

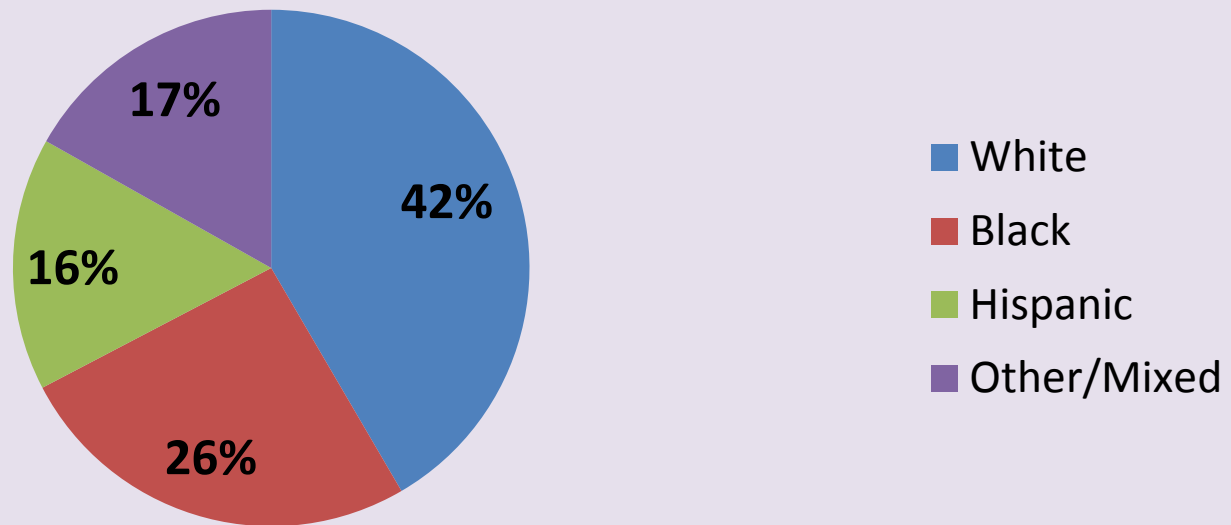
Tobacco Use among Delaware Youth



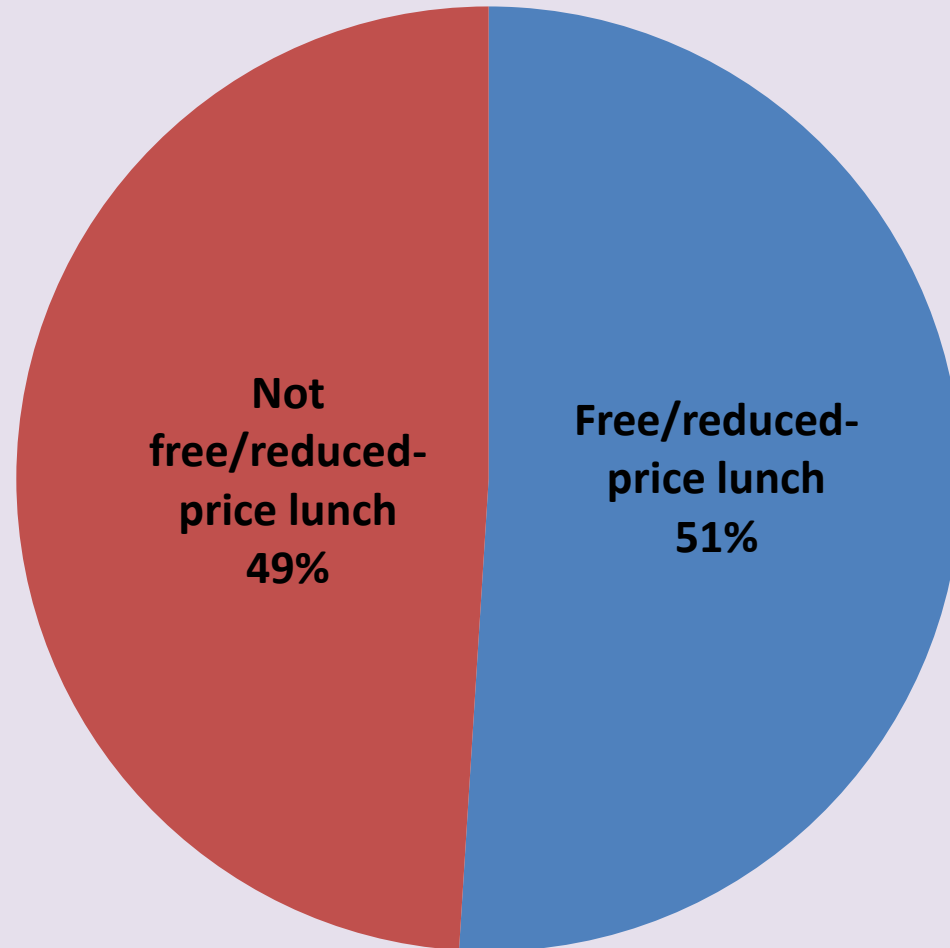
From the 2012 Delaware Youth Tobacco Survey and the 2011 Delaware School Survey, University of Delaware Center for Drug and Alcohol Studies
February 21, 2013

Part I

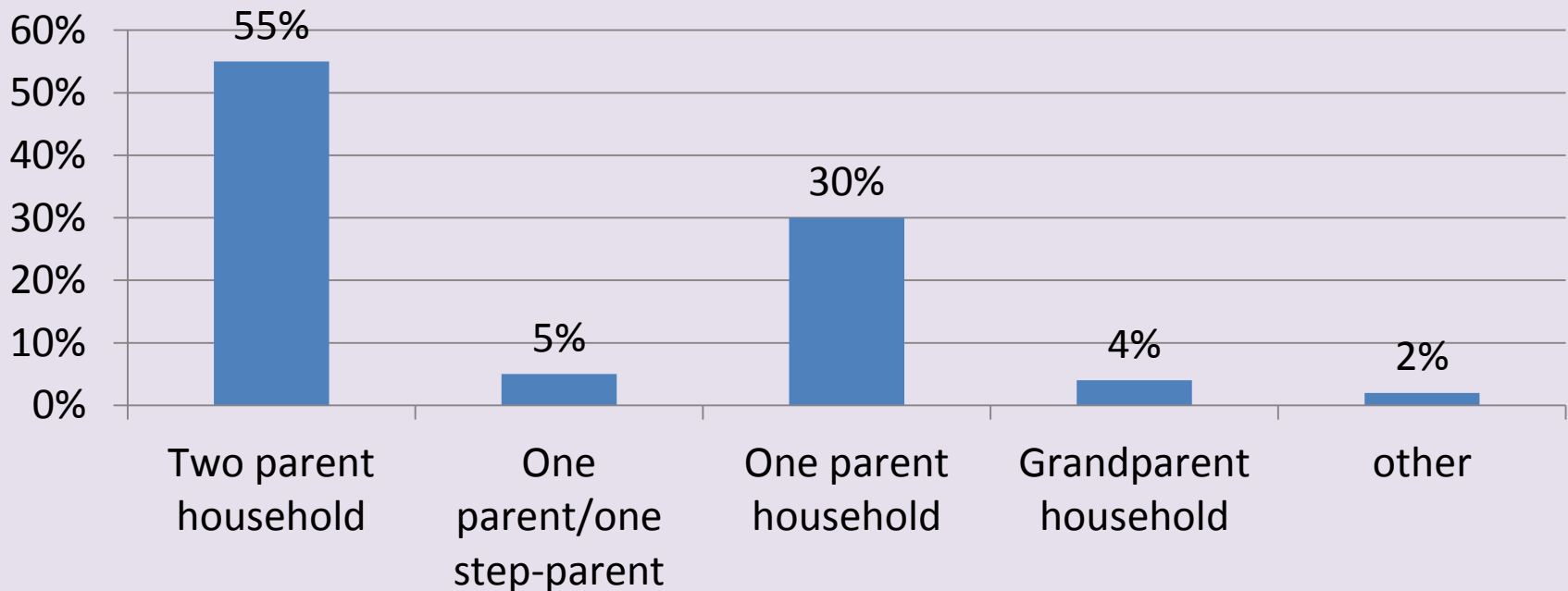
42% of Delaware 5th graders say that they are White, 26% Black, 16% Hispanic, 17% are mixed-race or “other.”



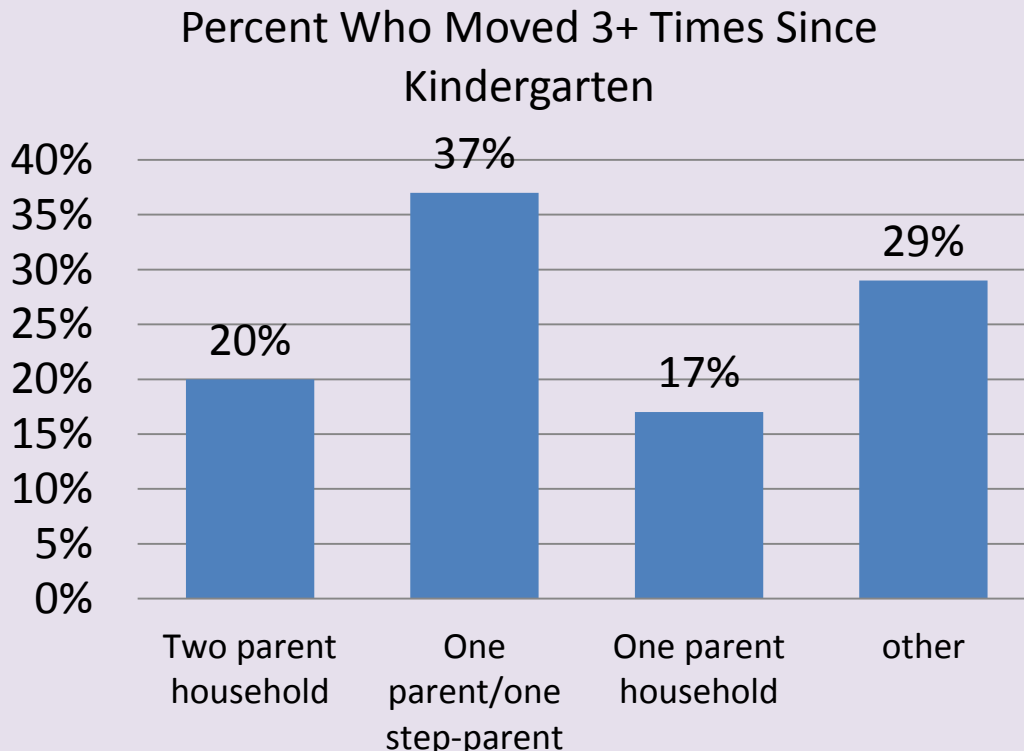
51% of 5th graders say they get a free or reduced-price lunch at school.



31% of 5th graders report living in a one-parent household (87% of which are headed by women), and 3% live with a grandparent with no parent in the home.



More than one in four 5th graders has moved 3 or more times since starting Kindergarten. This is twice as likely in one-parent households.



Source: 2011 Delaware School Survey, University of Delaware Center for Drug and Alcohol Studies



Let's take a look at an average
Delaware child . . .



This is Sophia.



Sophia just started Kindergarten.
She lives in our most densely
populated county, one of over
5,000 Delaware girls her age, one
of over 10,000 children her age.



Like half of all children born in Delaware, Sophia received WIC. Her mom, a single parent, works and takes classes at Del Tech so she can eventually better support her two girls.



Sophia has had health insurance through Medicaid and the Delaware Healthy Children Program, and attends day care with Purchase of Care payments. The State of Delaware has a BIG investment in her.



She is
healthy,
happy,
smart,
and
secure.



Sophia
cares for
others,
especially
her active
younger
sister.



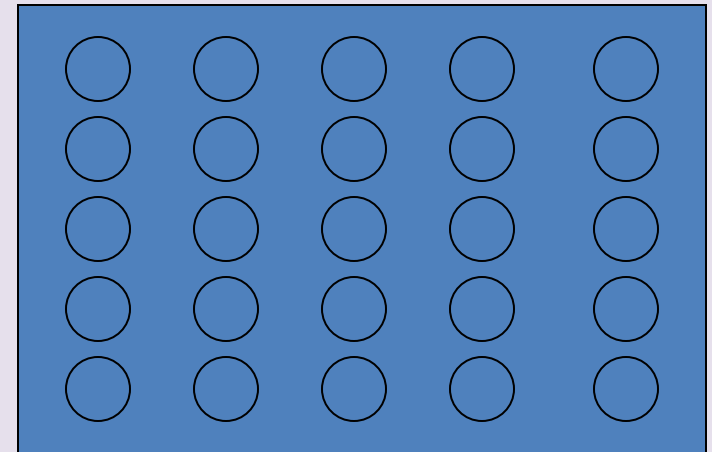


She is involved in the community,

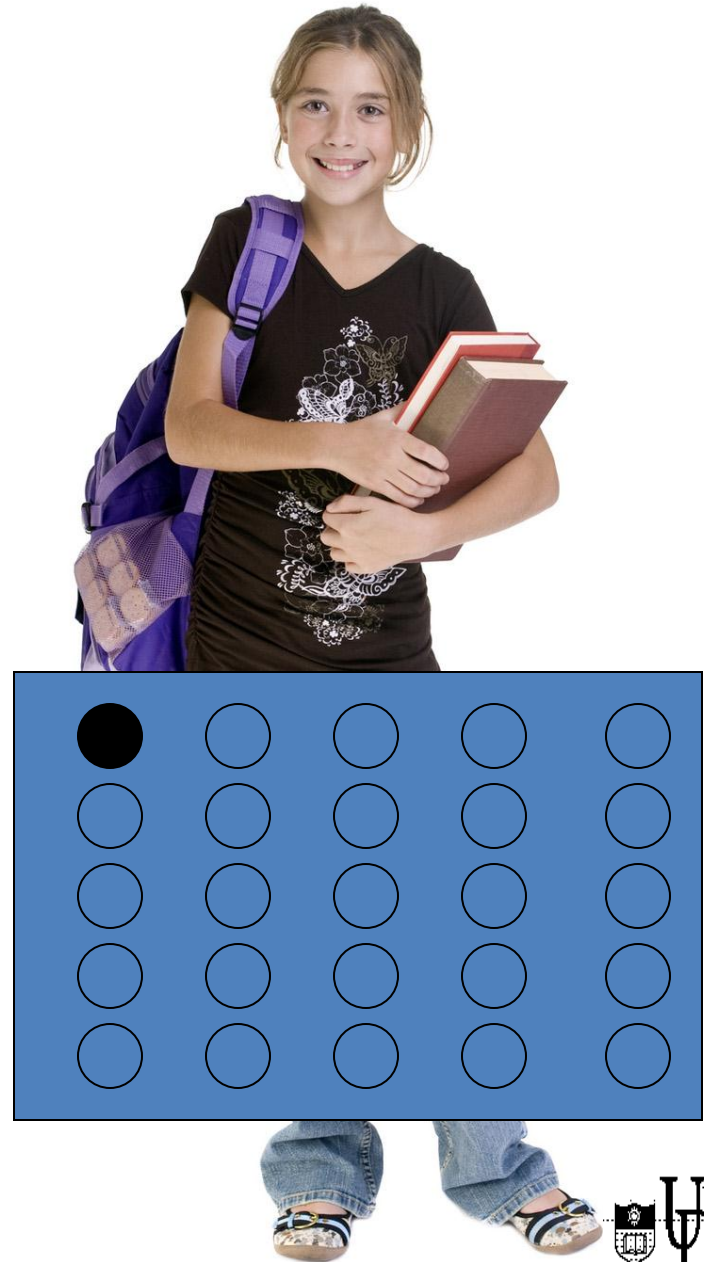
and has
dreams for
the future.



Someday, Sophia will be part of an average classroom of 25 students.



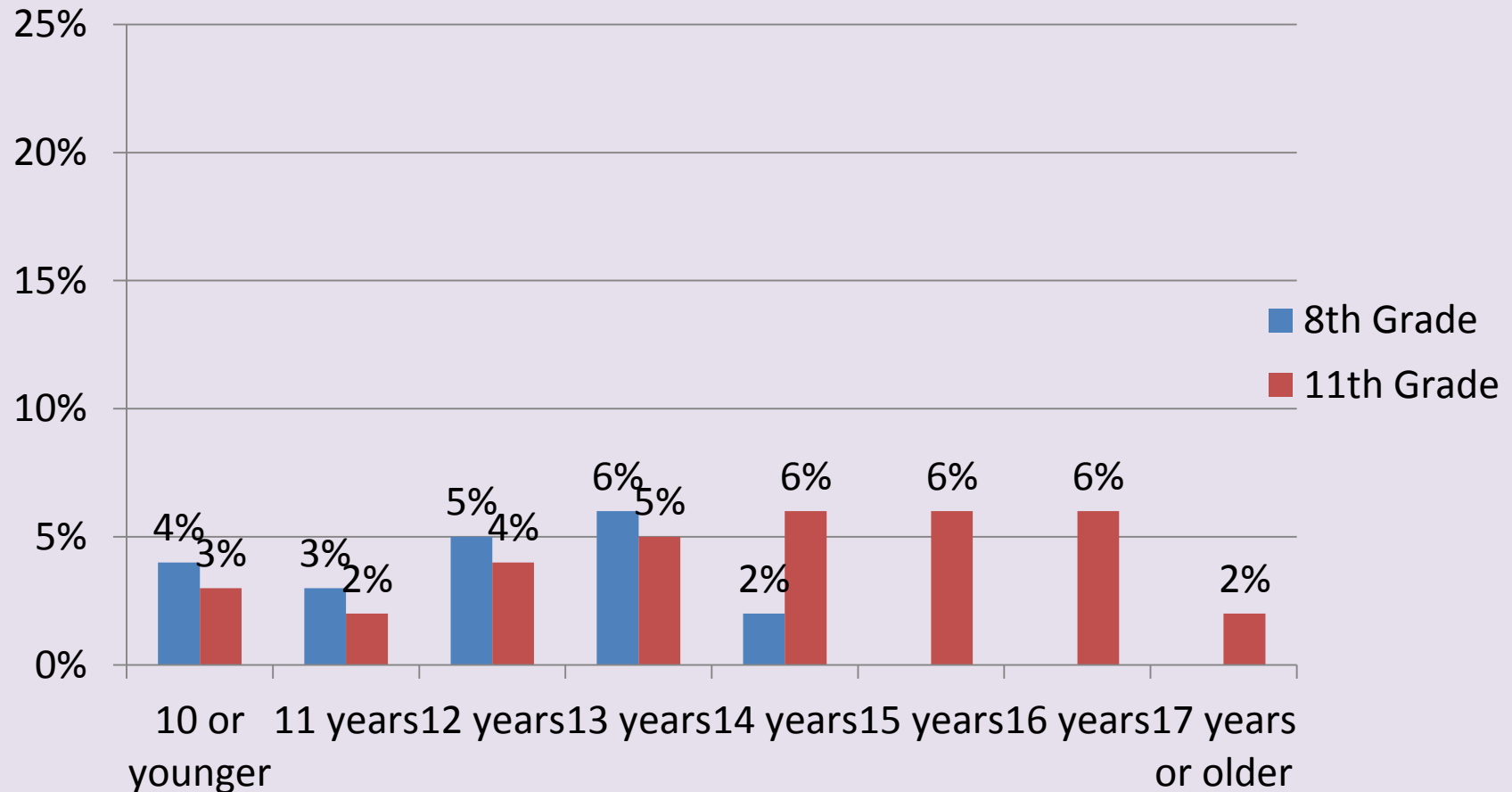
**4% will have ever
tried cigarettes**
(more than a few
puffs); this represents
1 student in Sophia's
average 5th grade
classroom of 25
students; almost one
in three do not think
there is great risk in
smoking daily.



30% of 5th graders live with a parent who smokes. They are almost 7 times more likely to report having ever smoked.



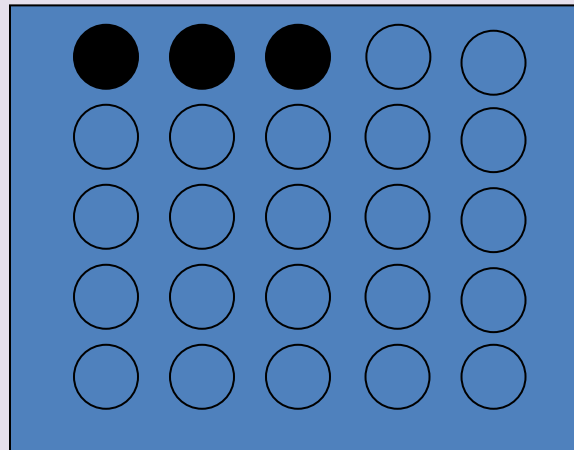
Age at First Cigarette Use



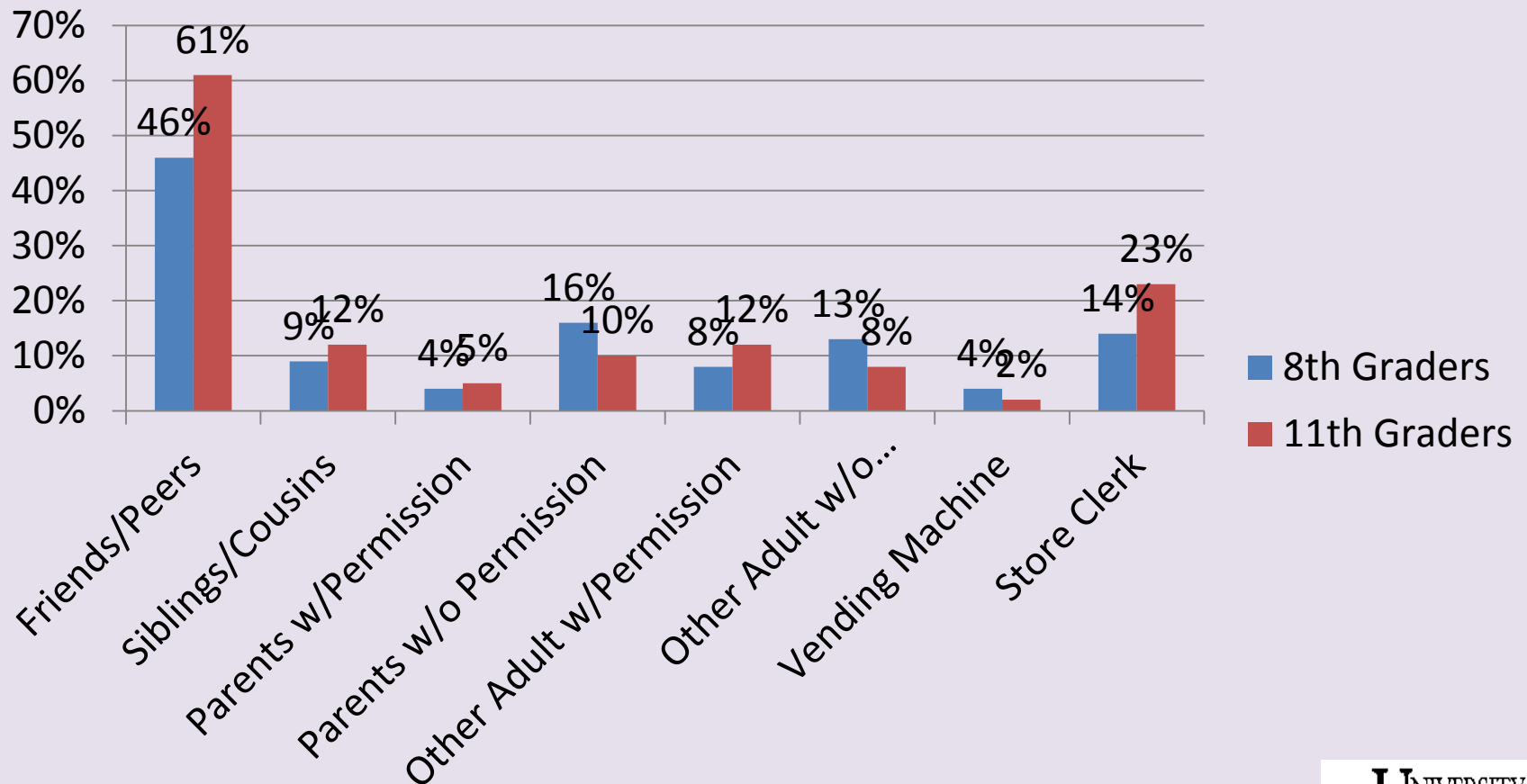
Source: 2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.



12% of 8th graders have smoked cigarettes in the past year; this represents 3 students in Sophia's average 8th grade classroom of 25 students; almost one in two do not think there is great risk from smoking a pack or more per day.



How Delaware Students would get Cigarettes If They Wanted Them



Source: 2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.

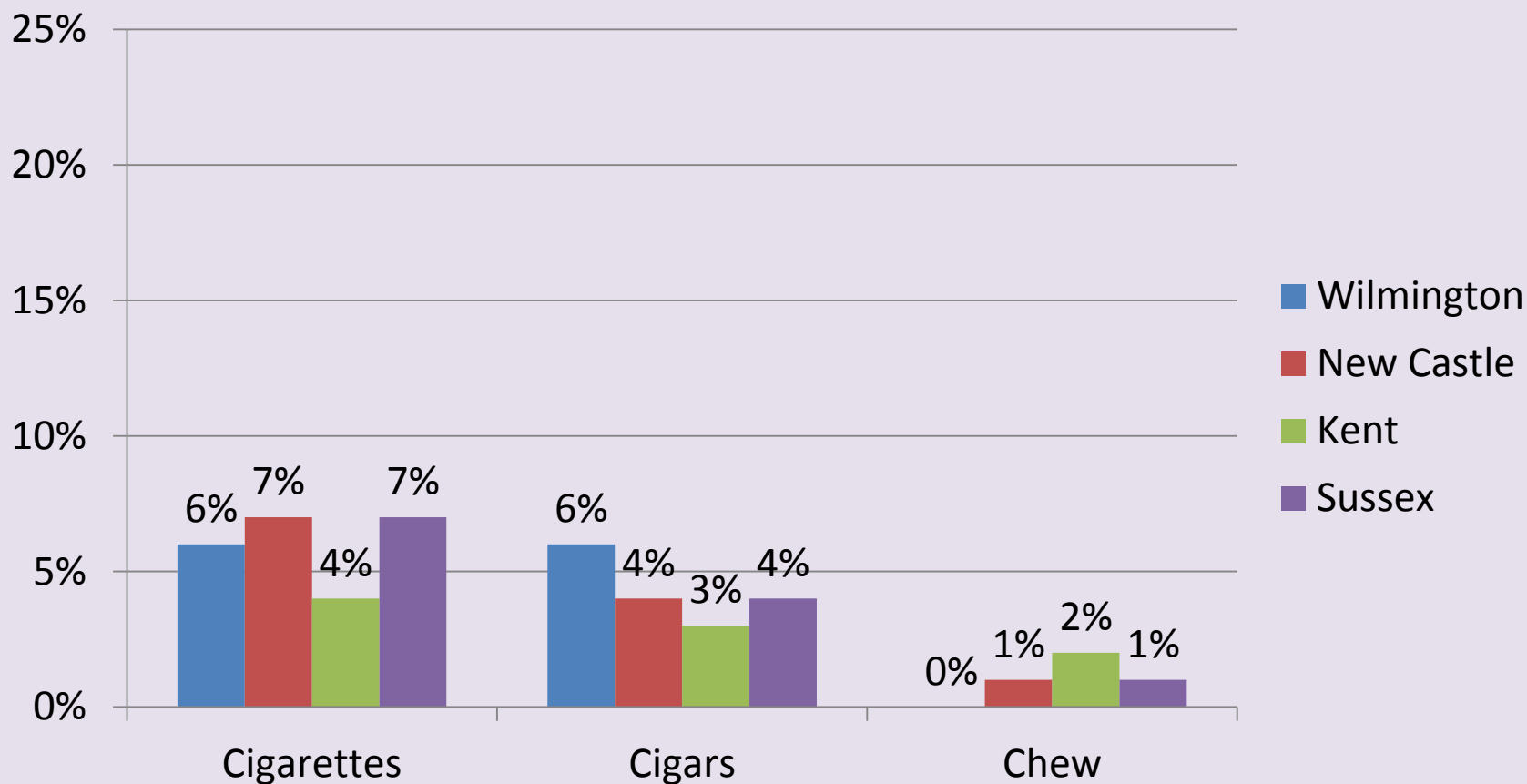


It isn't just cigarettes . . .

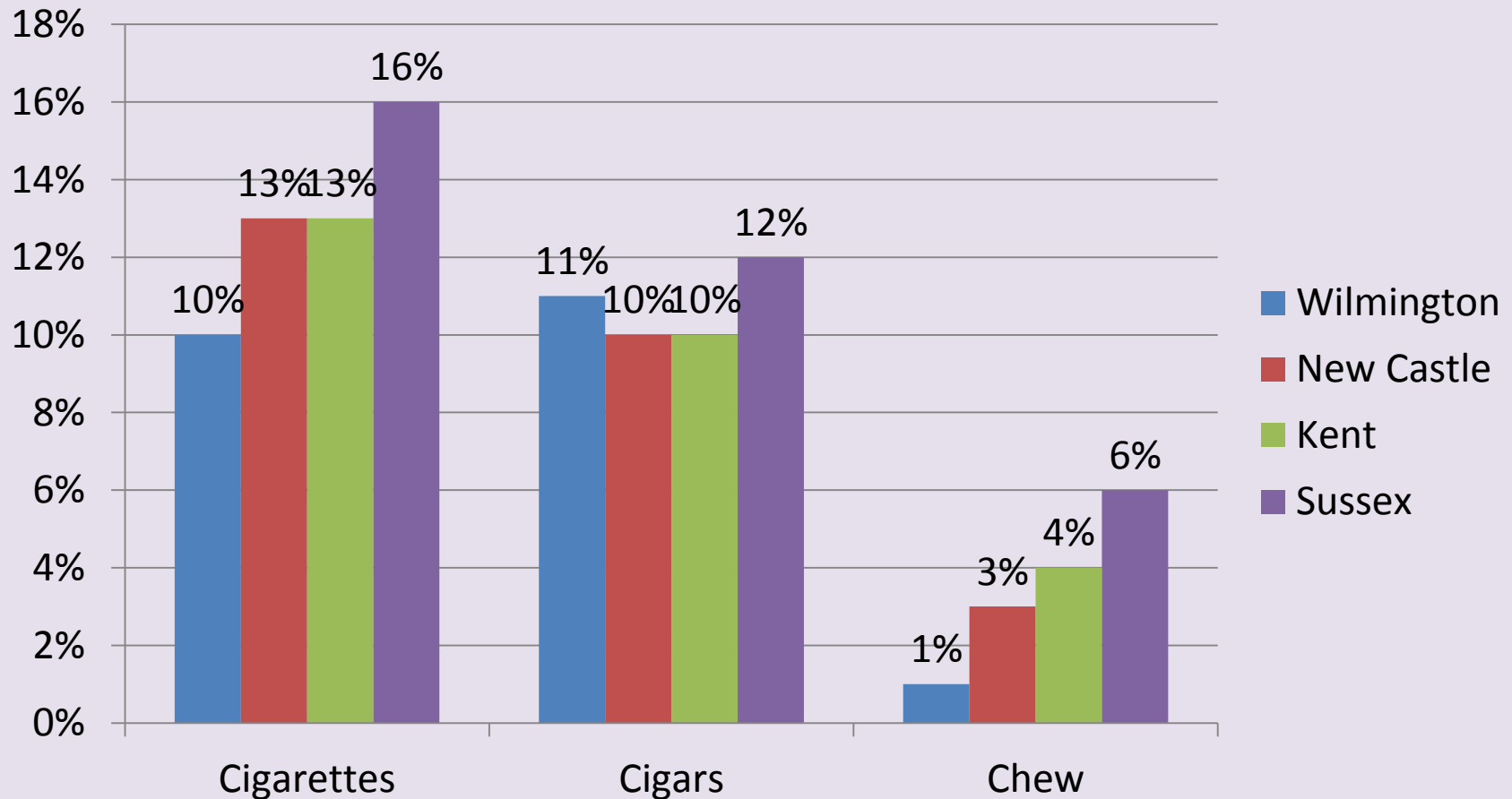


8th Grade, 2011

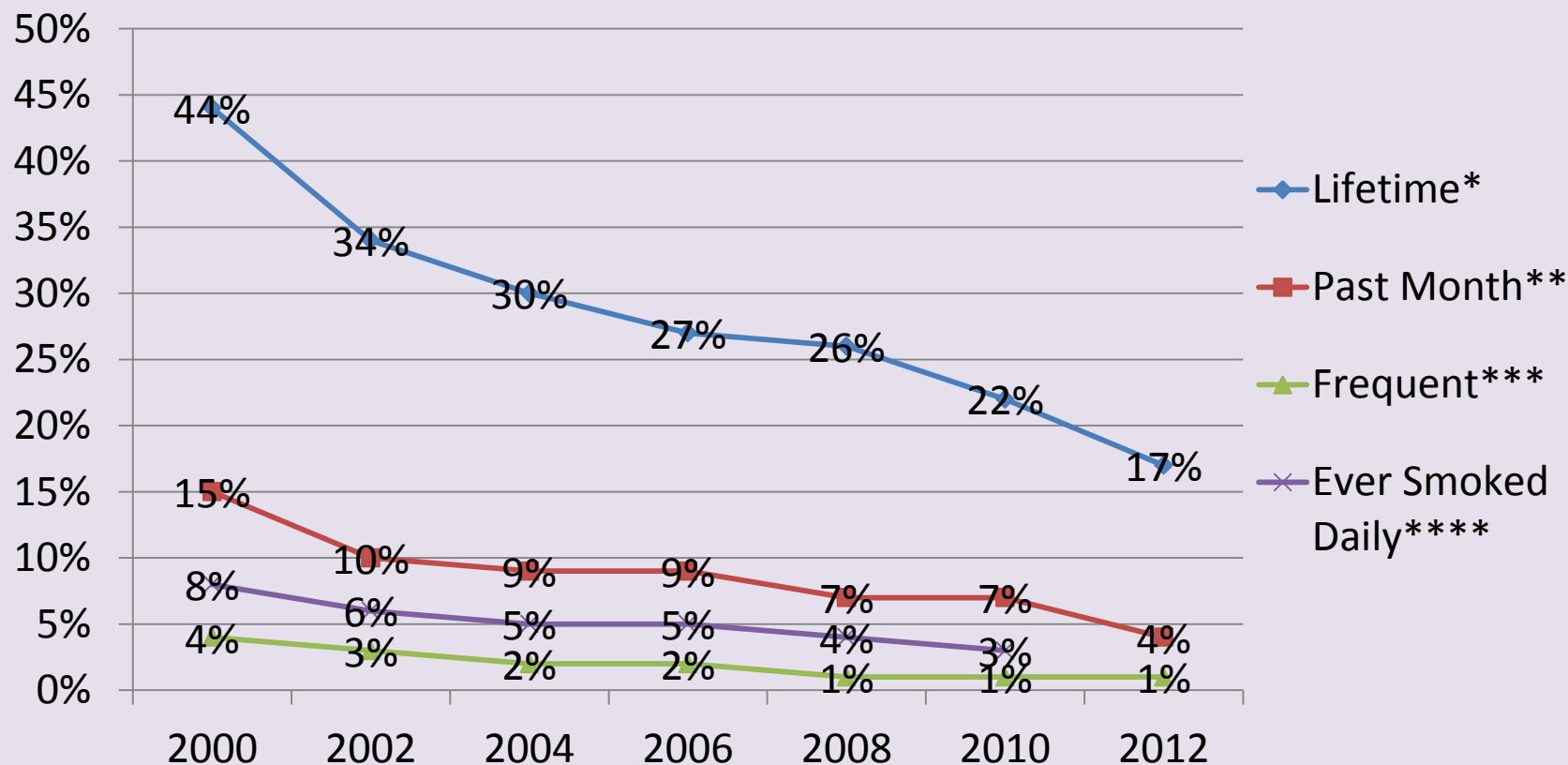
Past 30-day Tobacco Use by Area



11th Grade, 2011: Past 30-day Tobacco Use by Area



Middle School Cigarette Trends, 2000-2012

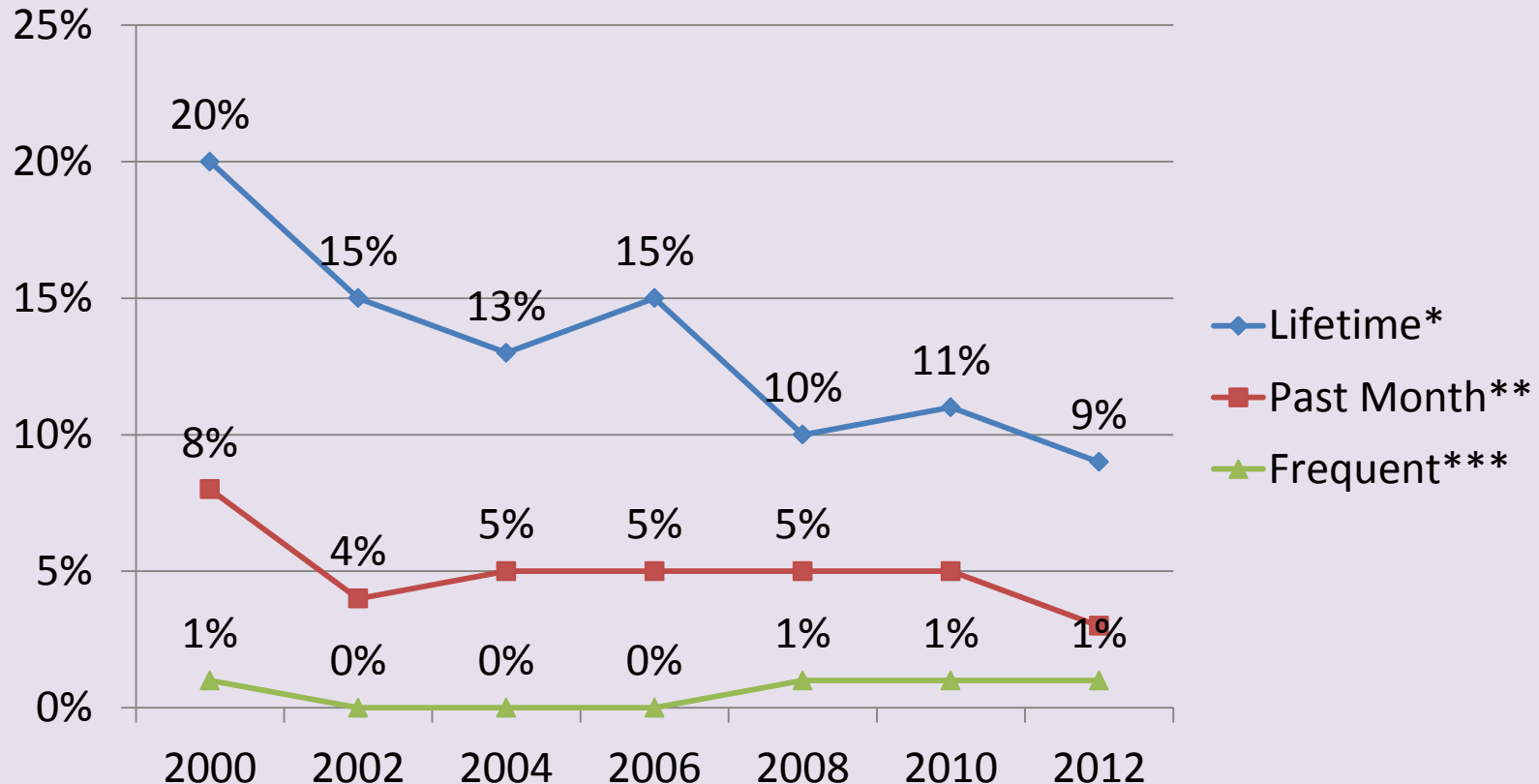


*Lifetime is defined as ever trying substance. **Past month is defined as using the substance on 1 or more days in the past 30 days. ***Frequent Use is defined as using the substance on 20+ days of the last 30 days.

****Question not asked in 2012



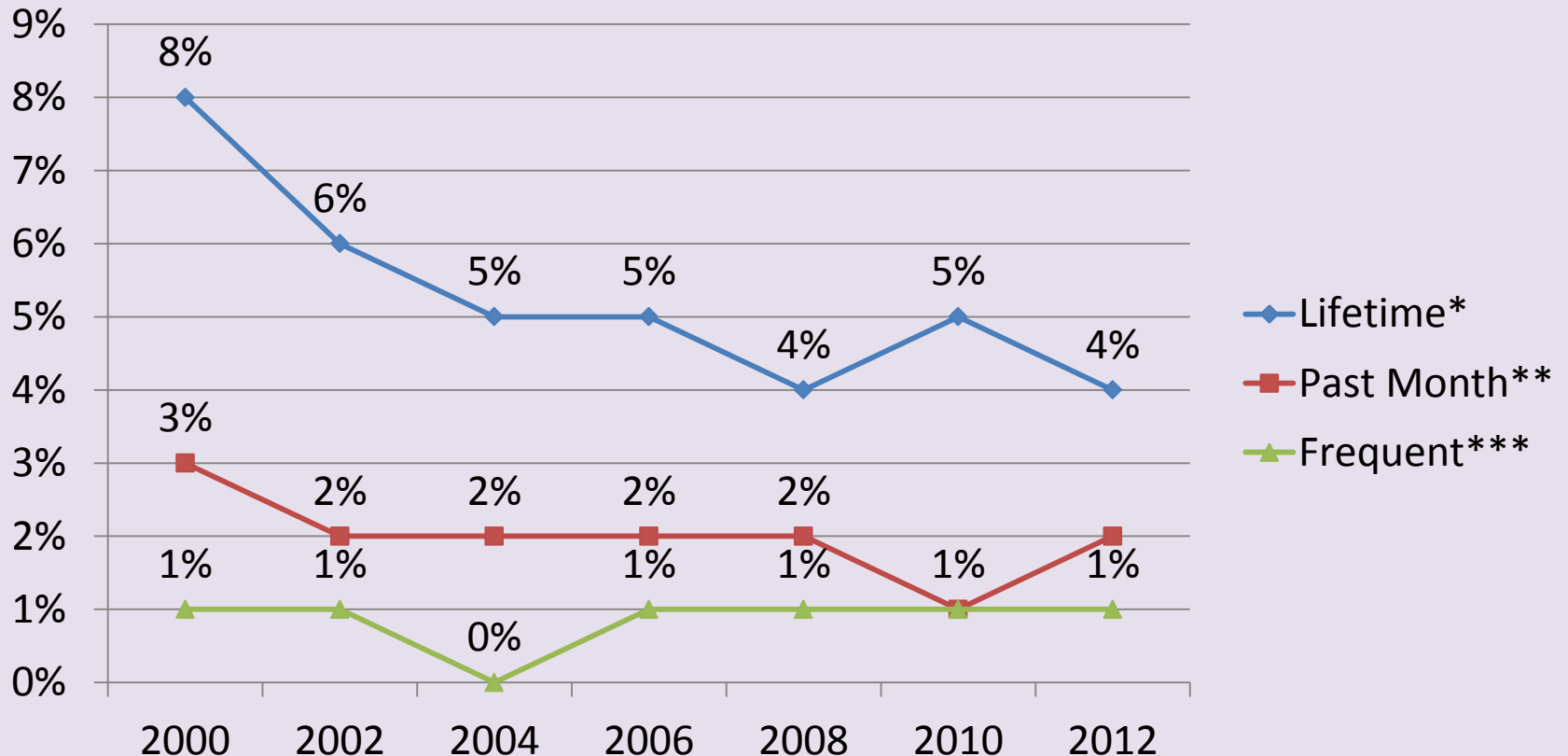
Middle School Cigar Trends, 2000-2012



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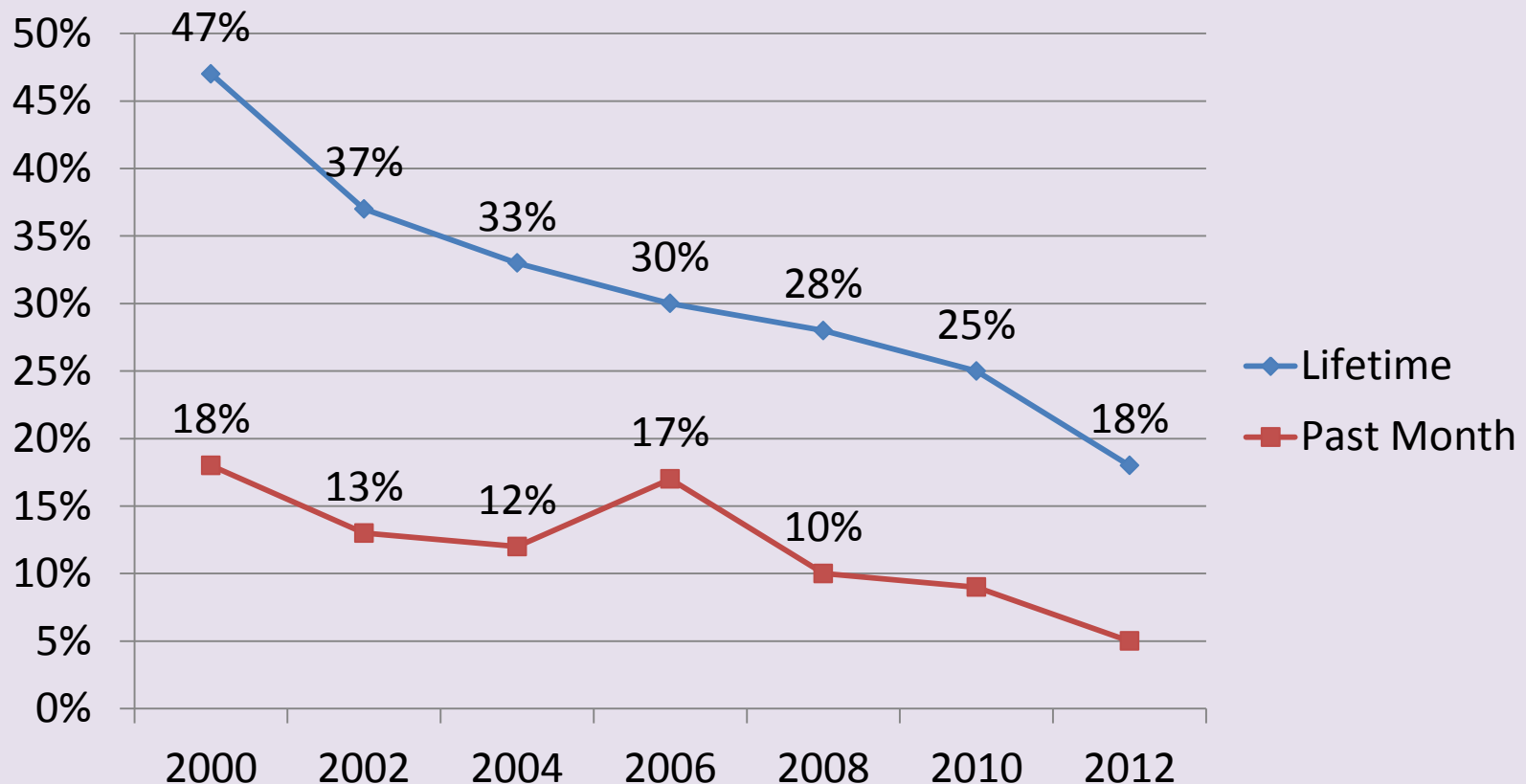
Middle School Smokeless Tobacco Trends, 2000-2012



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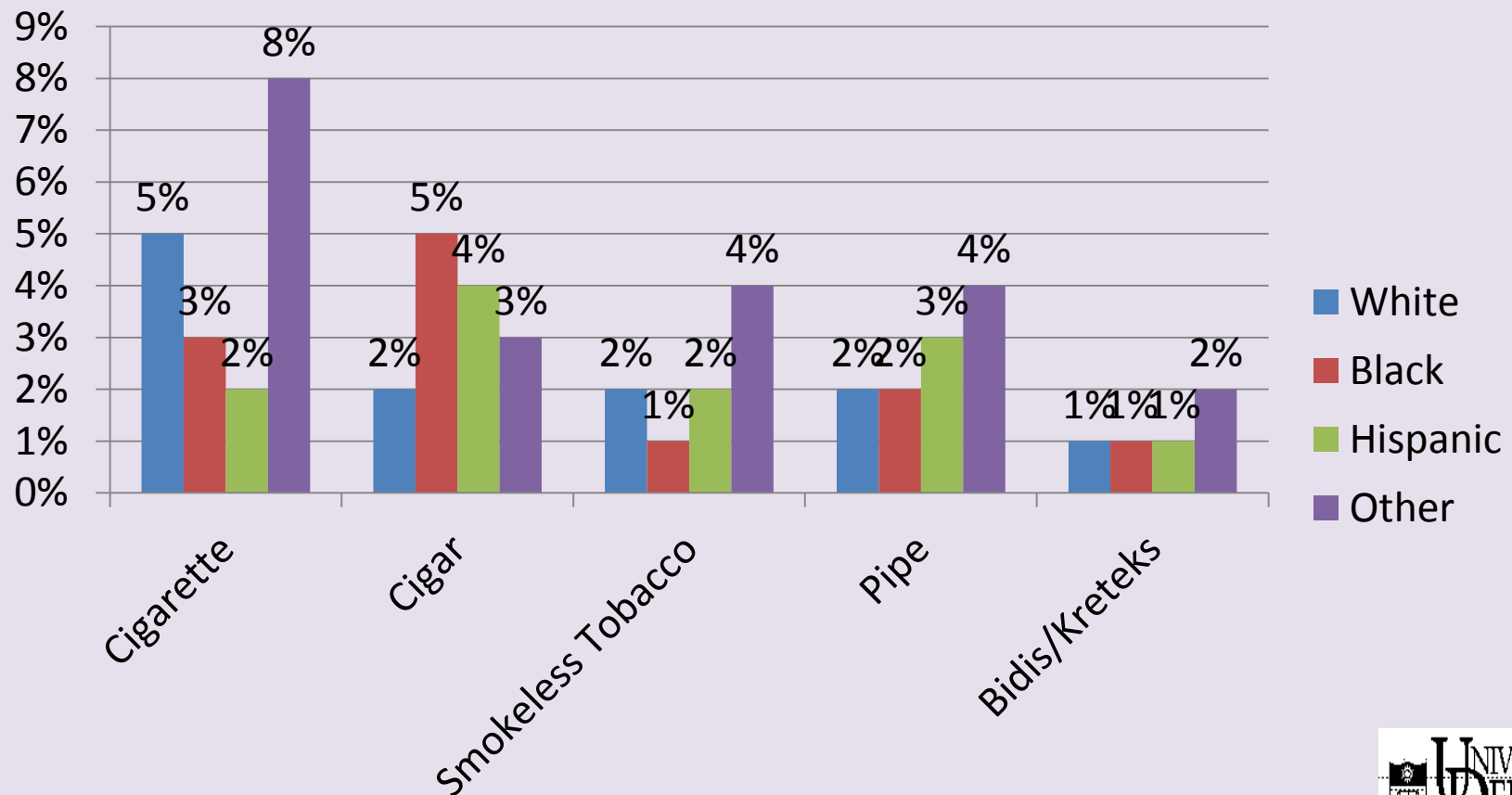


Middle School Tobacco Use (Any Type) Trend, 2000-2012*



*Includes cigarettes, cigars, smokeless tobacco, bidis, and kreteks

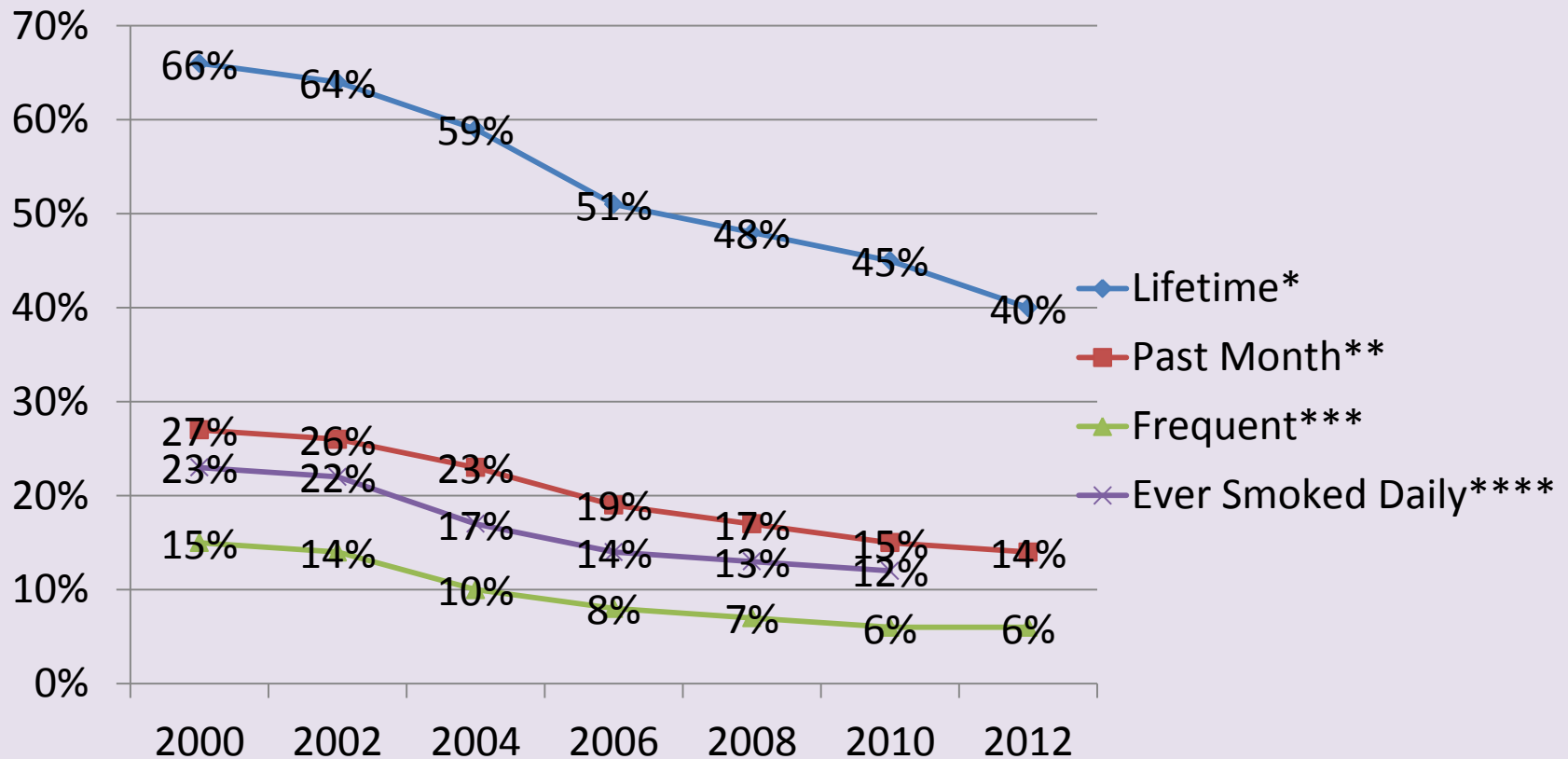
Middle School Tobacco Use, by Race and Tobacco Type, Past 30 Days



Source: Delaware Youth Tobacco Survey, 2012, Delaware Division of Public Health



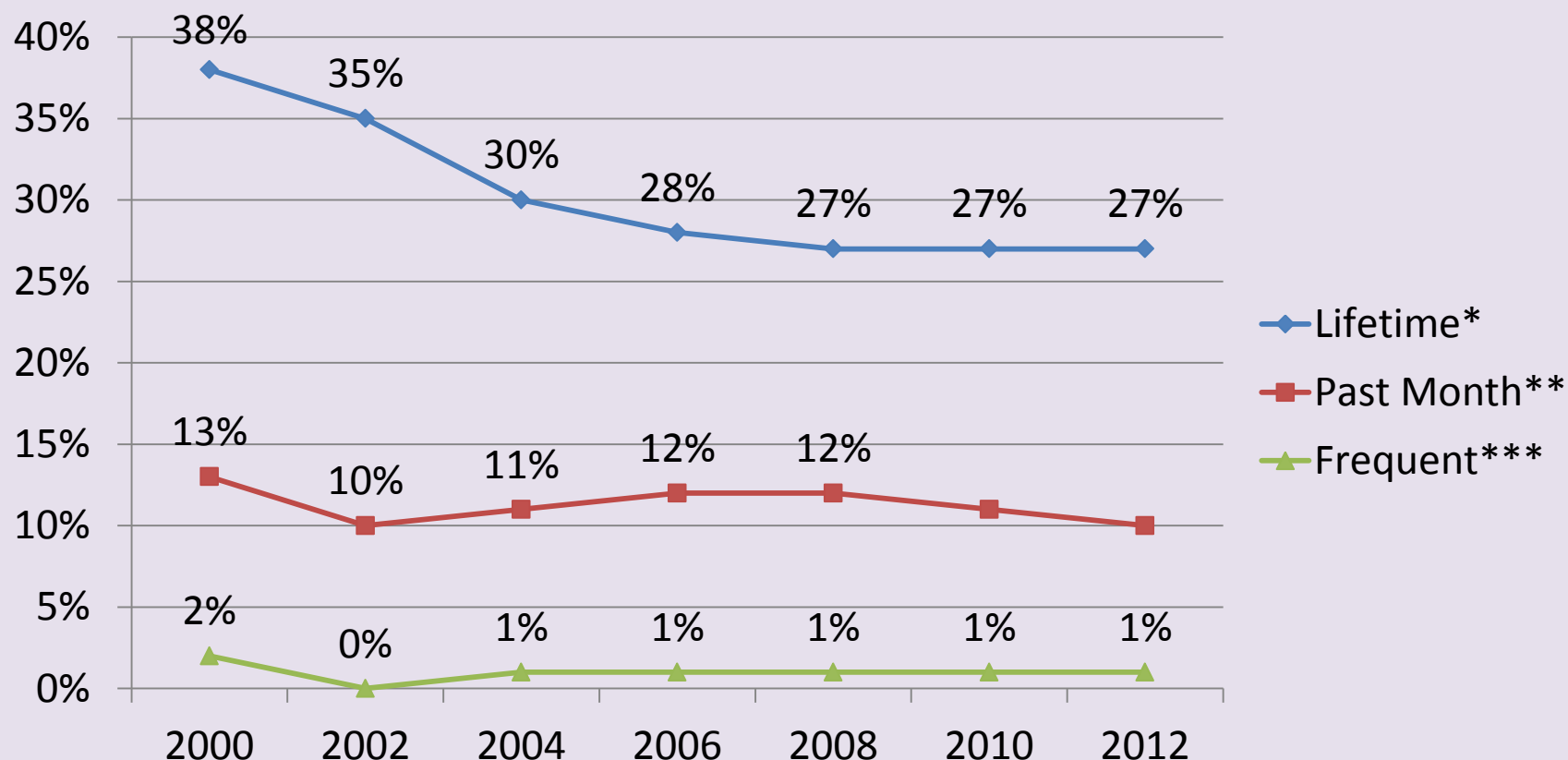
High School Cigarette Trends, 2000-2012



*Lifetime is defined as ever trying substance. **Past month is defined as using the substance on 1 or more days in the past 30 days. ***Frequent Use is defined as using the substance on 20+ days of the last 30 days. ****Question not asked in 2012



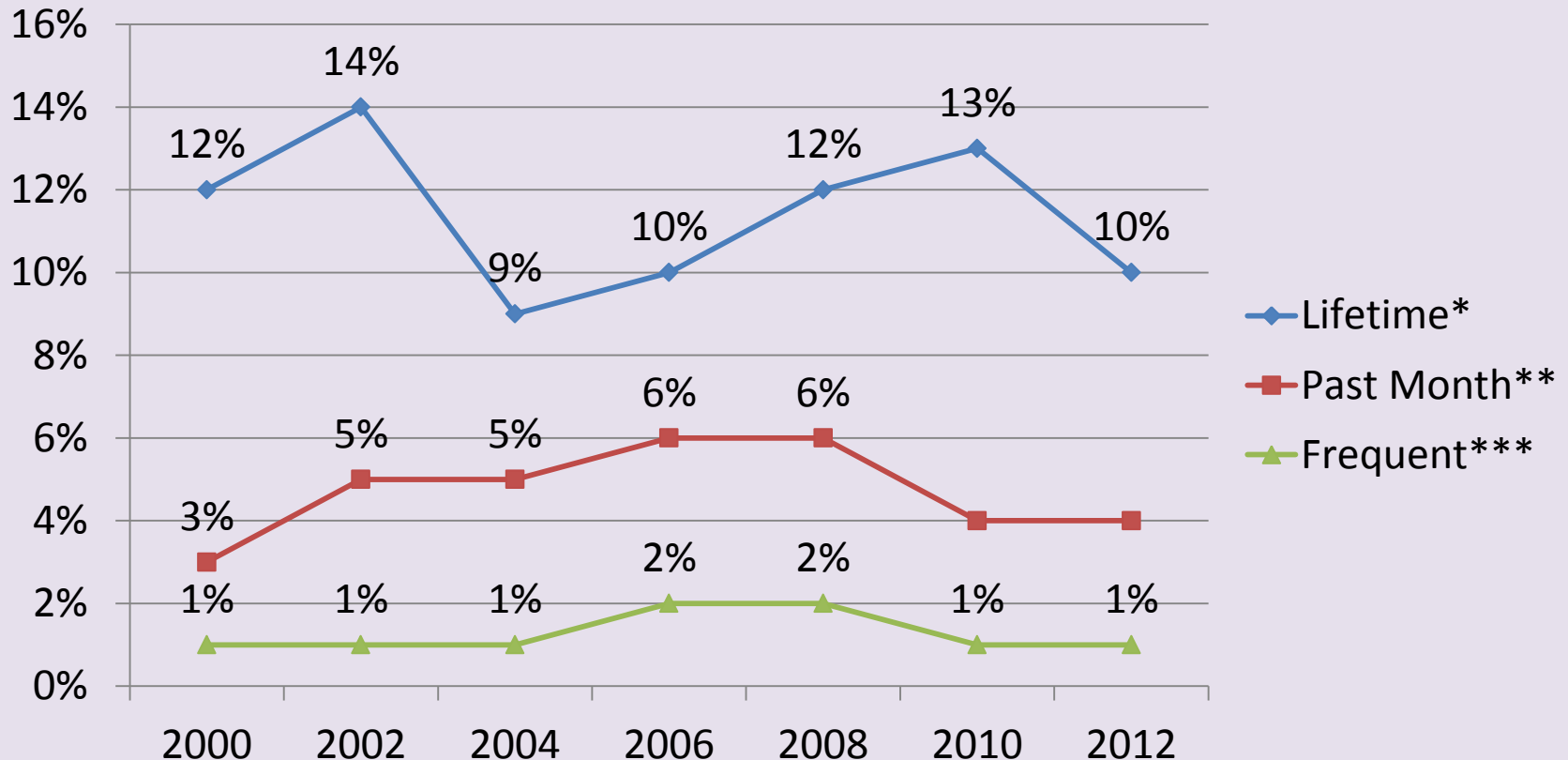
High School Cigar Trends, 2000-2012



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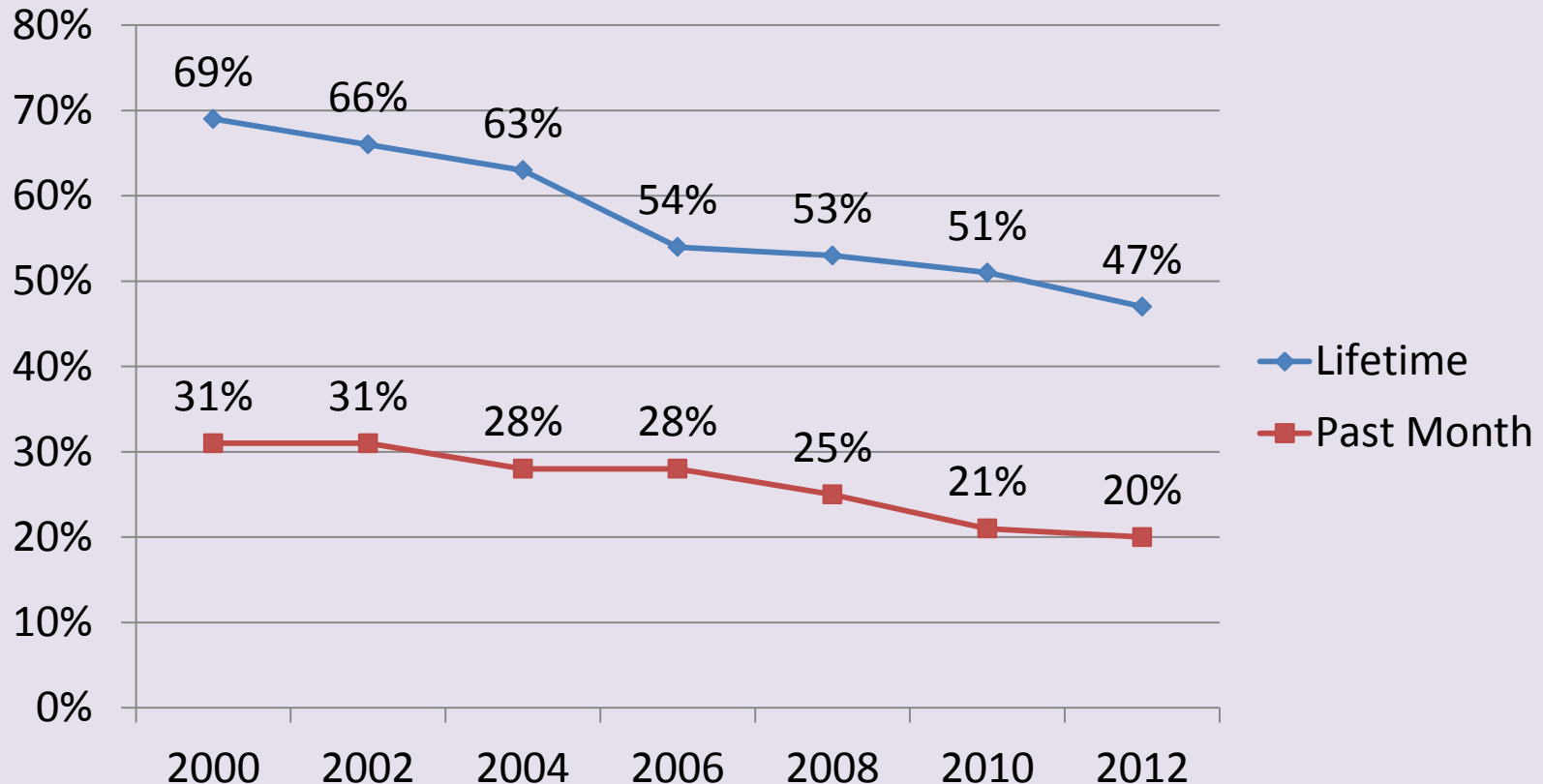
High School Smokeless Tobacco Trends, 2000-2012



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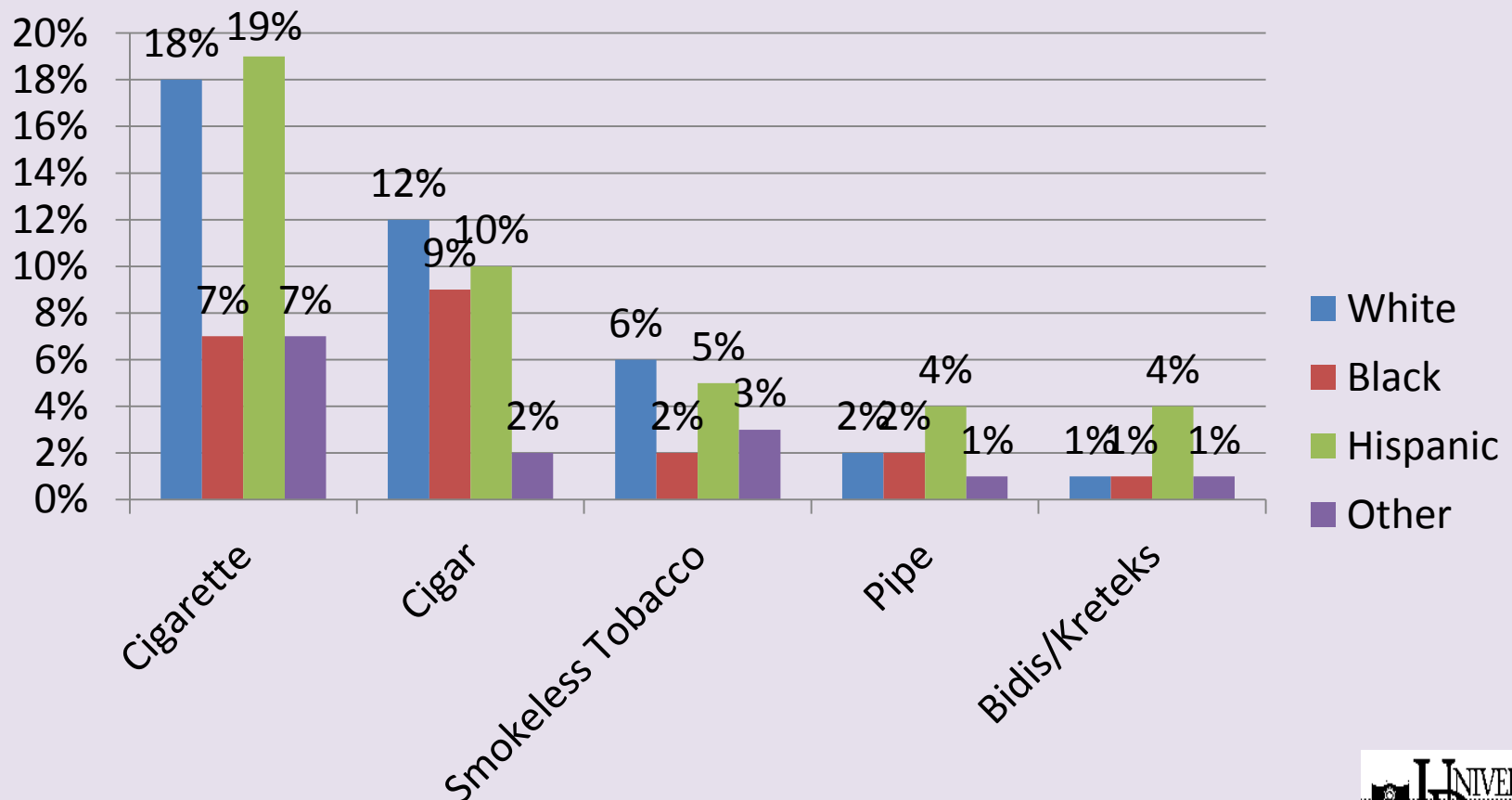


High School Tobacco Use (Any Type) Trend, 2000-2012*



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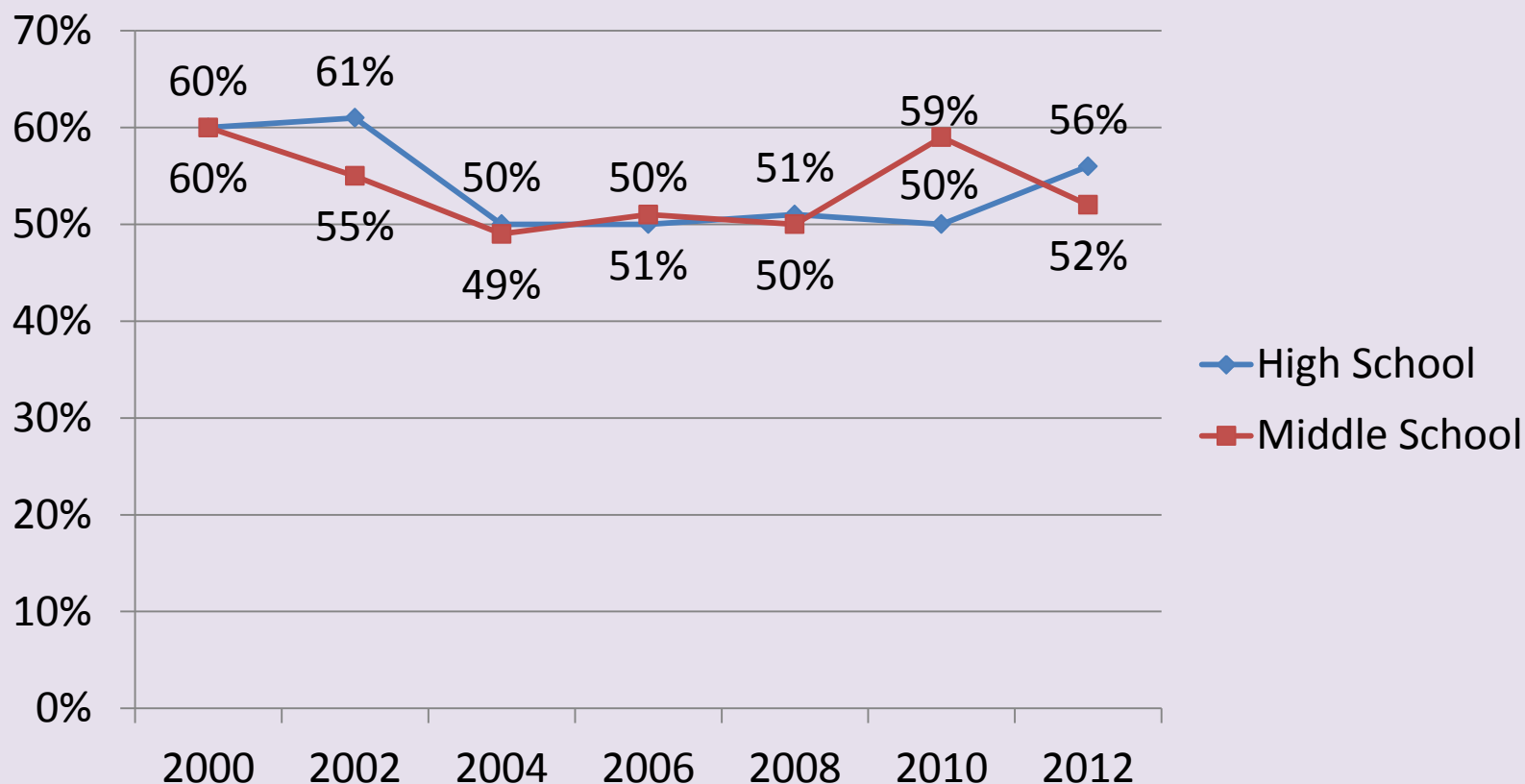
High School Tobacco Use, by Race and Tobacco Type, Past 30 Days



Source: Delaware Youth Tobacco Survey, 2012, Delaware Division of Public Health

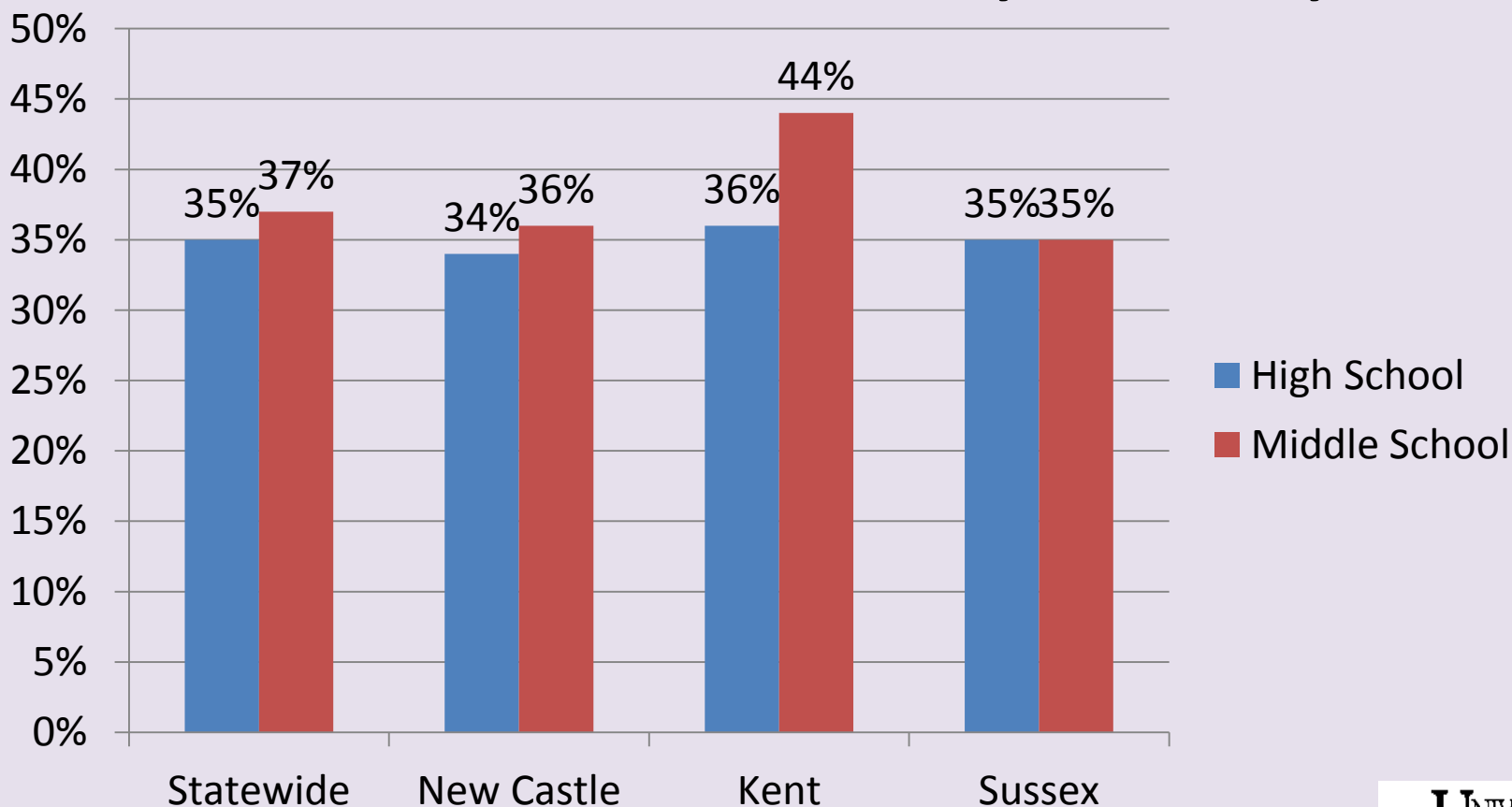


Trends in Current Smokers* Who Tried to Quit in the past 12 months



*Current Smokers are those who have smoked in the past 30 days

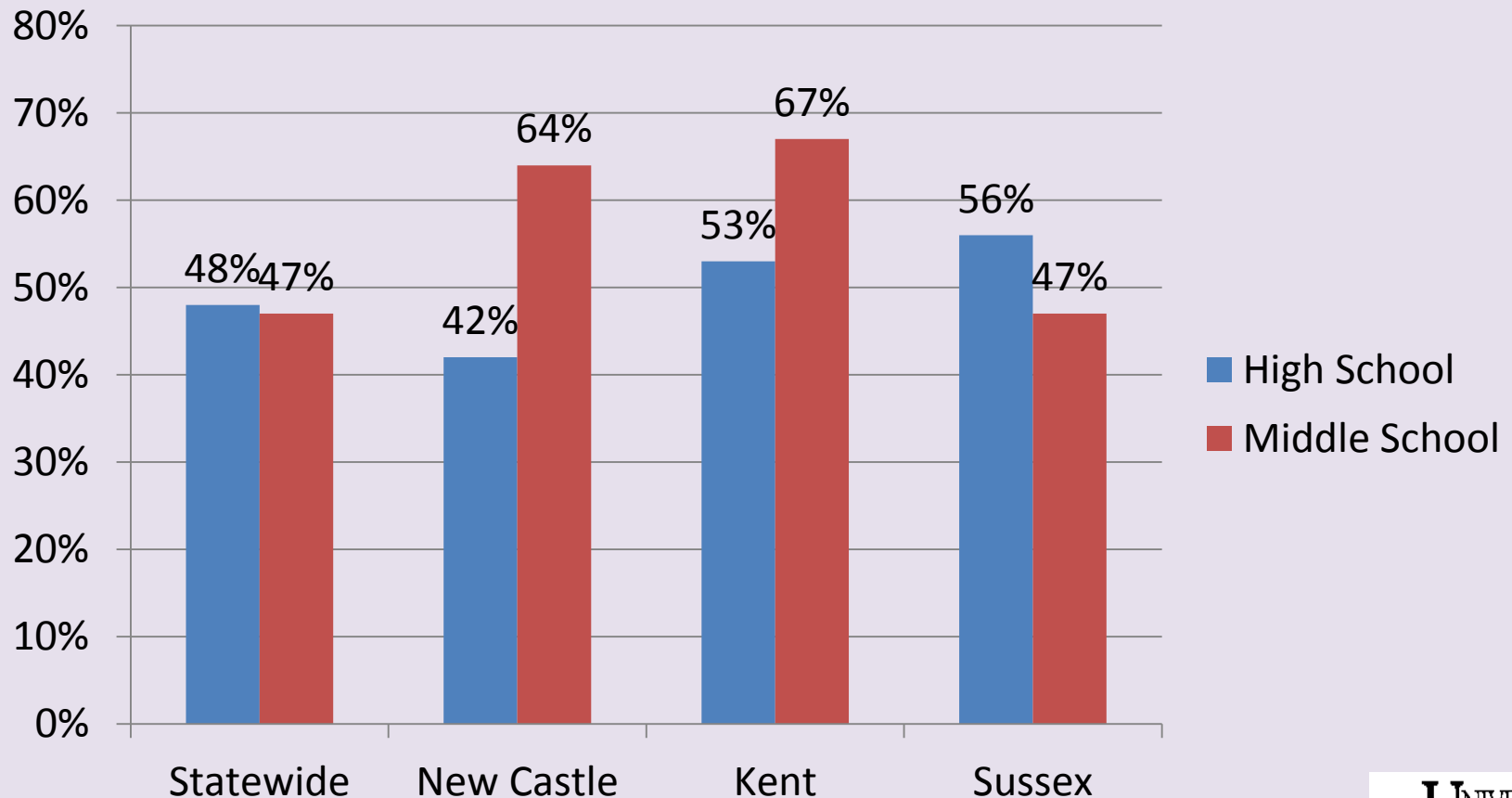
Percent of Delaware Students who are Current Smokers and Want to Quit, by County



Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



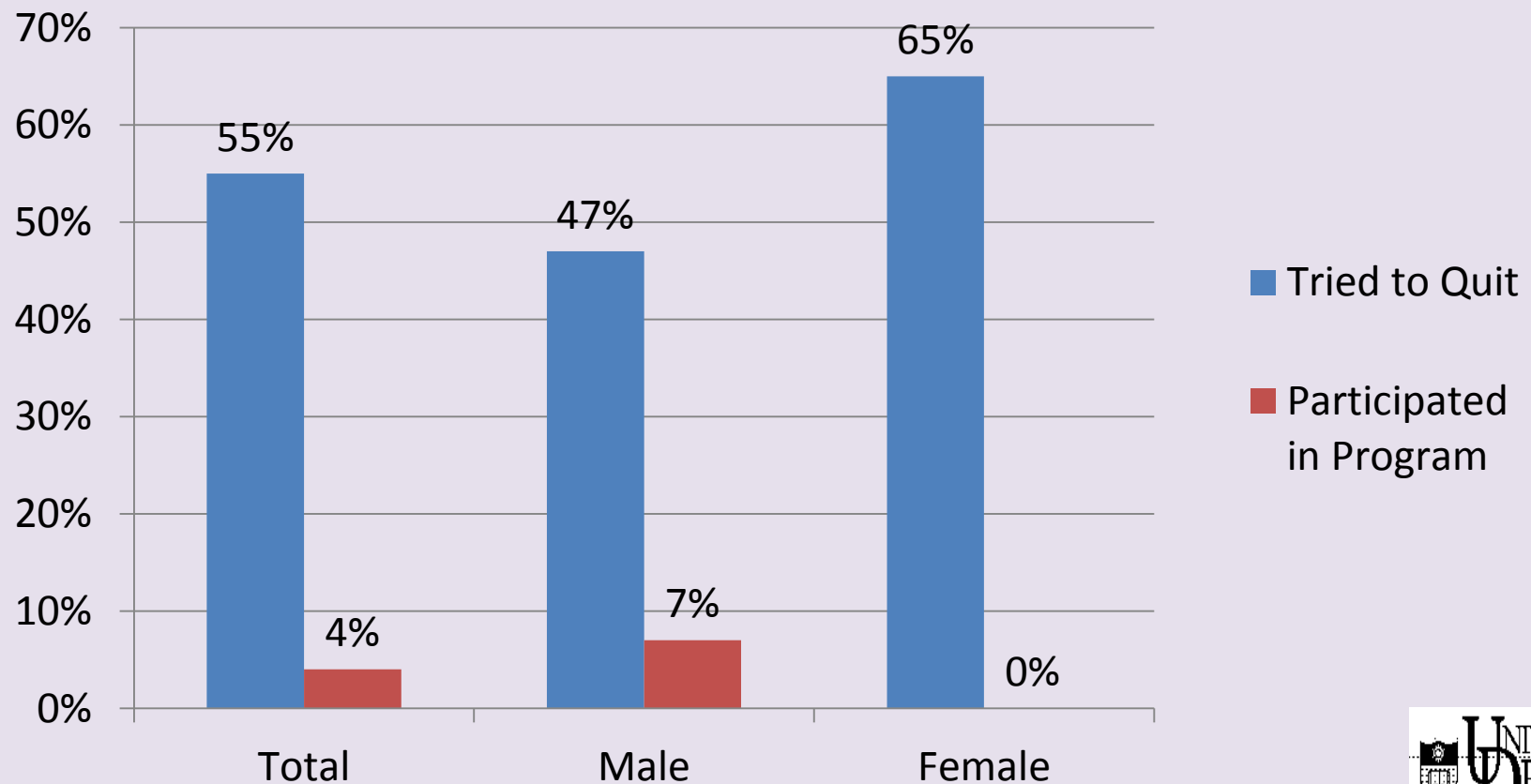
Percent of Delaware Students who are Current Smokers and have tried to Quit in the Past Year, by County



Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



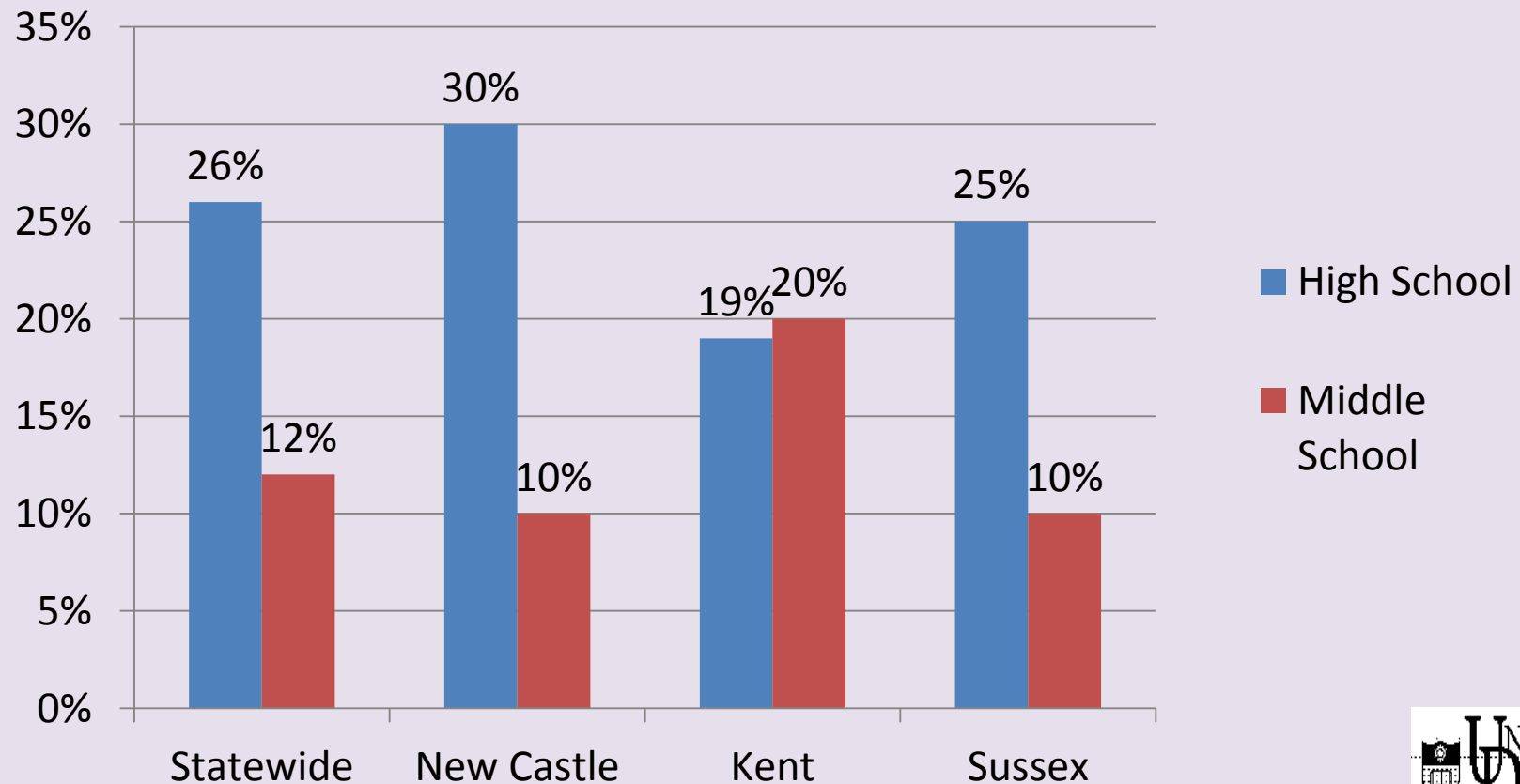
Delaware Middle School Students who are Current Smokers who have tried to quit or participated in a program



Source: Delaware Youth Tobacco Survey, 2012, Delaware Division of Public Health



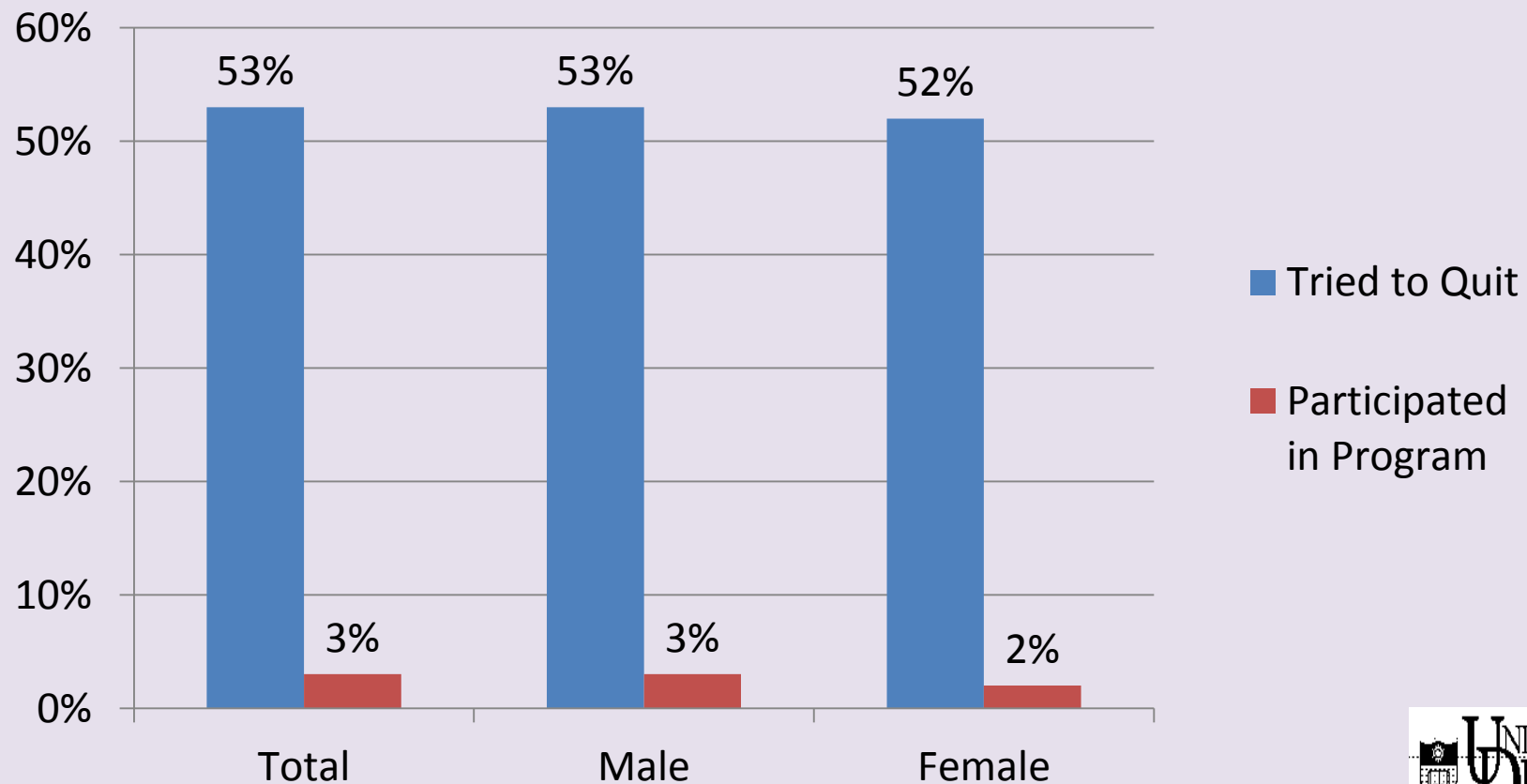
Delaware Middle School Students who have smoked daily for 30 days in the Past but have not smoked in the Past 30 days



Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



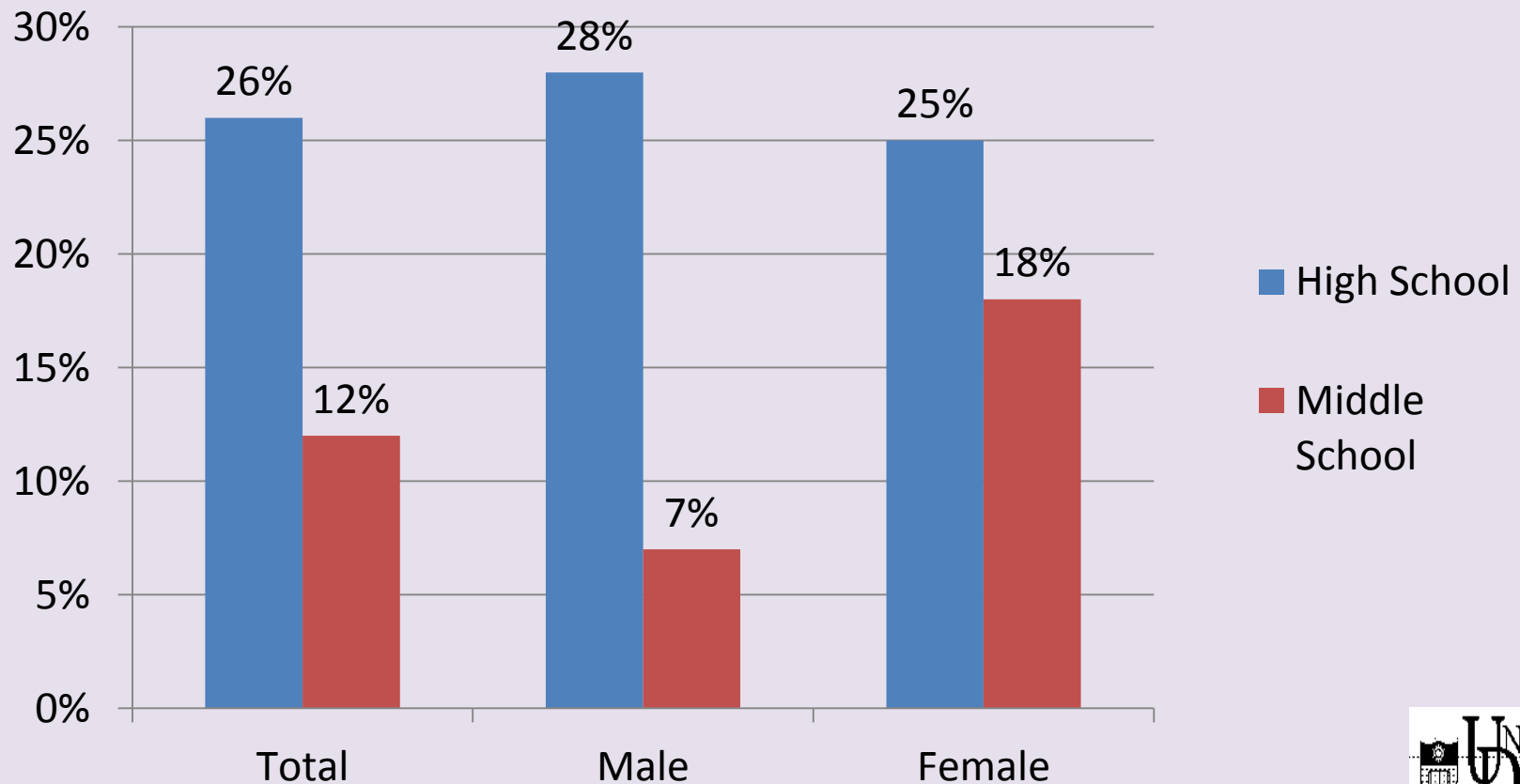
Delaware High School Students who are Current Smokers who have tried to quit or participated in a program



Source: Delaware Youth Tobacco Survey, 2012, Delaware Division of Public Health



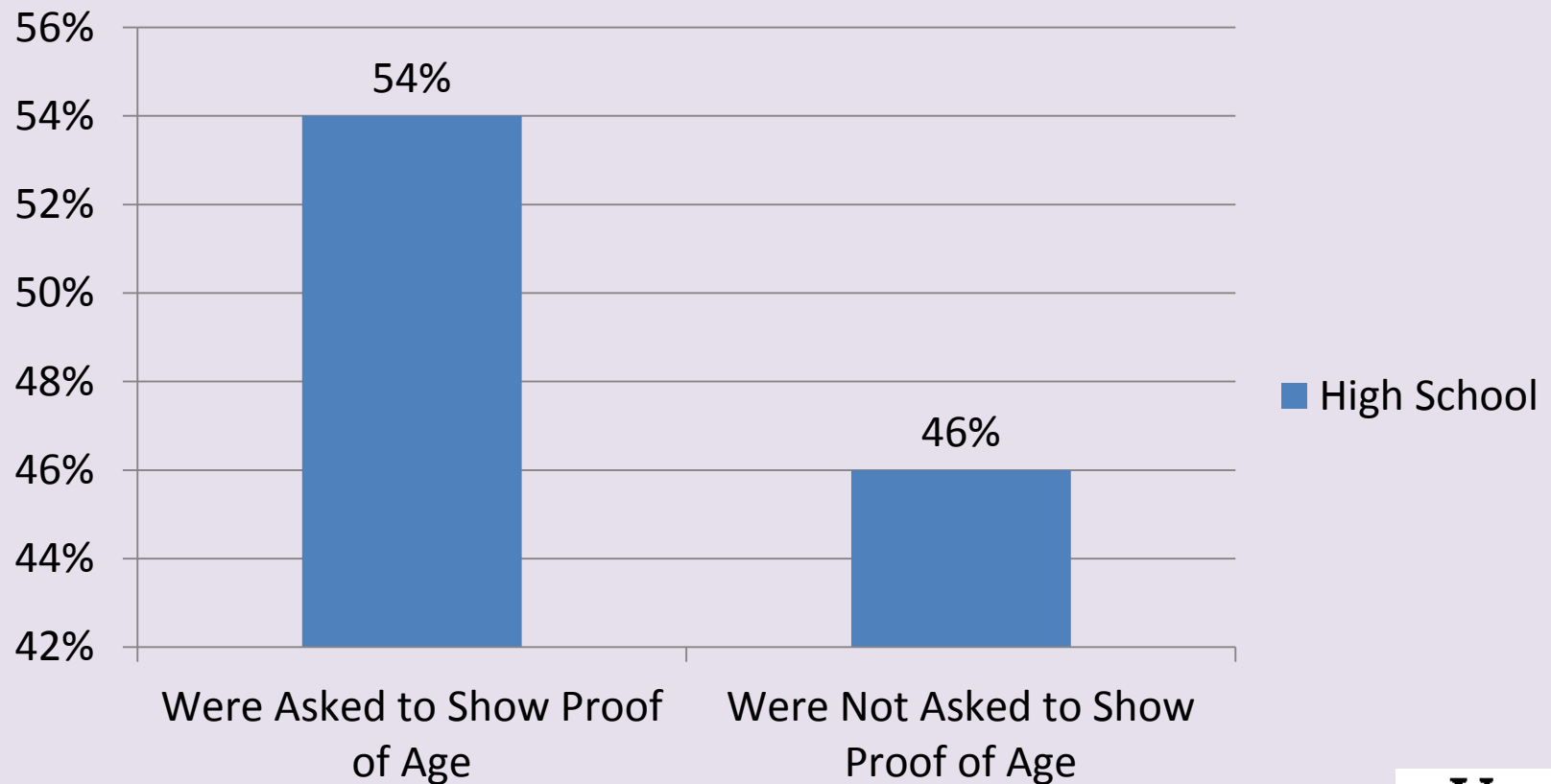
Delaware High School Students who have smoked daily for 30 days in the Past but have not smoked in the Past 30 days



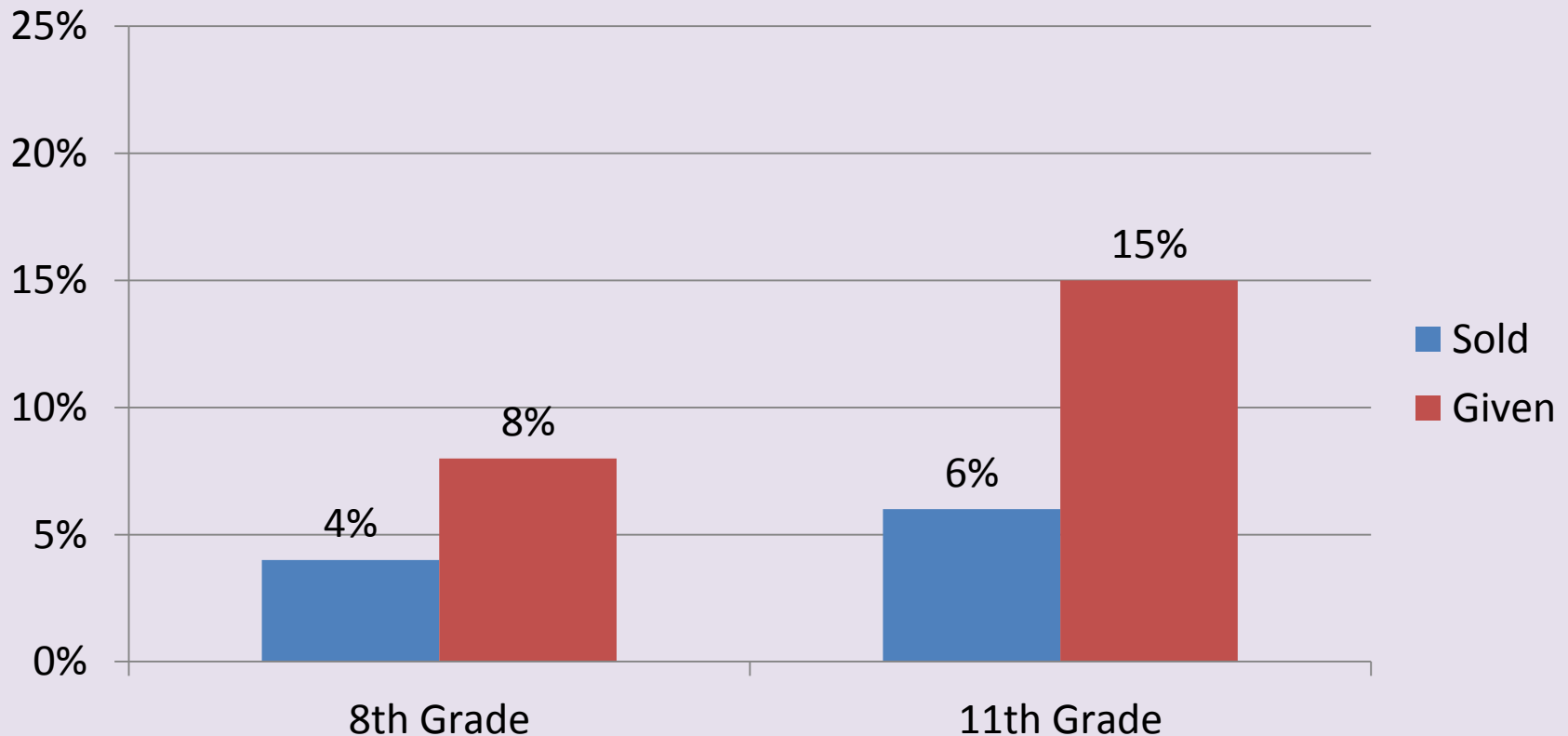
Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



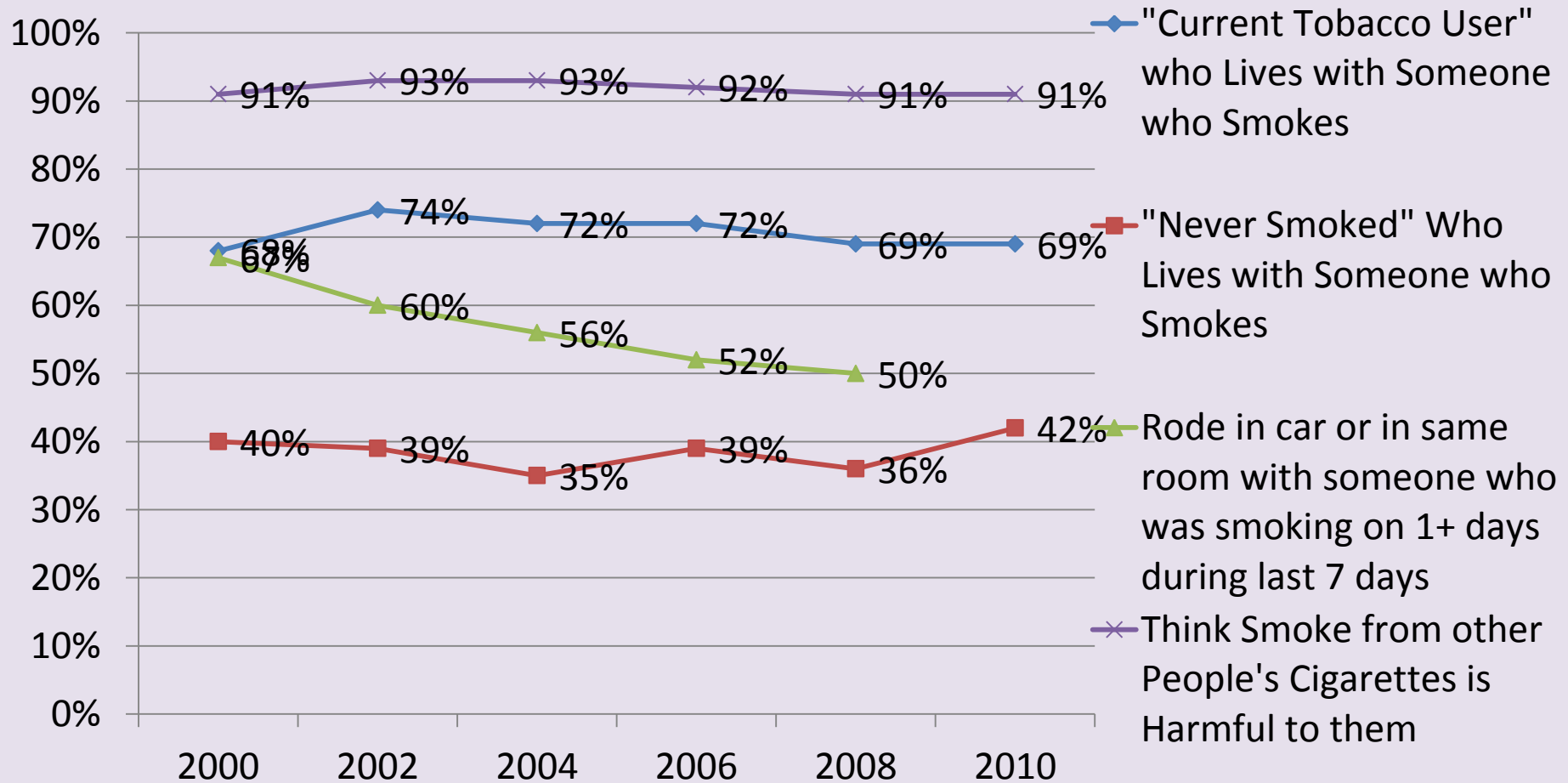
High School Students, under the age of 18, when buying cigarettes at a store in past 30 days



Sold or Gave Someone Cigarettes in the Past Year



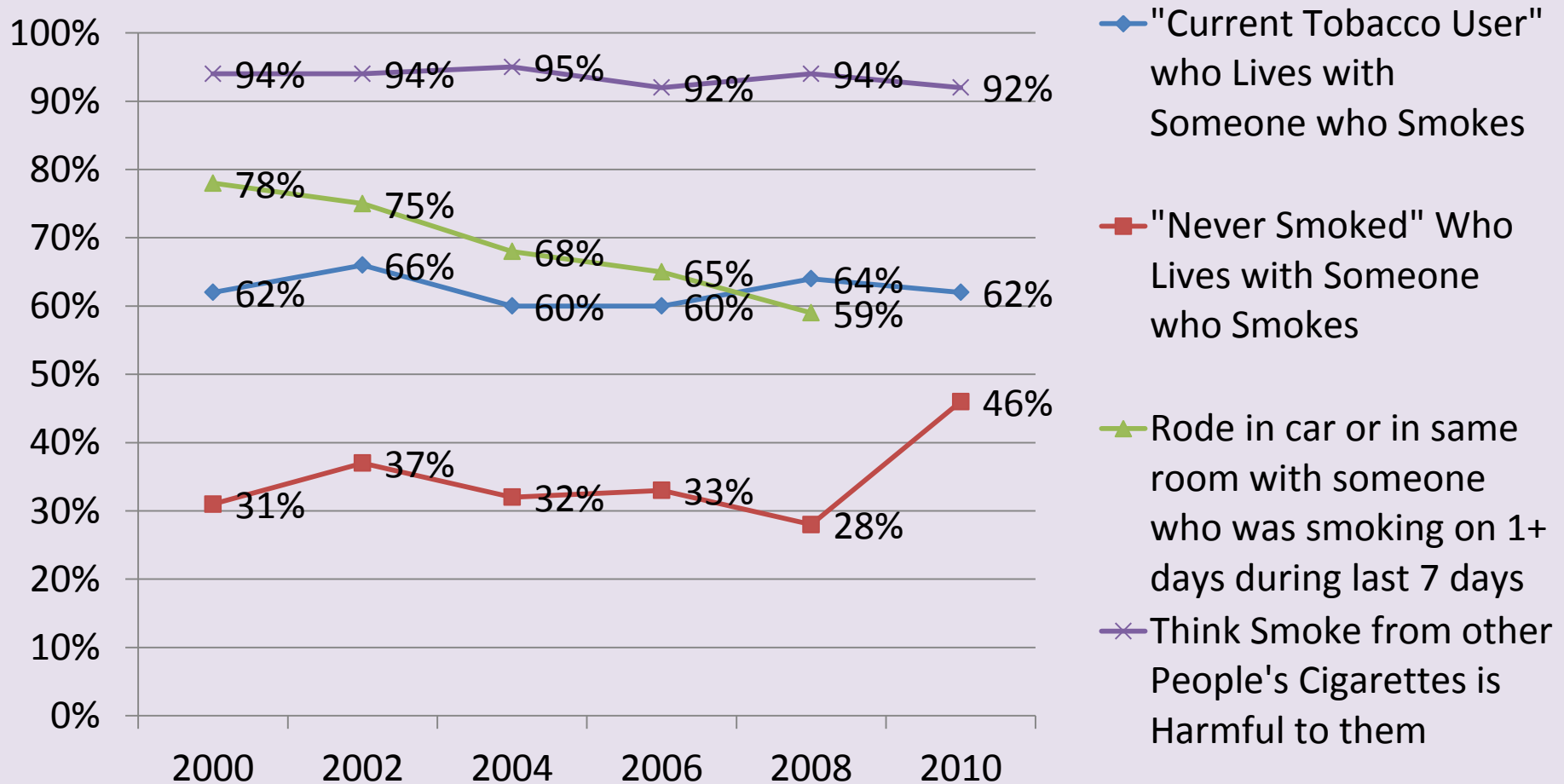
Middle School Smoke Exposure



Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



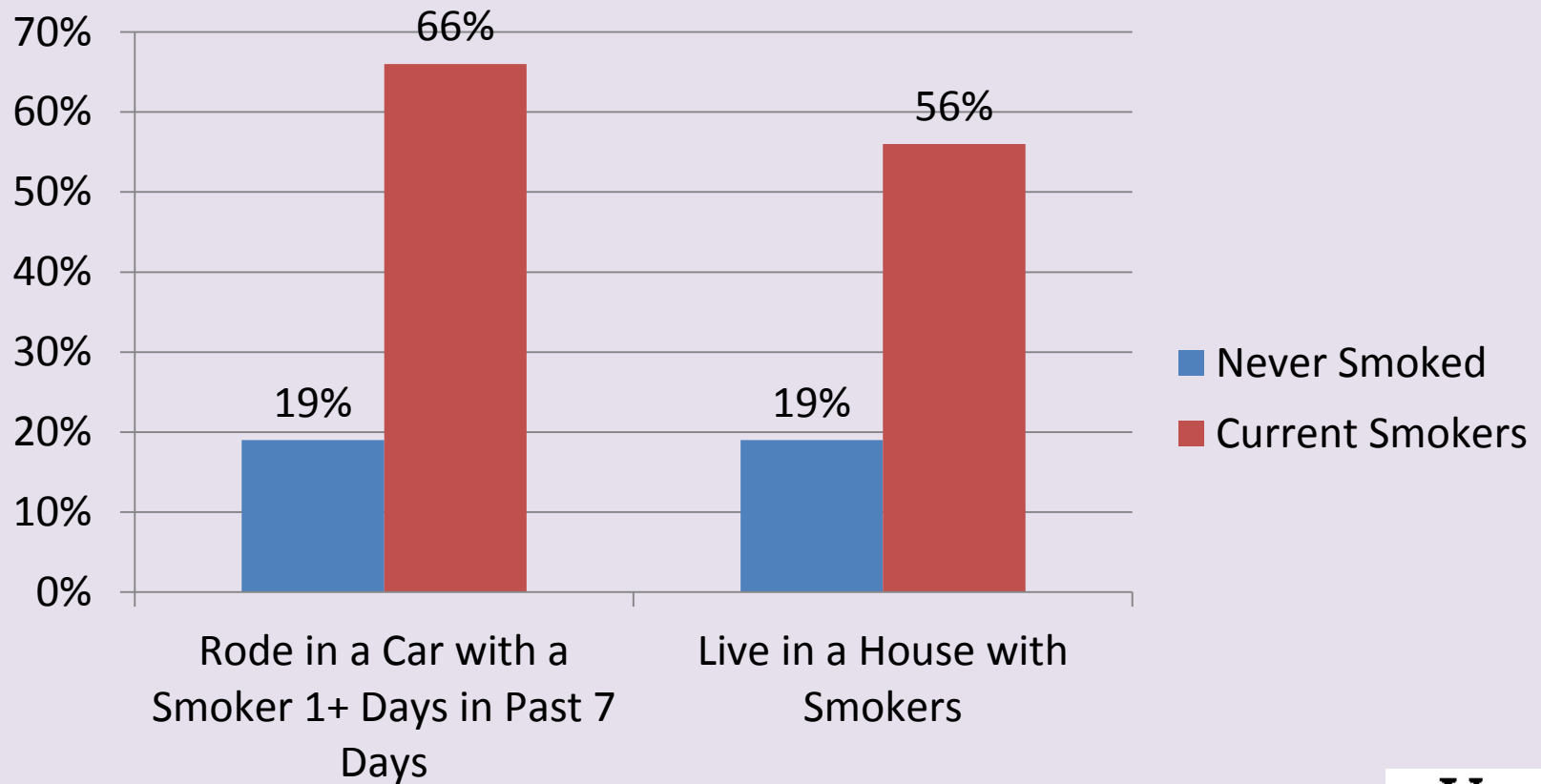
High School Smoke Exposure



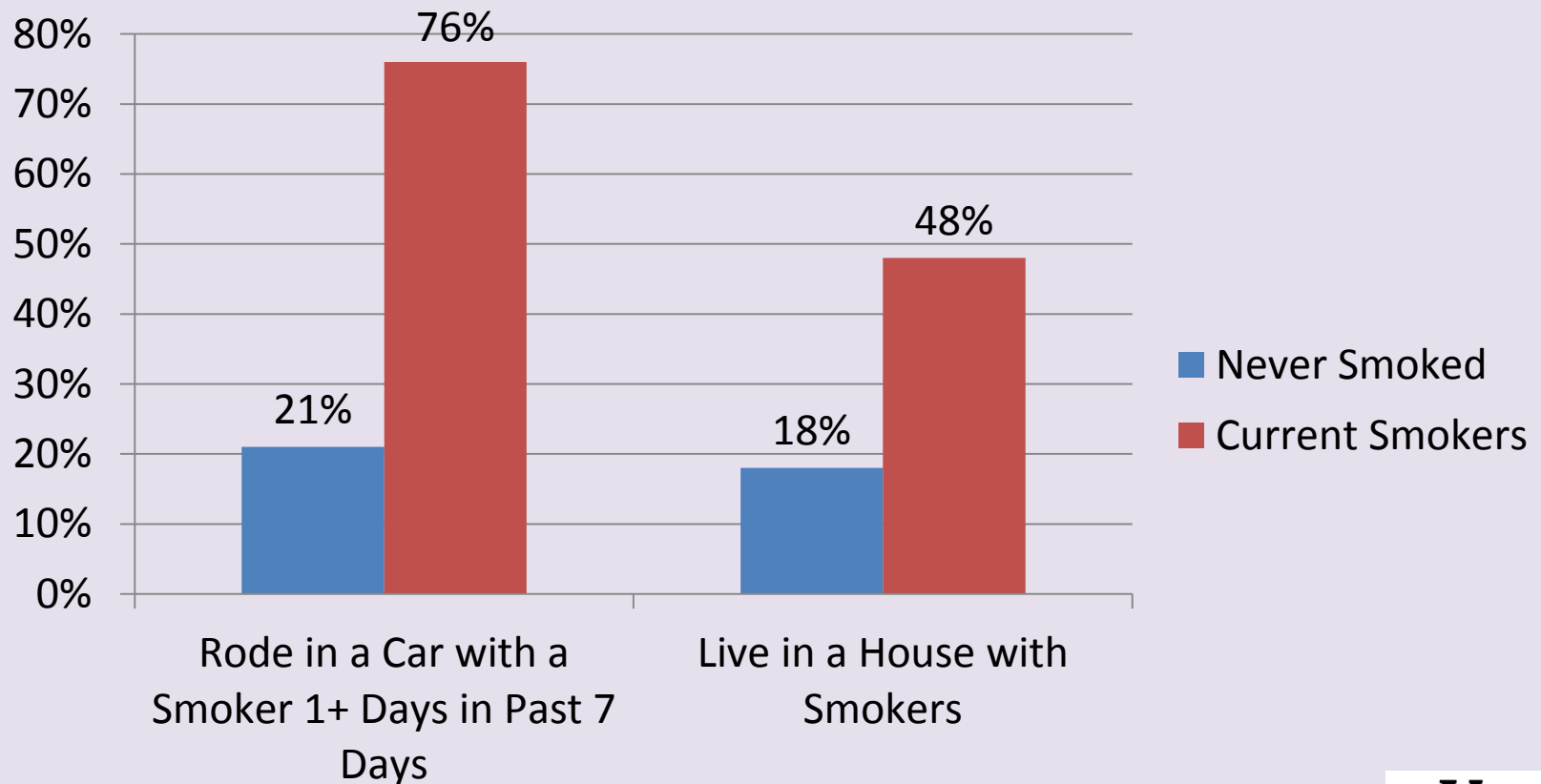
Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health



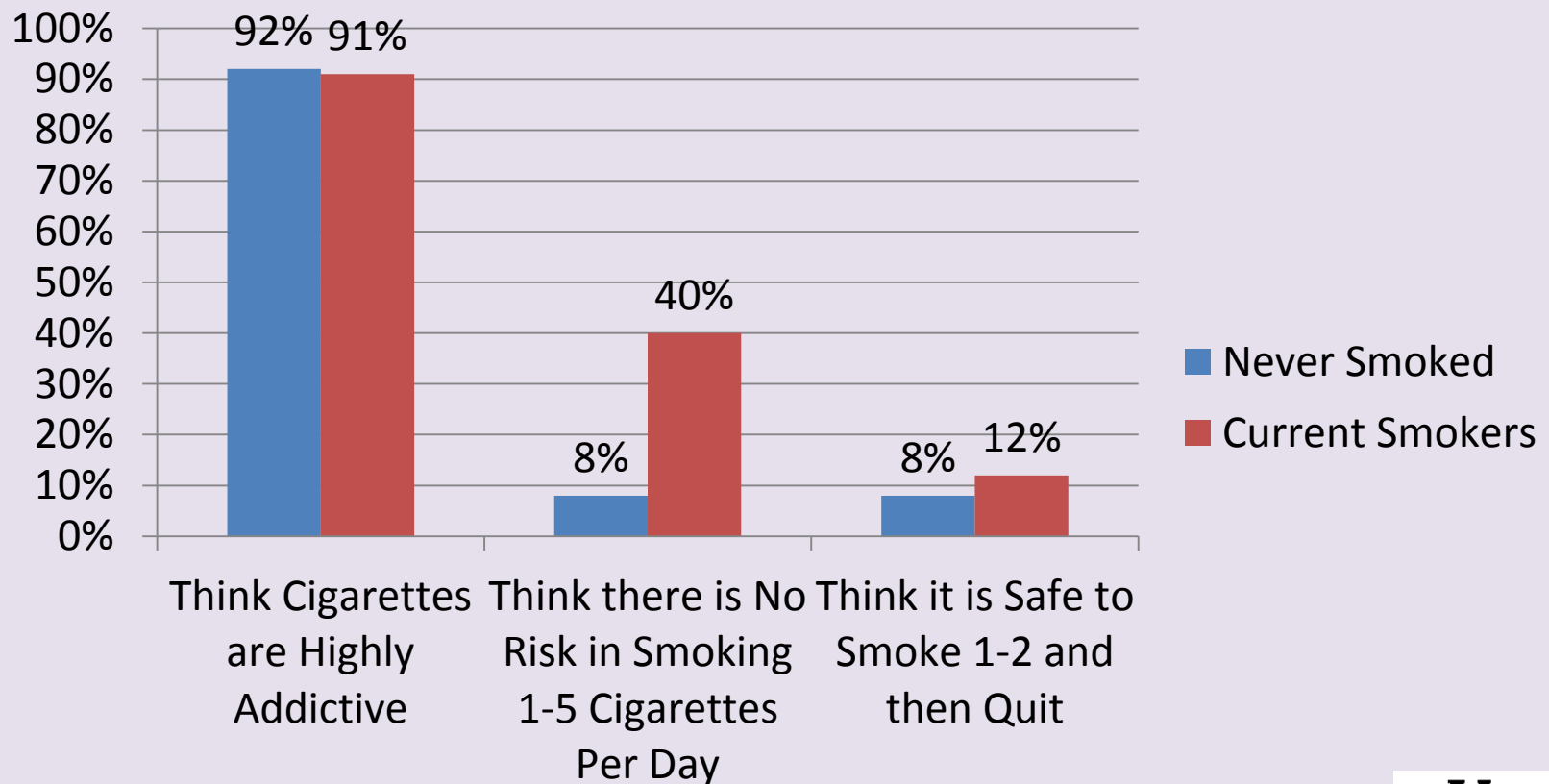
Middle School Students and Exposure to Smoke



High School Students and Exposure to Smoke



Perceptions of Risk among 2010 Delaware Middle School Students

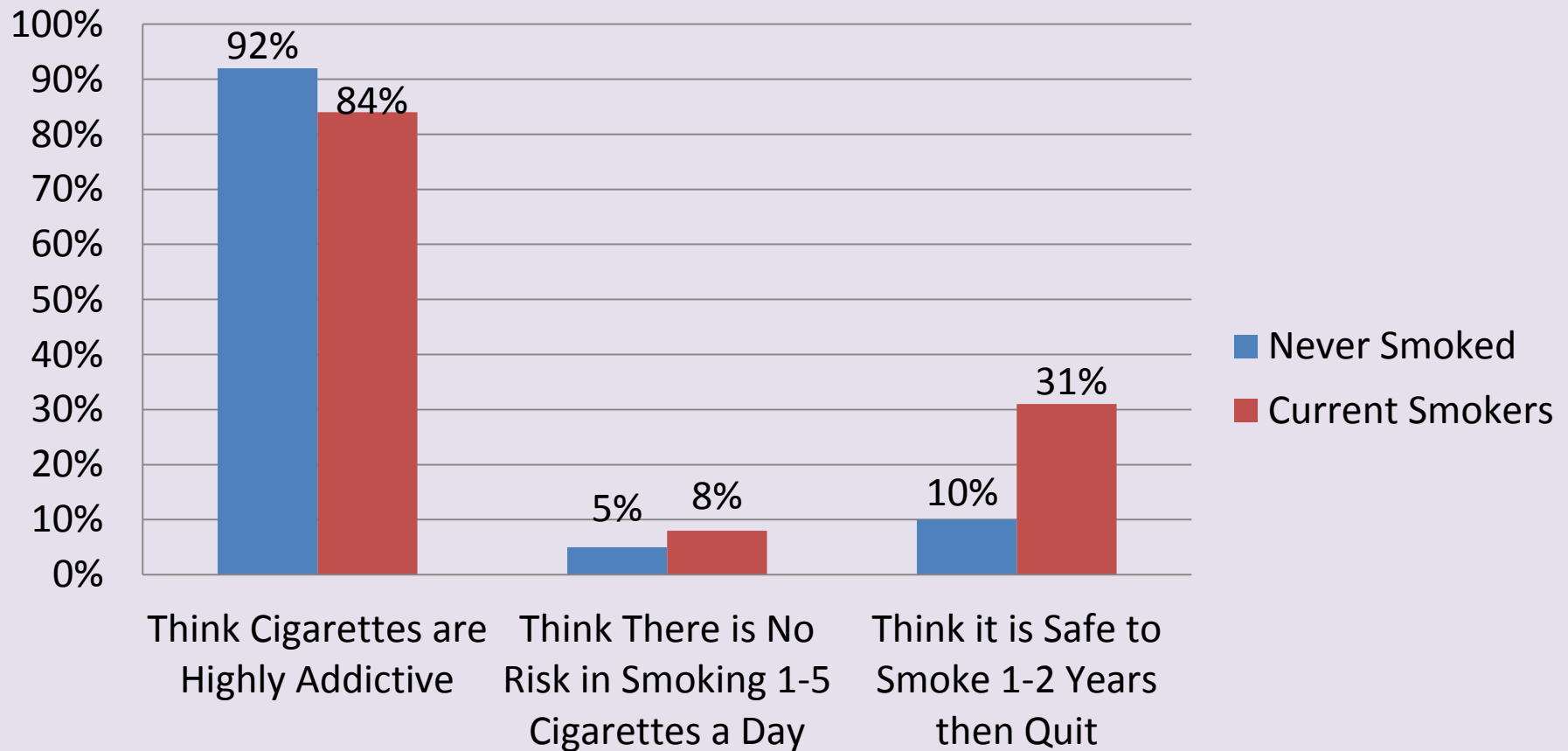


Source: Delaware Youth Tobacco Survey, 2010, Delaware Division of Public Health

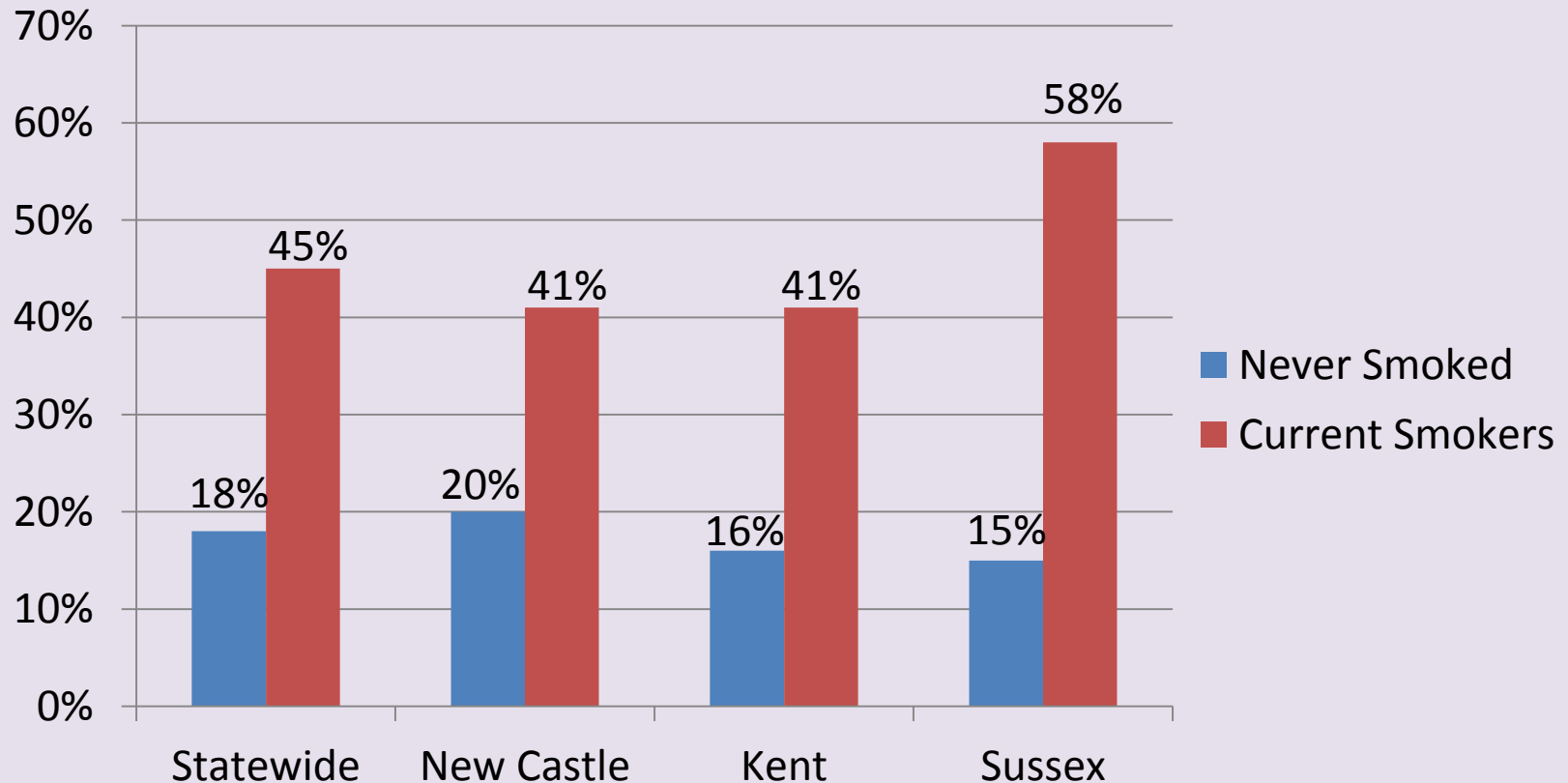
*Data reflects the last year that these questions were asked



Perceptions of Risk among 2010 Delaware High School Students



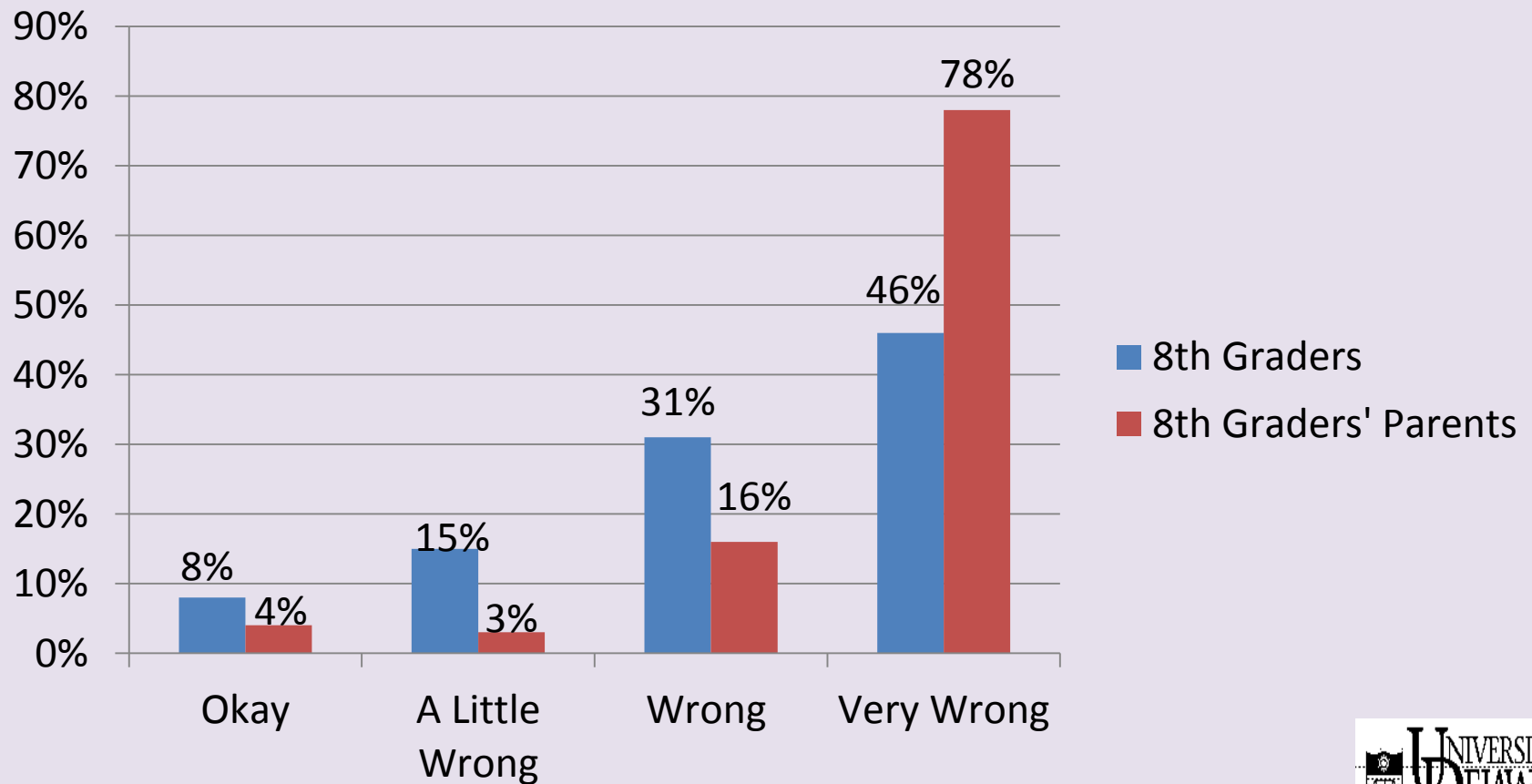
Percent of 2010 DE Middle School Students who think Young People who Smoke have more Friends



Percent of 2010 DE High School Students who think Young People who Smoke have more Friends



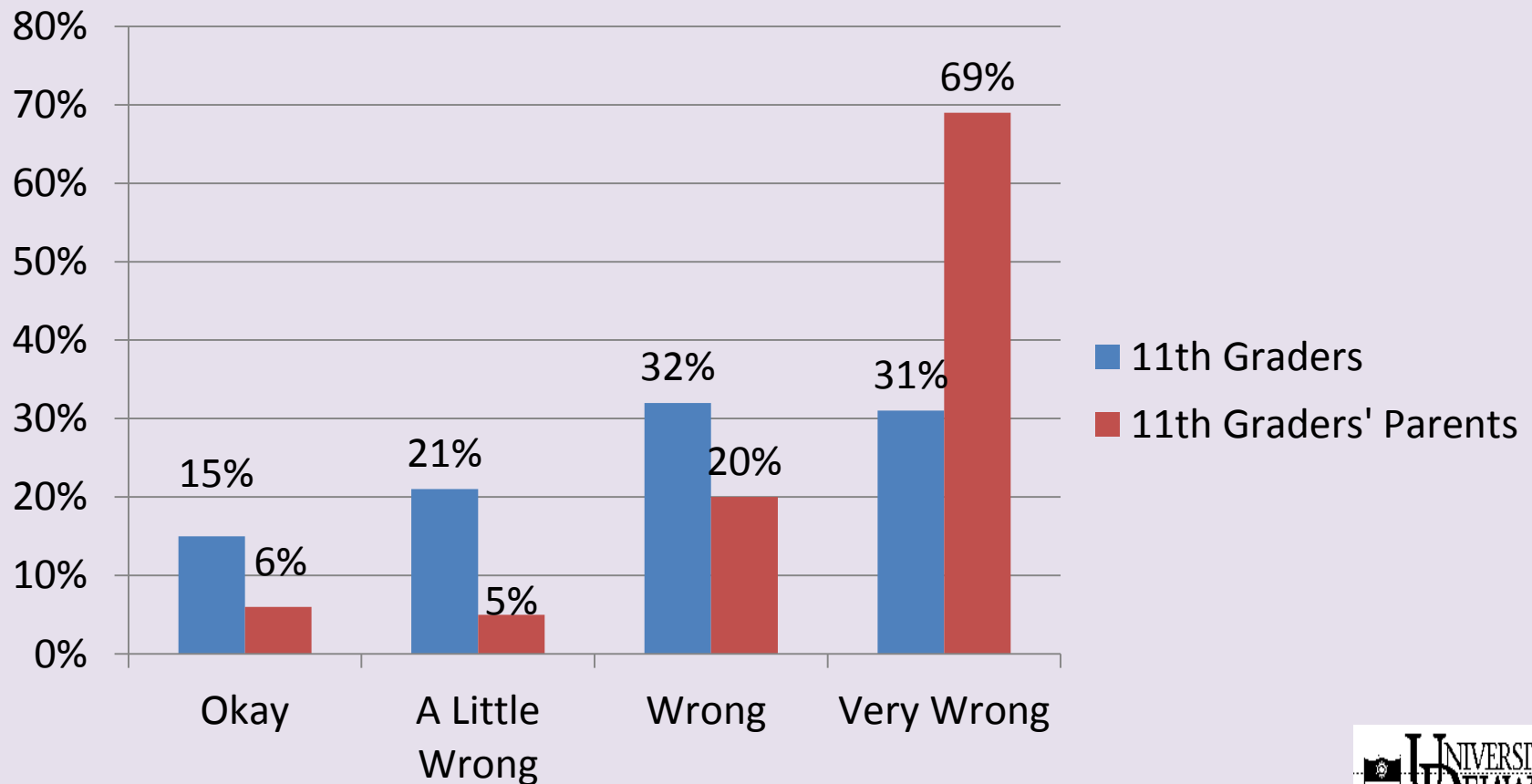
Percent of 2011 Delaware 8th Grade Students' Opinion and Perception of Parent's Opinion of Smoking



Source: 2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.



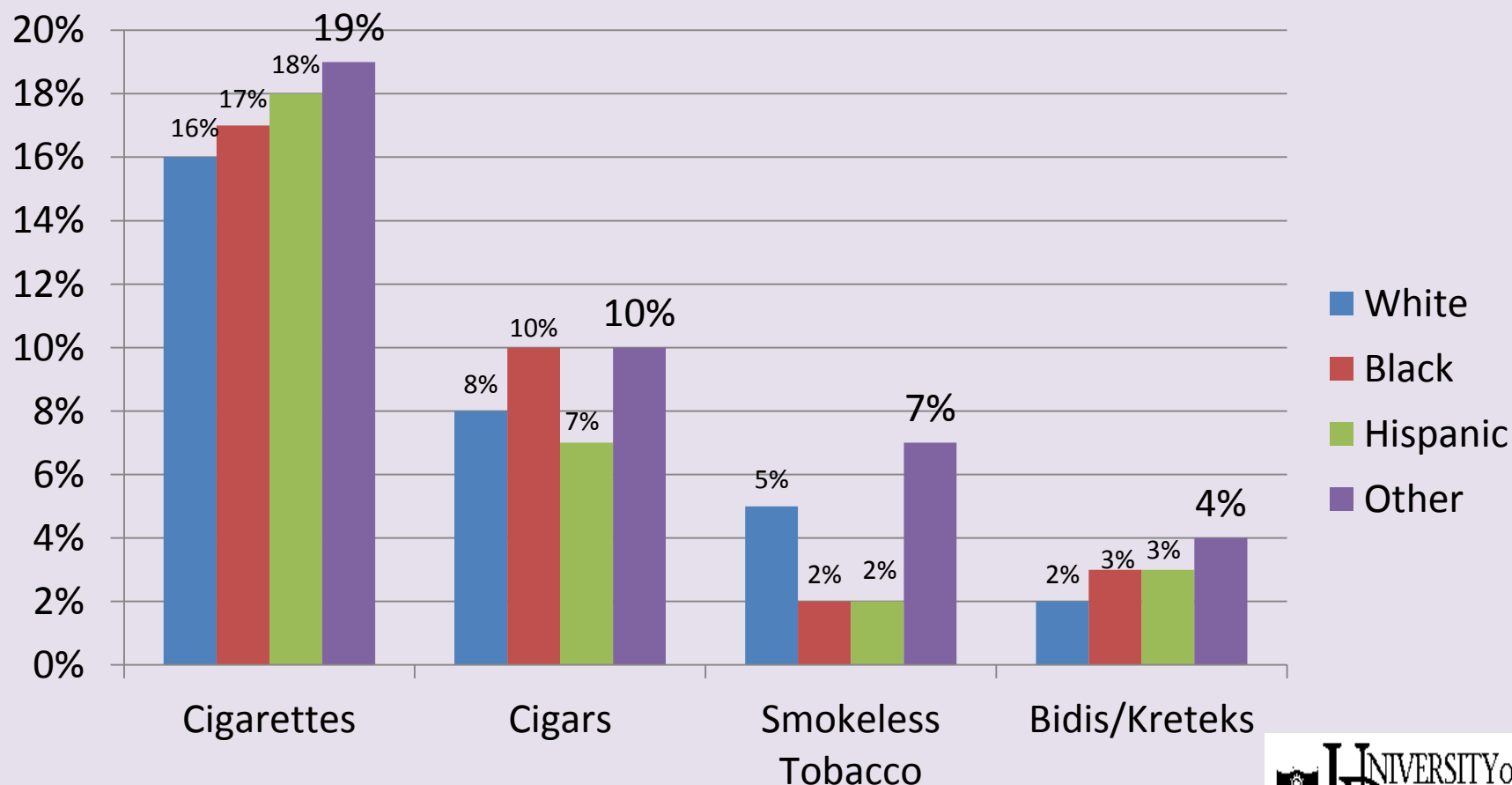
Percent of 2011 Delaware 11th Grade Students' Opinion and Perception of Parent's Opinion of Smoking



Source: 2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.



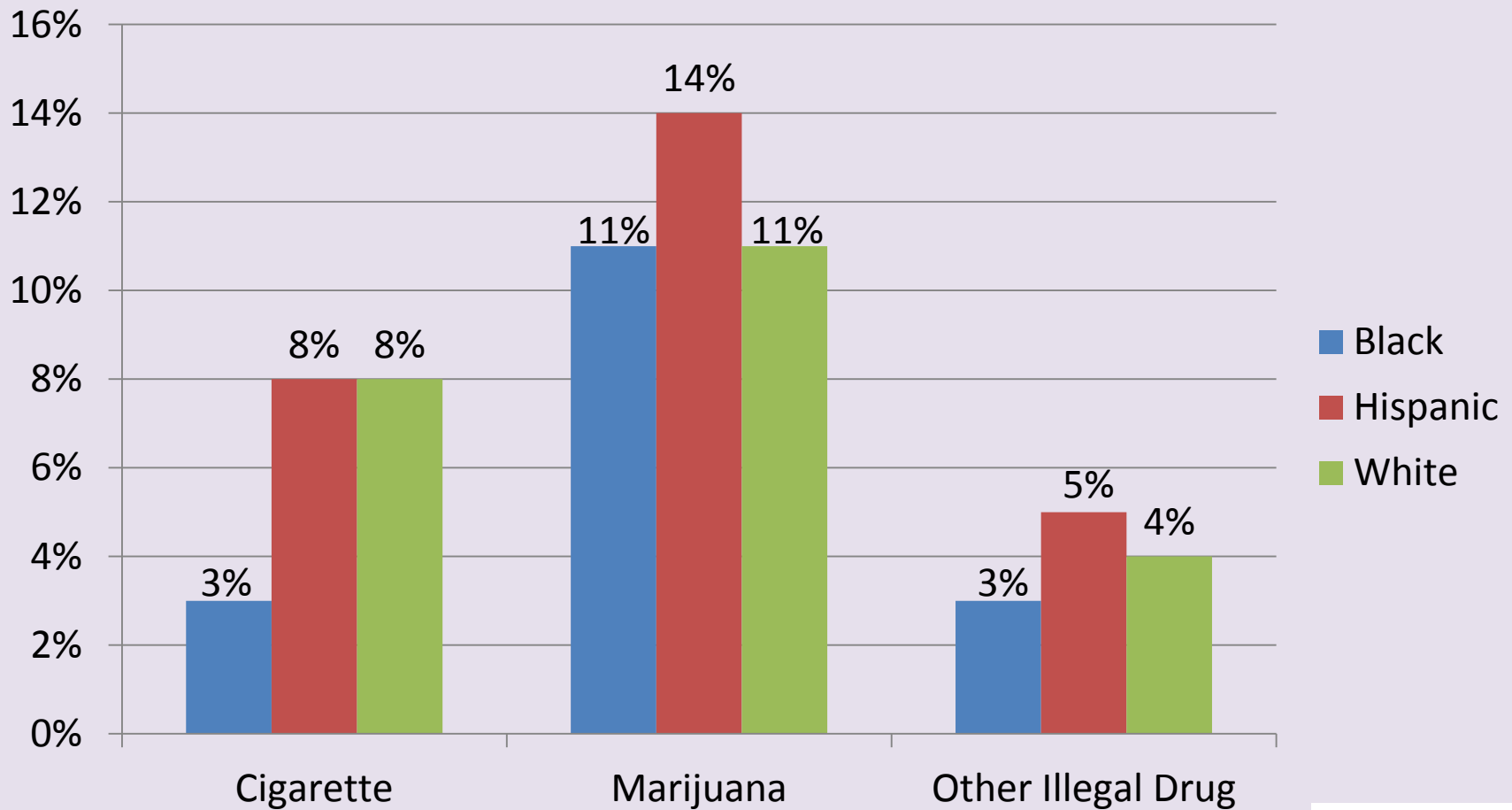
Percentage of 2012 DE Middle School Students who have ever used Tobacco, by Race and Tobacco Type



Source: Delaware Youth Tobacco Survey, 2012, Delaware Division of Public Health



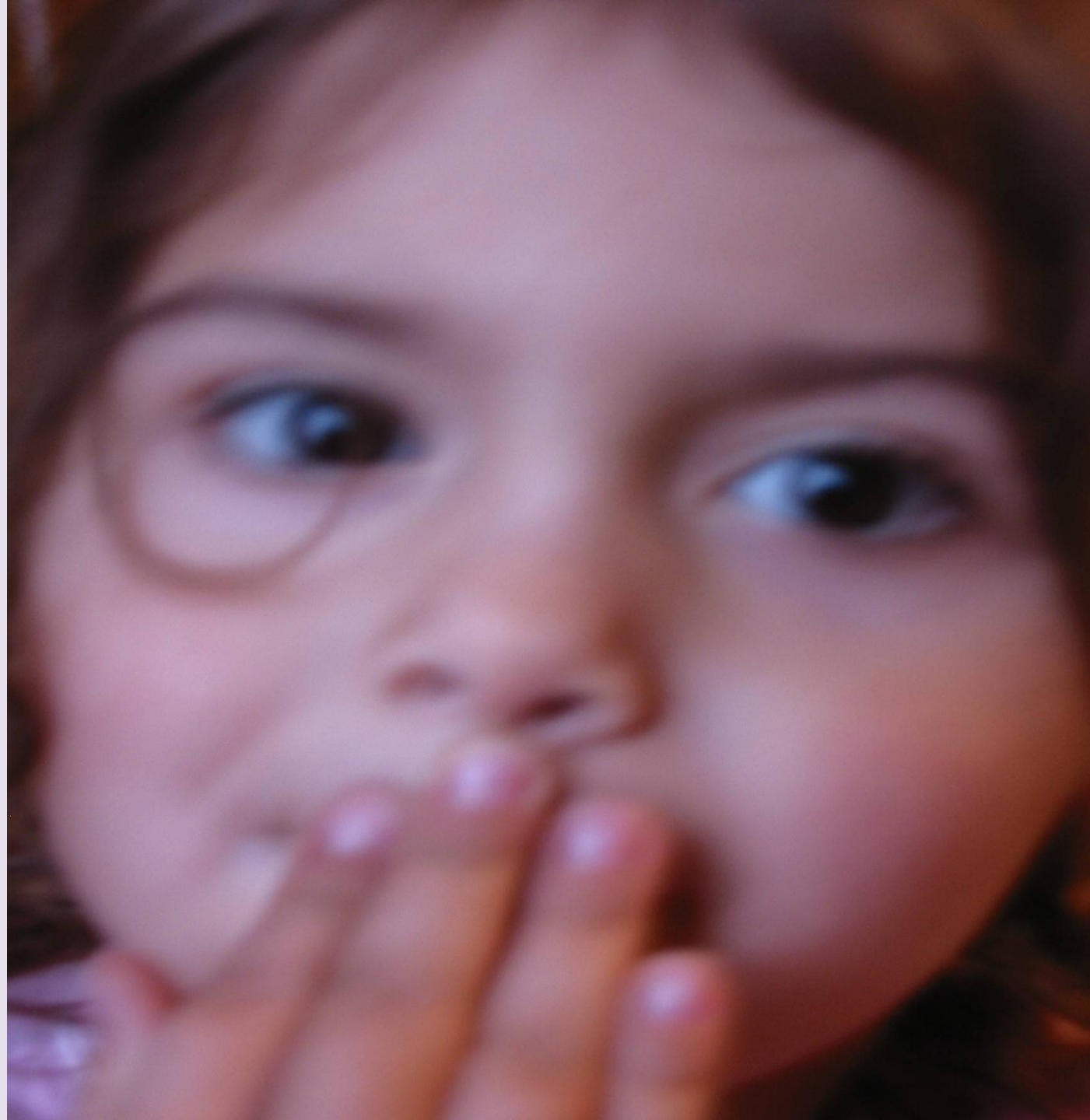
8th Grade Cigarette, Marijuana, and Other Illegal Drug Use in the Past Month by Race



Source: 2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.



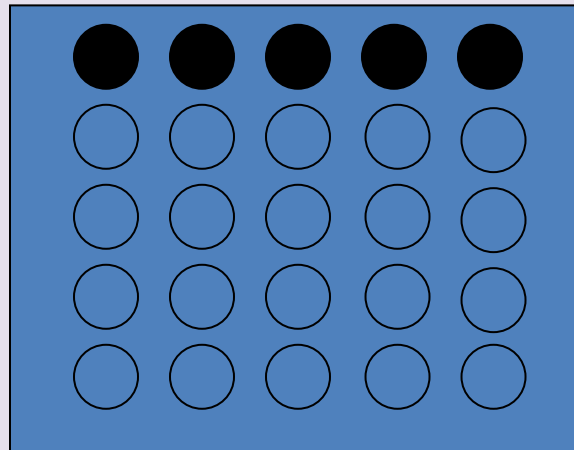
These
are the
“big
kids”
Sophia
now
looks
up to.



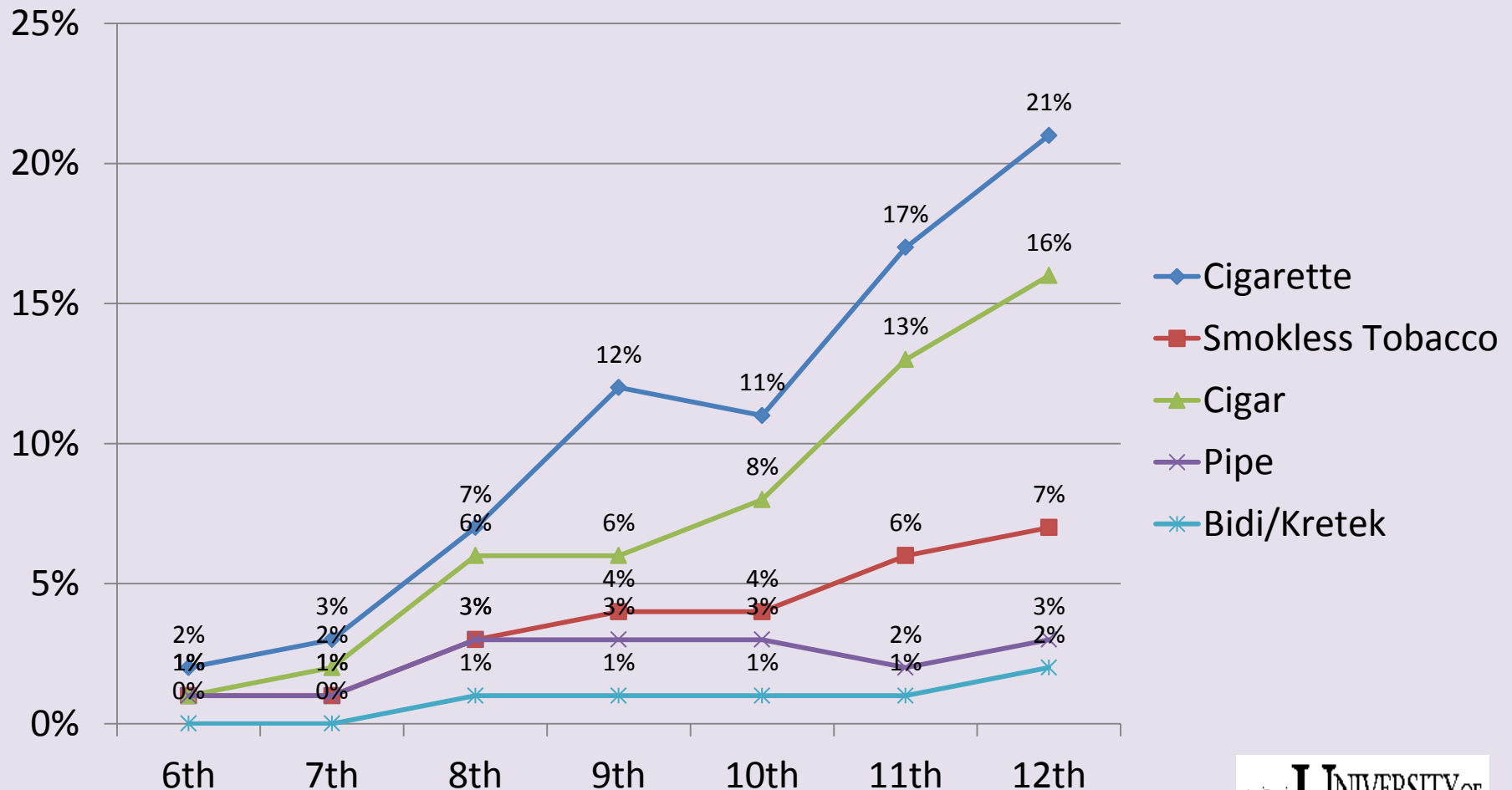
By the time Sophia reaches 11th grade, many of her original classmates are no longer in school. Those who leave are probably students with higher levels of “risk behaviors,” including tobacco use.



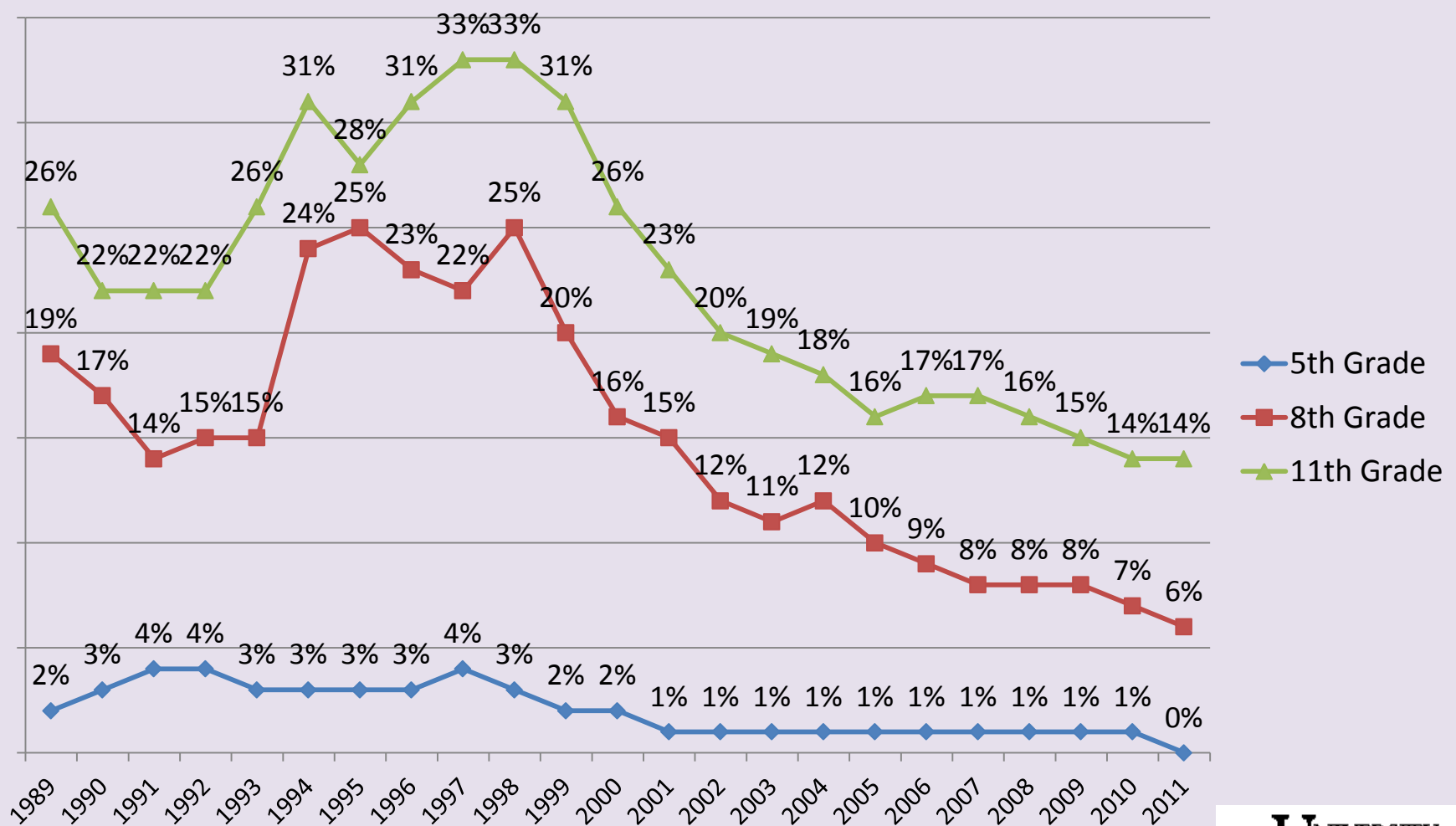
21% of Sophia's 11th grade classmates will have smoked cigarettes in the past year; this represents 5 students in Sophia's 11th grade classroom of 25 students; more than 4 out of 5 now perceive great risk from smoking a pack or more per day.



Past 30 day Tobacco Use among 2012 Delaware Youth by Grade and Tobacco Product



Trends in Delaware Students' Self-Reported Regular Cigarette Use* by Grade



Note: *Regular use is defined as reports of about once a month or more often

Source: Data Base/DiagnosticsPlus (1989-1993); Department of Public Instruction, 1994;
1995-2011 Delaware School Survey, Center for Drug and Alcohol Studies, University of Delaware.



And then there's college



- 21% of UD students have tried smoking cigarettes at some time in their lives; 13% have smoked in the past month
- 21% have tried smoking cigars; 6% smoked in the past month
- 17% are “current” tobacco users (cigarettes and/or cigars)



UD Students who report smoking cigarettes in the past month

- 13% of White students
- 12% of Hispanic students
- 11% of Black students

UD students who report smoking cigarettes in the past month

- 18% of male students
- 9% of female students

Other sub-populations and smoking in the past 30 days:

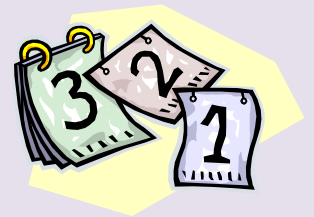
- 13% of athletes smoked versus 12% of non-athletes (played on a sports team)
- 15% of Greeks smoked versus 12% of non-Greeks
- 18% of those diagnosed with asthma smoked versus 12% of those not diagnosed
- 28% of those diagnosed with ADD/ADHD smoked versus 11% of those not

At UD, Cigars are smoked in the past month by

- 7% of White students, 4% of Hispanic students, and 2% of Black students
- 2% of female students and 14% of male students

Of those students who reported smoking cigarettes in the past month:

- 19% of students who smoked said they smoked only one day out of the last 30
- 73% of students say they smoked on less than half of the last 30 days
- 11% of students who smoked said they smoked on 30 of the past 30 days



Among UD students who did not smoke cigarettes in the past month, 75% drank alcohol in the past month, 54% binged.

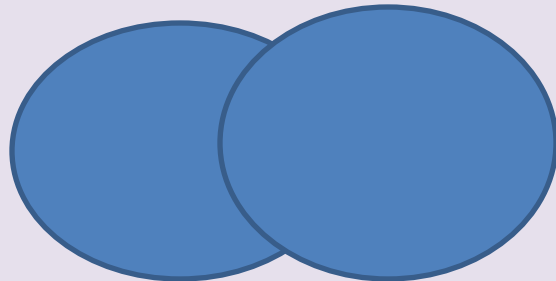
Among those who did smoke cigarettes in the past month, 94% drank alcohol in the same time period, and 86% binged.



Among UD students who did not drink alcohol in the past month, 3% smoked cigarettes in the past month.

Among those who did drink alcohol in the past month, 15% smoked cigarettes in the same time period.

55% of students who smoked cigarettes in the past month also smoked marijuana. 41% of students who smoked marijuana in the past month also smoked cigarettes.



Also,

33% of students who smoked cigarettes in the past month have used illegal drugs other than marijuana, compared to only 6% of students who have not smoked cigarettes in the past month have.





Data:

www.udel.edu/delawaredata

basha@udel.edu