

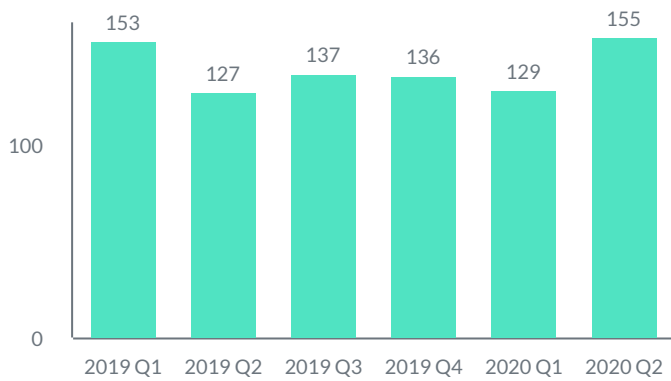
Overdose Data to Action Cuyahoga County, Ohio

Cuyahoga County Board of Health & Begun Center, Case Western Reserve University

Overdose data surveillance is intended to generate insight to drive more effective prevention and response activities by providing timely dissemination of drug overdose related trends.

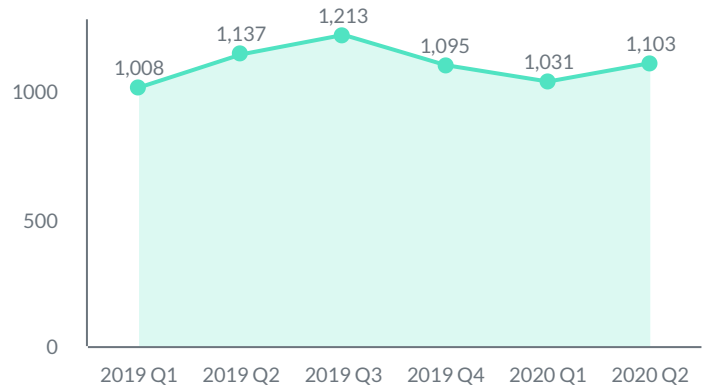
Overdose Deaths ↑ 20.2%

Total Drug Related OD Deaths
Cuyahoga County Medical Examiner's Office Records



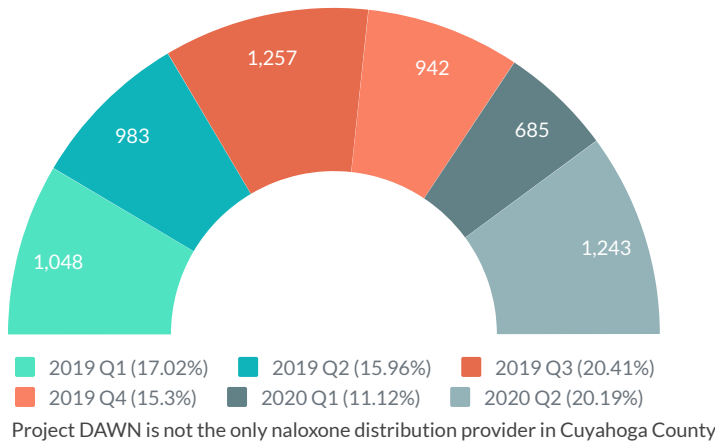
Emergency Room Visits ↑ 7%

Suspected Drug ODs in ERs



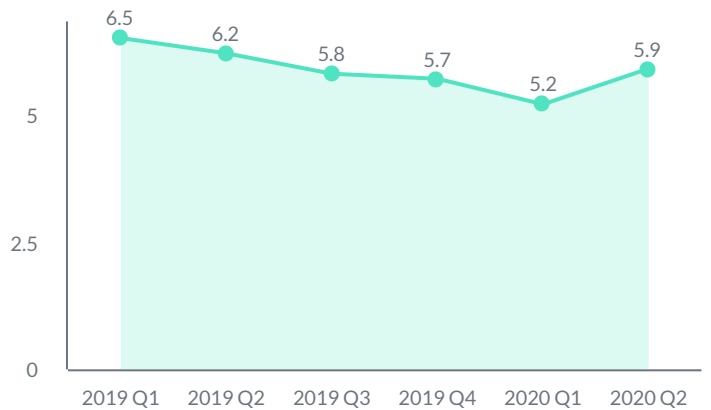
Project DAWN ↑ 81.5%

Naloxone Kits Distributed



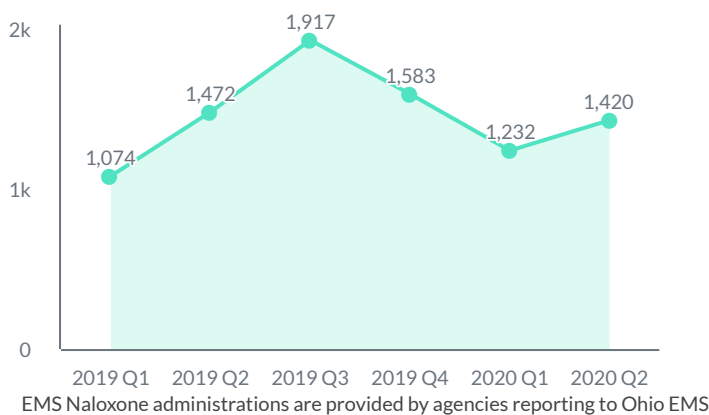
Opioid Prescribing ↑ 14.2%

Opioid Doses Dispensed per Capita



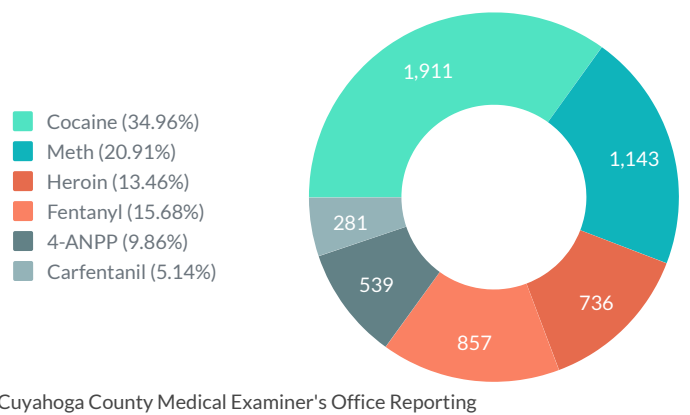
EMS Naloxone ↑ 15.3%

Number of Naloxone Doses Administered



Drug Seizure & Lab Testing









Number of Lab Submissions by Drug Type from January - June 2020





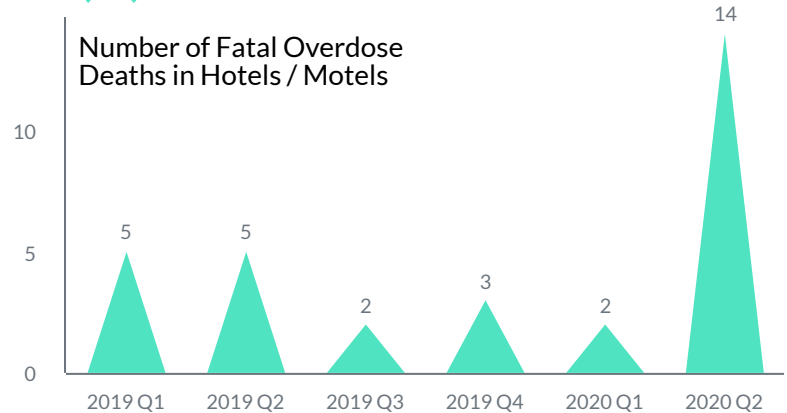
Overdose Alert Periods

(January 2020 - Present)

-  1/15/20 EpiCenter Alert (17 cases)
-  2/1/20 EpiCenter Alert (23 cases)
-  4/1/20 EpiCenter Alert (3 alerts in 24hrs - 20 cases)
-  5/19/20 CCME0 Alert (9 deaths in 48hrs)
-  6/8/20 EpiCenter Alert (26 cases)
-  7/25/20 EpiCenter Alert (25 cases)
-  7/29/20 EpiCenter Alert (4 alerts in 24hrs - 28 cases)
-  10/13/20 CCME0 Alert (19 deaths in one week)



Emerging Trends



Drug related overdose deaths in hotels

During 2020 Q2, COVID-19 mitigation related orders were being relaxed and hotel rates were lower compared to pre-COVID rates. As of late September 2020, seven fatalities had been recorded for Q3, although not as high as Q2, this count is higher than the year average. (Source: CCME0)

Important Findings / Trends

Increases or decreases are from Q1 2020 to Q2 2020 unless otherwise stated.

Overdose Deaths¹ Drug related overdose deaths in Cuyahoga County increased 20.2% (129 to 155). CCME0 estimates the total drug related overdose deaths for 2020 will be 650, an 11.7% increase from 2019.

Syndromic Surveillance² There was an increase of 7% (1,031 to 1,103) for persons presenting to hospital emergency departments for a suspected drug overdose.

Project DAWN (Deaths Avoided with Naloxone)³ Naloxone kit distribution increased 81.5% (685 to 1,243).

Prescription Drug Monitoring⁴ Opioid doses dispensed per capita in Cuyahoga County increased 14.2% (5.2 to 5.94). Opioid doses dispensed per patient also increased 10.9% (109.35 to 121.26). Opioid prescribing has seen a gradual and steady decrease since 2012. This increase appears to be the largest increase in a single quarter since 2010.

Naloxone Administration⁵ Ohio Emergency Medical Services (EMS) reported a 15.3% quarterly increase in naloxone doses administered by EMS agencies in Cuyahoga County (1,232 to 1,420).

Drug Lab Submissions¹ From January to June 2020, cocaine ranked highest in number of lab submissions (1,911), however the top four opioids reported by CCRFSL (heroin, fentanyl, 4-ANPP and carfentanyl) account for a total of 2,413 submissions. Methamphetamine submissions increased 17.3% during from 2020 Q1 to 2020 Q2 (526 to 617) and from January through August 2020 **methamphetamine submissions have increased 117%** compared to the same period in 2019 (868 vs 1,881).
Cuyahoga County Board of Health
<https://www.ccbh.net/overdose-data-dashboard/>

Data Sources:

- 1 Heroin and Fentanyl Related Deaths in Cuyahoga County. June Update 7/9/20 and August Update 9/10/20. Cuyahoga County Medical Examiner's Office. Available at <http://medicalexaminer.cuyahogacounty.us/en-US/CC-HerooinInitiative.aspx>
- 2 Emergency Department Visits for Suspected Drug Overdose Among Ohio Residents Ages 11 Years and Older. EpiCenter. Ohio Department of Health. Available at <https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/violence-injury-prevention-program/Suspected-OD-Dashboard2>
- 3 ProjectDAWN. MetroHealth Office of Opioid Safety. <https://www.metrohealth.org/office-of-opioid-safety>
- 4 Ohio Automated Rx Reporting System. Ohio Board of Pharmacy. Available at <https://www.ohiopmp.gov/County.aspx>
- 5 Naloxone Administration by Ohio EMS Providers. Ohio Emergency Medical Services (EMS). Available at <https://www.ems.ohio.gov/#gsc.tab=0>