

Nicotine & Tobacco Data Highlights

Reading Youth Risk Behavior Survey



Excerpts from the 2015 Results for Reading Board of Health

Erica McNamara, MPH, RCASA Director



Data Partner Roles

Reading Public
Schools
Survey
Oversight &
Collection

RCASA
Coordination,
Materials
Development,
Comparison,
Data Targets

Rothenbach
Research &
Consulting
Data Cleaning
& Analysis

“Youth health data is necessary for local, state and federal funding for prevention, education and treatment services. Reading is required as part of its state and federal funding to collect and report this data.”

-CDC and Reading YRBS



The Youth Risk Behavior Survey

CDC National Survey

monitors priority health behaviors of middle and high school Students in U.S./territories on a biannual basis.

2.6 million

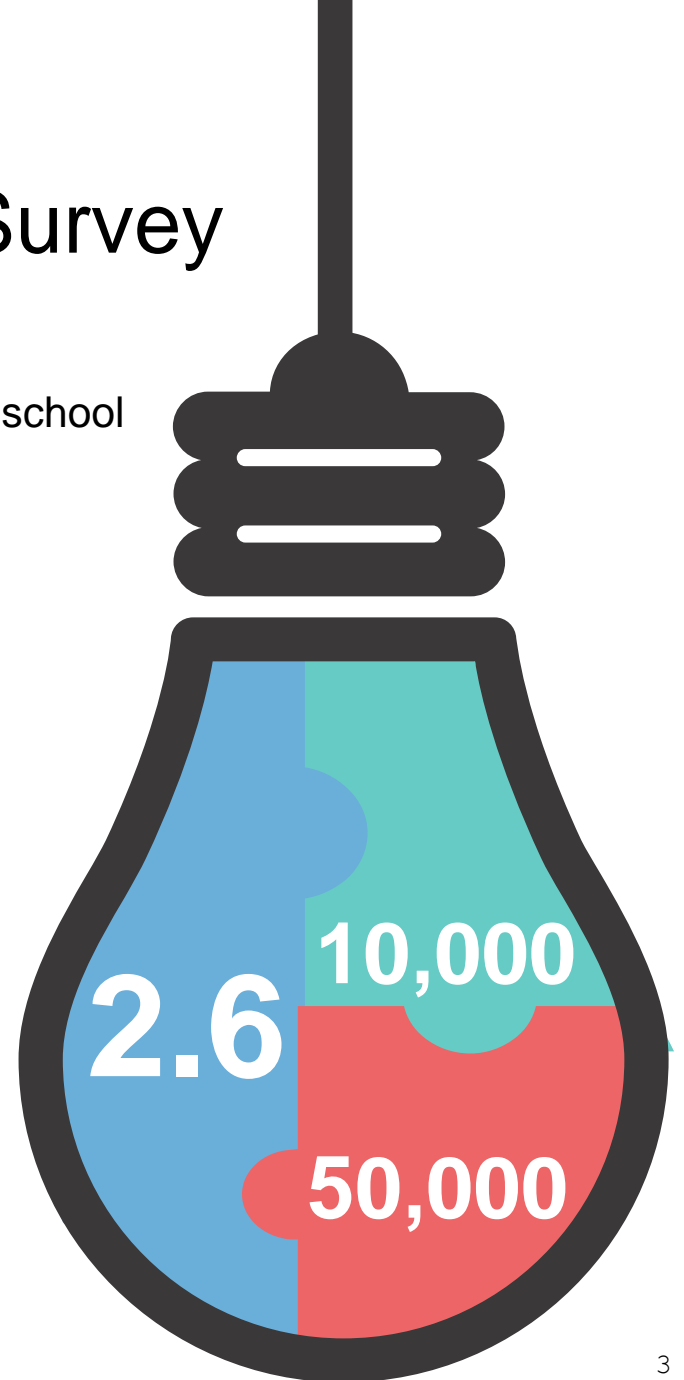
From 1991-2013, 1,100 CDC surveys were conducted involving millions of students.

10,000

Reading conducts the survey every 2 years.
Comparison data in this presentation represents thousands of local surveys from 2005-2015.

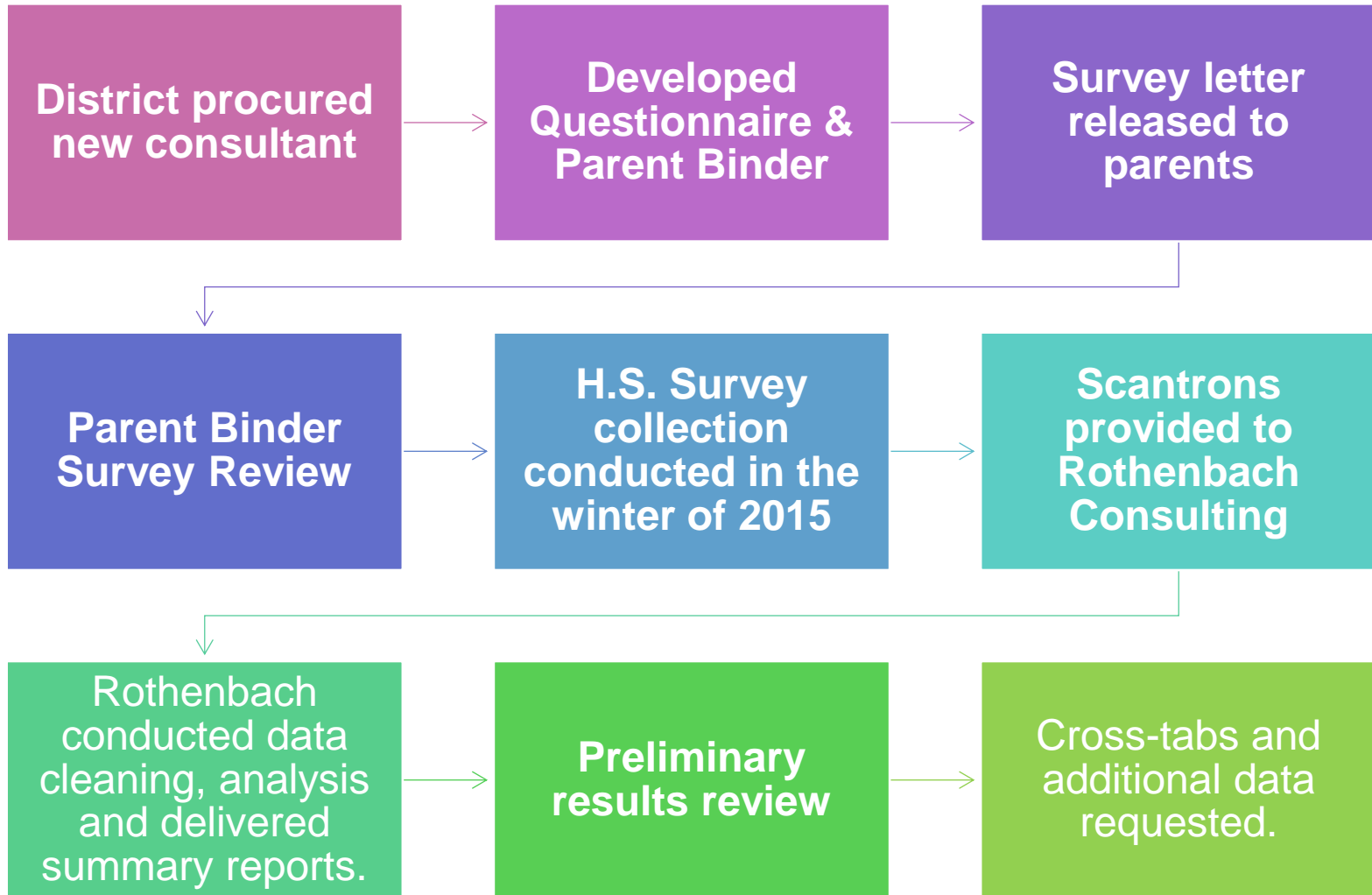
50,000

9,300+ MA students in 144 schools participates biannually.

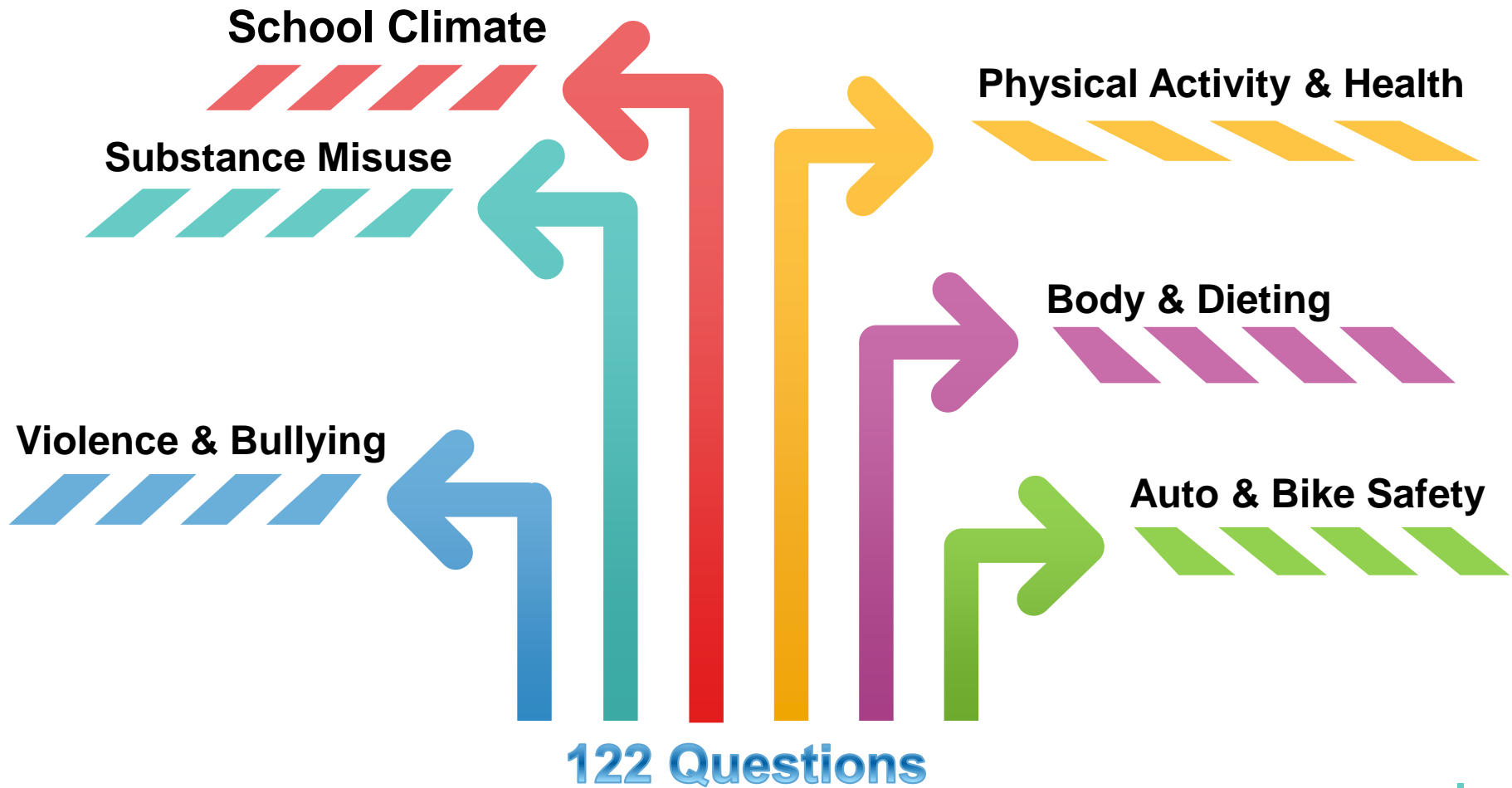




The Survey Process



High School Survey Categories

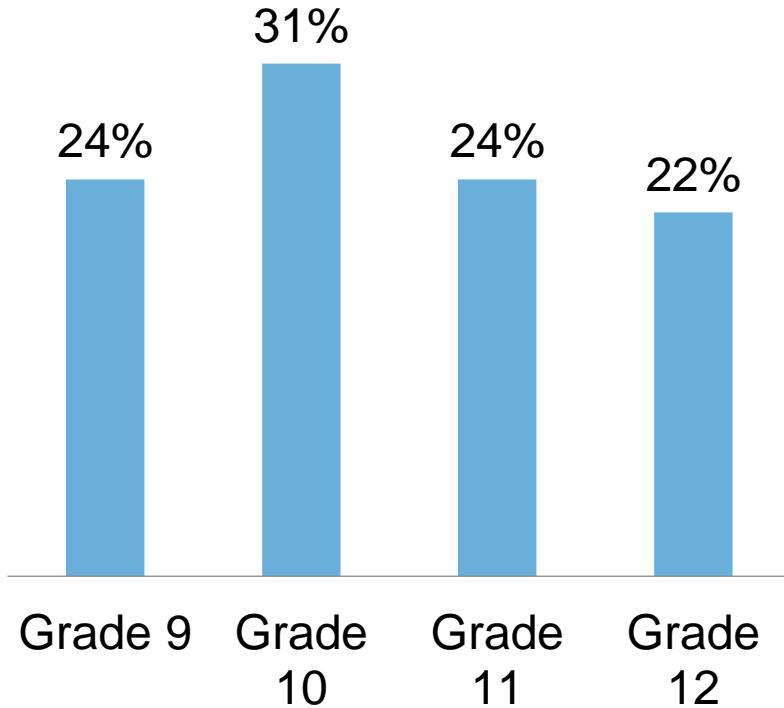




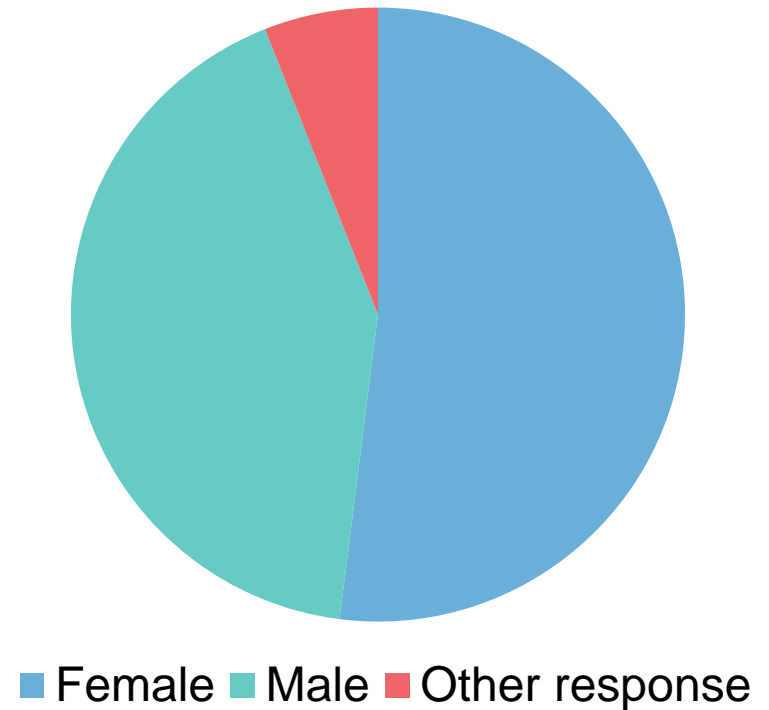
High School Survey Sample n=1,057

Reading
YRBS
High
School

By Grade



By Gender





High School Categories (2005-2015 Analysis)

Data was analyzed across risk categories:

On average, 13% of local high school youth reported risky behavior.

The risk behaviors reported with the most frequency in each category included:

Nicotine use

Underage drinking/
marijuana use

Depressive
symptoms

Fasting

Seriously
considered suicide

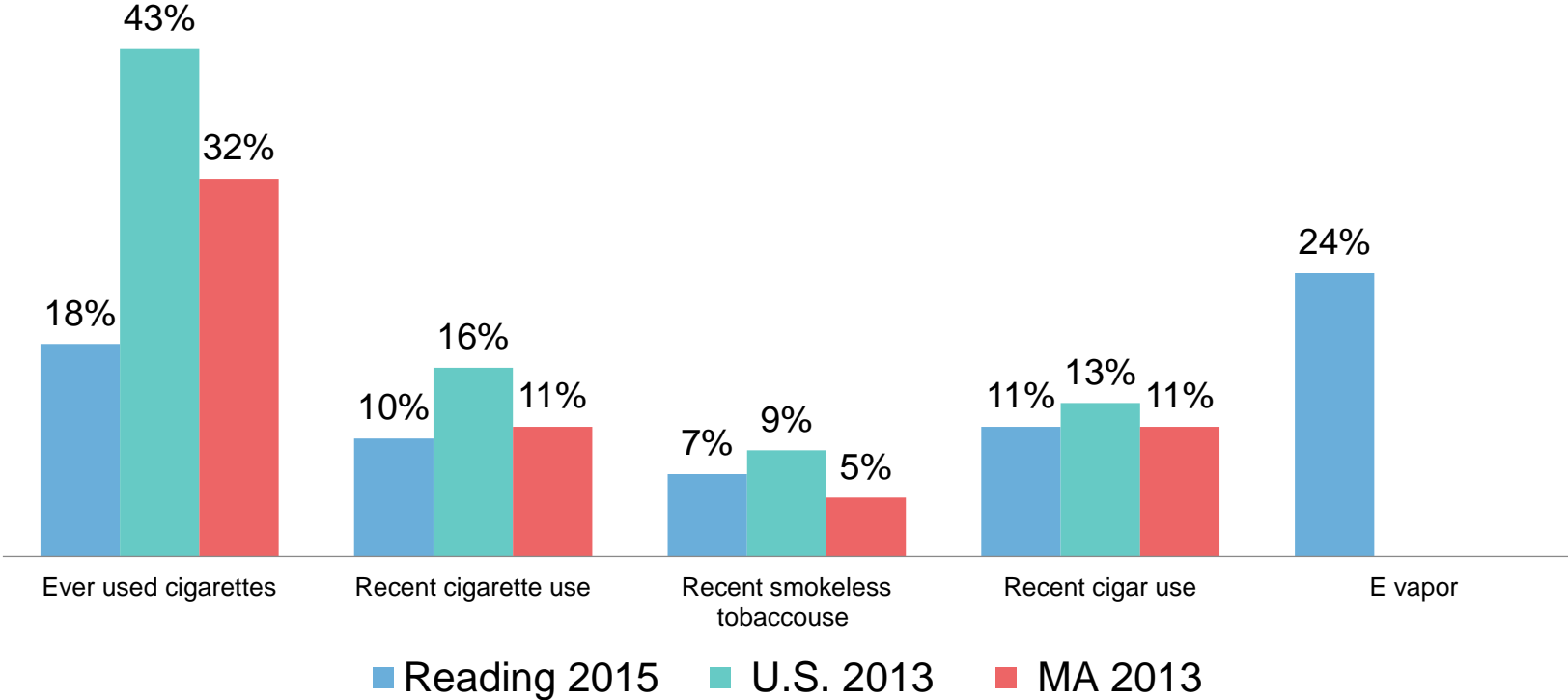




Understanding Comparison Samples

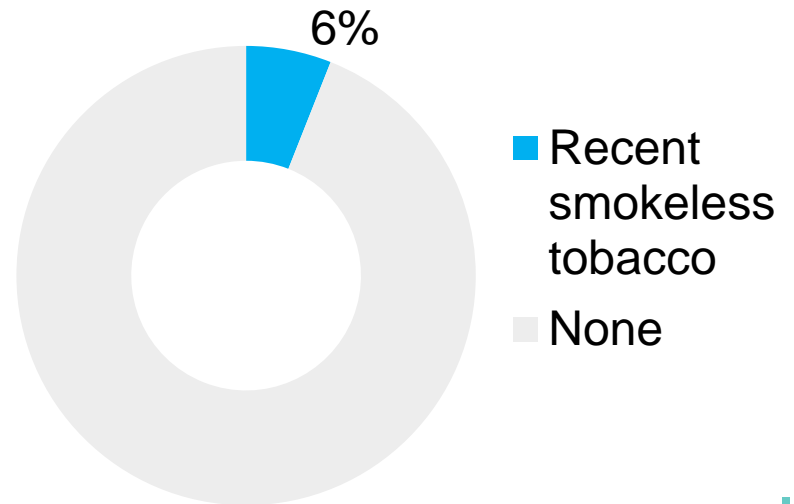
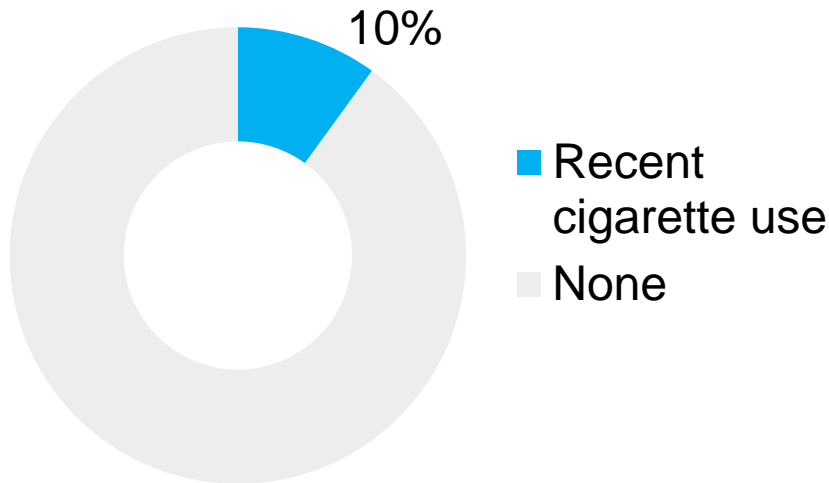
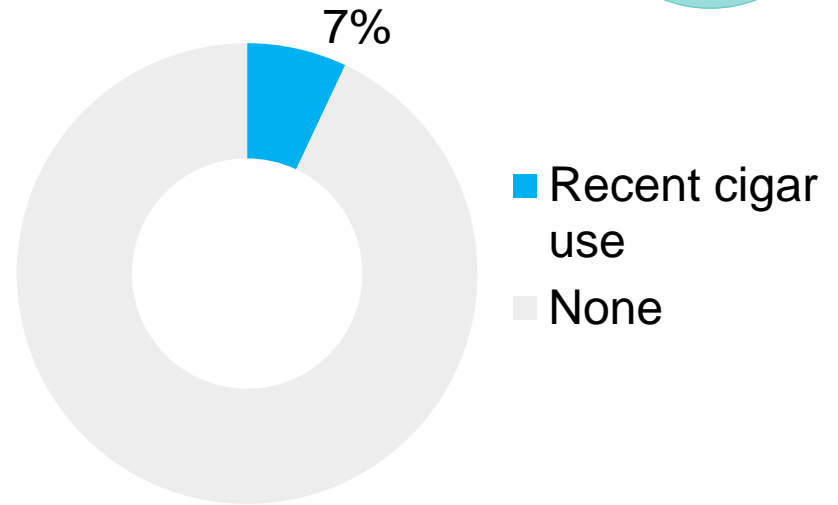
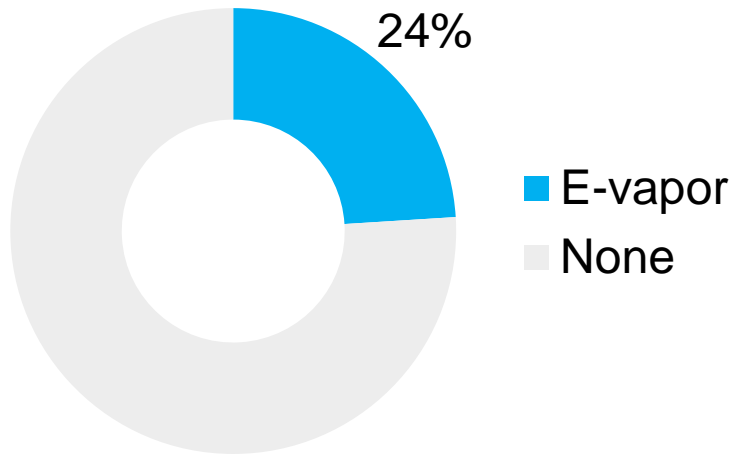
State/national data lag typically 1-2 years behind local data

Nicotine Product Comparison





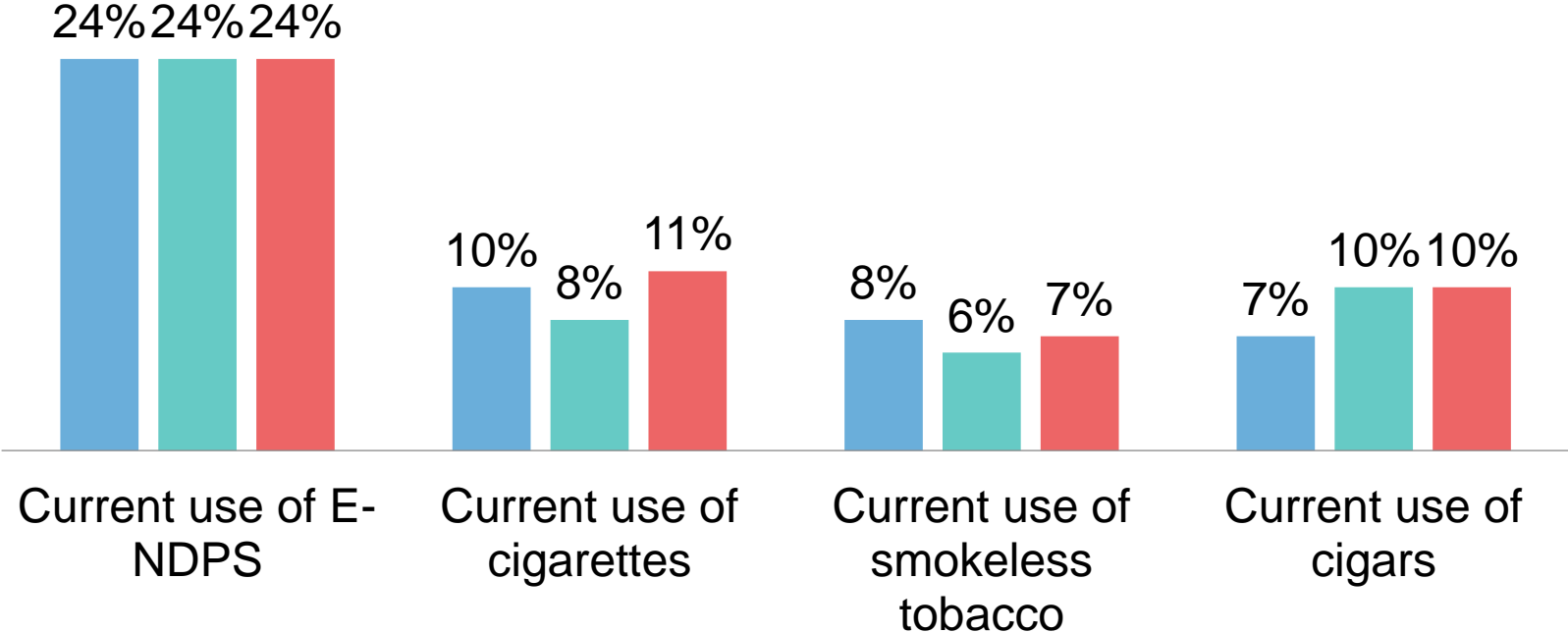
2015 Results: What product is used the most?



2015 Results

Current Tobacco & Nicotine Use

■ Reading ■ Massachusetts ■ U.S.

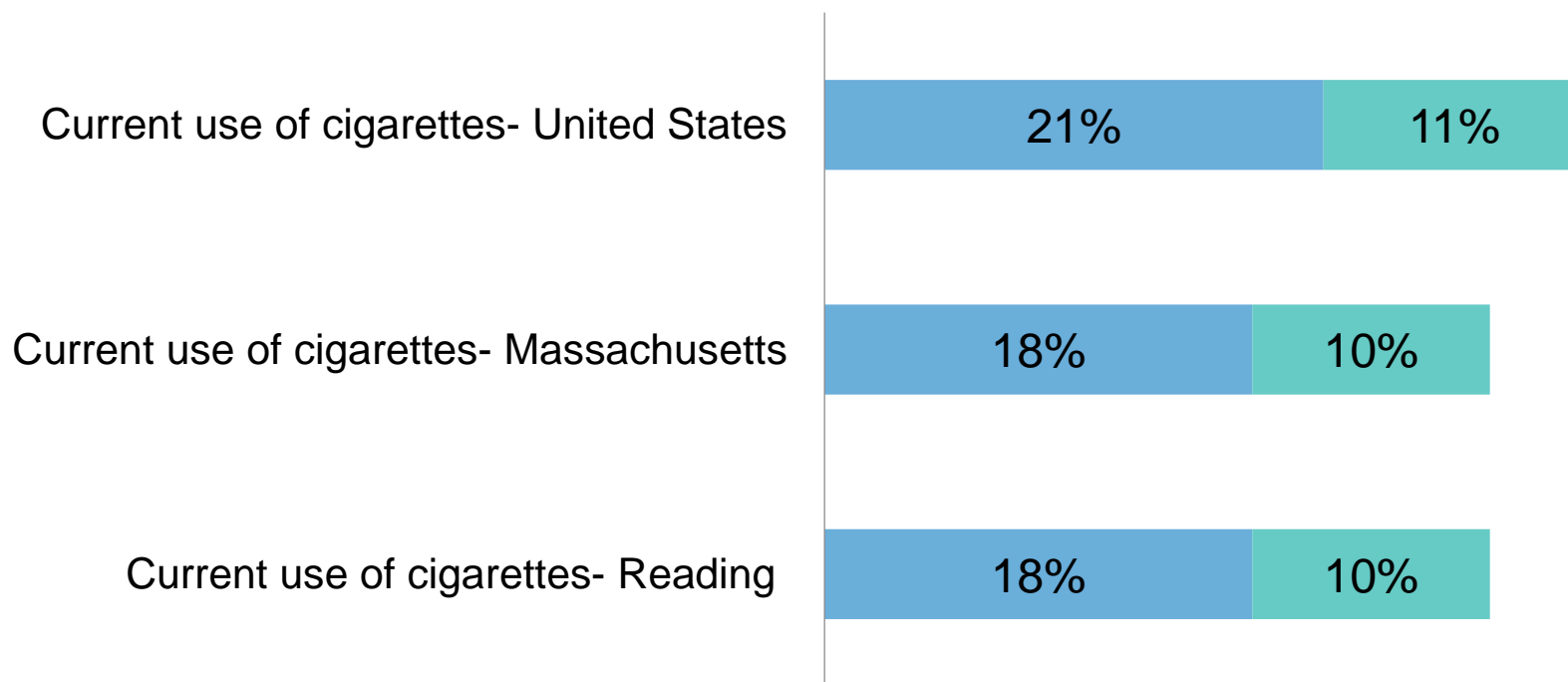


2015 Results

Reading
YRBS
High
School

Current Cigarette Use 2005 vs 2015

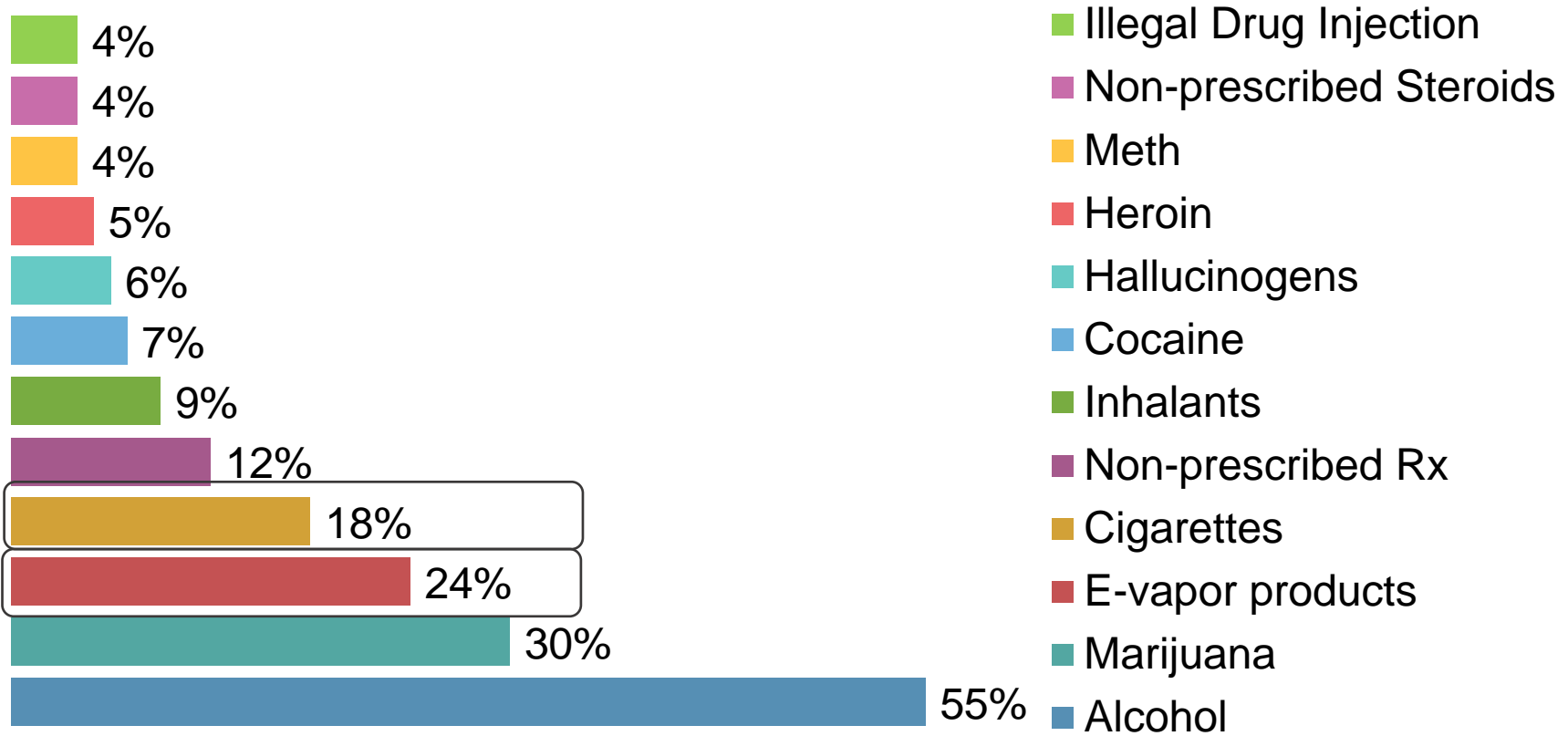
■ 2005 ■ 2015





Lifetime Substance Use

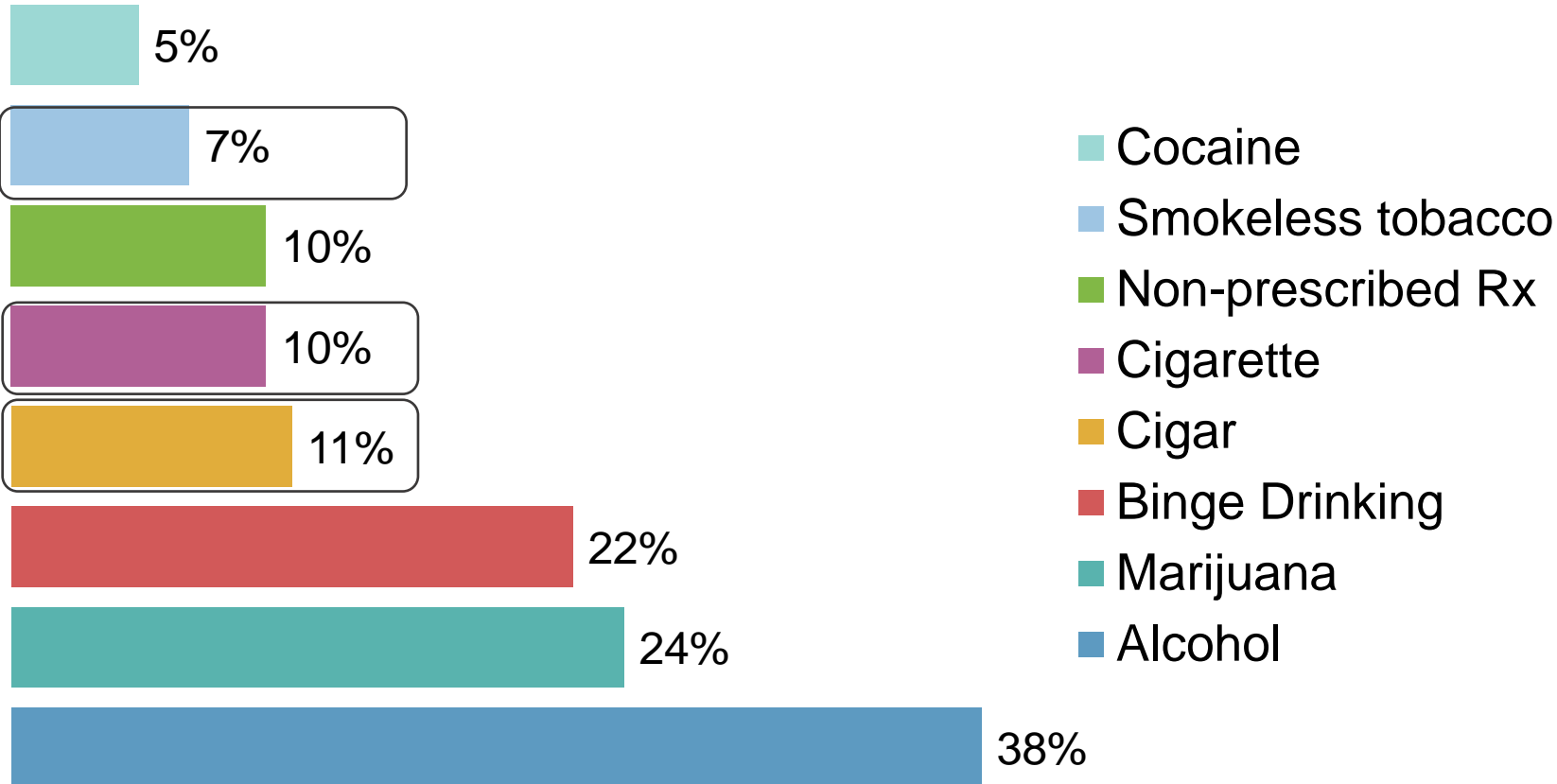
Reading 2015





Past 30-day Substance Use

Reading 2015





Subset Analysis: Polysubstance use

In 2015, amongst the high school sample...

- 301 students reported *both recent alcohol & cigarette use*
- 164 students reported recent *marijuana use & smoking cigarettes*
- 31 students reported ever using *Rx drugs without a doctor's order to get high & smoking cigarettes*





2015 Reading Middle School YRBS

(Rothenbach Consulting)

The CDC has managed the Youth Risk Behavior Survey (YRBS) since 1990

Sample drawn from both Coolidge & Parker Middle Schools

The questionnaire, which included 90 questions, was administered during a single class period

After removing invalid survey records, participation includes 265 6th grade, 282 7th grade, and 314 8th grade respondents, n=861

Largest margin of error for the full middle school sample is less than 2.0 percentage points

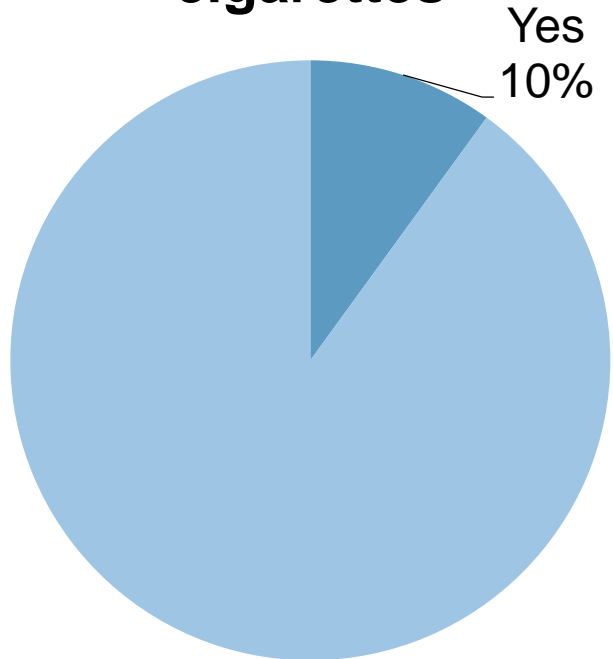




Middle School: Tobacco/Nicotine



Ever used cigarettes



About 86 students reported "ever" using cigarettes

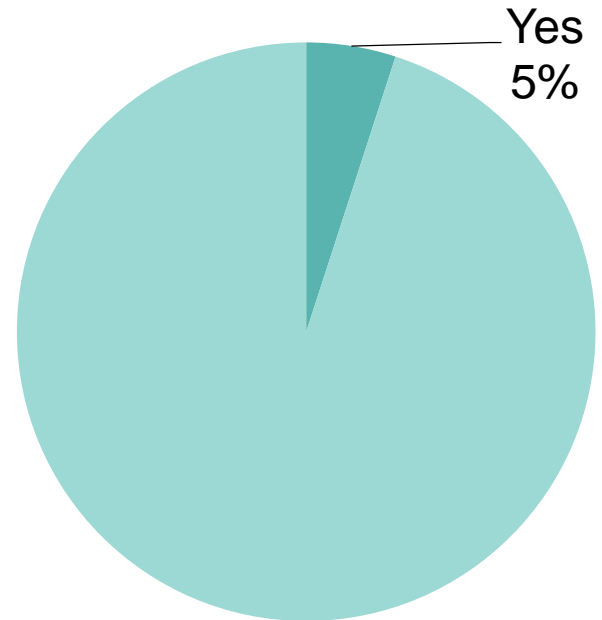
Reading

10 year average 2005



2015

Recent cigarette use

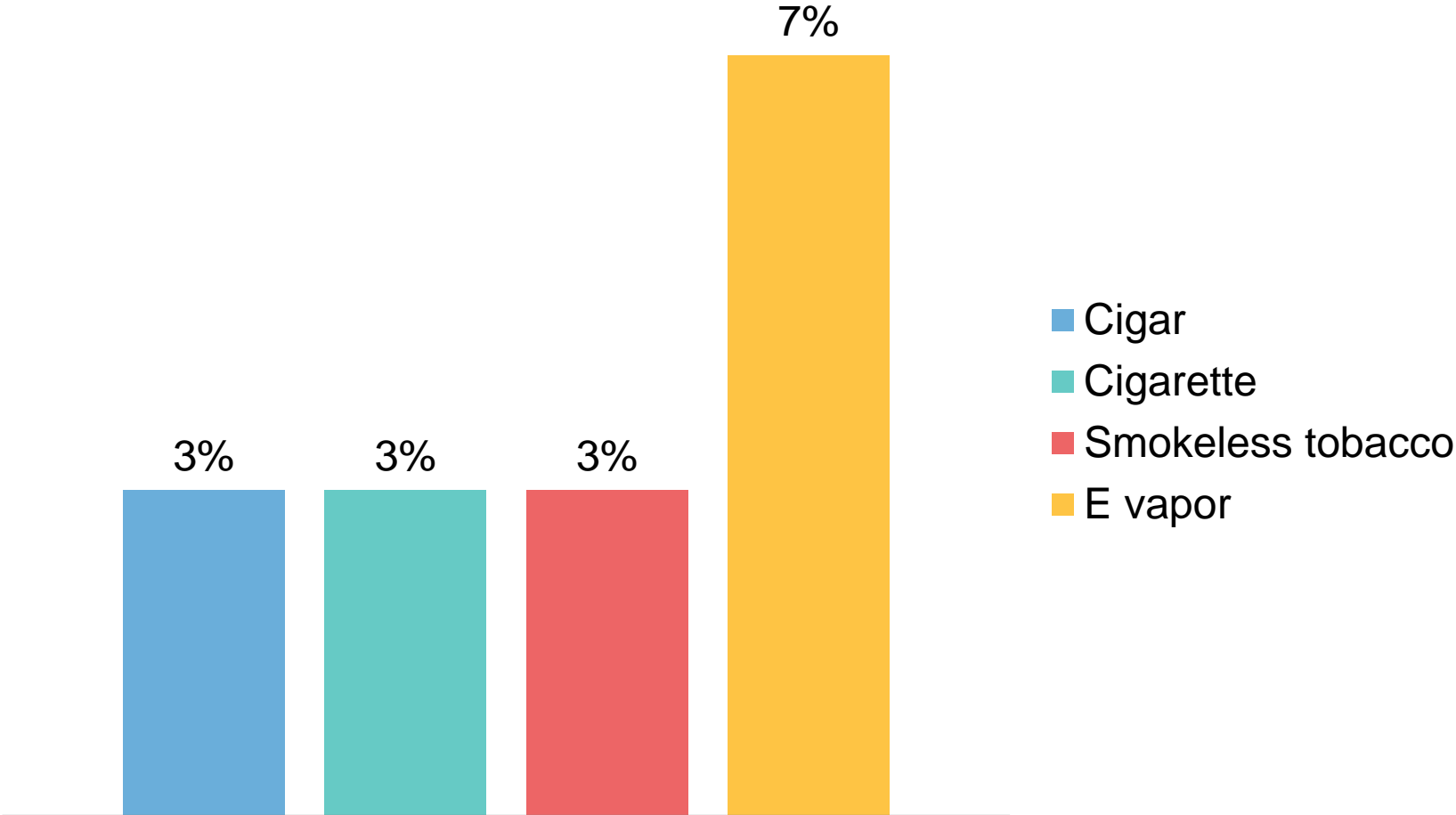


About 43 students reported "recent" use of cigarettes





Past 30-day Nicotine Use Amongst Middle School Students



Reading 2015





RCASA Support

RCASA Assistance	Alcohol Use	Illegal Drug Use	Mental Health
Developed, revised, or assisted in developing model policies, policy guidance, or other materials	2007-present	2007-present	2011-present
Coordinated projects or program improvement initiatives	2007-present	2007-present	2011-present
Provided technical assistance to support staff and initiate professional development	2007-present	2007-present	2014-present





**Reading
Coalition
Against
Substance
Abuse**

Get in Touch

 Erica McNamara

 emcnamara@ci.reading.ma.us

 781.942.6793