EMS Report

Locality: City of Poquoson, City of Williamsburg, Gloucester County, James City County, Mathews County, York County

5/1/2021-5/26/2023

Virginia Overview

These visualizations provide a general overview of the number of EMS incidents across the Commonwealth of Virginia dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the most impacted locality relative to the per capita population as well as the month to date change in the number of EMS incidents.
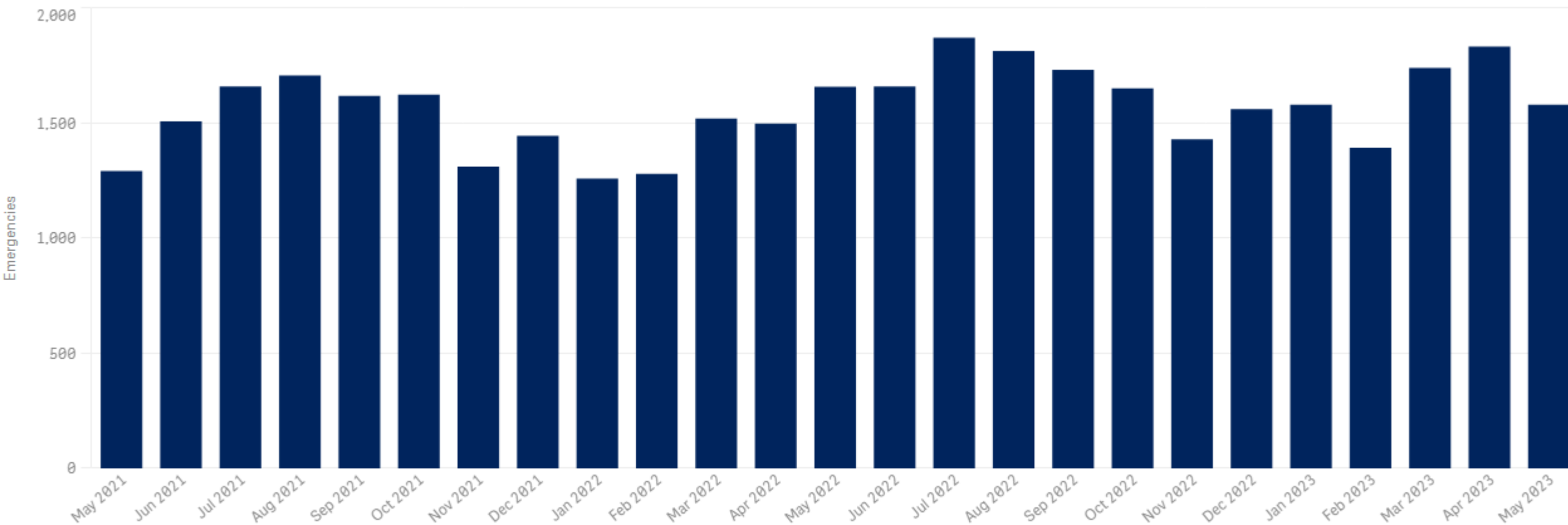
Rate Per Capita Population	Emergencies in 2023	Month to Date EMS Incidents	Most Active Hour	Most Impacted per Capita
97.30 Per 100K in 2023 Total pop 8,389,909	**8,127**	**1,580** LMTD 1,526 ▲3.5% from last month	**11 PM**	City of Galax (2023)

Reported EMS Incidents over time

*Aggregations using 5 or less entries will be masked and removed from visualizations.

City of Poquoson Overview

These visualizations provide a general overview of the number of EMS incidents in City of Poquoson dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population
24.92 Per 100K in 2023
Total pop 12,039

Emergencies in 2023
N/A

Most Active Hour
PM

Month to Date EMS Incidents
N/A N/A
▼-100.0% from last month

Reported EMS Incidents over time

The chart is not displayed because it contains only undefined values.

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City of Williamsburg Overview

These visualizations provide a general overview of the number of EMS incidents in City of Williamsburg dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population
20.29 Per 100K in 2022
Total pop 14,788

Emergencies in 2022
N/A

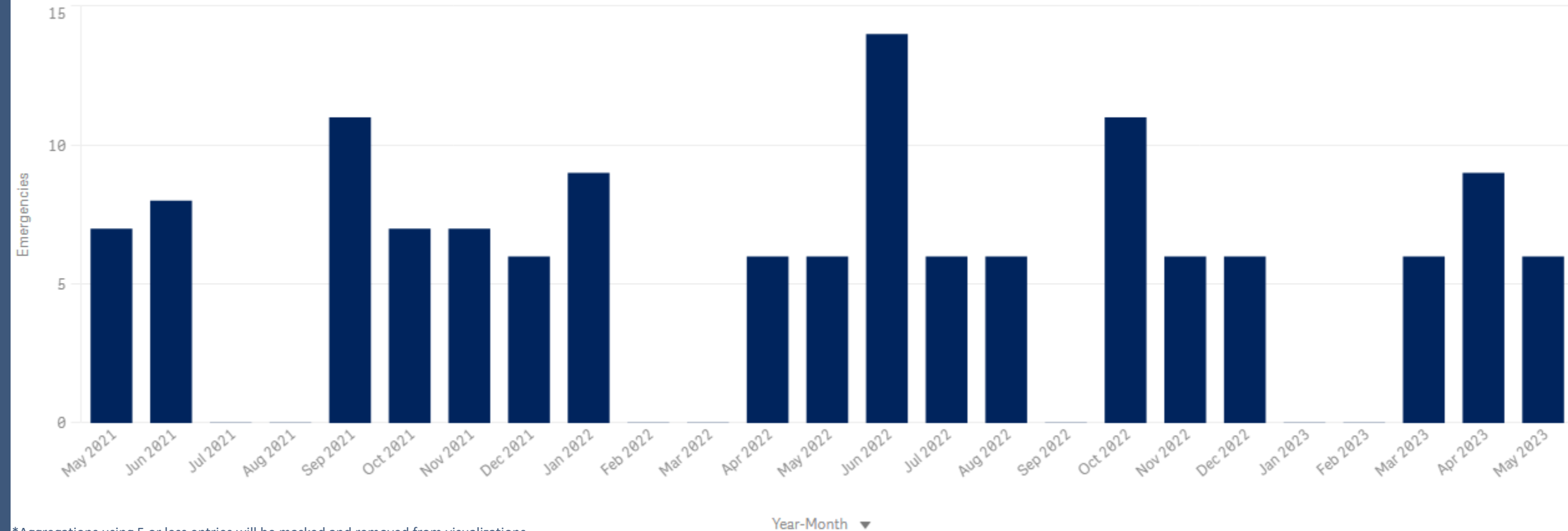Most Active Hour
PM

Month to Date EMS Incidents
N/A N/A
▼ from last month

Reported EMS Incidents over time

Data has been masked at this level of specificity

*Aggregations using 5 or less entries will be masked and removed from visualizations.

Gloucester County Overview

These visualizations provide a general overview of the number of EMS incidents in Gloucester County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population	Emergencies in 2023	Most Active Hour	Month to Date EMS Incidents
80.73 Per 100K in 2023 Total pop 37,161	30	10 PM	6 LMTD 9 ▼-33.3% from last month

Reported EMS Incidents over time

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James City County Overview

These visualizations provide a general overview of the number of EMS incidents in James City County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population
70.13 Per 100K in 2023
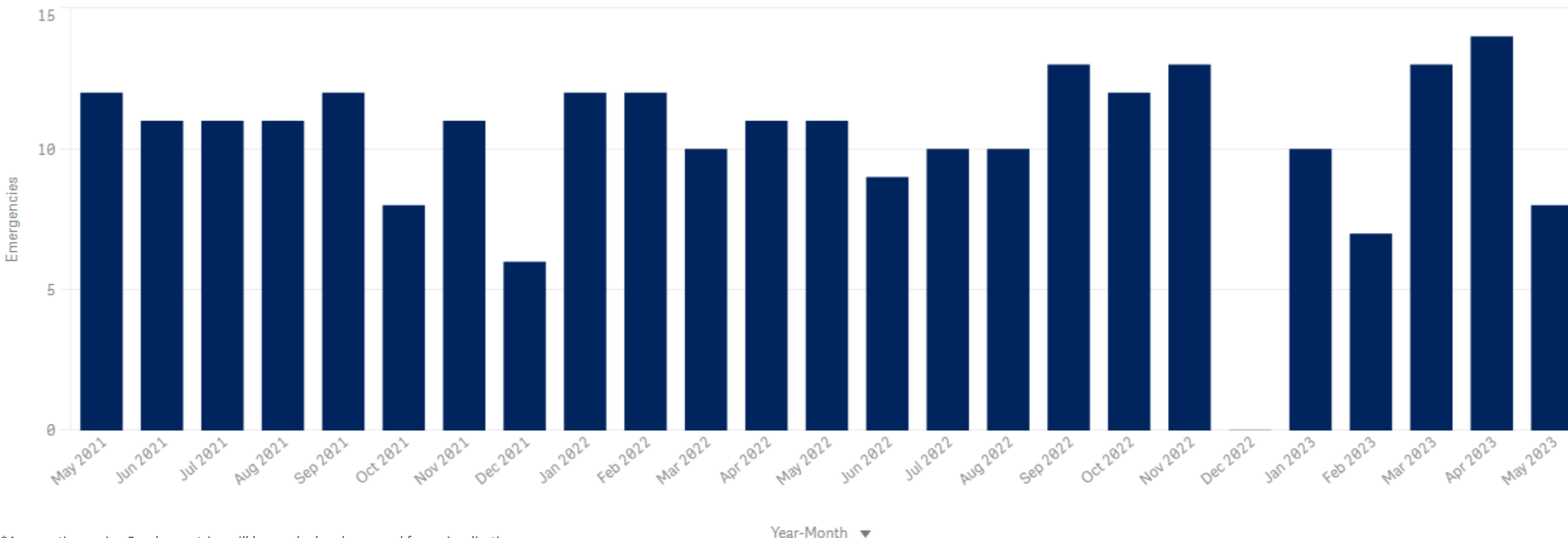Total pop 74,153

Emergencies in 2023
52

Most Active Hour
2 AM

Month to Date EMS Incidents
8 LMTD 10
▼ -20.0% from last month

Reported EMS Incidents over time

Year-Month ▼

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Mathews County Overview

These visualizations provide a general overview of the number of EMS incidents in Mathews County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population
11.37 Per 100K in 2023
Total pop 8,796

Emergencies in 2023
N/A

Most Active Hour
PM

Month to Date EMS Incidents
N/A N/A
▼ from last month

Reported EMS Incidents over time

The chart is not displayed because it contains only undefined values.

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York County Overview

These visualizations provide a general overview of the number of EMS incidents in York County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Reported EMS Incidents over time chart shows the overall trend in incidents. The KPIs below highlight relevant data with an emphasis on specific areas of concern like the rate relative to per capita population as well as the month to date change in the number of EMS incidents.

Rate Per Capita Population
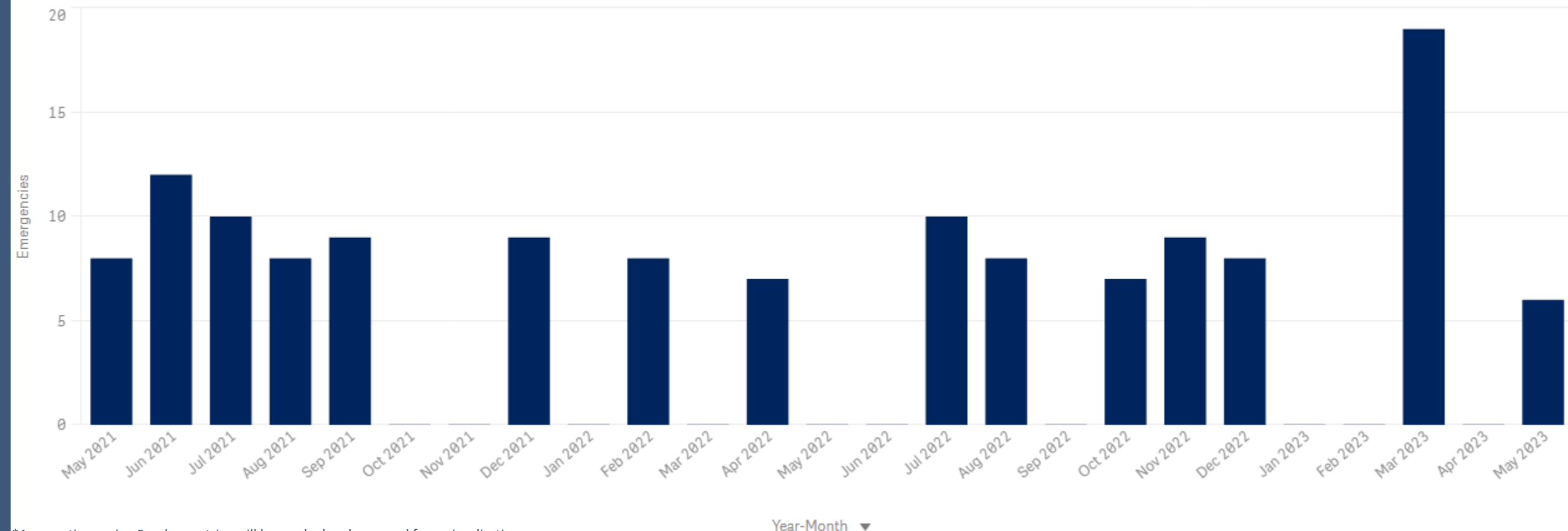**50.31** Per 100K in 2023
Total pop 67,587

Emergencies in 2023
34

Most Active Hour
AM

Month to Date EMS Incidents
6 N/A
▲ 200.0% from last month

Reported EMS Incidents over time

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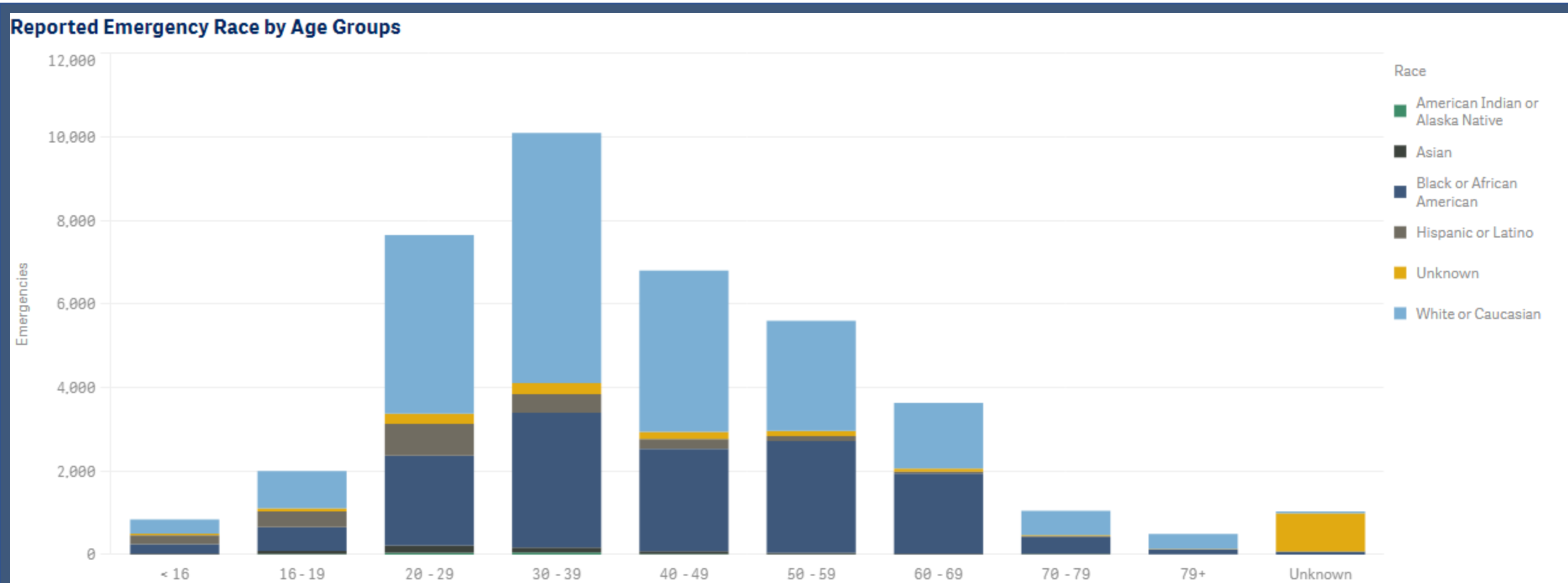
Virginia Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for Virginia dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.

Incidents by Gender for 2023
5,180 Male - 2,923 Female

Naloxone Administered
14.88%

Most Impacted Age Groups
30 - 39

Reported Emergency Race by Age Groups

*Aggregations using 5 or less entries will be masked and removed from visualizations.

For more information related to the data please visit: https://va-idea.freshdesk.com/support/home

City of Poquoson Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for City of Poquoson dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.
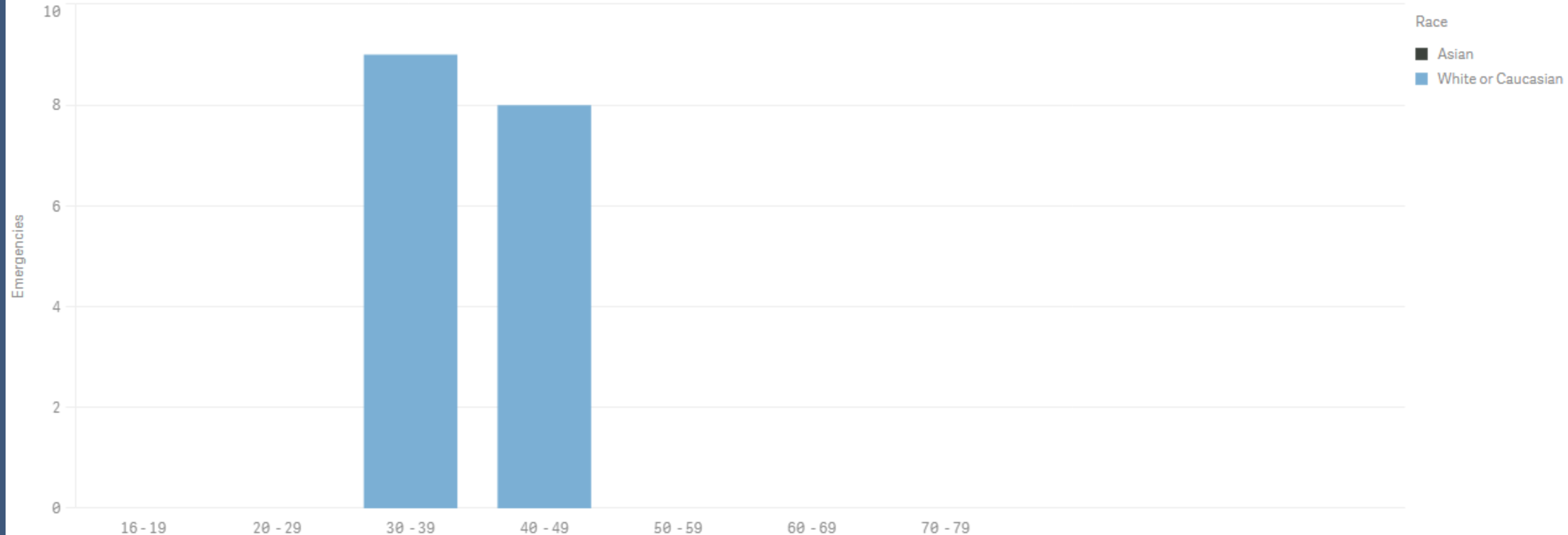
Incidents by Gender for 2023	Naloxone Administered	Most Impacted Age Groups
N/A	16.67%	30 - 39

Reported Emergency Race by Age Groups

City of Williamsburg Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for City of Williamsburg dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.

Incidents by Gender for 2022	Naloxone Administered	Most Impacted Age Groups
N/A	0.00%	N/A

Reported Emergency Race by Age Groups

Data has been masked at this level of specificity

Gloucester County Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for Gloucester County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.
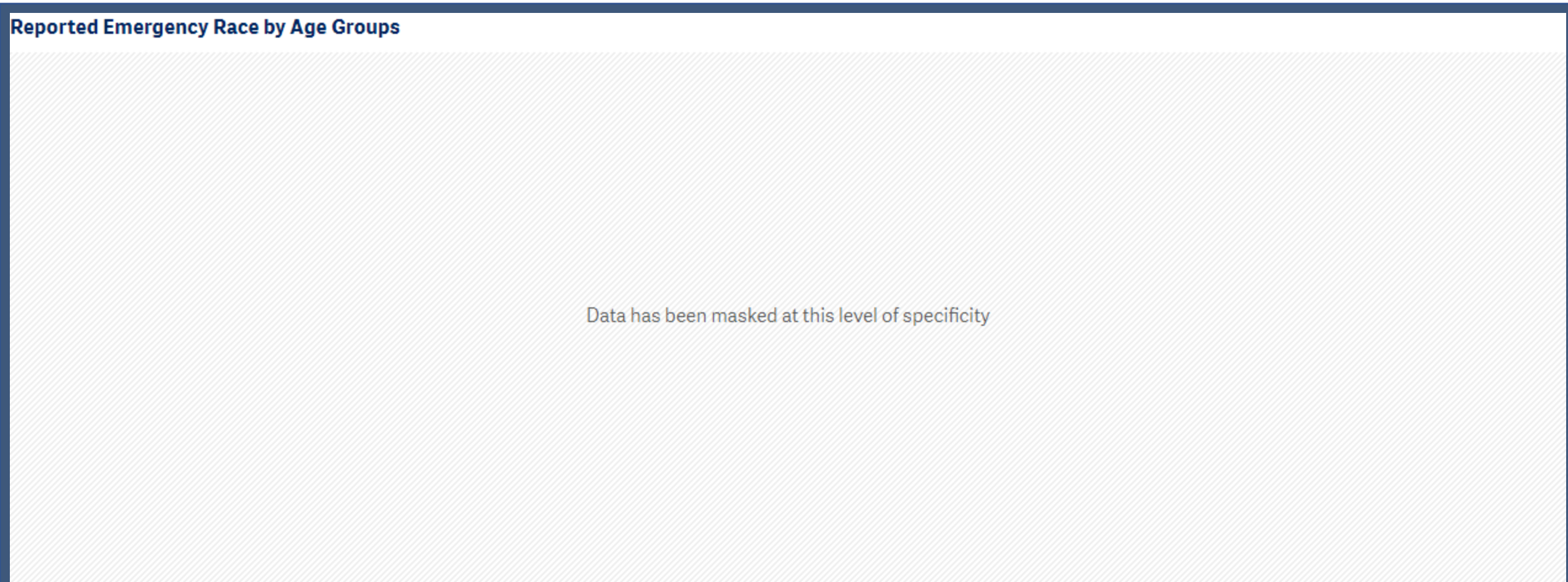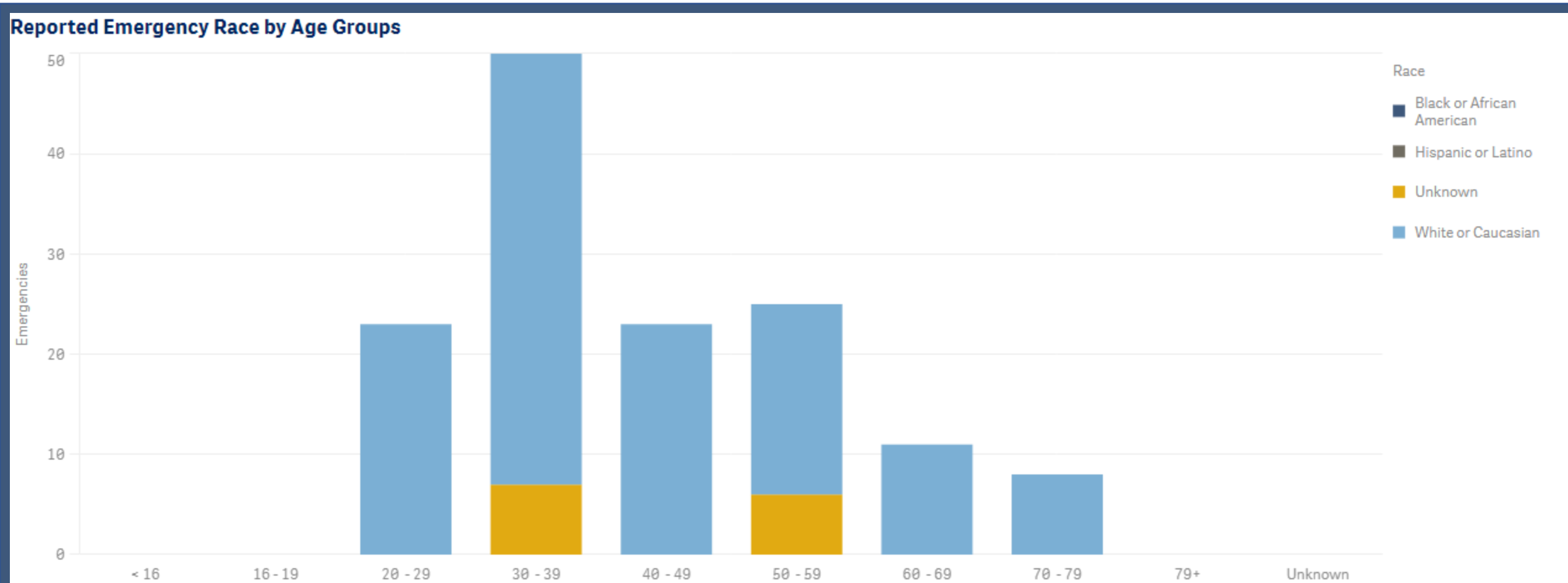
Incidents by Gender for 2023
16 Male - 14 Female

Naloxone Administered
20.36%

Most Impacted Age Groups
30 - 39

Reported Emergency Race by Age Groups

Race
- Black or African American
- Hispanic or Latino
- Unknown
- White or Caucasian

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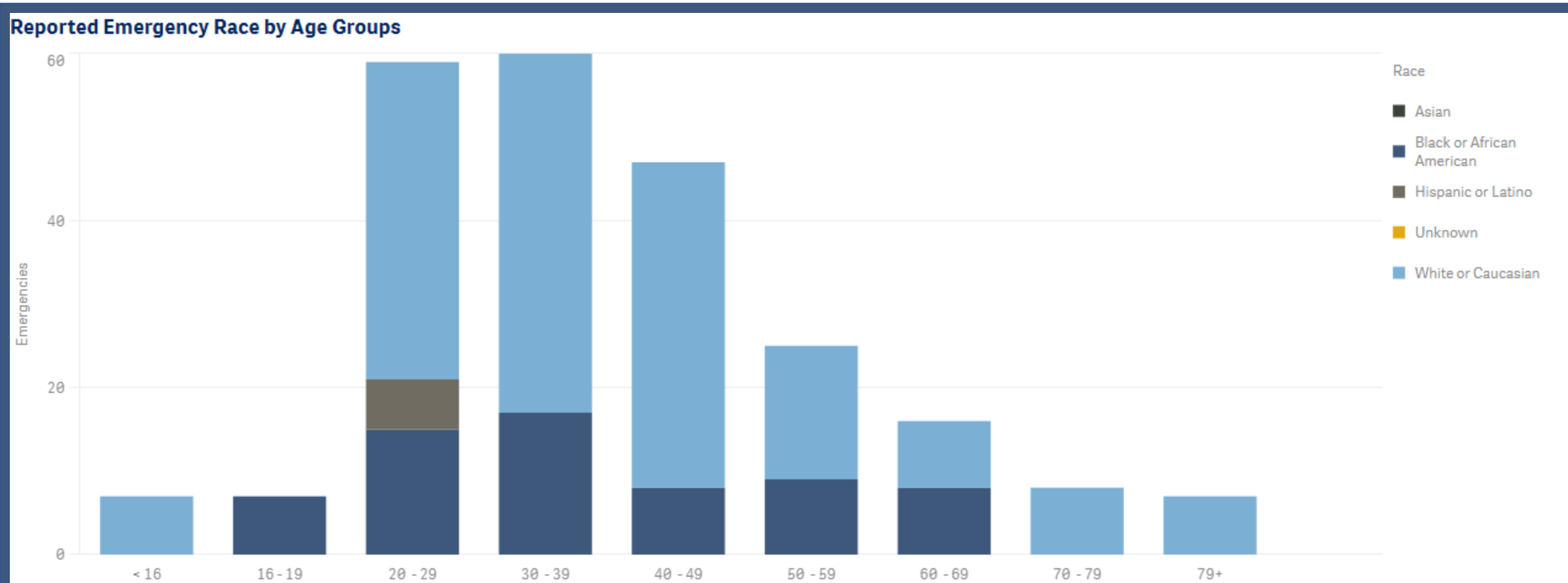
James City County Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for James City County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.

Incidents by Gender for 2023
31 Male - 21 Female

Naloxone Administered
12.21%

Most Impacted Age Groups
30 - 39

Reported Emergency Race by Age Groups

Race
- ■ Asian
- ■ Black or African American
- ■ Hispanic or Latino
- ■ Unknown
- ■ White or Caucasian

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Mathews County Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for Mathews County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.

Incidents by Gender for 2023	Naloxone Administered	Most Impacted Age Groups
N/A	0.00%	N/A

Reported Emergency Race by Age Groups

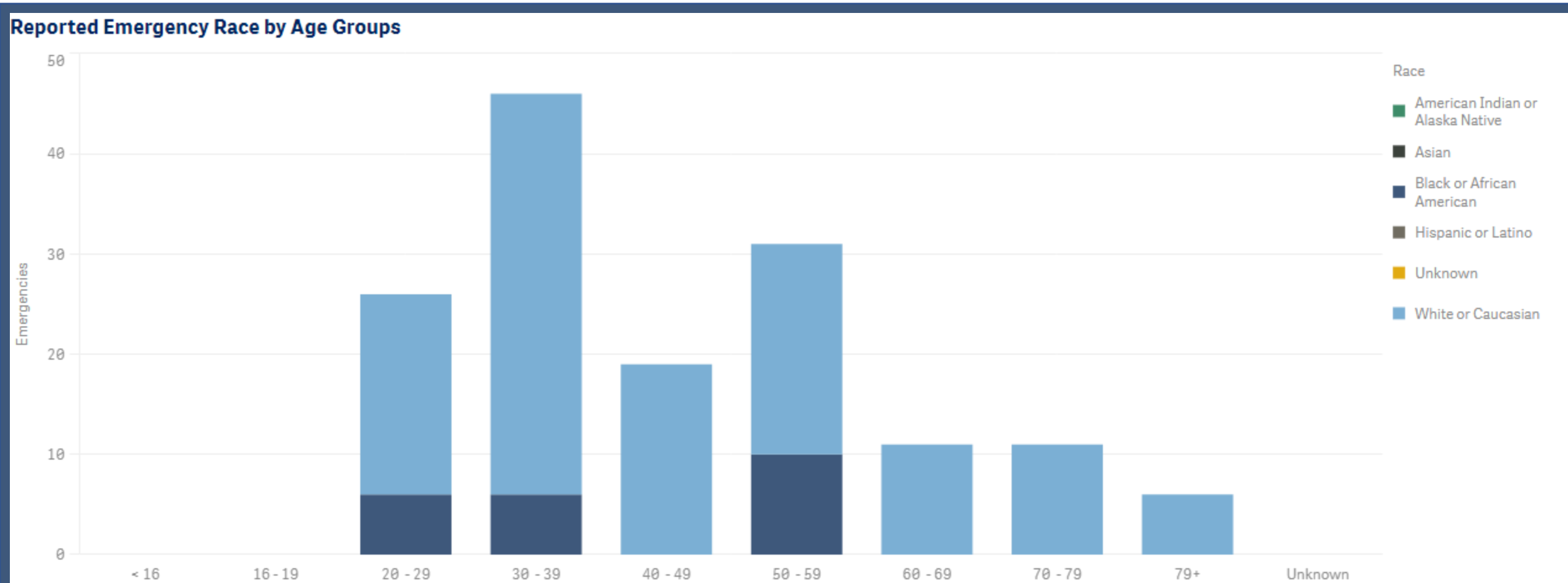The chart is not displayed because it contains only undefined values.

York County Demographics

The visualizations below provide a demographic break down of the number of EMS incidents for York County dating back to May 2021. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information. The Racial Age Groups by Reported Incidents chart displays the age distribution for individuals involved in incidents broken down by race. Furthermore, the 3 KPIs highlight the most impacted age group, the gender break down, and the percent of total incidents when naloxone was administered.

Incidents by Gender for 2023
19 Male - 15 Female

Naloxone Administered
14.45%

Most Impacted Age Groups
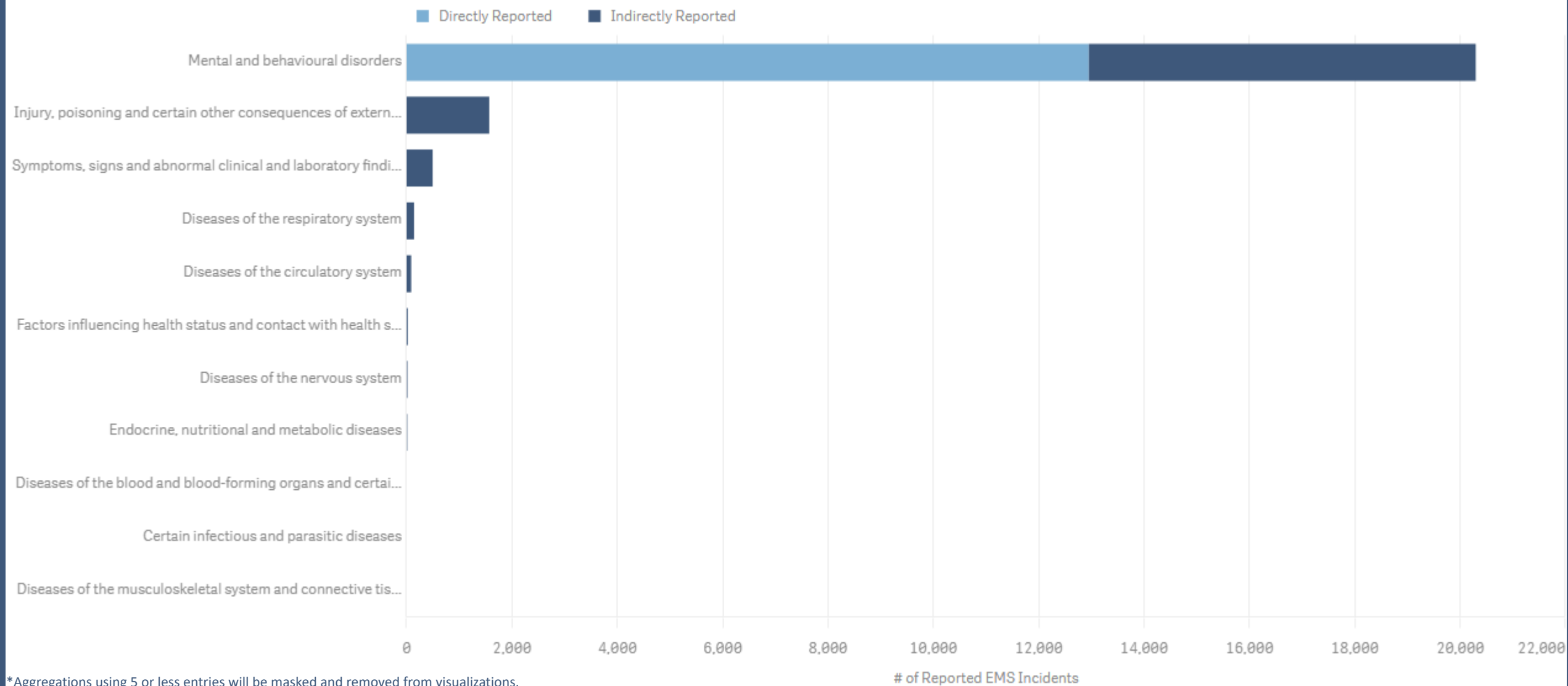30 - 39

Reported Emergency Race by Age Groups

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For more information related to the data please visit: https://va-idea.freshdesk.com/support/home

Virginia Diagnosis

The visualization below displays the number of reported EMS Incidents for the diagnosis categories dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

Legend: ■ Directly Reported   ■ Indirectly Reported

Categories (top to bottom):
- Mental and behavioural disorders
- Injury, poisoning and certain other consequences of extern...
- Symptoms, signs and abnormal clinical and laboratory findi...
- Diseases of the respiratory system
- Diseases of the circulatory system
- Factors influencing health status and contact with health s...
- Diseases of the nervous system
- Endocrine, nutritional and metabolic diseases
- Diseases of the blood and blood-forming organs and certai...
- Certain infectious and parasitic diseases
- Diseases of the musculoskeletal system and connective tis...

X-axis: # of Reported EMS Incidents (0 to 22,000)

*Aggregations using 5 or less entries will be masked and removed from visualizations.

City of Poquoson Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for City of Poquoson dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

The chart is not displayed because it contains only undefined values.

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City of Williamsburg Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for City of Williamsburg dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.
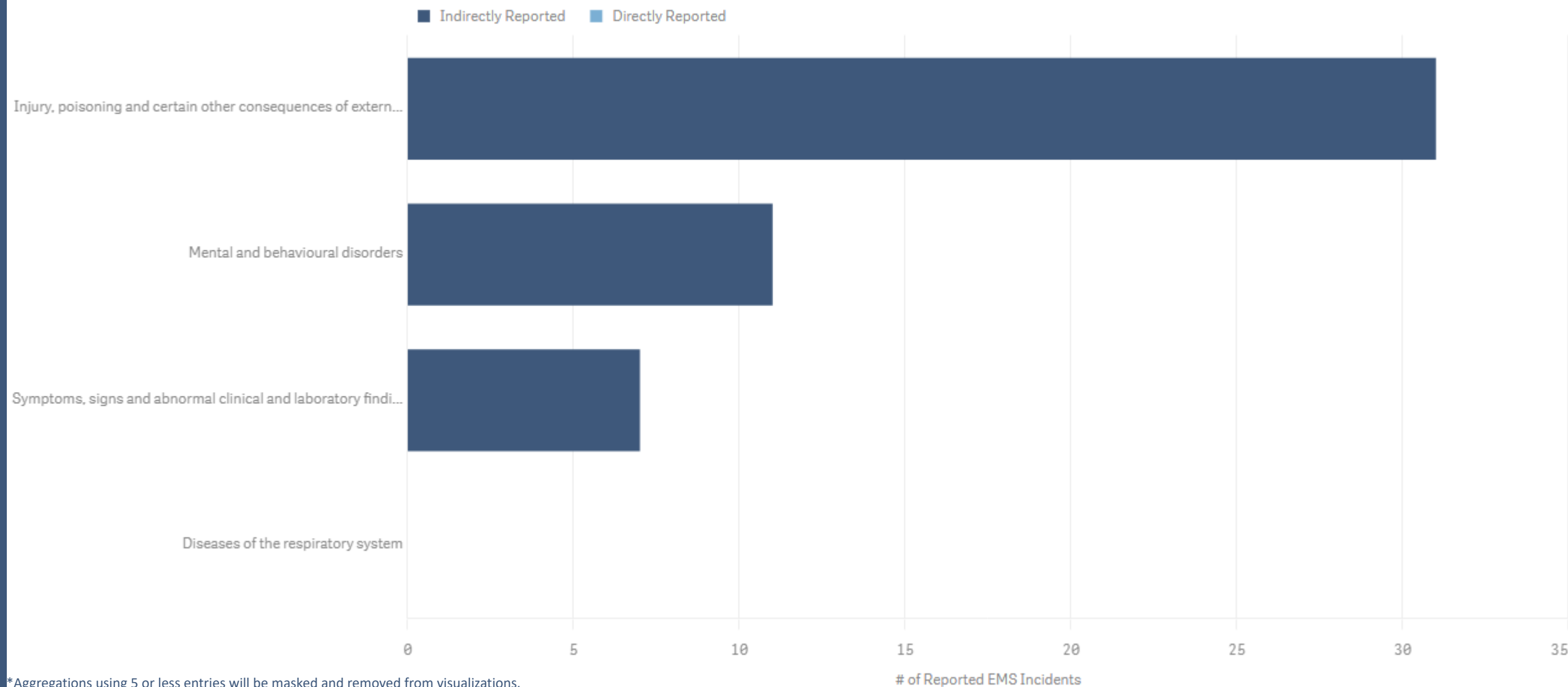
Reported EMS Incidents by Diagnosis Category

The chart is not displayed because it contains only undefined values.

*Aggregations using 5 or less entries will be masked and removed from visualizations.

Gloucester County Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for Gloucester County dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

- Indirectly Reported
- Directly Reported

Injury, poisoning and certain other consequences of extern…

Mental and behavioural disorders

Symptoms, signs and abnormal clinical and laboratory findi…

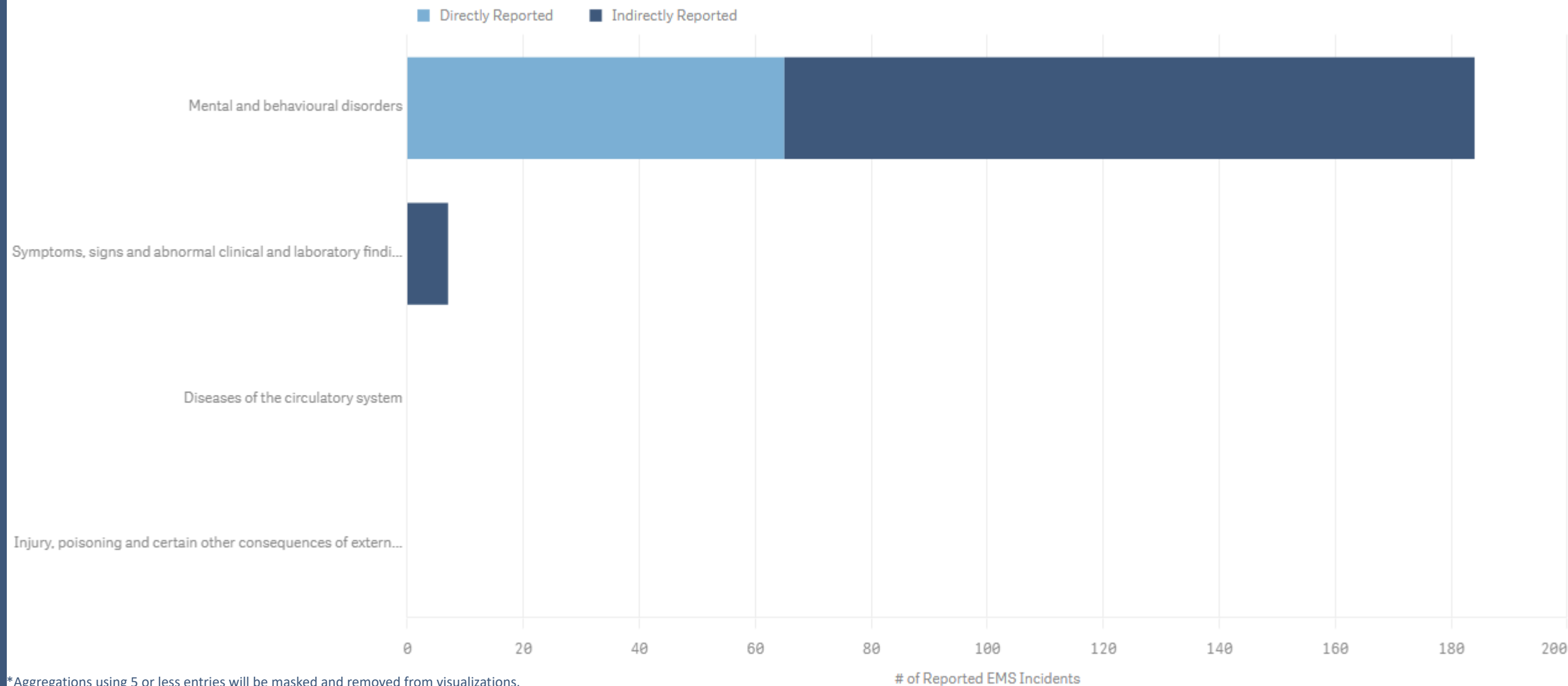Diseases of the respiratory system

# of Reported EMS Incidents

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James City County Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for James City County dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

Legend: Directly Reported ■ Indirectly Reported

Categories (y-axis):
- Mental and behavioural disorders
- Symptoms, signs and abnormal clinical and laboratory findi...
- Diseases of the circulatory system
- Injury, poisoning and certain other consequences of extern...

x-axis: # of Reported EMS Incidents (0 to 200)

*Aggregations using 5 or less entries will be masked and removed from visualizations.

Mathews County Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for Mathews County dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

The chart is not displayed because it contains only undefined values.

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York County Diagnosis

The visualization below displays the number of reported EMS Incidents by diagnosis category for York County dating back to May 2021. Additionally, each bar is broken down by the number of incidents directly and indirectly reported as opioid related. The data used to create them contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It's important to note that this data set consists of both fatal and nonfatal overdose related information.

Reported EMS Incidents by Diagnosis Category

Legend:
- ▣ Directly Reported
- ▣ Indirectly Reported

Diagnosis Category	
Mental and behavioural disorders	(bar extends to ~120)
Symptoms, signs and abnormal clinical and laboratory findi...	
Diseases of the respiratory system	
Factors influencing health status and contact with health s...	
Diseases of the circulatory system	

X-axis: # of Reported EMS Incidents (0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120)
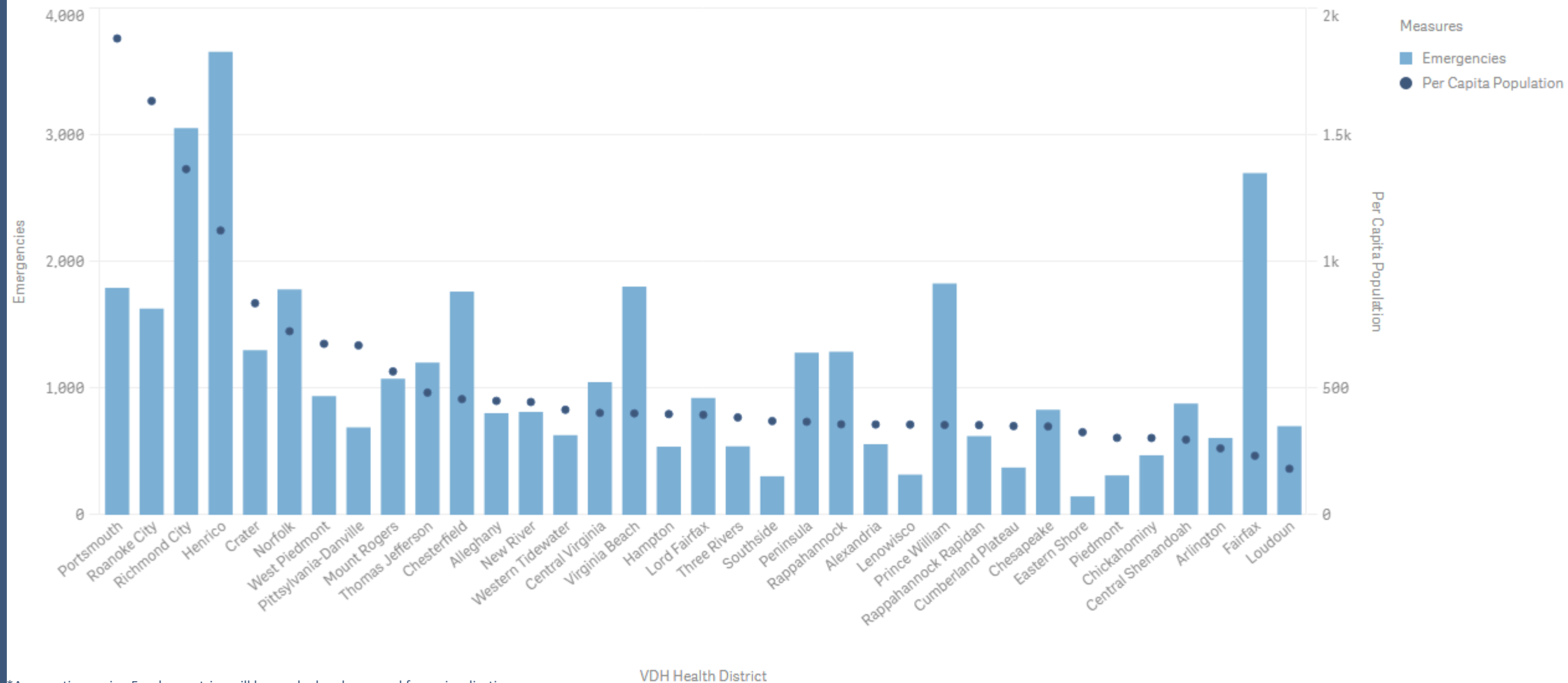
*Aggregations using 5 or less entries will be masked and removed from visualizations.

VDH Health Districts

The chart below displays the total number of EMS Incidents by VDH Health District relative to the per capita populations. From left to right, the chart orders the districts from highest to lowest based on the rate of overdoses relative to per capita population. This order highlights the regions with the most incidents regardless of population size. The data used to create it contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement dating back to May 2021. It is important to note that this data set consists of both fatal and nonfatal overdose related information.

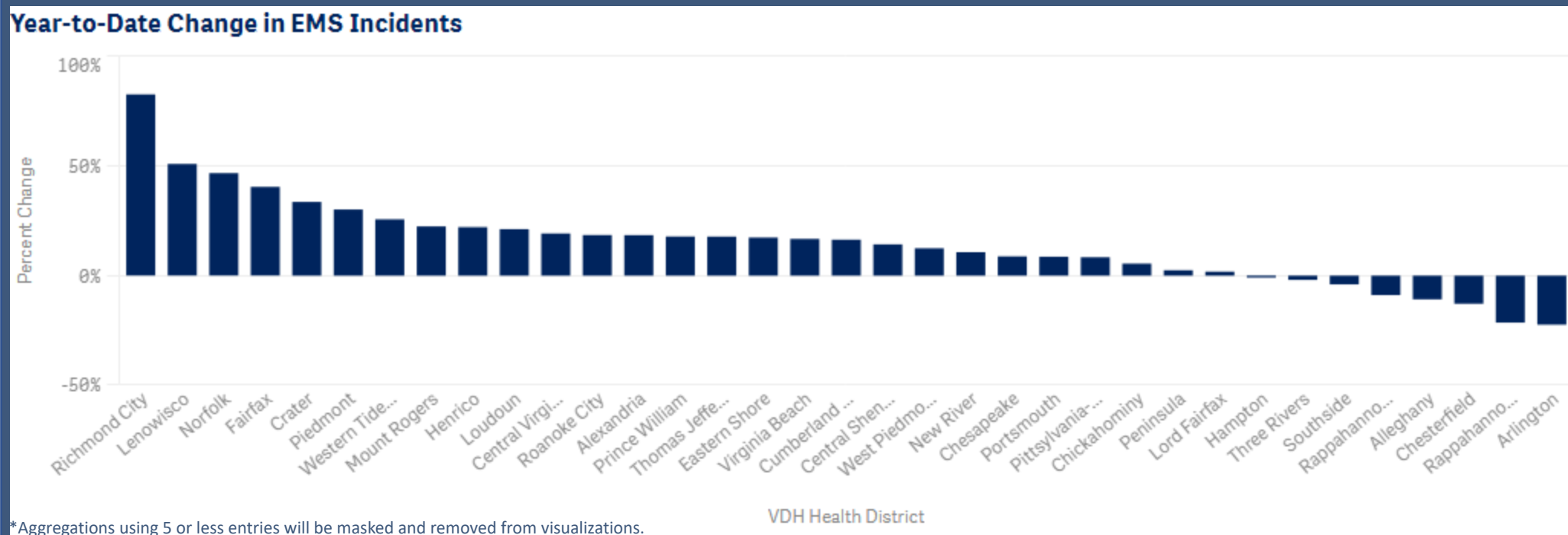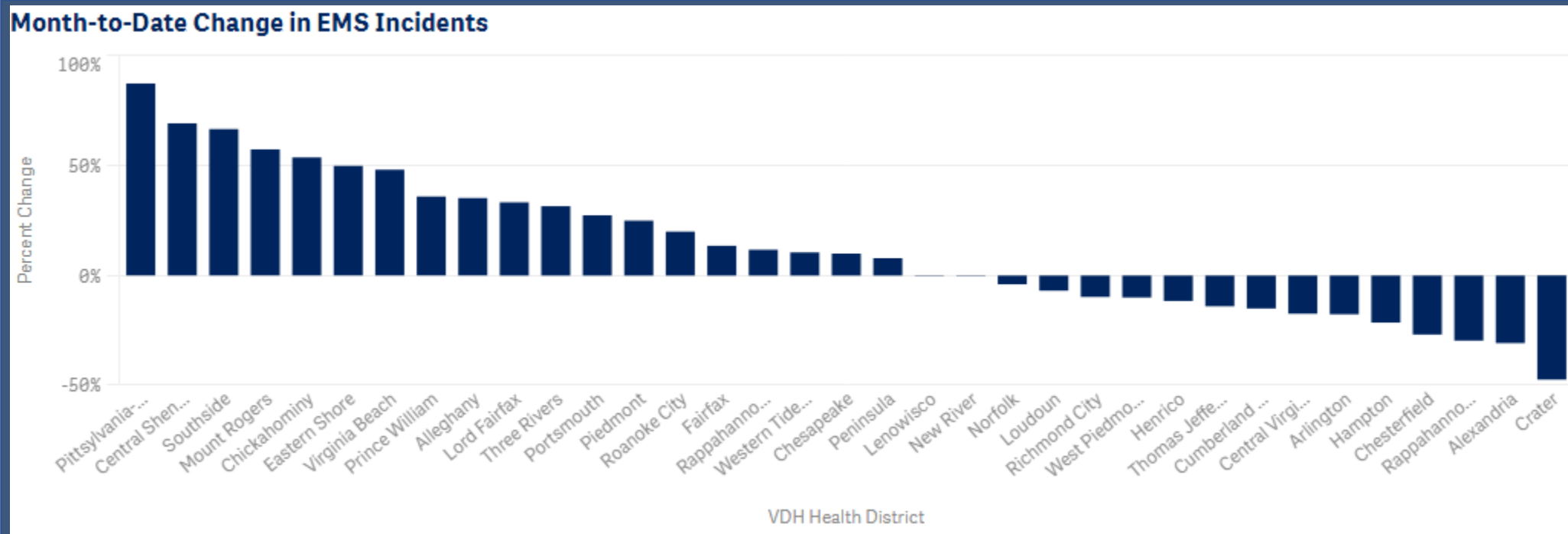## VDH Health District EMS Incidents relative to Per Capita Populations

*Aggregations using 5 or less entries will be masked and removed from visualizations.

VDH Health Districts

These charts display the percent change in EMS Incidents over the past month and year, allowing for easy identification of regions that have seen a significant increase in incidents recently. The Month-to-Date Change in EMS Incidents focuses on the change in EMS Incidents over the past month. Similarly, the Year-to-Date Change in EMS Incidents displays the change in incidents for each region, but it shows the change over the past year rather than the change over the past month. The data used to create it contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement from the current and previous year. It is important to note that this data set consists of both fatal and nonfatal overdose related information.

Month-to-Date Change in EMS Incidents

Year-to-Date Change in EMS Incidents

*Aggregations using 5 or less entries will be masked and removed from visualizations.

The chart below provides an overview of the localities in the same VDEM Region as the locality or localities of focus dating back to May 2021. This is meant to allow for comparison to see how different localities in the same region are handling opioid related overdoses. The data used to create this chart contained Emergency Medical Services (EMS) information for reported incidents that involve a substance or have suspected substance involvement. It is important to note that this data set consists of both fatal and nonfatal overdose related information.

Locality	VDH Health District	Most Common Diagnosis	Change from Previous Month	Change from Previous Year	Emergencies
City of Virginia Beach	Virginia Beach	Opioid related disorders	28	52	1,805
City of Portsmouth	Portsmouth	Agents primarily affecting the cardiovascular system	17	29	1,794
Westmoreland County	Three Rivers	Opioid related disorders	5	8	81
Northampton County	Eastern Shore	Other stimulant related disorders	5	0	62
City of Newport News	Peninsula	Sedative, hypnotic, or anxiolytic related disorders	4	-1	821
York County	Peninsula	Opioid related disorders	4	9	173
City of Chesapeake	Chesapeake	Narcotics and psychodysleptics	3	14	831
Middlesex County	Three Rivers	Abnormalities of heart beat	3	-1	47
City of Franklin	Western Tidewater	Diuretics and oth and unsp drug/meds/biol subst	2	-2	92
Isle of Wight County	Western Tidewater	Opioid related disorders	1	7	99
Southampton County	Western Tidewater	Narcotics and psychodysleptics	1	-1	57
City of Williamsburg	Peninsula	Poisoning by oth drug/meds/biol subst, undetermined	0	-1	N/A
Mathews County	Three Rivers	Diuretics and oth and unsp drug/meds/biol subst	0	0	6
Richmond County	Three Rivers	Diuretics and oth and unsp drug/meds/biol subst	0	-1	21
Surry County	Crater	Somnolence, stupor and coma	0	1	N/A
James City County	Peninsula	Somnolence, stupor and coma	-2	-2	262
City of Suffolk	Western Tidewater	Agents prim act on smooth and skeletal musc and the resp sys	-2	23	382
Lancaster County	Three Rivers	Diuretics and oth and unsp drug/meds/biol subst	-2	-7	42
Northumberland County	Three Rivers	Diuretics and oth and unsp drug/meds/biol subst	-2	5	26
Accomack County	Eastern Shore	Sedative, hypnotic, or anxiolytic related disorders	-2	4	84
City of Norfolk	Norfolk	Opioid related disorders	-3	129	1,782
City of Poquoson	Peninsula	Oth symptoms and signs w cognitive	-3	1	24

*Aggregations using 5 or less entries will be masked and removed from visualizations.