Maternal Health Update
MAC
July 27, 2023
Maternal Health Dashboard

- Interactive
- Contain maternal data and child data
- Child data includes
  - ED visits, well child visits
- Maternal data includes
  - Type of delivery
  - Term, pre-term late-term
  - Screenings, Doulas, smoking, NICU admissions
Maternal Health Dashboard

• Allows user to choose:
  – Specific year
  – MCO
  – Race
  – Ethnicity
Maternal Health Dashboard

Vaginal Delivery: 16,116 (63.44%)

C-Section: 9,286 (36.56%)

Ceasarian Primary: 5,442 (21.42%)

Ceasarian Repeat: 3,844 (15.13%)

All MCOs
Maternal Health Dashboard

One MCO

- Vaginal Delivery: 1,720 (62.50%)
- C-Section: 1,032 (37.50%)
- Ceasarian Primary: 714 (25.94%)
- Ceasarian Repeat: 318 (11.56%)
Maternal Health Dashboard

All MCOs White Race

- Vaginal Delivery: 2,303 (62.62%)
- C-Section: 1,375 (37.38%)
- Ceasarian Repeat: 616 (16.75%)
- Ceasarian Primary: 759 (20.64%)

All MCOs Black Race

- Vaginal Delivery: 11,073 (62.98%)
- C-Section: 6,509 (37.02%)
- Ceasarian Repeat: 2,803 (15.94%)
- Ceasarian Primary: 3,706 (21.08%)
Maternal Health Dashboard
Maternal Health Dashboard

Child Service Utilization

SOURCE
- COVID Vaccine
- ER
- Vaccination
- Well Child
Kentucky Department for Public Health

Maternal Mortality Review
2022 Report

Our mission is to improve the health and safety of people in Kentucky through prevention, promotion, and protection.
Maternal Mortality Review 2022

Figure 1: Total Number of Maternal* Deaths and Rate of Death From All Causes; Kentucky, 2013-2020

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Deaths</th>
<th>Rate of Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>45</td>
<td>80.8</td>
</tr>
<tr>
<td>2014</td>
<td>26</td>
<td>45.7</td>
</tr>
<tr>
<td>2015</td>
<td>41</td>
<td>73.1</td>
</tr>
<tr>
<td>2016</td>
<td>60</td>
<td>109.8</td>
</tr>
<tr>
<td>2017</td>
<td>43</td>
<td>84.8</td>
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<tr>
<td>2018</td>
<td>76</td>
<td>140.9</td>
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<tr>
<td>2019</td>
<td>61</td>
<td>115.1</td>
</tr>
<tr>
<td>2020</td>
<td>63</td>
<td>121.9</td>
</tr>
</tbody>
</table>

*Maternal death is defined as any female between the ages of 15-55 that was pregnant within one year prior to death or pregnant at death and died from any cause. The 2016-2020 data is preliminary, and numbers may change.

Maternal Mortality Review 2022

Figure 5: Total Number of MMRC Pregnancy-Related Deaths and Rate of Deaths; Kentucky, 2017-2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Deaths</th>
<th>Rate of Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>10</td>
<td>19.7</td>
</tr>
<tr>
<td>2018</td>
<td>9</td>
<td>16.6</td>
</tr>
<tr>
<td>2019</td>
<td>9</td>
<td>16.9</td>
</tr>
</tbody>
</table>
Maternal Mortality Review 2022

Figure 2: Total Number of Maternal* Deaths by Manner of Death; Kentucky, 2013-2020 Combined

*Maternal death is defined as any female between the ages of 15-55 that was pregnant within one year prior to death or pregnant at death and died from any cause. The 2016-2020 data is preliminary, and numbers may
Figure 3: Percent of Accidental Maternal Deaths due to Drug Overdose, Kentucky, 2013-2020

*Maternal death is defined as any female between the ages of 15-55 that was pregnant within one year prior to death or pregnant at death and died from any cause. Drug overdose is defined by the ICD-10 code X40-X49. The 2016-2020 data is preliminary, and numbers may change.

Maternal Mortality Review 2022
Racial Disparities

Figure 4: Difference in Maternal Deaths From Any Cause by Race, 2020

Rate of Maternal Deaths for Black Women: 230.4
Rate of Maternal Deaths for White Women: 114.2
Maternal Mortality Review 2022

Key Findings for 2019 Cohort

- 20% of maternal deaths were pregnancy-related deaths, and the rate of pregnancy-related mortality was 16.9 deaths per 100,000 live births.
- The rate of maternal deaths from all causes was 115.1 per 100,000 live births.
- 54% of all maternal mortality cases had substance use disorder linked to their death.
- 89% of maternal mortality cases were deemed to be preventable.
Questions?