This data brief highlights demographic data from confirmed opioid-related overdose deaths for all intents, from January 2022 through December 2022.

**Confirmed Opioid-Related Overdose Deaths, All Intents, by Sex:**
**January 2022-December 2022**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>1,674</td>
</tr>
<tr>
<td>Female</td>
<td>636</td>
</tr>
<tr>
<td>Total</td>
<td>2,310</td>
</tr>
</tbody>
</table>

Deaths by Sex

- **Male (72%)**
- **Female (28%)**
Confirmed Opioid-Related Overdose Deaths, All Intents
Compared to All Deaths by Age: January 2022-December 2022

<table>
<thead>
<tr>
<th>Age Group</th>
<th>&lt;15</th>
<th>15-24</th>
<th>25-34</th>
<th>35-44</th>
<th>45-54</th>
<th>55-64</th>
<th>65+</th>
<th>Unknown</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Deaths</td>
<td>338</td>
<td>427</td>
<td>1,099</td>
<td>1,853</td>
<td>2,928</td>
<td>7,113</td>
<td>49,528</td>
<td>9</td>
<td>63,295</td>
</tr>
<tr>
<td>Confirmed Opioid-Related Overdose Deaths, All Intents</td>
<td>3</td>
<td>102</td>
<td>431</td>
<td>657</td>
<td>494</td>
<td>493</td>
<td>130</td>
<td>0</td>
<td>2,310</td>
</tr>
</tbody>
</table>

Deaths by Age

- All Deaths:
  - <25: 16%
  - 25-44: 78%
  - 45-64: 1%
  - 65+: 6%

- All Intents Opioids:
  - <25: 5%
  - 25-44: 47%
  - 45-64: 43%
  - 65+: 6%
Confirmed Opioid-Related Overdose Deaths, All Intents
Compared to All Deaths by Race and Hispanic Ethnicity: January 2022-December 2022

<table>
<thead>
<tr>
<th></th>
<th>White non-Hispanic</th>
<th>Black non-Hispanic</th>
<th>Asian non-Hispanic</th>
<th>Hispanic</th>
<th>American Indian non-Hispanic</th>
<th>Other non-Hispanic</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Deaths</td>
<td>54,160</td>
<td>3,577</td>
<td>1,660</td>
<td>3,225</td>
<td>141</td>
<td>452</td>
<td>63,295</td>
</tr>
<tr>
<td>Confirmed Opioid-Related</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2,310</td>
</tr>
<tr>
<td>Overdose Deaths, All Intents</td>
<td>1,594</td>
<td>262</td>
<td>23</td>
<td>375</td>
<td>13</td>
<td>35</td>
<td>2,310</td>
</tr>
</tbody>
</table>

Deaths by Race and Hispanic Ethnicity

- All Deaths:
  - White non-Hispanic: 86%
  - Black non-Hispanic: 69%
  - Asian non-Hispanic: 11%
  - Hispanic: 5%
  - American Indian non-Hispanic: 4%
  - Other non-Hispanic: 1%
  - Unknown: 1%

- All Intents Opioids:
  - White non-Hispanic: 86%
  - Black non-Hispanic: 69%
  - Asian non-Hispanic: 11%
  - Hispanic: 5%
  - American Indian non-Hispanic: 4%
  - Other non-Hispanic: 1%
  - Unknown: 1%
*Rate calculations based on death counts less than 5 are excluded due to rate instability.

**Technical Notes**

- Opioids include heroin, illicitly manufactured fentanyl, opioid-based prescription painkillers, and other unspecified opioids.
- 2020 - 2022 death data are preliminary and subject to updates. Case reviews of deaths are evaluated and updated on an ongoing basis. Many deaths have yet to be assigned final cause of death codes. The information presented in this report only includes confirmed cases. Data updated on 04/25/2023.
- Beginning with the May 2017 report, DPH started reporting opioid-related overdose deaths for all intents, which includes unintentional/undetermined and suicide.
- Beginning with the August 2019 report, DPH updated the case definition used to identify opioid-related overdose deaths to match the CDC’s case definition. The following International Classification of Disease (ICD-10) codes for mortality were selected from the underlying cause of death field to identify poisonings/overdoses: X40-X44, X60-X64, X85, and Y10-Y14. All multiple cause of death fields were then used to identify an opioid-related overdose death: T40.0, T40.1, T40.2, T40.3, T40.4, and T40.6.

**Sources**

- Massachusetts Registry of Vital Records and Statistics, MDPH
- Population 2011-2019: Population Estimates 2011-2019, version 2020, Massachusetts Department of Public Health, Bureau of Environmental Health. Version 2020 years 2018-2019 apply updates from U.S. Census Bureau’s County Population by Characteristics, vintage 2020; all previous years apply updates from U.S. Census Bureau’s County Population by Characteristics, vintage 2019 or earlier. These estimates were developed by the University of Massachusetts Donahue Institute (UMDI) in partnership with the Massachusetts Department of Public Health, Bureau of Environmental Health.