CUYAHOGA COUNTY MEDICAL EXAMINER’S OFFICE

Heroin/Fentanyl/Cocaine Related Deaths in Cuyahoga County

2020 FEBRUARY UPDATE
March 5, 2020
Cuyahoga County Overdose Deaths 2006-2020* Most Common Drugs
(*2019 projections based on data collected thru 12/31/19; 2020 projections based on data thru 3/5/20)

Source: Cuyahoga County Medical Examiner’s Office revised 3-5-20
CURRENT PUBLIC HEALTH EMERGENCY — at least 7 case(s) since March 1

Fatal Cases due to heroin/fentanyl/analogs in FEBRUARY— at least 23 (0 cases pending testing)
11 - City of Cleveland Residents
9 - Suburban Residents- Brooklyn, Euclid, Garfield Hts., Lyndhurst, North Olmsted (2), Parma (2), Warrensville Hts. and,
3- Out of County- Brunswick (Medina), Columbia Station (Lorain), Escondido (CA)

VICTIMS
Victims’ ages range from 25 - 68
18 Male victims; 5 Female victims
8 African American victims; and 15 Caucasian victims (2 hispanic victims)

TRENDS
At least 52 victims have died from heroin/fentanyl/analog or in combination through February 2020. This compares to 102 in 2019; 65 in 2018 and 112 in 2017. 2020 total is at least 91 fatalities when including cocaine as well.

Carfentanil: 191 cases in 2017; 24 cases in 2018; 220 in 2019; 22 confirmed in 2020 as of 3/5/20

Rate of African American deaths involving fentanyl is 28.8% of all victims in 2020, r than the 27.11% in 2019, but higher than 2016 (14.5%), the 20.33% in 2017 and 21.11 in 2018. As many as 27 cocaine related deaths occurred in February 2020 with as many as 16 being mixed with Fentanyl, Heroin or both.

Source: Cuyahoga County Medical Examiner’s Office revised 3-5-20
### 2020 CCMEO Overdose Deaths, Most Common Drugs Involved* (thru March 5, 2020)

Combined is heroin and fentanyl or cocaine and fentanyl in some combination
(Fentanyl analogues will be counted under Fentanyl Columns)

<table>
<thead>
<tr>
<th></th>
<th>JAN - 50 total</th>
<th>FEB - 35 total</th>
<th>MAR - 7 total</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heroin</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>63</td>
</tr>
<tr>
<td>Fentanyl</td>
<td>22</td>
<td>15</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Heroin/Fentanyl Combined</td>
<td>20</td>
<td>15</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Cocaine alone</td>
<td>0</td>
<td>11</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>Total Cocaine</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Cocaine/Fentanyl Combined</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Opioid ODs (awaiting confirmation tests)</td>
<td>6</td>
<td>7</td>
<td>1</td>
<td>6</td>
</tr>
</tbody>
</table>

Source: Cuyahoga County Medical Examiner’s Office revised 3-5-20
2019 CCMEO Overdose Deaths, Most Common Drugs Involved
Combined is heroin and fentanyl or cocaine and fentanyl in some combination
(Fentanyl analogues will be counted under Fentanyl Columns).

Source: Cuyahoga County Medical Examiner’s Office revised 1-19-20
Cuyahoga County has seen 1604 more fentanyl related deaths in the past 48 months than the entire decade prior.

Source: Cuyahoga County Medical Examiner’s Office revised 3-5-20
Opioid related overdose deaths as Percentage* of All Drug related Deaths

*(2006-2010 54%; 2011-2018 77%; 2019 Projected after 1st Qtr)

Source: Cuyahoga County Medical Examiner’s Office revised 1-19-20
CCMEO Fentanyl-related fatalities among African Americans 2014-2020* (*thru March 5, 2020)

Source: Cuyahoga County Medical Examiner’s Office revised 1-19-20
CCMEO, Proliferation of Heroin/Fentanyl and Cocaine/Fentanyl mixtures in fatalities 2013-2020* (* thru March 5, 2020)

<table>
<thead>
<tr>
<th>Year</th>
<th>Cocaine + Carfentanil</th>
<th>Cocaine + Fentanyl</th>
<th>Heroin + Fentanyl</th>
<th>Fentanyl</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>10</td>
<td>32</td>
<td>50</td>
<td>0</td>
</tr>
<tr>
<td>2019</td>
<td>84</td>
<td>125</td>
<td>190</td>
<td>449</td>
</tr>
<tr>
<td>2018</td>
<td>8</td>
<td>139</td>
<td>156</td>
<td>398</td>
</tr>
<tr>
<td>2017</td>
<td>67</td>
<td>190</td>
<td>217</td>
<td>492</td>
</tr>
<tr>
<td>2016</td>
<td>20</td>
<td>161</td>
<td>213</td>
<td>399</td>
</tr>
<tr>
<td>2015</td>
<td>0</td>
<td>24</td>
<td>47</td>
<td>92</td>
</tr>
<tr>
<td>2014</td>
<td>0</td>
<td>12</td>
<td>22</td>
<td>37</td>
</tr>
<tr>
<td>2013</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

Source: Cuyahoga County Medical Examiner’s Office revised 3-5-20
CCMEO Cocaine related Overdose Deaths 2006-2019*
Demographic Shifts in Cocaine Deaths
(Includes cocaine/fentanyl mixed cases)
*2019 from 3rd Qtr data and projected from remainder of 2019 as of 12/31/19

Source: Cuyahoga County Medical Examiner’s Office revised 1-19-20
CCMEO 2013-2019 Deaths from Fentanyl and Fentanyl-impacted drugs of abuse

- Non-fentanyl associated Heroin deaths
- Non-fentanyl associated Cocaine deaths
- All Fentanyl (inc. analogs not carfentanil)
- All opioids (non fentanyl/heroin/cocaine)
- Non-fentanyl carfentanil
- Fentanyl (ALL)

Source: Cuyahoga County Medical Examiner’s Office revised 1-17-20
CCMEO/CCRFSL Relationship of Fentanyl and Carfentanil Fatalities and Fentanyl and Carfentanil Lab Submissions 2014-2019

Source: Cuyahoga County Medical Examiner’s Office revised 1-17-20
Source: Cuyahoga County Medical Examiner’s Office revised 1-6-20