Tioga County
Allies in Substance Abuse Prevention (ASAP) Coalition

Prevention Needs Assessment Survey

Data Release 2017-2018

Objectives

- History and Purpose of the PNA Survey

- Results of the PNA Data

- What the PNA Data Results Tell Us

- Risk and Protective Factors

- What's Next

- Questions and Discussion

The Tioga County ASAP Coalition

- Who we are

- What we do

- Mission - *To engage our communities in efforts to understand, prevent, and reduce youth and community substance abuse through increased collaborations inspiring community level change.*

- Vision - *Working together for a healthy Tioga County free from the effects of substance abuse.*

PNA Survey - Background

The *Prevention Needs Assessment Survey (PNA)* is a nationally recognized survey, designed to measure the need for prevention services among youth in the areas of:

- Substance Abuse

- Delinquency

- Antisocial Behavior

- Violence

PNA Survey – Data Measures

- Frequency of use trends

- Factors contributing to use - Risk and Protective

- Sources of alcohol and prescription drugs

- School safety indicators

- Impact of effective and strategic programing

PNA Validity and Reliability

- Confidence in the survey's *validity* and *reliability help establish trust (beyond the national agencies that use and recommend it for a standardized tool)*

  Validity – Are we measuring what we intended to measure?

  Reliability – Would we get the same results with repeated administrations?

PNA Validity and Reliability

Reliable
Not Valid

Low Validity
Low Reliablity

Not Reliable
Not Valid

Both Reliable
and Valid

by Experiment-Resources.com

The bulls-eye in each target represents the information that is desired. Each dot represents a separate score obtained with the instrument. A dot in the bulls-eye indicates that the information obtained (the score) is the information the analyst or evaluator desires.

The 5 PNA Validity Checks

1. Students are asked directly if they were honest in their responses

2. Students are asked if they have used a fictitious drug

3. Student responses are analyzed for impossibly high drug use rates

4. Student responses are analyzed to see if past-month use is higher than lifetime use

5. Student responses are analyzed to see if their age approximately matches their grade level

Why PNA and Why Now?

- Tioga County ASAP Needs Assessment

- Drug Free Communities (DFC) Grant
- Last comprehensive youth risk behavior data set was from 2002

- Improves health, safety, and well being of youth and the larger community

Strategic Prevention Framework (SPF)

The DFC program uses the Strategic Prevention Framework (SPF) developed by the federal Substance Abuse and Mental Health Services Administration (SAMHSA).

The five elements that make up the SPF help communities to develop the resources needed for a community-based approach leading to effective and sustainable reductions in alcohol, tobacco, and other drug (ATOD) use and abuse.

Part of the greater Communities that Care Framework

Students Surveyed

Students by Sex	
Male Students	534
Female Students	645

Students by Grade	
8th Graders	342
10th Graders	462
12th Graders	387

1191 Total Students Surveyed

(includes students from all Tioga County Schools)

Alcohol Data

Use of Alcohol in the Past 30- Days

A bar chart titled "Use of Alcohol in the Past 30- Days" showing Percent of Students (y-axis) by Grade Levels (x-axis), comparing Tioga Data and Bach-Harrison Norm.

Grade Levels	Tioga Data	Bach-Harrison Norm
8th Grade	14.6	7.3
10th Grade	25.7	19.9
12th grade	32.7	33.2
All Grades	24.2	19.8

■ Tioga Data   ■ Bach-Harrison Norm
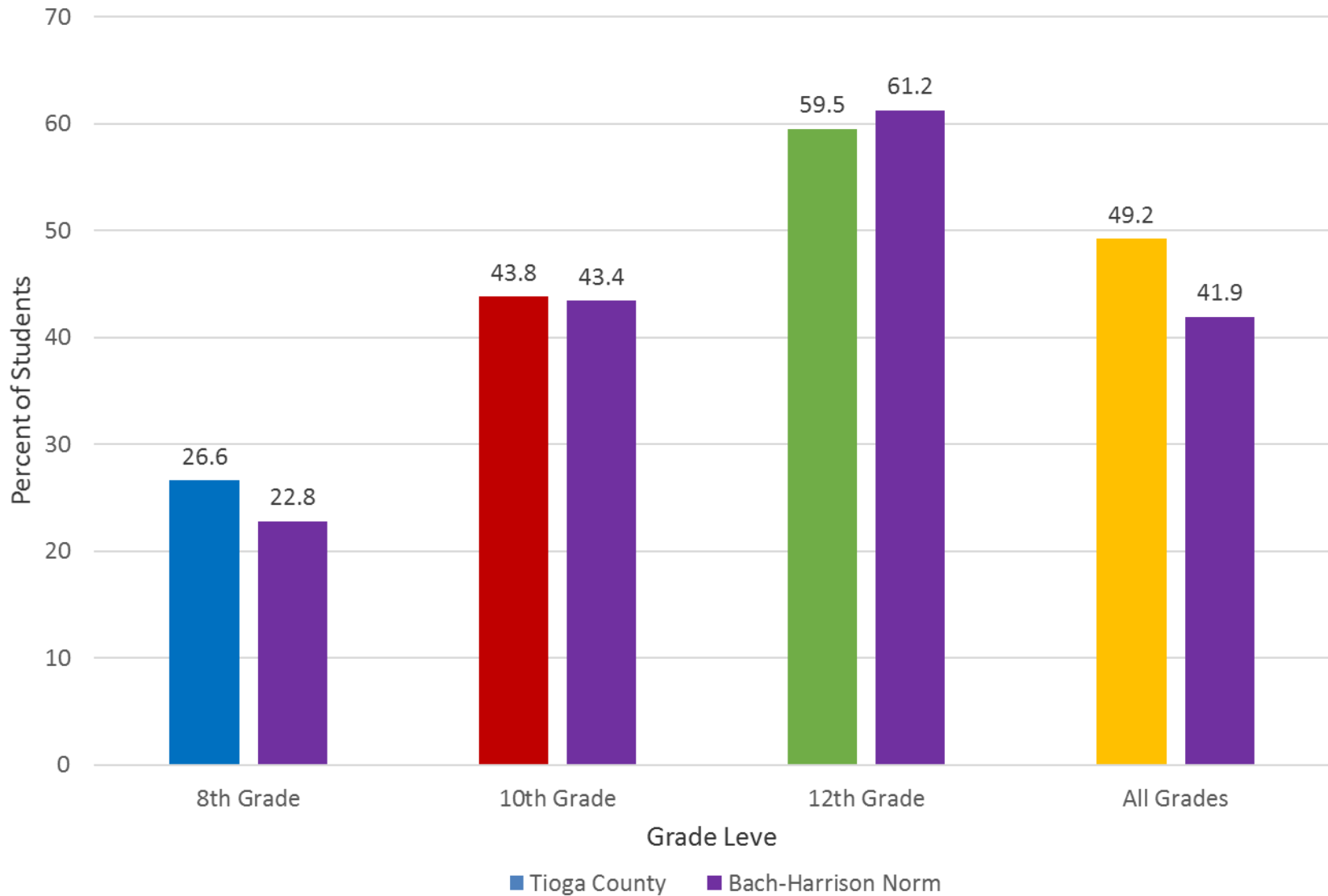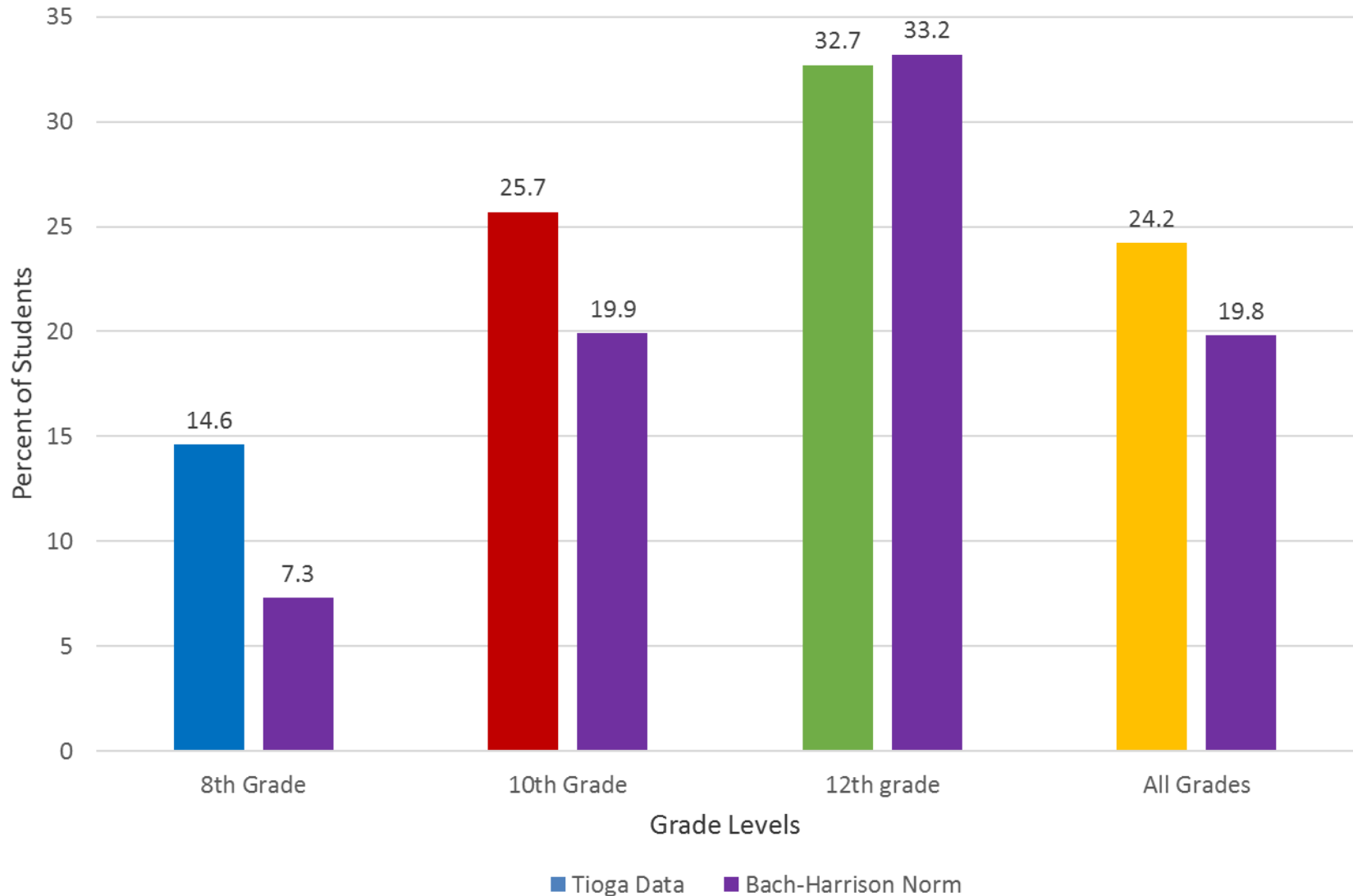
Binge Drinking in the Past 2 Weeks

Percent of Students

Grade Level	Tioga County	Bach-Harrison Norm
8th Grade	6.9	3.4
10th Grade	15.4	9.7
12th Grade	18.1	15.5
All Grades	13.5	9.4

Grade Levels

■ Tioga County ■ Bach-Harrison Norm
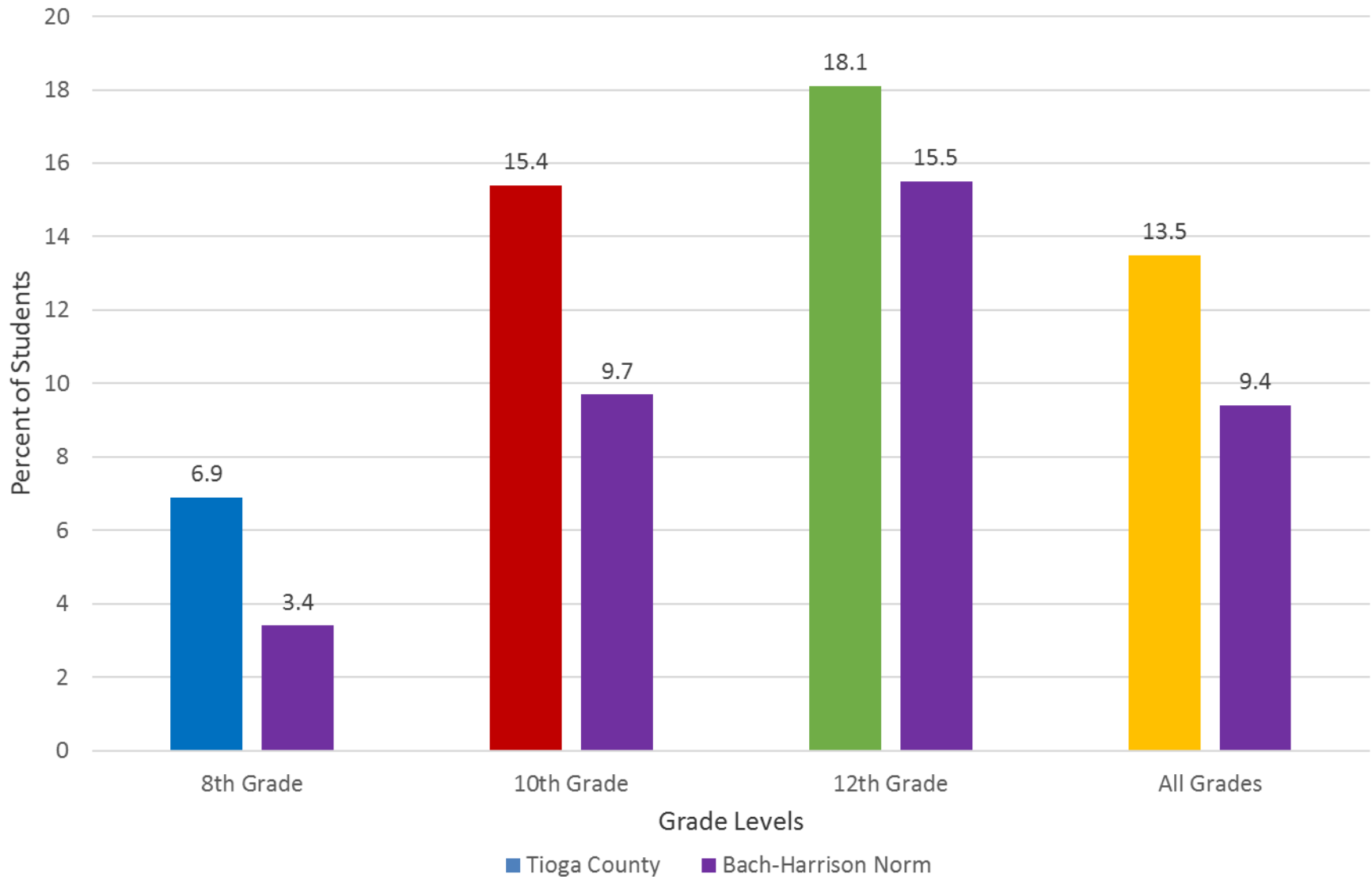
Sources of Student Alcohol Use

	I bought it myself from a store.	I got it at a party.	I gave someone else money to buy it for me.	I got it from someone I know age 21 or older.	I got if from someone I know under age 21.	I got it from a family member or relative other	I got it from home with my parents' permission.	I got it from home without my parents' permission.	I got it at work	I bought it over the internet.	I got it in another way.
8th Grade	1.4	42.5	12.3	41.1	23.3	41.1	42.5	35.6	1.4	1.4	8.2
10th Grade	5	55.3	21.4	44.7	35.8	43.4	44	45.3	5	2.5	13.8
12th Grade	6.2	67.7	42.9	59.6	39.1	43.5	50.3	32.3	3.7	0	4.3
All Grades	4.8	58	28.5	50.1	34.9	43	46.3	38.2	3.8	1.3	8.9

■ 8th Grade   ■ 10th Grade   ■ 12th Grade   ■ All Grades

Places Where Students Drank

	At my home or someone else's home without parent permission.	At my home with my parent's permission.	At someone else's home with their parent's permission.	At an open area like a park, beach, or back road.	At public events such as a sporting event, festival, or concert	At a restaurant, bar, or a nightclub.	In a car.	At a school dance, a game, or other event.	At school during the day.	Near school.	In another place.
Column1	48.6	55.7	22.9	14.3	11.4	2.9	12.9	15.7	5.7	10	15.7

Student Alcohol Use: Actual Vs. Perception
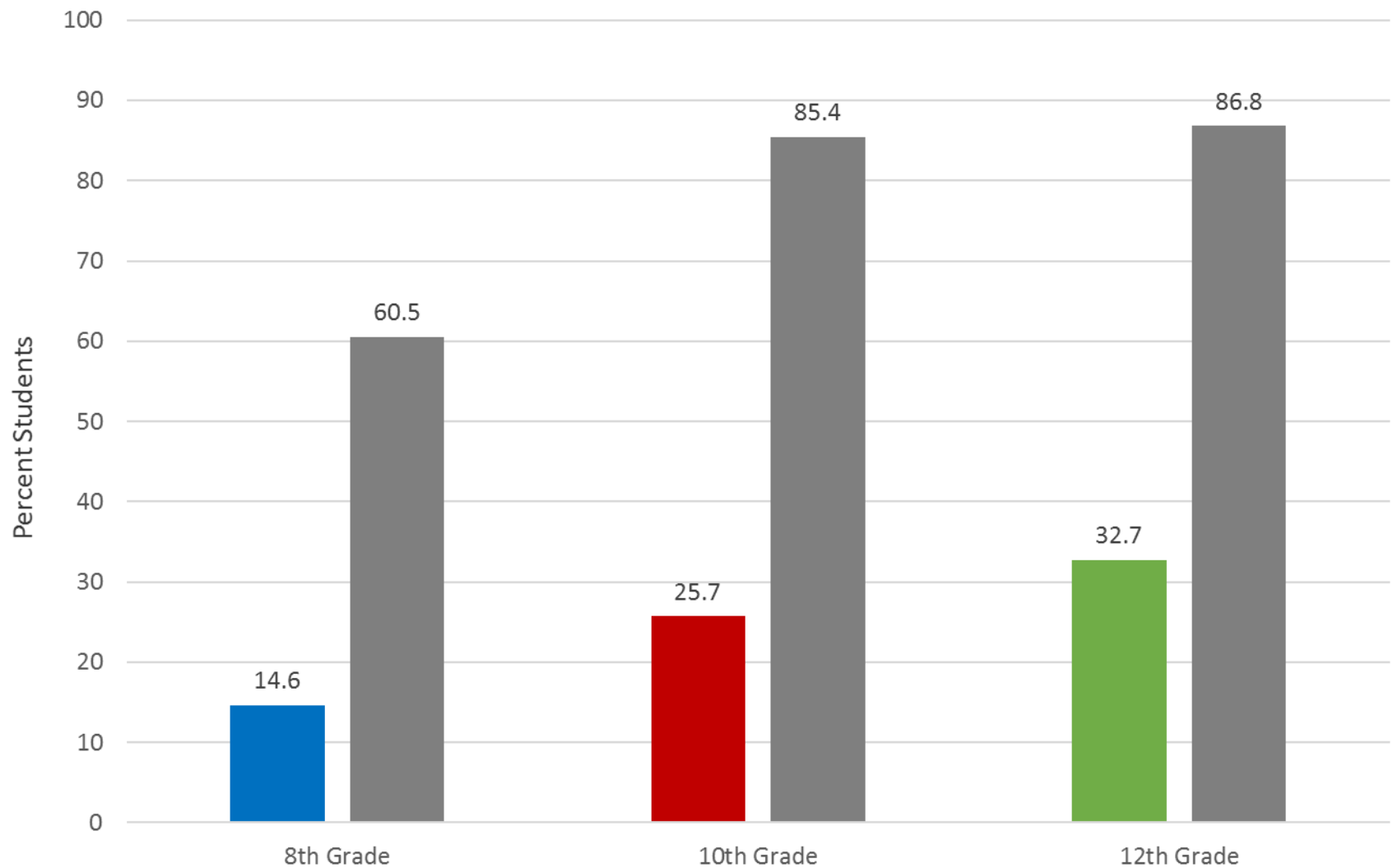
Percent Students

	8th Grade	10th Grade	12th Grade
Students Who Reported Use in the Past 30 Days	14.6	25.7	32.7
Students Who Think Those in Their Grade Used in the Past 30 Days	60.5	85.4	86.8

■ Students Who Reported Use in the Past 30 Days   ■ Students Who Think Those in Their Grade Used in the Past 30 Days

Cigarettes, E-Cigarettes, And Chewing Tobacco Data

Lifetime Use of Cigarettes, E-Cigarettes, and Chewing Tobacco

	8th Grade	10th Grade	12th Grade	Total
Cigarettes	10.2 9.8	17.4 17.5	24.9 28.3	17.3 18.2
E-Cigarettes	11.4 17.5	23.2 29.0	35.7 33.8	23.1 26.6
Chewing Tobacco	7.6 6.9	14.2 10.2	17.3 14.2	13.0 10.3

■ Tioga County Data
■ National Data

Use of Cigarettes, E-Cigarettes, and Chewing Tobacco in the Past 30-Days

	8th Grade	10th Grade	12th Grade	Total
Cigarettes	1.9	7.6	8.3	6.0
	2.6	4.9	10.5	5.9
E-Cigarettes	7.7	13.2	18.1	12.8
	6.2	11.0	12.5	9.9
Chewing Tobacco	1.3	7.9	7.0	5.5
	2.5	3.5	6.6	4.1

■ Tioga County Data
■ National Data

Student Cigarette Use: Actual Vs. Perception

Chart showing "Percent of Students" (y-axis, 0 to 90) by "Grade Levels" (x-axis).

8th Grade: Students Who Reported Cigarette Use: 1.9; Students Who Think Those in Their Grade have Used a Cigarette in the Past 30 Days: 51.7
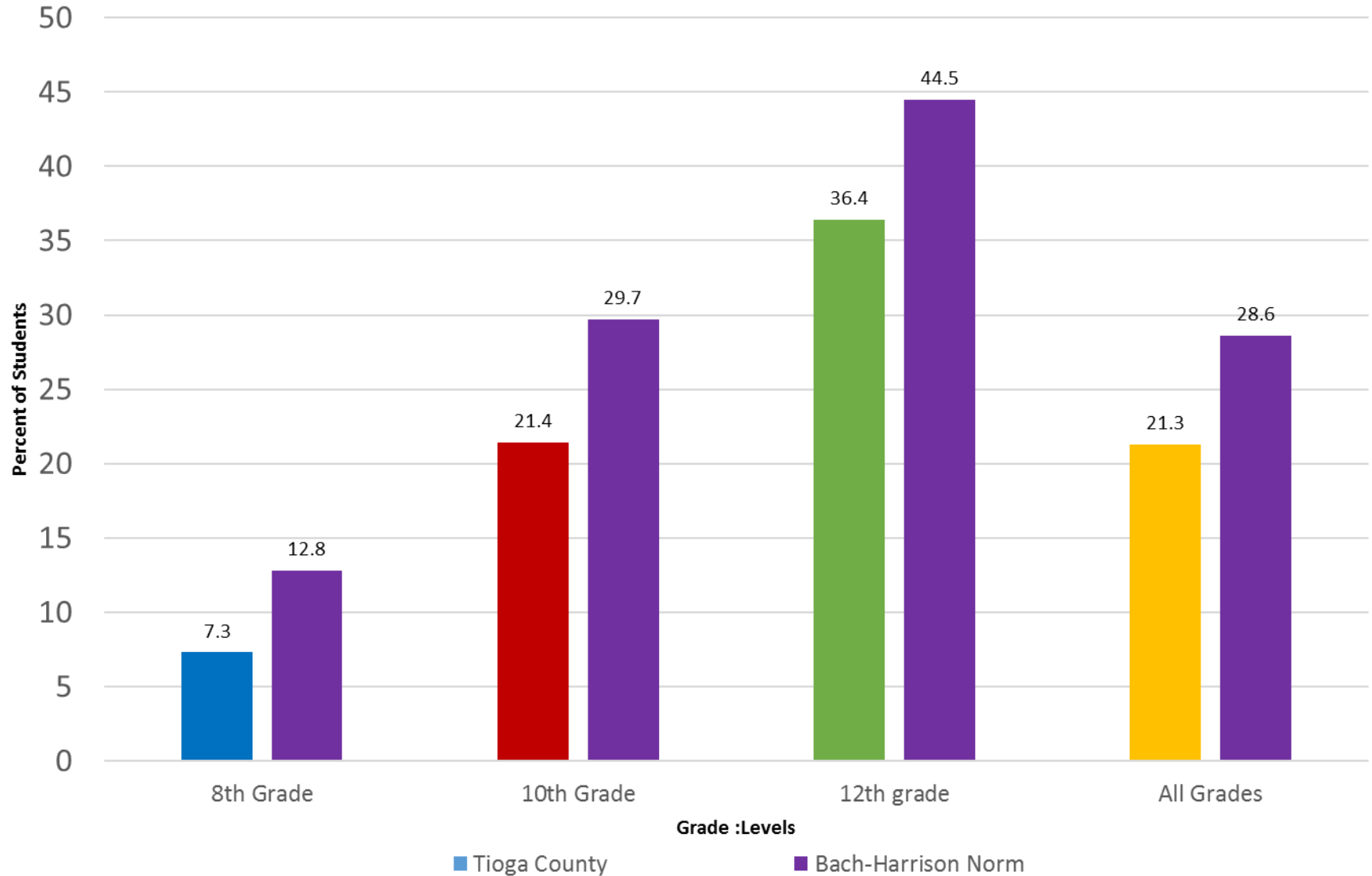
10th Grade: Students Who Reported Cigarette Use: 7.6; Students Who Think Those in Their Grade have Used a Cigarette in the Past 30 Days: 79.5

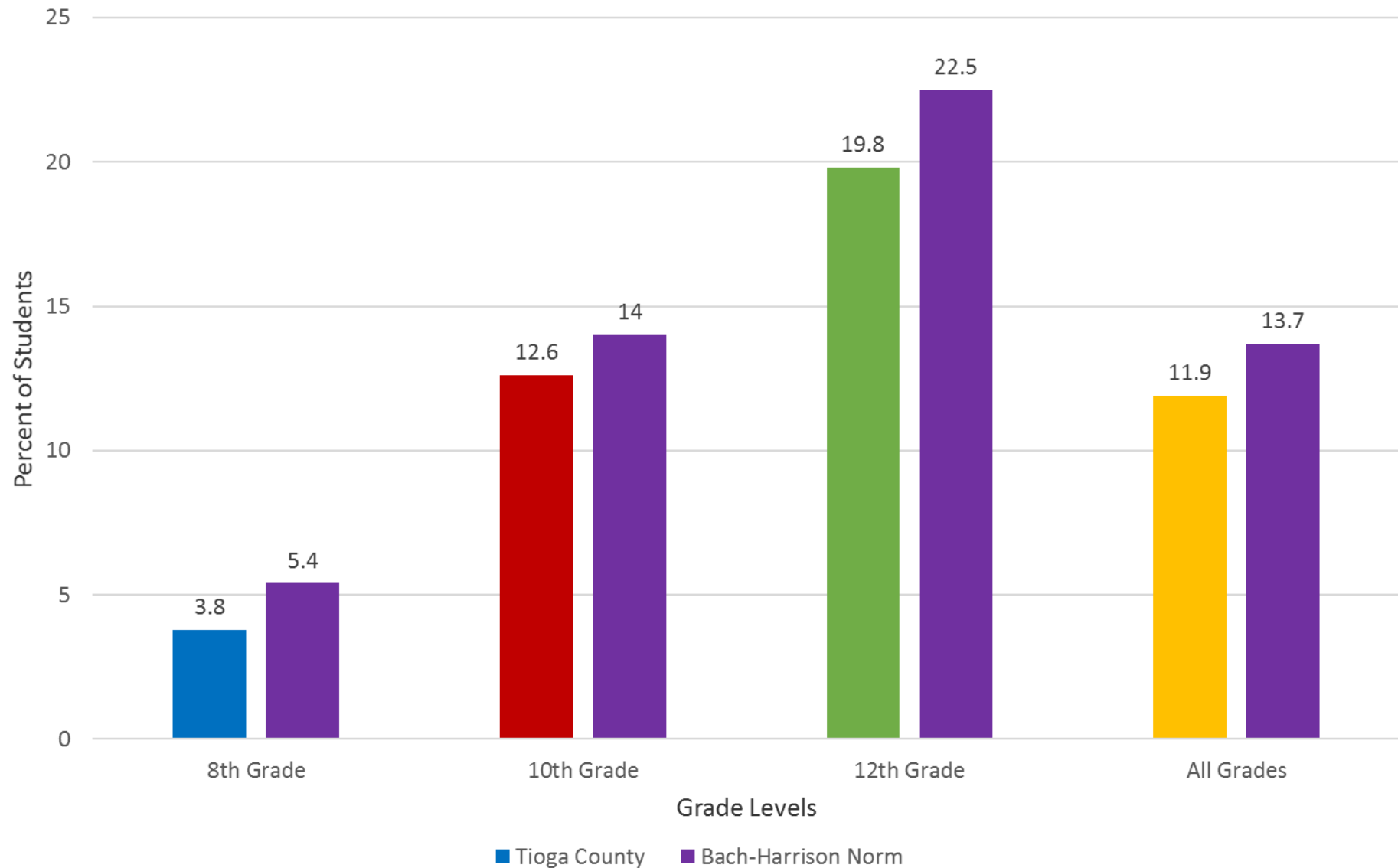**12th Grade:** Students Who Reported Cigarette Use: 8.3; Students Who Think Those in Their Grade have Used a Cigarette in the Past 30 Days: 83.9

■ Students Who Reported Cigarette Use   ■ Students Who Think Those in Their Grade have Used a Cigarette in the Past 30 Days

Lifetime Use of Marijuana


Bar chart titled "Lifetime Use of Marijuana" comparing Tioga County and Bach-Harrison Norm across grade levels. Y-axis: Percent of Students (0–50). X-axis: Grade Levels.

- 8th Grade: Tioga County 7.3, Bach-Harrison Norm 12.8
- 10th Grade: Tioga County 21.4, Bach-Harrison Norm 29.7
- 12th grade: Tioga County 36.4, Bach-Harrison Norm 44.5
- All Grades: Tioga County 21.3, Bach-Harrison Norm 28.6

Legend: ■ Tioga County ■ Bach-Harrison Norm

Use of Marijuana in the Past 30-Days

How much does someone risk harming themselves if they smoke marijuana regularly (physically or in other ways)?
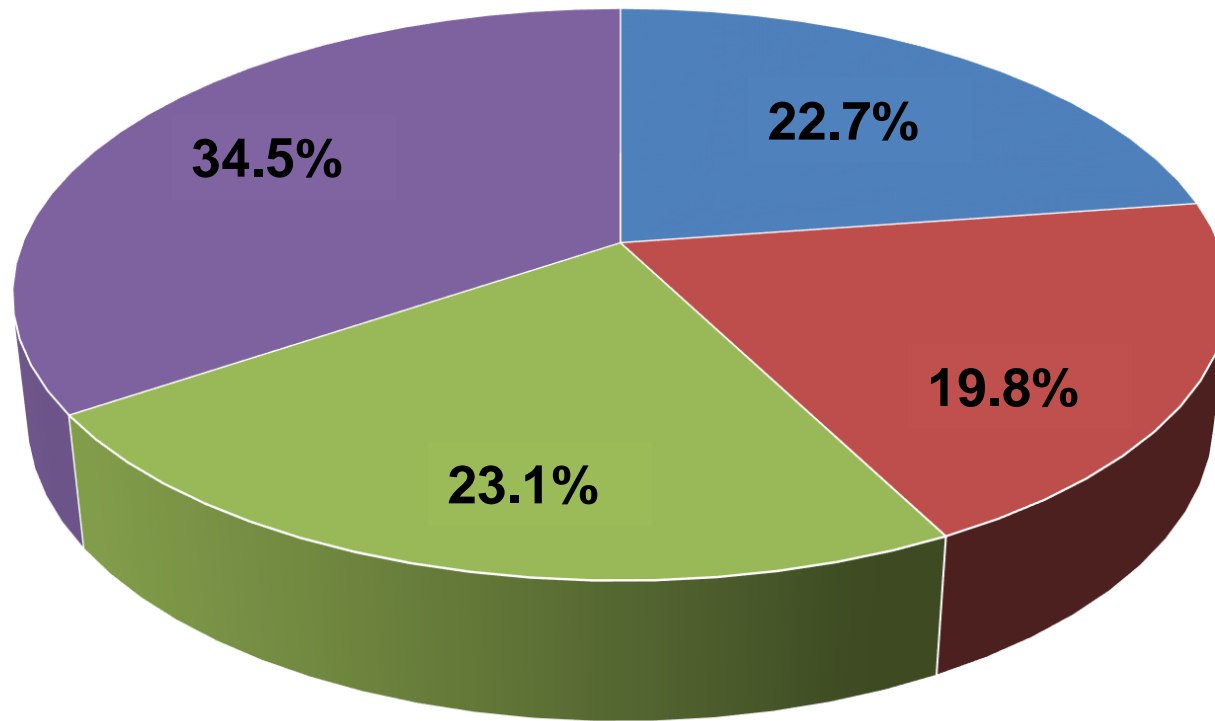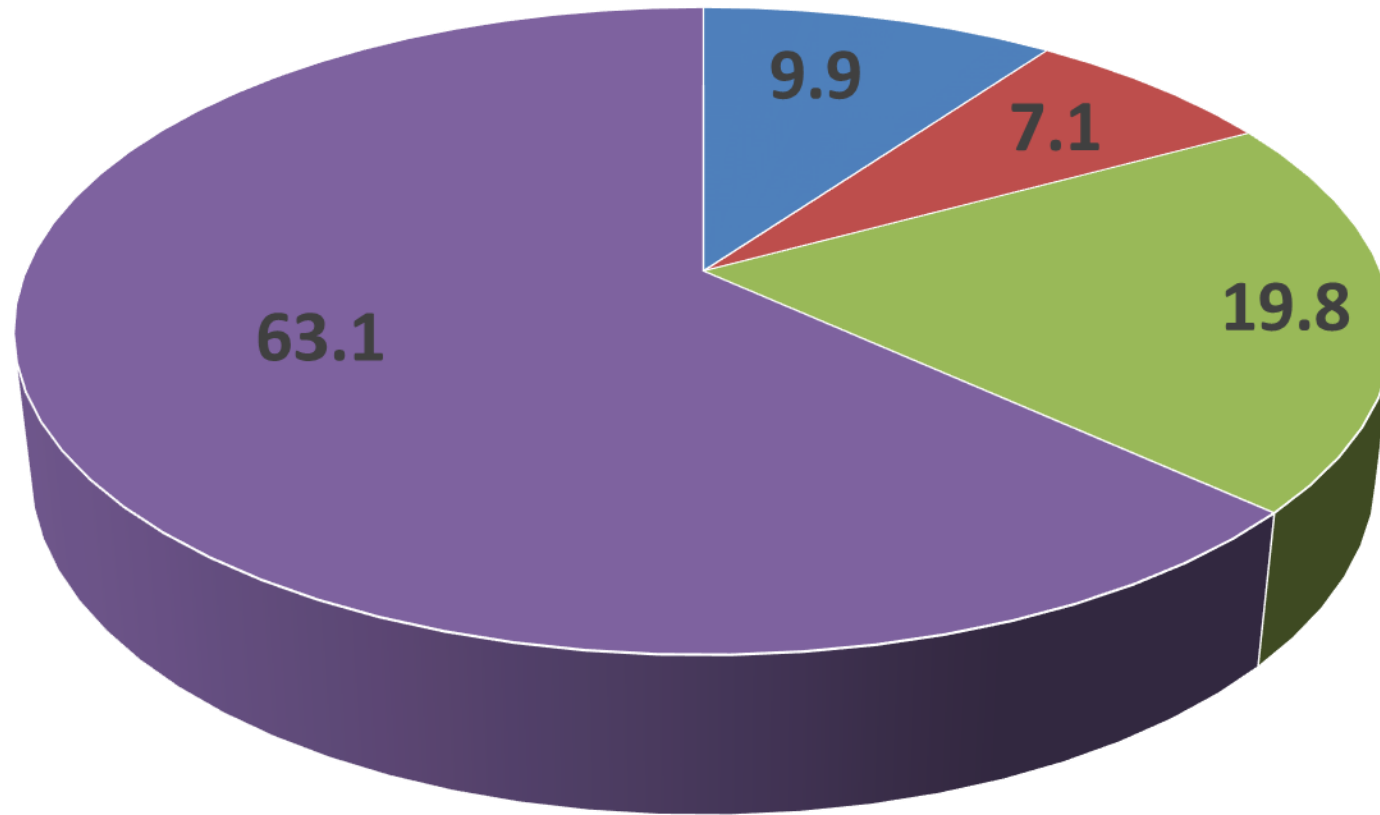

22.7%

19.8%

23.1%

34.5%

- No Risk
- Slight Risk
- Moderate Risk
- Great Risk

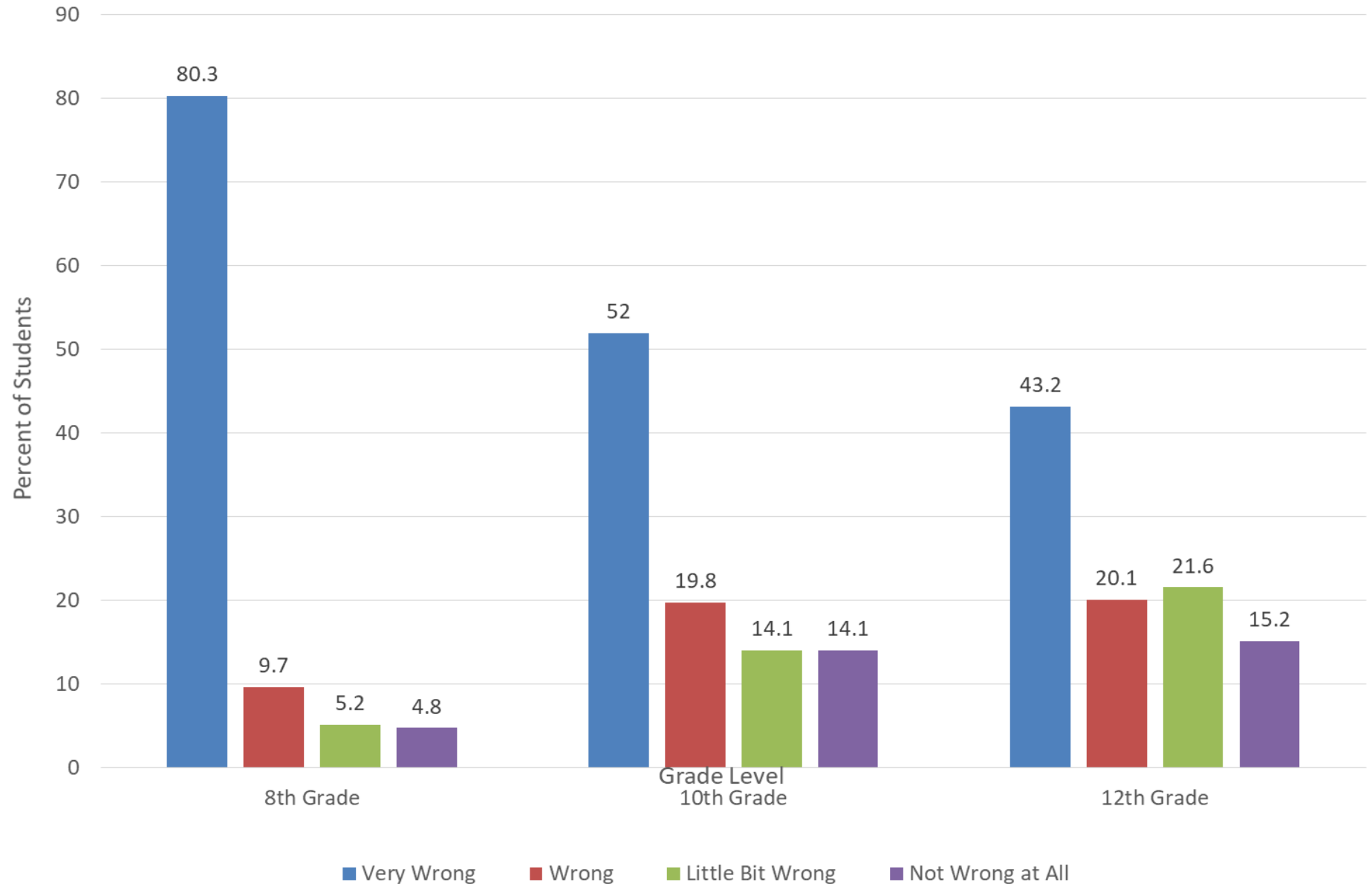# How much do you think people risk harming themselves if they drink 5 or more drinks once or twice each week?

10.3

14.2

29.9

45.6

■ No Risk ■ Slight Risk ■ Moderate Risk ■ Great risk
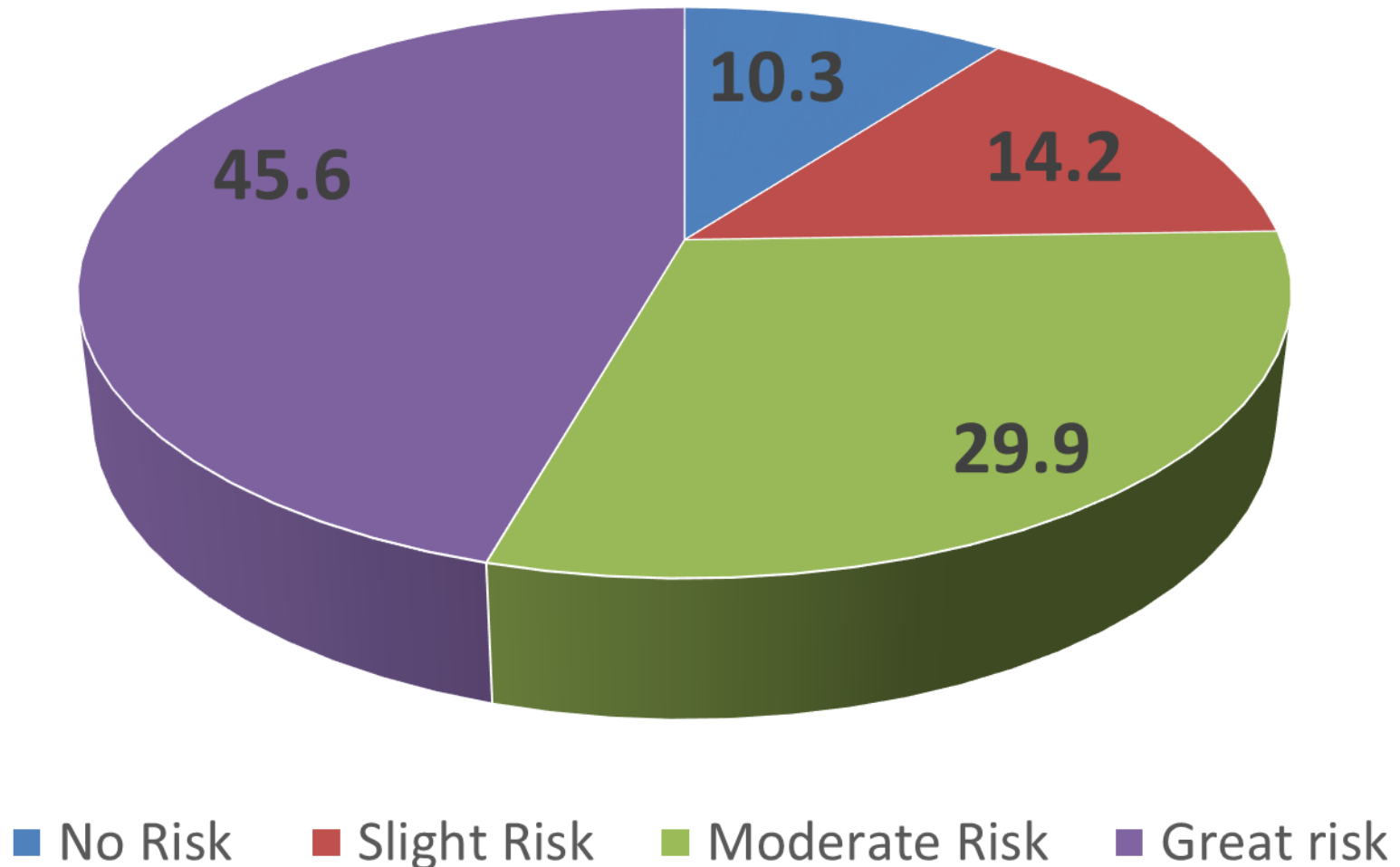
How much do you think people risk harming themselves if they use prescription drugs that are not prescribed to them?
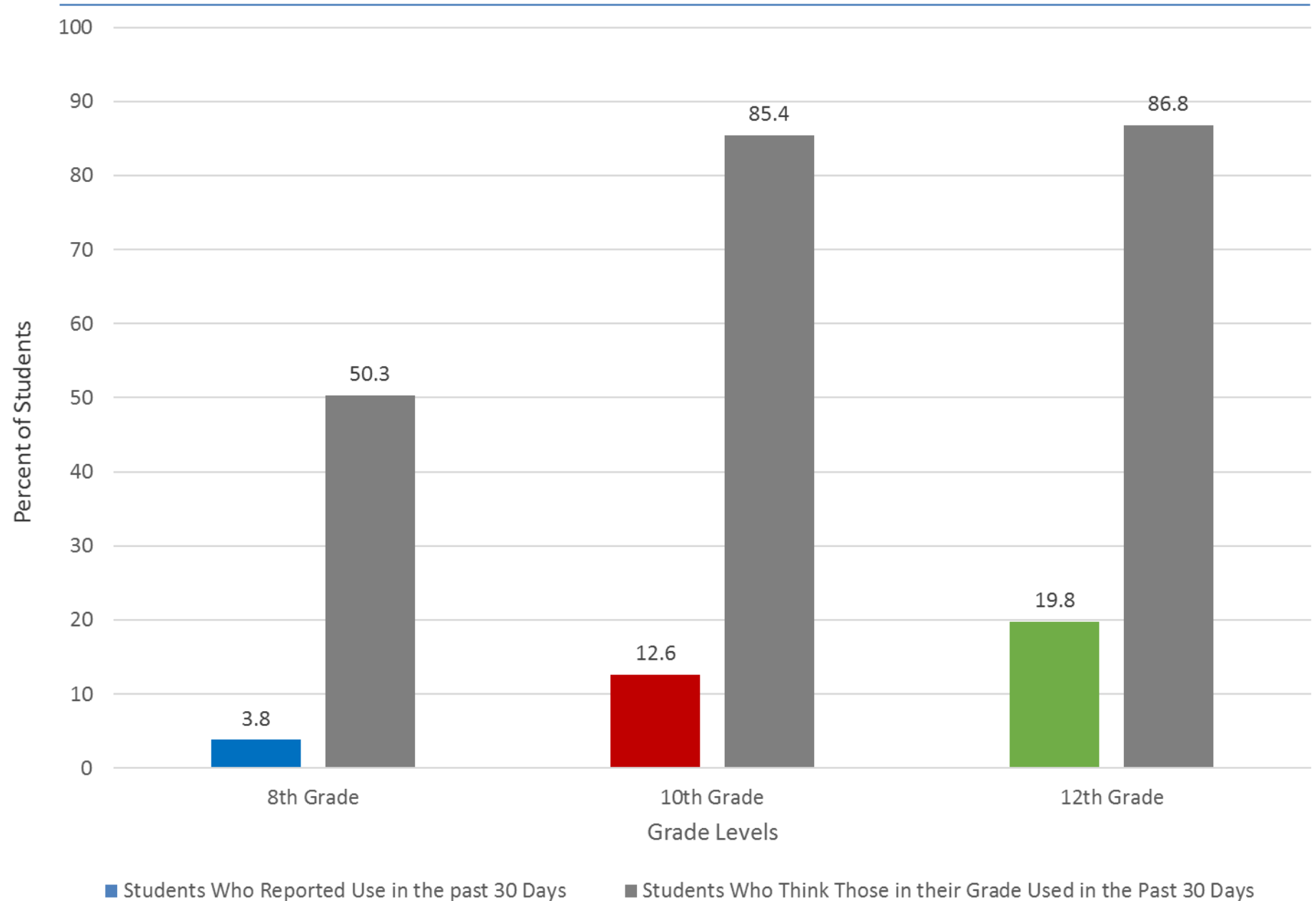

9.9

7.1

19.8

63.1

■ No Risk   ■ Slight Risk   ■ Moderate Risk   ■ Great Risk

How wrong do you think it is for someone your age to smoke marijuana?

Chart showing "Percent of Students" by "Grade Level" with four response categories: Very Wrong, Wrong, Little Bit Wrong, Not Wrong at All.

Grade Level	Very Wrong	Wrong	Little Bit Wrong	Not Wrong at All
8th Grade	80.3	9.7	5.2	4.8
10th Grade	52	19.8	14.1	14.1
12th Grade	43.2	20.1	21.6	15.2

Student Marijuana Use: Actual Vs. Perception

Percent of Students

8th Grade	10th Grade	12th Grade

Grade Levels

3.8 50.3 12.6 85.4 19.8 86.8

■ Students Who Reported Use in the past 30 Days   ■ Students Who Think Those in their Grade Used in the Past 30 Days

Opioid Data

HEROIN   MORPHINE   CODEINE   FENTANYL   MEPERIDINE   OXYCODONE
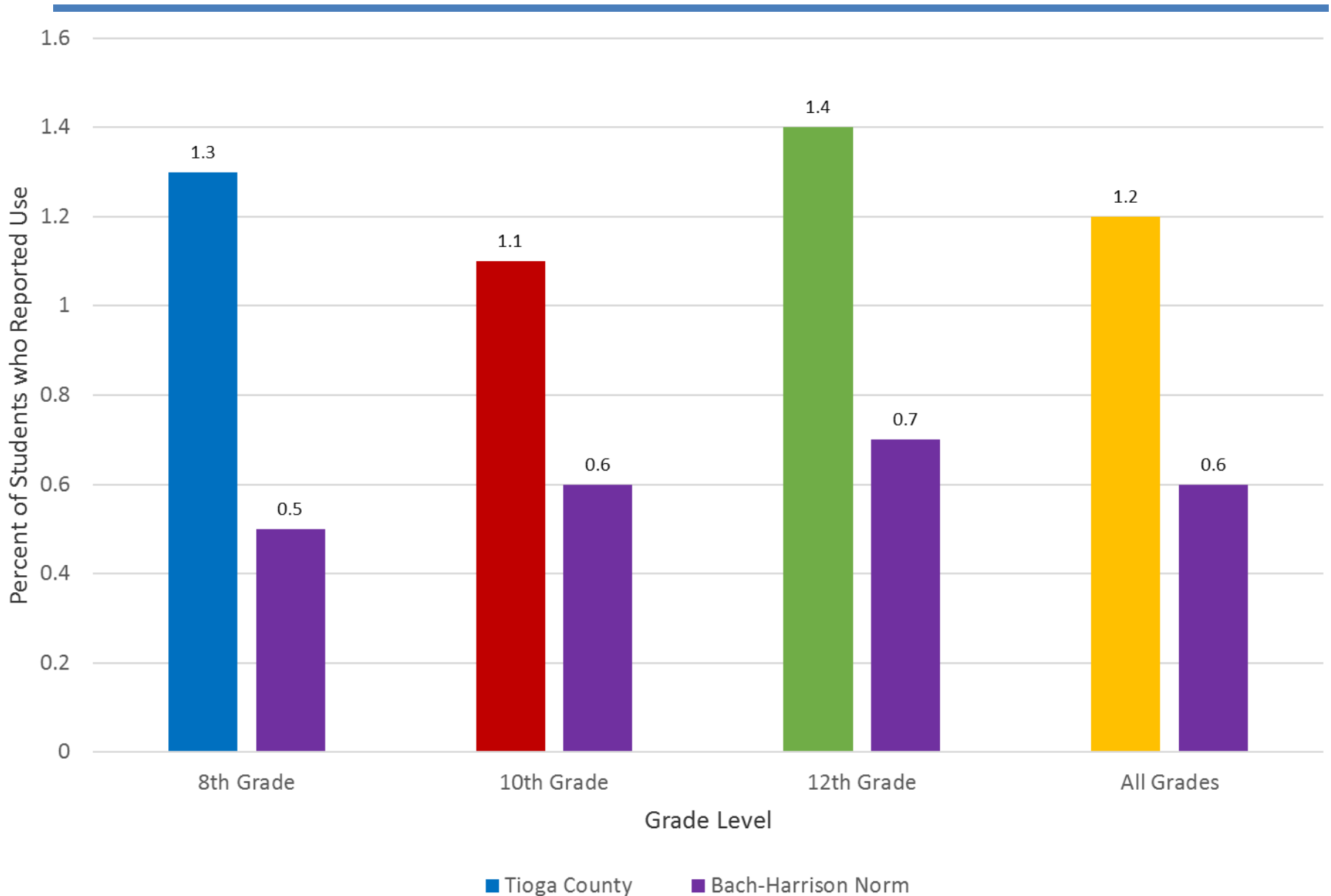
HYDROCODONE/DIHYDROCODEINONE   HYDROMORPHONE   OXYMORPHONE

Lifetime Use of Heroin

Bar chart titled "Lifetime Use of Heroin" showing Percent of Students who Reported Use by Grade Level, comparing Tioga County and Bach-Harrison Norm.

- 8th Grade: Tioga County 1.3, Bach-Harrison Norm 0.5
- 10th Grade: Tioga County 1.1, Bach-Harrison Norm 0.6
- 12th Grade: Tioga County 1.4, Bach-Harrison Norm 0.7
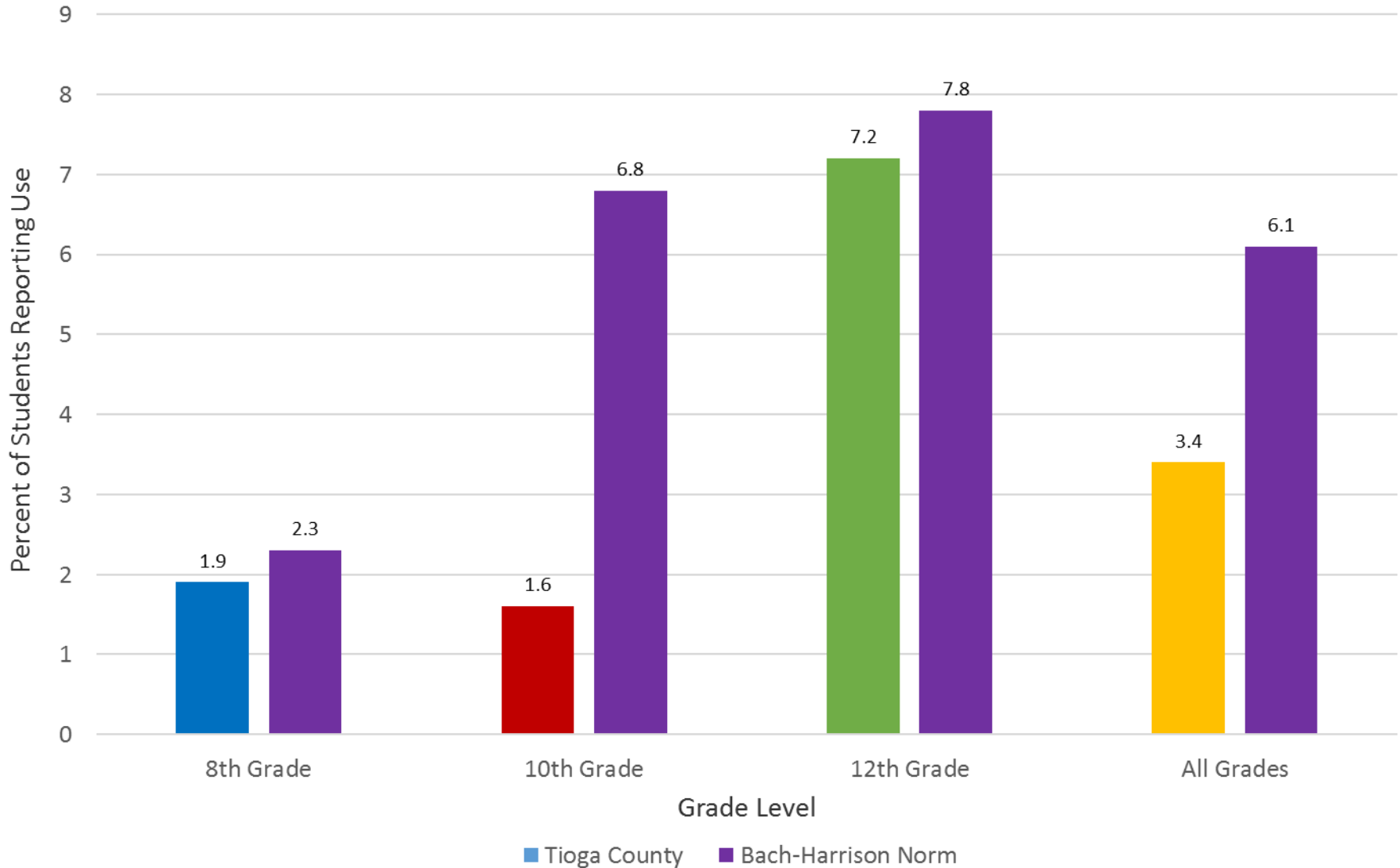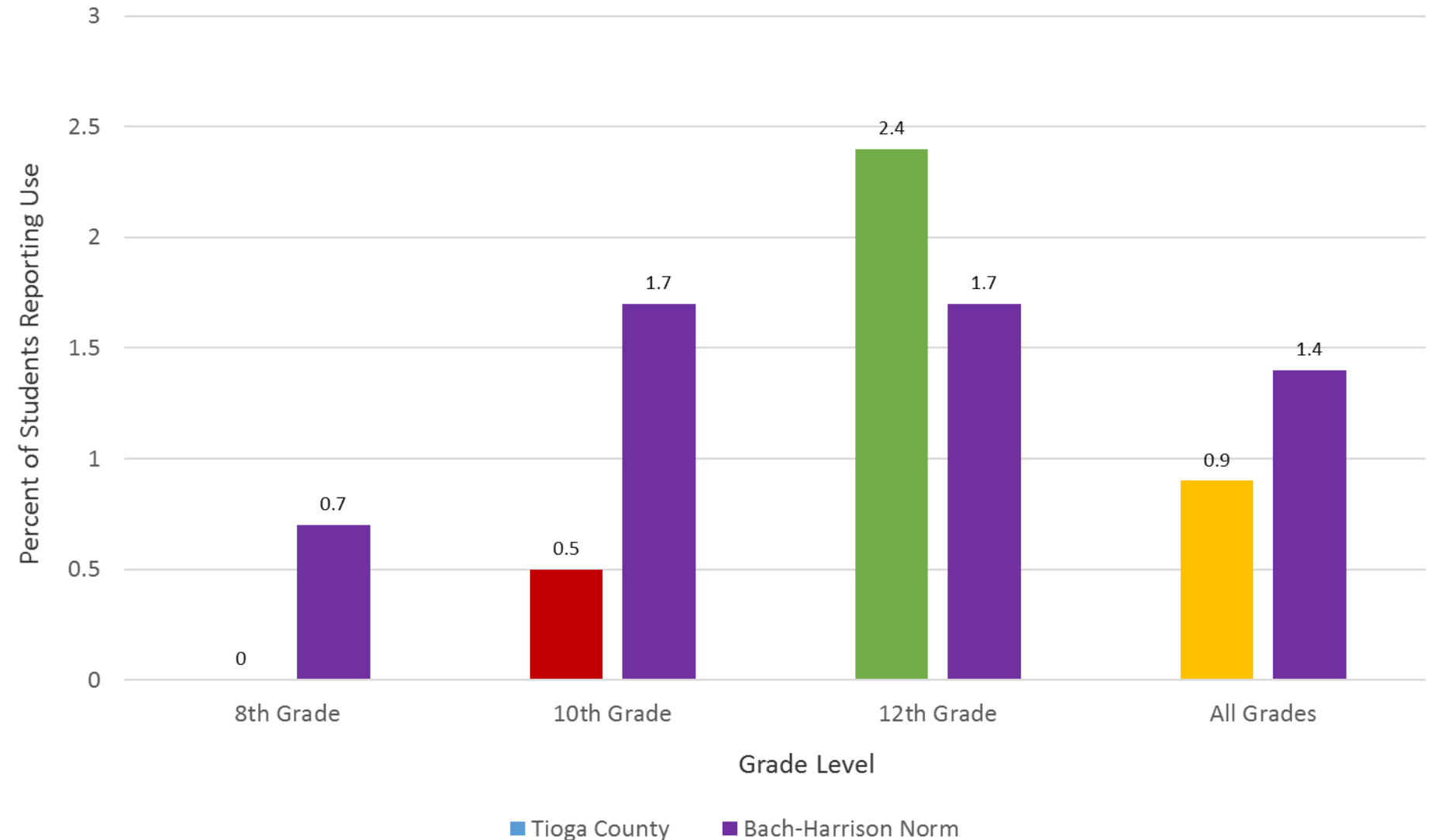- All Grades: Tioga County 1.2, Bach-Harrison Norm 0.6

Use of Heroin in the Past 30-Days
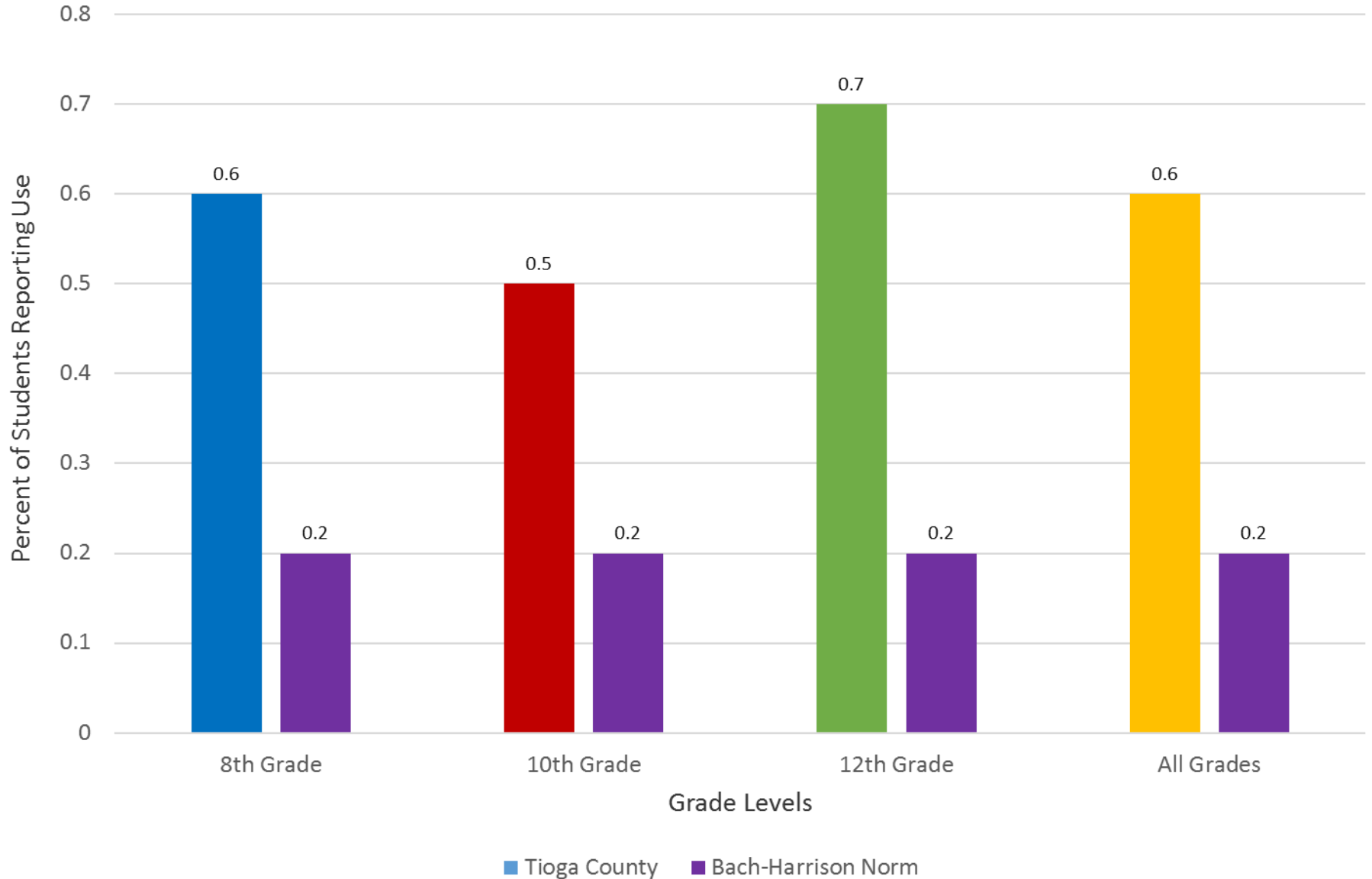
Lifetime Use of Other Narcotic Prescription Drugs (such as OxyContin, methadone, morphine, codeine, Demerol, Vicodin, or Percocet)

Percent of Students Reporting Use

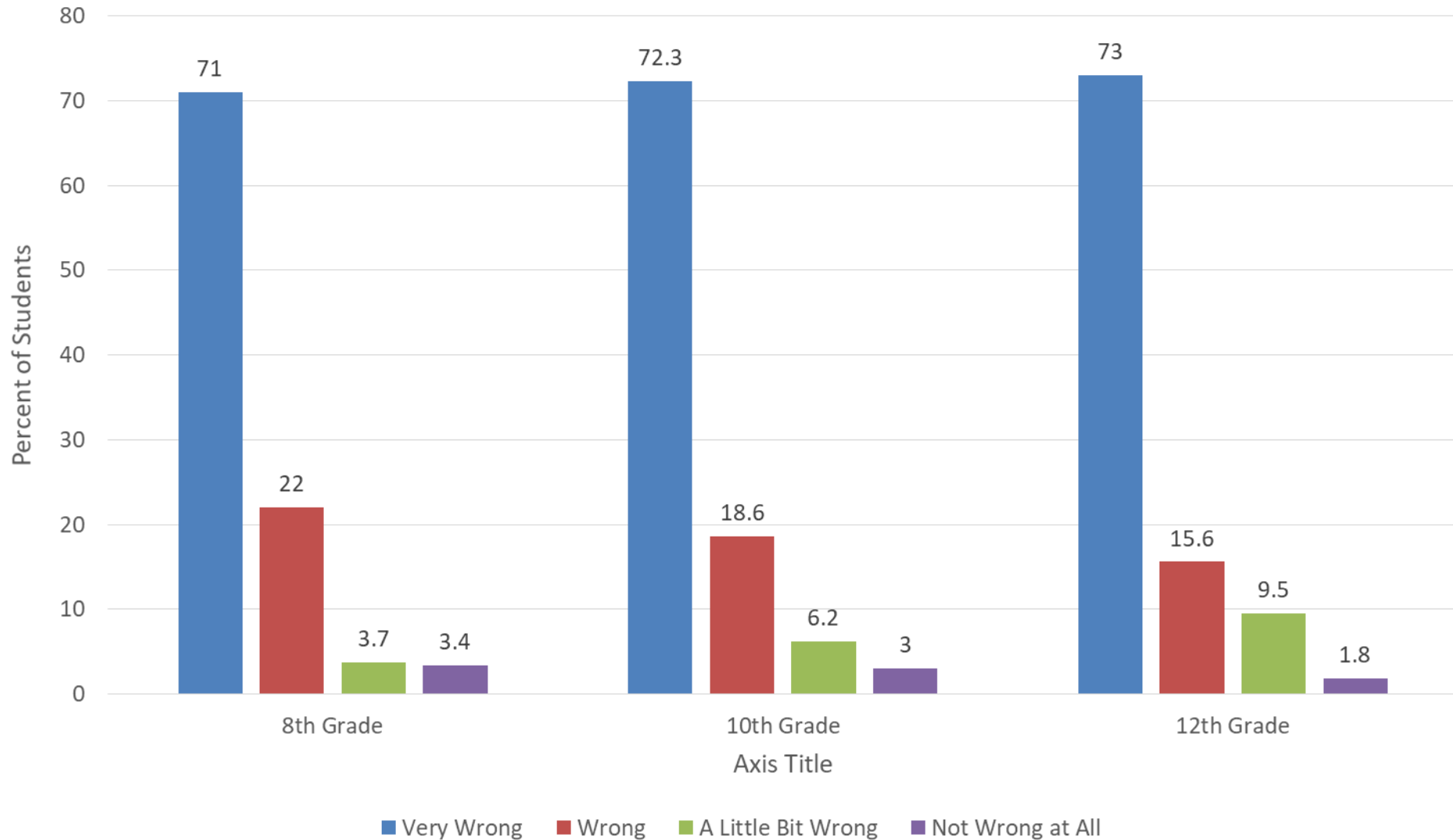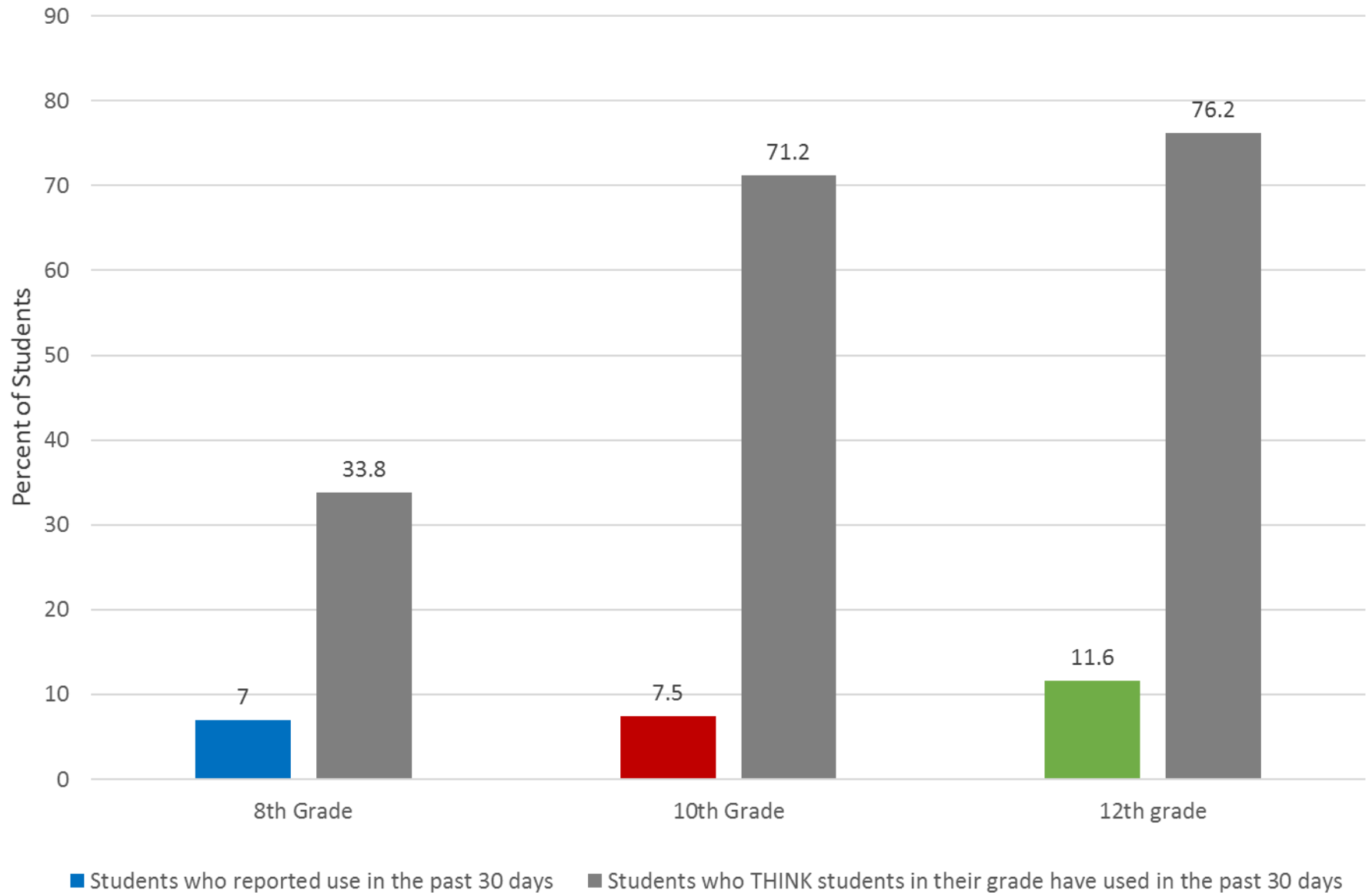| Grade Level	Tioga County	Bach-Harrison Norm
8th Grade	1.9	2.3
10th Grade	1.6	6.8
12th Grade	7.2	7.8
All Grades	3.4	6.1

■ Tioga County ■ Bach-Harrison Norm

Past 30-Day Use of Other Narcotic Prescription Drugs (such as OxyContin, methadone, morphine, codeine, Demerol, Vicodin, or Percocet)

Chart: Percent of Students Reporting Use by Grade Level

Grade Level	Tioga County	Bach-Harrison Norm
8th Grade	0	0.7
10th Grade	0.5	1.7
12th Grade	2.4	1.7
All Grades	0.9	1.4

Legend: ■ Tioga County ■ Bach-Harrison Norm

How wrong do you think it is for someone your age to use prescription pain relievers without doctor's orders?

Percent of Students

Grade	Very Wrong	Wrong	A Little Bit Wrong	Not Wrong at All
8th Grade	71	22	3.7	3.4
10th Grade	72.3	18.6	6.2	3
12th Grade	73	15.6	9.5	1.8

Axis Title

■ Very Wrong ■ Wrong ■ A Little Bit Wrong ■ Not Wrong at All

Student Illegal Drug Use: Actual Vs. Perception

Bar chart titled "Student Illegal Drug Use: Actual Vs. Perception." Y-axis labeled "Percent of Students" from 0 to 90.

8th Grade: Students who reported use in the past 30 days = 7; Students who THINK students in their grade have used in the past 30 days = 33.8

10th Grade: Students who reported use in the past 30 days = 7.5; Students who THINK students in their grade have used in the past 30 days = 71.2

12th grade: Students who reported use in the past 30 days = 11.6; Students who THINK students in their grade have used in the past 30 days = 76.2

Legend: ■ Students who reported use in the past 30 days ■ Students who THINK students in their grade have used in the past 30 days

Risk and Protective Factors

Risk and Protective Factors measure specific aspects of a youth's life experience that can help predict whether he/she will engage in problematic behaviors.

4 Domains:

➢ Community

➢ Family

➢ School

➢ Peer/Individual

Risk and Protective Factors

Risk Factor Examples

- **Community Domain-** Laws and Norms which are favorable to drug use

- **Family Domain-**Parental attitudes favoring drug use

- **School Domain-** Low commitment to school

- **Peer/Individual Domain-** Early Initiation of drug use

Protective factors

Risk factors

Tioga County Top 3 Risk Factors

1) **Perceived Risk of Drug Use** (Peer/Individual Domain)
   - 58.8% reporting this as a risk factor

2) **Parent Attitudes Favor Antisocial Behavior** (Family Domain)
   - 48.6% reporting this as a risk factor

3) **Laws & Norms Favor Drug Use** (Community Domain)
   - 47.6% reporting this as a risk factor

Risk and Protective Factors

Protective Factor Examples

- **Community Domain-** Rewards for pro-social involvement

- **Family Domain-** Family Attachment

- **School Domain-** Opportunities for pro-social involvement

- **Peer/Individual Domain-** Interaction

  with pro-social peers

Protective factors

Risk factors
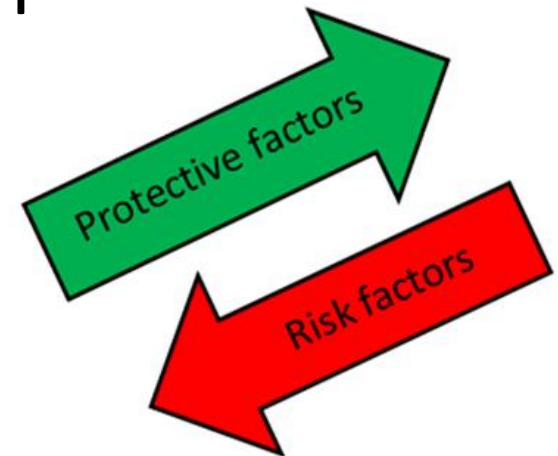
Tioga County Top 3 Protective Factors

1) **Belief the Moral Order** (Peer/Individual Domain)
   - 67.9% reporting this as a protective factor
2) **Rewards for Pro-social Involvement** (School Domain)
   - 65.4% reporting this protective factor
3) **Opportunity for Pro-social Involvement** (School Domain)
   - 65.4% reporting this protective factor

Tioga County Lowest Protective Factors

1) **Religiosity** (Peer/Individual Domain)
  - 24.4% reporting this as a protective factor

2) **Rewards for Pro-social Involvement** (Community Domain)
  - 36.2% reporting this protective factor

3) **Interaction with Pro-social Peers** (Peer/Individual Domain)
  - 45.1% reporting this protective factor

We Have Some Data….Now What??

1. Spread the Info! Share our Facebook Live video of this presentation to anyone and everyone.
2. Find us on Facebook, Like our page, Share our posts and events : @TiogaASAP
3. Create strategic programming to decrease risk factors and increase protective factors.
4. Watch for opportunities to get involved with Tioga ASAP and community partners through events, activities, and volunteer opportunities.
5. FINALLY…….COLLECT MORE DATA!!!

Questions?