

# The Latest in Maternal Suicide Trends

Fireside Chat September 22, 2023

# Issue Brief



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### Maternal Mortality Rates

This March the CDC reported:

The U.S. maternal mortality rate is more than 10x the rate of other developed nations.

Our maternal mortality rate has continued to rise.

32.9 deaths per 100,000 live births in 2021, compared with a rate of 23.8 in 2020 and 20.1 in 2019.

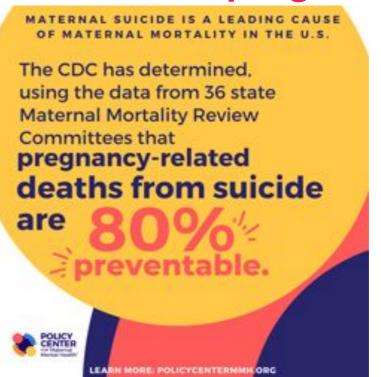




### When Do These Deaths Occur:

Among pregnancy-related deaths with information on timing, 53% occurred 7 days to 1 year after the end of pregnancy

84%
(or 4 in 5)
were determined to be preventable





### Definitions: Maternal Mortality

#### **Understanding Maternal Mortality Definitions**

### **Pregnancy-Associated Death**

The death of a woman while pregnant or within one year of the end of pregnancy, regardless of the cause.

OR

#### **Pregnancy-RELATED Death**

A death during pregnancy or within one year of pregnancy from a pregnancy complication, a chain of events initiated by pregnancy, or the aggravation of an unrelated condition by the physiologic effects of pregnancy.<sup>10</sup>

Unable to

Determine

### Pregnancy-Associated but NOT-RELATED Death

A death during pregnancy or within one year of the end of pregnancy from a cause that is not related to pregnancy.

"Pregnancy-Associated" Death: According to the CDC, death during or within one year of pregnancy, regardless of the cause. These deaths make up the universe of maternal mortality; within that universe are (1) pregnancy-related deaths and (2) pregnancy-associated, but not related deaths. 9

One way to differentiate between **Pregnancy-RELATED** and **Pregnancy Associated**, **but NOT RELATED** death is to ask the question:

"Would the woman have died if she wasn't pregnant?"

- If the answer is **no**, then it is a **pregnancy-related death**.
- If the answer is yes, then it is a pregnancy-associated, but not related, death."

# What are MMRCs?





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## **Findings**

MATERNAL SUICIDE IS A LEADING CAUSE OF MATERNAL MORTALITY IN THE U.S.

The 2022 CDC report on pregnancy-related maternal mortality revealed mental health conditions' as the leading underlying cause of pregnancy-related deaths

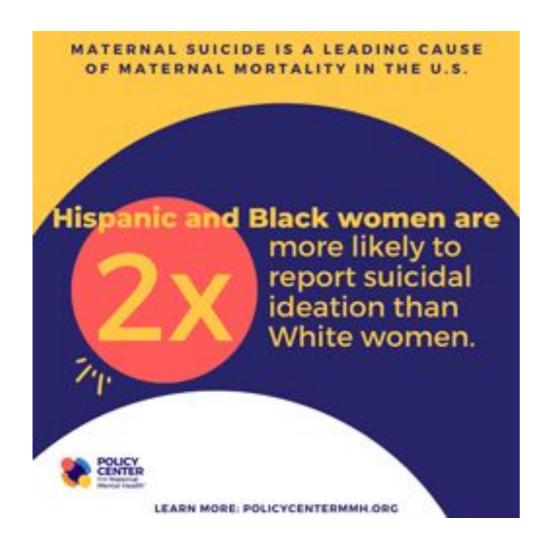


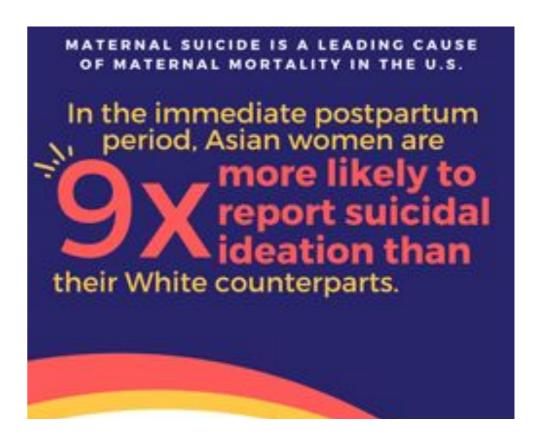
MATERNAL SUICIDE IS A LEADING CAUSE OF MATERNAL MORTALITY IN THE U.S. While maternal suicides can happen during pregnancy, most maternal suicides occur in the postpartum period and not just in the immediate postpartum period. of pregnancy-related suicides occur between 43-365 days postpartum during pregnancy within 42 days postpartum

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### Suicidal Ideation & Race





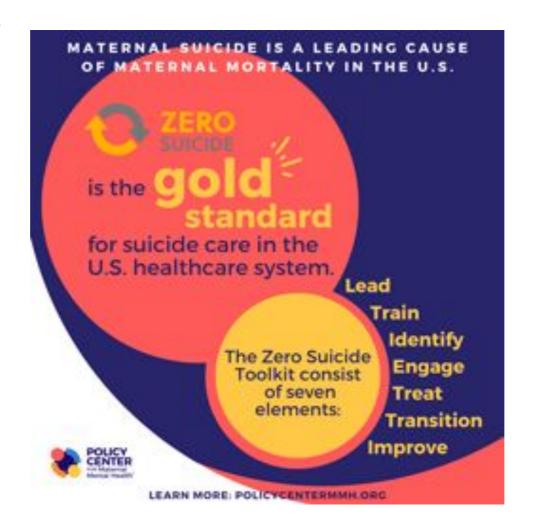


### Intervention

Perinatal
Quality
Collaboratives

**Screening** 

**Treatment** 





### Research: Risk Factors

For Ideation
For Suicide Attempts/Deaths

#### Key

- Negative life events
- Social factors

- Cognitive factors
- Personality and individual differences

#### Suicidal/self-harm ideation only

- Abuse at any time of life (childhood and/or adult)
- · Cognitive hyperarousal
- · Decision-making
- · Emotional liability
- · Loss of self
- Mental confusion
- Perseverative thinking
- Rumination
- · Shame/guilt/worthlessness
- Agreeableness
- Conscientiousness
- Cooperativeness

- Extraversion
- Harm avoidance
- Neuroticism
- Novelty seeking
- Openness to experience
- Persistence
- Psychoticism
- Resilience
- Reward dependence
- Self-directedness
- · Self-esteem/self-efficacy
- · Self-transcendence

#### Stress

- Mother infant bond/interactions
- Abuse during adulthood only/IPV

 Abuse during childhood only/adverse childhood experiences Suicide attempt

Social support

#### Loneliness

- Body image satisfaction
- Hopelessness

#### Suicidal/self-harm ideation and suicide attempt

Reid, H. E., Pratt, D., Edge, D., & Wittkowski, A. (2022). Maternal Suicide Ideation and Behaviour During Pregnancy and the First Postpartum Year: A Systematic Review of Psychological and Psychosocial Risk Factors. Frontiers in psychiatry, 13, 765118. https://doi.org/10.3389/fpsyt.2022.765118



**Learn more** 

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**Maternal Suicide Resources:** 

https://www.2020mom.org/maternal-suicide

