

# Pre-Hospital Behavioral Health Summit – 10/23/2024 Agenda

**October 24, 2024**

**3p – 4:30p**

Zoom Meeting (details below)

- 3:00 – 3:10     **Welcome and Introductions**  
                  – David Carlbom & Participants
- 3:10 – 3:40     **Review of NW Region EMS Overdose Data**  
                  **EMS Office data & Unrestricted Opioid Dashboard**  
                  Discussion of Meaning  
                  – David Carlbom & Participants
- 3:40 – 4:10     **Medications for Opioid Use Disorder**  
                  Buprenorphine (Suboxone) & Methadone in the Fentanyl Era  
                  Clallam County Jail Successes  
                  - Dr. Berry
- 4:10 – 4:25     **Discussion of Barriers**– David Carlbom & Participants  
                  – David Carlbom & Participants
- 4:25 – 4:30     **Summit Wrap-Up & Next Steps**  
                  ? Next meeting: Wednesday, January 22, 2025 ?

## **Zoom**

<https://us06web.zoom.us/j/88208199183?pwd=Qv0FHlHw3F0jTgfguYU8LMRSaBVvPH.1>

Meeting ID: 882 0819 9183

Passcode: 123

## **Resources for Review**

- [Crisis Response Graphic generated @ 10/25/23 Summit Mtg](#)
- [BH Summit # 10- 7/24/24 Mtg Notes](#)
- [Provider Resource Booklet \(July 2024\)](#)
- [Yellow Card \(July 2024\)](#)

# Behavioral Health QI

## Opioid Data

David Carlbom, MD

October 23, 2024

# The Continuous QI Model

- Healthcare is a process and focuses on the system rather than the individual when considering improvement opportunities
- Systems drive function; errors are predictable result of imperfect systems
- Opportunities for improvement exist in every process on every occasion
  - Safer
  - More resilient
  - More equitable
  - More pleasant to work in

# Leading Causes of Injury Deaths by Age Group

## NW EMS Region

2019-2023

Rank	Age Groups (years)							
	0-4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
1	Unintentional Suffocation <10	Unintentional Motor Vehicle Traffic <10	Unintentional Motor Vehicle-Traffic 37	Unintentional Poisoning 127	Unintentional Poisoning 141	Unintentional Poisoning 110	Unintentional Poisoning 121	Unintentional Falls 419
2	Undetermined Drowning <10	Suicide Firearm <10	Unintentional Poisoning 34	Suicide Firearm 45	Unintentional Motor Vehicle-Traffic 34	Unintentional Motor Vehicle Traffic 29 Suicide Firearm 29	Unintentional Motor Vehicle Traffic 36	Suicide Firearm 124
3			Suicide Suffocation 18	Unintentional Motor Vehicle Traffic 41	Suicide Firearm 31	Suicide Suffocation 17	Unintentional Fall 31	Unintentional Poisoning 52
4			Suicide Firearm 14	Suicide Suffocation 27	Suicide Suffocation 22	Suicide Poisoning 12	Suicide Firearm 30	Unintentional Motor Vehicle-Traffic 49
<b>Total Injury Deaths</b>	<b>15</b>	<b>19</b>	<b>133</b>	<b>288</b>	<b>294</b>	<b>248</b>	<b>294</b>	<b>883</b>

# Leading Causes of Injury Hospitalizations by Age Group NW EMS Region

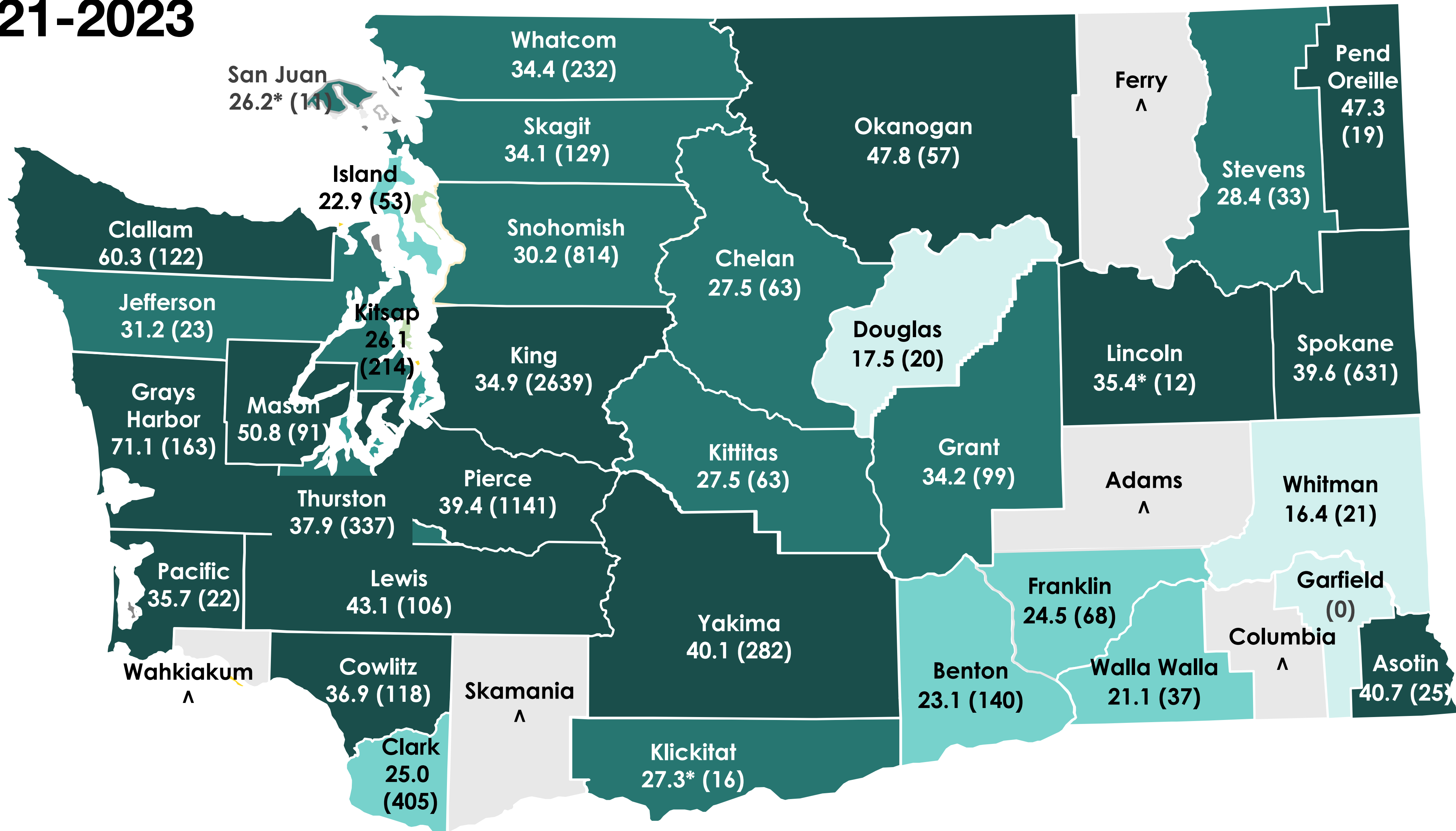
## 2019-2023

Rank	Age Groups (years)							
	0-4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
1	Unintentional Fall 31	Self-Inflicted Drug Poisoning 52	Self-Inflicted Drug Poisoning 128	Unintentional Motor Vehicle Traffic 133	Unintentional Fall 167	Unintentional Fall 328	Unintentional Fall 810	Unintentional Fall 5303
2	Unintentional Unspecified 31	Unintentional Fall 24	Unintentional Motor Vehicle Traffic 118	Unintentional Fall 109	Unintentional Motor Vehicle Traffic 95	Unintentional Unspecified 126	Unintentional Unspecified 256	Unintentional Unspecified 809
3	Assault Other Specified 23	Unintentional Unspecified 20	Unintentional Fall 56	Self-Inflicted Drug Poisoning 74	Unintentional Unspecified 88	Unintentional Motor Vehicle Traffic 96	Unintentional Drug Poisoning 167	Unintentional Drug Poisoning 214
4	Unintentional Fire/Burn 16	Unintentional Motor Vehicle Traffic 19	Unintentional Unspecified 34	Unintentional Drug Poisoning 71	Unintentional Drug Poisoning 79	Unintentional Drug Poisoning 89	Unintentional Motor Vehicle Traffic 134	Unintentional Motor Vehicle Traffic 196



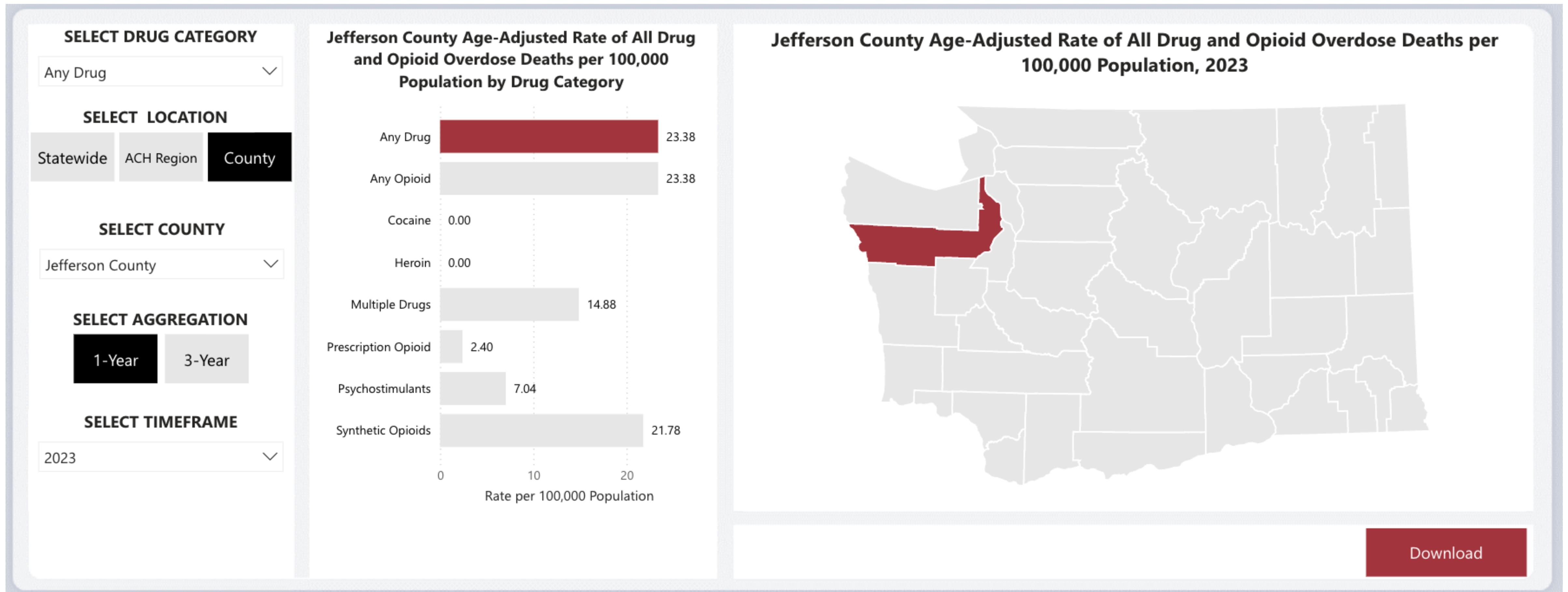
# Drug Overdose Death Rates

2021-2023



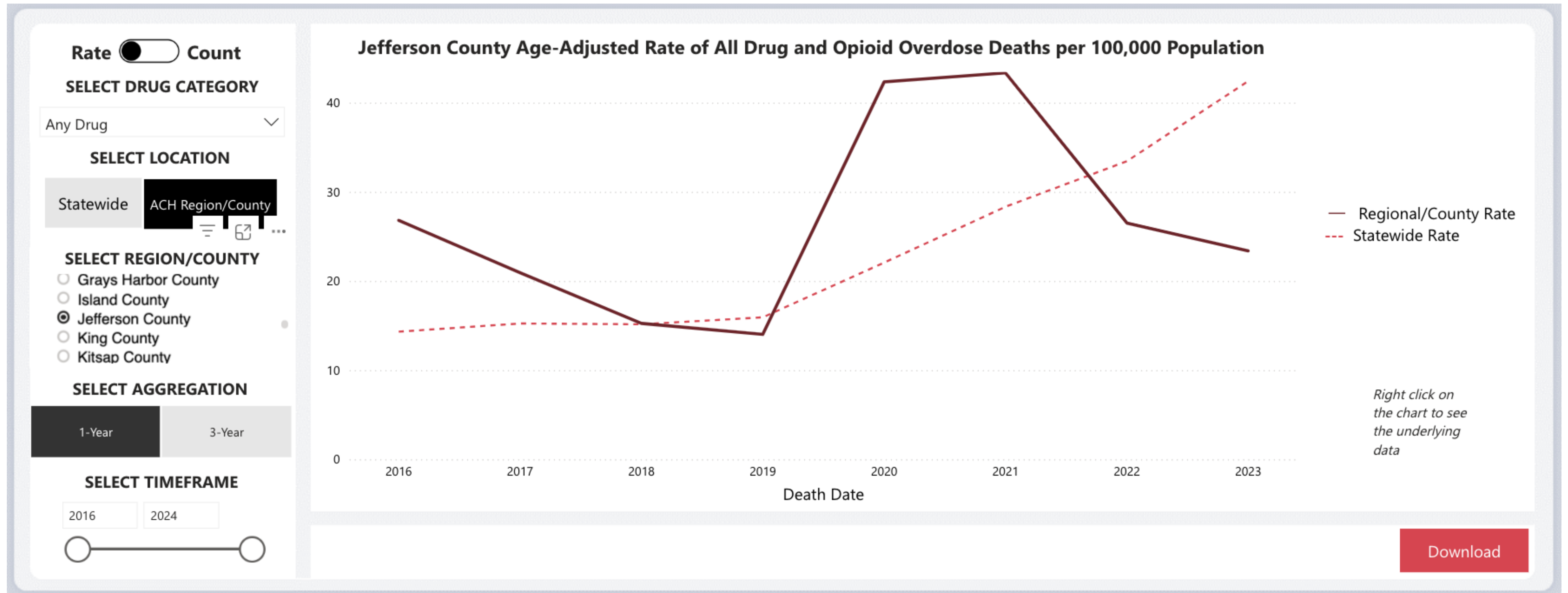
# Drug Overdose Death Rate: Jefferson

## 2023

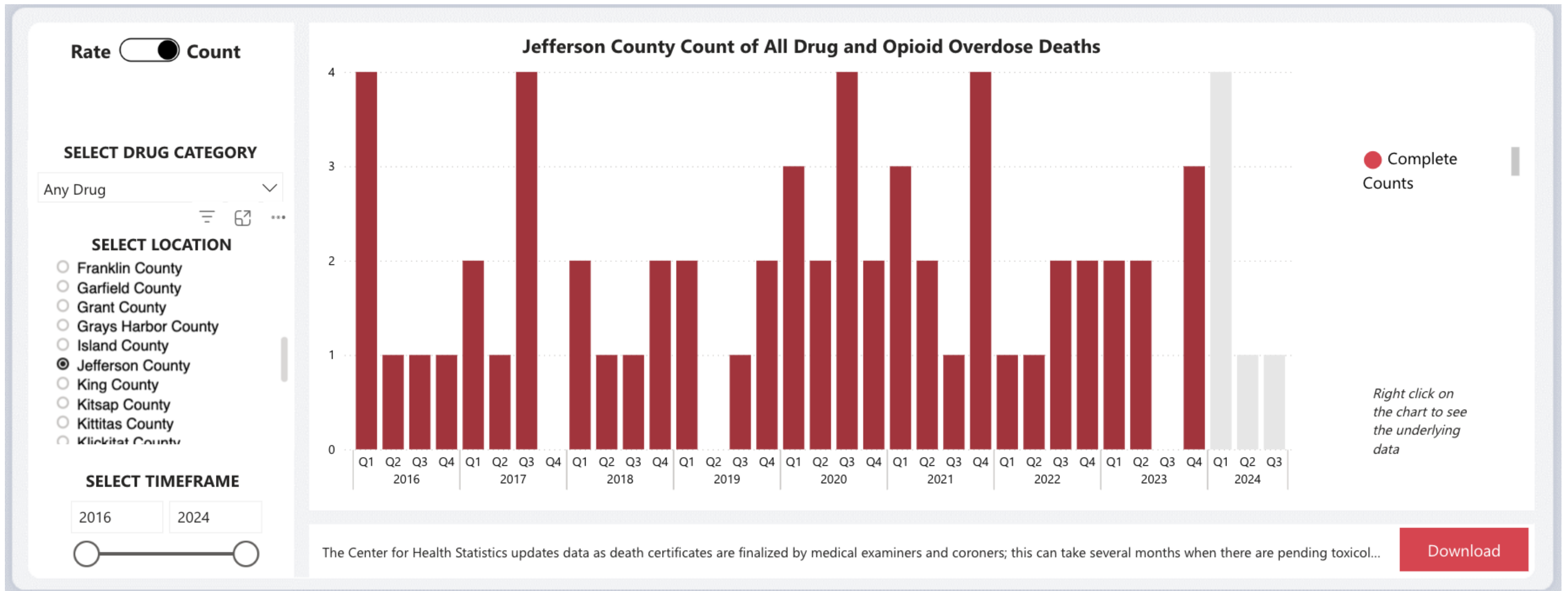




# Drug Overdose Death Rate: Jefferson

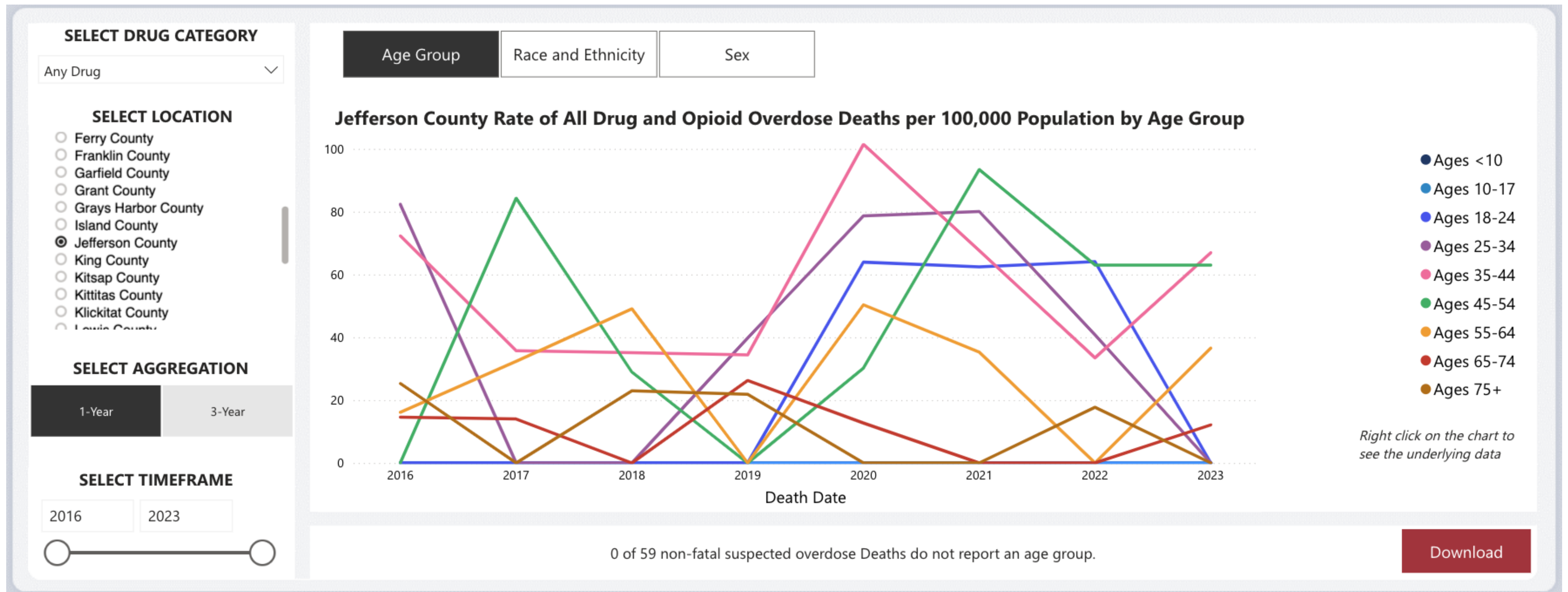


# Drug Overdose Death Count: Jefferson



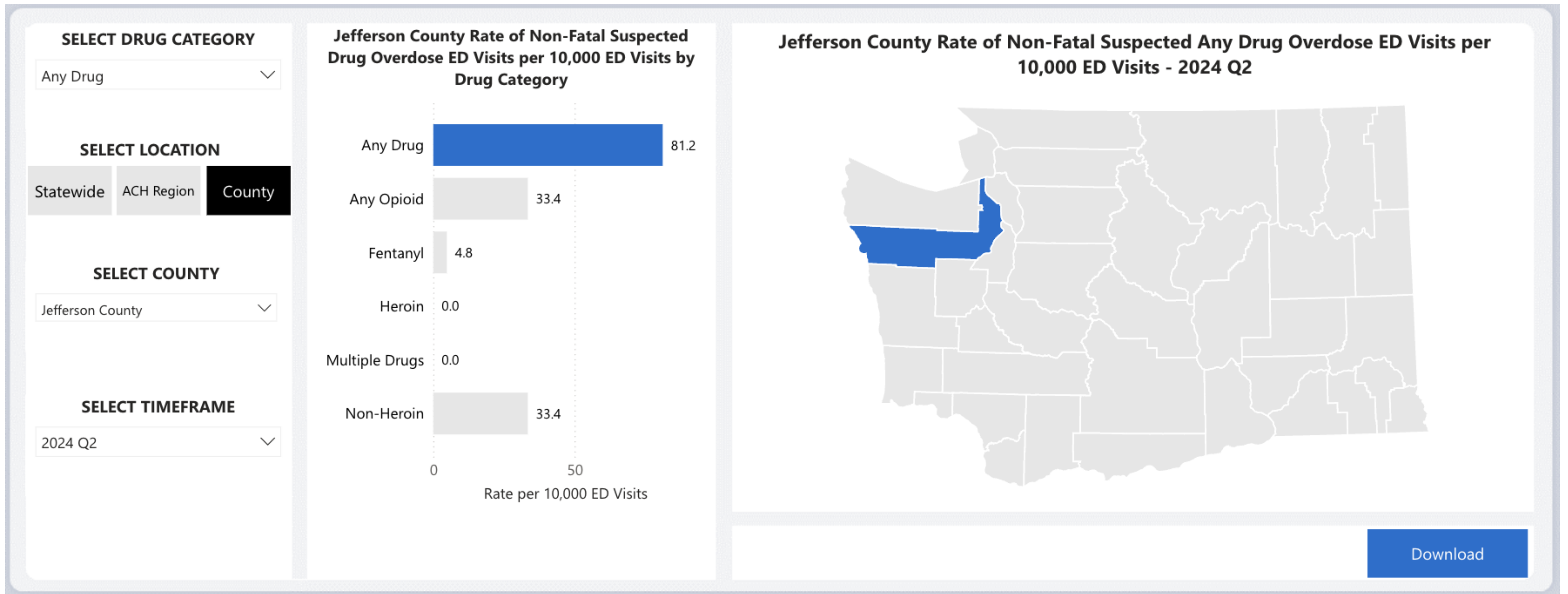
# Drug Overdose Death Rate: Jefferson

## Age Groups



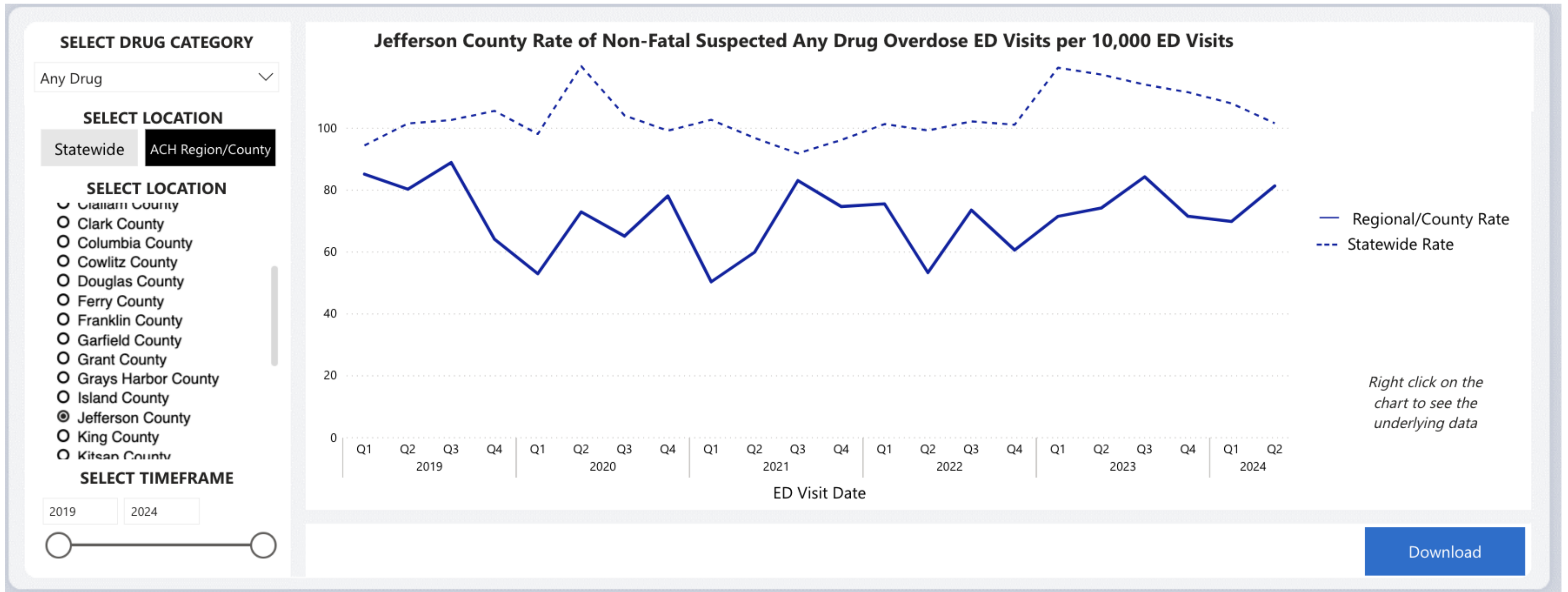
# Overdose ED Visit Rate: Jefferson

## 2024 Q2



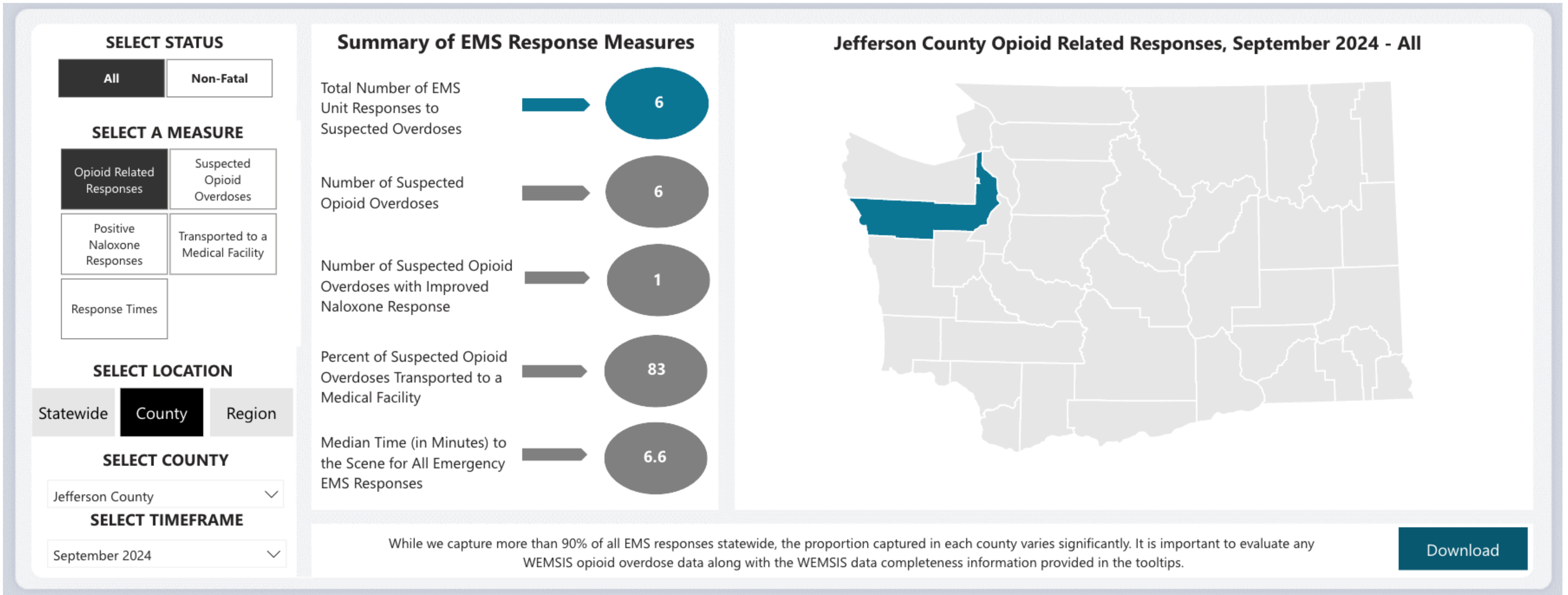
# Overdose ED Visit Rate: Jefferson

## 2024 Q2



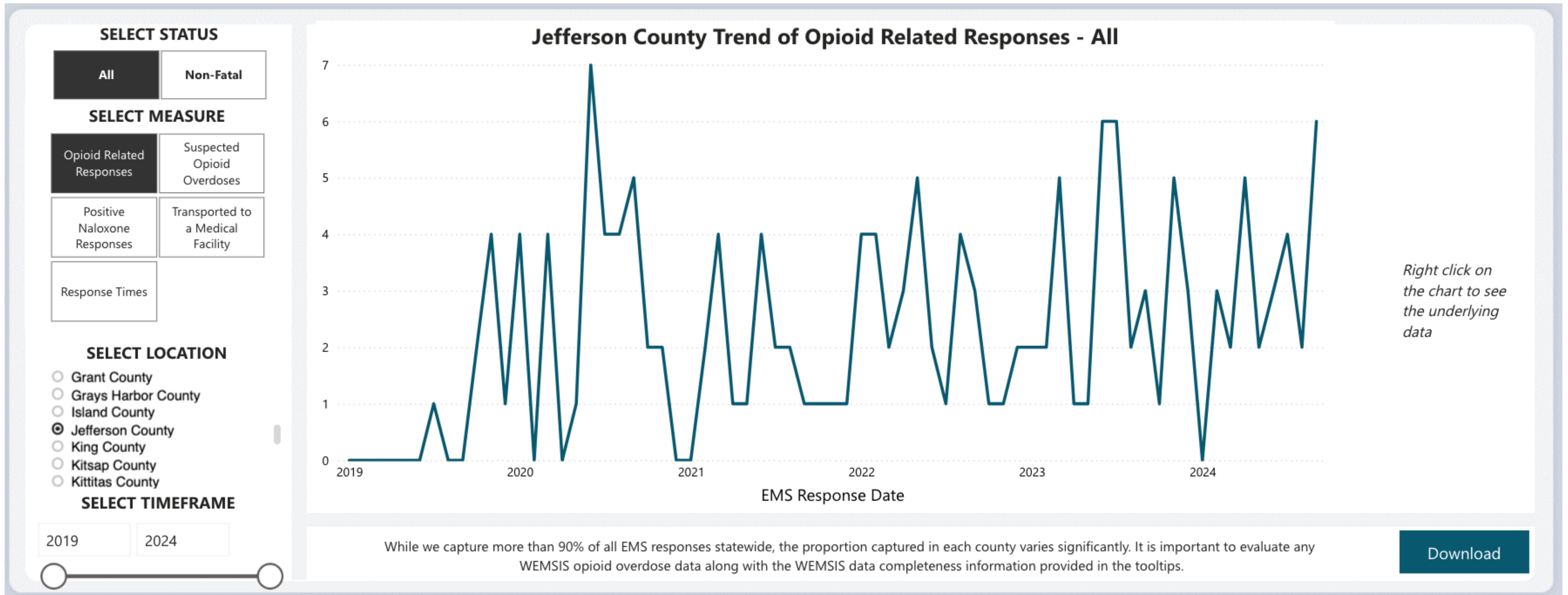
# Opioid EMS-related Responses: Jefferson

Sept 2024



# Opioid EMS-related Responses: Jefferson

Sept 2024



# Opioid Rx

## 2024 Q1

### SELECT A MEASURE CATEGORY

- Opioid Patients
- New to Long-Term
- First Time Opioid Prescription
- Treatment for Opioid Use Disorder
- High Dose Prescribing

### SELECT A MEASURE

- Receiving an Opioid Rx
- Long-Term Opioid Therapy
- Opioid and Sedative Rx

### SELECT LOCATION

- Statewide
- ACH Region
- County

### SELECT TIMEFRAME

2024 Q1 ▼

### Statewide Summary of Opioid Patients Measures - 2024 Q1

Name	Count	Measure Value	95% CI
Jefferson County	2,479	46.00	44.2 - 47.8
Statewide	414,341	46.30	46.1 - 46.4

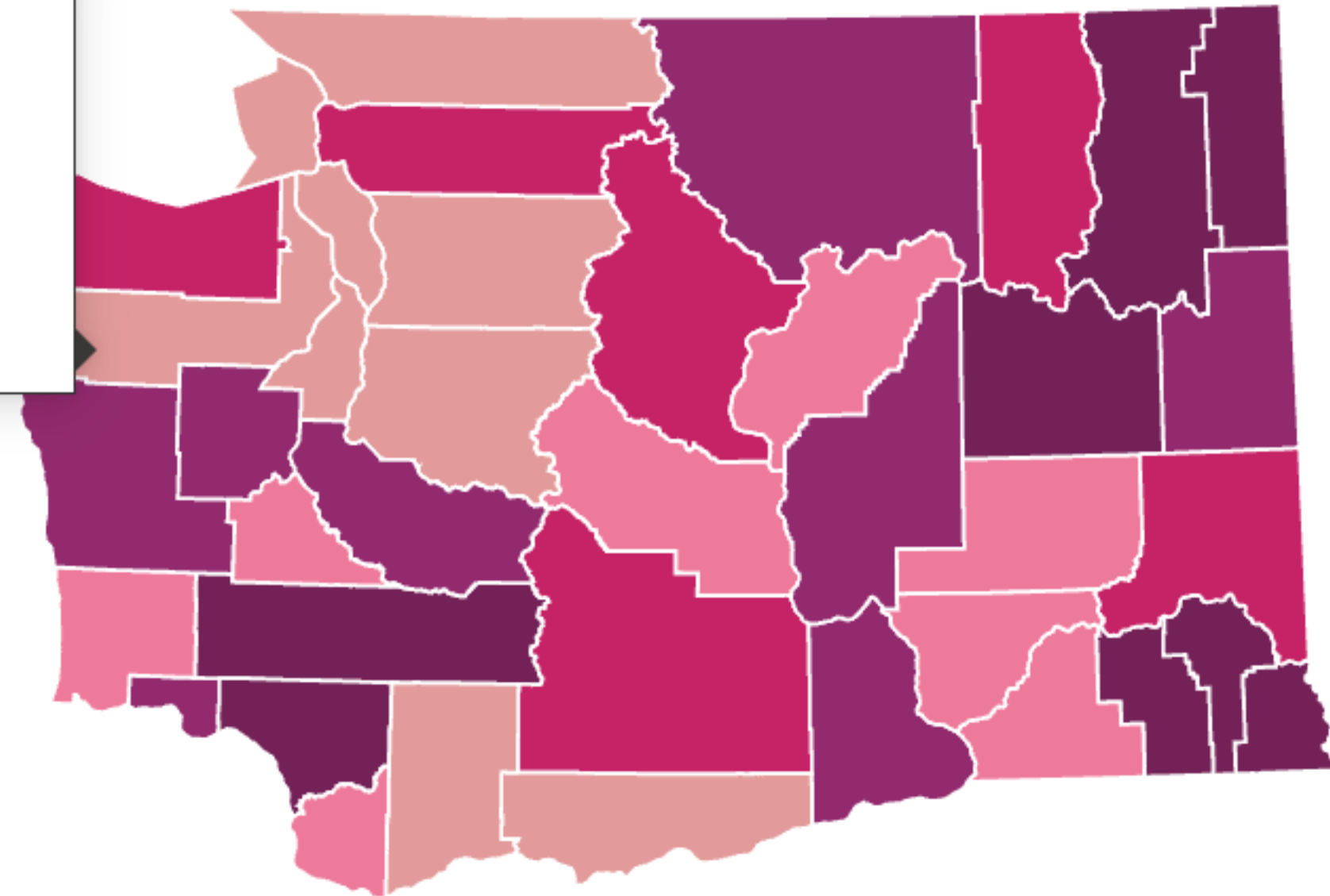
*Counts that are below 10 are suppressed for privacy and represented with an "\*".*

Long-Term Opioid Therapy

Opioid and Sedative Rx

0 50

### Sex-Age Adjusted Rate of Patients Receiving an Opioid Prescription per 1,000 Population by County - 2024 Q1



\*Counts less than 10 are suppressed for privacy and not reported. Not all timeframes have complete data.

Download



# Opioid + Sedative Rx

## 2024 Q1

### SELECT A MEASURE CATEGORY

- Opioid Patients
- New to Long-Term
- First Time Opioid Prescription
- Treatment for Opioid Use Disorder
- High Dose Prescribing

### SELECT A MEASURE

- Receiving an Opioid Rx
- Long-Term Opioid Therapy
- Opioid and Sedative Rx

### SELECT LOCATION

- Statewide
- ACH Region
- County

### SELECT TIMEFRAME

2024 Q1 ▼

### Statewide Summary of Opioid Patients Measures - 2024 Q1

Name	Count	Measure Value	95% CI
Jefferson County	462	8.10	7.4 - 8.8
Statewide	55,154	6.00	5.9 - 6

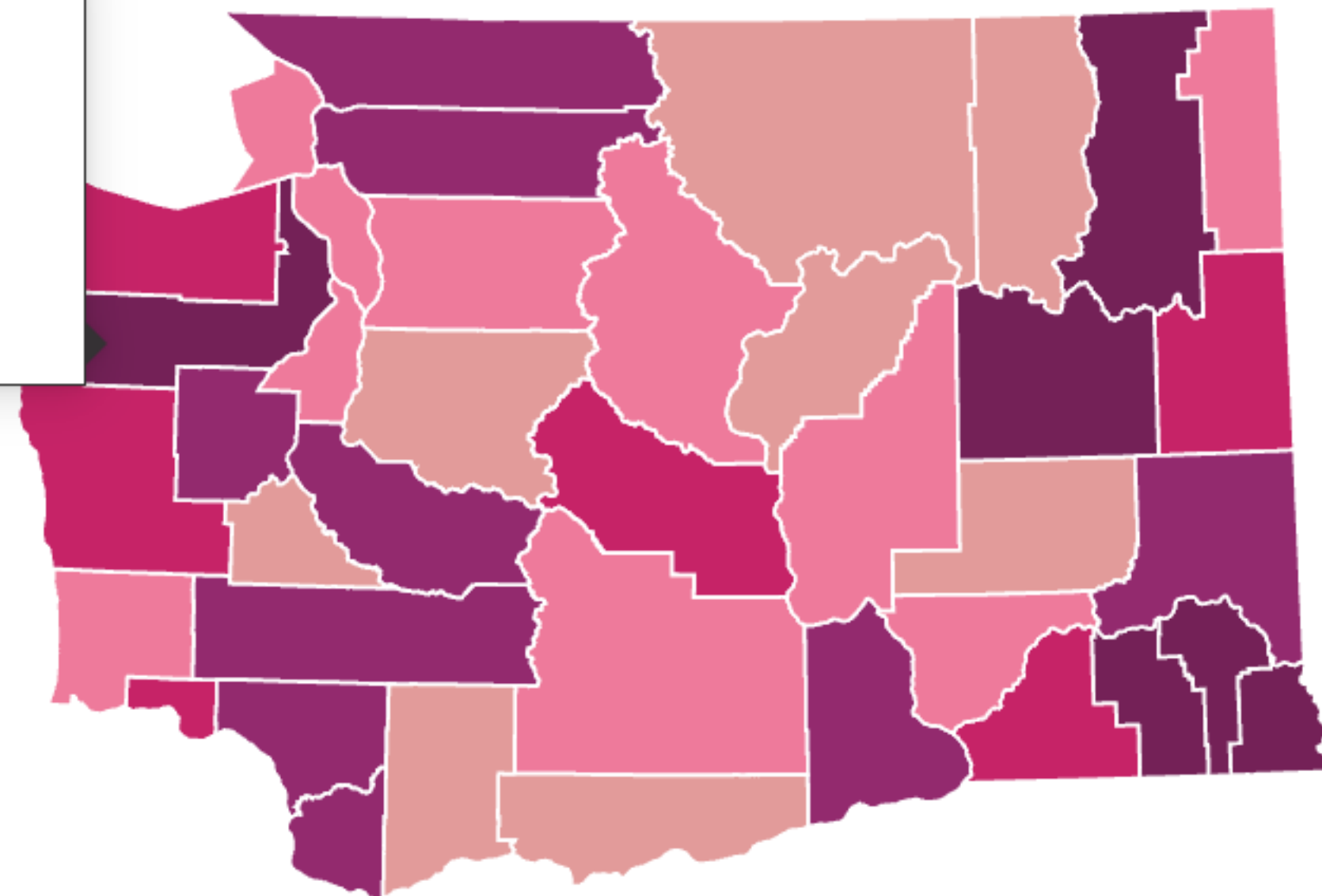
*Counts that are below 10 are suppressed for privacy and represented with an "\*\*\*".*

Long-Term Opioid Therapy

Opioid and Sedative Rx

0 50

### Sex-Age Adjusted Rate of Patients with Combined Opioid and Sedative Prescriptions per 1,000 Population by County - 2024 Q1



\*Counts less than 10 are suppressed for privacy and not reported. Not all timeframes have complete data.

Download

# First Time Opioid Rx: Jefferson

## 2024 Q1

### SELECT A MEASURE CATEGORY

Opioid Patients	New to Long-Term
<b>First Time Opioid Prescription</b>	Treatment for Opioid Use Disorder
High Dose Prescribing	

### SELECT A MEASURE

- 1-3 Days' Supply of Opioid Rx
- 4-7 Days' Supply of Opioid Rx
- 8-13 Days' Supply of Opioid Rx
- 14+ Days' Supply of Opioid Rx

### SELECT COUNTY

Jefferson County ▼

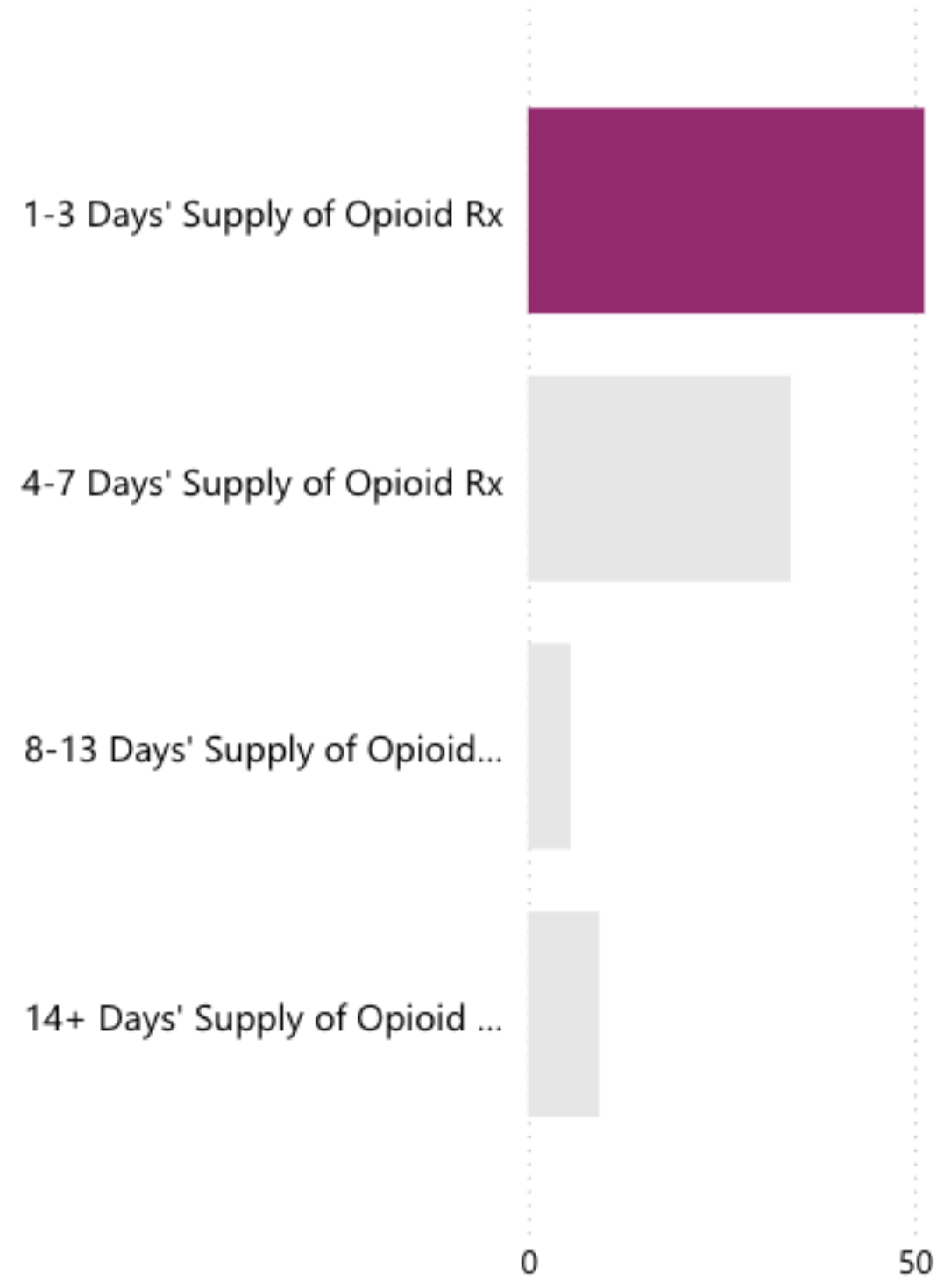
### SELECT LOCATION

Statewide ACH Region **County**

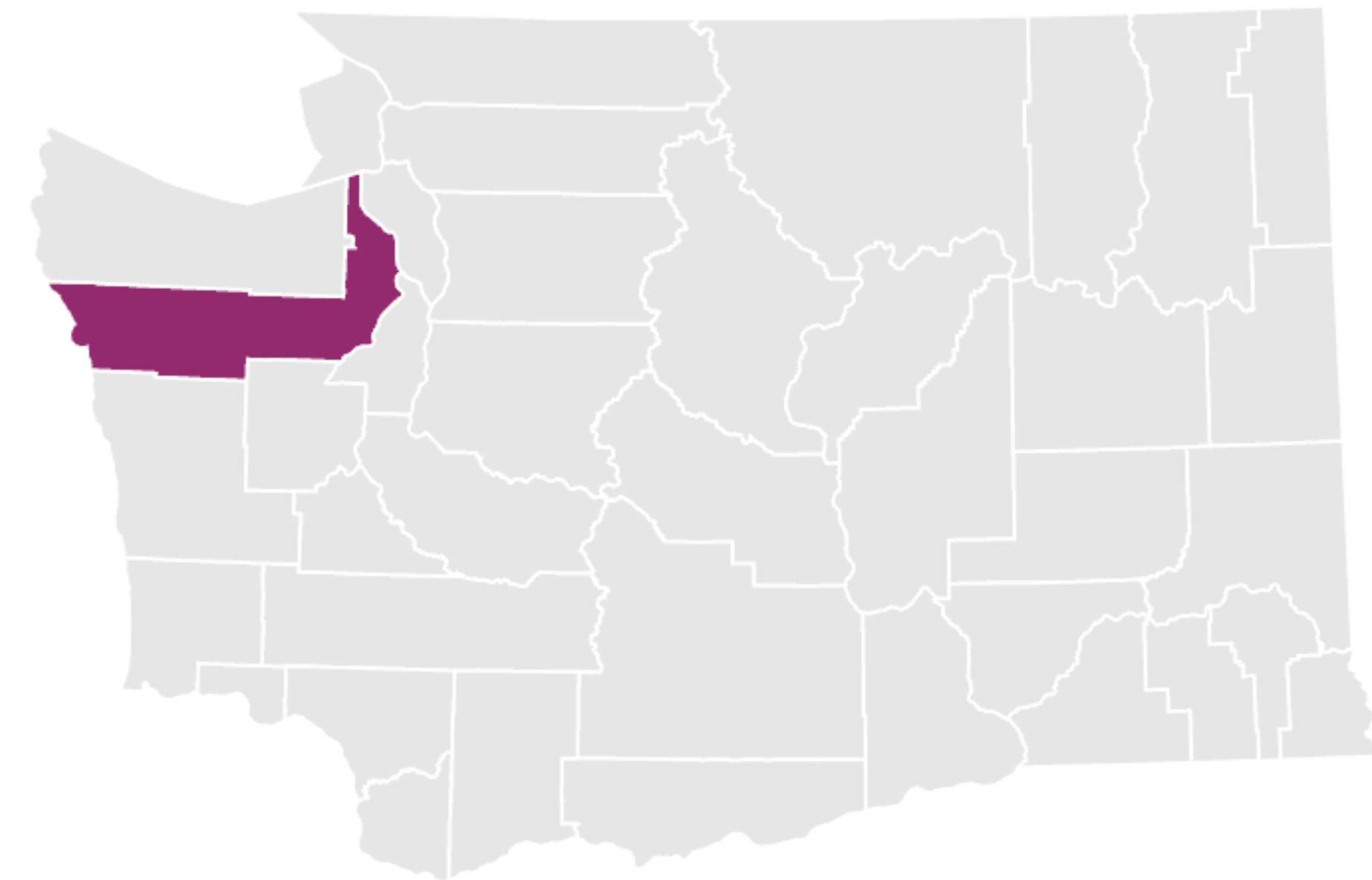
### SELECT TIMEFRAME

2024 Q1 ▼

### Jefferson County Summary of New Opioid Patient Measures - 2024 Q1



### Jefferson County Percentage of New Opioid Patients with up to 3 Days' Supply of Opioid Prescriptions for the First Time Per 1,000 Population by County - 2024 Q1

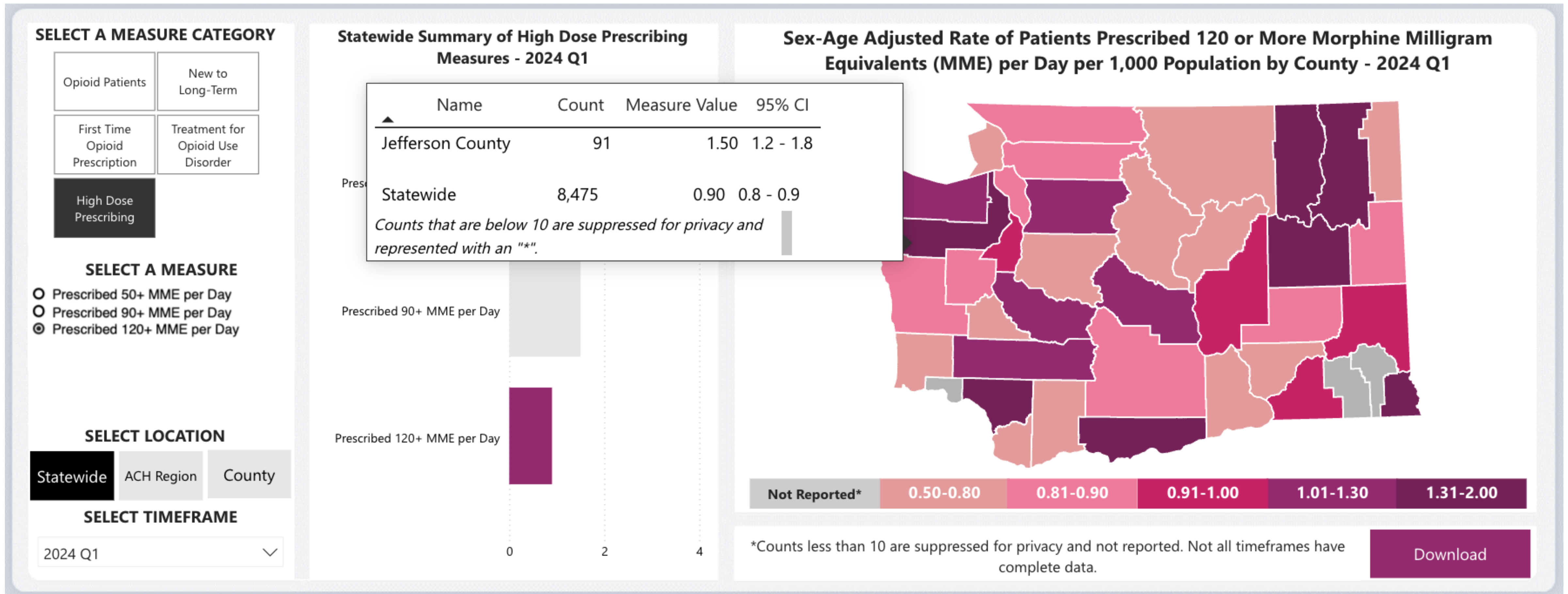


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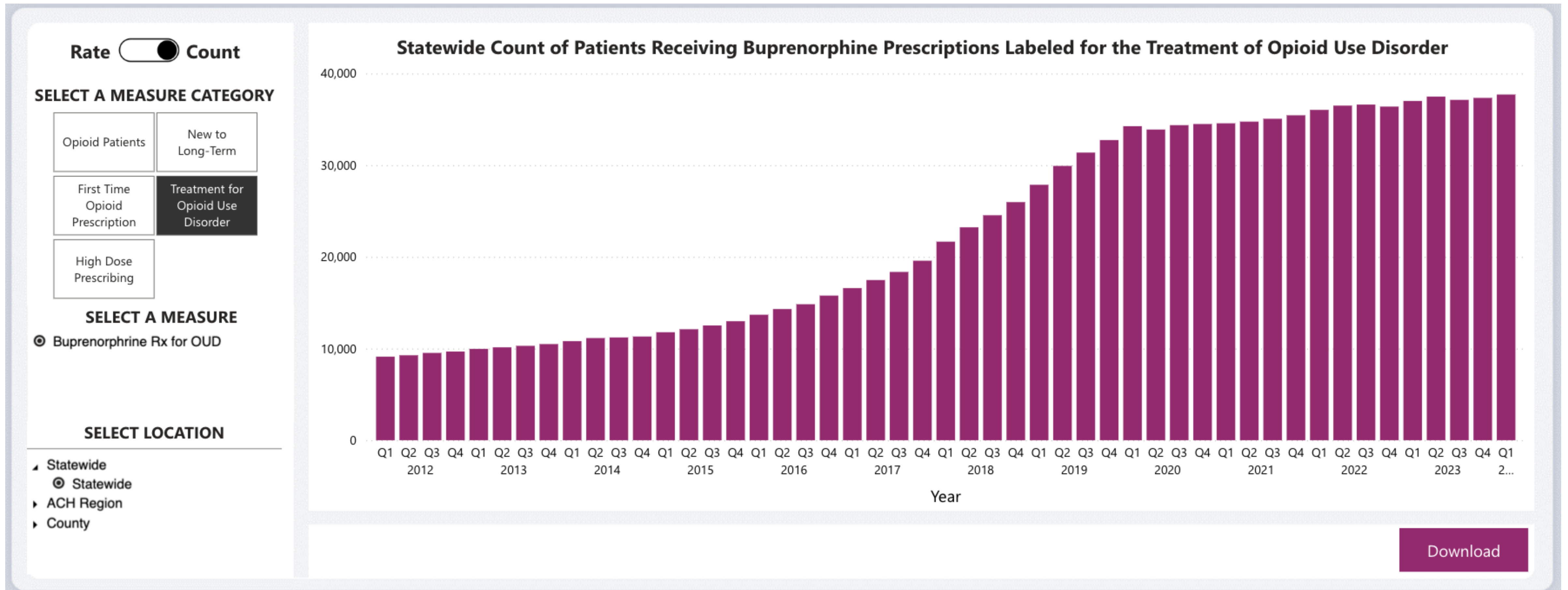
[Download](#)

# Highest Dose Opioid Rx: Jefferson

## 2024 Q1



# Buprenorphine Rx: Jefferson



# Medications for Opiate Use Disorder

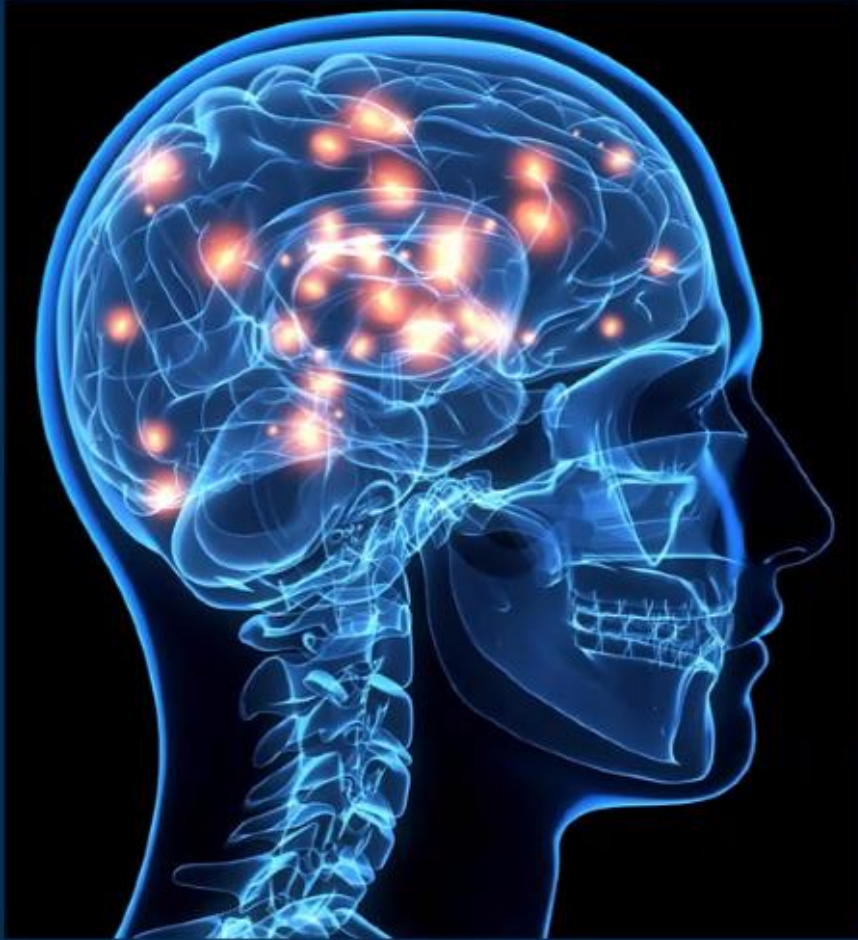
How they work and why

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Allison Berry, MD MPH  
Health Officer for Clallam & Jefferson Counties



# Addiction & the Brain



Opiate Receptors:

- how we feel pleasure
- reduce pain



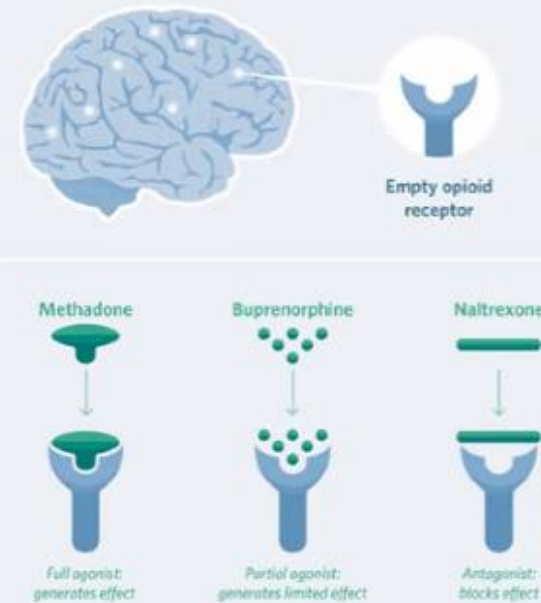
# Medications for Opiate Use Disorder (MOUD)

An evidence-based comprehensive treatment strategy involving medication & behavioral therapies

Medications:

- Reduce cravings
- Treat withdrawals
- Prevent overdoses
- Support function

Figure 1  
How OUD Medications Work in the Brain





# Buprenorphine

Brand Names: Suboxone, Zubsolv, Sublocade  
Administration: Sublingual, or injectable

## Pros:

- Rapid relief of cravings & withdrawals
- High treatment retention
- Prevents overdoses
- Blocks subsequent use

## Cons:

- Withdrawal required for induction
- Complicates acute pain management





# Methadone



Generic

Administration: Oral, daily observed dosing

Pros:

- Rapid relief of cravings & withdrawals
- High treatment retention
- No withdrawal required before induction
- Effective for those with high tolerance
- Better pain relief

Cons:

- Overdose potential (reduces rates)
- Drug interactions
- Daily dosing/structure required

