CCMEO 2015-17 Opioid involved deaths

Notes: All analogues are included in total fentanyl-involved deaths and there is overlap between categories

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO All Drug Related Deaths 2017, By Type and Combinations, By Month

- Heroin
- All Fentanyl
- Combined all fentanyl w/cocaine
- Carfentanil
- Combined heroin-carfentanil
- Combined heroin-analog
- Fentanyl (no cocaine, heroin or analog)
- TOTAL Opioid/Cocaine Deaths
- All Cocaine
- Other Analogs
- Combined all fentanyl w/heroin

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County Overdose Deaths 2006-2017
Most Common Drugs

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO Comparison Violent Deaths vs. Heroin/Fentanyl 2014-2017

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County Overdose Deaths 2013-2017
Impact of Fentanyl

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County Overdose Deaths 2006-2017
% Impact of Fentanyl (including analogs) and other drugs

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County has seen 800 more fentanyl related deaths in the past 2 years than the previous decade.

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO Overdose Deaths involving Cocaine 2006-2017
The Explosion of Cocaine

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO Cocaine related Overdose Deaths 2006-2017
Demographic Shift in Cocaine Deaths
(Includes cocaine/fentanyl mixed cases)

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO Fentanyl-related fatalities among African Americans 2014-2017

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County Overdose Deaths 2006-2018*

Most Common Drugs (*projected based upon estimated cases as of May 31, 2018)

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Cuyahoga County Heroin/Fentanyl Related Overdose Deaths 2013-2017
Projected deaths with DAWN Saves as overdose Deaths

Source: Cuyahoga County Medical Examiner's Office revised 6-1-18
### 2017 DEMOGRAPHIC ANALYSIS – SUMMARY (PENDING)

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<th>Male</th>
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<th>Fentanyl + Cocaine</th>
<th>Fentanyl + Heroin + Cocaine</th>
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**Note:** Data sourced from Cuyahoga County Medical Examiner’s Office revised 6-1-18.
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Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
# 2017 Demographic Analysis – Heroin (Pending)

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*Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18*
2017 DEMOGRAPHIC ANALYSIS – COCAINE (PENDING)

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<tr>
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<td>Total</td>
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<td>73</td>
<td>32.69%</td>
<td>13.08%</td>
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Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
### 2017 DEMOGRAPHIC ANALYSIS – CARFENTANIL (PENDING)

| Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18 |
2017 AGENCY IMPACTS –

CASE INVESTIGATIONS

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<th>Pathologist</th>
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<th>Jul</th>
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Total # Cases: 200.1 182.8 192.1 173 173.2 201.9 179.1 177.7 176.4 181.5 183.4 174.7 2214

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18

DRUG CHEMISTRY

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Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
# 2017 AGENCY IMPACTS –

## TOXICOLOGY

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## HOMICIDES

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*Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18*
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Note: 2016 caseload increased 16.196%

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
## AGENCY IMPACTS - DRUG CHEMISTRY

### MEDICAL EXAMINER / CCFRSL

#### Drug Chemistry 2016

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**Note:** 2016 caseload increased 10.96% & items processed in those cases has increased by 34.07%.

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*Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18*
## AGENCY IMPACTS - TOXICOLOGY

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**Note:** 2016 Caseload increased 8.6%

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Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
### AGENCY IMPACTS - HOMICIDES

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### MEDICAL EXAMINER / CCFRSL 2015

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Note: Represents increase of 25 homicides (+15 in Cleveland, +7 in suburbs and -2 Out of County, +5 unknown incident origin) in 2016

| Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18 | 2014 |       |     |     |     |     |     |     |     |     |     |     | 108   |
| City of Cleveland    | 8   | 8    | 6   | 8   | 14  | 9   | 6   | 5   | 12  | 12  | 15  | 5   | 108   |
| Suburban Cuyahoga County | 3  | 1    | 3   | 3   | 0   | 4   | 1   | 0   | 1   | 4   | 0   | 2   | 22    |
| Out of County        | 1   | 1    | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 1     |
| Unknown              | 0   | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1     |
| TOTAL                | 12  | 10   | 9   | 12  | 15  | 13  | 8   | 6   | 13  | 16  | 15  | 9   | 138   |
## WHAT WE KNOW

### Fentanyl Substances

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<tr>
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<td>Methoxyacetylfentanyl</td>
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*Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18*
Naloxone in Cuyahoga County

Source: Cuyahoga County Medical Examiner's Office revised 6-1-18
CCMEO/CCRFSL Drug Chemistry testing
# Items or powder with both cocaine and fentanyl (includes fentanyl analogs)

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCRFSL, Drug Chemistry Lab
Positive Findings of Fentanyl Analogs
2016-2017

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18
CCMEO Comparing Fentanyl and Carfentanil Relationship between Lab Submissions and Fatalities, Monthly Totals, 2014-2018* (*through April)

Source: Cuyahoga County Medical Examiner’s Office revised 6-1-18