City of Detroit Maternal Mortality
2015-2019

Definitions

Pregnancy-Associated (Total) – death of a woman that occurs during pregnancy or within a year of the end of pregnancy, including pregnancy-related, pregnancy-associated not related, and deaths where pregnancy relatedness was unable to be determined.

Pregnancy-Related – death of a woman while pregnant or within one year of the end of pregnancy from any cause directly related to or aggravated by the pregnancy or its management.

Pregnancy-Associated, Not Related – death of a woman while pregnant or within one year of pregnancy due to a cause unrelated to the pregnancy.

Data Source


Table 1. Counts and Ratios of maternal mortality, by Race, City of Detroit, 2015-2019

<table>
<thead>
<tr>
<th></th>
<th>All Races</th>
<th></th>
<th>White</th>
<th></th>
<th>Black</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Ratio per 100,000</td>
<td>Count</td>
<td>Ratio per 100,000</td>
<td>Count</td>
<td>Ratio per 100,000</td>
</tr>
<tr>
<td>Pregnancy-Associated</td>
<td>63</td>
<td>131.9</td>
<td>6</td>
<td>122.8</td>
<td>55</td>
<td>141.3</td>
</tr>
<tr>
<td>Pregnancy-Associated, Not Related</td>
<td>44</td>
<td>92.1</td>
<td>6</td>
<td>122.8</td>
<td>36</td>
<td>92.5</td>
</tr>
<tr>
<td>Pregnancy-Related</td>
<td>17</td>
<td>35.6</td>
<td>0</td>
<td>0.0</td>
<td>17</td>
<td>43.7</td>
</tr>
</tbody>
</table>

*Includes pregnancy-related deaths, pregnancy associated, not related deaths and deaths where pregnancy-relatedness was unable to be determined.

Other races suppressed due to sample size limitations (<6 cases). Unable to determine category suppressed due to sample size limitations (<6 cases).

Ratios are per 100,000 live births.
Figure 1. Pregnancy-Associated a (Total) Maternal Mortality by Year

Pregnancy-Associated (Total) Maternal Mortality, City of Detroit and Michigan, 2011-2019

- Includes pregnancy-related deaths, pregnancy associated, not related deaths and deaths where pregnancy-relatedness was unable to be determined.

It is important to note that due to relatively small sample size by year, a small change in deaths can lead to large changes in the maternal mortality ratio for City of Detroit.

Pregnancy-Related Maternal Mortality

City of Detroit Pregnancy-Related causes of death suppressed due to sample size limitations. Of the pregnancy-related maternal deaths in the City of Detroit, 52.9 percent were determined to be preventable.
Pregnancy-Associated, Not Related Maternal Mortality

Medical causes of death were the leading cause of pregnancy-associated, not related maternal mortality, followed by homicide.

Of the pregnancy-associated, not related maternal cases in the City of Detroit that were reviewed for preventability, 63.2 percent were determined to be preventable. Note, not all maternal cases reviewed for preventability due to expedited nature of the review.

Figure 2. Pregnancy-Associated, Not Related Cause of Death, Detroit 2015-2019

Pregnancy-Associated, not Related Causes of Death, City of Detroit, 2015-2019

- Motor Vehicle Crash: 18.2%
- Medical: 4.5%
- Homicide: 13.6%
- Accidental Poisoning/Drug Overdose: 34.1%
- Other: 29.5%