

# The Fundamentals of Understanding and Using Data in Prevention, Part 4: Practicing Your Data Skills Learning Lab

March 7, 2024

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## Workbook for Practice Exercises 1 & 2

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# Practice Exercise 1: Prioritizing Your Data

## Activity Instructions

1. Designate someone in your group to be the notetaker/scribe. They will write down the themes/information you find as you move through the activity
2. The link to complete the activity can be found here:  
<https://forms.gle/PQ8ZMo8pWDSTvTCY8>
  - The scribe will enter the information and complete the mock strategy grid using this form
3. Read through the practice scenario below
4. Review the mock data charts and pull out the key information
5. Complete the copy of the strategy grid found on page 5 (the XY axis criteria have been provided for you), and your scribe will enter the relevant information using the form. Keep in mind the goals of the scenario!
6. Be ready to share your results back in the larger group

## Practice Scenario

- You are a group of prevention professionals at a state agency. You have been asked by the Governor to help identify the key substance use prevention priorities for the state as part of a 3-year strategic planning effort
- The budget for prevention in the state is small, but the Governor wants to use the information you provide to apply for additional funds to implement evidence-based programs and practices
- Using data from the past few years, complete a strategy grid that you will present to the Governor that gives them options on current community needs
- As part of your discussion, also think about what other data you would want beyond this sample data

## Data Charts

Chart 1:

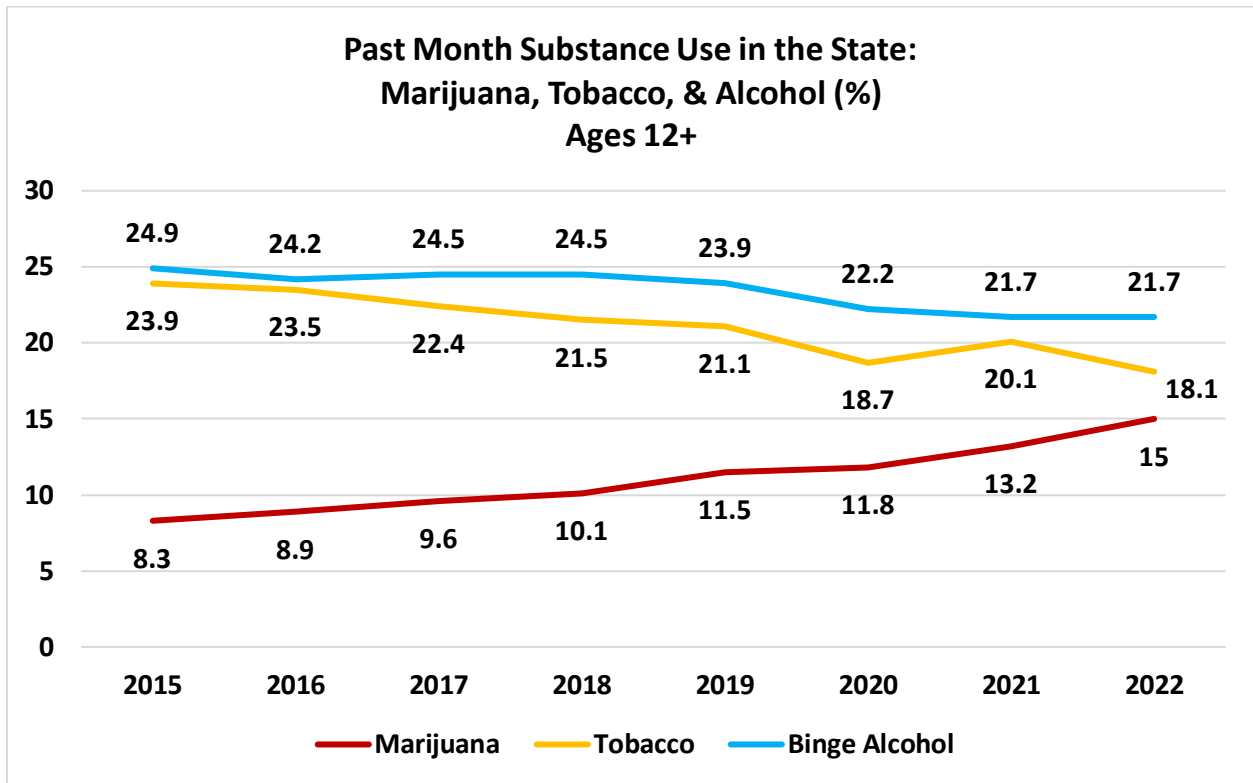


Chart 2:

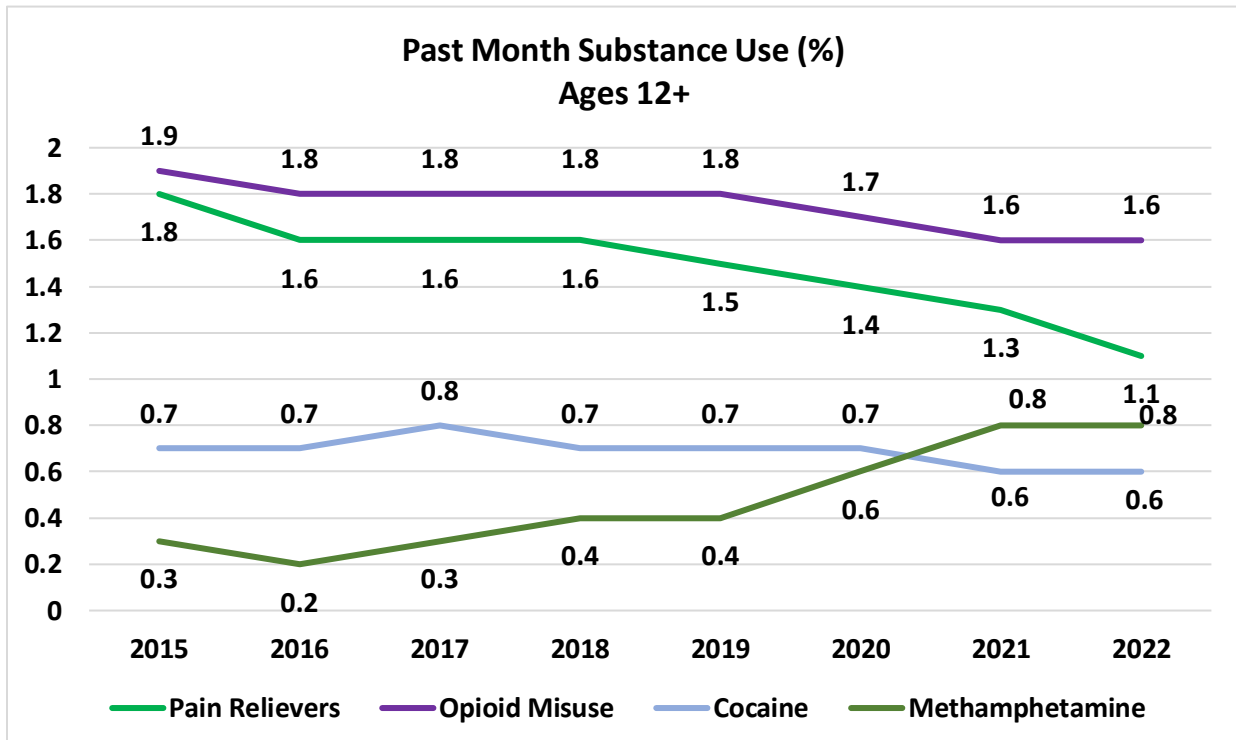


Chart 3:

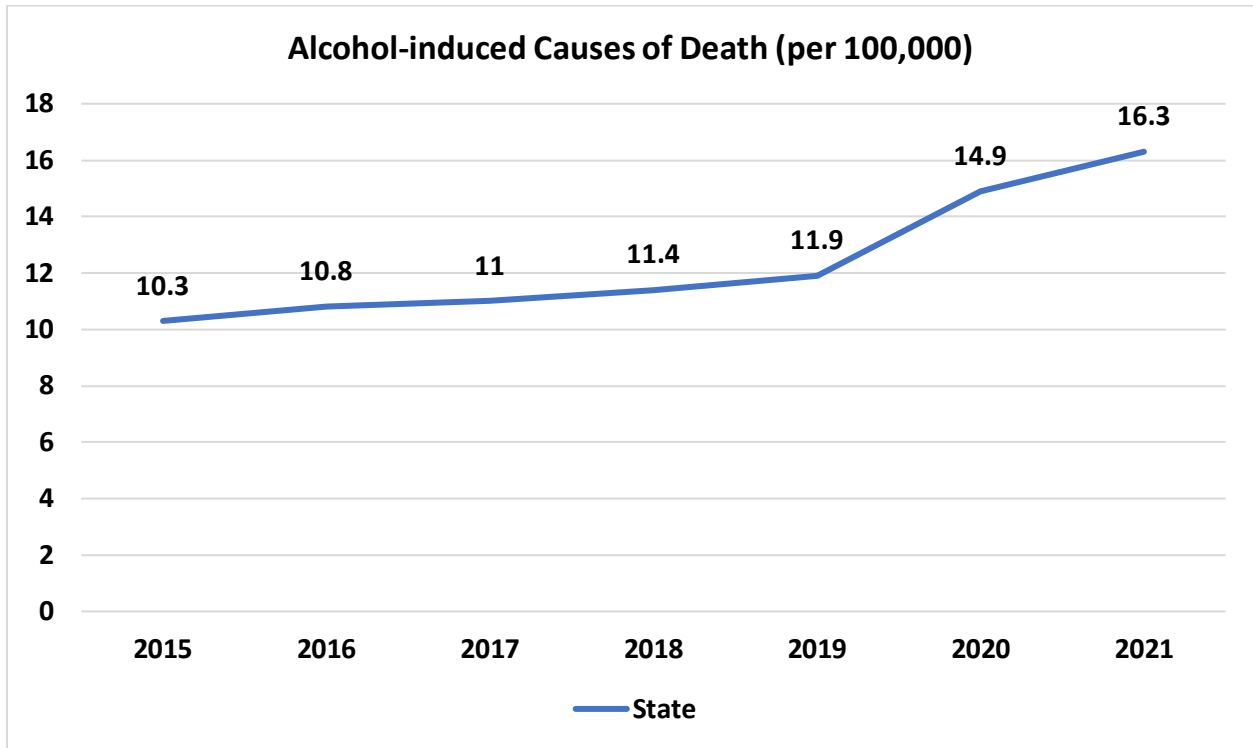
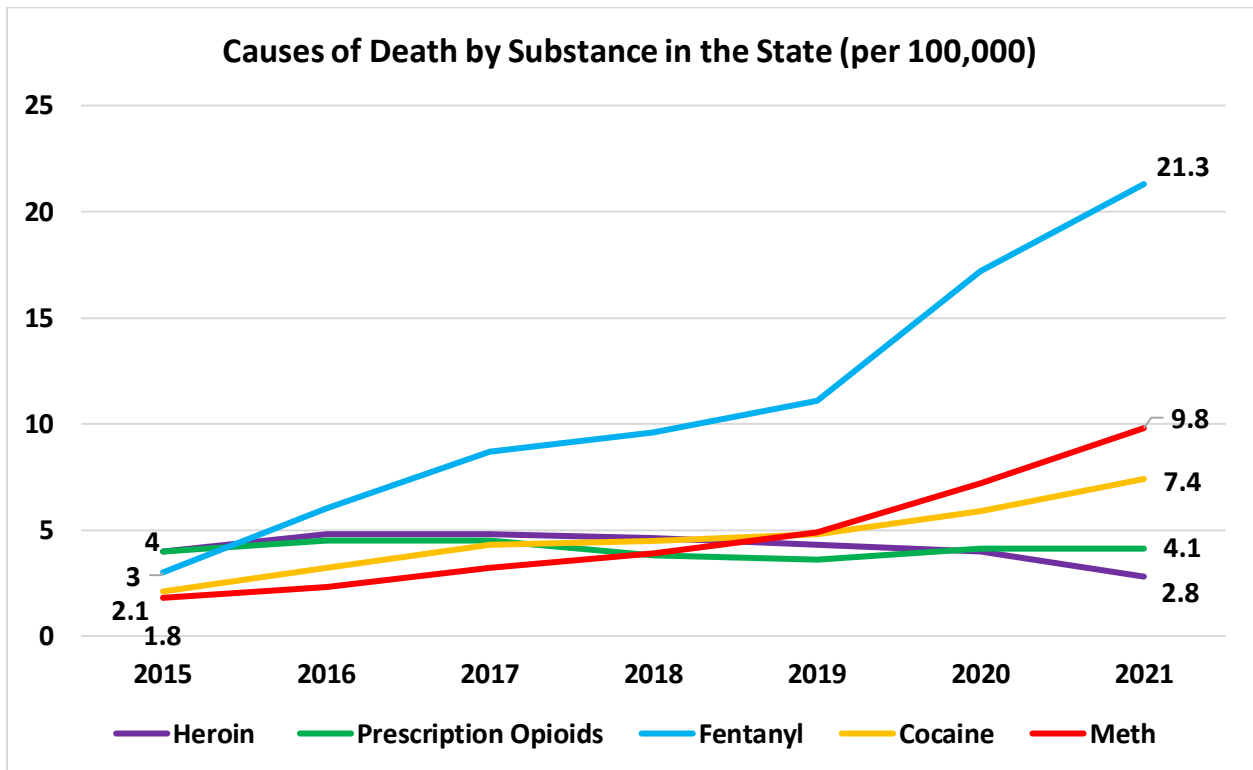
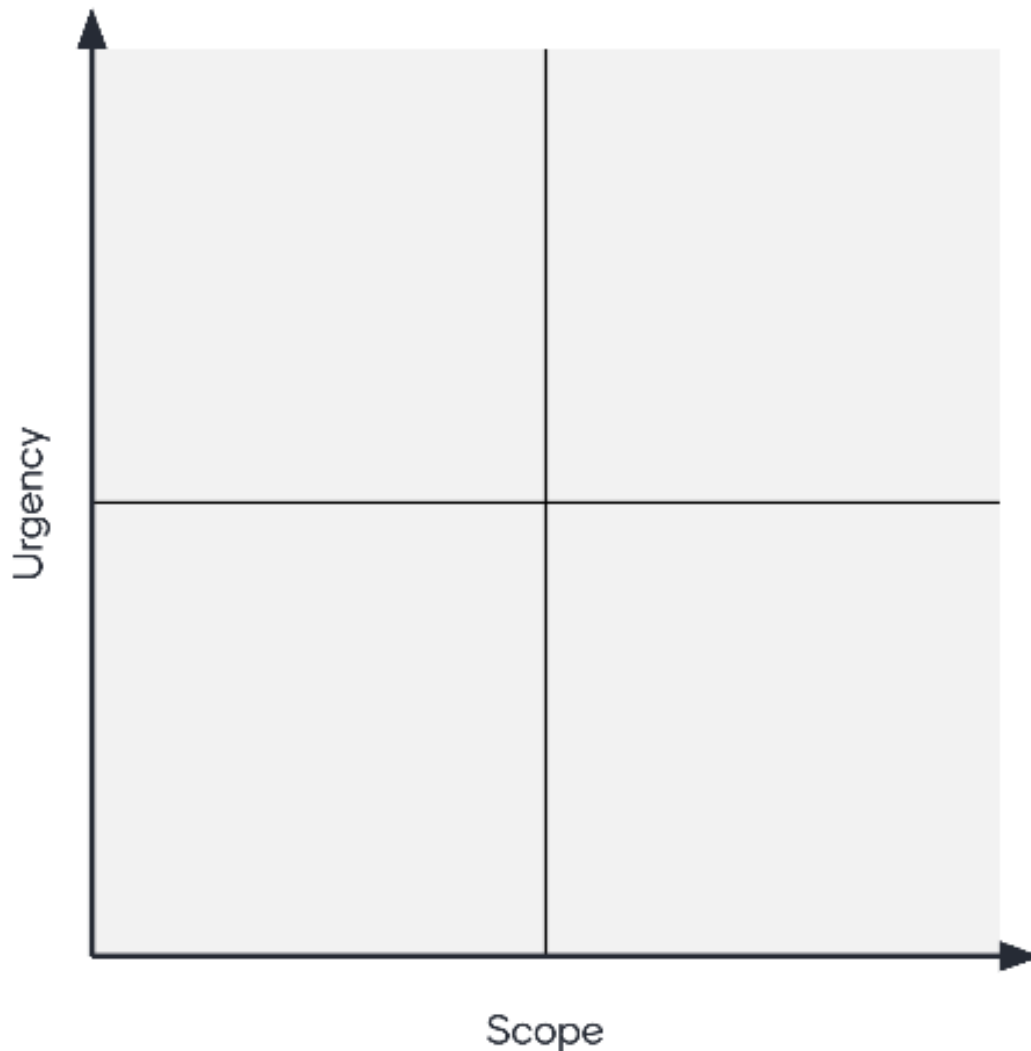


Chart 4:



## Complete Your Strategy Grid

1. Complete the strategy grid online at <https://forms.gle/PQ8ZMo8pWDSTvTCY8>
2. Once you have completed the strategy grid, please have the scribe submit the form and feel free to rejoin the main meeting room.



**END OF PRACTICE EXERCISE ONE**

# Practice Exercise 2: Data Visualization

## Activity Instructions

1. Designate someone in your group to be the notetaker/scribe. They will write down the themes/information you find as you move through the activity
2. The link to complete the activity can be found here:  
<https://forms.gle/Lub6ECESmg61Nnu27>
  - The scribe will enter the information your group comes up with using this form
3. Read through the practice scenario below
4. Review the data charts and pull out the key information
5. Complete your visualization
6. Be ready to share your results back in the larger group

## Practice Scenario

A local high school principal has asked for a 15-minute presentation to their school board on youth risks related to opioid use/overdose.

What to do:

1. Review the data charts below
2. Select the data points/sets to include in this presentation

Questions to answer:

3. Why did you choose this information?
4. Did you note any relevant data missing that would be important to note?  
Missing data points/sets? Missing demographic information?

Create your visualization:

5. Pick one data set and describe (or show) how you would visualize the data (bar chart, line graph, big number, any images you'd include, etc). Feel free to do more if time permits

## Data Charts

### Prescription Drug/Opioid Use Rates:

#### Past 30 Day Use High School Students

	School-Level	County	State
2019	3%	3%	4%
2021	5%	3%	4%
2023	7%	3%	3%

#### Lifetime Use High School Students

	School-Level	County	State
2019	12%	7%	4%
2021	9%	6%	7%
2023	7%	8%	7%

#### High School Students Who Have Misused a Prescription Drug

	School-Level	County	State
2019	35%	40%	41%
2021	32%	39%	39%
2023	27%	25%	25%

### Mental Health - High school students who reported that their mental health was most of the time or always not good\*:

#### 2023 County

Total	Female	Male
29.3	40.8	18.1

Race	Total	Female	Male
Total	29.3	40.8	18.1
American Indian or Alaska Native	31.3	45.4	19.4
Asian	22.8	31.2	14.3
Black or African American	26.5	35.8	17.3
Hispanic or Latino	29.7	43.3	15.6
Native Hawaiian or Other Pacific Islander	20.1	-----	-----
White	30.2	41.8	19.4
Multiple race	33	43	21.4

\* Poor mental health includes stress, anxiety, and depression, during the 30 days before the survey

### Overdose Rates - Fatal and (Reported) Non-fatal Overdoses:

#### 2023 County

Ages	Total	Non-fatal	Fatal
12-14	1	1	0
15-17	6	5	2
18-24	70	56	14
25-32	156	144	12

#### 2022 County

Ages	Total	Non-fatal	Fatal
12-14	1	1	0
15-17	3	2	1
18-24	80	62	18
25-32	160	145	15



**Children Under 18 Living with at Least One Adult Who Has a Substance Use Disorder**

	School-Level	County	State
2019	12%	10%	11%
2021	13%	12%	12%
2023	15%	13%	13%

**Number of Youth Who Rarely or Never Felt Able to Talk to a Parent or Another Caring Adult about Their Feelings**

2023

School	County	State
25%	26%	23%

**Number of Youth Who Feel Like They Matter in the Community**

2023

School	County	State
40%	50%	51%

**DEA Fentanyl / Fake Pill Seizures**

- In 2023, DEA seized more than 78.4 million fentanyl-laced fake pills.
- 2023 laboratory testing indicated 7 out of every 10 pills seized by DEA contained a lethal dose of fentanyl.
- DEA seized a record 74.5 million fentanyl pills in 2023, which exceeded 2022 total of 58 million pills.

## Sources of Prescription Drugs/Opioids Mis-used by Youth

Prescribed by Doctor	5%
Parents/Caregivers/Older Adults (given by or stolen from)	15%
Friends	25%
Purchased Locally (illegally)	3%
Internet/Social Media	52%

## Complete the Data Visualization Activity

1. Complete the data visualization activity online at <https://forms.gle/Lub6ECESmg61Nnu27>
2. Once you have completed the activity, please have the scribe submit the form and feel free to rejoin the main meeting room.

**END OF PRACTICE EXERCISE TWO**