



Malden High School YRBS Data Preview 2012

September 20, 2012

Analysis and Reporting by
The Institute for Community Health



Cambridge Health Alliance



YRBS Validity

- **“Research indicates data of this nature may be gathered as credibly from adolescents as from adults.” - CDC**
 - Numerous methods studies have been published on the topic and found self-reported behaviors from adolescents to be both valid and reliable
 - Brener ND, Billy JO, Grady WR. Assessment of factors affecting the validity of self-reported health-risk behavior among adolescents: evidence from the scientific literature. J Adolesc Health 2003;33:436–57.
- **“To obtain truthful answers, students must perceive the survey as important and know procedures have been developed to protect their privacy and allow for anonymous participation” - CDC**
 - Biggest threats to validity are students perceived lack of anonymity, social desirability bias, and attention seeking behavior
- **“Internal reliability checks help identify the small percentage of students who falsify their answers” - CDC**
 - Standard CDC data cleaning procedures were followed for the 2012 Malden YRBS
 - Removed surveys with too few responses
 - Removed surveys if patterns in response detected (all yes, only the extremes, a b c d a b c d, etc)
 - Removed responses if logic checks failed



Malden High School 2012

Student Characteristics 2011-2012 School Year

Total enrollment	1,832 Students
Male	52.3%
Female	47.7%
White	30.2%
African American	22.9%
Asian	22.8%
Hispanic	20.0%
Other	4.1%
First Language not English	43.7%
Limited English Proficiency	12.1%
Eligible for Free/Reduced Lunch	64.6%

1,376 YRBS surveys = 75% response rate

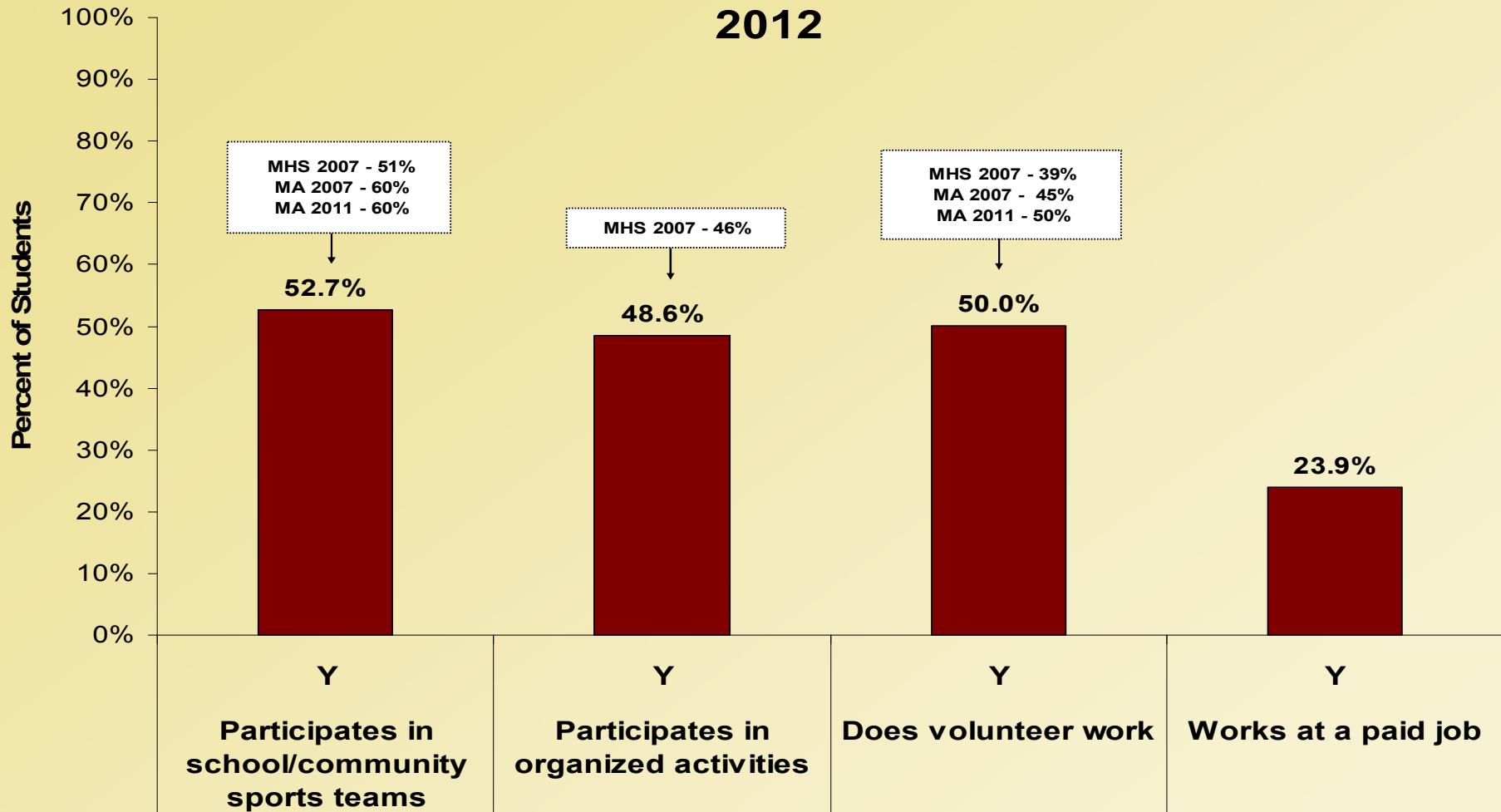
2007 Malden YRBS response rate was 77%



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Engagement Indicators Malden High School YRBS 2012

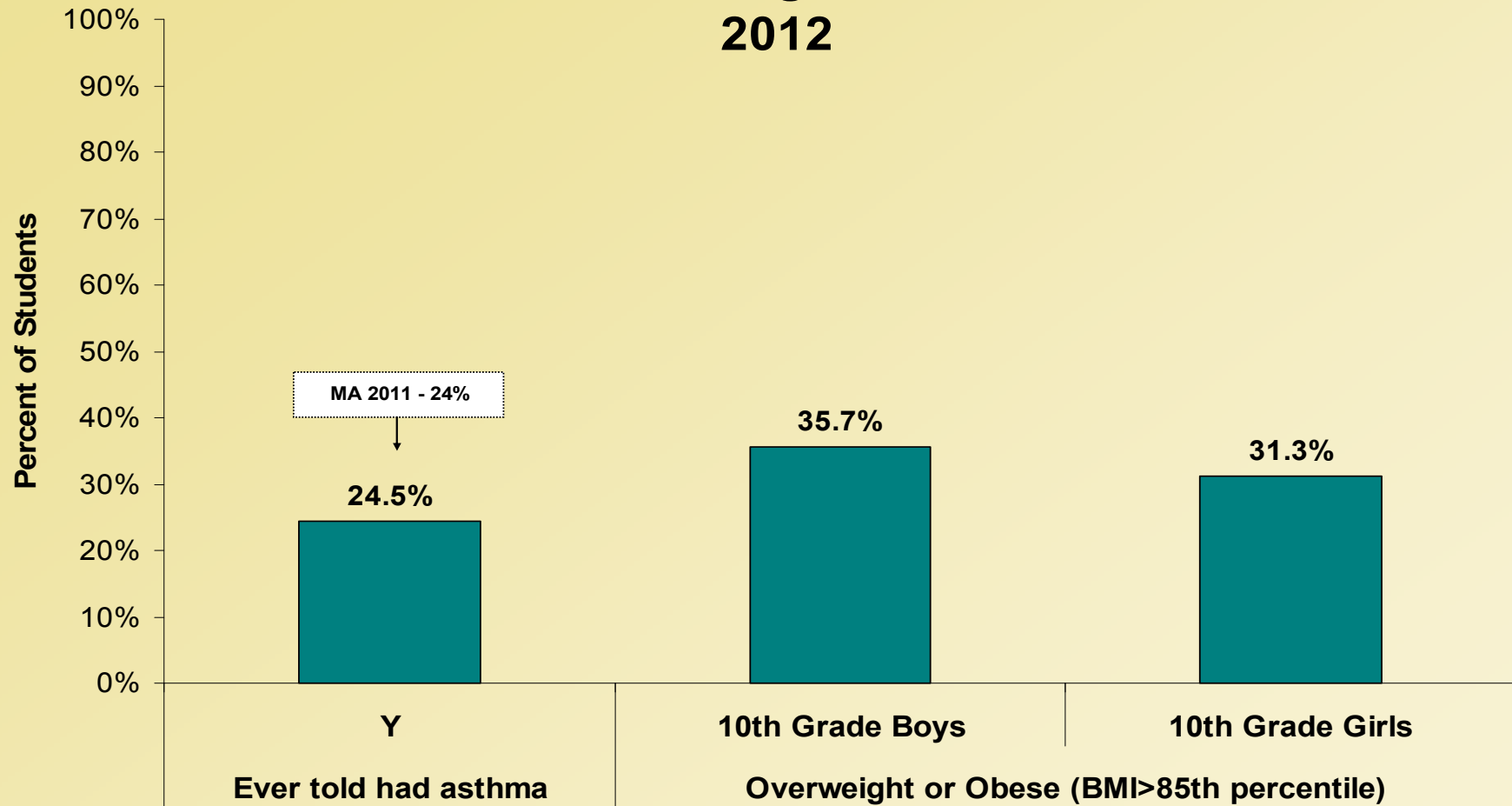


Data note: 19 to 20% of students skipped or missed the above questions



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Health Indicators Malden High School 2012



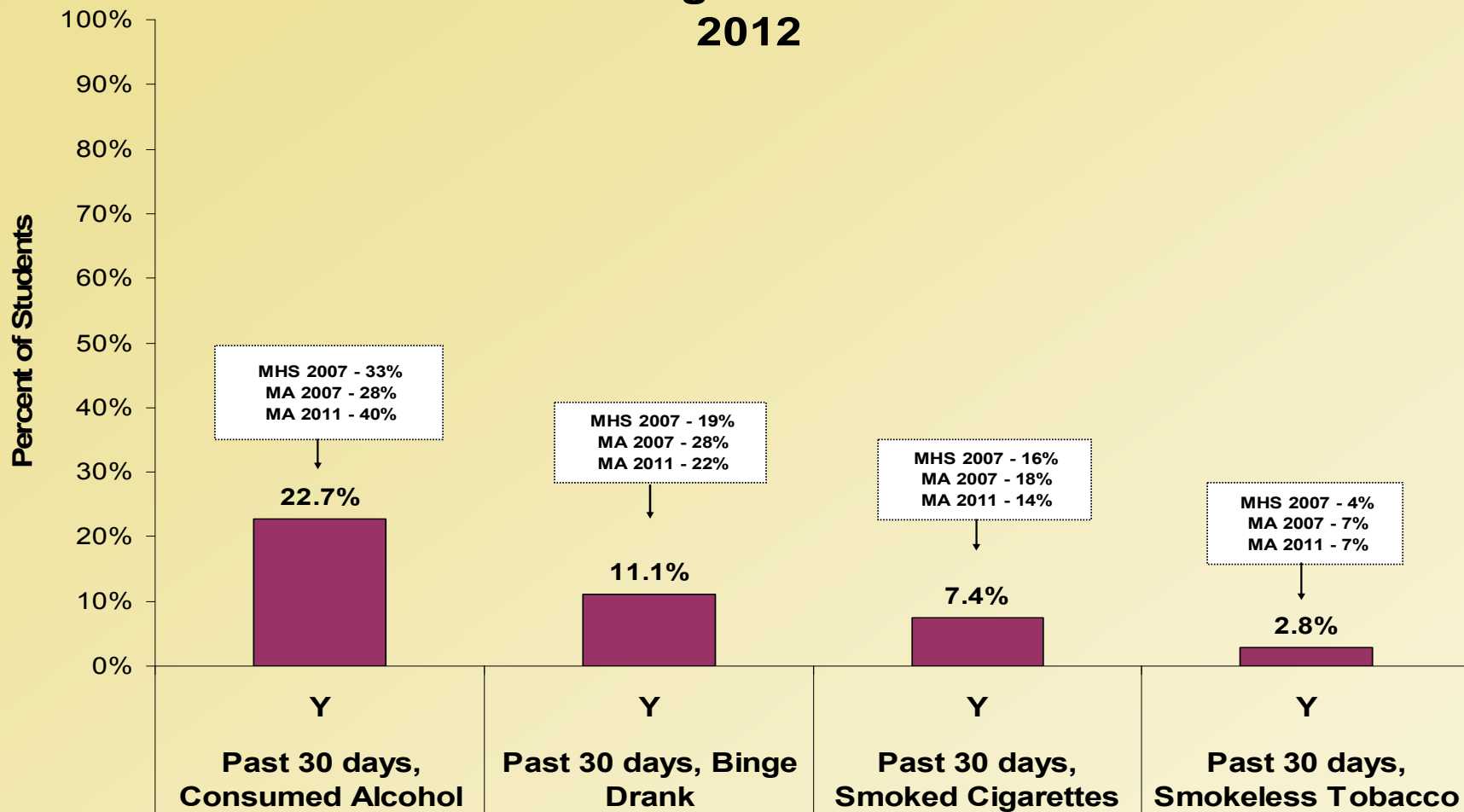
****Actual BMI data as collected by School Nursing Staff; 2010/11 & 2011/12 school years aggregate shown
Data note: 20% of students skipped or missed the YRBS asthma question



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Alcohol and Tobacco Behaviors Malden High School YRBS 2012

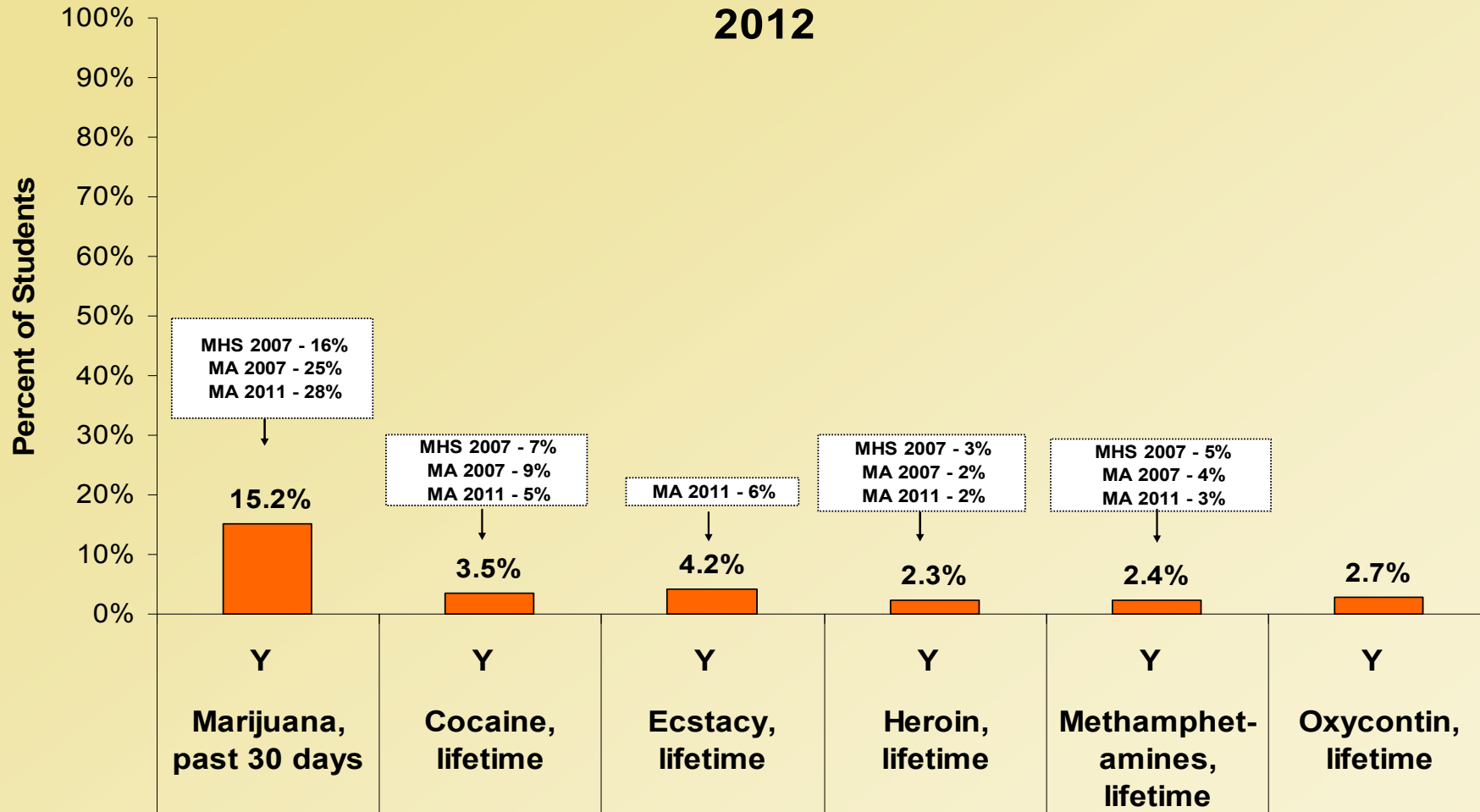


Binge Drinking defined as 5 or more drinks in a row
Data note: 3 to 5% of students skipped or missed the above questions



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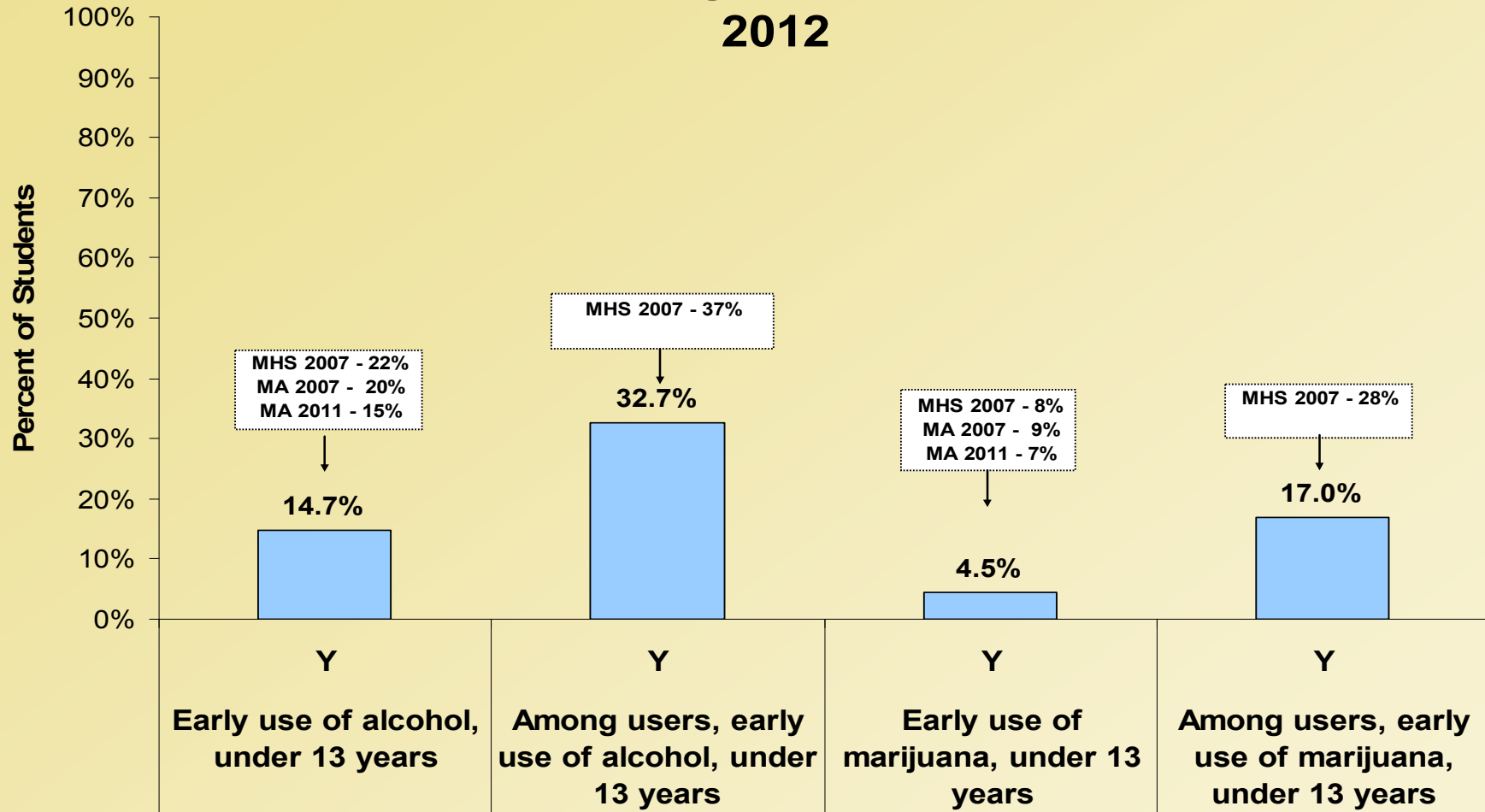
Drug Use Behaviors Malden High School YRBS 2012



Data note: 2 to 5% of students skipped or missed the above questions



Age at First Use Malden High School YRBS 2012



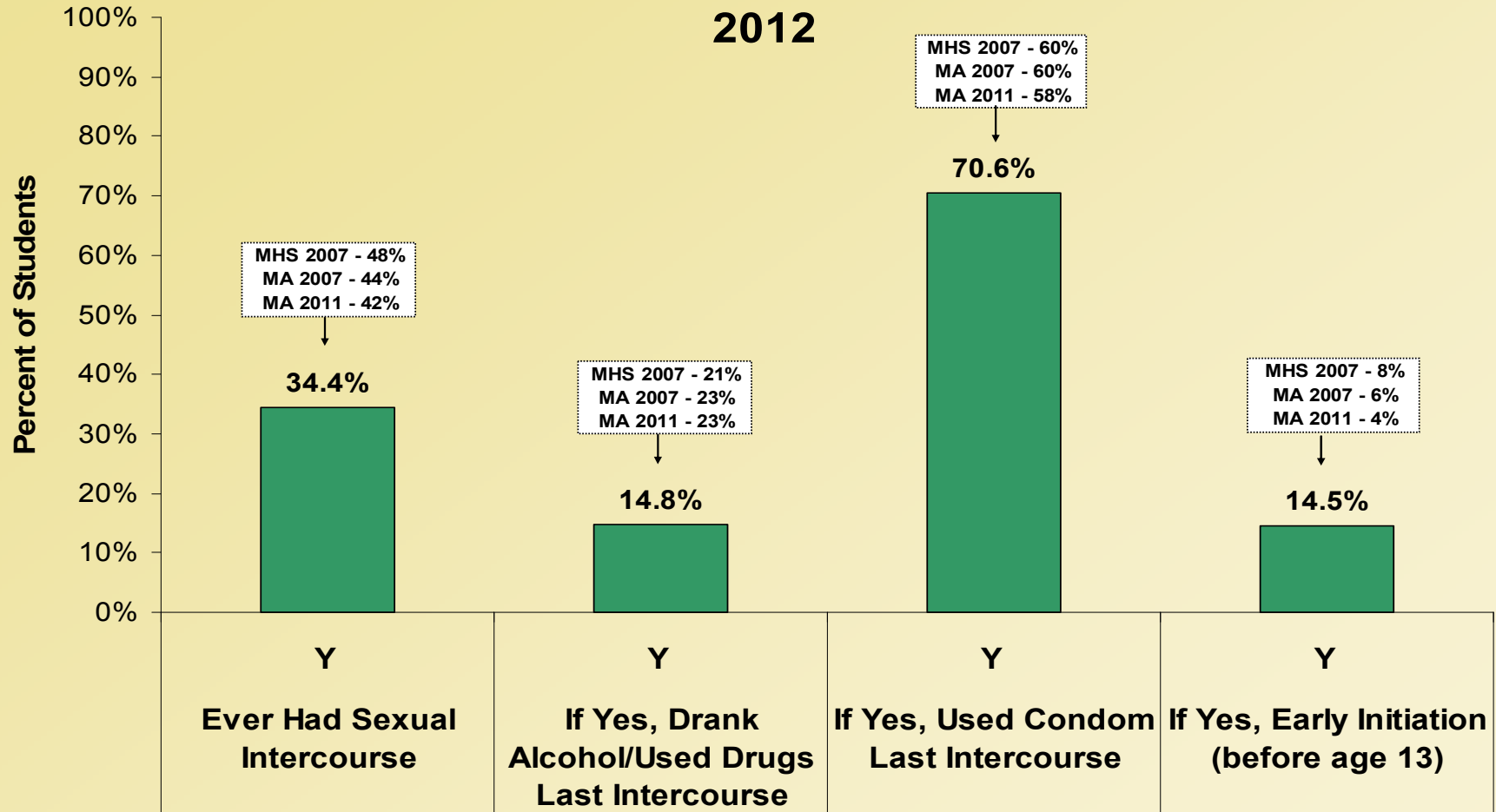
Data note: 3 to 5% of students skipped or missed the above questions



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Sexual Health Behaviors Malden High School YRBS 2012

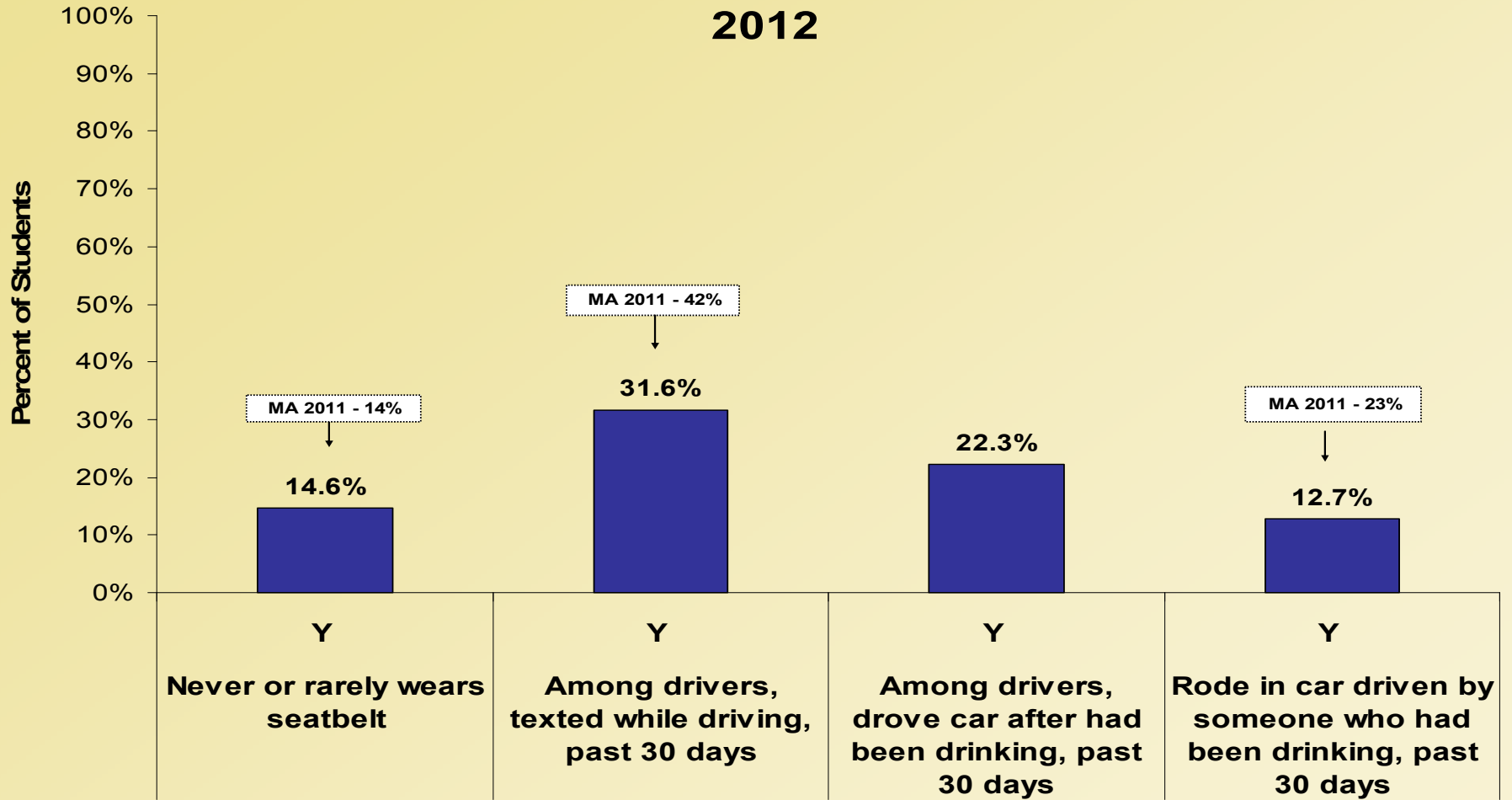


Data note: 18 to 20% of students skipped or missed the above questions



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Safety Behaviors Malden High School YRBS 2012



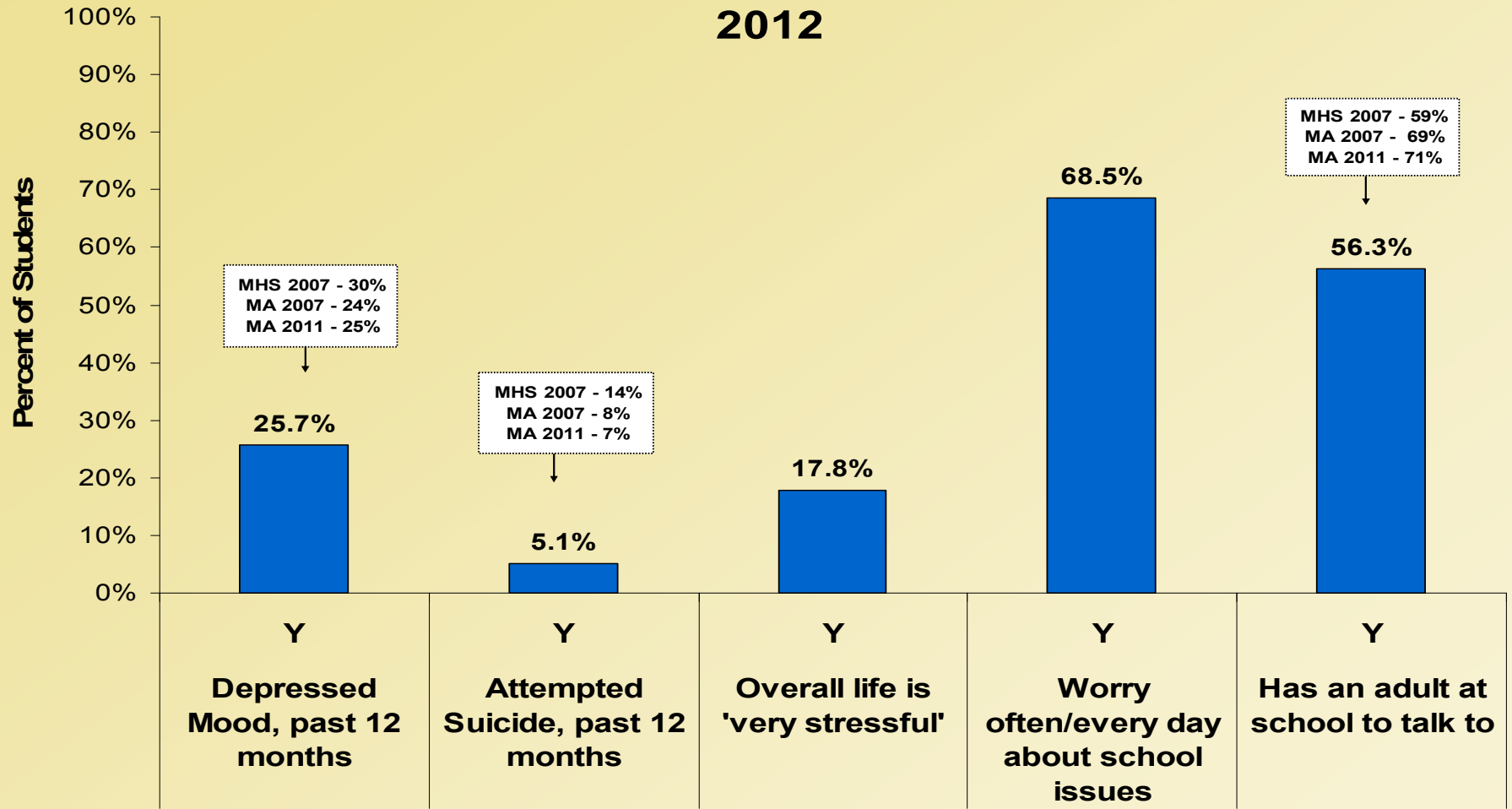
Data note: 1 to 10% of students skipped or missed the above questions



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Mental and Social Health Malden High School YRBS 2012



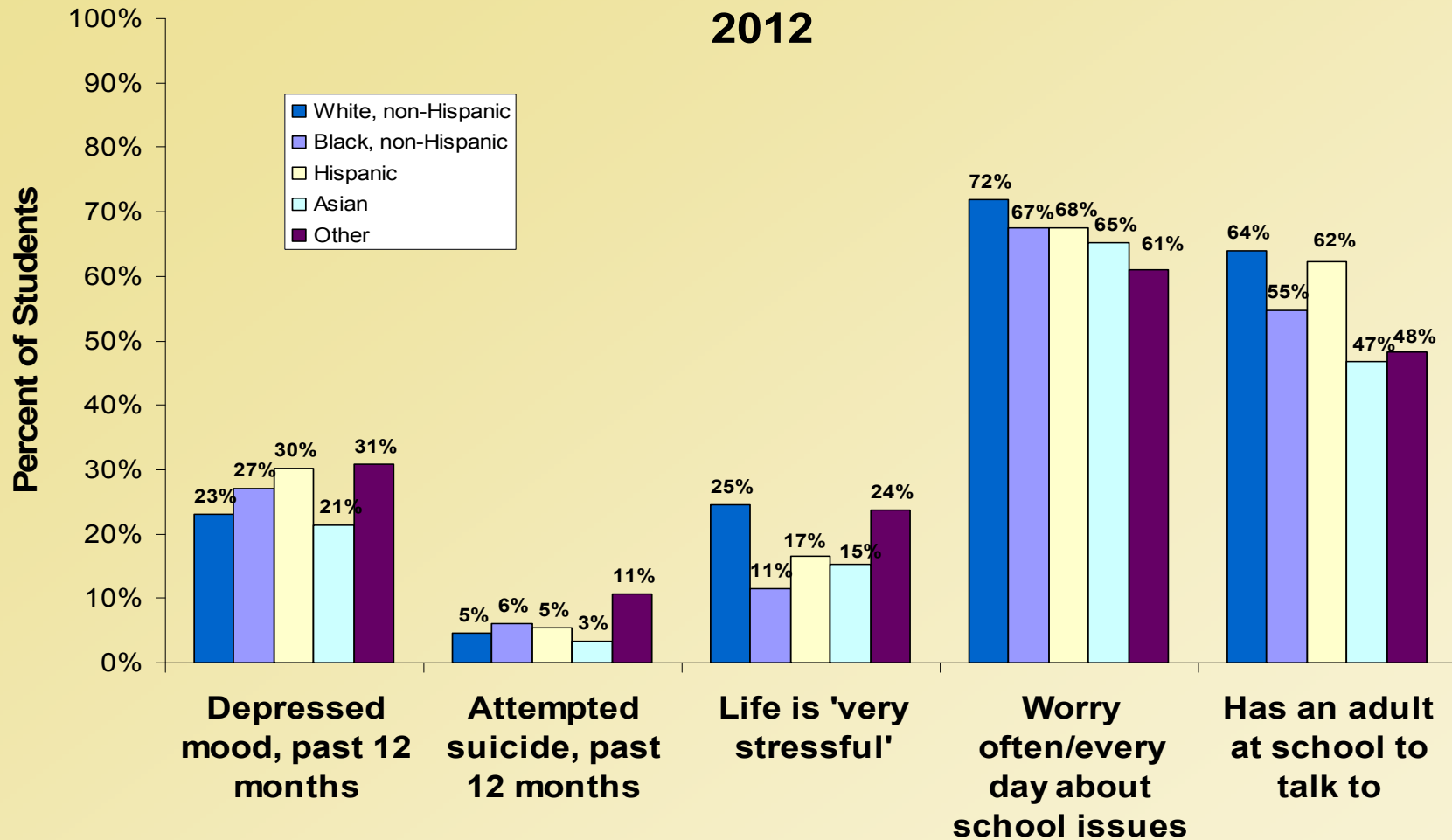
Data note: 1 to 12% of students skipped or missed the above questions



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Mental and Social Health by Race/Ethnicity Malden High School YRBS 2012



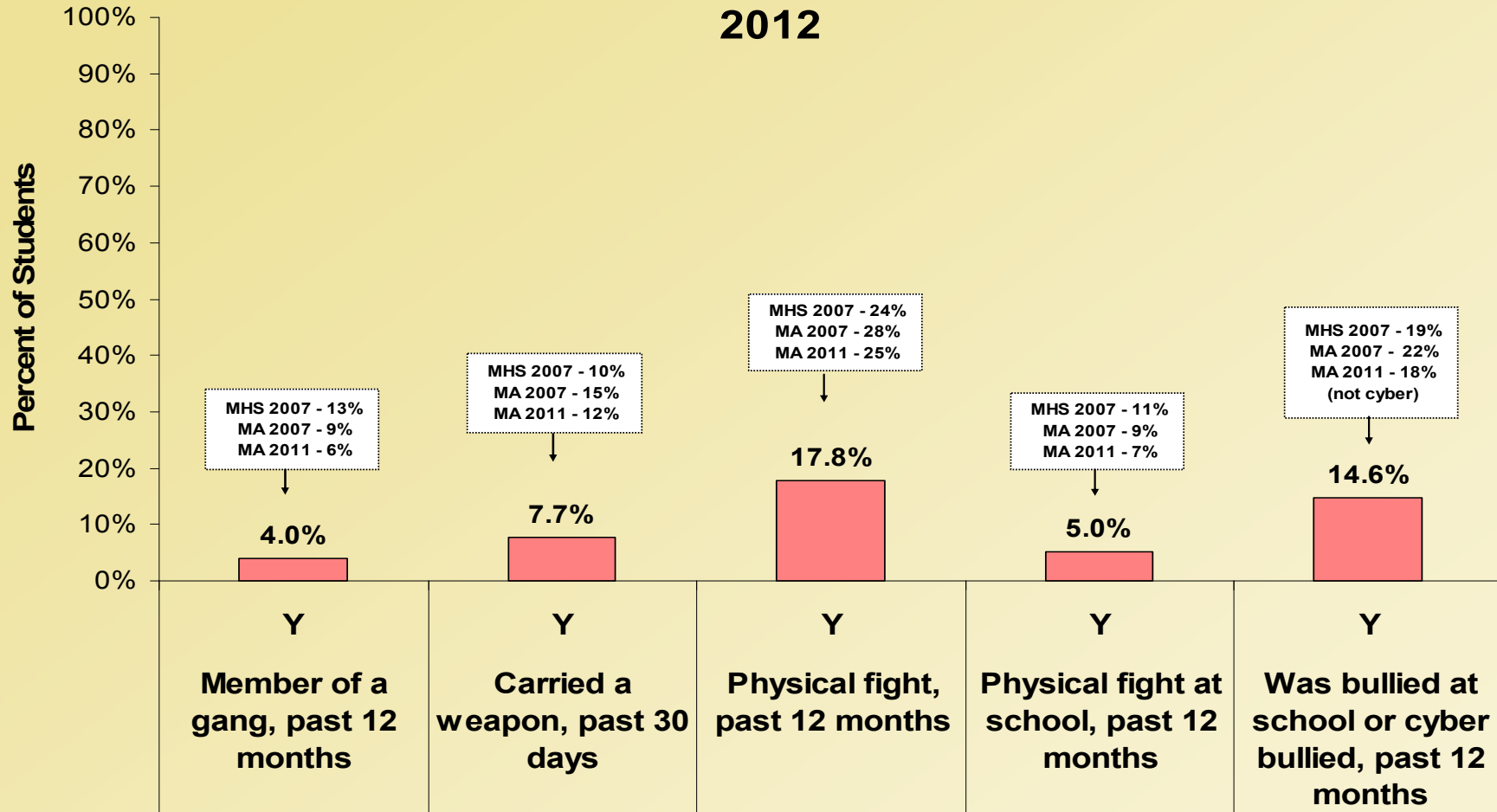
Data note: 1 to 12% of students skipped or missed the above questions



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Violence Behaviors Malden High School YRBS 2012



Data note: 1 to 3% of students skipped or missed the above questions



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Thank you!

- This is an introduction to the data that was collected in Spring, 2012.
- The full report will be available Fall, 2012
- Questions? Contact Renee Cammarata Hamilton or Emily Chiasson
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