

# **Bullying and Harassment for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

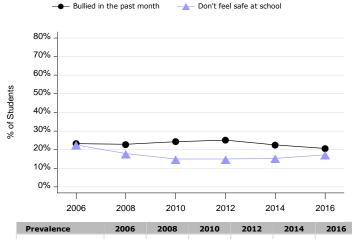
- · All Washington schools are required, at a minimum, to implement state model policy and procedures which prohibit harassment, intimidation and bullying.
- Bullying is intentional, repeated, negative behavior on the part of an aggressor or aggressors toward a target or targets. It also involves a perceived power imbalance of some kind.
- Students who report being bullied or harassed also report getting lower grades in school.
- · Researchers have identified evidence-based programs which reduce bullying and harassment and help build positive school climates.

#### For More Information:

• School Safety Center, sponsored by the Office of Superintendent of Public Instruction at: www.k12.wa.us/safetycenter.

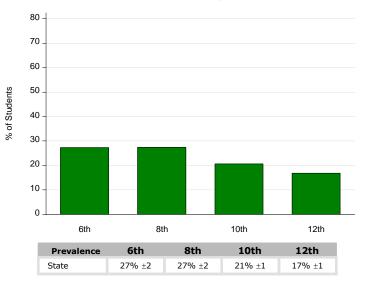
#### **Bullying and Harassment** Grade 10, 2016 80% 72% 70% 56% 60% % of Students 50% 40% 30% 22% 21% 20% 12% 11% 9% 10% Bullied at Tries to Knows how Bullied or Received Harassec Harassed stop bullying to report bullying harassed by computer or email/text with sexual due to sexual cell phone photo orientation

# Bullying and Harassment Trends, Grade 10 -- Bullied in the past month -- Don't feel safe at school

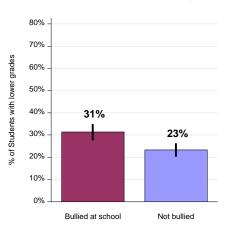


Prevalence	2006	2008	2010	2012	2014	2016
Bullied at school	23% ±1	23% ±1	24% ±1	25% ±1	23% ±1*	21% ±1*
Don't feel safe at school	23% ±2	18% ±3*	15% ±2	15% ±2	15% ±3	17% ±2

# Bullied in Past Month Statewide/All Grades, 2016



# Statewide Relationship between Lower Grades and Bullying Grade 10, 2016



Statewide, more
10th graders who
are bullied at
school report
lower grades in
school (C's, D's or
F's) compared to
those who aren't
bullied.



# **Bullying and Harassment for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

- · All Washington schools are required, at a minimum, to implement state model policy and procedures which prohibit harassment, intimidation and bullying.
- Bullying is intentional, repeated, negative behavior on the part of an aggressor or aggressors toward a target or targets. It also involves a perceived power imbalance of some kind.
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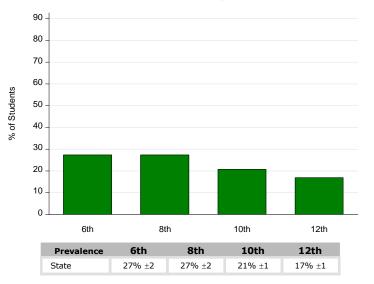
#### **Bullying and Harassment** Grade 12, 2016 90% 76% 80% 58% 60% % of Students 50% 40% 30% 23% 17% 20% 11% 7% 8% 10% Bullied at Tries to Knows how Bullied or Received Harassec Harassed stop bullying to report bullying harassed by computer or email/text with sexual due to sexual cell phone photo orientation

#### - Bullied in the past month Don't feel safe at school 90% 80% 70% 60% % of Students 50% 40% 30% 20% 10% 0% 2006 2008 2010 2014 2016 2012

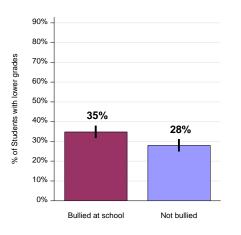
**Bullying and Harassment Trends, Grade 12** 

Prevalence	2006	2008	2010	2012	2014	2016
Bullied at school	16% ±1	16% ±1	17% ±1	18% ±1	16% ±1*	17% ±1
Don't feel safe at school	19% ±2	15% ±3*	12% ±2	13% ±2	13% ±2	15% ±2

# Bullied in Past Month Statewide/All Grades, 2016



# Statewide Relationship between Lower Grades and Bullying Grade 12, 2016



Statewide, more
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# **Unintentional Injury for Washington State**

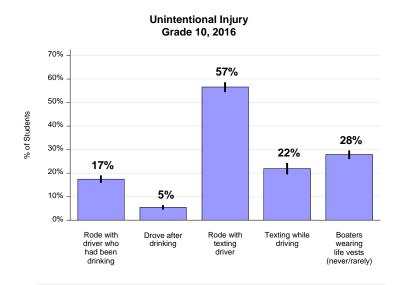
Grade: 10 Year: 2016 Gender: Both Number of Students Surveyed: 10,835

# Background:

- Unintentional injury is the leading cause of death among youth. Motor vehicle crashes are the most common cause.
- Unintentional injuries are caused by behaviors such as drinking and driving, riding with a drinking driver, riding a bike or motorcycle without a helmet, or not wearing a life jacket.
- Most unintentional injuries can be prevented. Alcohol and other substances impair one's judgment and may contribute to injuries and even death.

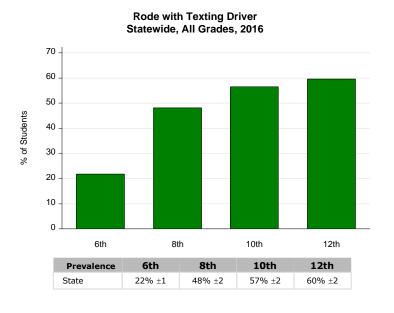
#### For More Information:

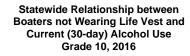
· Visit the Washington State Injury and Violence Prevention Website at: www.doh.wa.gov/DataandStatisticalReports/InjuryViolenceandPoisoning.

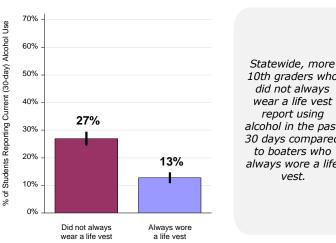


In 2016, 57% of 10th graders in our state rode with a driver who was either texting or emailing while driving.

#### **Unintentional Injury Trends** Grade 10 Rode with drinking driver Wearing life vests (never/rarely) 70% 60% 50% % of Students 40% 30% 20% 10% 0% 2006 2008 2010 2012 2014 2016 2008 2010 2012 2014 2016 Rode with driver 25% ±2 24% ±2 22% +2\* 19% ±1\* 18% ±1 17% ±2 drinking Wearing life vests 30% ±2\* 28% ±3 28% ±3 28% ±2 33% ±2 29% ±2







10th graders who did not always wear a life vest report using alcohol in the past 30 days compared to boaters who always wore a life vest.



# **Unintentional Injury for Washington State**

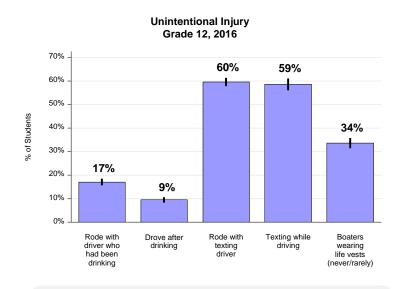
Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

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- Unintentional injuries are caused by behaviors such as drinking and driving, riding with a drinking driver, riding a bike or motorcycle without a helmet, or not wearing a life jacket.
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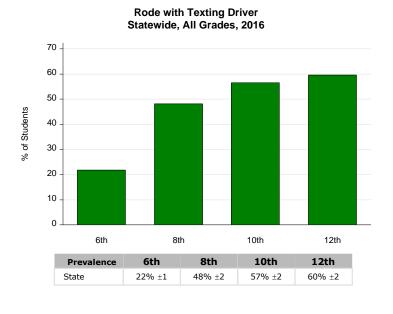
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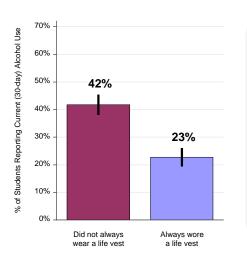
In 2016, 60% of 12th graders in our state rode with a driver who was either texting or emailing while driving.

#### Grade 12 Rode with drinking driver Wearing life vests (never/rarely) 70% 60% 50% % of Students 40% 30% 20% 10% 0% 2006 2008 2010 2012 2014 2016 2008 2012 2014 2016 Rode with driver 24% ±2 23% +2 23% +2 21% ±2 17% ±2\* 17% ±1 drinking Wearing life vests 41% ±3 37% ±3 34% ±2 36% ±3 35% ±3 36% ±3

**Unintentional Injury Trends** 



# Statewide Relationship between Boaters not Wearing Life Vest and Current (30-day) Alcohol Use Grade 12, 2016



Statewide, more
12th graders who
did not always
wear a life vest
report using
alcohol in the past
30 days compared
to boaters who
always wore a life
vest.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05



# **Violent Behaviors and School Safety for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

% of Students

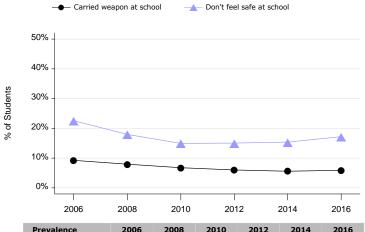
- · Creating a supportive learning environment is critical for student academic achievement.
- · Researchers have identified best practice programs that can address negative student behaviors and build positive school culture.
- School safety requires the commitment of staff, students, parents and the community. Washington schools are required to have a comprehensive school safety plan that includes: prevention, intervention, all-hazards/crisis response, and post crisis recovery (RCW 28A.320.125).
- · Schools referral systems that encourage students to report threats will help prevent violent incidents.

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- · Washington State Department of Health Injury and Violence Prevention Program website: www.doh.wa.gov.

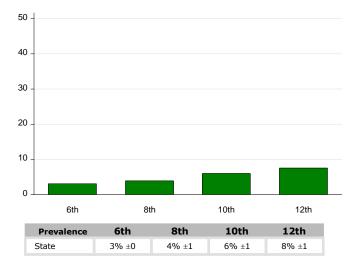
# Violent Behavior and School Safety Grade 10, 2016 50% 40% % of Students 30% 19% 17% 20% 11% 10% 6% 5% Don't feel Gang Carried Gangs at weapon at school because felt

# Violent Behavior and School Safety Trends, Grade 10

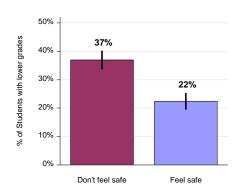


Prevalence	2006	2008	2010	2012	2014	2016
Carried weapon at school	9% ±1	8% ±1	7% ±1	6% ±1	6% ±1	6% ±1
Don't feel safe at school	23% ±2	18% ±3*	15% ±2	15% ±2	15% ±3	17% ±2

# Carried a Weapon at School Statewide, All Grades, 2016



# Statewide Relationship between Lower Grades and Not Feeling Safe at School Grade 10, 2016



Statewide, more 10th graders who don't feel safe at school report lower grades in school (C's, D's or F's) compared to those who feel safe.



# **Violent Behaviors and School Safety for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

% of Students

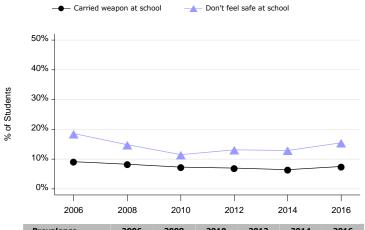
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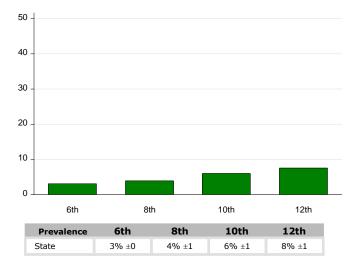
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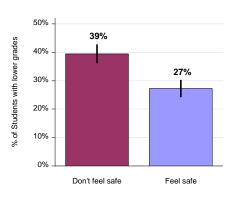


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# Carried a Weapon at School Statewide, All Grades, 2016



# Statewide Relationship between Lower Grades and Not Feeling Safe at School Grade 12, 2016



Statewide, more 12th graders who don't feel safe at school report lower grades in school (C's, D's or F's) compared to those who feel safe.



# **Community Protective Factors for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

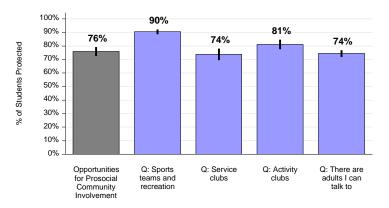
# Background:

- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students protected," which is defined as the percent of students whose scores were above a protection cutpoint determined by UW researchers. We also report some of the individual questions.
- Protective factors in the community environment are those that offer the youth opportunities and rewards for participating in positive and healthy
  activities.

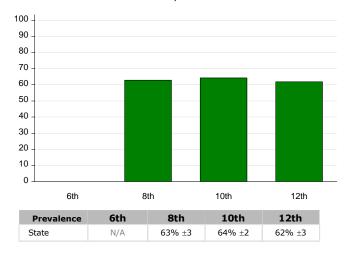
#### For More Information:

- Parents, schools, and communities can work together to keep youth healthy and safe. To learn more about prevention coalitions in your area and how to get involved, go to the Start Talking Now website: www.StartTalkingNow.org.
- For free guides on preventing alcohol and other drug use, visit the ADAI Clearinghouse www.ADAIClearingHouse.org or call (206) 221-8325.
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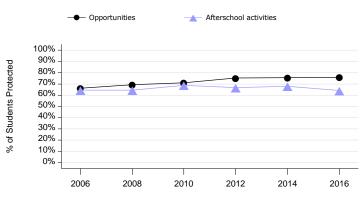
# Protective Factor: Opportunities for Prosocial Community Involvement with Component Questions (Q) Grade 10, 2016



# Participate in Afterschool Activities All Grades, 2016

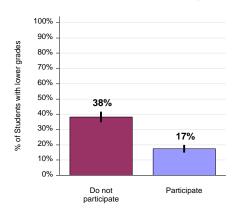


#### Community Protective Factor and Afterschool Activity Trends Grade 10, 2016



Prevalence	2006	2008	2010	2012	2014	2016
Opportunities	66% ±3	69% ±3	71% ±3	75% ±4	75% ±3	76% ±3
Participation in afterschool activities	64% ±3	64% ±2	69% ±2*	67% ±3	68% ±3	64% ±2*

# Statewide Relationship between Lower Grades and Participation in Afterschool Activities Grade 10, 2016



Statewide, more
10th graders who
do not participate
in after-school
activities report
lower grades in
school (C's, D's or
F's) compared to
those who do
participate.



# **Community Protective Factors for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

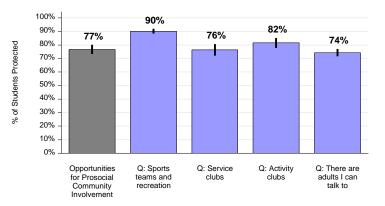
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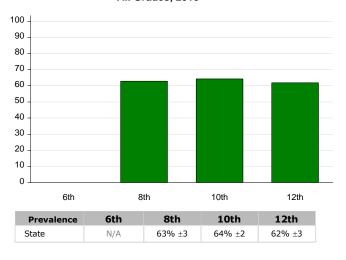
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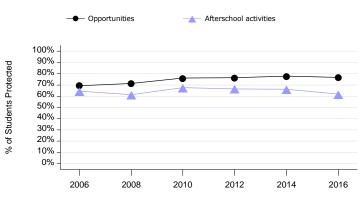
# Protective Factor: Opportunities for Prosocial Community Involvement with Component Questions (Q) Grade 12, 2016



# Participate in Afterschool Activities All Grades, 2016

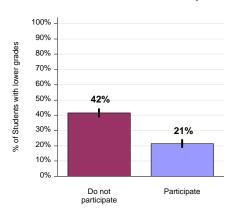


#### Community Protective Factor and Afterschool Activity Trends Grade 12, 2016



Prevalence	2006	2008	2010	2012	2014	2016
Opportunities	69% ±3	71% ±4	76% ±3	76% ±4	78% ±4	77% ±3
Participation in afterschool activities	64% ±3	61% ±3	68% ±4*	66% ±3	66% ±3	62% ±3

# Statewide Relationship between Lower Grades and Participation in Afterschool Activities Grade 12, 2016



Statewide, more
12th graders who
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Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05



# **Community Risk Factors for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

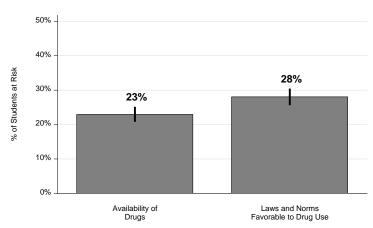
- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students at risk," which is defined as the percent of students whose scores were above a risk cutpoint determined by UW researchers. We also report some of the individual questions.
- Risk factors in the **community environment** point to youth perceptions of local attitudes, beliefs, and standards: if youth <u>perceive</u> people in the community look the other way when kids are using substances, the youth have a higher likelihood of being substance users that is, they are "at risk."

#### For More Information:

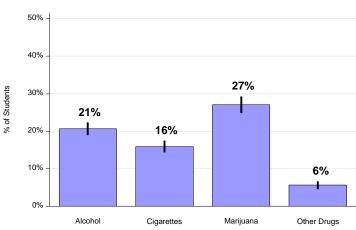
% of Students at Risk

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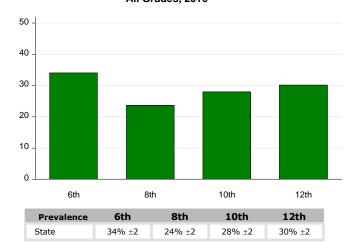
# Risk Factors: Availabability of Drugs and Laws and Norms Favorable to Drug Use Grade 10, 2016



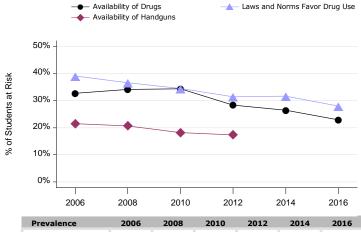
# Substances Perceived as "Very Easy" to Get Grade 10, 2016



# Risk Factor: Laws and Norms Favorable to Drug Use All Grades. 2016



# Community Risk Factor Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2010
Availability of Drugs	33% ±2	34% ±3	34% ±3	28% ±2*	26% ±2	23% ±2*
Laws and Norms Favor Drug Use	39% ±3	37% ±3	34% ±3	31% ±3	32% ±3	28% ±2
Availability of Handguns	22% ±2	21% ±2	18% ±2	17% ±2	N/S	N/S



# **Community Risk Factors for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

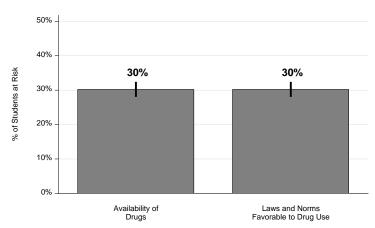
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- Risk factors in the **community environment** point to youth perceptions of local attitudes, beliefs, and standards: if youth <u>perceive</u> people in the community look the other way when kids are using substances, the youth have a higher likelihood of being substance users that is, they are "at risk."

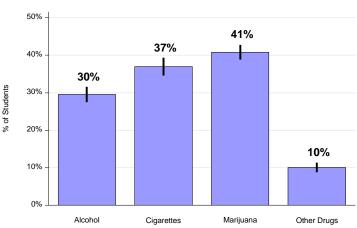
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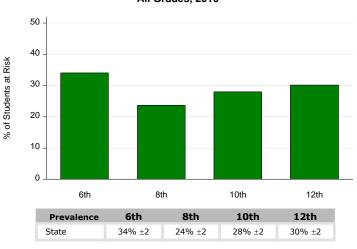
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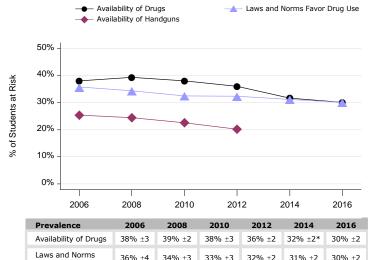
# Substances Perceived as "Very Easy" to Get Grade 12, 2016



# Risk Factor: Laws and Norms Favorable to Drug Use All Grades. 2016



# Community Risk Factor Trends, Grade 12



36% ±4 34% ±3 33% ±3 32% ±2 31% ±2 30% ±2
25% ±3 24% ±2 23% ±3 20% ±3 N/S N/S

Favor Drug Use Availability of Handguns



# **School Risk Factors for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

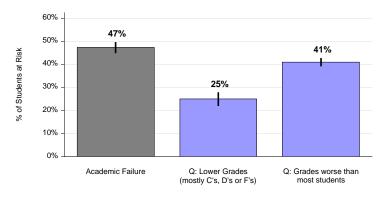
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- Risk factors in the **school environment** are those perceptions related to connection and commitment to school. Kids who are not doing well academically, or who don't believe that school is important, are likely to feel less connected and less committed to school and likely to be those same kids who are experimenting with drugs, or having trouble with depression.
- Researchers have identified best practice programs that can decrease risk factors and build supportive school culture.

#### For More Information:

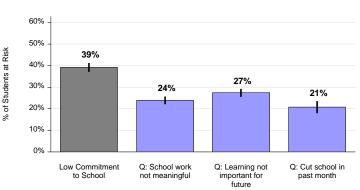
% of Students at Risk

- Information about supportive learning environments, sponsored by the Office of Superintendent of Public Instruction visit www.k12.wa.us/compassionateschools.
- For information about the associations between Risk and Protective Factors and problem behaviors visit www.oasas.ny.gov/prevention/documents/RiskProtFactors2011.pdf.
- Parents can find definitions for Risk and Protective Factors at www.oasas.ny.gov/prevention/documents/RPFactorDictionary07.pdf.
- For local Risk Factor profiles go to www.dshs.wa.gov/rda/research/Risk.shtm.

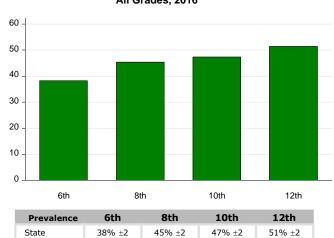
# Risk Factor: Academic Failure with Component Questions (Q:) Grade 10, 2016



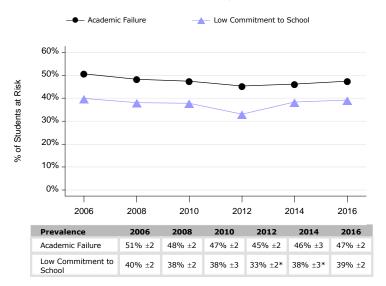
# Risk Factor: Low Commitment to School with Component Questions (Q:) Grade 10, 2016



# Academic Failure (RF) All Grades, 2016



#### School Risk Factor Trends, Grade 10





# **School Risk Factors for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

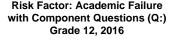
# Background:

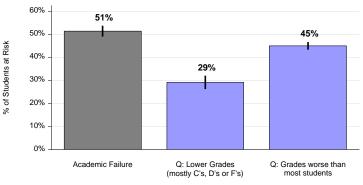
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- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students at risk," which is defined as the percent of students whose scores were above a risk cutpoint determined by UW researchers. We also report some of the individual questions.
- Risk factors in the **school environment** are those perceptions related to connection and commitment to school. Kids who are not doing well academically, or who don't believe that school is important, are likely to feel less connected and less committed to school and likely to be those same kids who are experimenting with drugs, or having trouble with depression.
- Researchers have identified best practice programs that can decrease risk factors and build supportive school culture.

#### For More Information:

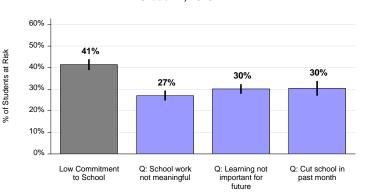
% of Students at Risk

- Information about supportive learning environments, sponsored by the Office of Superintendent of Public Instruction visit www.k12.wa.us/compassionateschools.
- For information about the associations between Risk and Protective Factors and problem behaviors visit www.oasas.ny.gov/prevention/documents/RiskProtFactors2011.pdf.
- Parents can find definitions for Risk and Protective Factors at www.oasas.ny.gov/prevention/documents/RPFactorDictionary07.pdf.
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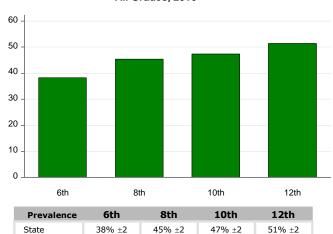




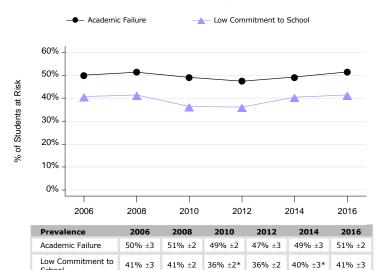
# Risk Factor: Low Commitment to School with Component Questions (Q:) Grade 12, 2016



# Academic Failure (RF) All Grades, 2016



#### School Risk Factor Trends, Grade 12





# **Peer-Individual Risk Factors**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

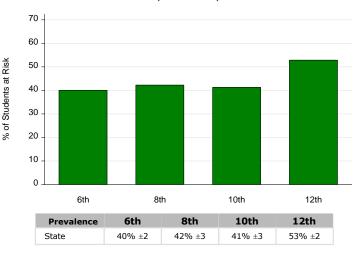
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- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students at risk," which is defined as the percent of students whose scores were above a risk cutpoint determined by UW researchers. We also report some of the individual questions.
- Risk factors in the peer and individual domain include attitudes youth have about substance use as well as the behaviors of their friends.

#### For More Information:

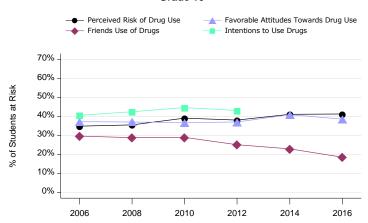
- Parents, schools, and communities can work together to keep youth healthy and safe. To learn more about prevention coalitions in your area and how to get involved, go to the Start Talking Now website: www.StartTalkingNow.org.
- For free guides on preventing alcohol and other drug use, visit the ADAI Clearinghouse www.adaiclearinghouse.org or call (206) 221-8325.
- For prevention tips and other online resources, visit www.StartTalkingNow.org and www.drugfree.org.
- For 24 hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.

#### Peer-Individual Risk Factors Grade 10, 2016 70% 60% 50% % of Students at Risk 41% 39% 40% 30% 19% 19% 20% 10% 0% Perceived Risk Friends Use Early Initiation Favorable Attitudes Towards Drug Use of Drug Use of Drug Use

# Risk Factor: Perceived Risk of Drug Use Statewide, All Grades, 2016



#### Peer-Individual Risk Factor Trends Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Perceived Risk of Drug Use	35% ±2	36% ±2	39% ±3	38% ±3	41% ±3	41% ±3
Favorable Attitudes Towards Drug Use	37% ±2	37% ±2	37% ±3	37% ±2	41% ±2*	39% ±3
Friends Use of Drugs	30% ±2	29% ±2	29% ±2	25% ±2*	23% ±2	19% ±2*
Intentions to Use Drugs	41% ±2	43% ±3	45% ±3	43% ±3	N/S	N/S

In 2016, 39% of 10th graders in our state were at risk for favorable attitudes towards drugs.

From 2014 to 2016, there has been no change in the perceived risk of drug use among 10th graders in our state.



# **Peer-Individual Risk Factors**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students at risk," which is defined as the percent of students whose scores were above a risk cutpoint determined by UW researchers. We also report some of the individual questions.
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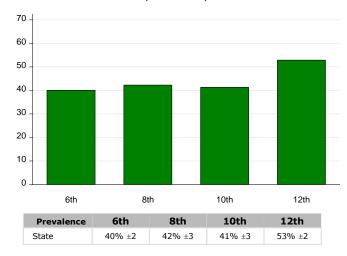
#### For More Information:

% of Students at Risk

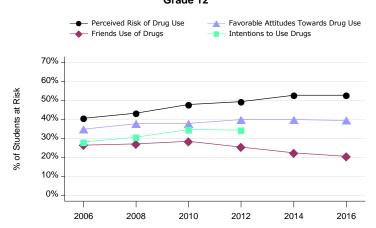
- Parents, schools, and communities can work together to keep youth healthy and safe. To learn more about prevention coalitions in your area and how to get involved, go to the Start Talking Now website: www.StartTalkingNow.org.
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#### Peer-Individual Risk Factors Grade 12, 2016 70% 60% 53% 50% % of Students at Risk 39% 40% 30% 22% 21% 20% 10% 0% Perceived Risk Friends Use Early Initiation Favorable Attitudes Towards Drug Use of Drug Use of Drug Use

# Risk Factor: Perceived Risk of Drug Use Statewide, All Grades, 2016



#### Peer-Individual Risk Factor Trends Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Perceived Risk of Drug Use	41% ±4	43% ±3	48% ±2*	49% ±3	53% ±2*	53% ±2
Favorable Attitudes Towards Drug Use	35% ±3	38% ±2	38% ±3	40% ±2	40% ±3	39% ±3
Friends Use of Drugs	27% ±3	27% ±3	28% ±3	25% ±2	22% ±2*	21% ±2
Intentions to Use Drugs	28% ±3	31% ±3	35% ±2*	34% ±2	N/S	N/S

In 2016, 39% of 12th graders in our state were at risk for favorable attitudes towards drugs.

From 2014 to 2016, there has been no change in the perceived risk of drug use among 12th graders in our state.



# **Peer-Individual Protective Factors for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

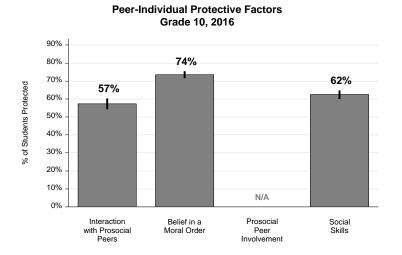
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- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students protected," which is defined as the percent of students whose scores were above a protection cutpoint determined by UW researchers. We also report some of the individual questions.
- Protective factors in the **peer and individual domain** point to the choices youth make about their friends and the skills they have at getting along in a positive social world.

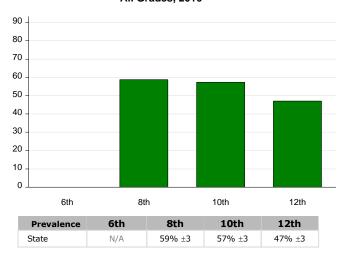
#### For More Information:

% of Students Protected

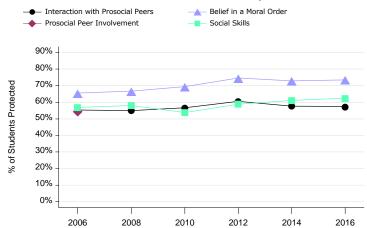
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# Protective Factor: Interaction with Prosocial Peers All Grades, 2016



#### Peer-Individual Protective Factor Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Interaction with Prosocial Peers	55% ±3	55% ±3	57% ±4	60% ±3	58% ±3	57% ±3
Belief in a Moral Order	65% ±2	67% ±2	70% ±3	75% ±2*	73% ±2	74% ±2
Prosocial Peer Involvement	54% ±3	N/A	N/A	N/A	N/A	N/A
Social Skills	57% ±2	58% ±3	54% ±3*	59% ±2*	61% ±2	62% ±2

In 2016, 57% of 10th graders in our state were protected by interactions with prosocial peers.

From 2014 to 2016, there has been no change in protection by interactions with prosocial peers among 10th graders in our state.



# **Peer-Individual Protective Factors for Washington State**

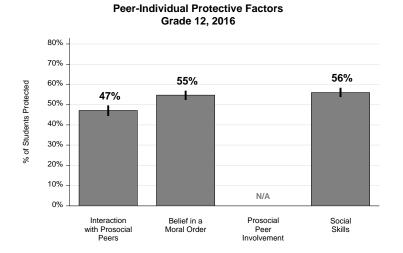
Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

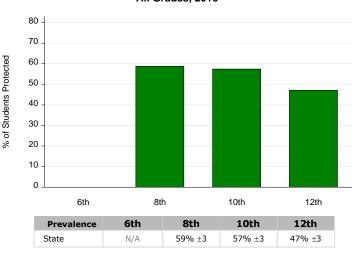
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- Protective factors in the **peer and individual domain** point to the choices youth make about their friends and the skills they have at getting along in a positive social world.

#### For More Information:

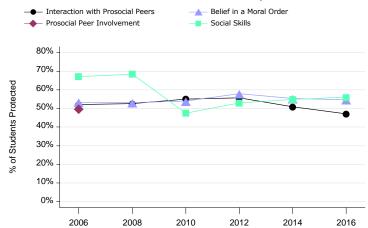
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# Protective Factor: Interaction with Prosocial Peers All Grades, 2016



#### Peer-Individual Protective Factor Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Interaction with Prosocial Peers	52% ±3	53% ±3	55% ±3	56% ±3	51% ±3*	47% ±3
Belief in a Moral Order	53% ±2	53% ±2	54% ±2	58% ±2*	55% ±2	55% ±2
Prosocial Peer Involvement	50% ±3	N/A	N/A	N/A	N/A	N/A
Social Skills	67% ±3	68% ±3	48% ±2*	53% ±3*	55% ±2	56% ±2

In 2016, 47% of 12th graders in our state were protected by interactions with prosocial peers.

From 2014 to 2016, there has been no change in protection by interactions with prosocial peers among 12th graders in our state.



# **School Protective Factors for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

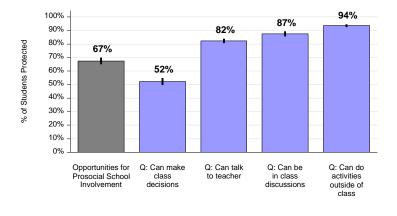
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- Protective factors in the **school environment** are those that provide youth the opportunities to participate in meaningful ways, and to experience the rewards of doing so.

#### For More Information:

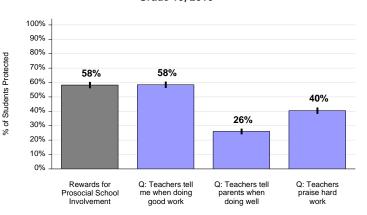
% of Students Protected

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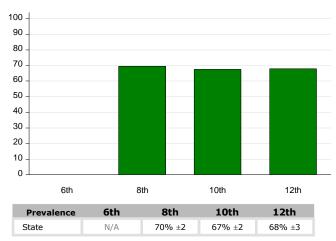
# Protective Factor: Opportunities for Prosocial School Involvement with Component Questions (Q:) Grade 10, 2016



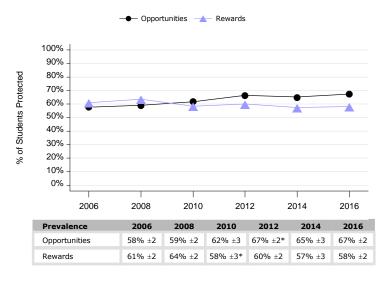
# Protective Factor: Rewards for Prosocial School Involvement with Component Questions (Q:) Grade 10, 2016



# Protective Factor: Opportunities for Proscial Involvement Statewide, All Grades, 2016



# School Protective Factor Trends, Grade 10





# **School Protective Factors for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

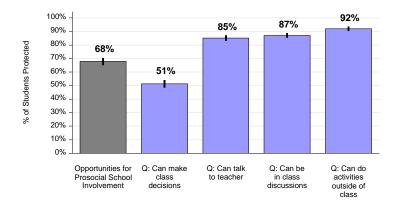
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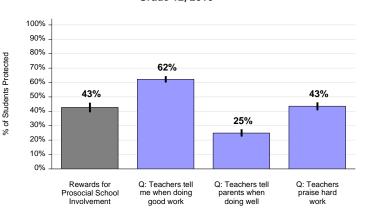
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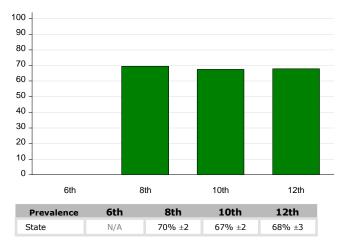
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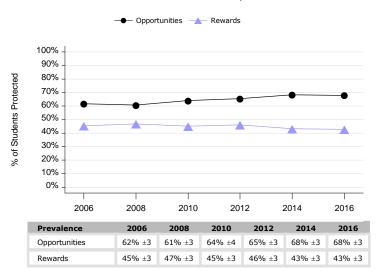
# Protective Factor: Rewards for Prosocial School Involvement with Component Questions (Q:) Grade 12, 2016



# Protective Factor: Opportunities for Proscial Involvement Statewide, All Grades, 2016



# **School Protective Factor Trends, Grade 12**





# **Dietary Behaviors for Washington State**

10%

2006

2008

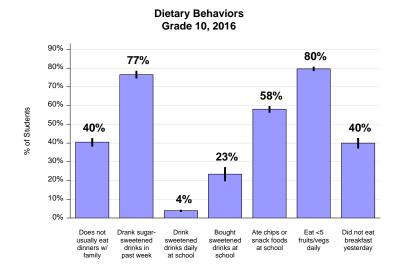
Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

#### Background:

- A nutritious diet can reduce major risk factors for chronic disease such as obesity, high blood pressure, diabetes, and high blood cholesterol.
- · Poor nutrition has the potential to affect the growth, development, health status and academic achievement of children and adolescents.
- Individual food choices are made within the context of the family and the community.
- In order to be able to choose a nutritious diet, an affordable supply of health-promoting foods must be available.

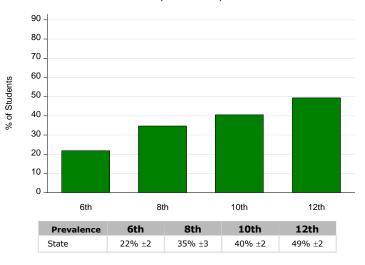
#### For More Information:

· Visit the Washington State Healthy Eating Active Living Program website: www.doh.wa.gov.



In 2016, 40% of 10th graders in our state don't usually eat dinner with their family.

# Does Not Usually Eat Dinners with Family Statewide, All Grades, 2016



# Eats <5 fruits/vegs daily Drink sweetened drinks daily at school 90% 80% 70% 40% 30% 20%

Dietary Behavior Trends, Grade 10

Prevalence	2006	2008	2010	2012	2014	2016
Eats <5 fruits/vegs daily	75% ±2	75% ±2	N/S	76% ±1	78% ±2*	80% ±1
Does not usually eat dinners w/ family	42% ±2	44% ±2	40% ±3	40% ±2	39% ±3	40% ±2
Drink sweetened drinks daily at school	22% ±2	19% ±2*	15% ±2*	13% ±2	4% ±1*	4% ±1
Did not eat breakfast yesterday	N/S	N/S	N/S	N/S	35% ±3	40% ±3*

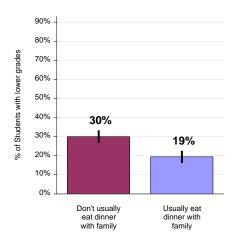
2010

2012

2014

2016

# Statewide Relationship between Lower Grades and Usually Eating Dinner with Family Grade 10, 2016



Statewide, more
10th graders who
do not usually eat
dinner with their
families report
lower grades in
school (C's, D's or
F's) compared to
youth who do.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05



# **Dietary Behaviors for Washington State**

10%

2006

2008

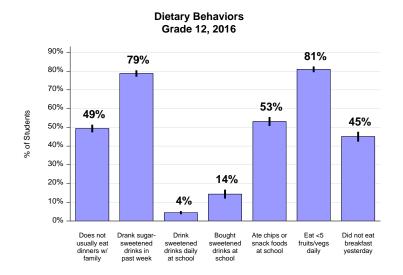
Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

- A nutritious diet can reduce major risk factors for chronic disease such as obesity, high blood pressure, diabetes, and high blood cholesterol.
- · Poor nutrition has the potential to affect the growth, development, health status and academic achievement of children and adolescents.
- Individual food choices are made within the context of the family and the community.
- In order to be able to choose a nutritious diet, an affordable supply of health-promoting foods must be available.

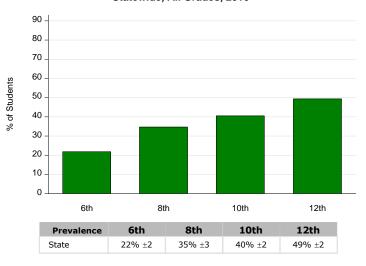
#### For More Information:

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In 2016, 49% of 12th graders in our state don't usually eat dinner with their family.

# Does Not Usually Eat Dinners with Family Statewide, All Grades, 2016



# Eats <5 fruits/vegs daily Drink sweetened drinks daily at school 90% 80% 70% 60% 40% 80% 20%

**Dietary Behavior Trends, Grade 12** 

Prevalence	2006	2008	2010	2012	2014	2016
Eats <5 fruits/vegs daily	78% ±1	78% ±2	N/S	76% ±1	78% ±2	81% ±1*
Does not usually eat dinners w/ family	55% ±3	52% ±3	48% ±3*	47% ±3	47% ±2	49% ±2
Drink sweetened drinks daily at school	22% ±2	18% ±2*	16% ±2	12% ±2*	4% ±1*	4% ±1
Did not eat breakfast yesterday	N/S	N/S	N/S	N/S	41% ±3	45% ±3*

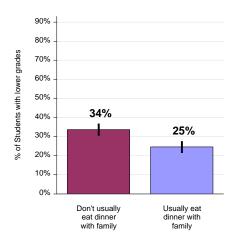
2010

2012

2014

2016

# Statewide Relationship between Lower Grades and Usually Eating Dinner with Family Grade 12, 2016



Statewide, more
12th graders who
do not usually eat
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families report
lower grades in
school (C's, D's or
F's) compared to
youth who do.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05



# **Family Protective Influences for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

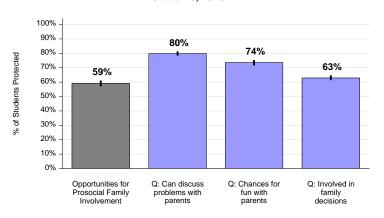
#### Background:

- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students protected," which is defined as the percent of students whose scores were above a protection cutpoint determined by UW researchers. We also report some of the individual questions.
- Protective factors in the family environment are those that encourage positive participation in the family setting, and reward youth for that involvement.

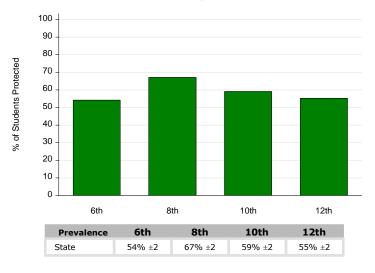
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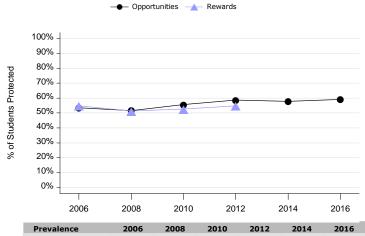
# Protective Factor: Opportunities for Prosocial Family Involvement with Component Questions (Q:) Grade 10, 2016



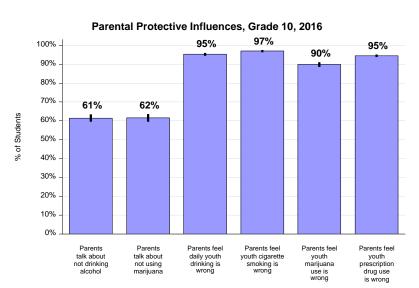
# Protective Factor: Opportunities for Prosocial Family Involvement All Grades, 2016



# Family Protective Factor Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Opportunities	53% ±3	52% ±3	56% ±3	59% ±2	58% ±3	59% ±2
Rewards	55% ±3	51% ±3	53% ±3	55% ±3	N/A	N/A





# **Family Protective Influences for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

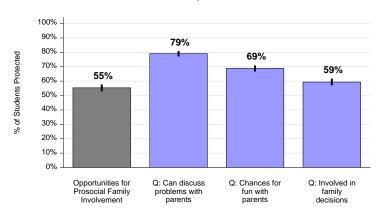
#### Background:

- Researchers at the University of Washington (UW) developed a public health model for the prevention of youth substance abuse. They identified risk factors that predict youth substance use, and protective factors that can protect youth from the effects of those risks. Prevention strategies are designed to lower risk and increase protection.
- Each "factor" in the HYS is measured with two or more questions to include multiple dimensions of the risk or protective factor. The charts and tables below refer to the "percent of students protected," which is defined as the percent of students whose scores were above a protection cutpoint determined by UW researchers. We also report some of the individual questions.
- Protective factors in the family environment are those that encourage positive participation in the family setting, and reward youth for that involvement.

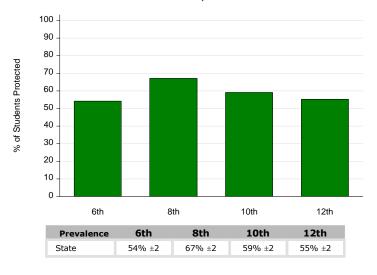
#### For More Information:

- Parents, schools, and communities can work together to keep youth healthy and safe. To learn more about prevention coalitions in your area and how to get involved, go to the Start Talking Now website: www.StartTalkingNow.org.
- For free guides on preventing alcohol and other drug use, visit the ADAI Clearinghouse at www.adaiclearinghouse.org or call (206) 221-8325.
- For prevention tips and other online resources visit www.StartTalkingNow.org and www.drugfree.org.
- For 24 hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.

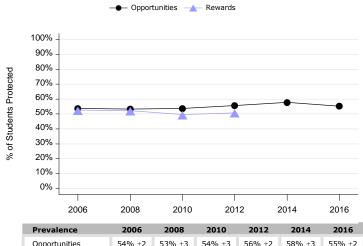
# Protective Factor: Opportunities for Prosocial Family Involvement with Component Questions (Q:) Grade 12, 2016



# Protective Factor: Opportunities for Prosocial Family Involvement All Grades, 2016

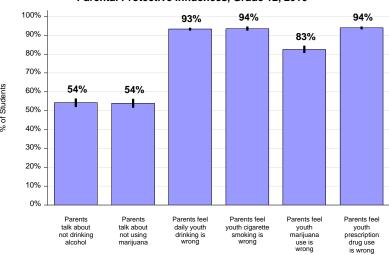


# Family Protective Factor Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Opportunities	54% ±2	53% ±3	54% ±3	56% ±2	58% ±3	55% ±2
Rewards	53% ±3	52% ±3	50% ±2	51% ±3	N/A	N/A

# Parental Protective Influences, Grade 12, 2016





# Weight and Obesity for Washington State

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

- · Poor diet and physical inactivity are risk factors for obesity and overweight among youth.
- Youth who have fewer opportunities for physical activity and increased time spent in sedentary activities such as watching television and using computers are more likely to be overweight.
- Factors that contribute to poor diet among youth include eating fewer meals at home, increased availability and affordability of unhealthy food, and increased food portion sizes.
- To be successful in increasing healthy weight among youth; governments, communities and people need to work together to create environments that support healthy diets and opportunities for physical activity.

# For More Information:

• Visit the Washington State Healthy Eating Active Living Program website: www.doh.wa.gov.

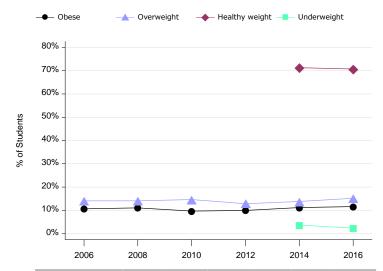
# Weight Distribution Grade 10, 2016 Overweight, 15% Underweight, 2% Healthy weight, 71% \*Note: Prior to 2014, 3 weight categories (obese, overweight, and not overweight (15%) Healthy weight (71%) Underweight (2%) Underweight (2%)



#### Statewide, All Grades, 2016 80 70 60 % of Students 50 40 30 20 10 0 6th 12th 8th 10th 6th 8th 10th 12th State 27% ±3 27% ±2 30% ±3

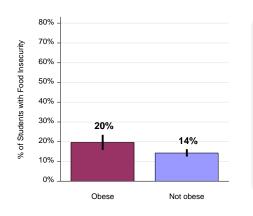
Obese or Overweight

# Weight Distribution Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Obese	11% ±1	11% ±2	10% ±2	10% ±2	11% ±2	12% ±2
Overweight	14% ±2	14% ±1	15% ±2	13% ±1	14% ±2	15% ±1
Healthy weight	N/S	N/S	N/S	N/S	71% ±3	71% ±2
Underweight	N/S	N/S	N/S	N/S	4% ±1	2% ±1*

# Statewide Relationship between Food Insecurity and Obesity Grade 10, 2016



Statewide, more 10th graders who are obese report experiencing food insecurity compared to other youth.



# Weight and Obesity for Washington State

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

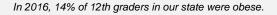
# Background:

- · Poor diet and physical inactivity are risk factors for obesity and overweight among youth.
- Youth who have fewer opportunities for physical activity and increased time spent in sedentary activities such as watching television and using computers are more likely to be overweight.
- Factors that contribute to poor diet among youth include eating fewer meals at home, increased availability and affordability of unhealthy food, and increased food portion sizes.
- To be successful in increasing healthy weight among youth; governments, communities and people need to work together to create environments that support healthy diets and opportunities for physical activity.

# For More Information:

• Visit the Washington State Healthy Eating Active Living Program website: www.doh.wa.gov.

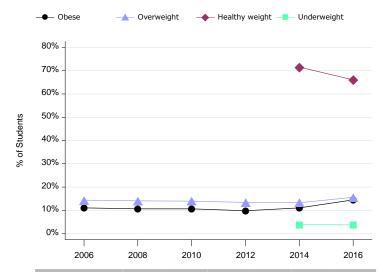
# Weight Distribution Grade 12, 2016 Overweight, 16% Underweight, 4% Underweight, 4% Obese(14%) Overweight(16%) Overweight(16%) Healthy weight (66%) Underweight (4%) \*Note: Prior to 2014, 3 weight categories (obese, overweight, and not overweight) were used. From 2014, these 4 weight categories (obese, overweight), the althy weight, underweight) will be used.



#### Statewide, All Grades, 2016 80 70 60 % of Students 50 40 30 20 10 0 6th 12th 8th 10th 6th 8th 10th 12th State 27% ±3 27% ±2 30% ±3

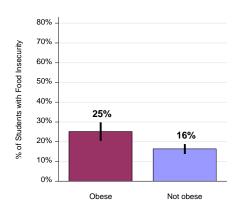
Obese or Overweight

# Weight Distribution Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Obese	11% ±2	11% ±1	11% ±1	10% ±1	11% ±2	14% ±2*
Overweight	14% ±2	14% ±1	14% ±2	13% ±1	13% ±1	16% ±1*
Healthy weight	N/S	N/S	N/S	N/S	72% ±3	66% ±3*
Underweight	N/S	N/S	N/S	N/S	4% ±1	4% ±1

# Statewide Relationship between Food Insecurity and Obesity Grade 12, 2016



Statewide, more 12th graders who are obese report experiencing food insecurity compared to other youth.



# Depressive Feelings, Anxiety and Suicide for Washington State

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

#### Background:

- Suicide is the second leading cause of death for Washington teens 15-19 years old.
- · Most youth suicides occur at home.
- Depression is a feeling of sadness, helplessness and hopelessness that lingers over time. Untreated it can lead to alcohol abuse and even suicide.
- · Depression and anxiety are treatable mental health conditions. Professional care can help a vast majority of people.

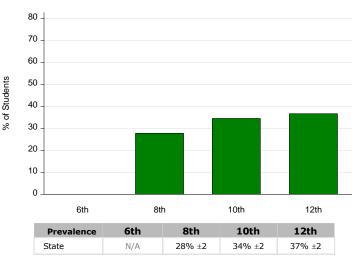
#### For More Information:

- Visit the Washington State Youth Suicide Prevention Program Website: www.doh.wa.gov/YouandYourFamily/InjuryandViolencePrevention/SuicidePrevention/YouthSuicide.
- The OSPI suicide prevention page: www.k12.wa.us/safetycenter/YouthSuicide/SuicidePrevention.aspx.
- National Suicide Prevention Hotline 1-800-273-TALK(8255) or www.suicidepreventionlifeline.org.
- Care Crisis Response Services: 800-584-3578 (tele-interpreter available).

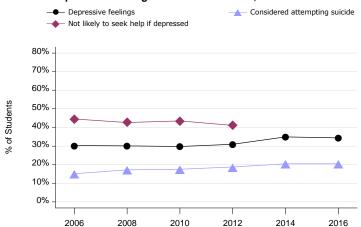
#### **Depressive Feelings and Suicide** Grade 10, 2016 80% 65% 70% 60% 53% % of Students 50% 34% 40% 30% 21% 17% 15% 20% 10% 10% Made a Attempted attempting to turn to or control worrying suicide when sad o

In 2016, 34% of 10th graders in our state felt so sad or hopeless for 2 weeks or more that they stopped doing their usual activities.

# Depressive Feelings Statewide, All Grades, 2016

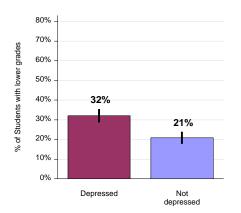


# Depressive Feelings and Suicide Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Depressive feelings	30% ±1	30% ±2	30% ±1	31% ±1	35% ±2*	34% ±2
Considered attempting suicide	15% ±1	17% ±1*	18% ±1	19% ±1	20% ±1	21% ±1
Not likely to seek help if depressed	44% ±2	43% ±2	43% ±3	41% ±2	N/S	N/S

# Statewide Relationship between Lower Grades and Depressive Feelings Grade 10, 2016



Statewide, more
10th graders who
have depressive
feelings report
lower grades in
school (C's, D's or
F's) compared to
youth who are not
having depressive
feelings.



# Depressive Feelings, Anxiety and Suicide for Washington State

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

#### Background:

- Suicide is the second leading cause of death for Washington teens 15-19 years old.
- · Most youth suicides occur at home.
- Depression is a feeling of sadness, helplessness and hopelessness that lingers over time. Untreated it can lead to alcohol abuse and even suicide.
- Depression and anxiety are treatable mental health conditions. Professional care can help a vast majority of people.

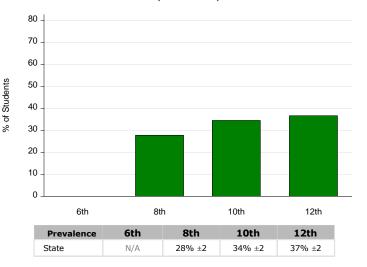
#### For More Information

- Visit the Washington State Youth Suicide Prevention Program Website: www.doh.wa.gov/YouandYourFamily/InjuryandViolencePrevention/SuicidePrevention/YouthSuicide.
- The OSPI suicide prevention page: www.k12.wa.us/safetycenter/YouthSuicide/SuicidePrevention.aspx.
- National Suicide Prevention Hotline 1-800-273-TALK(8255) or www.suicidepreventionlifeline.org.
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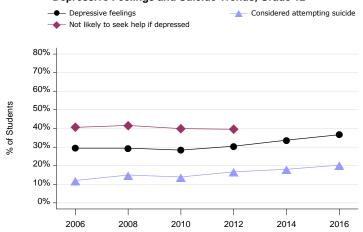
#### **Depressive Feelings and Suicide** Grade 12, 2016 80% 67% 70% 57% 60% % of Students 50% 37% 40% 30% 20% 16% 20% 13% 9% 10% Made a Attempted attempting to turn to or control worrying suicide when sad o

In 2016, 37% of 12th graders in our state felt so sad or hopeless for 2 weeks or more that they stopped doing their usual activities.

# Depressive Feelings Statewide, All Grades, 2016

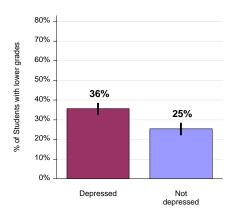


# Depressive Feelings and Suicide Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Depressive feelings	29% ±1	29% ±2	28% ±1	30% ±2	34% ±2*	37% ±2*
Considered attempting suicide	12% ±1	15% ±1*	14% ±1	17% ±1*	18% ±1	20% ±1*
Not likely to seek help if depressed	41% ±2	42% ±3	40% ±3	40% ±2	N/S	N/S

# Statewide Relationship between Lower Grades and Depressive Feelings Grade 12, 2016



Statewide, more
12th graders who
have depressive
feelings report
lower grades in
school (C's, D's or
F's) compared to
youth who are not
having depressive
feelings.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05



# **Oral Health for Washington State**

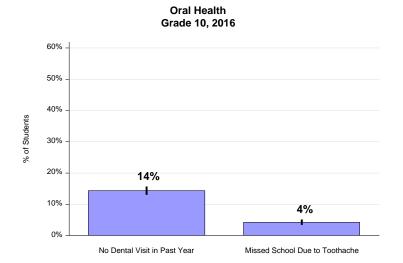
Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

# Background:

- Dental decay affects 53% of Third Graders in Washington.
- The bacteria that causes tooth decay is a chronic condition that typically lasts into adulthood with greater costs and consequences for health and well-being.
- · Dental disease is linked to broader health problems, including cardiovascular disease, stroke and diabetes mellitus.
- In the U.S., over 51 million school hours are missed each year by children due to dental related illness.

#### For More Information:

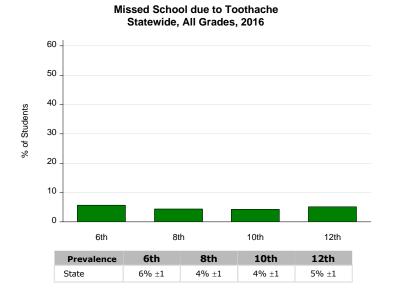
• Visit the Washington State Oral Health Program Website at: www.doh.wa.gov.



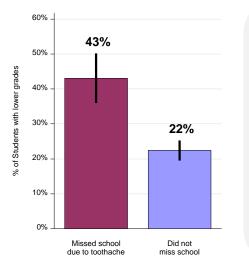
In 2016, 1% of 10th graders in our state reported that they had never been to a dentist.

#### Grade 10 No dental visit in past year Missed school due to toothache 60% 50% 40% % of Students 30% 20% 10% 0% 2006 2008 2010 2012 2014 2016 2006 2008 2010 2012 2014 2016 No dental visit in 23% +3 22% +2 17% +2\* 16% +2 16% +2 14% +1 past year Missed school due to N/S N/S 6% ±1 N/A 5% ±1 4% ±1 toothache

**Oral Health Trends** 



# Statewide Relationship between Lower Grades and Missed School due to Toothache Grade 10, 2016



Statewide, more 10th graders who miss school due to toothache in the past year report lower grades in school (C's, D's or F's) compared to those who didn't miss school.



# **Oral Health for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

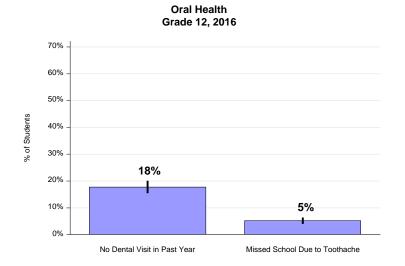
- Dental decay affects 53% of Third Graders in Washington.
- The bacteria that causes tooth decay is a chronic condition that typically lasts into adulthood with greater costs and consequences for health and well-being.
- Dental disease is linked to broader health problems, including cardiovascular disease, stroke and diabetes mellitus.
- In the U.S., over 51 million school hours are missed each year by children due to dental related illness.

#### For More Information:

70

% of Students

• Visit the Washington State Oral Health Program Website at: www.doh.wa.gov.



In 2016, 1% of 12th graders in our state reported that they had never been to a dentist.

Missed School due to Toothache

Statewide, All Grades, 2016

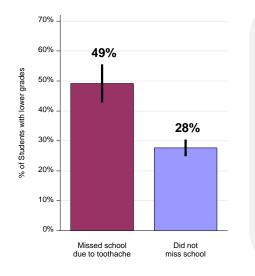
#### Grade 12 No dental visit in past year Missed school due to toothache 70% 50% % of Students 40% 30% 20% 10% 0% 2006 2008 2010 2012 2014 2016 2006 2008 2010 2012 2014 2016 No dental visit in 26% +2 25% +2 22% +2\* 20% +2 21% +2 18% +2 past year Missed school due to N/S N/S 6% ±1 N/A 5% ±1 5% ±1 toothache

**Oral Health Trends** 

# 60 - 50 - 40 - 30 - 20 - 10 - -

6th	8t	h	10th	12th
Prevalence	6th	8th	10th	12th
State	6% ±1	4% ±1	4% ±1	5% ±1

# Statewide Relationship between Lower Grades and Missed School due to Toothache Grade 12, 2016



Statewide, more
12th graders who
miss school due to
toothache in the
past year report
lower grades in
school (C's, D's or
F's) compared to
those who didn't
miss school.



# **Physical Activity for Washington State**

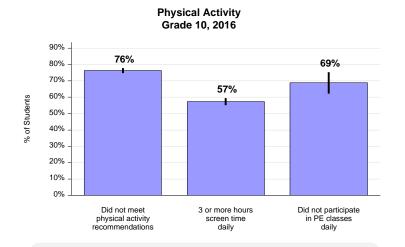
Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

#### **Background:**

- Regular physical activity reduces rates of obesity and serious diseases, helps people maintain a healthy body weight and improves quality of life.
- The Centers for Disease Control and Prevention recommends that children and adolescents participate in at least 60 minutes of physical activity daily, and muscle strengthening 3 days a week.
- One challenge to being more physically active is the amount of recreational screen time spent on sedentary activities such as watching TV, playing video games, using a computer for fun, or cell phone usage.
- Many social and environmental factors influence the decision to be active. Successful strategies to promote physical activity include educating individuals
  and developing policies in schools and communities to create environments that support being physically active.

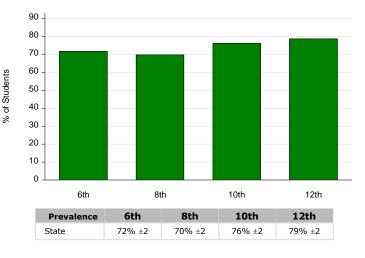
#### For More Information:

- Visit the Washington State Healthy Eating Active Living Program website: www.doh.wa.gov.
- · Visit the National Physical Activity Plan: www.physicalactivityplan.org.
- Visit CDC Physical activity guidelines: www.cdc.gov/physicalactivity/everyone/guidelines/children.html.
- Note: DOH advocates using the CDC recommendations of 'at least 60 minutes of physical activity daily.'

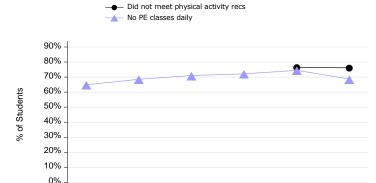


In 2016, 76% of 10th graders in our state did not meet the recommendations for 60 minutes of physical activity 7 days a week.

# Did Not Meet Recommendations for Physical Activity Statewide, All Grades, 2016



# Physical Activity Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Did not meet physical activity recs	N/S	N/S	N/S	N/S	76% ±2	76% ±2
Did not participate in PE classes daily	65% ±7	68% ±7	71% ±6	72% ±6	74% ±7	69% ±7

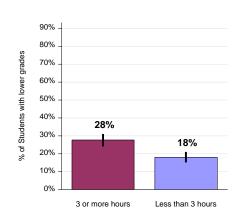
2012

2014

2016

2010

# Statewide Relationship between Lower Grades and 3 or More Hours of Screen Time Daily Grade 10, 2016



2006

2008

Statewide, more 10th graders who spend 3 or more hours of screen time daily report lower grades in school (C's, D's or F's) compared to youth who spend less than 3 hours.



# **Physical Activity for Washington State**

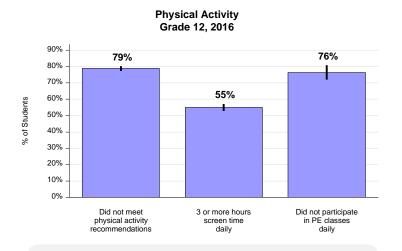
Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

#### Background:

- Regular physical activity reduces rates of obesity and serious diseases, helps people maintain a healthy body weight and improves quality of life.
- The Centers for Disease Control and Prevention recommends that children and adolescents participate in at least 60 minutes of physical activity daily, and muscle strengthening 3 days a week.
- One challenge to being more physically active is the amount of recreational screen time spent on sedentary activities such as watching TV, playing video games, using a computer for fun, or cell phone usage.
- Many social and environmental factors influence the decision to be active. Successful strategies to promote physical activity include educating individuals
  and developing policies in schools and communities to create environments that support being physically active.

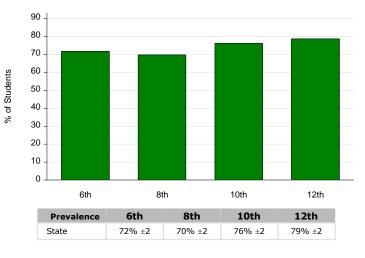
#### For More Information:

- Visit the Washington State Healthy Eating Active Living Program website: www.doh.wa.gov.
- · Visit the National Physical Activity Plan: www.physicalactivityplan.org.
- Visit CDC Physical activity guidelines: www.cdc.gov/physicalactivity/everyone/guidelines/children.html.
- Note: DOH advocates using the CDC recommendations of 'at least 60 minutes of physical activity daily.'

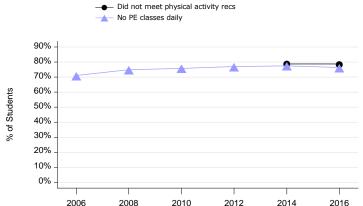


In 2016, 79% of 12th graders in our state did not meet the recommendations for 60 minutes of physical activity 7 days a week.

# Did Not Meet Recommendations for Physical Activity Statewide, All Grades, 2016

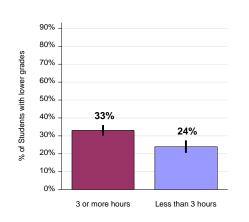


# Physical Activity Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Did not meet physical activity recs	N/S	N/S	N/S	N/S	79% ±2	79% ±2
Did not participate in PE classes daily	71% ±6	75% ±5	76% ±6	77% ±5	78% ±5	76% ±4

# Statewide Relationship between Lower Grades and 3 or More Hours of Screen Time Daily Grade 12, 2016



Statewide, more 12th graders who spend 3 or more hours of screen time daily report lower grades in school (C's, D's or F's) compared to youth who spend less than 3 hours.



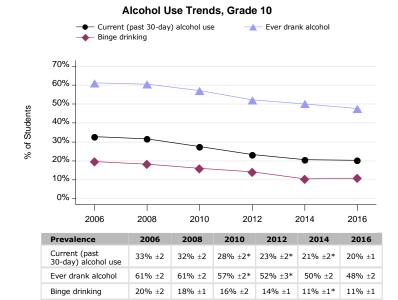
# Alcohol Use for Washington State, page 1 of 2

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

#### Background:

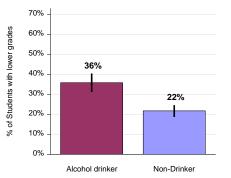
- 5,000 people under the age of 21 die each year from alcohol-related car crashes, homicides, suicides, poisoning, falls, drownings and other injuries.
- · Youth alcohol use is associated with violence, school failure, and sexual activity.
- Research shows that heavy alcohol use during teen years can permanently damage the still-developing brain.

#### Current (past 30 days) Alcohol Use Statewide, All Grades, 2016 70 60 50 % of Students 40 30 20 10 0 6th 8th 10th 12th Prevalence 6th 8th 10th 12th State 2% ±0 8% ±1 20% ±1 32% ±2



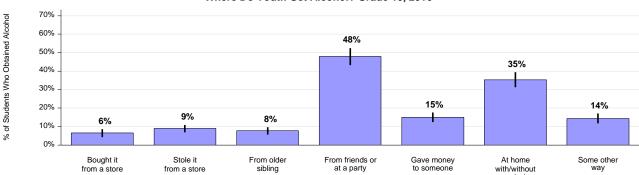
# None: no drinking in the past 30 days (78%) Experimental: 1-2 days drinking, and/or one binge (6%) Heavy: 3-5 days drinking, and/or one binge (6%) Problem: 6+ days drinking, and/or 2+ binges (7%)

# Statewide Relationship between Lower Grades and Current (past 30-day) Alcohol Use Grade 10, 2016



Statewide, more
10th graders who
drink alcohol
report lower
grades in school
(C's, D's or F's)
compared to those
who don't drink.

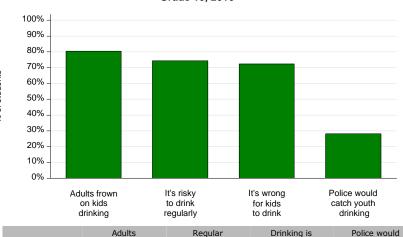
# Where Do Youth Get Alcohol? Grade 10, 2016





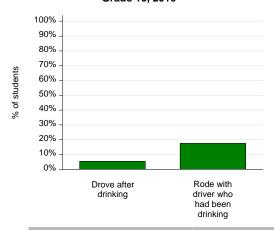
# Alcohol Use for Washington State, page 2 of 2

# Youth Perceptions about Alcohol Grade 10, 2016



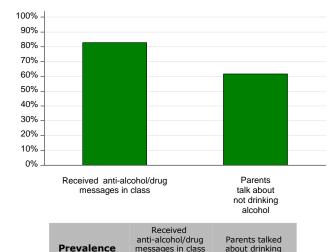
Prevalence	Adults	Regular	Drinking is	Police would
	frown on	drinking is	wrong for	catch youth
	drinking	risky	kids	drinking
State	80% ±2	74% ±2	72% ±2	28% ±2

# **Drinking and Driving/Riding** Grade 10, 2016



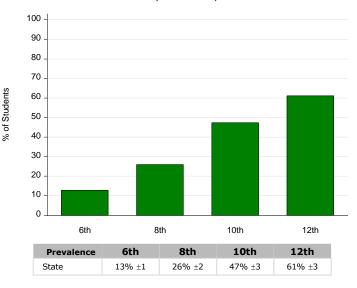
Prevalence	Drove after drinking	Rode with driver who had been drinking
State	5% ±1	17% ±2

# **Received Anti-Alcohol Messages** Grade 10, 2016





# Youth Perception that Alcohol is Easy to Get Statewide, All Grades, 2016



#### For More Information:

- Parents, schools, and communities can work together to keep youth healthy and safe. For prevention tips and to connect with a prevention coalition in your area, visit www.StartTalkingNow.org.
- For free printed guides on preventing alcohol and other drug use, visit the ADAI Clearinghouse www.adaiclearinghouse.org or call (206) 221-8325.
- For 24 hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.



Year: 2016

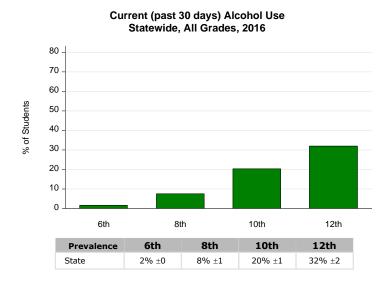
Grade: 12

Gender: Both

Number of Students Surveyed: 7.590

#### Background:

- 5,000 people under the age of 21 die each year from alcohol-related car crashes, homicides, suicides, poisoning, falls, drownings and other injuries.
- · Youth alcohol use is associated with violence, school failure, and sexual activity.
- Research shows that heavy alcohol use during teen years can permanently damage the still-developing brain.

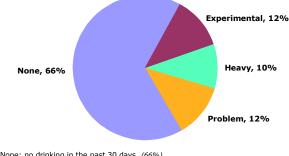


# Alcohol Use Trends, Grade 12 Current (past 30-day) alcohol use Ever drank alcohol Binge drinking 80% 70% 60% % of Students 50% 40% 20% 10% 0% 2006 2008 2010 2012 2014 2016

Prevalence	2006	2008	2010	2012	2014	2016
Current (past 30-day) alcohol use	42% ±2	41% ±3	40% ±2	36% ±2*	33% ±3*	32% ±2
Ever drank alcohol	72% ±2	72% ±2	71% ±2	68% ±2	66% ±2	64% ±2
Binge drinking	26% ±2	26% ±2	25% ±2	22% ±2*	19% ±2*	18% ±2

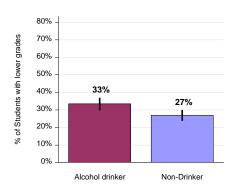
# Grade 12, 2016

Level of Alcohol Use



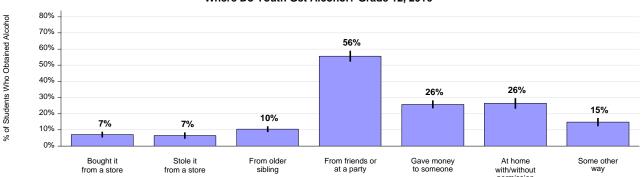
None: no drinking in the past 30 days (66%)
Experimental: 1-2 days drinking, and no binge drinking (12%)
Heavy: 3-5 days drinking, and/or one binge (10%)
Problem: 6+ days drinking, and/or 2+ binges (12%)

# Statewide Relationship between Lower Grades and Current (past 30-day) Alcohol Use Grade 12, 2016



Statewide, more 12th graders who drink alcohol report lower grades in school (C's, D's or F's) compared to those who don't drink.

# Where Do Youth Get Alcohol? Grade 12, 2016



The percentages in this chart are based on all students who reported getting alcohol in the past 30 days, regardless whether they reported drinking in the past 30 days. Students could select multiple sources.



drinking

# **Healthy Youth Survey Fact Sheet**

# Alcohol Use for Washington State, page 2 of 2

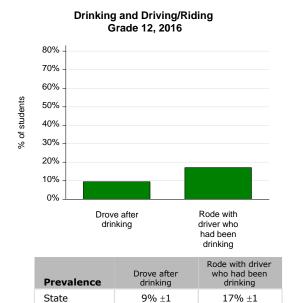
# Youth Perceptions about Alcohol Grade 12, 2016 80% 70% 60% 50% 40% 30% 20% 10% 0% Adults frown It's risky It's wrong Police would on kids to drink for kids catch youth

Prevalence	Adults	Regular	Drinking is	Police would
	frown on	drinking is	wrong for	catch youth
	drinking	risky	kids	drinking
State	70% ±2	71% ±2	58% ±2	21% ±2

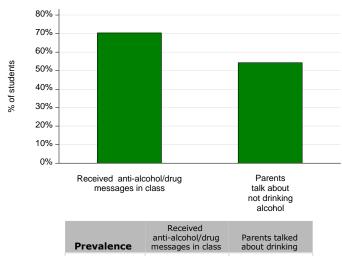
regularly

to drink

drinking

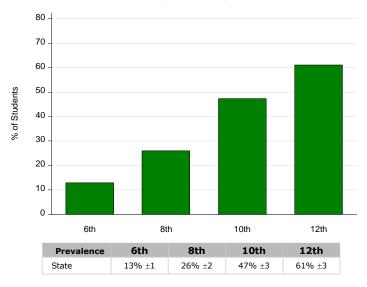


# **Received Anti-Alcohol Messages** Grade 12, 2016



# State 54% ±2 70% ±2

# Youth Perception that Alcohol is Easy to Get Statewide, All Grades, 2016



# For More Information:

- Parents, schools, and communities can work together to keep youth healthy and safe. For prevention tips and to connect with a prevention coalition in your area, visit www.StartTalkingNow.org.
- For free printed guides on preventing alcohol and other drug use, visit the ADAI Clearinghouse www.adaiclearinghouse.org or call (206) 221-8325.
- For 24 hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.



Year: 2016

Grade: 10

Gender: Both

Number of Students Surveyed: 10.835

# Background:

% of Students

- · Parents are the primary influence on their children's decision to use alcohol, tobacco, and other drugs.
- The developing brain is more vulnerable to the effects of alcohol and other drugs. Brain development continues into the mid-20s.

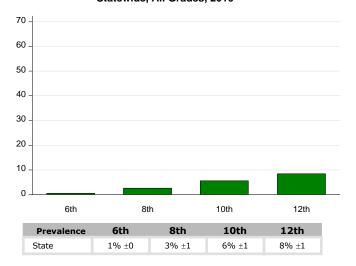
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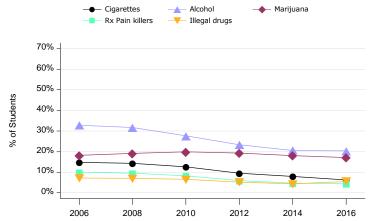
#### Current (past 30-day) Substance Use Grade 10, 2016 70% 60% 50% % of Students 40% 30% 20% 17% 20% 8% 6% 6% 10% 4% 0% Cigarettes Alcohol Marijuana Rx Pain Prescription All other killers to illegal drug use\*\*

Most youth don't use alcohol or other substances.

# Current (past 30-day) All Other Illegal Drug Use\*\* Statewide, All Grades, 2016

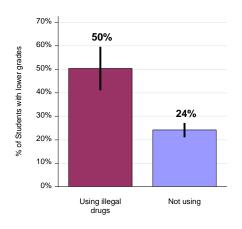


# Current (past 30-day) Substance Use Trends, Grade 10



Prevalence	2006	2008	2010	2012	2014	2016
Cigarettes	15% ±1	14% ±2	13% ±2	10% ±1*	8% ±1	6% ±1*
Alcohol	33% ±2	32% ±2	28% ±2*	23% ±2*	21% ±2*	20% ±1
Marijuana	18% ±1	19% ±1	20% ±2	19% ±2	18% ±2	17% ±2
Rx Pain killers to get high	10% ±1	9% ±1	8% ±1	6% ±1*	5% ±1*	4% ±1
All other illegal drug use**	7% ±1	7% ±1	7% ±1	5% ±1*	4% ±1	6% ±1*

# Statewide Relationship between Lower Grades and Current (past 30-day) All Other Illegal Drug Use\*\* Grade 10, 2016



Statewide, more 10th graders who use illegal drugs (not including alcohol, tobacco or marijuana) report lower grades in school (C's, D's or F's) compared to those who don't use.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05

<sup>\*\*</sup>All other illegal drug use includes prescription drugs not prescribed, Rx pain killers to get high, and all other illegal drugs; but does not include alcohol, tobacco or marijuana.



# **Substance Use for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

# Background:

- Parents are the primary influence on their children's decision to use alcohol, tobacco, and other drugs.
- The developing brain is more vulnerable to the effects of alcohol and other drugs. Brain development continues into the mid-20s.

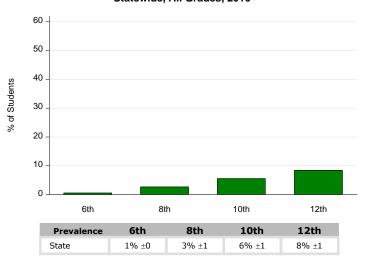
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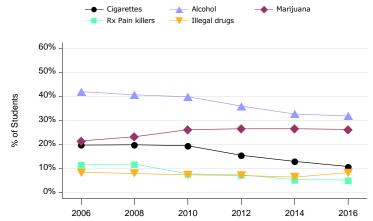
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Most youth don't use alcohol or other substances.

# Current (past 30-day) All Other Illegal Drug Use\*\* Statewide, All Grades, 2016

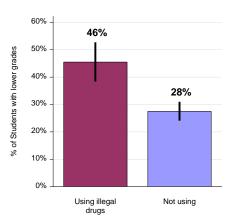


# Current (past 30-day) Substance Use Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Cigarettes	20% ±2	20% ±3	20% ±3	16% ±2*	13% ±2*	11% ±2
Alcohol	42% ±2	41% ±3	40% ±2	36% ±2*	33% ±3*	32% ±2
Marijuana	22% ±2	23% ±2	26% ±2	27% ±1	27% ±2	26% ±2
Rx Pain killers to get high	12% ±2	12% ±2	8% ±1*	7% ±1	6% ±1*	5% ±1
All other illegal drug use**	9% ±1	8% ±1	8% ±1	7% ±1	7% ±1	8% ±1*

# Statewide Relationship between Lower Grades and Current (past 30-day) All Other Illegal Drug Use\*\* Grade 12, 2016



Statewide, more 12th graders who use illegal drugs (not including alcohol, tobacco or marijuana) report lower grades in school (C's, D's or F's) compared to those who don't use.

<sup>\*\*</sup>All other illegal drug use includes prescription drugs not prescribed, Rx pain killers to get high, and all other illegal drugs; but does not include alcohol, tobacco or marijuana.



# **Sexual Behavior and Orientation for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

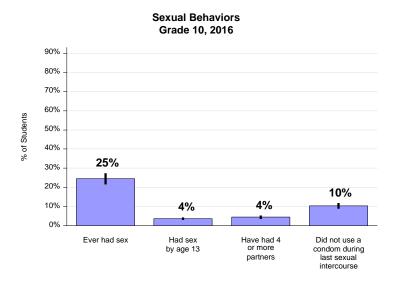
### Background:

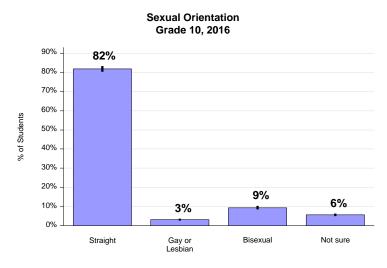
- Sexual health education is optional. Districts that choose to offer sexual health education must ensure it follows requirements of the Healthy Youth Act, Guidelines for Sexual Health and Disease Prevention, and Common School Provisionwww.k12.wa.us/HIVSexualhealth/FAQ.aspx.
- Washington Health Education K-12 Learning Standards provide guidance to districts, schools and teachers with grade-level outcomes related to sexual health education: www.k12.wa.us/HealthFitness/Standards.aspx.
- Evidence-based programs can significantly delay first intercourse, decrease sexual risk taking, and increase condom and contraceptive use: recapp.etr.org/recapp/documents/programs/SexHIVedProgs.pdf.

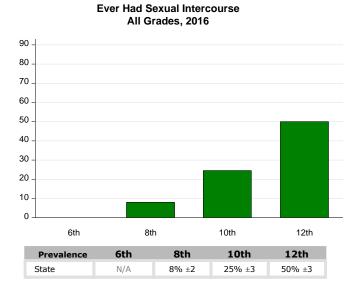
### For More Information:

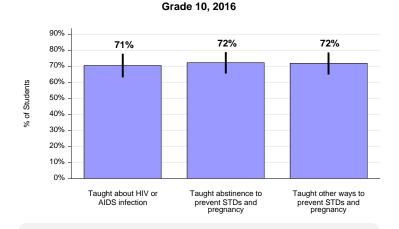
• Contact Sexual Health Education, Office of Superintendent of Public Instruction: www.k12.wa.us/HIVSexualhealth.

Questions about sexual behavior and teaching STD and pregnancy prevention were included at the discretion of each school district. Therefore, local results may be missing or may not reflect a representative sample of all students in the community. In order to improve the quality and usefulness of data, it is recommended that all schools include these questions when administering the Healthy Youth Survey.









HIV/AIDS, STDs and Pregnancy Prevention Taught in School

In 2016, students who report ever having had sexual intercourse also report higher rates of being depressed and higher rates of alcohol use.



# **Sexual Behavior and Orientation for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

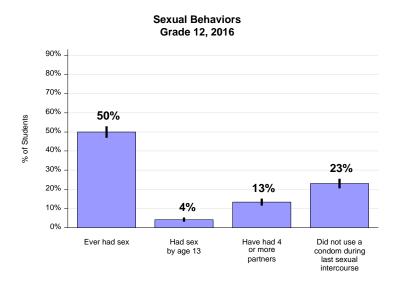
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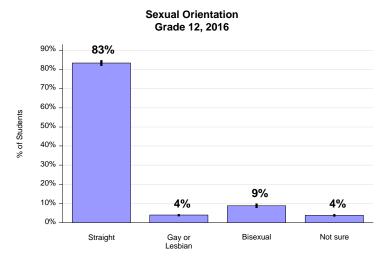
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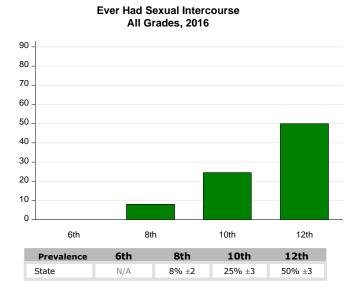
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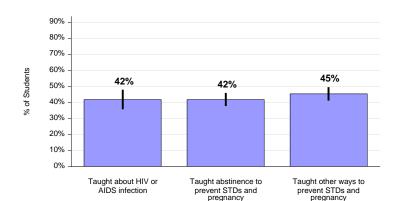
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HIV/AIDS, STDs and Pregnancy Prevention Taught in School

Grade 12, 2016

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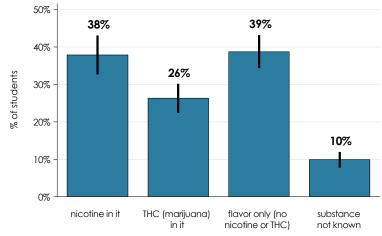
### **BACKGROUND**

- The emergence of electronic cigarette and vapor products has raised serious concern. Nicotine use at a young age may cause lasting harm to brain development, promote addiction, and lead to sustained tobacco use
- Electronic cigarette and vapor product use is on the rise among youth, nationally
- About half of middle school and high school students in the U.S. who used tobacco products in 2015 were current users of two or more types of tobacco products, including e-cigarettes and vapor products [II]
- Preventing youth initiation of tobacco use is a key strategy for stemming the tide of tobacco-related mortality, morbidity and economic costs
- In 2016, Washington State recently passed a Vapor Products bill establishing important youth protections to reduce illegal youth access to vapor products. This law applies to any vapor product whether or not it contains nicotine [iii]
- The Food and Drug Administration (FDA) recently extended its authority to cover e-cigarettes, dissolvables, pipe tobacco, hookah tobacco, and cigars as tobacco products. This rule applies to products that contain nicotine [iv]
  - i. Centers for Disease Control and Prevention. (2016, June). Vital Signs. Retrieved from Smoking & Tobacco Use: http://www.cdc.gov/tobacco/data\_statistics/vital\_signs/index.htm Washington
    - State Department of Health. (2015). Tobacco Facts
  - ii. Washington State 2015 Update. Tumwater: Washington State Department of Health
  - iii. An act relating to youth vapor product substance use prevention, and vapor product regulation, without permitting a tax on the sale or production of vapor products. ESSB 6328. (2016) Retrieved from http://apps.leg.wa.gov/billinfo/summary.aspx?bill=6328
  - iv. Food and Drug Administration. (2016, May 16). Tobacco Products. Retrieved from FDA: http://www.fda.gov/TobaccoProducts/Labeling/ucm388395.htm

### **MORE INFORMATION...**

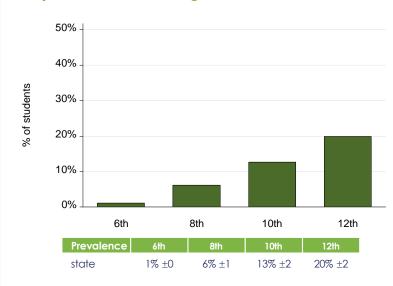
- Through key partnerships, the Tobacco Prevention and Control Program addresses youth access to tobacco and the growth in the use of electronic cigarettes and vapor products in Washington State. Find out more, here:
  - www.doh.wa.gov/YouandYourFamily/Tobacco
- For 24-hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit <a href="www.warecoveryhelpline.org">www.warecoveryhelpline.org</a>
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# Substance used\* in electronic cigarettes among current (30-day) electronic cigarette users, Grade 10, 2016



\*Students can select more than one type of substance

# Current (past 30-day) electronic cigarette use compared to the state, all grades



# Electronic Cigarette & Vapor Product Use



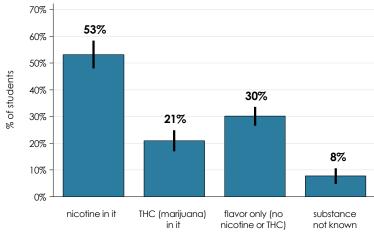
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### **MORE INFORMATION...**

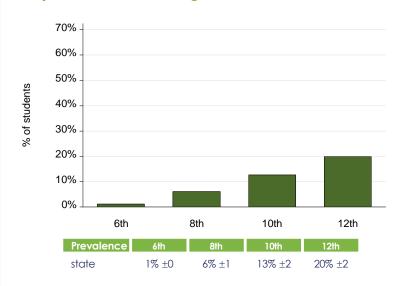
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# Substance used\* in electronic cigarettes among current (30-day) electronic cigarette users, Grade 12, 2016



<sup>\*</sup>Students can select more than one type of substance

# Current (past 30-day) electronic cigarette use compared to the state, all grades



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## **Tobacco Use for Washington State**

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

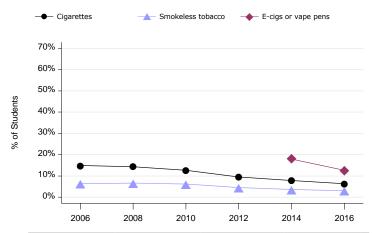
### Background:

- In Washington State, about 40 youth start smoking cigarettes each day.
- About 104,000 youth alive in Washington now will ultimately die prematurely from smoking.
- Smoking is associated with drug use and low academic performance.

### For More Information:

- The Washington State Department of Health funds a tobacco prevention and control program to keep youth from beginning to use tobacco, to help people quit using tobacco, and to reduce exposure to secondhand smoke. Visit www.doh.wa.gov/YouandYourFamily/Tobacco.
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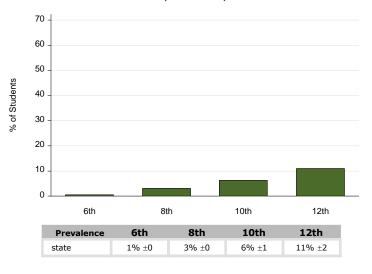
### Current (past 30-day) Tobacco Use Grade 10, 2016 70% 60% 50% % of Students 40% 20% 13% 6% 10% 5% 3% 0% Cigarettes Hookah Cigars Smokeless E-cigs or



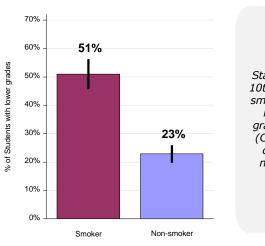
Current (past 30-day) Tobacco Use Trends, Grade 10

Prevalence	2006	2008	2010	2012	2014	2016
Cigarettes	15% ±1	14% ±2	13% ±2	10% ±1*	8% ±1	6% ±1*
Smokeless tobacco	6% ±1	7% ±1	6% ±1	5% ±1*	4% ±1	3% ±1
E-cigs or vape pens	N/S	N/S	N/S	N/S	18% ±2	13% ±2*

### Current (past 30-day) Cigarette Smoking Statewide, All Grades, 2016



### Statewide Relationship between Lower Grades and Current (past 30-day) Cigarette Smoking Grade 10, 2016



Statewide, more 10th graders who smoke cigarettes report lower grades in school (C's, D's or F's) compared to non-smokers.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05

Washington HYS results generated at AskHYS.net on 03-31-2017



# **Tobacco Use for Washington State**

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

### Background:

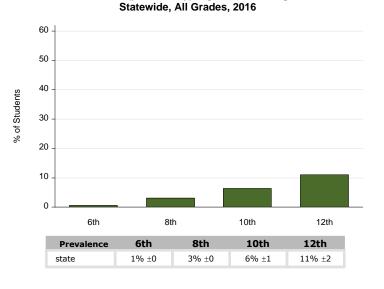
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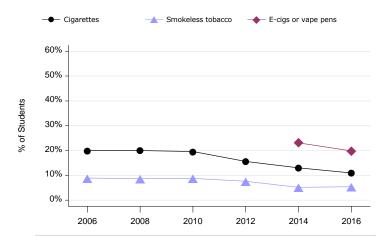
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### Current (past 30-day) Tobacco Use Grade 12, 2016 60% 50% 40% % of Students 30% 20% 20% 11% 9% 7% 10% 6% 0% Hookah E-cigs or Cigarettes Cigars Smokeless

# Current (past 30-day) Cigarette Smoking

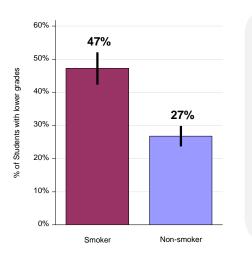


### Current (past 30-day) Tobacco Use Trends, Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Cigarettes	20% ±2	20% ±3	20% ±3	16% ±2*	13% ±2*	11% ±2
Smokeless tobacco	9% ±2	9% ±1	9% ±2	8% ±1	5% ±1*	6% ±1
E-cigs or vape pens	N/S	N/S	N/S	N/S	23% ±2	20% ±2*

### Statewide Relationship between Lower Grades and Current (past 30-day) Cigarette Smoking Grade 12, 2016



Statewide, more 12th graders who smoke cigarettes report lower grades in school (C's, D's or F's) compared to non-smokers.

Prevalence is displayed with 95% confidence intervals (as  $\pm$  or black bar |) \*indicates a significant change from the previous year, p<0.05

Washington HYS results generated at AskHYS.net on 03-31-2017

**Tobacco & Vapor Product Use** 



### **BACKGROUND**

- Tobacco use remains the leading cause of preventable death in Washington
- Youth and young adults under age 18 are far more likely to start tobacco use than adults: 4 out of 5 smokers started during adolescence
- 104,000 Washington youth alive today will ultimately die prematurely from smoking
- Electronic cigarettes and vapor products use is on the rise among youth and recent studies have indicated that youth who use electronic cigarettes/vapor products are at increased risk of cigarette smoking
- Preventing youth from starting initiation of tobacco use is the most effective way to stem the tide of population-wide tobacco addiction and population-level tobacco-related mortality, morbidity and economic costs

### **MORE INFORMATION...**

- Through key parnerships, the Tobacco Prevention and Control Program addresses youth access to tobacco and the growth in the use of electronic cigarettes and vapor products in Washington State. Find out more, here: www.doh.wa.gov/YouandYourFamily/ Tobacco
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- For resources to quit tobacco, go to www.doh.wa.gov/YouandYourFamily/Tobacco/ HowtoQuit

### Current (past 30-day) tobacco use trends, grade 10



# Statewide prevalence of past 30 day e-cigarette, cigarette and use of both among youth by grade



**Tobacco & Vapor Product Use** 



### **BACKGROUND**

- Tobacco use remains the leading cause of preventable death in Washington
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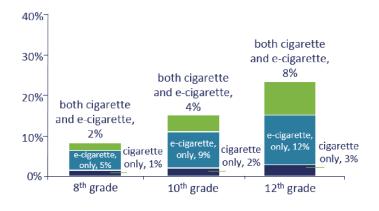
### **MORE INFORMATION...**

- Through key parnerships, the Tobacco Prevention and Control Program addresses youth access to tobacco and the growth in the use of electronic cigarettes and vapor products in Washington State. Find out more, here: www.doh.wa.gov/YouandYourFamily/ Tobacco
- For 24-hour help for mental health, substance abuse and problem gambling, call 1-866-789-1511 or visit
   www.warecoveryhelpline.org
- For resources to quit tobacco, go to www.doh.wa.gov/YouandYourFamily/Tobacco/ HowtoQuit

### Current (past 30-day) tobacco use trends, grade 12



# Statewide prevalence of past 30 day e-cigarette, cigarette and use of both among youth by grade



### missing codes



## Marijuana Use for Washington State, page 1 of 2

Year: 2016 Grade: 10 Gender: Both Number of Students Surveyed: 10,835

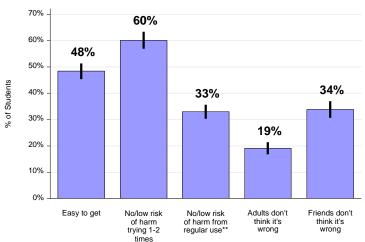
### Background:

- Marijuana is addictive. Most teens who enter drug treatment programs report marijuana is the primary drug they use.
- If teens use marijuana, anxiety and depression can get worse. Marijuana use is associated with risk of anxiety and depression.
- · Teens who use marijuana can have problems with learning and memory and are more likely to fail in school.

### For More Information:

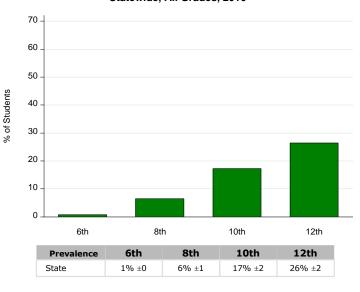
- Parents, schools, and communities can work together to keep youth healthy and safe. For prevention tips and to connect with a prevention coalition in your area, visit www.StartTalkingNow.org.
- For free printed guides on preventing marijuana, alcohol and other drug use, visit the ADAI Clearinghouse www.adaiclearinghouse.org or call (206) 221-8325.
- For 24 hour help for mental health, substance use and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.

### Attitudes about Marijuana Use Grade 10, 2016

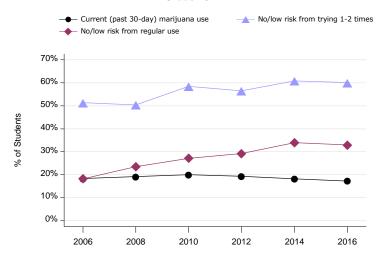


In 2016, 33% of 10th graders in our state thought there was little or no risk of using marijuana regularly.

### Current (past 30-day) Marijuana Use Statewide, All Grades, 2016



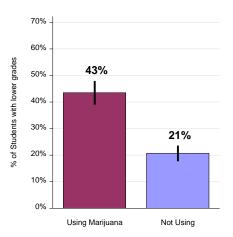
# Marijuana Use and Perception of Harm Trends Grade 10



use  No/low risk from 51% +2 50% +2 58% +2* 56% +3 61% +3* 60% +7*	Prevalence	2006	2008	2010	2012	2014	2016
	30-day) marijuana	18% ±1	19% ±1	20% ±2	19% ±2	18% ±2	17% ±2
dying 1 2 dines	No/low risk from trying 1-2 times	51% ±2	50% ±2	58% ±2*	56% ±3	61% ±3*	60% ±3
No/low risk from regular use** 18% ±2 23% ±2* 27% ±2* 29% ±2 34% ±2* 33% ±3		18% ±2	23% ±2*	27% ±2*	29% ±2	34% ±2*	33% ±3

<sup>\*\*&</sup>quot;Smoke" marijuana regularly was changed to "Use" regularly in 2014. This may mark a break in the trend.

### Statewide Relationship between Lower Grades and Current (past 30-day) Marijuana Use Grade 10, 2016

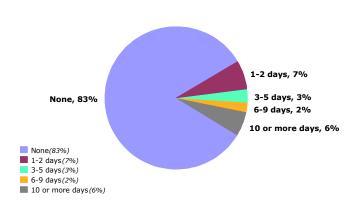


Statewide, more 10th graders who use marijuana report lower grades in school (C's, D's or F's) compared to those who don't use.

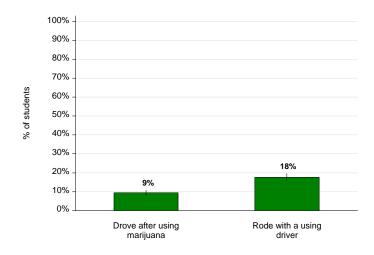


## Marijuana Use for Washington State, page 2 of 2

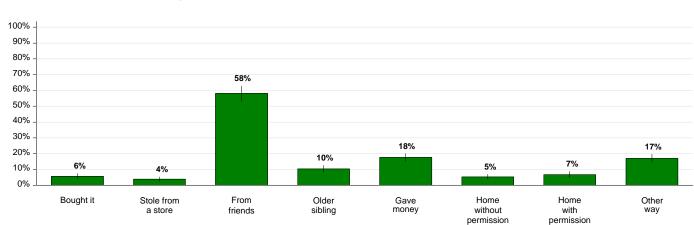
### Level of Current (past 30-day) Marijuana Use Grade 10, 2016



### Marijuana Use and Driving/Riding Grade 10, 2016



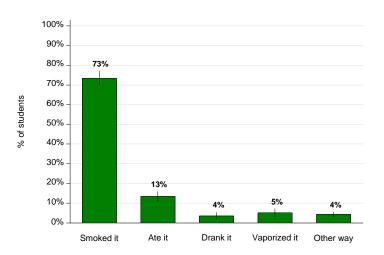
### Where Do Youth Get Marijuana? Grade 10, 2016



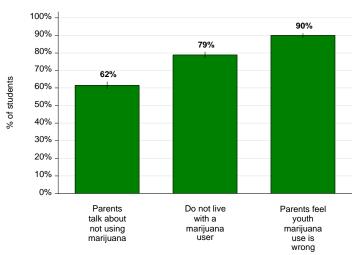
% of students who obtained marijuana

The percentages in this chart are based on all students who reported getting marijuana in the past 30 days, regardless whether they reported using in the past 30 days. Students could select multiple sources.

### Type of Marijuana Used among Those Who Used It Grade 10, 2016



### Family Environment, Grade 10, 2016





## Marijuana Use for Washington State, page 1 of 2

Year: 2016 Grade: 12 Gender: Both Number of Students Surveyed: 7,590

### Background:

- · Marijuana is addictive. Most teens who enter drug treatment programs report marijuana is the primary drug they use.
- If teens use marijuana, anxiety and depression can get worse. Marijuana use is associated with risk of anxiety and depression.
- · Teens who use marijuana can have problems with learning and memory and are more likely to fail in school.

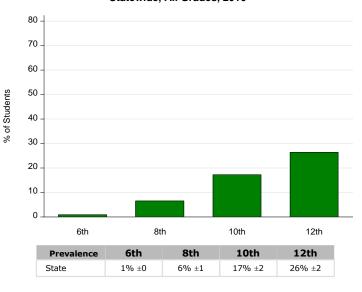
### For More Information:

- Parents, schools, and communities can work together to keep youth healthy and safe. For prevention tips and to connect with a prevention coalition in your area, visit www.StartTalkingNow.org.
- For free printed guides on preventing marijuana, alcohol and other drug use, visit the ADAI Clearinghouse www.adaiclearinghouse.org or call (206) 221-8325.
- For 24 hour help for mental health, substance use and problem gambling, call 1-866-789-1511 or visit www.waRecoveryHelpLine.org.

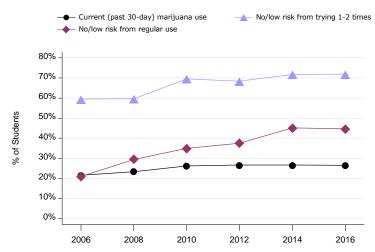
### Attitudes about Marijuana Use Grade 12, 2016 80% 72% 70% 64% 60% 48% 45% 50% 40% 30% 30% 20% 10% Easy to get Friends don't No/low risk No/low risk Adults don't of harm trying 1-2 of harm from

In 2016, 45% of 12th graders in our state thought there was little or no risk of using marijuana regularly.

### Current (past 30-day) Marijuana Use Statewide, All Grades, 2016



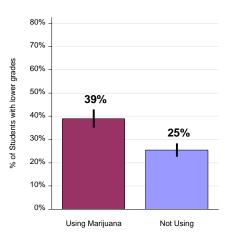
# Marijuana Use and Perception of Harm Trends Grade 12



Prevalence	2006	2008	2010	2012	2014	2016
Current (past 30-day) marijuana use	22% ±2	23% ±2	26% ±2	27% ±1	27% ±2	26% ±2
No/low risk from trying 1-2 times	60% ±3	60% ±3	70% ±3*	68% ±3	72% ±2*	72% ±2
No/low risk from regular use**	21% ±2	29% ±2*	35% ±2*	37% ±3	45% ±3*	45% ±2

<sup>\*\*&</sup>quot;Smoke" marijuana regularly was changed to "Use" regularly in 2014. This may mark a break in the trend.

### Statewide Relationship between Lower Grades and Current (past 30-day) Marijuana Use Grade 12, 2016

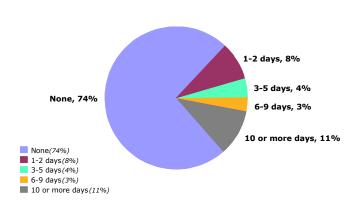


Statewide, more 12th graders who use marijuana report lower grades in school (C's, D's or F's) compared to those who don't use.

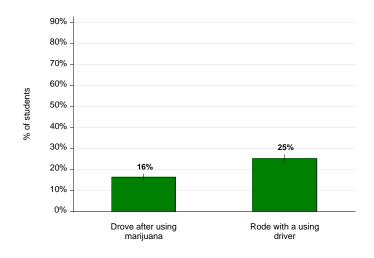


# Marijuana Use for Washington State, page 2 of 2

### Level of Current (past 30-day) Marijuana Use Grade 12, 2016

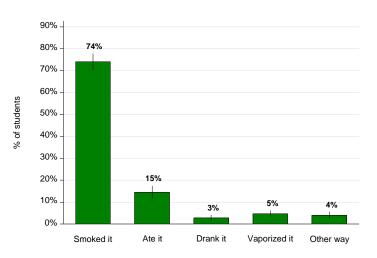


### Marijuana Use and Driving/Riding Grade 12, 2016

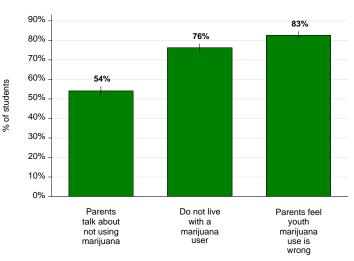


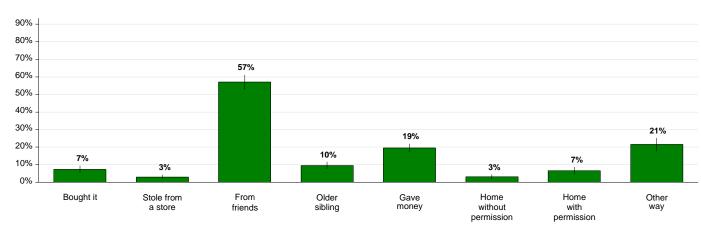
### Where Do Youth Get Marijuana? Grade 12, 2016





### Family Environment, Grade 12, 2016





The percentages in this chart are based on all students who reported getting marijuana in the past 30 days, regardless whether they reported using in the past 30 days. Students could select multiple sources.

% of students who obtained marijuana