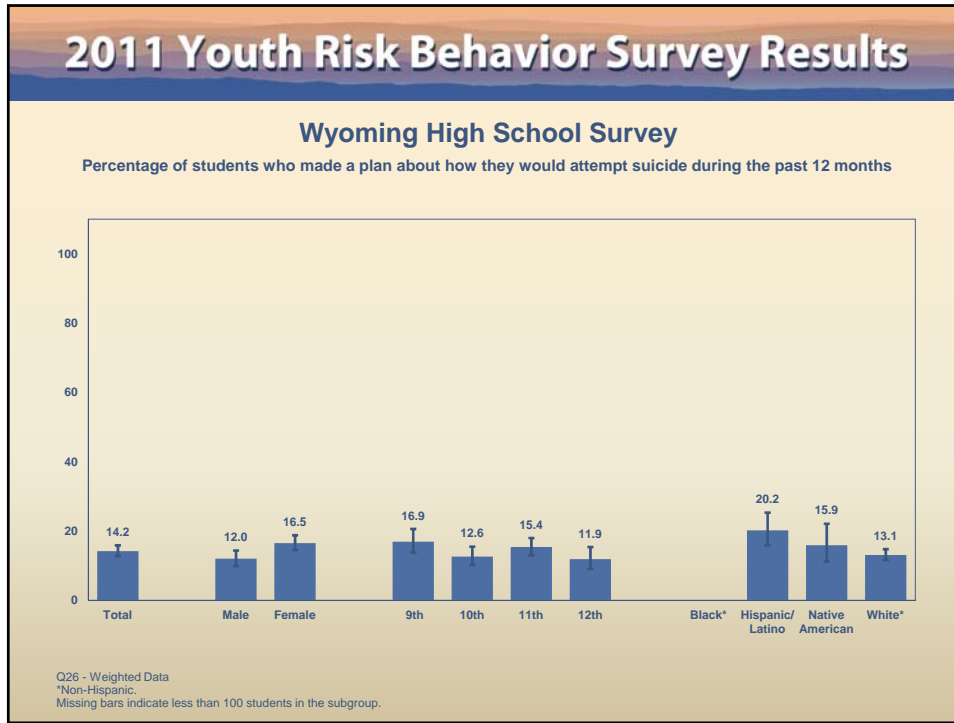
# Injury and Violence - High School



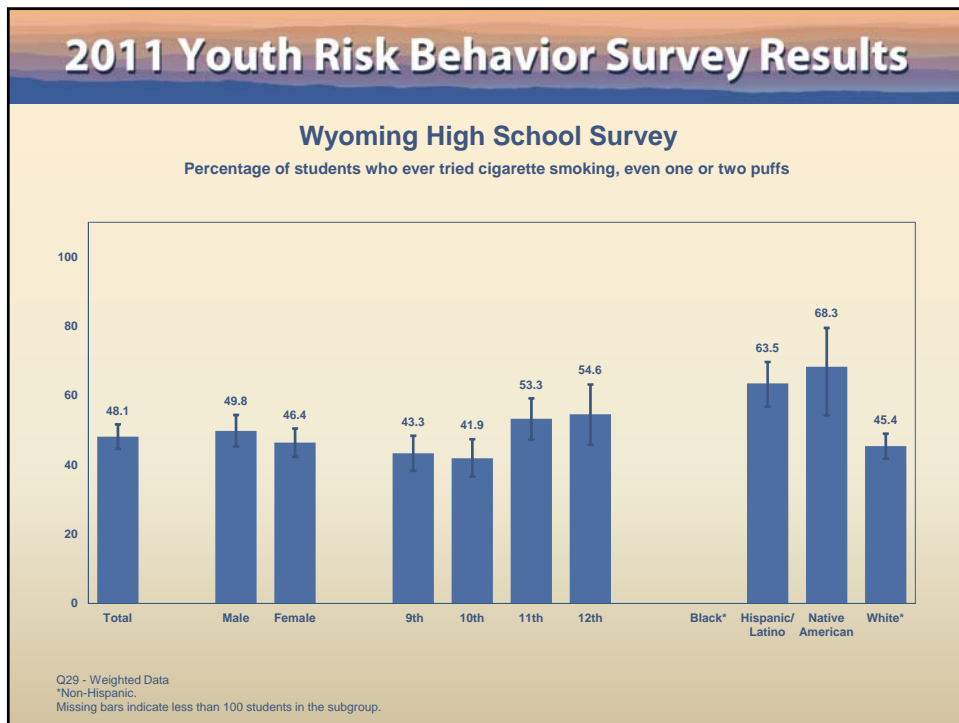
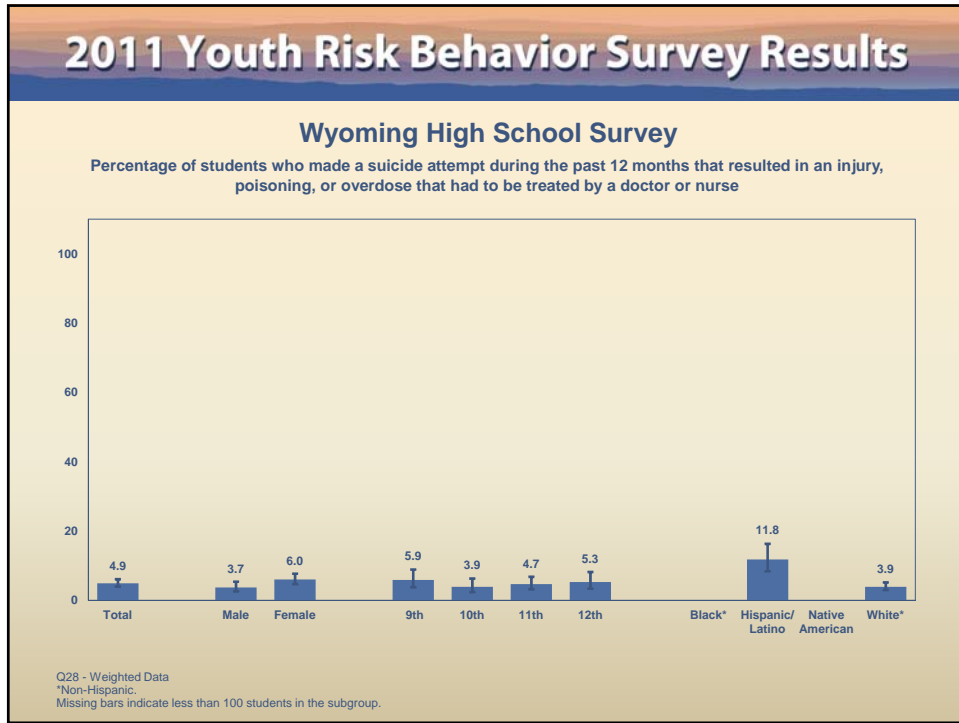
# Injury and Violence - High School



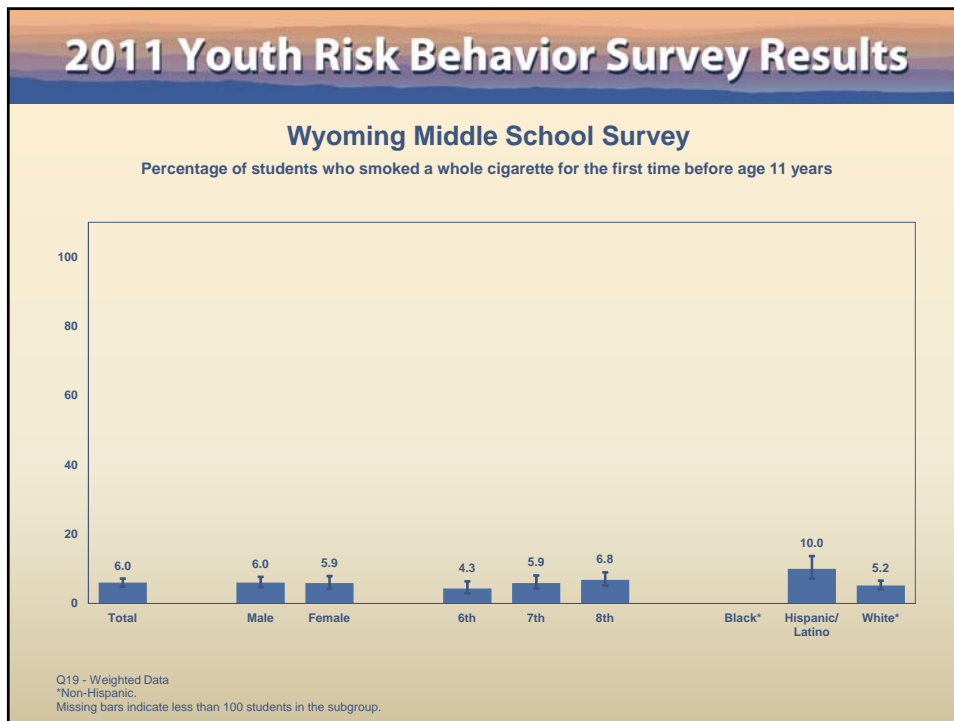
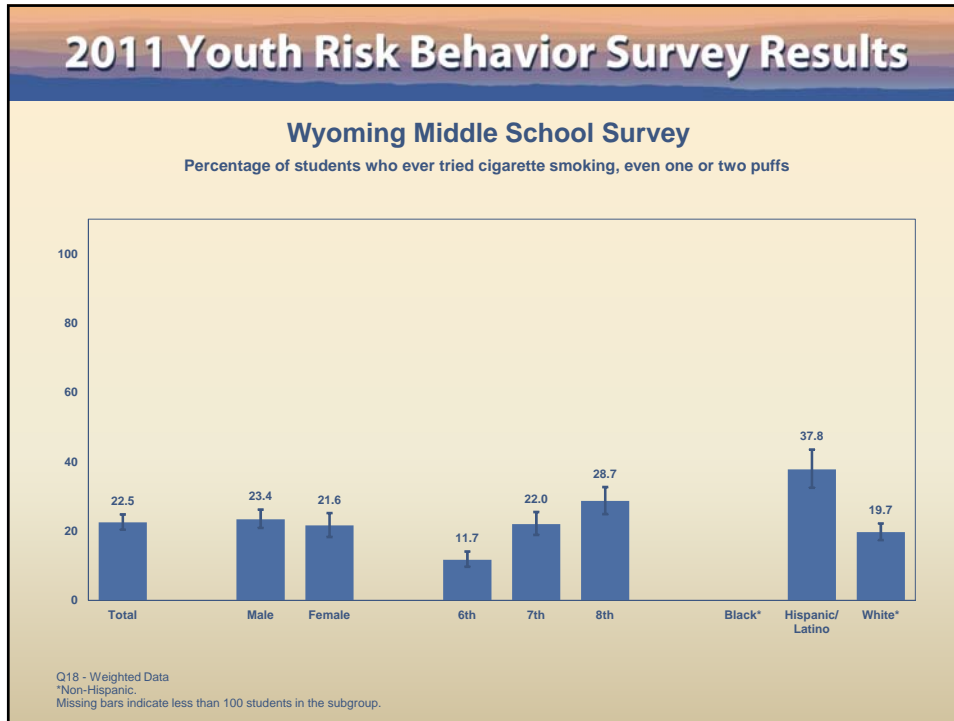
# Injury and Violence - High School



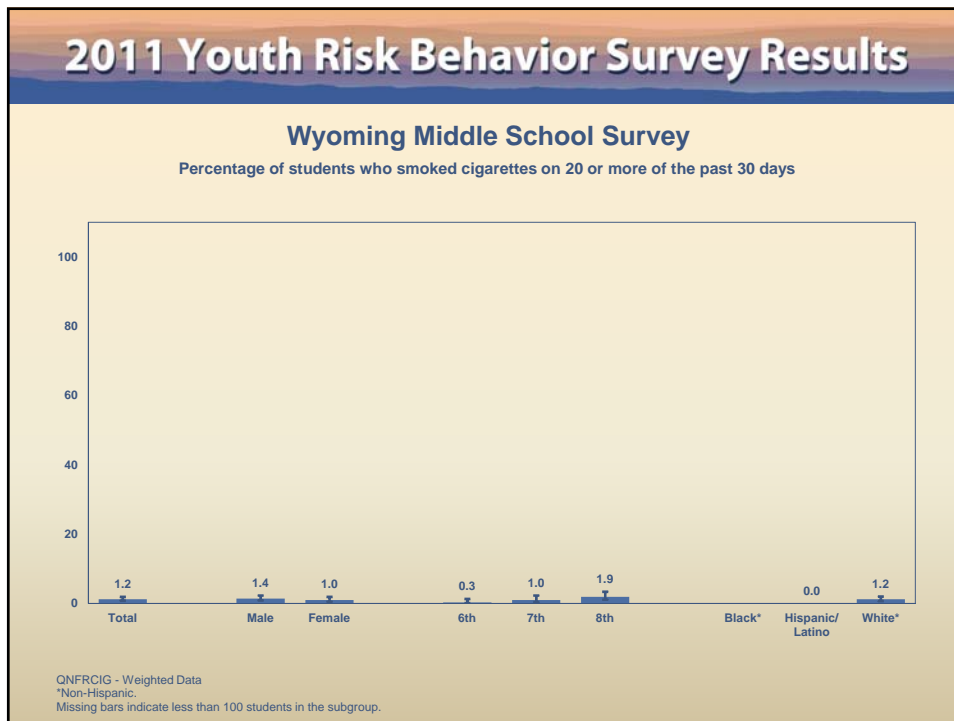
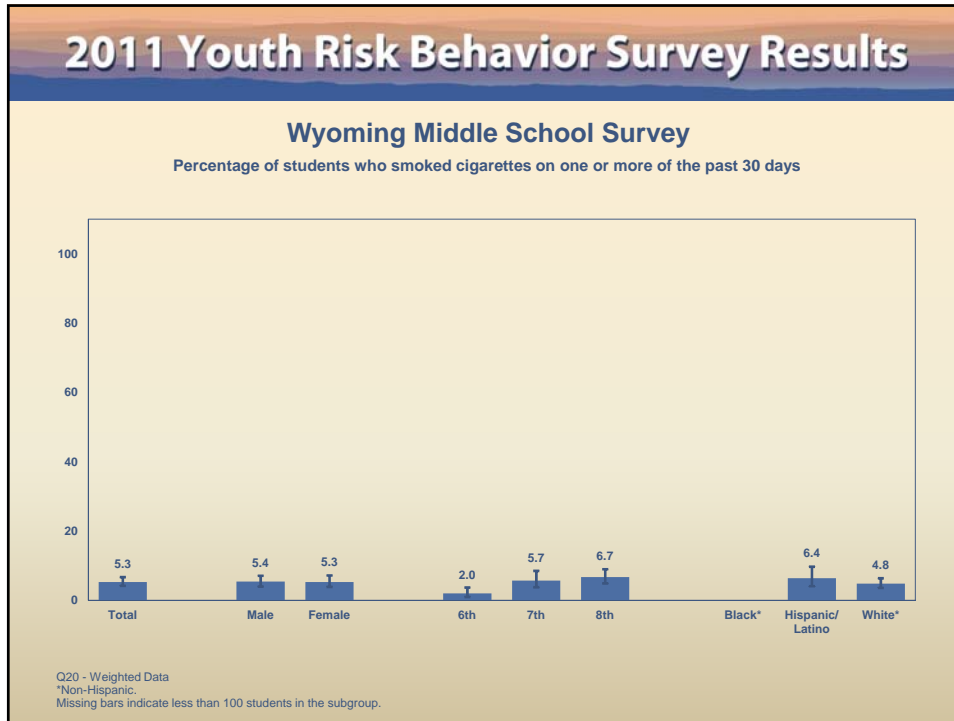
# Injury and Violence - High School



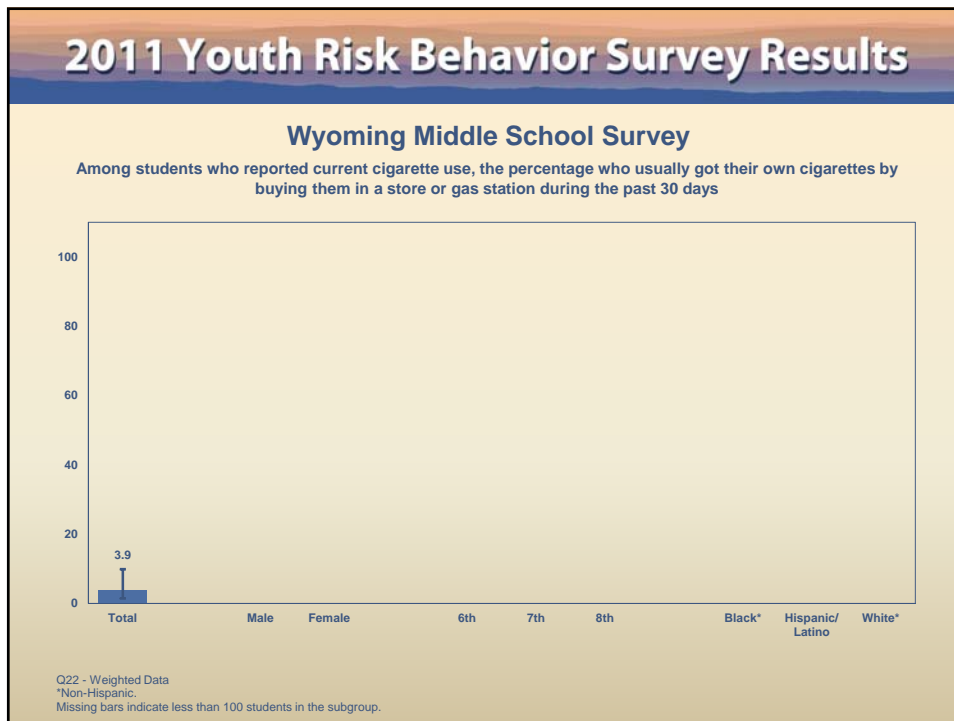
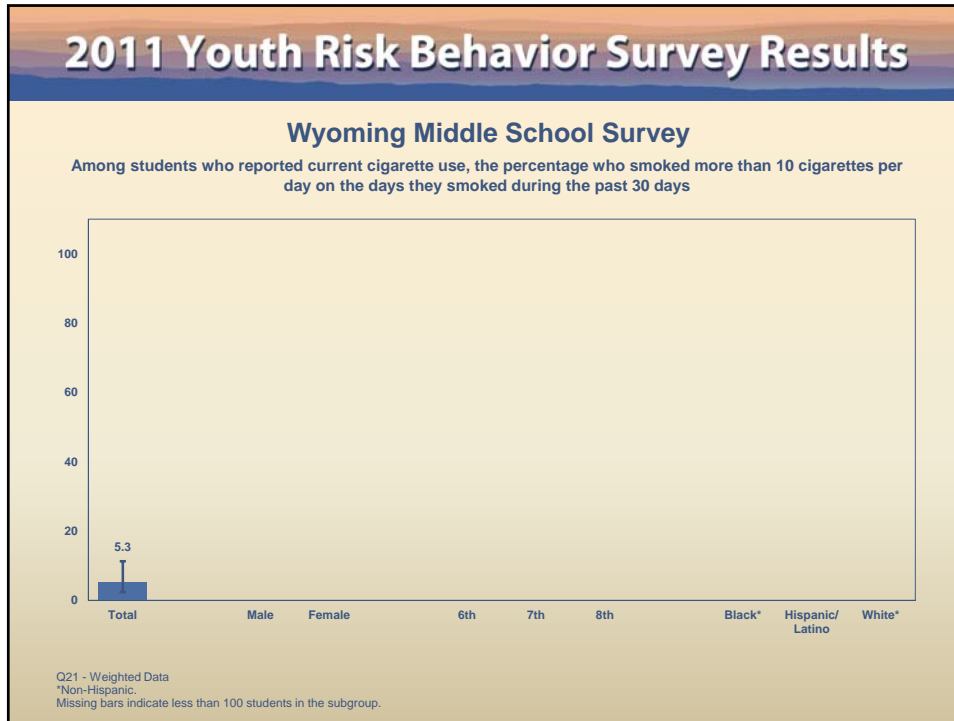
# Tobacco, Alcohol, and Drug Use - Middle School



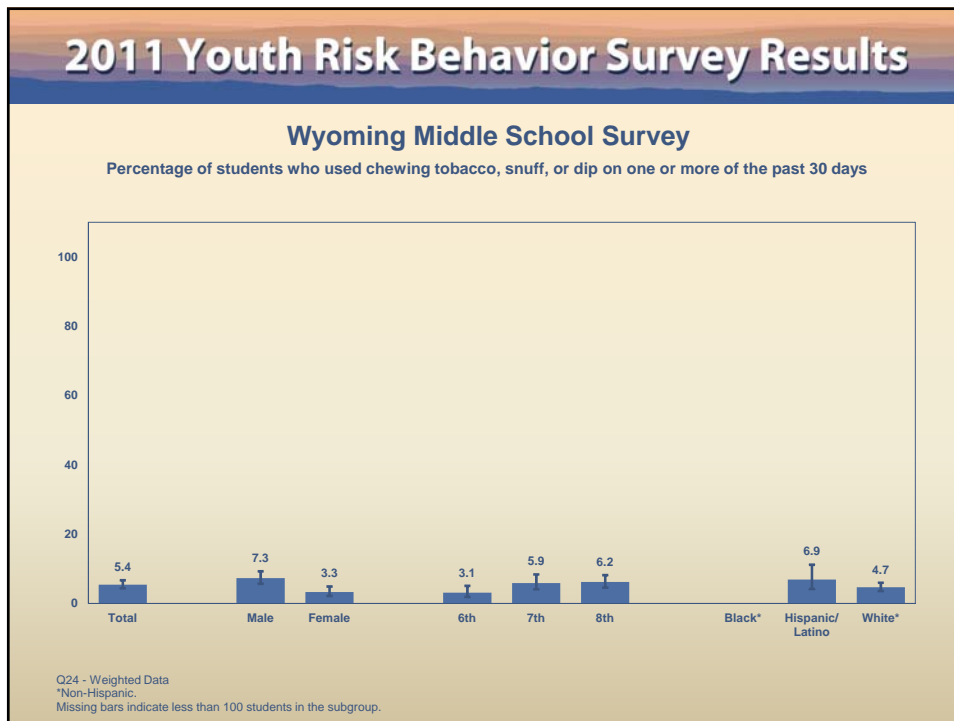
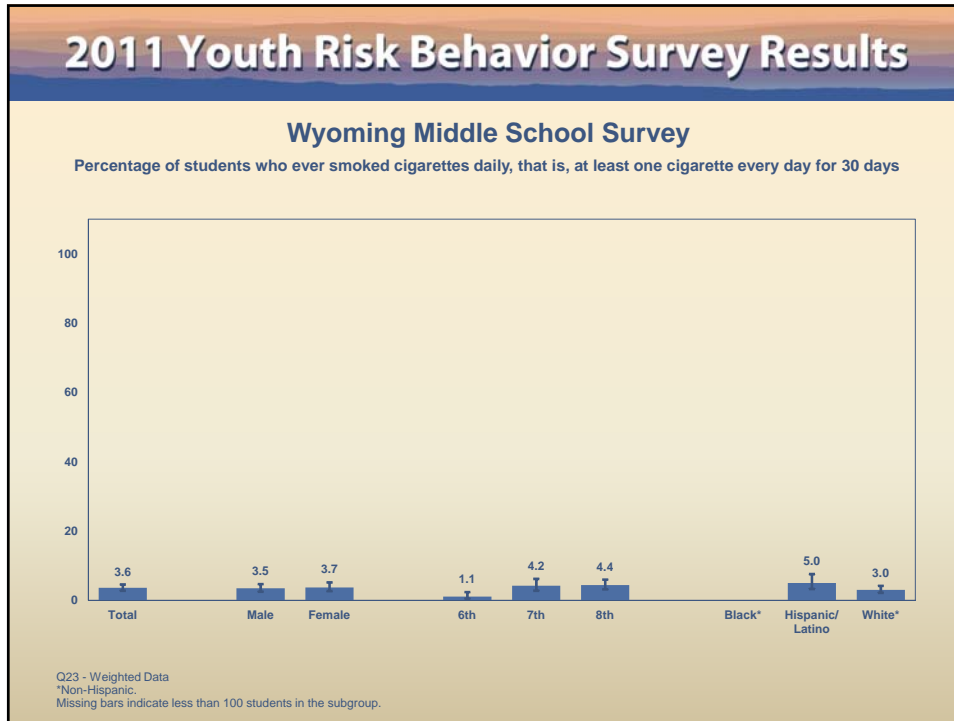
# Tobacco, Alcohol, and Drug Use - Middle School



# Tobacco, Alcohol, and Drug Use - Middle School

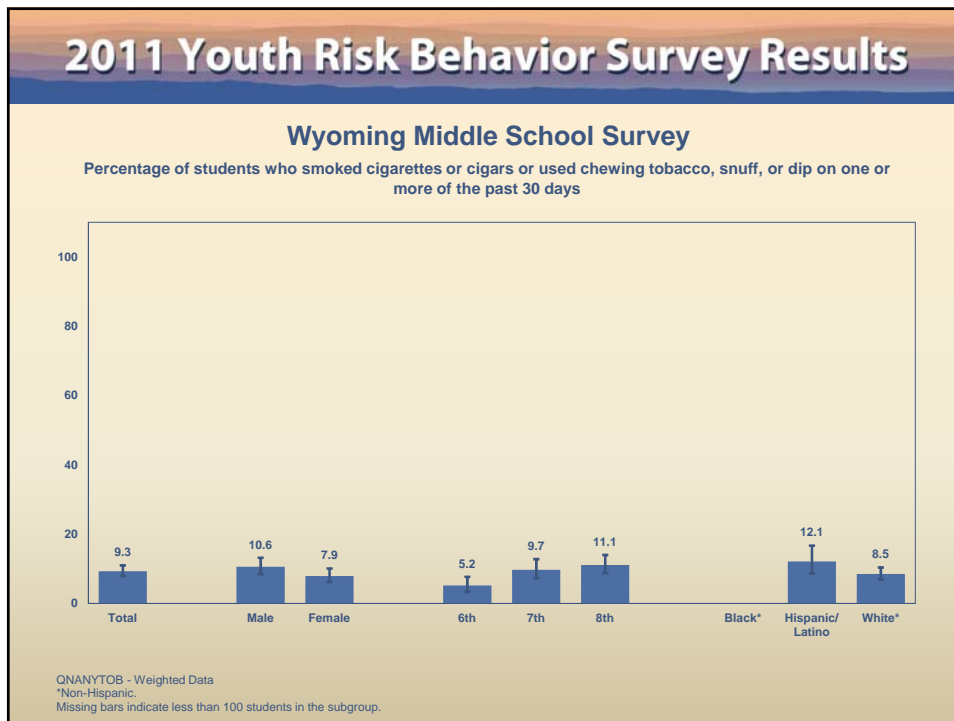
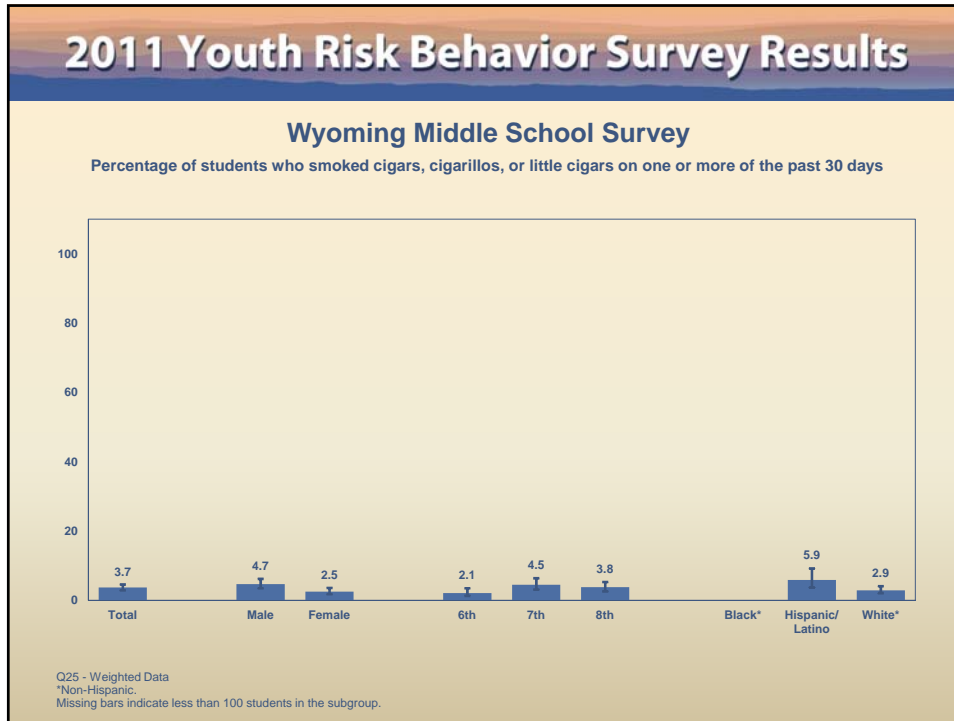


# Tobacco, Alcohol, and Drug Use - Middle School

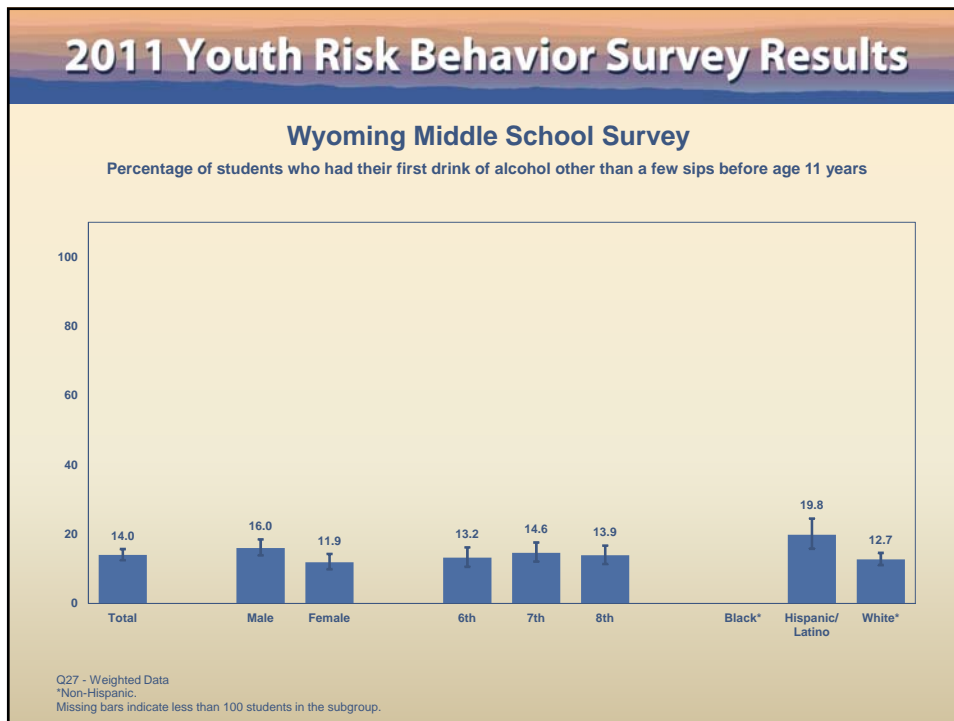
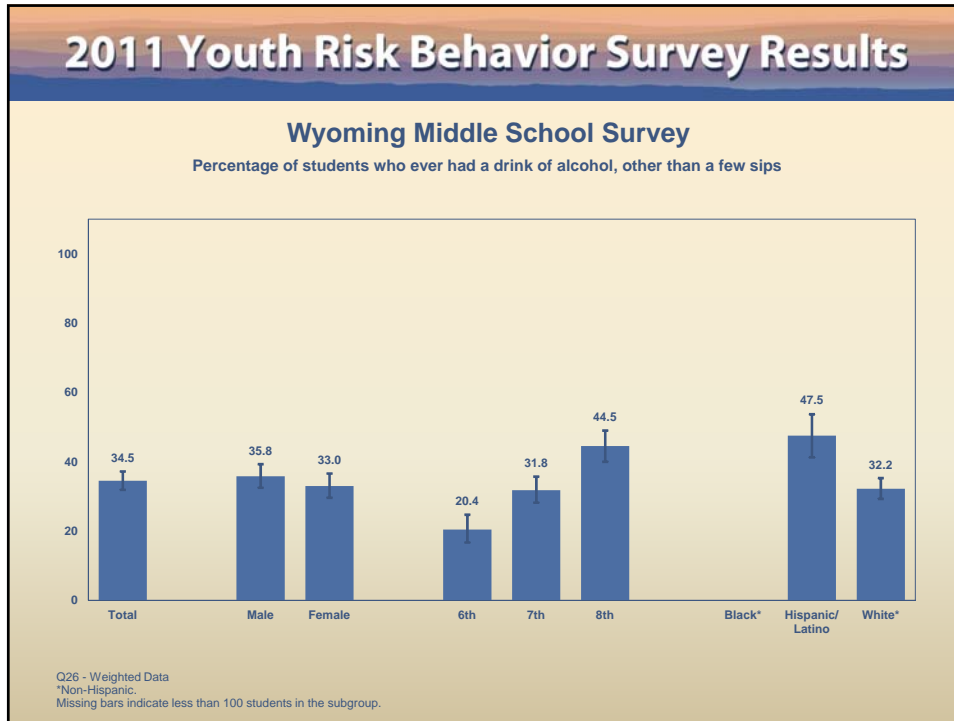




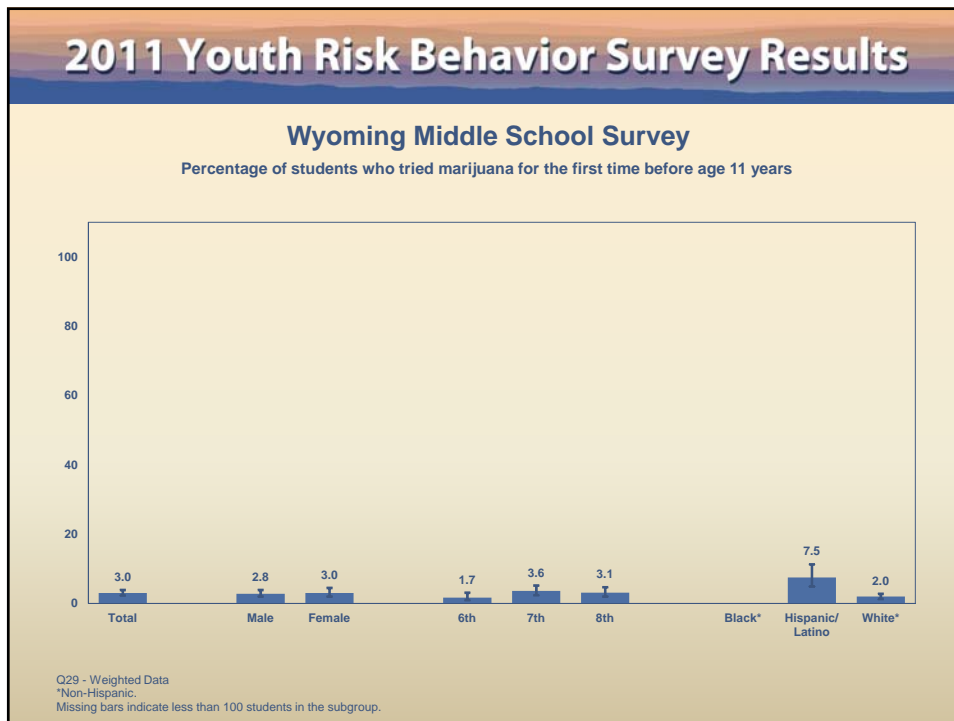
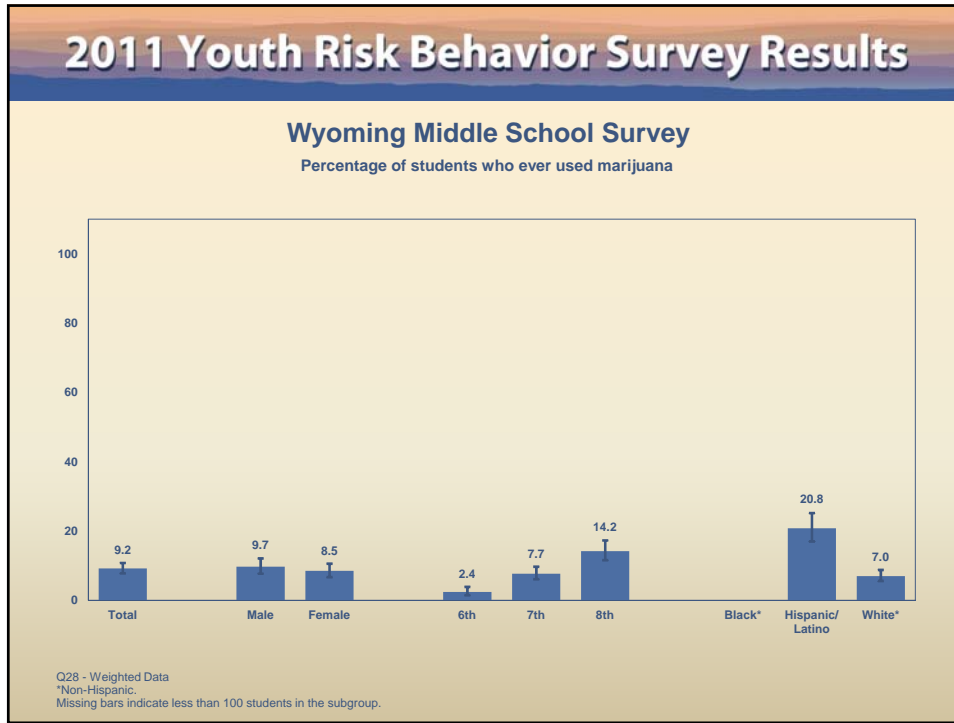
# Tobacco, Alcohol, and Drug Use - Middle School



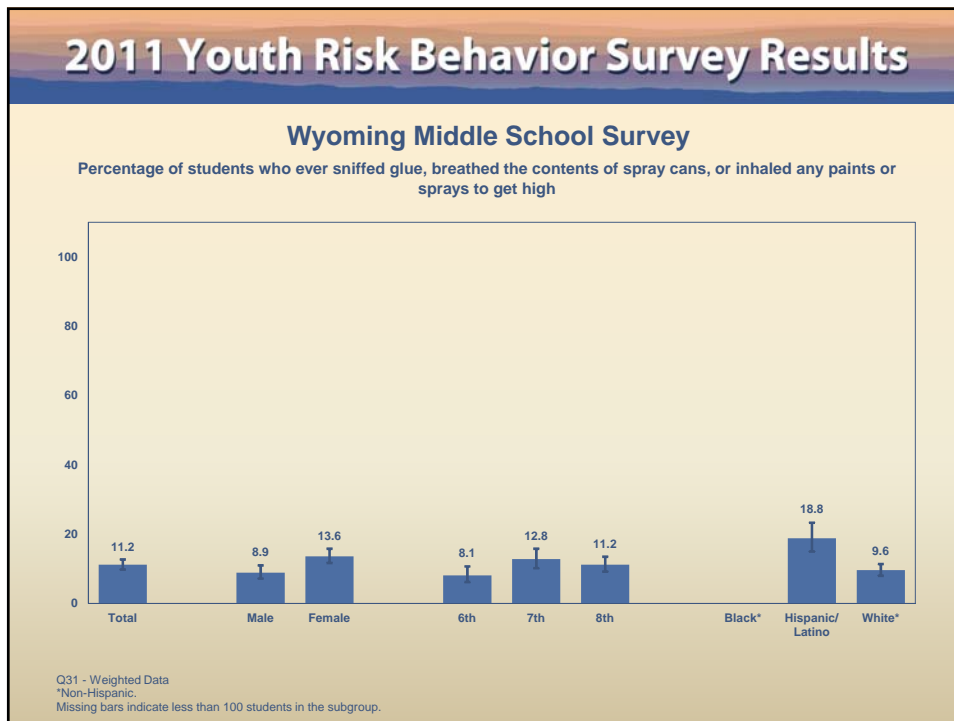
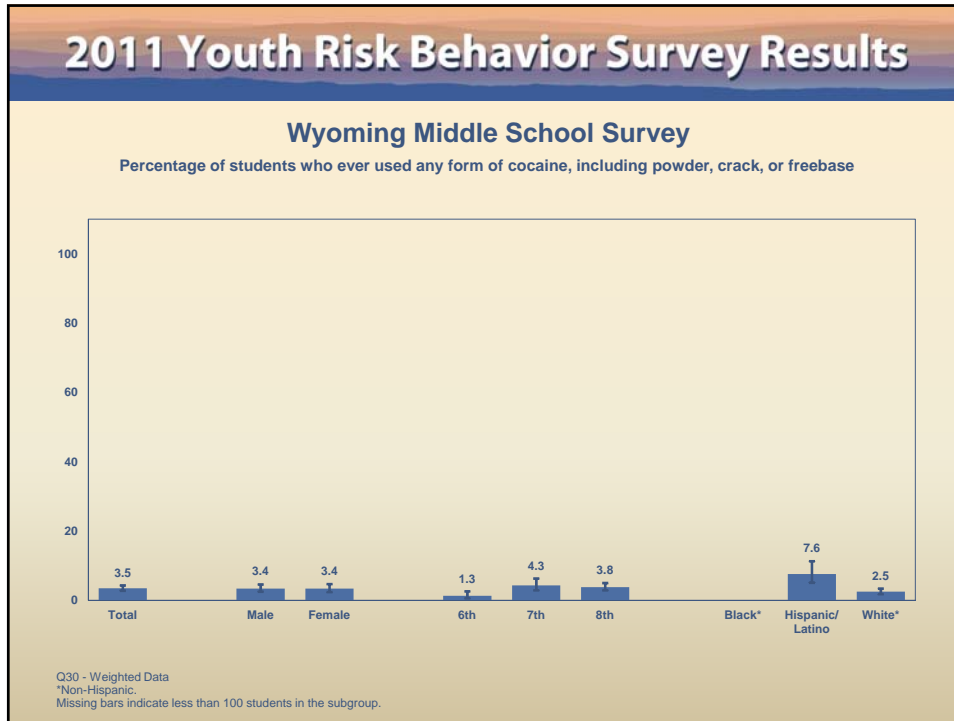
# Tobacco, Alcohol, and Drug Use - Middle School



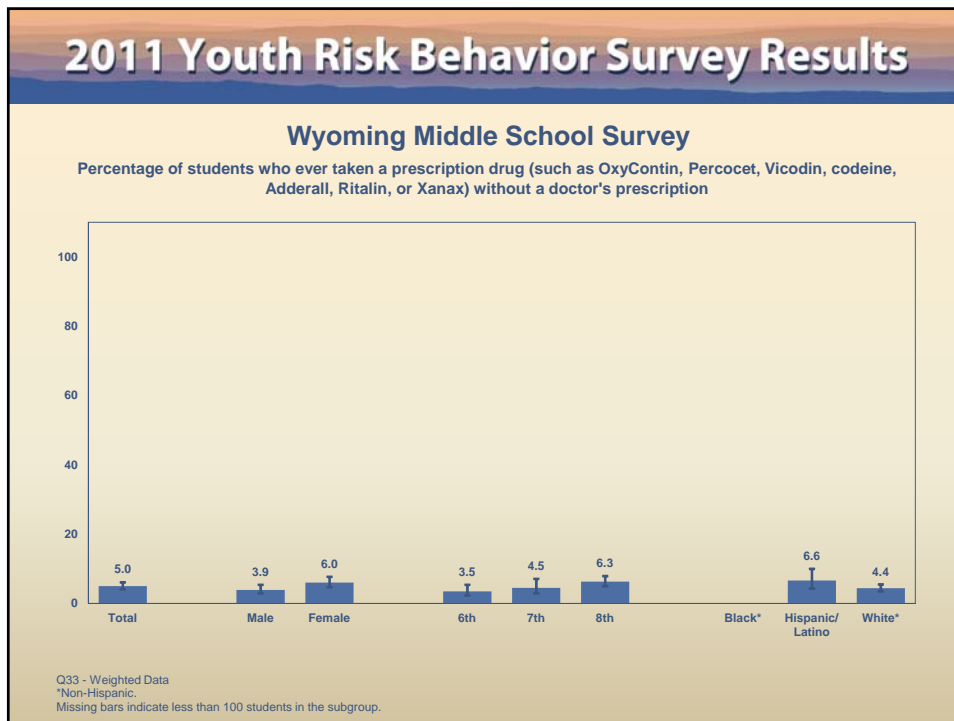
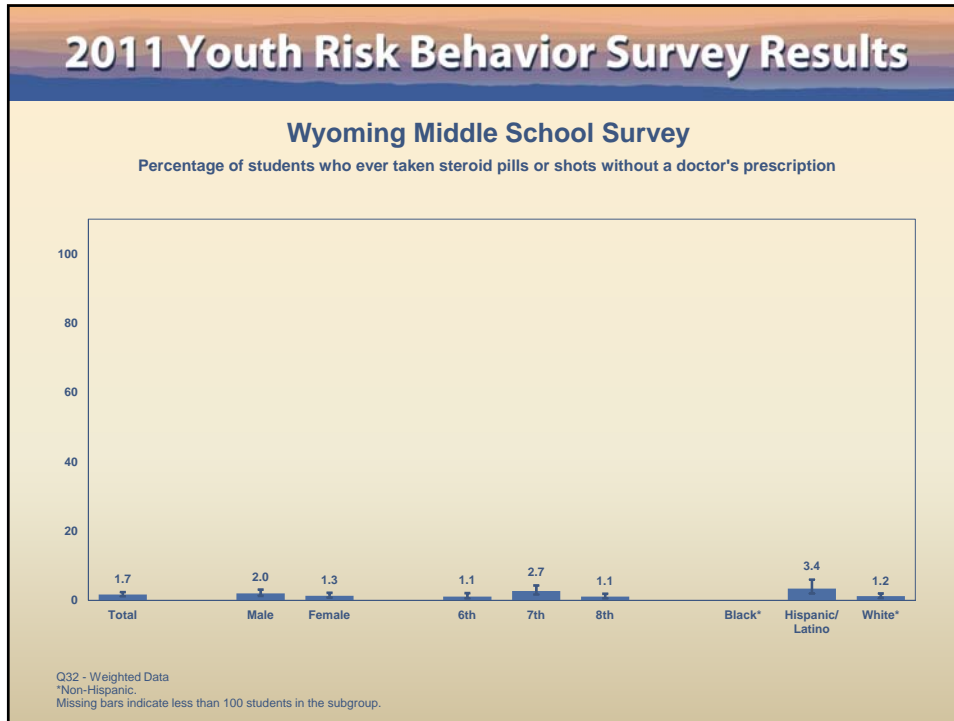
# Tobacco, Alcohol, and Drug Use - Middle School



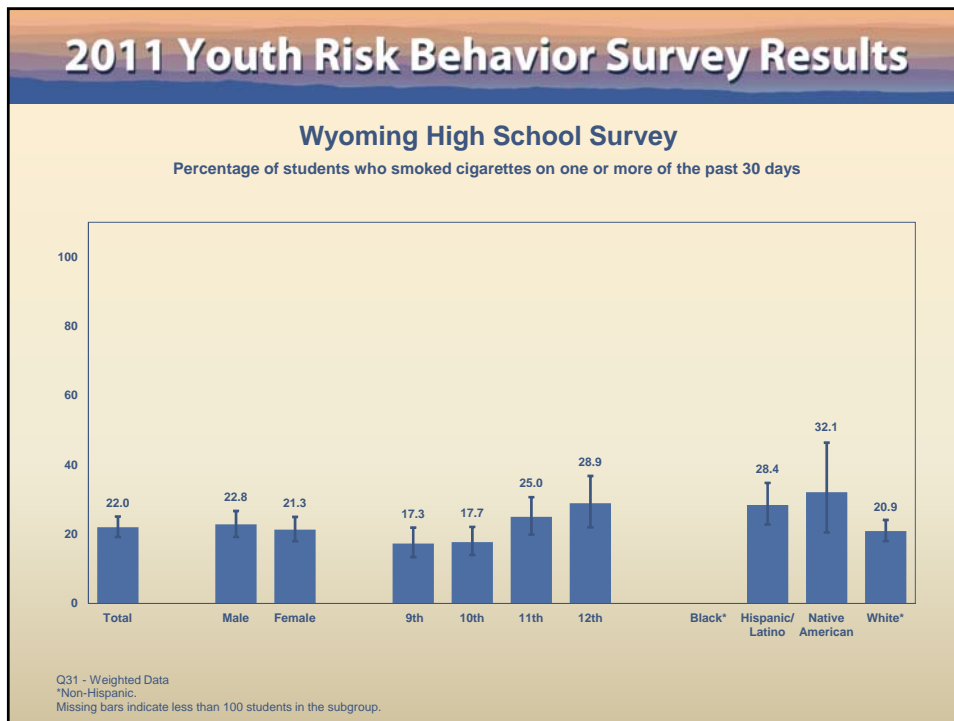
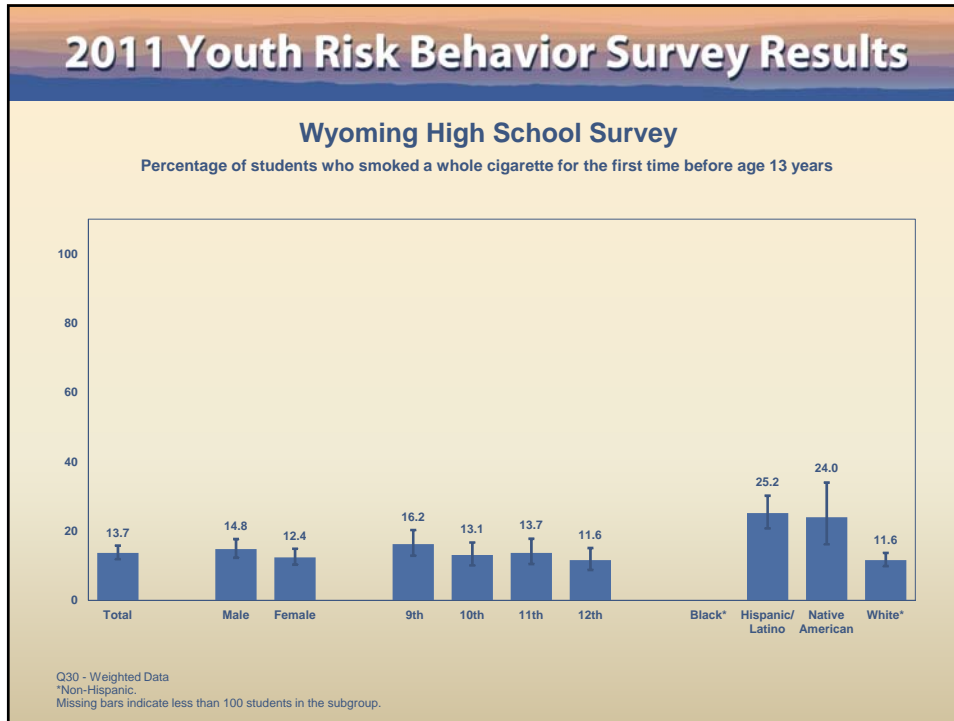
# Tobacco, Alcohol, and Drug Use - Middle School



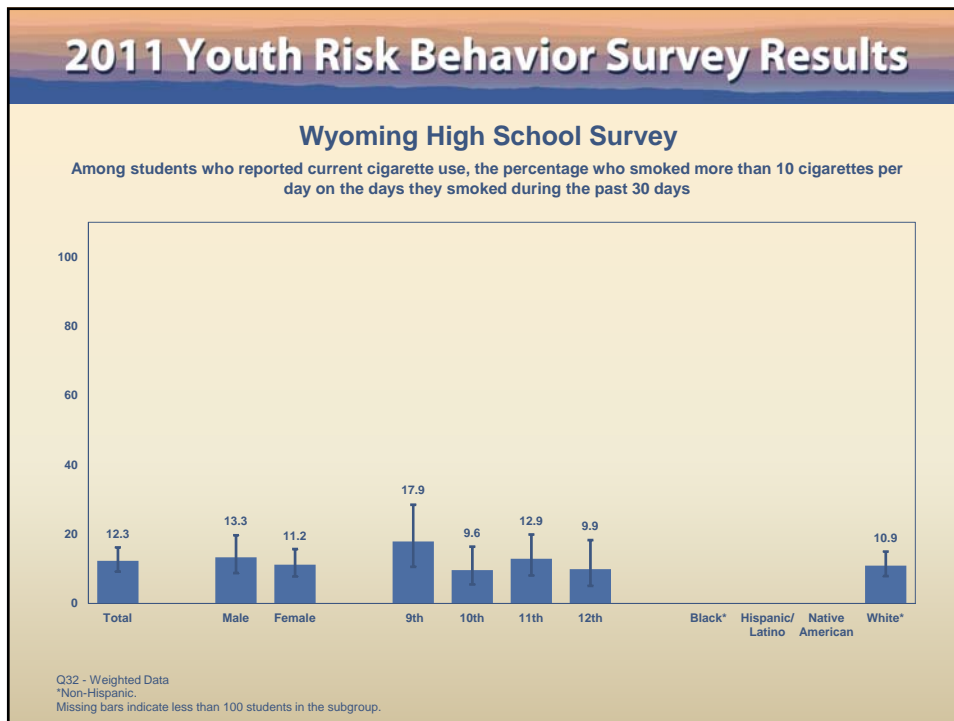
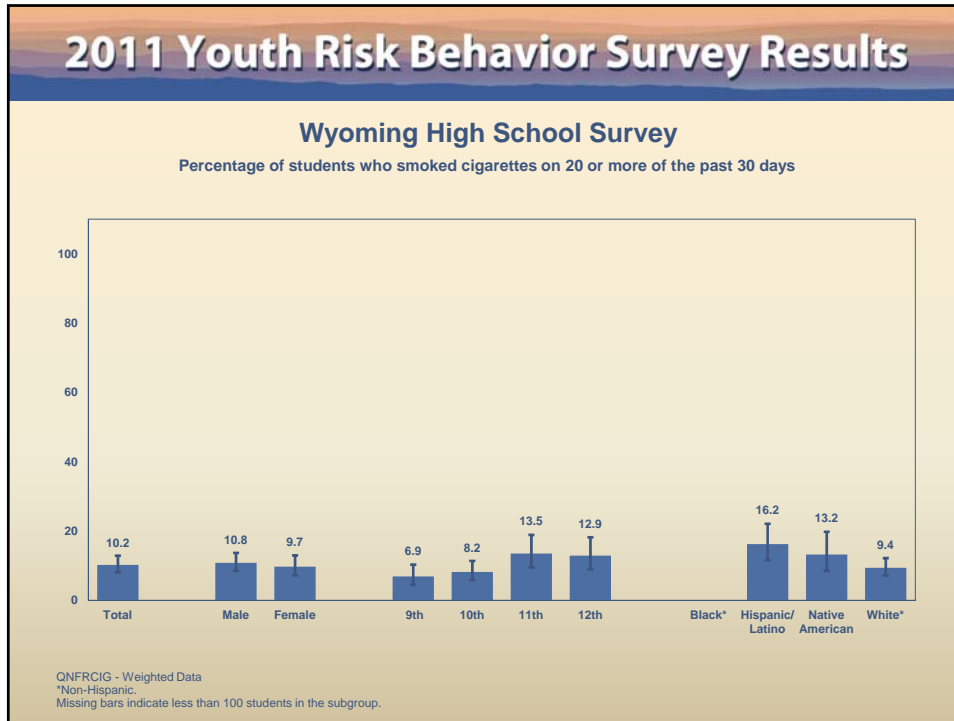
# Tobacco, Alcohol, and Drug Use - Middle School



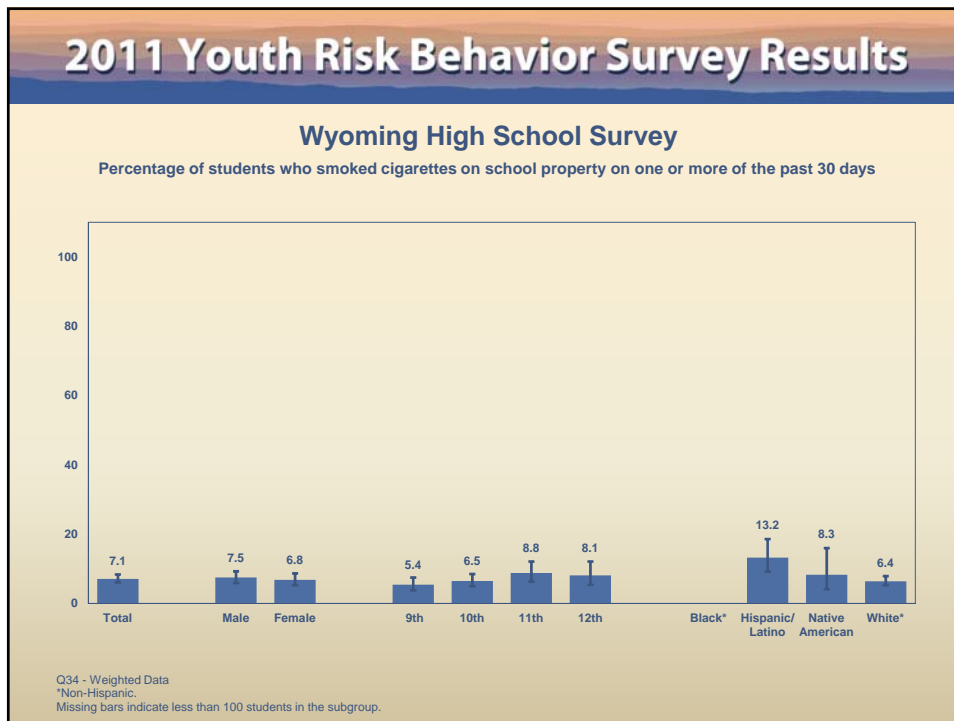
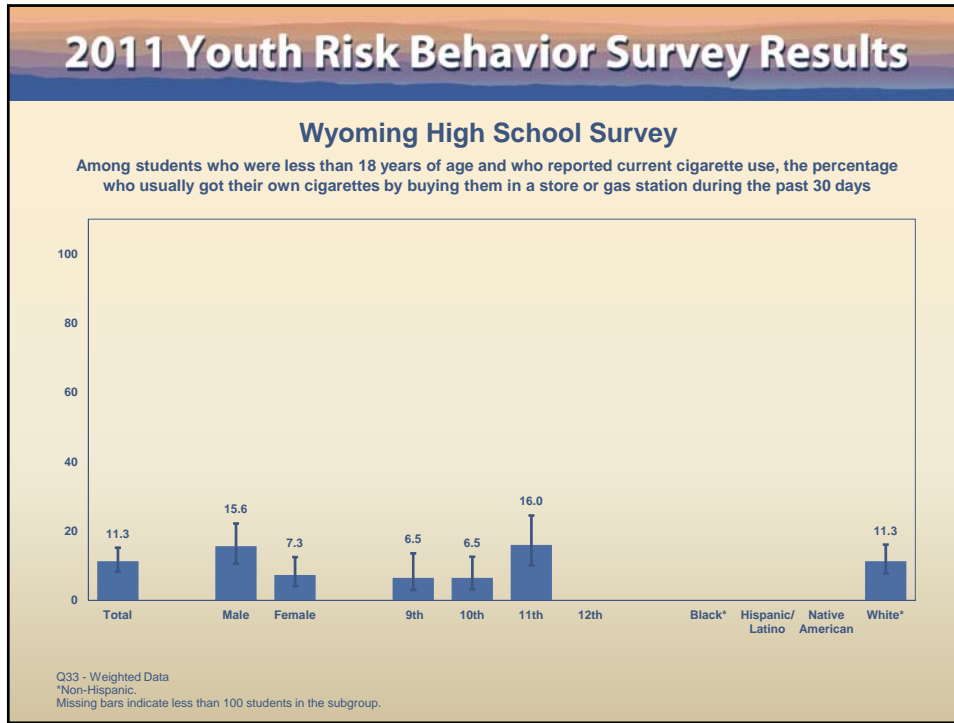
# Tobacco, Alcohol, and Drug Use - High School



# Tobacco, Alcohol, and Drug Use - High School

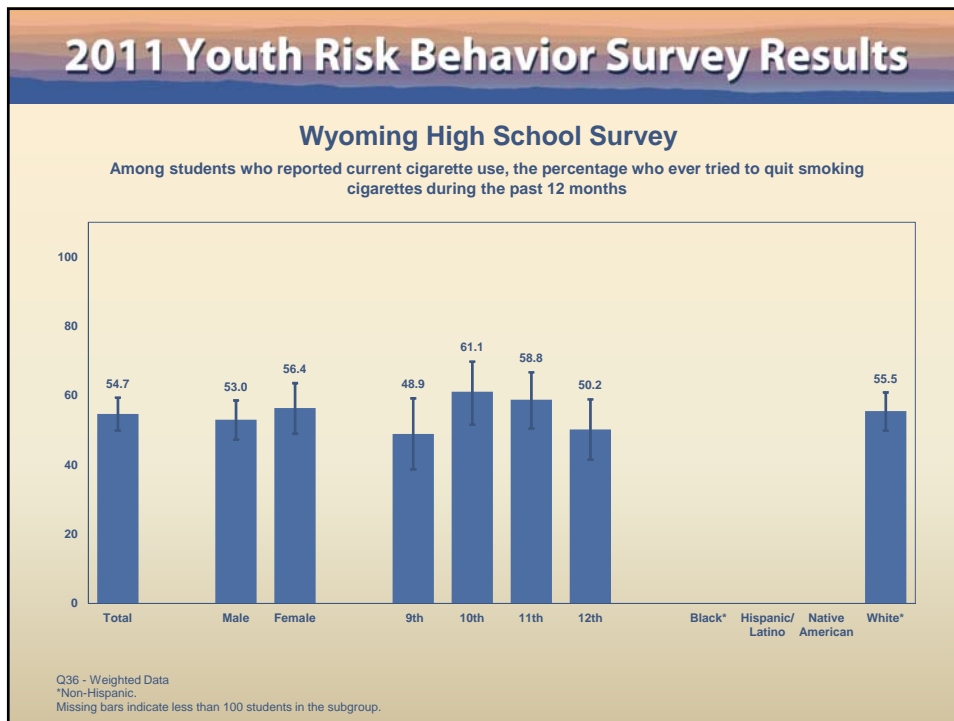
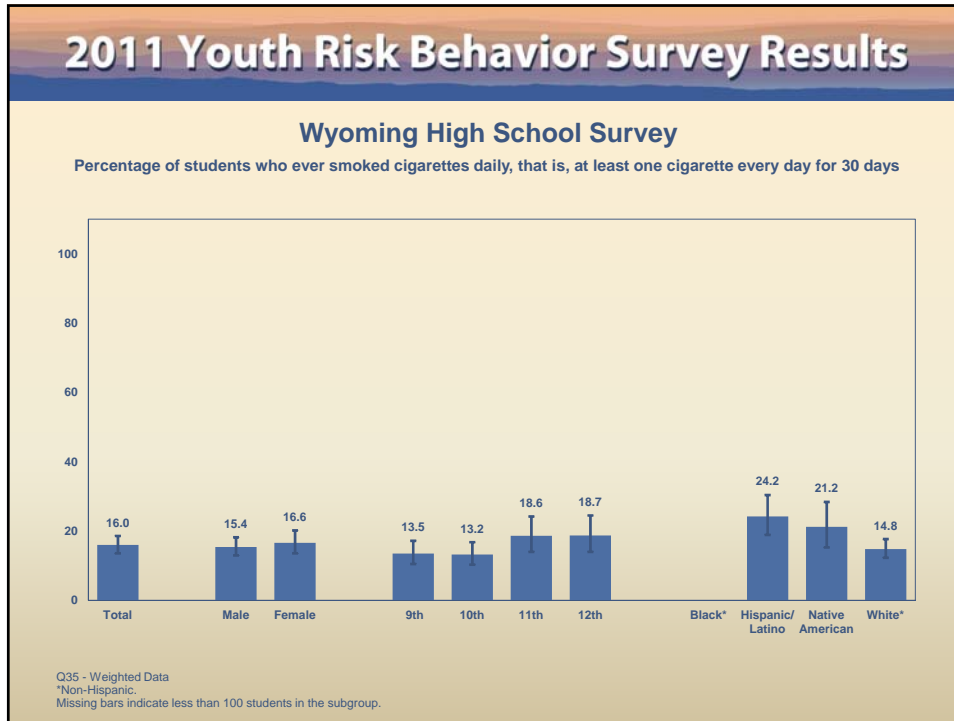


# Tobacco, Alcohol, and Drug Use - High School

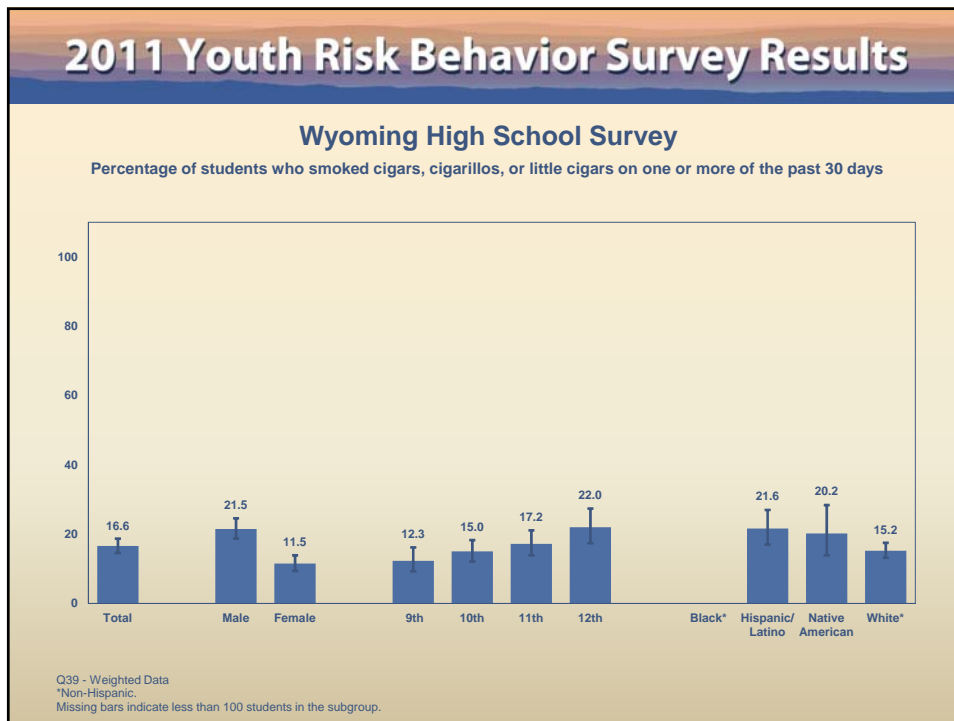
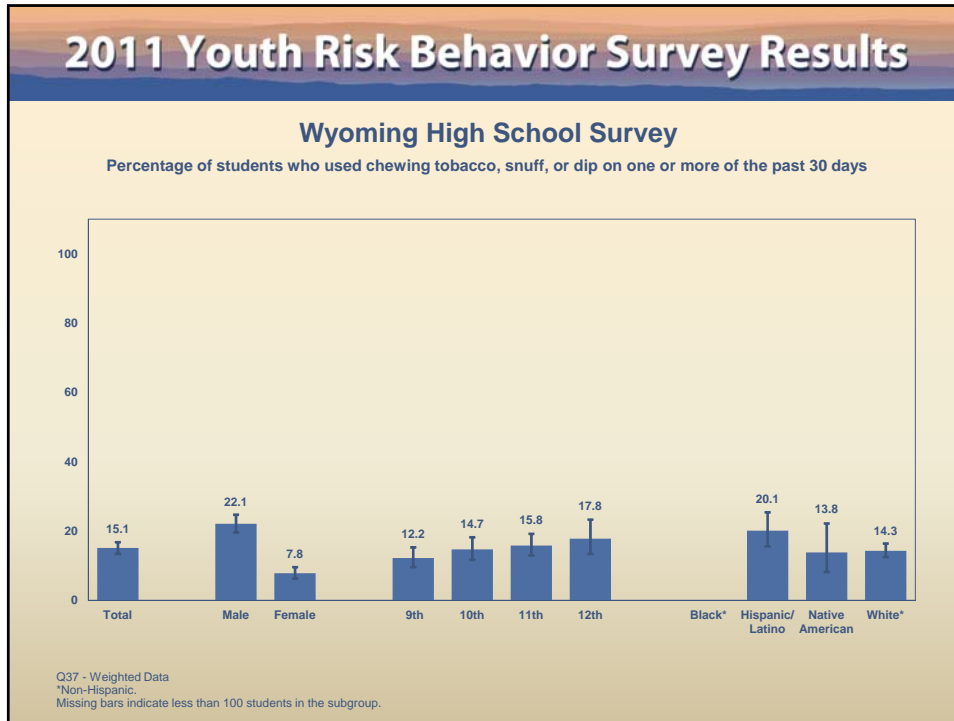




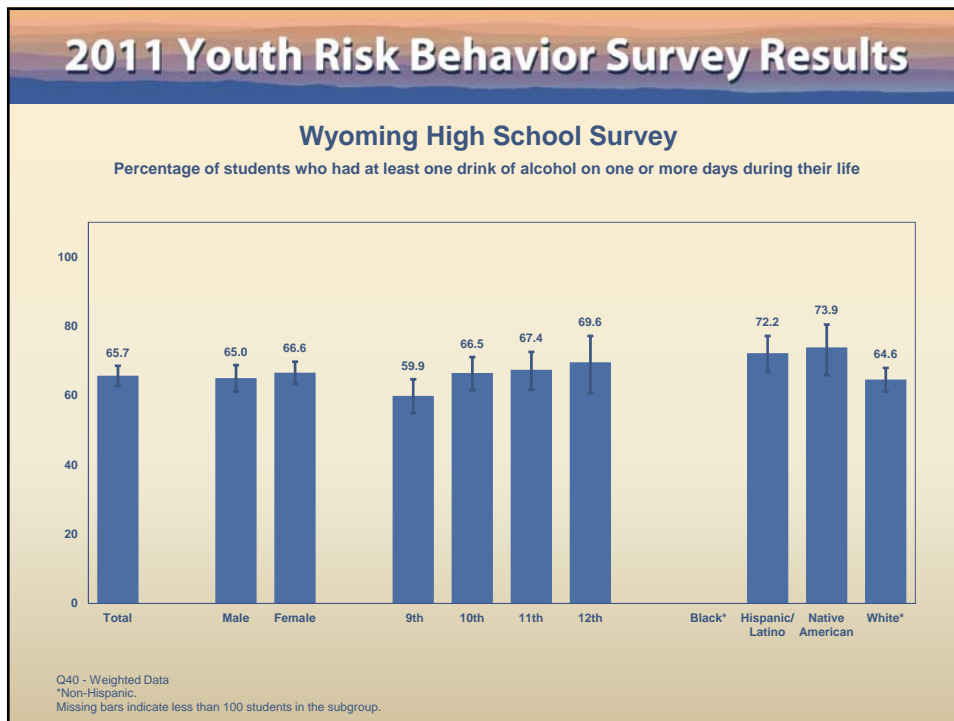
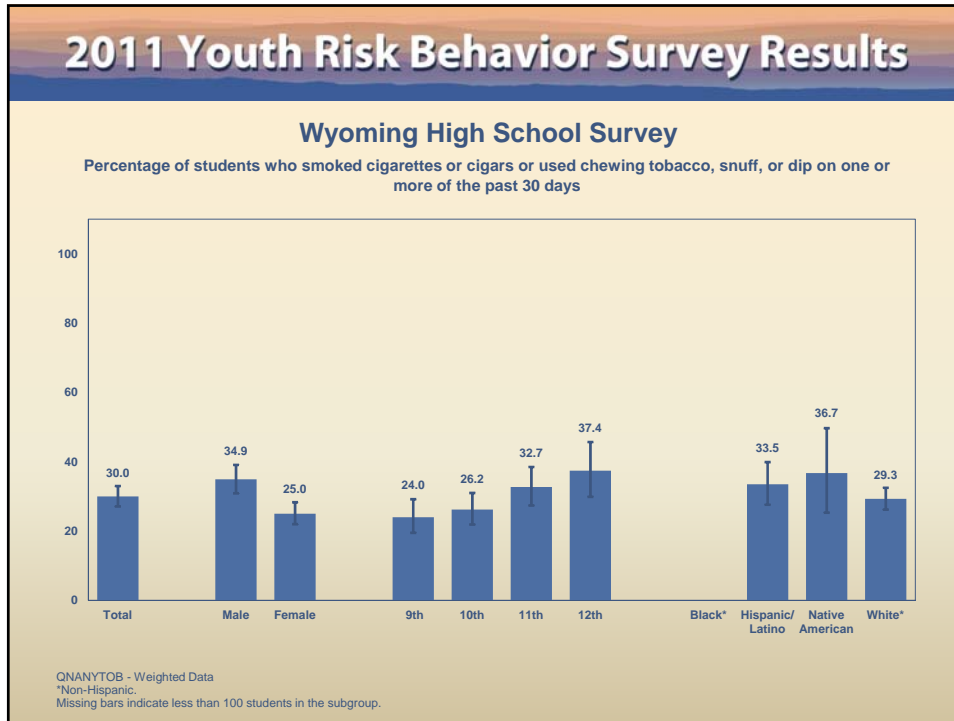
# Tobacco, Alcohol, and Drug Use - High School



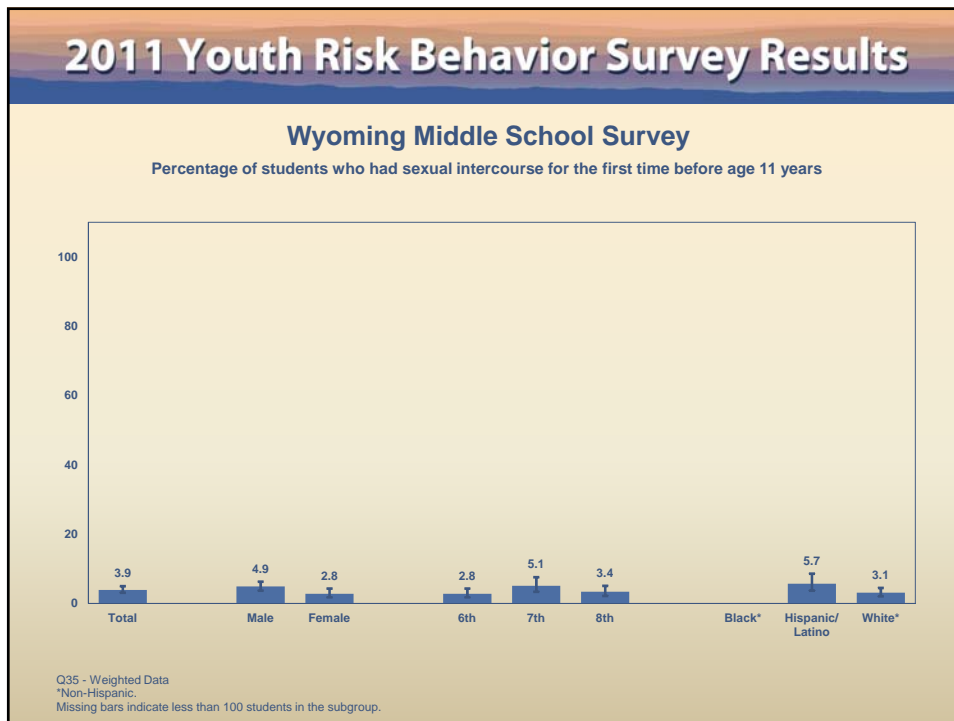
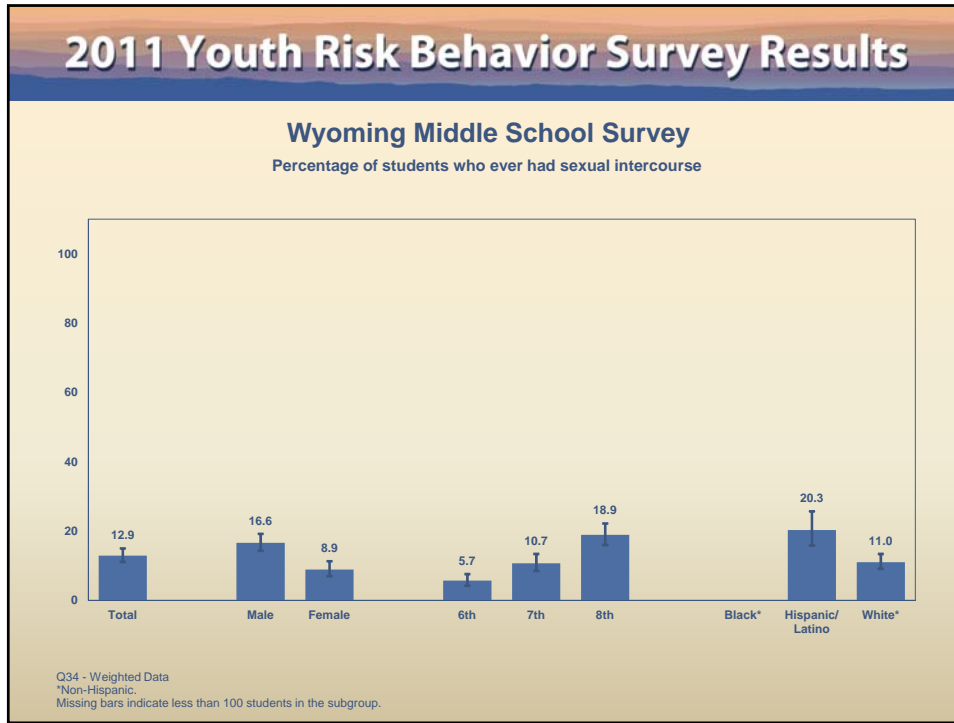
# Tobacco, Alcohol, and Drug Use - High School



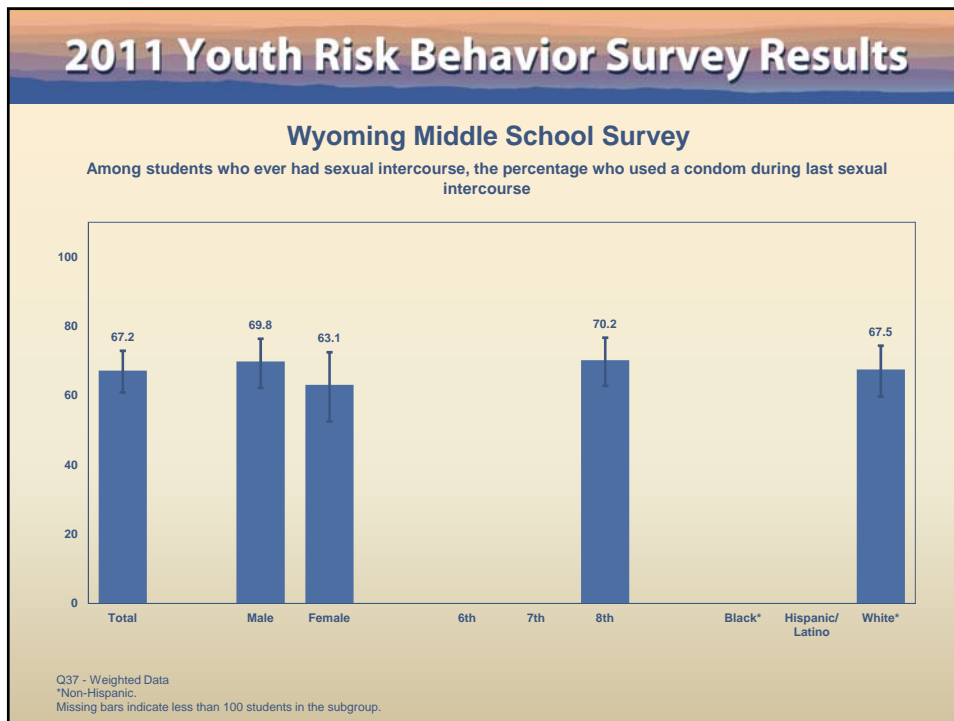
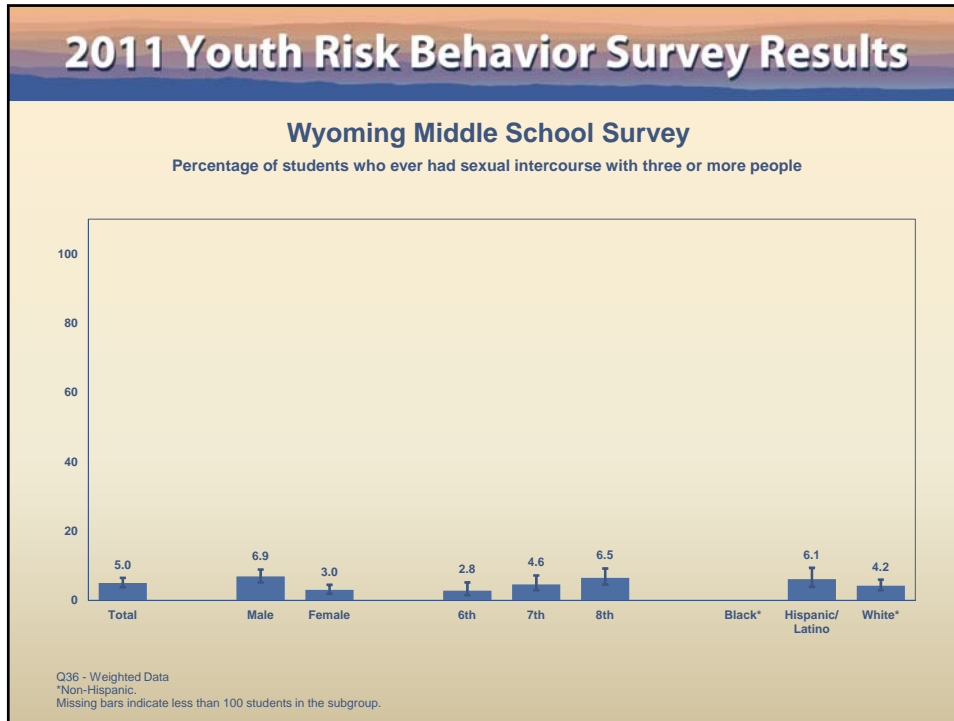
# Tobacco, Alcohol, and Drug Use - High School



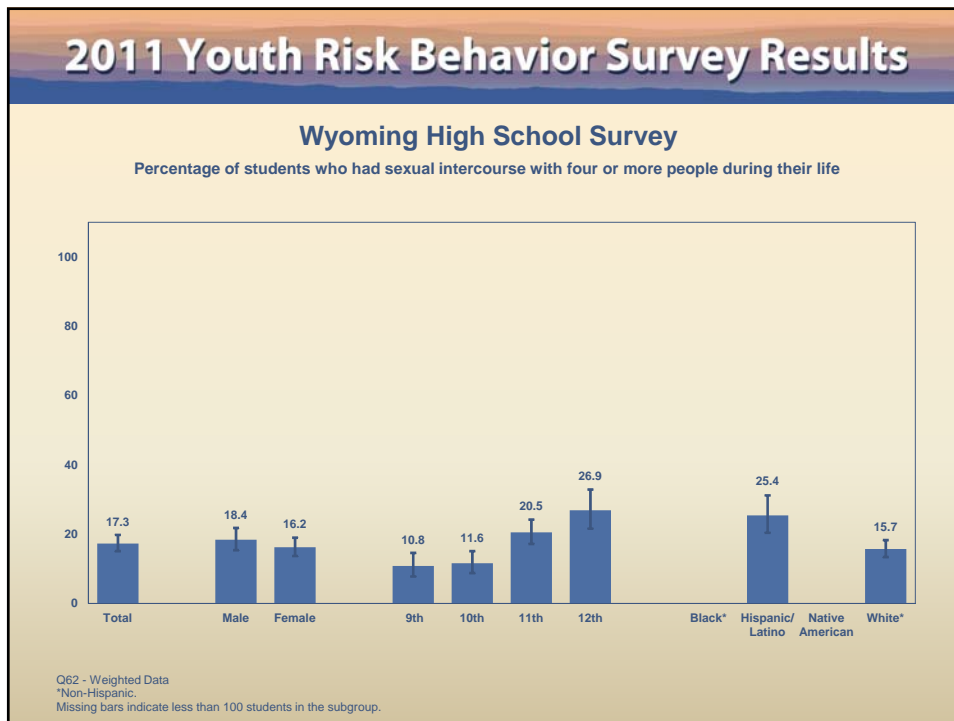
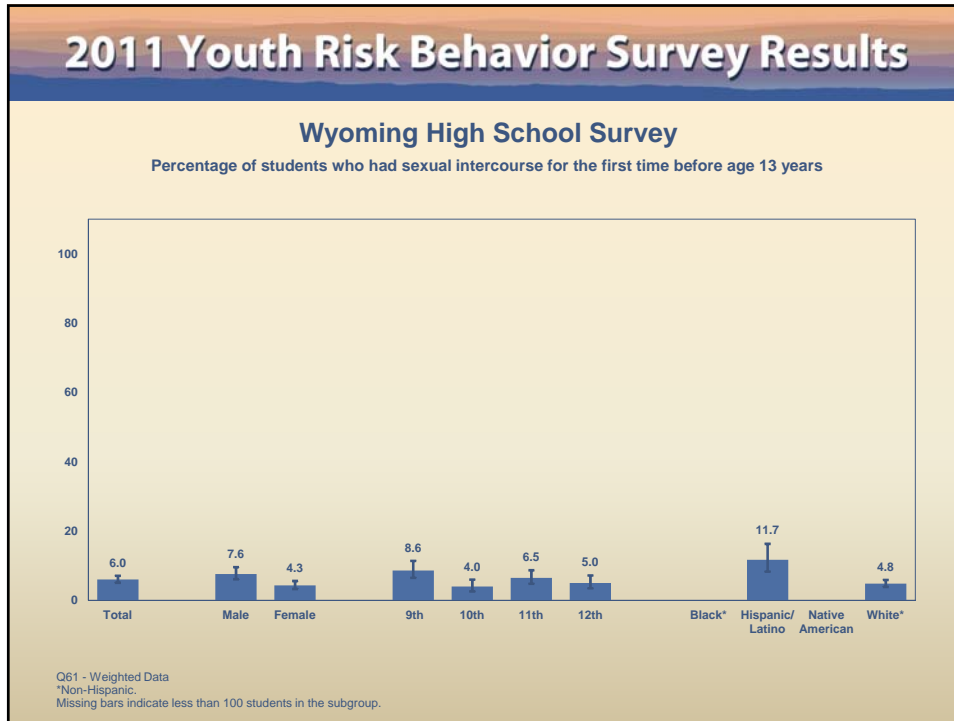
# Sexual Behavior - Middle School



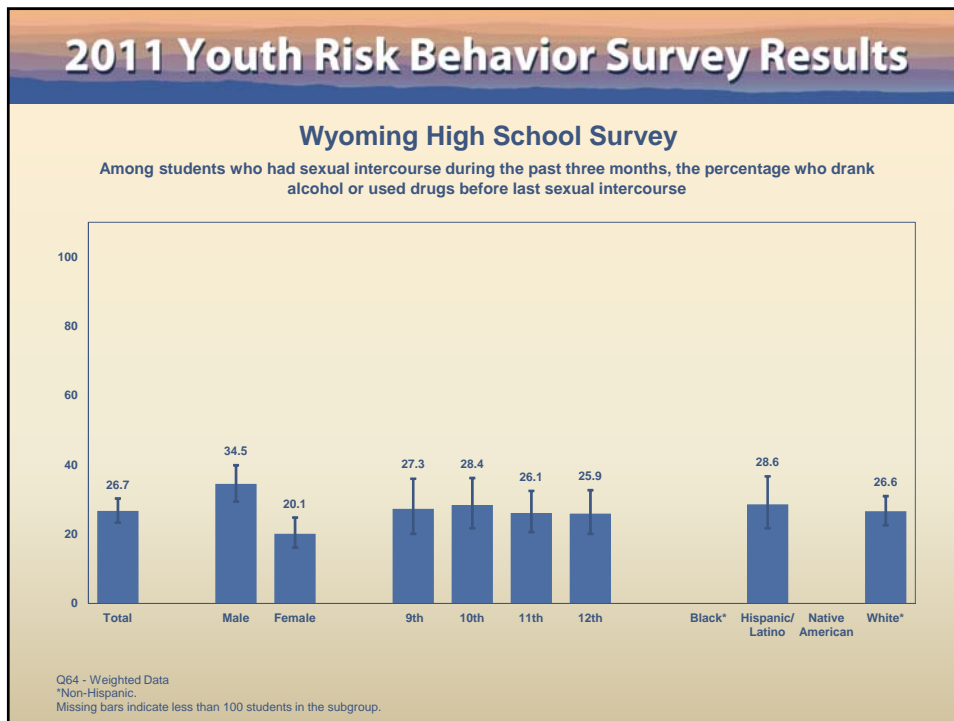
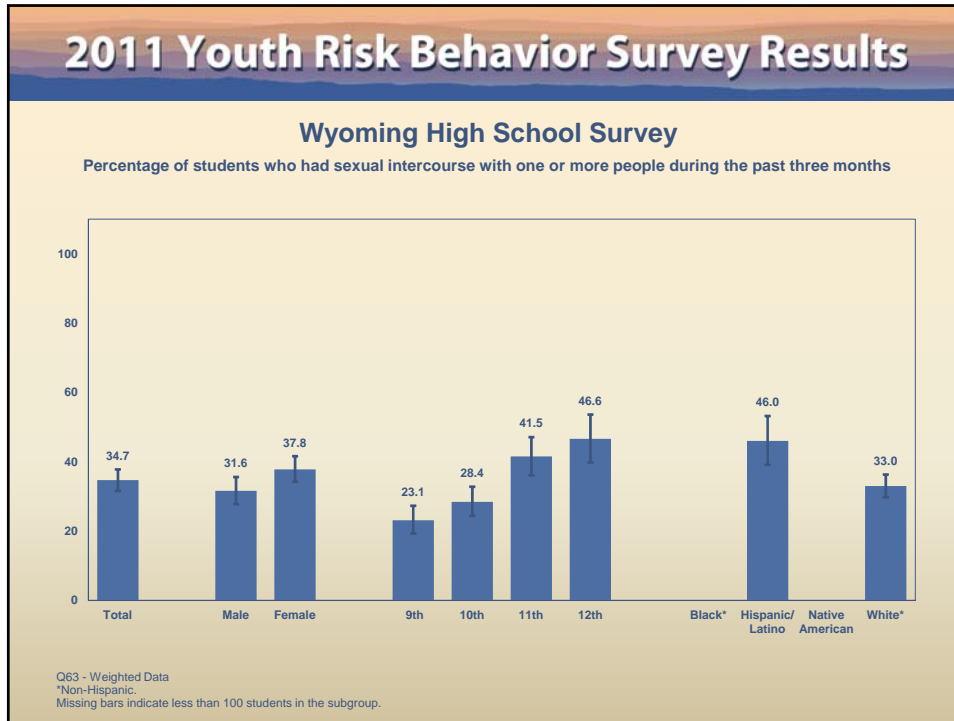
# Sexual Behavior - Middle School



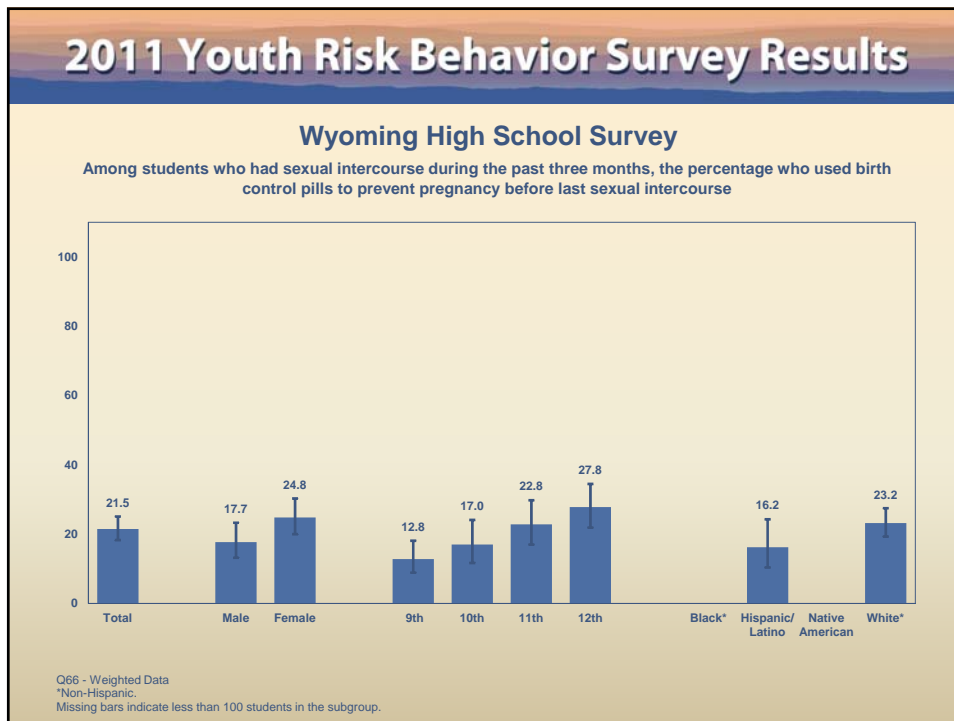
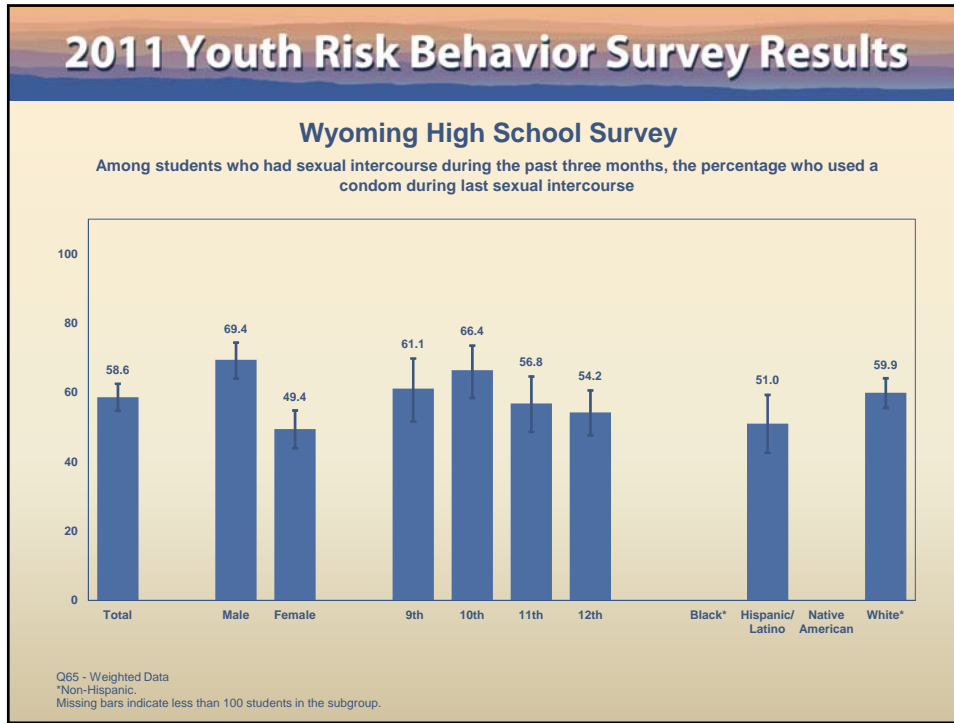
# Sexual Behavior - High School



# Sexual Behavior - High School

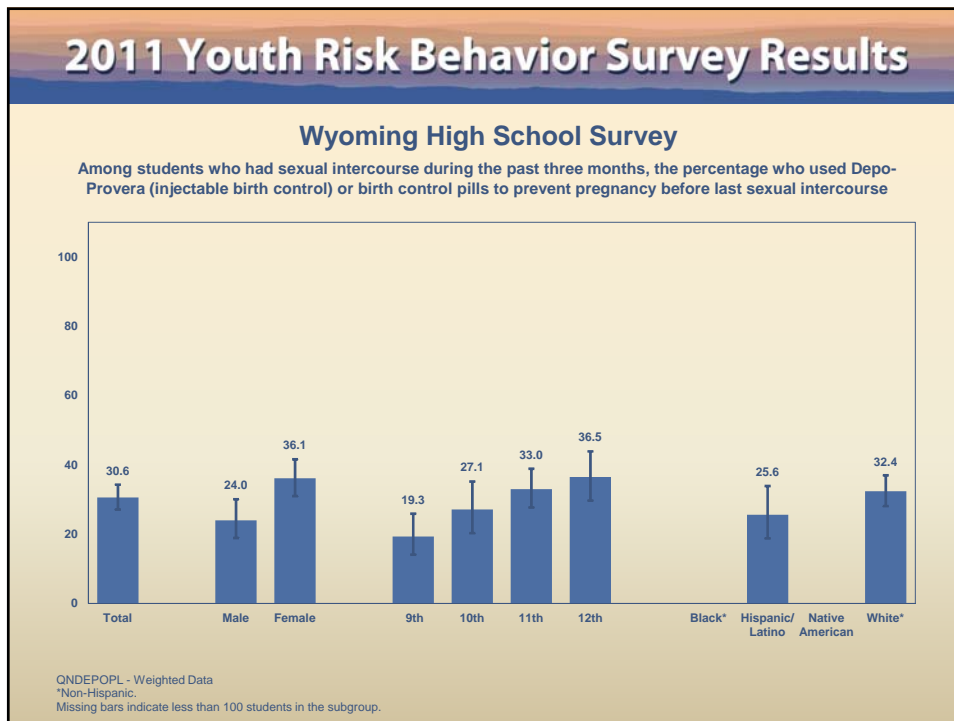
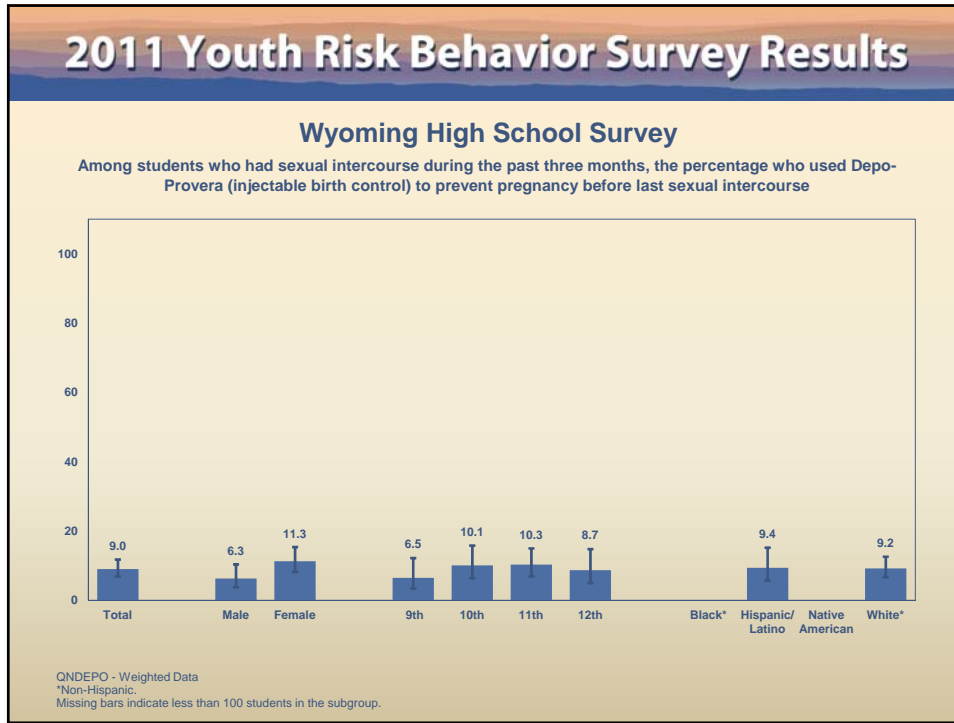


# Sexual Behavior - High School

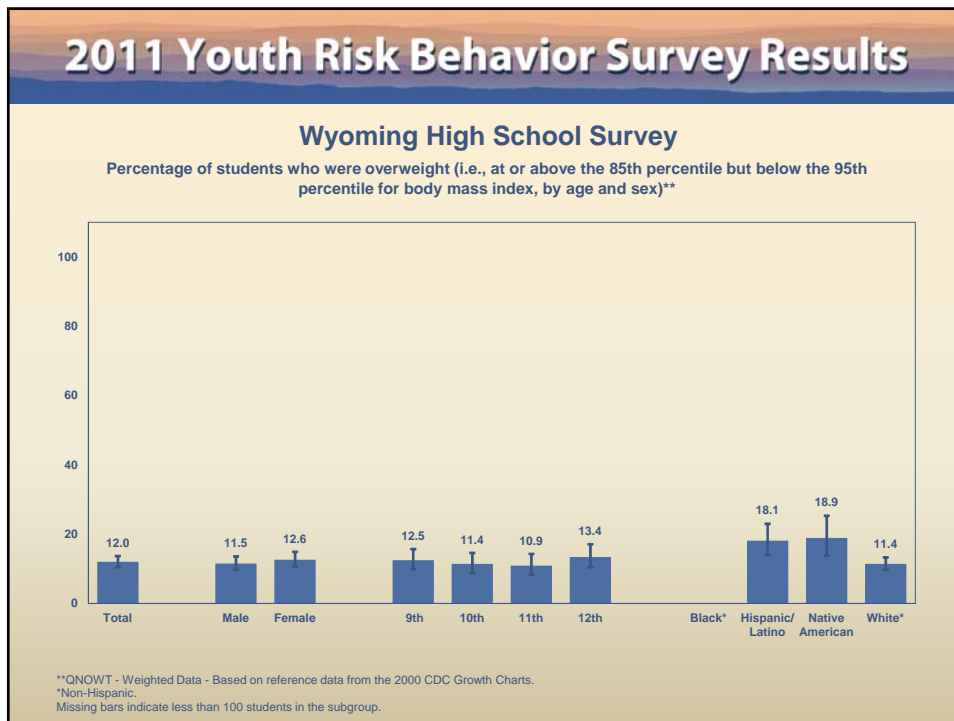
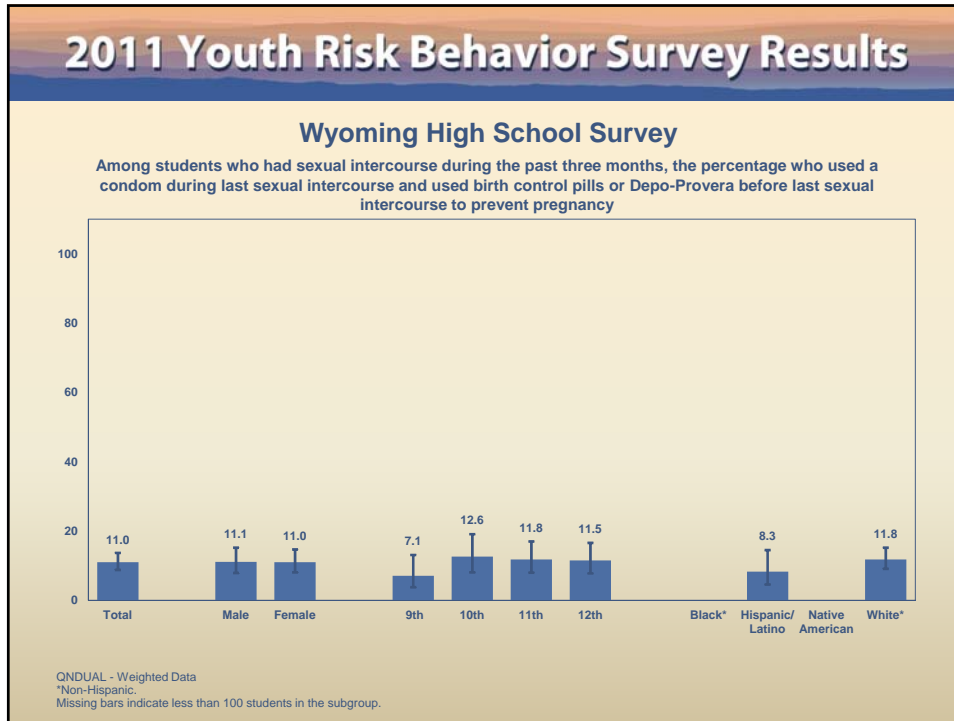




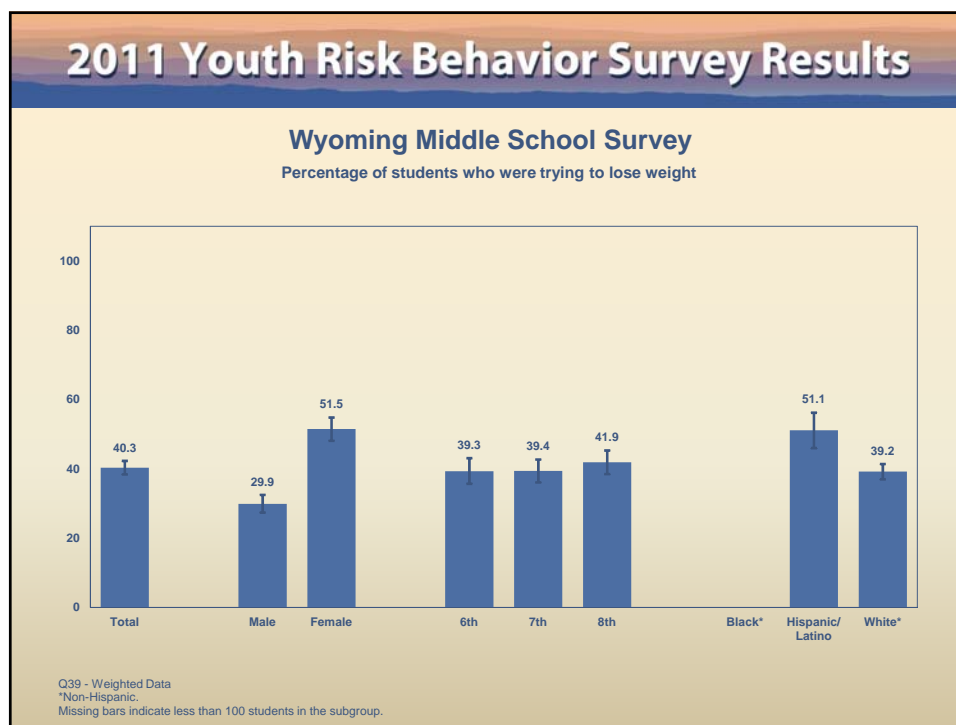
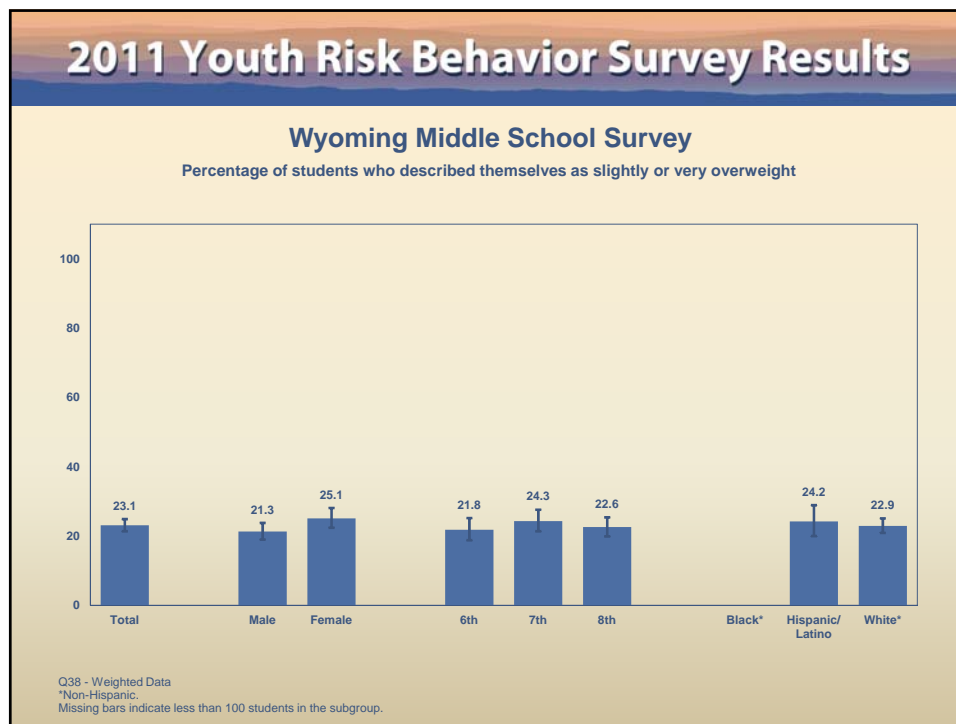
# Sexual Behavior - High School



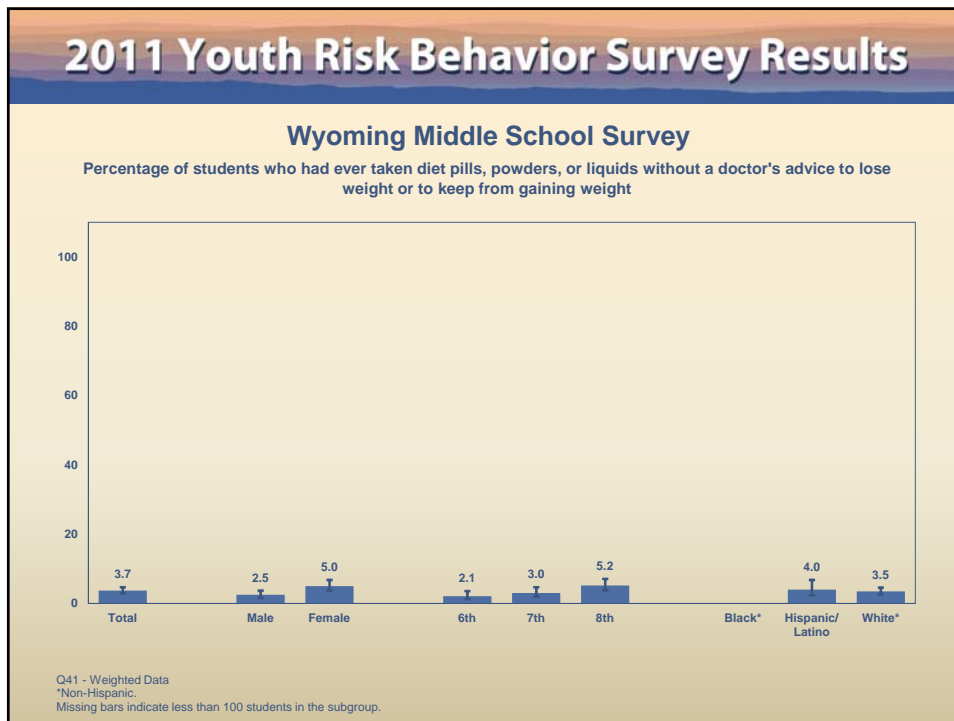
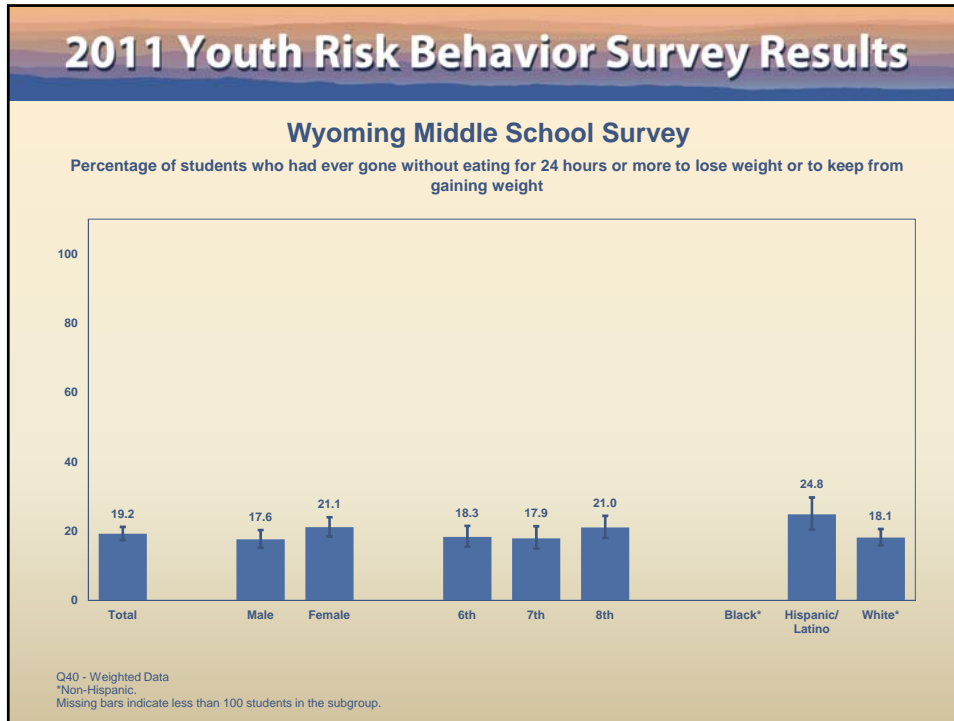
# Sexual Behavior - High School



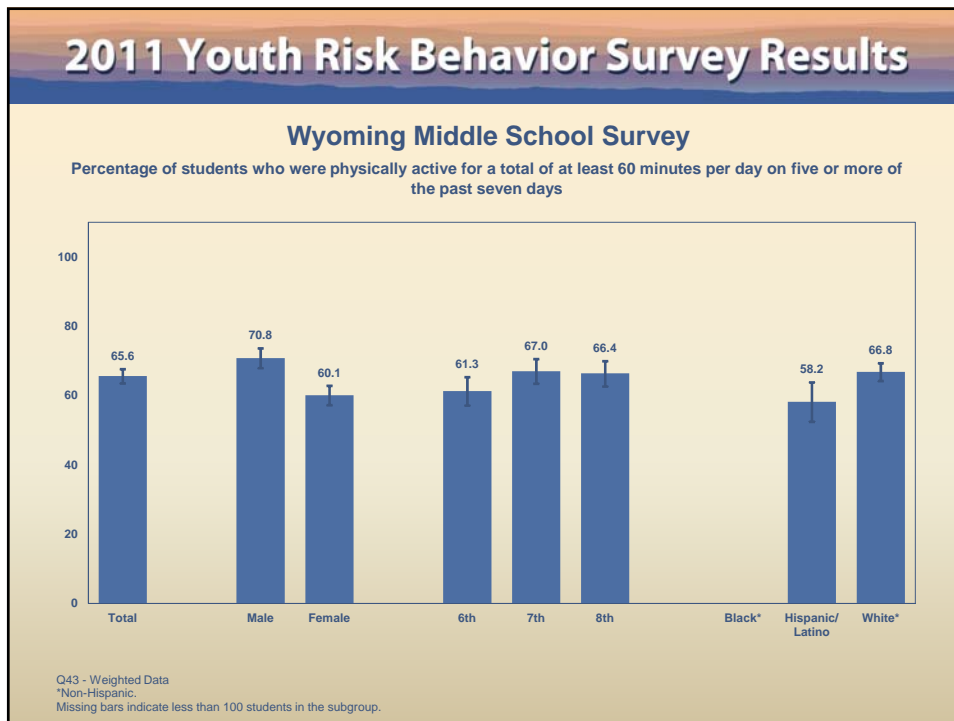
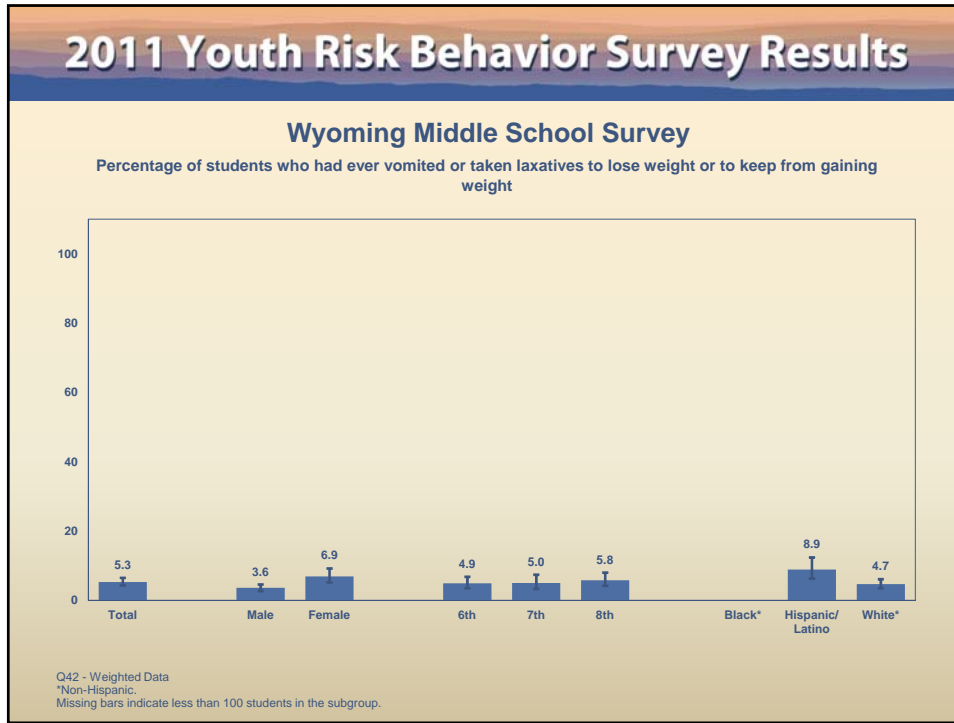
# Weight Management and Physical Activity - Middle School



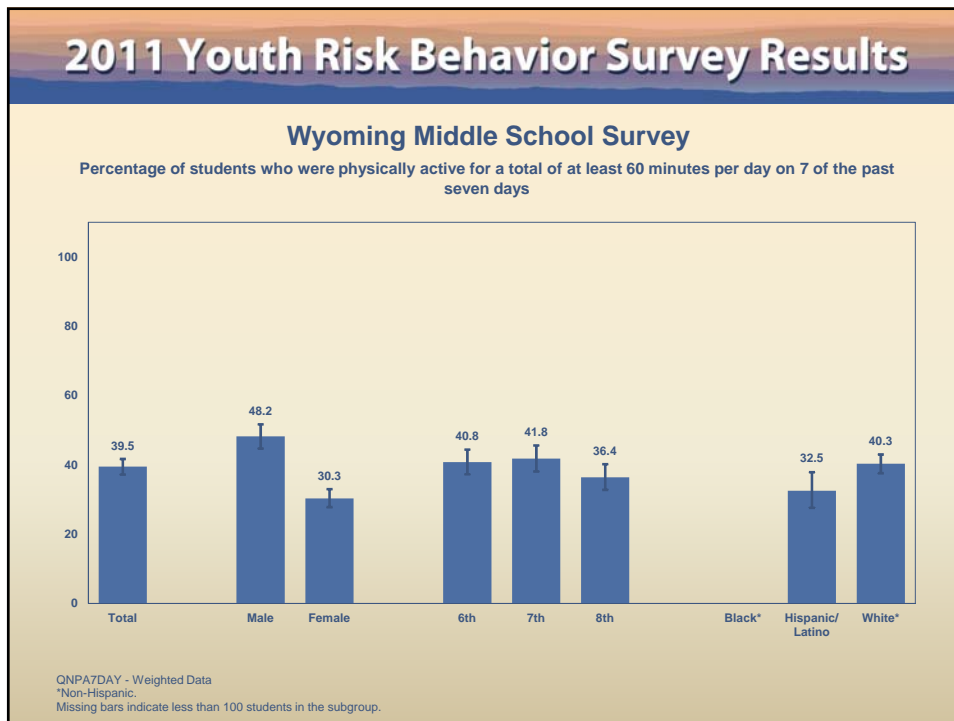
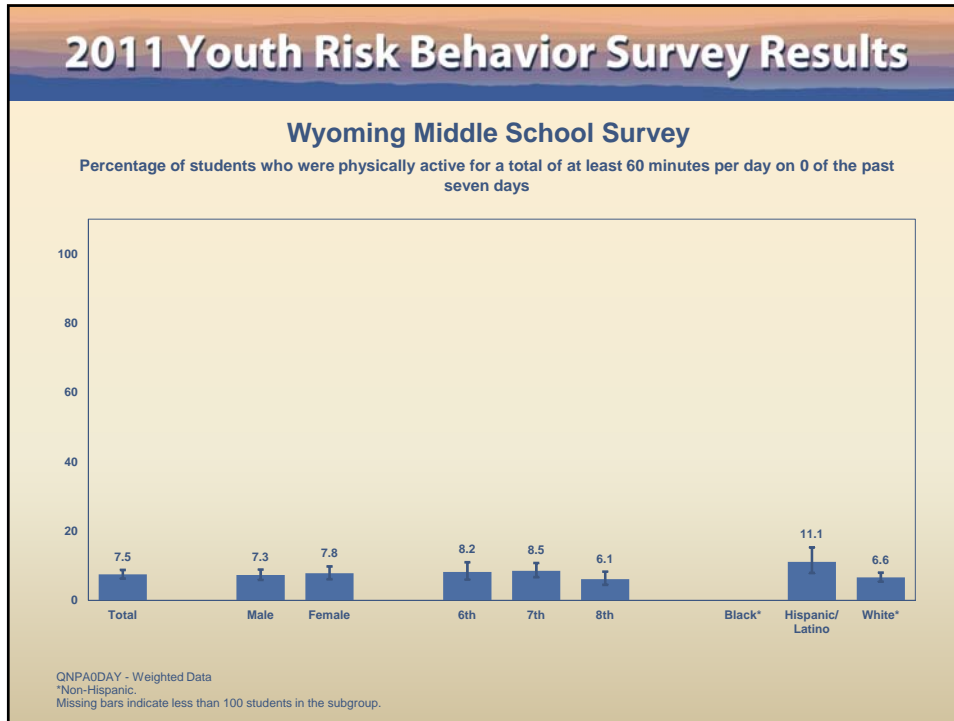
# Weight Management and Physical Activity - Middle School



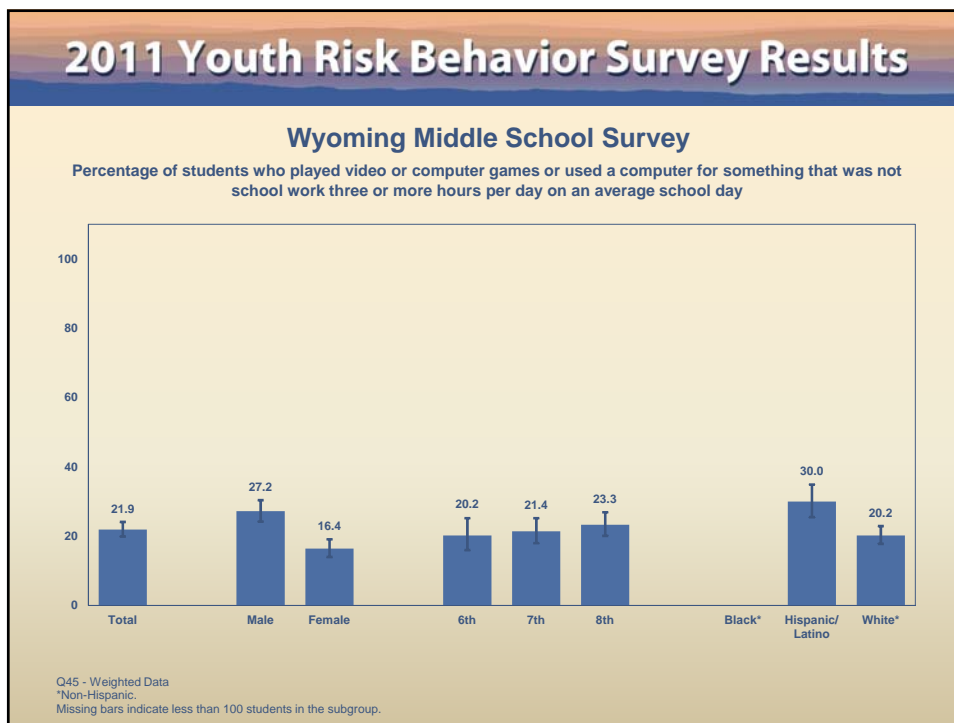
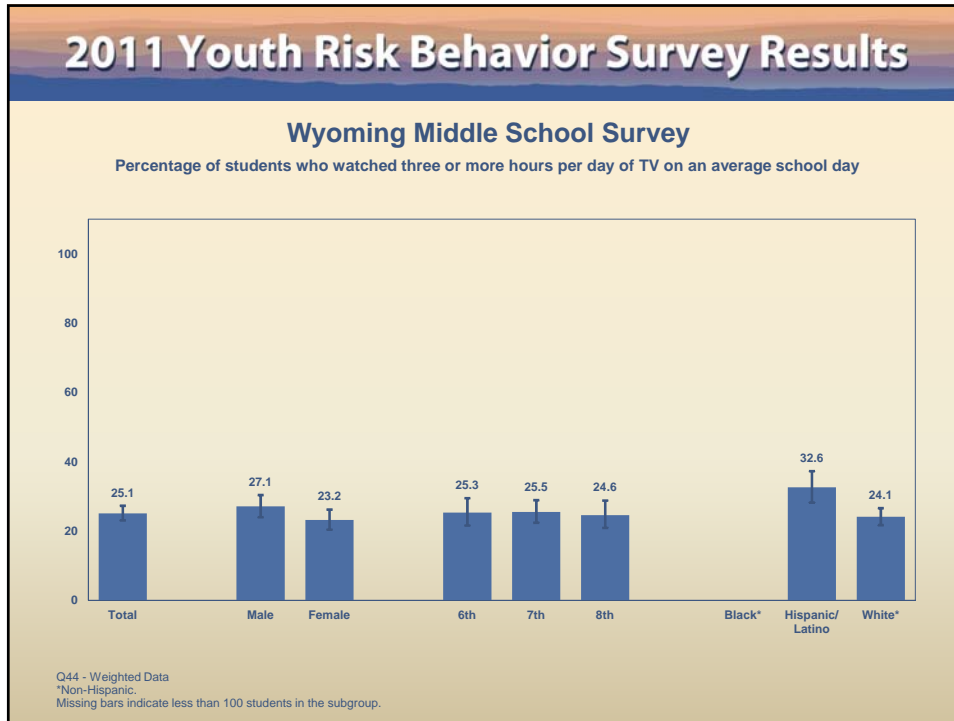
# Weight Management and Physical Activity - Middle School



# Weight Management and Physical Activity - Middle School



# Weight Management and Physical Activity - Middle School



# Weight Management and Physical Activity - Middle School

