Survey is Anonymous and Voluntary

- BVSD middle and high schools
- Voluntary – can opt-out
- Anonymous – no student-level results
- Asks about own health behavior
- Measures various health issue areas

Prepared by Boulder County Public Health
Do NOT compare to previous years or other middle schools

2001-2011 ≠ 2013, 2015, 2017

Local middle schools ≠ Colorado middle schools

Prepared by Boulder County Public Health
Correlation does not equal causation

The real cause of increasing autism prevalence?

Confidence intervals help identify “statistically significant differences”
High school students trying alcohol more than other substances

**Ever Used**
BVSD High Schools
2017 HKCS

- Alcohol: 62%
- Marijuana: 36%
- Tobacco: 16%
- Rx Pain Med: 13%

* Group is significantly different from all other groups.
Middle school students trying alcohol more than other substances

Ever Used
BVSD Middle School
2017 HKCS

* Group is significantly different from all other groups.
High school students using alcohol more than other substances

Current Use (last 30 days)
BVSD High Schools
2017 HKCS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Current Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>35%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>22%</td>
</tr>
<tr>
<td>Tobacco</td>
<td>8%</td>
</tr>
<tr>
<td>Rx Meds</td>
<td>5%</td>
</tr>
</tbody>
</table>

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Middle school students using alcohol more than other substances

Current Use (last 30 days)
BVSD Middle Schools
2017 HKCS

- Alcohol: 6%
- Marijuana: 2%
- Tobacco: 0.4%

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Older students more likely to try alcohol

Alcohol Ever Used
BVSD High Schools
2017 HKCS

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Older students more likely to use alcohol

![Graph showing alcohol current use (30 days) by grade for BVSD High Schools 2017 HKCS.]

- 9th grade: 18%
- 10th grade: 32%
- 11th grade: 40%
- 12th grade: 49%

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Older students more likely to report high-risk drinking

* Group is significantly different from all other groups.

High-Risk Drinking Current (last 30 days)
BVSD High Schools
2017 HKCS
MARIJUANA
No change students trying marijuana reported since 2013

Marijuana Ever Use
BVSD High Schools
HKCS

Prepared by Boulder County Public Health
No change students trying marijuana reported since 2013

Marijuana Ever Use
BVSD Middle Schools
2017 HKCS

Prepared by Boulder County Public Health
No change in current marijuana use reported since 2013

Marijuana Current Use (30 days)
BVSD High Schools
2017 HKCS

- 2013: 21%
- 2015: 25%
- 2017: 22%

Prepared by Boulder County Public Health
Smoking is still most common mode of marijuana use

**Consumption Methods of Marijuana, Among Users**
BVSD High Schools
2017 HKCS

- Smoked: 87%
- Ate: 45%
- Vaporized: 26%
- Dabbed: 40%

* Group is significantly different from all other groups
**Given current marijuana use (last 30 days)

Prepared by Boulder County Public Health
Trends of consumption methods could be changing

Consumption Methods of Marijuana, Among Users**
BVSD High Schools
2017 HKCS

**Given current marijuana use (last 30 days)
No change in ease of access reported since 2013

Ease of Access to Marijuana
BVSD High Schools
2017 HKCS

- 2013: 59%
- 2015: 60%
- 2017: 61%

Prepared by Boulder County Public Health
TOBACCO & “VAPING”
Current use of vapor products is common

Current Use (30days)
BVSD High School
2017 HKCS

- Cigarettes: 8%
- Heavy Use Cigarettes: 1.4%
- Other tobacco: 10%
- Electronic Vapor Product: 33%

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Majority of students who ever used vaping products currently use

<table>
<thead>
<tr>
<th>Ever Use</th>
<th>Current Use (30 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>33%</td>
</tr>
</tbody>
</table>

* Group is significantly different from all other groups.

Vaping Products
BVSD High Schools
2017 HKCS

Prepared by Boulder County Public Health
Cigarettes perceived as riskier than vaping

![Bar graph showing risk of harm for vaping and cigarettes.]

- **Vaping**:
  - Risk of harm: 51%

- **Cigarettes**:
  - Risk of harm: 88%

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
Prescription pain medication most common other drug used

Ever Use
BVSD High Schools
2017 HKCS

<table>
<thead>
<tr>
<th>Substance Type</th>
<th>Ever Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine</td>
<td>6%</td>
</tr>
<tr>
<td>Inhalants</td>
<td>5%</td>
</tr>
<tr>
<td>Heroin</td>
<td>1%</td>
</tr>
<tr>
<td>Meth</td>
<td>2%</td>
</tr>
<tr>
<td>Ecstasy</td>
<td>5%</td>
</tr>
<tr>
<td>Rx Pain</td>
<td>13%</td>
</tr>
</tbody>
</table>

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
MENTAL HEALTH
Depressive Symptoms more common among GLB students

**Depressive Symptoms**

BVSD High Schools

2017 HKCS

* Group is significantly different from all other groups.
Bullying more likely in GLB and “not sure” students

<table>
<thead>
<tr>
<th>Sexual Orientation</th>
<th>Bullied on School Property (12 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GLB</td>
<td>* 31%</td>
</tr>
<tr>
<td>Heterosexual</td>
<td>17%</td>
</tr>
<tr>
<td>Not Sure</td>
<td>* 31%</td>
</tr>
<tr>
<td>Total</td>
<td>19%</td>
</tr>
</tbody>
</table>

* Groups are significantly different from other groups.

Prepared by Boulder County Public Health
Suicidal behaviors more common in GLB and “not sure” students

Self-Harm and Suicidality (12 months)
BVSD High Schools
2017 HKCS

<table>
<thead>
<tr>
<th></th>
<th>GLB</th>
<th>Heterosexual</th>
<th>Not Sure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Harm</td>
<td>43%</td>
<td>13%</td>
<td>24%</td>
</tr>
<tr>
<td>Considered Suicide</td>
<td>37%</td>
<td>12%</td>
<td>28%</td>
</tr>
<tr>
<td>Created Suicide Plan</td>
<td>27%</td>
<td>9%</td>
<td>25%</td>
</tr>
<tr>
<td>Attempted Suicide</td>
<td>14%</td>
<td>4%</td>
<td>15%</td>
</tr>
</tbody>
</table>

* Group is significantly different from all other groups.

Prepared by Boulder County Public Health
IMPORTANCE OF CARING ADULTS
Most students report having at least one adult they can talk to

<table>
<thead>
<tr>
<th>Could ask parent/guardian for help</th>
<th>Have an adult to go to for help</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes 70%</td>
</tr>
<tr>
<td></td>
<td>No 18%</td>
</tr>
<tr>
<td>No</td>
<td>Yes 4%</td>
</tr>
<tr>
<td></td>
<td>No 8%</td>
</tr>
</tbody>
</table>
Students who can talk to parent less likely to try substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>Can talk to parent</th>
<th>Can't talk to parent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>60%</td>
<td>77%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>34%</td>
<td>52%</td>
</tr>
<tr>
<td>Vapor Product</td>
<td>43%</td>
<td>66%</td>
</tr>
<tr>
<td>Rx Pain</td>
<td>12%</td>
<td>22%</td>
</tr>
</tbody>
</table>

* Values significantly different.

Prepared by Boulder County Public Health
Students who can talk to parents less likely to experience suicidality

<table>
<thead>
<tr>
<th></th>
<th>Can talk to parent</th>
<th>Can't talk to parent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depressive Symptoms</td>
<td>23%</td>
<td>55%</td>
</tr>
<tr>
<td>Considered Suicide</td>
<td>11%</td>
<td>42%</td>
</tr>
<tr>
<td>Created Suicide Plan</td>
<td>9%</td>
<td>34%</td>
</tr>
<tr>
<td>Attempted Suicide</td>
<td>4%</td>
<td>22%</td>
</tr>
</tbody>
</table>

* Values significantly different.

Prepared by Boulder County Public Health
Statistics is not a spectator sport
Table 40. Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row during the past 12 months that they stopped doing some usual activities

<table>
<thead>
<tr>
<th></th>
<th>Percentage (%)</th>
<th>95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>27.4</td>
<td>(25.5 - 29.2)</td>
</tr>
<tr>
<td><strong>Sex</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>34.6</td>
<td>(30.6 - 38.5)</td>
</tr>
<tr>
<td>Male</td>
<td>20.1</td>
<td>(18.4 - 21.8)</td>
</tr>
<tr>
<td><strong>Grade</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9th</td>
<td>22.1</td>
<td>(17.0 - 27.2)</td>
</tr>
<tr>
<td>10th</td>
<td>28.9</td>
<td>(25.1 - 32.8)</td>
</tr>
<tr>
<td>11th</td>
<td>29.2</td>
<td>(23.9 - 34.6)</td>
</tr>
<tr>
<td>12th</td>
<td>29.2</td>
<td>(24.2 - 34.2)</td>
</tr>
<tr>
<td><strong>Race/Ethnicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td></td>
<td>(         )</td>
</tr>
<tr>
<td>Asian</td>
<td>20.9</td>
<td>(13.1 - 28.6)</td>
</tr>
<tr>
<td>Black/African American</td>
<td></td>
<td>(         )</td>
</tr>
<tr>
<td>Native Hawaiian/Other Pacific Islander</td>
<td></td>
<td>(         )</td>
</tr>
<tr>
<td>White</td>
<td>25.6</td>
<td>(24.3 - 27.3)</td>
</tr>
<tr>
<td>Hispanic</td>
<td>30.6</td>
<td>(26.4 - 35.2)</td>
</tr>
<tr>
<td>Other</td>
<td>37.0</td>
<td>(31.4 - 42.6)</td>
</tr>
<tr>
<td><strong>Sexual Orientation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heterosexual (Straight)</td>
<td>23.6</td>
<td>(21.6 - 25.6)</td>
</tr>
<tr>
<td>Gay/Lesbian/Bisexual</td>
<td>54.8</td>
<td>(48.0 - 61.6)</td>
</tr>
<tr>
<td>Not Sure</td>
<td>39.9</td>
<td>(36.2 - 43.5)</td>
</tr>
</tbody>
</table>

* All estimates are weighted to reflect the student enrollment for the school or district. For more information about weighting please refer to the introduction to this report.

. Data are suppressed to ensure confidentiality when the number of students responding is fewer than 30 and/or the number of students responding YES is fewer than 3.0%, or 100%, as indicated by a period (.). All percentages are rounded to the nearest tenth.
Keep an eye out for more results and content:

• BoulderCountyHKCS.org
• BoulderCountyHealthCompass.org