Happy Birthday to You
Northeast Florida Infant Death Rates
per 1000 live births

Source: www.flordacharts.com
What is Infant Mortality?

The death of a baby before his or her first birthday.

The **infant mortality rate** is often used as an indicator to measure the health and well being of a population.
Infant Death Rate
per 1000 live births, 3 year rolling rate
Infant Deaths by Race
Northeast Florida (per 1000 live births)

Source: www.flordacharts.com
Low Birthweight by Race
(less than 5 lbs, 8 ounces)
Northeast Florida

<table>
<thead>
<tr>
<th>Year</th>
<th>State Rate</th>
<th>Black</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>8.7</td>
<td>10.15</td>
<td>7.32</td>
</tr>
<tr>
<td>2013</td>
<td>8.5</td>
<td>12.71</td>
<td>6.87</td>
</tr>
<tr>
<td>2012</td>
<td>8.6</td>
<td>13.02</td>
<td>7.29</td>
</tr>
</tbody>
</table>
Fetal Deaths in Northeast Florida

Source: www.floridacharts.com
## Unexpected Finding

### Infant Death by Zip Code 2014

<table>
<thead>
<tr>
<th>Zip Code</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>32210</td>
<td>16</td>
</tr>
<tr>
<td>32218</td>
<td>11</td>
</tr>
<tr>
<td>32211</td>
<td>9</td>
</tr>
<tr>
<td>32244</td>
<td>8</td>
</tr>
<tr>
<td>32257</td>
<td>7</td>
</tr>
<tr>
<td>32225</td>
<td>6</td>
</tr>
<tr>
<td>32208</td>
<td>6</td>
</tr>
</tbody>
</table>
What we know....
(32210,32211,32218)

<table>
<thead>
<tr>
<th>Cause of Death</th>
<th>Mother’s Race</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prematurity</td>
<td>Black – 66%</td>
</tr>
<tr>
<td>Other Perinatal Conditions</td>
<td>White – 25%</td>
</tr>
<tr>
<td>SUIDS</td>
<td>Other – 8%</td>
</tr>
<tr>
<td>Congenital</td>
<td></td>
</tr>
</tbody>
</table>
Most SUID are reported as **1 of 3** types of infant deaths

- **Sudden Infant Death Syndrome** cannot be explained after a thorough investigation is conducted, including a complete autopsy, examination of the death scene, and a review of the clinical history.

- **Unknown Cause** The sudden death of an infant that cannot be explained because a thorough investigation was not conducted and cause of death could not be determined.

- **Accidental Suffocation and Strangulation in Bed**
  - Suffocation by soft bedding
  - Overlay.
  - Wedging
  - Strangulation
Number of SUID Deaths
Northeast Florida

- 2011: 15
- 2012: 21
- 2013: 26
- 2014: 24
2012 to 2015 SUIDS
n=86

Bed Sharing, 43%
SUID, 24%
Unsafe Sleep Space, 16%
Undetermined, 16%
Maternal Findings
Northeast Florida SUID

- 26% Smoked
- 70% WIC
- 80% Medicaid
- 48% Black
- 48% White
- 22% No HS Diploma
FIMR

Fetal and Infant Mortality Review

“to determine specific medical, social, financial and other issues that may have impacted the poor birth outcome”

“It’s not about finding fault, it’s about figuring out where the system failed”
The FIMR Sequence

Death Occurs

Cases Selected

Data Abstracted

CRT Reviews and Recommends

CAT Proposes Community Action

Improved Health
Maternal Contributing Factors

- 79% Pre-existing conditions
- 36% History of previous infant or fetal loss
- 39% Obesity
- 29% Inadequate nutrition-anemia in first trimester

Maternal Medical and OB History
Strengths

- High Risk Consult
- Healthy Start
- Dad Involved 71%
- Quality Prenatal Care
- Family Support 93%
- Insurance 64%
THANK YOU

There is no foot too small that it cannot leave an imprint on this WORLD.