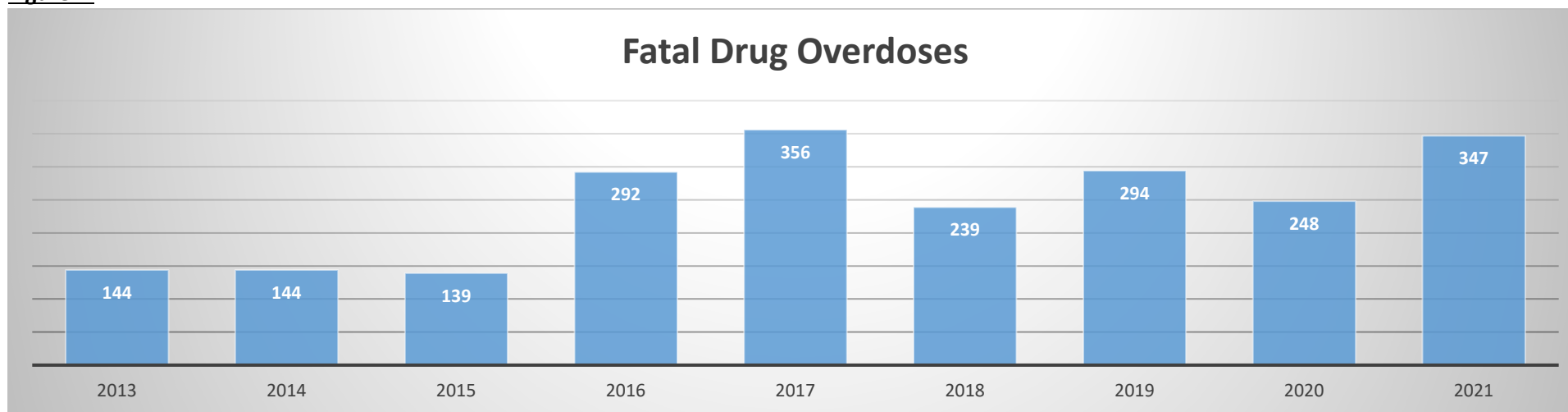


The Drug Overdose Quarterly Report summarizes the drug overdose incidence among Cleveland residents. The metrics in this report include the number of emergency department visits for drug overdoses, data regarding drugs that are causing the overdoses, and deaths due to drug overdoses. This report includes data from January 1st through March 31st of 2022.

- There were 81 overdose deaths in Quarter 1 (Q1) of 2022. Over 80% of the overdose deaths were due to opioid use complicated by fentanyl.
- There were 330 emergency department (ED) visits for drug overdoses. Of these visits, 13 of them were for repeat overdoses within the same quarter.
- There were 2,373 emergency department visits for substance abuse-related concerns. These represent 4.03% of all emergency department visits.

Drug Abuse Indicators	Quarter 1 – 2022	Quarter 4 – 2021	Change	Previous Year Total
Fatal drug overdoses	82	96	-14	347
Emergency department visits related to drug overdoses	330	448	-118	1,916
Emergency department visits related to substance abuse	2,373	2,823	-450	12,590

Figure 1.



Data Source: Ohio Vital Statistics. Data extracted on 8/26/2022. Data is preliminary and subject to change.
Quarter 4 (Q4) of 2021 runs from October 1st, 2021 through December 31st, 2021

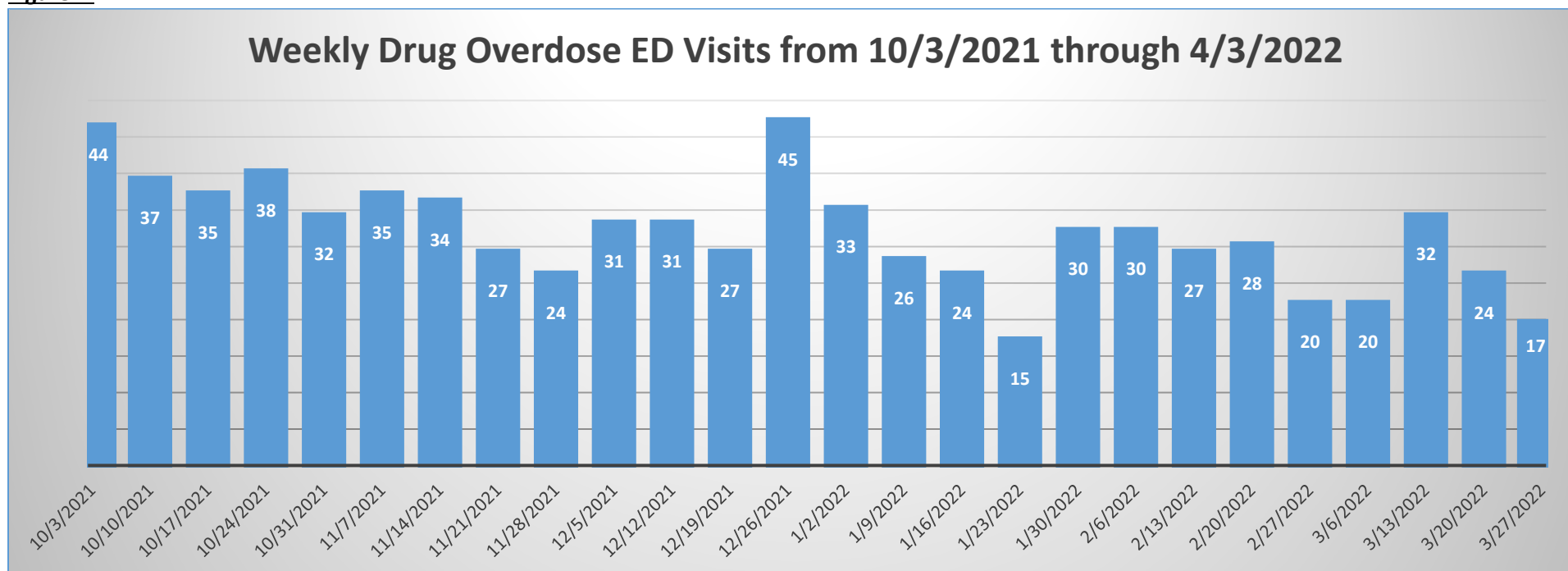
Drug Overdose Quarterly Report

Drug Overdose Emergency Department Visits

There were 330 emergency department visits for drug overdoses in Q1 2022, which was a decrease from last quarter (448 in Q4 2021). Of all drug overdoses in Q1 2022, 32% involved an opioid (56% of which specifically involved heroin), and 5% involved a stimulant such as cocaine or methamphetamine. These overdoses continue to mostly impact residents that are male and between the ages of 30-44 years old.

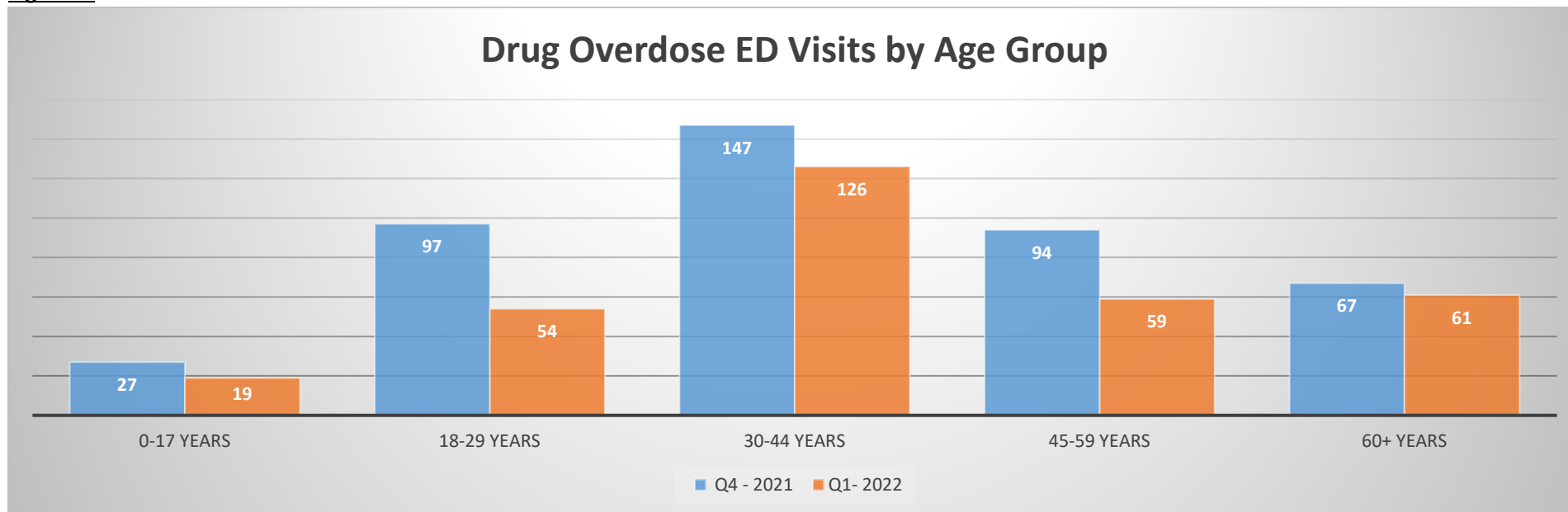
The rate of emergency department visits for drug overdoses in Q1 was highest among residents that live in the ZIP Codes 44114 and 44115. Approximately 44% of emergency department visits for drug overdoses did not involve opioids or stimulants. The overdoses that did not involve opioids or stimulants, involved alcohol, insulin, acetaminophen and/or benzodiazepines.

Figure 2.



Data Source: Health Monitoring System: EpiCenter 3.5.23. Data compiled on 8/17/2022. Data is preliminary and subject to change.

Figure 3.



Demographics of Drug Overdose ED Visits

Sex	
Drug Overdose ED Visits 2017-2021	Drug Overdose ED Visits Q1 2022
Male 60.86%	Male 62.69%
Female 39.07%	Female 37.31%

Race	
Drug Overdose ED Visits 2017-2021	Drug Overdose ED Visits Q1 2022
Black/African American 28.17%	Black/African American 46.06%
White 41.58%	White 42.73%
Other 30.25%	Other 11.21%

Ethnicity	
Drug Overdose ED Visits 2017-2021	Drug Overdose ED Visits Q1 2022
Non-Hispanic/Latino 62.48%	Non-Hispanic/Latino 88.48%
Hispanic/Latino 8.60%	Hispanic/Latino 11.21%
Other 28.92%	Other 0.30%

Fatal Drug Overdose

There were 82 fatal drug overdoses in Q1 2022, which was a decrease compared to the previous quarter (96 deaths in Q4 2021). Over 80% of the fatal drug overdoses this quarter specifically involved fentanyl, a synthetic opioid pain reliever that has been involved in a majority of fatal overdose deaths since 2016. Fatal drug overdoses that did not involve fentanyl were caused by methamphetamine, cocaine, another, opiate, and/or alcohol. Over 90% of fatal overdoses involved one or more drugs. These overdoses mostly affect residents that are male and between the ages of 30-44 years old. Over 96% of fatal drug overdoses were unintentional and 2% were suicides.

Fatal Drug Overdoses from October 2021 through March 2022

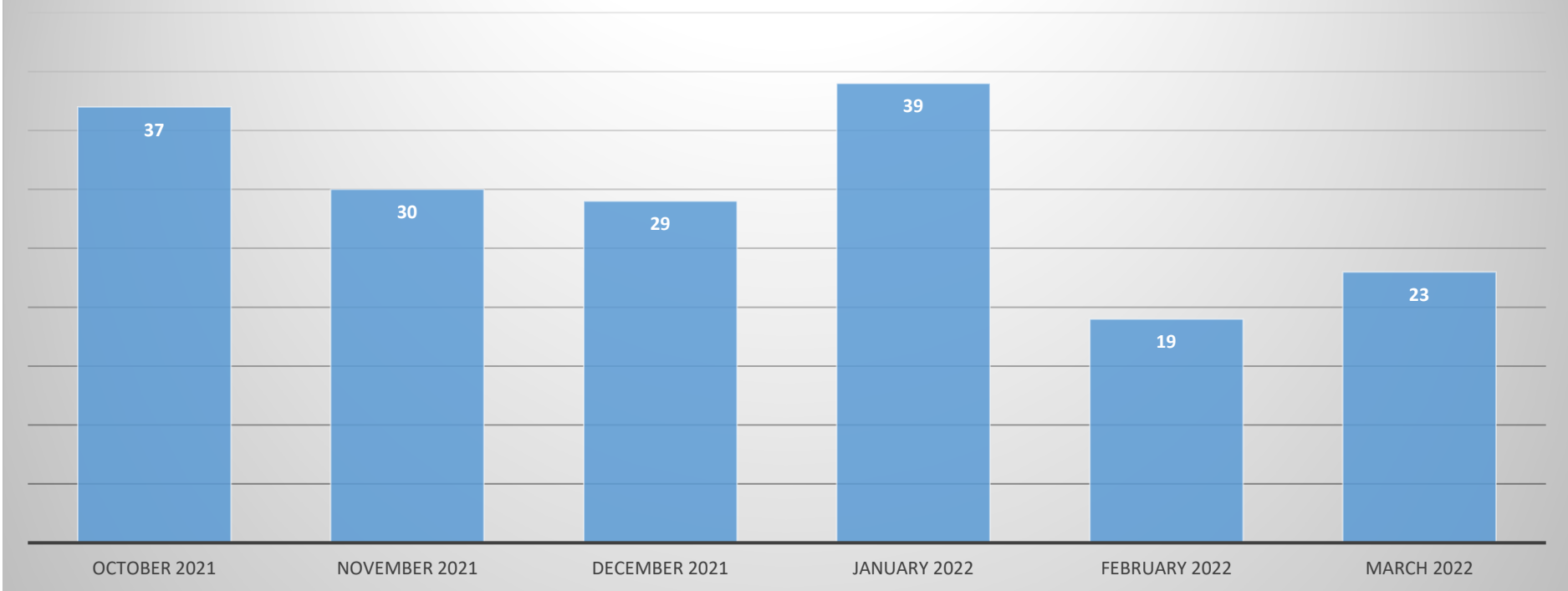
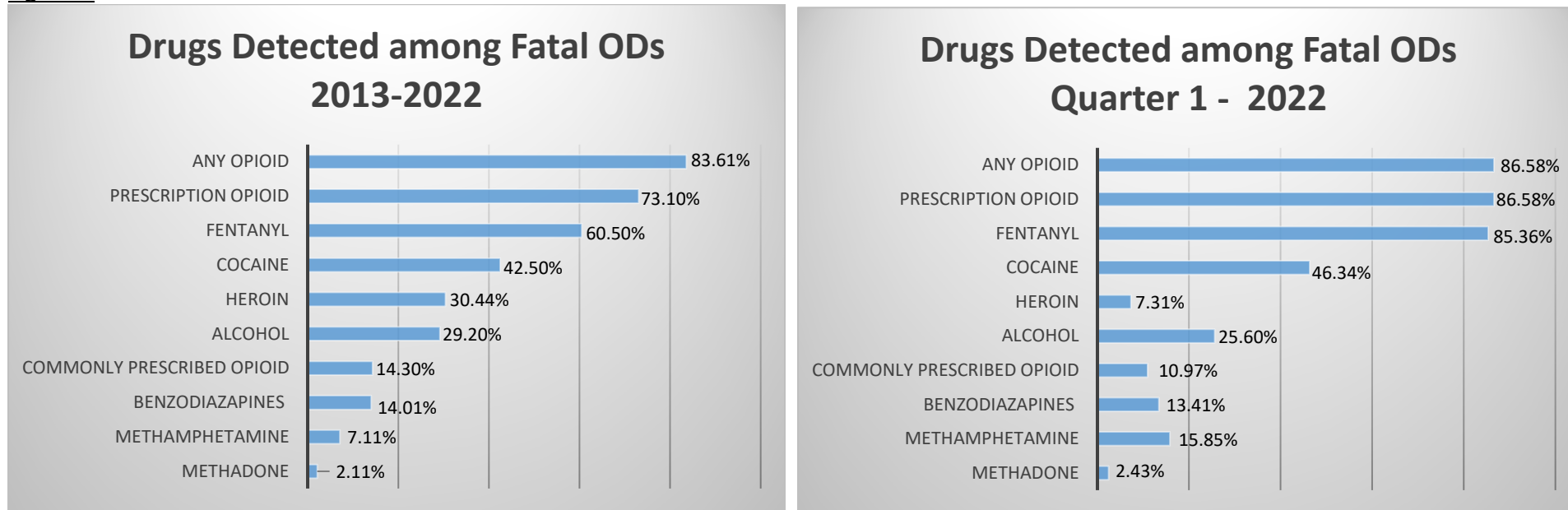


Figure 4.



Demographics of Fatal Drug Overdoses

Age Group	
All Fatal ODs 2013-2022	Fatal ODs - Q1 2022
0-17 years 12 (0.57%)	0-17 years 1 (1.21%)
18-29 years 246 (10.61%)	18-29 years 7 (8.53%)
30-44 years 698 (30.10%)	30-44 years 32 (39.02%)
45-59 years 938 (40.45%)	45-59 years 24 (29.26%)
60+ years 425 (18.33%)	60+ years 18 (21.95%)

Sex	
All Fatal ODs 2013-2022	Fatal ODs – Q1 2022
Male 1,643 (70.85%)	Male 57 (69.51%)
Female 676 (29.15%)	Female 25 (30.49%)

Race	
All Fatal ODs 2013-2022	Fatal ODs – Q1 2022
White 1,501 (64.73%)	White 40 (49.38%)
Black/African American 785 (33.85%)	Black/African American 39 (48.15%)
Multi-racial 2 (0.09%)	Multi-racial 0 (0.00%)
Unknown 31 (1.33%)	Unknown 2 (2.44%)