Domestic Violence and Infant Mortality

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Domestic Violence by a Current or Former Partner

- Physical Assault: 31%
- Psychological Aggression: 36%
- Stalking: 10%
- Sexual Violence: 18%
43.6 MILLION Women in the US Experience Domestic Violence
1.55 MILLION Women in Ohio experience Domestic Violence
Lifetime Costs of Domestic Violence in Ohio

- $94.7 Billion in Medical Costs
- $58.4 Billion in Productivity Losses
- $3.2 Billion in Criminal Justice Activities
- $3.2 Billion in Other Costs (Property Damage)

Government Sources pay 37% of Lifetime Costs
Significant Health Consequences Linked to Domestic Violence

- Domestic violence results in 2 million injuries each year.
- 25% of women injured by an intimate partner require medical care.
- Domestic violence results in more than 1,300 female deaths each year.
Significant Health Consequences Linked to Domestic Violence

- REPRODUCTIVE SYSTEM
- MUSCULOSKELETAL SYSTEM
- CARDIOVASCULAR SYSTEM
- MENTAL HEALTH OUTCOMES
- IMMUNE AND ENDOCRINE FUNCTION
- HEALTH RISK BEHAVIORS
- GENITOURINARY SYSTEM
- GASTROINTESTINAL SYSTEM
- OTHER HEALTH OUTCOMES
- BRAIN AND NERVOUS SYSTEM
- SOMATIC SYMPTOMS

ADVERSE PREGNANCY OUTCOMES

- Infant Mortality

- Significant Health Consequences Linked to Domestic Violence
DOMESTIC VIOLENCE is most prevalent among Women of Reproductive Age
Prevalence Rates of Domestic Violence Reported among Pregnant Women

- 11–28% of pregnant women reported experiencing **PHYSICAL ASSAULT** by an intimate partner during pregnancy.
  - An estimated 53,000 pregnant women in Ohio.

- 36% of pregnant women reported experiencing **PSYCHOLOGICAL or VERBAL ABUSE** by an intimate partner during pregnancy.
  - An estimated 68,000 pregnant women in Ohio.

- 20% of pregnant women reported experiencing **SEXUAL VIOLENCE** by an intimate partner during pregnancy.
  - An estimated 38,000 pregnant women in Ohio.
Domestic Violence Linked to Infant Mortality

- Domestic Violence
- Insufficient Prenatal Care
- Low Birth Weight & Preterm Birth
- Infant Mortality
Domestic Violence Linked to Infant Mortality

<table>
<thead>
<tr>
<th>Increased Risk</th>
<th>Domestic violence during pregnancy is significantly associated with an increased risk of perinatal death</th>
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<tbody>
<tr>
<td>8x Increased Risk</td>
<td>Women hospitalized during pregnancy after sustaining a domestic violence assault are at 8 times higher risk of fetal death</td>
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<tr>
<td>6x Increased Risk</td>
<td>Women hospitalized during pregnancy after sustaining a domestic violence assault are at 6 times higher risk of neonatal death</td>
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<tr>
<td>Increased Death Rate</td>
<td>Experiencing physical abuse during pregnancy is associated with an increased neonatal death rate of 1.5% versus 0.2%</td>
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Domestic Violence Linked to Low Birth Weight & Preterm Birth

Low birth weight and preterm birth are among the leading causes of infant mortality.

Increased Risk
- Domestic violence during pregnancy is significantly associated with an increased risk of delivering a neonate classified as low birth weight

3x Increased Risk
- Women who deliver an infant during an assault hospitalization are at over 3 times higher risk to deliver a low birth weight neonate as compared with unassaulted women

2x Increased Risk
- Women discharged after an assault, delivering at a subsequent hospitalization are at 1.8 times increased risk of abruption and 1.8 time increased risk of hemorrhage compared with unassaulted women

1.4x Increased Risk
- Women experiencing domestic violence during pregnancy are at a 1.4 times increased risk for preterm birth
Insufficient prenatal care is related to low birth weight and preterm birth, which are among the leading causes of infant mortality.

Women experiencing domestic violence during pregnancy

- 2x More Likely to miss prenatal care appointments compared to nonabused women
- 1.8x More Likely to delay entry into prenatal care than nonabused women
- 2x More Likely to not initiate prenatal care until the third trimester than nonabused women
- 2.6x More Likely to never receive prenatal care compared to nonabused women
Dose-Response Effect of Domestic Violence

Frequency and Severity of Domestic Violence

Severity of Health Consequences
If domestic violence were an infectious disease, we would have a domestic violence program in every neighborhood. There is a huge disconnect between the prevalence of domestic violence and the resources and programs available.
References

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U.S. Census Bureau; American Community Survey, Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates, Ohio population by adult female; using American FactFinder; http://factfinder2.census.gov

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