



# *Congressional Briefing on Maternal Suicide*

**September 10, 2024 12-1:30pm EST**



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Mental Health™



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# Moderator



**Benjamin Miller, PsyD**

Board Member  
Policy Center for Maternal Mental Health



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# It's National Suicide Prevention Day



**No Judgment. Just Help.**

# Maternal Mental Health 20s

- 20% of the perinatal population will suffer from a MMH disorder
  - ◆ A range of disorders, it's not just depression and not just the postpartum period (new onset happens as frequently in pregnancy)
- Less than 20% are screened for MMH disorders
- Less than 20% receive treatment
- Roughly 20% of maternal deaths are due to suicide



# *A moment of silence*



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**Representative Don Beyer (D-VA)**



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**MODERATOR:**  
**Benjamin Miller, PsyD**  
Board Member

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# *A Mother's Story:* *Jigyna Patel*





# Suicide Prevention: An Overview

By: Dr. Jill Harkavy-Friedman



# Words Matter

## Language Do's and Don'ts

### Avoid

"Committed suicide"

"Failed" or "successful"  
attempt

### Say

"Died by suicide"

"Ended his/her life"

"Killed himself/herself"

"Suicide attempt" or  
"death by suicide"



# Terminology

Maternal Mental Health

Reproductive Mental Health

Perinatal Mental Health

Perinatal Depressive Disorder

Postpartum Mental Health



# Words Matter

## If you Hear This...

1. Mental health conditions don't cause pregnancy-related deaths.
2. No way someone who has a new baby is depressed. It's a time a of joy.
3. I understand being anxious before birth, but once you hold that bundle of joy, it's love.
4. Even if a parent has postpartum depression, it's not that serious, and they can easily access treatment.
5. I don't know why there's so much attention being spent on the mental health of pregnant people of color. White people have perinatal mental health disorders, too.
6. I can't believe they're taking medication for mental illness while pregnant. They don't care for their baby.

## Consider Responding With ...

1. I wish you were right, but mental health conditions are the leading cause of pregnancy-related deaths.
2. Pregnancy and having a baby can be hard. In fact, 20% of individuals experience a mental health condition during this time.
3. Anxiety can happen any time during the perinatal and postpartum periods.
4. Over half of pregnant and postpartum individuals with depression don't receive treatment, and 20% of postpartum deaths are due to suicide.
5. You're right, white people can experience perinatal mental health disorders, but people of color are more likely to experience them and less likely to receive treatment and support.
6. Treatment benefits generally outweigh risks to the baby, and untreated behavioral health disorders can cause poor perinatal and neonatal outcomes.





# Interacting Risk and Protective Factors



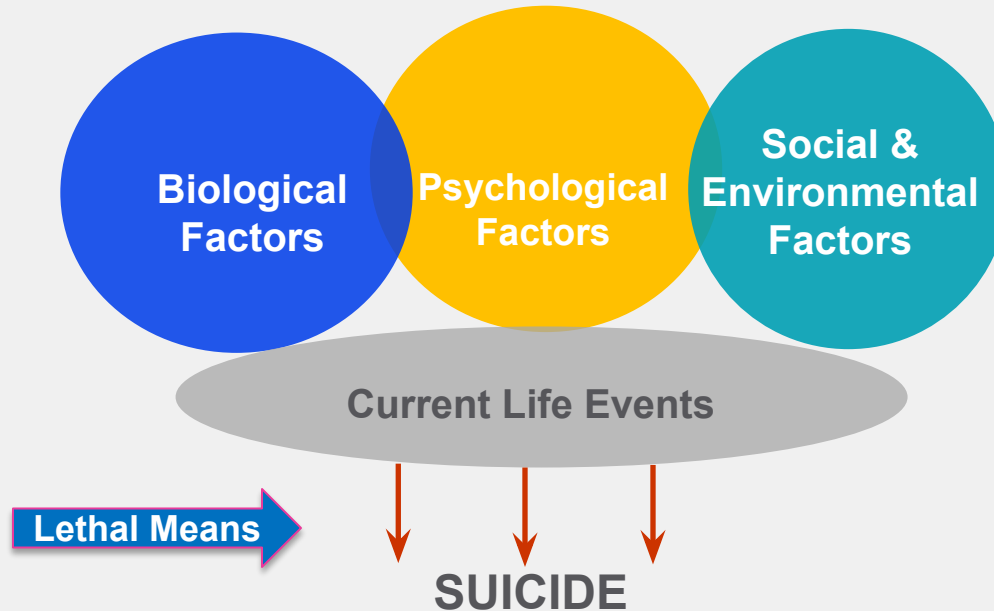
Harkavy-Friedman, JM, Moutier, CY (2019) presented at the annual meeting of the American Association of Suicidology, Washington, DC.  
2018 **National Academy of Sciences, Improving Care to Prevent Suicide among People with Serious Mental Illness – A Workshop**, Speaker, Washington, D.C., September 2018. Proceedings published December 28, 2018,

<http://www.nationalacademies.org/hmd/Reports/2018/improving-care-to-prevent-suicide-among-people-with-serious-mental-illness-proceedings.aspx>



# Interacting Risk & Protective Factors

model

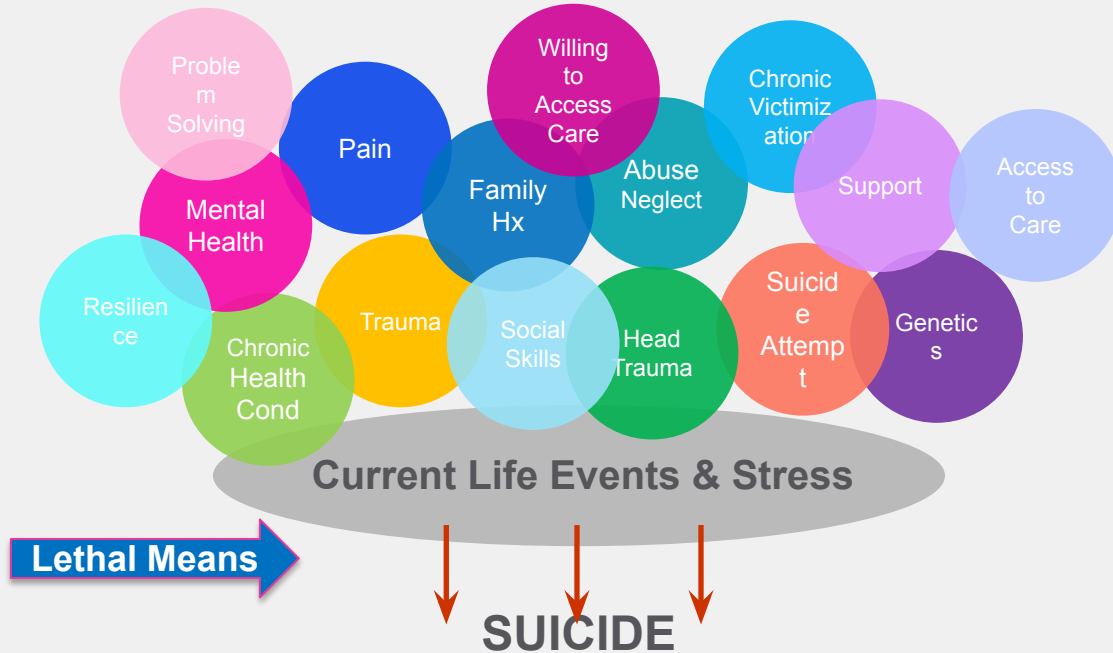


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# Interacting Risk & Protective Factors



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# Scope of the Problem



Over

**49,000**

people died by  
suicide in 2022



**1** death every

**11** minutes

Many adults think about  
suicide or attempt suicide

---

**13.2 million**

Seriously thought about suicide

---

**3.8 million**

Made a plan for suicide

---

**1.6 million**

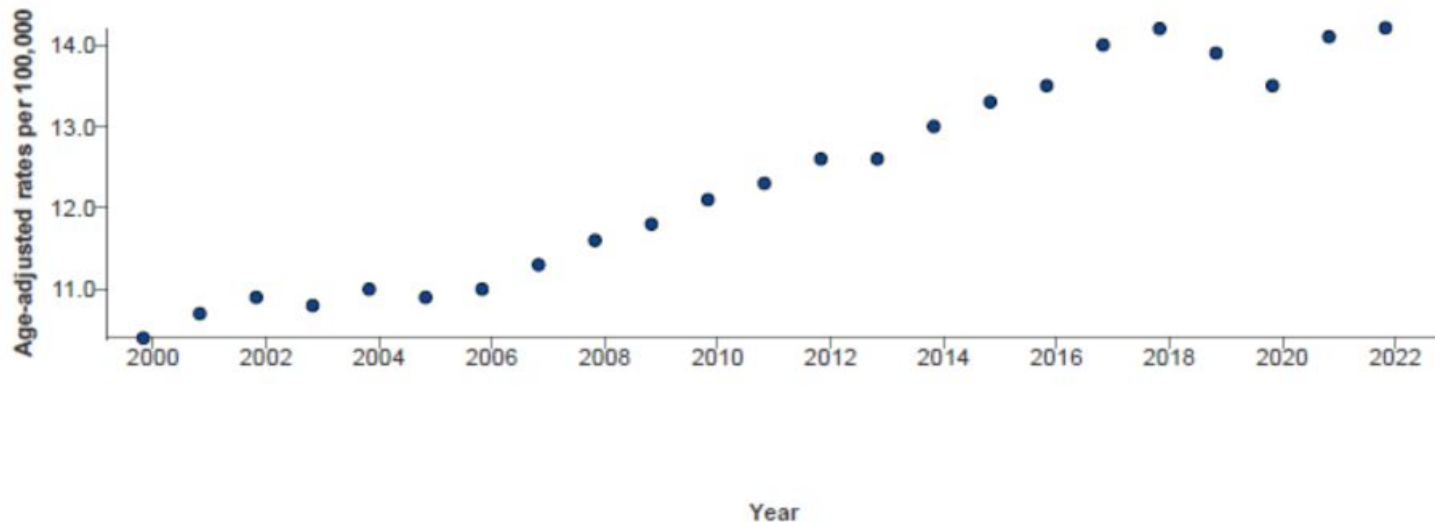
Attempted suicide





# Suicide rates 2000-2022

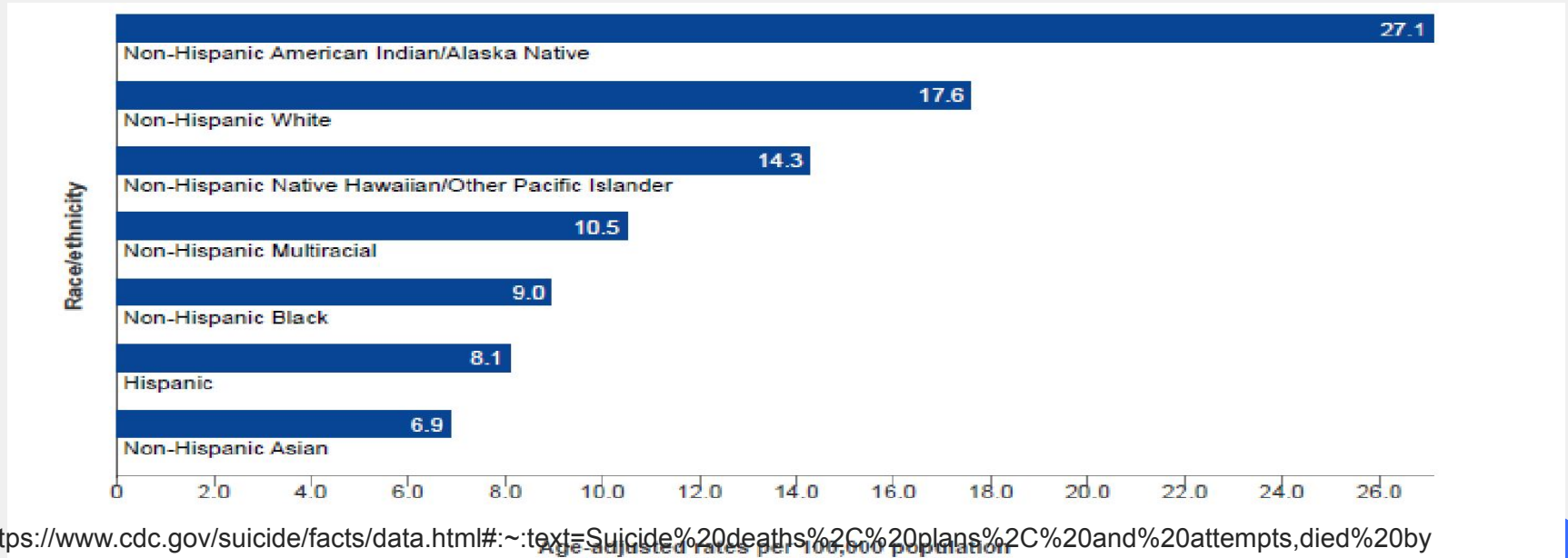
Suicide rates increased 37% between 2000-2018 and decreased 5% between 2018-2020. However, rates returned to their peak in 2022.



<https://www.cdc.gov/suicide/facts/data.html#:~:text=Suicide%20deaths%2C%20plans%2C%20and%20attempts,died%20by%20suicide%20in%202022.>



# Suicide Rate by Race and Ethnicity 2022



<https://www.cdc.gov/suicide/facts/data.html#:~:text=Suicide%20deaths%2C%20plans%2C%20and%20attempts,died%20by%20suicide%20in%202022.>

# Methods of Suicide in 2022

## Suicide methods

Firearms are the most common method used in suicides. Firearms were used in more than 50% of suicides in 2022.



<https://www.cdc.gov/suicide/facts/data.html#:~:text=Suicide%20deaths%2C%20plans%2C%20and%20attempts,died%20by%20suicide%20in%202022.>



# Risk Factors for Perinatal SIB

Individual: Younger age, being unmarried, Personal and/or family hx of SA or SI

Socioeconomic: Family conflict, exposure to (domestic) physical/psychological violence, loneliness and lack of social/family/partner support, partner who rejected paternity

Orsolini L, Valchera A, Vecchiotti R, Tomasetti C, Iasevoli F, Fornaro M, De Berardis D, Perna G, Pompili M, Bellantuono C. Suicide during Perinatal Period: Epidemiology, Risk Factors, and Clinical Correlates. *Front Psychiatry*. 2016 Aug 12;7:138. doi: 10.3389/fpsy.2016.00138. PMID: 27570512; PMCID: PMC4981602.



# Risk Factors for Perinatal SIB

**Environmental:** social and gender inequalities, social and racial discrimination, belongs to an ethnic or religious minority, crowded or inadequate housing, living in rural areas, exposure to disaster, conflict, war

**Gestational:** unwanted/unintended pregnancy, nulliparity

Orsolini L, Valchera A, Vecchiotti R, Tomasetti C, Iasevoli F, Fornaro M, De Berardis D, Perna G, Pompili M, Bellantuono C. Suicide during Perinatal Period: Epidemiology, Risk Factors, and Clinical Correlates. *Front Psychiatry*. 2016 Aug 12;7:138. doi: 10.3389/fpsy.2016.00138. PMID: 27570512; PMCID: PMC4981602.



# Risk Factors

**Clinical:** Previous psychiatric disorders, history of SI or SA,  
Psychiatric Comorbidity

Orsolini L, Valchera A, Vecchiotti R, Tomasetti C, Iasevoli F, Fornaro M, De Berardis D, Perna G, Pompili M, Bellantuono C. Suicide during Perinatal Period: Epidemiology, Risk Factors, and Clinical Correlates. *Front Psychiatry*. 2016 Aug 12;7:138. doi: 10.3389/fpsy.2016.00138. PMID: 27570512; PMCID: PMC4981602.





# Mental Health Conditions Experienced

Anxiety

Depression

Psychosis

Substance Use



# Screening to Facilitate Prevention

The American Academy of Pediatricians (AAP), The American College of Obstetrics and Gynecology (ACOG), The U.S. Preventive Services Task Force (USPSTF), The Centers for Medicare and Medicaid Services (CMS) and others have prioritized and endorsed **screening for perinatal mental health disorders, mainly perinatal depression, and anxiety.**

<https://www.2020mom.org/blog/2024/1/2/maternal-suicide-in-the-us-issue-brief>



# Stepped Care Model

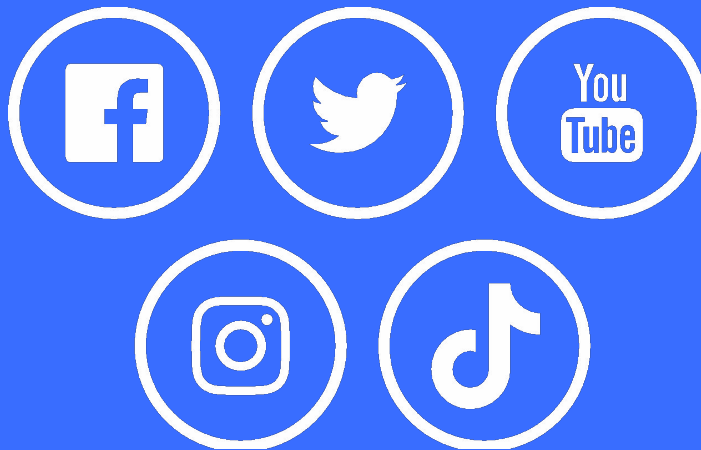
- Crisis Care and Support
- Brief Intervention
- Suicide-specific outpatient (CBT-SP, DBT, CAMS)
- Emergency Respite Care
- Partial hospitalization, with suicide-specific treatment
- Inpatient psychiatric hospitalization, with suicide-specific treatment



# Resources

- Postpartum Support International <https://www.postpartum.net/>
- Mother2Baby: <https://mothertobaby.org/>
- Hear Her Campaign | CDC  
<https://www.cdc.gov/hearher/index.html>
- National Maternal Mental Health Hotline  
<https://mchb.hrsa.gov/national-maternal-mental-health-hotline>
- National Alliance for Mental Illness <https://nami.org/Home>





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# U.S. Centers for Disease Control and Prevention



Eliminating Preventable Maternal Mortality:

Using Maternal Mortality Review Committee (MMRC) data to address pregnancy-related mental health deaths

Sarah Foster, MPH

Associate Director for Policy, Partnerships, and Communication  
Division of Reproductive Health

September 10, 2024

## Building the Infrastructure: MMRCs provide the most complete picture of pregnancy-related deaths

- Can determine:
  - Timing of death in relation to pregnancy
  - Leading underlying causes of death
  - Circumstances of deaths
  - Preventability of deaths
- Data that drives action to protect health and improve lives



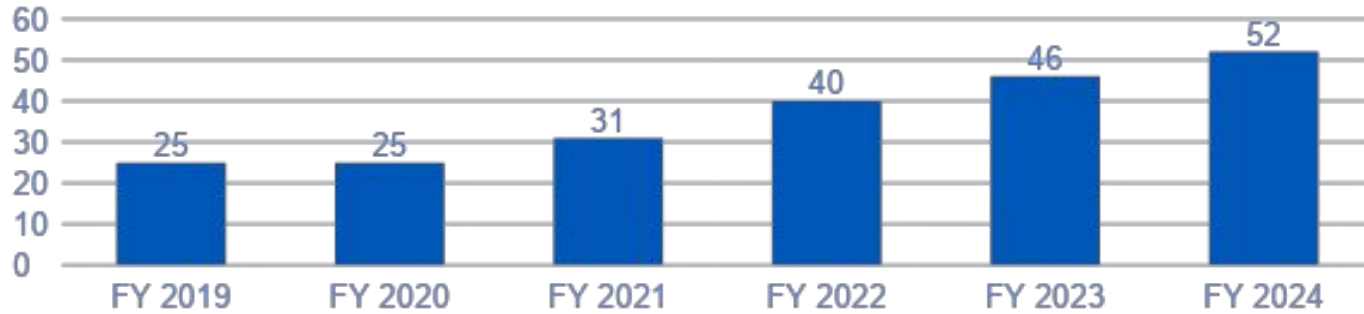


MMRC growth over time ....

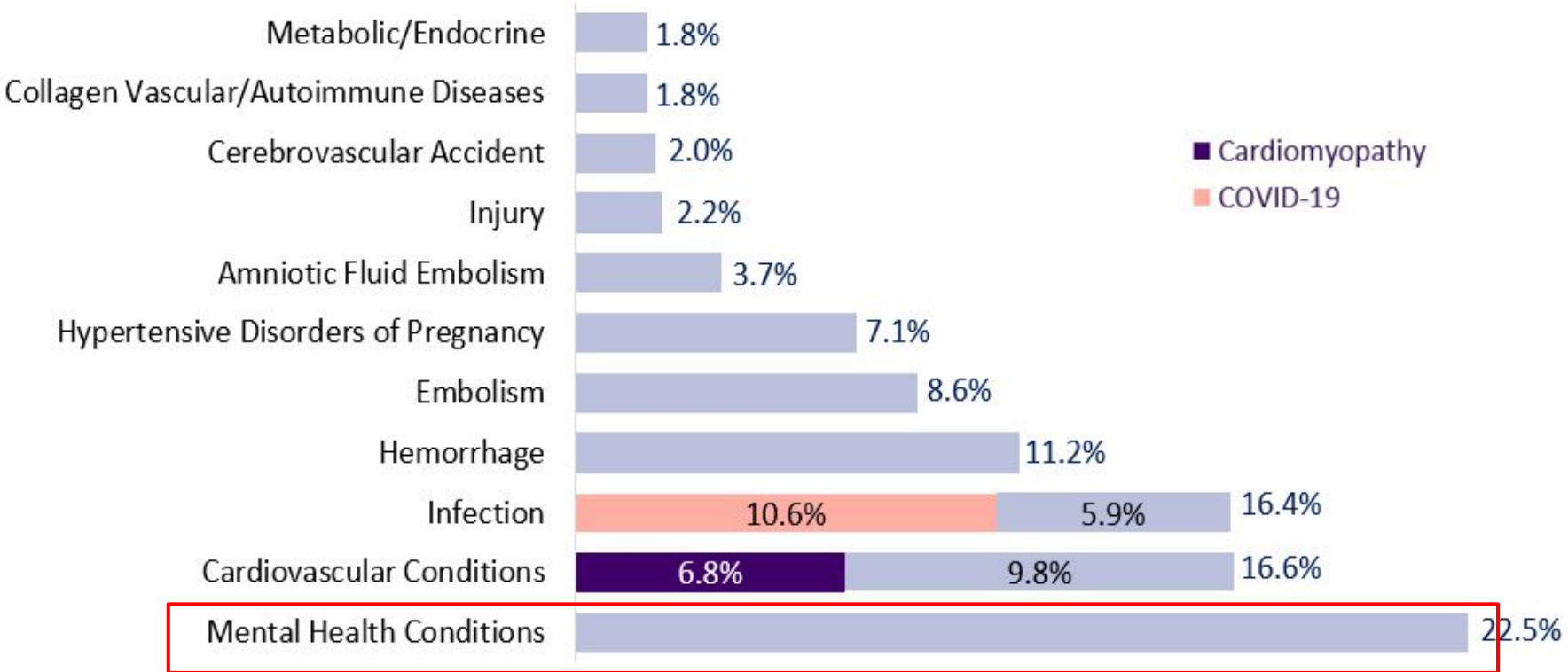
## States with an active MMRC



## Jurisdictions with a CDC-funded MMRC



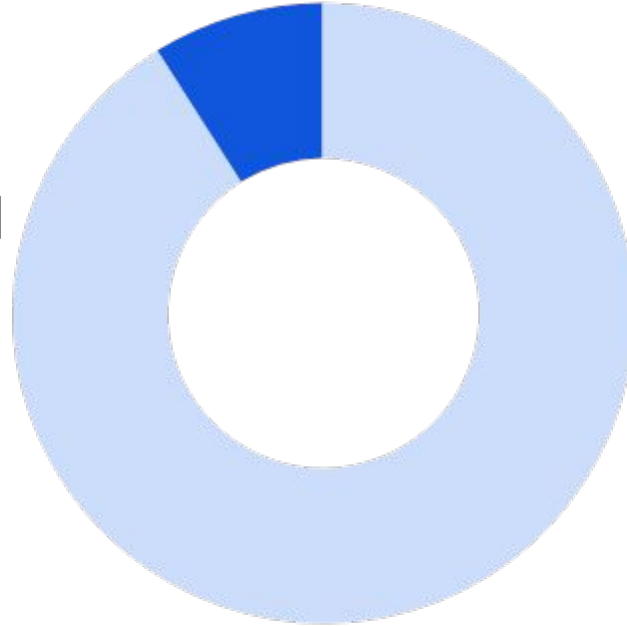
# MMRCs in 38 U.S. States, 2020: Most frequent underlying causes of pregnancy-related deaths



## MMRC-Determined Manner of Death

9%

of pregnancy-related deaths were determined to be a suicide (yes or probably)



## Circumstances Surrounding A Death

COMMITTEE DETERMINATIONS ON CIRCUMSTANCES SURROUNDING DEATH				
DID <b>OBESITY</b> CONTRIBUTE TO THE DEATH?	<input type="checkbox"/> YES	<input type="checkbox"/> PROBABLY	<input type="checkbox"/> NO	<input type="checkbox"/> UNKNOWN
DID <b>DISCRIMINATION</b> <sup>5</sup> CONTRIBUTE TO THE DEATH?	<input type="checkbox"/> YES	<input type="checkbox"/> PROBABLY	<input type="checkbox"/> NO	<input type="checkbox"/> UNKNOWN
DID <b>MENTAL HEALTH CONDITIONS</b> OTHER THAN SUBSTANCE USE DISORDER CONTRIBUTE TO THE DEATH?	<input type="checkbox"/> YES	<input type="checkbox"/> PROBABLY	<input type="checkbox"/> NO	<input type="checkbox"/> UNKNOWN
DID <b>SUBSTANCE USE DISORDER</b> CONTRIBUTE TO THE DEATH?	<input type="checkbox"/> YES	<input type="checkbox"/> PROBABLY	<input type="checkbox"/> NO	<input type="checkbox"/> UNKNOWN

These circumstances are defined as whether obesity/substance use disorder/mental health condition/discrimination contributed to the death, and not just whether the circumstance was present.

# MMRCs in 38 U.S. States, 2020: Committee determinations on circumstances surrounding death *mental health conditions other than substance use disorder*

- MMRCs determine whether a mental health condition other than substance use disorder contributed to the death, and not just whether the person had a mental health condition.
- Mental health conditions are present when the individual had a documented diagnosis of a psychiatric disorder (includes depressive, anxiety, psychotic, and bipolar disorders).
- The committee may determine that a mental health condition is a circumstance that contributed to the death when the condition directly compromised an individual's health or health care.

*For example, when a mental health condition, such as severe depression, impacted their ability to manage type II diabetes*

- Mental health conditions was a circumstance in **26%** of deaths.



# MMRCs in 38 U.S. States, 2020: Committee determinations on circumstances surrounding death, *substance use disorder*

- MMRCs determine whether substance use disorder contributed to the death, and not just whether the individual had a substance use disorder.
- The committee may determine that substance use disorder is a circumstance that contributed to the death when the disorder directly compromised an individual's health or health care.

*For example, acute methamphetamine intoxication made preeclampsia worse, or they were more vulnerable to infections or medical conditions.*

- Substance use disorder was a circumstance in about **25%** of deaths.



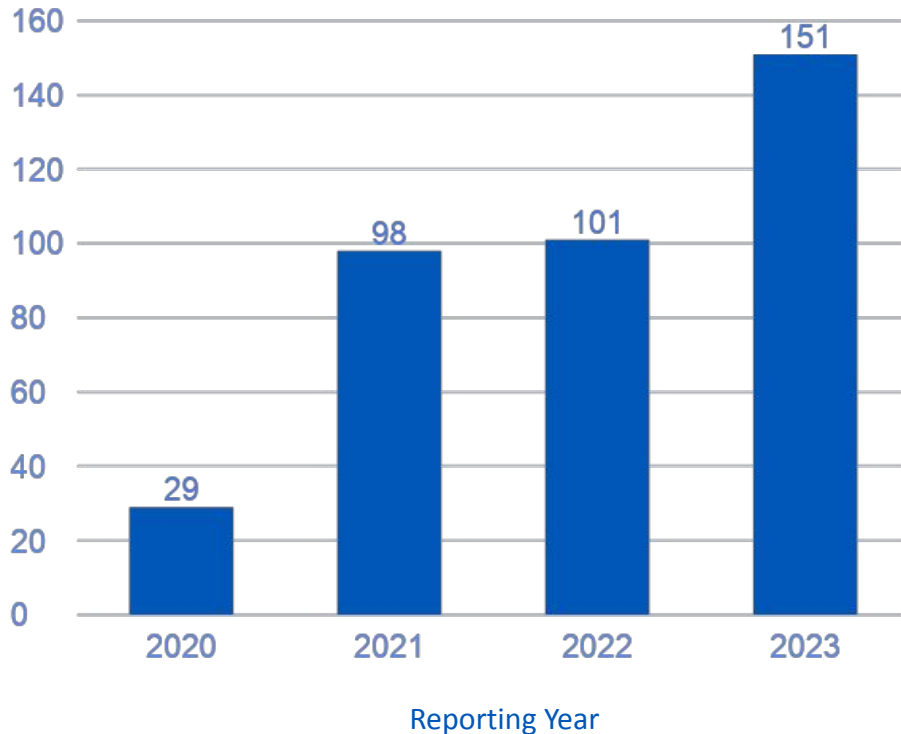
**Over 80%** of pregnancy-related deaths with an MMRC preventability determination were determined to be **preventable**

**About half** of pregnancy-related deaths occurred **1 week to 1 year** after the end of pregnancy



MMRC data are making a difference

## Data Driven Recommendations Implemented



- Utah launched a website where women and clinicians can search for providers specifically trained in maternal mental health screening and treatment.
- Louisiana realigned hospital licensing standards to ensure the levels of maternal care more closely aligned with the national guidelines.

- MMRC identified need to address 1) stigma in the community and health care system; 2) fragmentation of the health care system; and 3) clinician training.
- PQC led a 3-pronged intervention to address these challenges and improve perinatal care.
  - Partnered with hospitals to institute universal screening and timely referral for individuals at risk of SUD and perinatal mood and anxiety disorders.
  - Established a perinatal support network within communities.
  - Enhanced in-hospital access to pharmacotherapy for pregnant and postpartum individuals through training and technical support.

## Next Steps

- Continue to support MMRCs and PQCs to ensure robust data and quality improvement
- Strengthening related activities
  - CDC Hear Her Campaign
  - Risk Appropriate Care
  - Pregnancy Risk Assessment Monitoring System



Thank you

For more information, contact CDC Washington

202-245-0600

[cdc.gov](https://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the U. S. Centers for Disease Control and Prevention.



**Katherine L. Wisner, MD, MS**  
**Professor of Psychiatry and Pediatrics, Developing Brain Institute**  
**Professor of Obstetrics and Gynecology, George Washington University School of**  
**Medicine**

# **Identification and Treatment of Perinatal Mood Disorders**

# Objectives

- Describe perinatal mental disorders and their frequency
- Reproductive psychiatry
- Risk factors for perinatal mental illness
- Suicidality in the perinatal population
- Treatment options during pregnancy and lactation
- Suicide is preventable!
- Resources

# Perinatal mental illness contributes to maternal complications

American College of Obstetrics and Gynecology (ACOG): "Perinatal Mood and Anxiety Disorders are associated with increased risks of maternal and infant mortality and morbidity and are recognized as a **significant patient safety issue**."

*Obstetrics & Gynecology 2017;129:422–430*

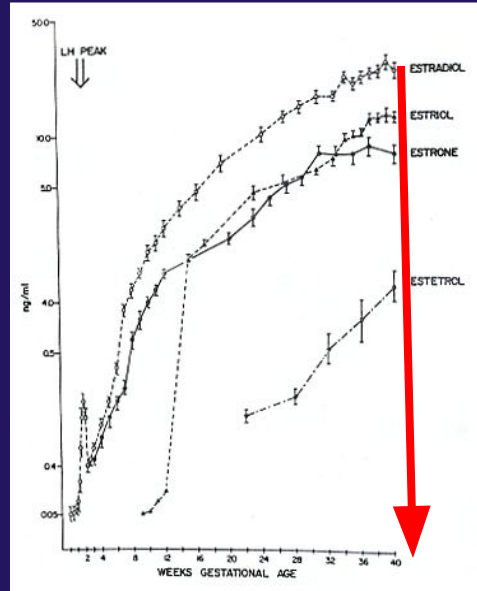
- **All Obstetric– Neonatal Complications**
  - Miscarriage
  - Hypertensive Disorders/ Preeclampsia
  - Preterm birth
  - Cesarean delivery
  - Low birth weight
  - NICU admission
- **Early Social – Emotional Impact**
  - Poor infant self-regulation
  - Insecure attachment
- **Long Term Impairments:**
  - Developmental and cognitive delays
  - Behavioral problems, psychopathology



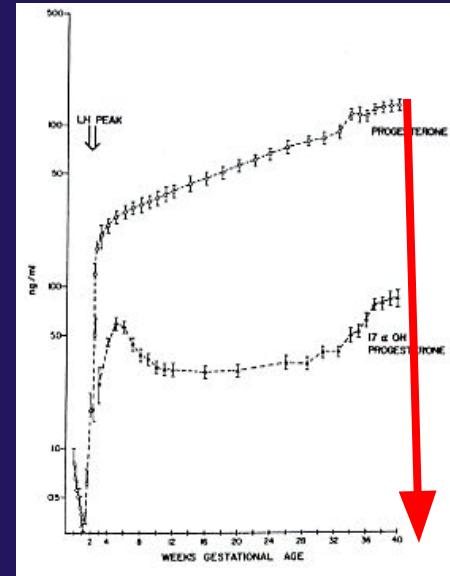
# Endocrine Vulnerability – Postpartum-Onset Mood Disorders:

Estrogen drops to follicular levels within 24 h of delivery

## ESTROGENS



## PROGESTINS

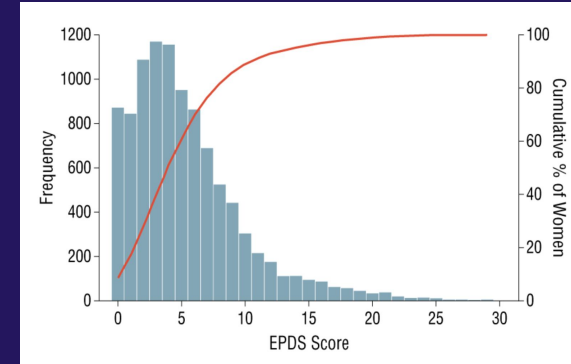


Disorganization of physiology due to labor and delivery pain/stress, circadian rhythm disruption, esp. sleep cycles, obstetrical complications



# How many mothers have perinatal depression?

- N=10,000 screened, 14% positive screen 4 -6 wks postpartum  
(Edinburgh Postnatal Depression Scale-EPDS)  
*Cox JL, et al. Br J Psychiatry 1987; 150:782-86*
- Psychiatric interviews for women with positive screens
- The onset of the episodes for the women (N=826) was:
  - prior to pregnancy, N=219 (26.5%)
  - during pregnancy, N=276 (33.4%)
  - postpartum (within 4 weeks of birth), N= 331 (40.1%)'
- SDOH- Screen-Positive Mothers were younger, women of color, less education, public insurance, single/divorced



*Wisner et al, JAMA Psychiatry. 2013;70(5):490-498.oi:10.1001/jamapsychiatry.2013.87*

# What are common Psychiatric Diagnoses in the post-birth period?

Primary Diagnoses, N = 826		
	N	%
<b>Depressive Disorders</b>	<b>566</b>	<b>68.5</b>
Major Depression- Recurrent	368	65.0
Major Depression - Single Episode	146	25.8
Depressive Disorder NOS	38	6.7
Adjustment Disorder With Depressed Mood	11	1.9
Mood Disorder NOS	2	0.4
Dysthymic Disorder	1	0.2
<b>Bipolar Disorders</b>	<b>187</b>	<b>22.6</b>
Bipolar 2 Disorder	58	31.0
BPD1-Recent Episode Depressed	54	28.9
Bipolar Disorder NOS	35	18.7
BPD1-Recent Episode Mixed	32	17.1
BPD1-Single Manic Episode	7	3.7
Schizoaffective Disorder	1	0.5
<b>Anxiety Disorders</b>	<b>46</b>	<b>5.6</b>
Generalized Anxiety Disorder	24	52.2
Obsessive-Compulsive Disorder	8	17.4
Anxiety Disorder NOS	8	17.4
Adjustment Disorder With Anxiety	3	6.5
Panic Disorder Without Agoraphobia	1	2.2
Post-traumatic Stress Disorder	1	2.2
Specific Phobia	1	2.2
<b>Substance Use Disorders</b>	<b>4</b>	<b>0.5</b>
Substance-Induced Mood Disorder	1	25.0
Alcohol Abuse/Dependence	1	25.0
Opioid Abuse/Dependence	1	25.0
Polysubstance Dependence	1	25.0
<b>Other Disorders</b>	<b>6</b>	<b>0.7</b>
<b>No Diagnosis</b>	<b>17</b>	<b>2.1</b>

Major Depressive Disorder with comorbid anxiety disorder (83%)  
Generalized Anxiety Disorder  
Panic Disorder. PTSD, OCD

Highest risk for onset or recurrence in women's lifetimes.

Bipolar disorder carries the highest rate of suicide of all psychiatric conditions--approximately 20-30 X the general population.

# Postpartum Psychosis

- 1-2 /1000 births (probable underestimate, this is acute onset)
- Onset is variable
  - Rapid onset post-birth; bizarre behavior with delusions/ hallucinations, cognitive disorganization
  - Initial symptoms with progressively worsening psychotic symptoms also occurs
- Bipolar disorder! Mania, mixed state or depression with psychosis
- With treatment, the prognosis is positive
- Very high risk for recurrence after later births; preventive treatment (lithium or previously effective drug) is recommended
- <https://www.youtube.com/watch?v=8qgV7Yug-xs> (TED talk –lived experience, Rachel Watters)



CRIME &amp; COURTS

# Massachusetts woman charged with killing kids was a devoted mother and nurse, friends and colleagues wrote

In more than a dozen letters obtained by NBC News, those who know Lindsay Clancy describe her as someone who “lived and breathed for her children.”

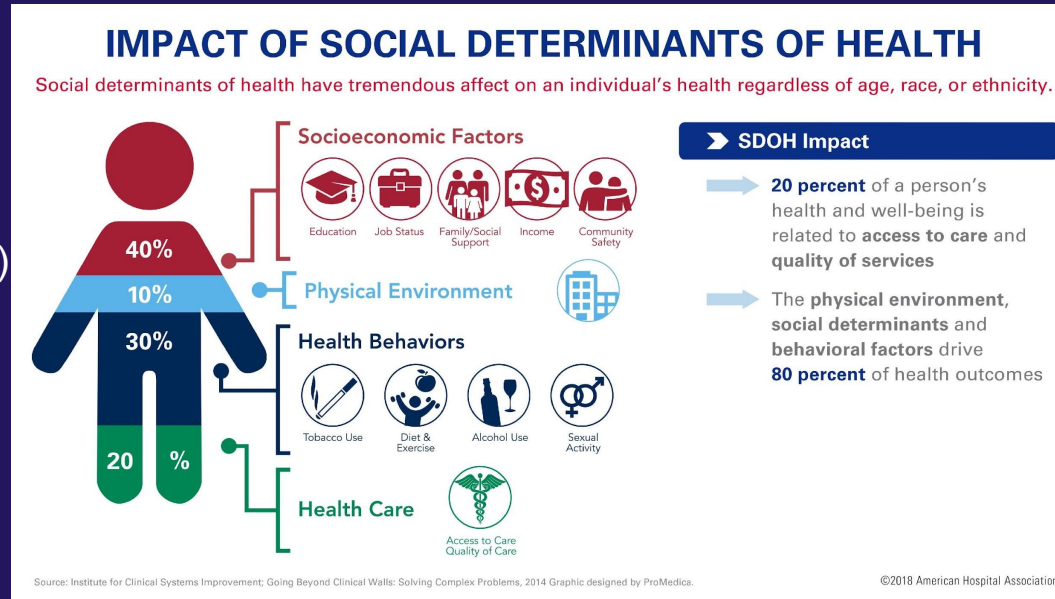
4. On Tuesday, January 24, 2023, at approximately 1811 hours, Duxbury police dispatch radioed all cruisers to respond to 47 Summer Street in the Town of Duxbury for an attempted suicide where the wife (who was positively identified as Lindsay Clancy (DOB: 08/11/1990)) had cut her wrists and neck and jumped out the window from the second floor. Duxbury Police responded to 47 Summer Street and located Ms. Clancy on the ground on the left side of the house. Located with Ms. Clancy was her husband and the 911 caller, Patrick Clancy (DOB:

5. Duxbury Officers then heard extremely loud yelling and entered the home responding to the basement. In the basement, Duxbury Police officers located Mr. Clancy and the families three children, a five-year-old, three-year-old and a eight month old infant. The three children

# SDOH Maternal Mental Conditions and Morbidity/Mortality

## Mechanisms Associated with Maternal Morbidity/Mortality

- SDOH and healthcare inequities are enormous stressors in the perinatal period
- Cumulative disadvantage for individuals (“weathering”)
  - Repeated lifetime trauma
  - Depression-Physical abuse 34%; Sexual abuse 25%; Bipolar 1.5-2.0 X higher
  - Limited access to quality care (obstetrical and mental health care “deserts,” racism, mistreatment in healthcare)
  - Low –wages, no paid parental leave
  - Limited social and community supports



# Sucidality in a Screened Obstetrical Sample

Wisner et al, *JAMA Psychiatry*. 2013;70(5):490-498.oi:10.1001/jamapsychiatry.2013.87



"Nothingness"

All hope is gone.

There's nothing left.

The nothingness consumes me.

Eating away at me,

Until I am broken and shattered.

Dead.

A murdered soul.

Killed by the nothingness.

I still walk and exist.

But I don't live anymore.

A dead soul walking on Earth.

Killed by the nothingness



# Treatments are Available!

## But Access must be Expanded

- Psychotherapy- skills to manage stressors and relationships
- For suicidal patients, collaborative approaches avoid approaching suicidality with fear/anxiety, to navigating options to address factors leading to suicidality in partnership.
- Pharmacologic
  - Unipolar Depressive and Anxiety Disorders (antidepressants)
  - Bipolar Disorder
    - Lithium
    - Clozapine
    - Folic acid
  - PTSD /traumatic experiences
- Novel Interventions
  - Light therapy
  - Ketamine/esketamine
  - Zuranolone
  - Transcranial magnetic stimulation
- Integrated care, put the person back together
  - Serious health conditions including pain, intervention team
  - Collaborative care models, smartphone apps

National Curriculum on  
Reproductive Psychiatry (NCRP)  
<https://ncrptraining.org/>



# Navigating Perinatal Suicidality: A Collaborative and Client-centered Approach

Brieanne Kohrt, PhD, PMH-C  
Children's National Hospital



[https://childrensnational.zoom.us/rec/share/dAufDVeyVcsnBxFZwvMNXOuyyp4pYNG48rG33a-w6OQH7LJigMBmPjUtNoGwp7\\_ul.WYSWe-qoFmokmg\\_y?startTime=170490605800](https://childrensnational.zoom.us/rec/share/dAufDVeyVcsnBxFZwvMNXOuyyp4pYNG48rG33a-w6OQH7LJigMBmPjUtNoGwp7_ul.WYSWe-qoFmokmg_y?startTime=170490605800)

# National Strategy *for* Suicide Prevention

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Sarah Brummett, MA JD  
Director of the Executive Committee  
National Action Alliance for Suicide Prevention

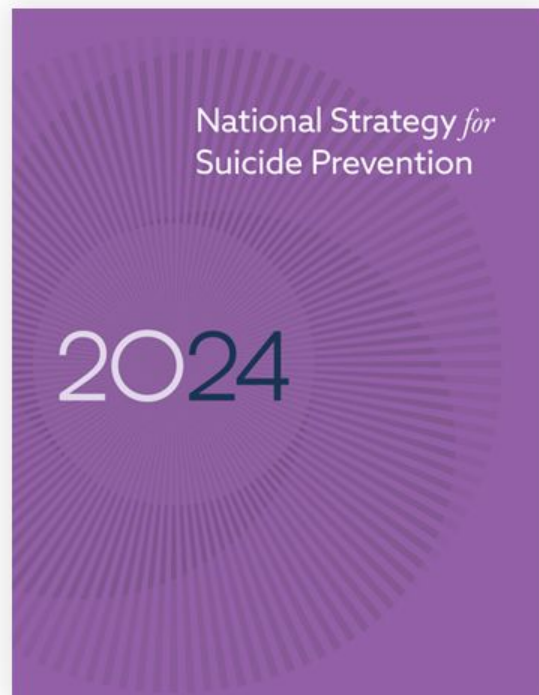
2024

# 2024 National Strategy *for* Suicide Prevention

The 2024 *National Strategy for Suicide Prevention* is a bold new 10-year, comprehensive, whole-of-society approach to suicide prevention that provides concrete recommendations for addressing gaps in the suicide prevention field.

## **The new *National Strategy*:**

- Incorporates advancements in the field and addresses emerging issues
- Is designed to guide, motivate, and promote a more coordinated and comprehensive approach to suicide prevention
- Focuses on addressing the many risk and protective factors associated with suicide, with the recognition that there is no single solution to this complex challenge



# National Strategy *for* Suicide Prevention Contributors

The 2024 *National Strategy for Suicide Prevention* was developed by a federal Interagency Work Group (IWG) comprised of:

**20+**  
Agencies

**10**  
Federal Departments

## WITH SUPPORT FROM:

Suicide  
Prevention  
Resource  
Center (SPRC)

National Action  
Alliance for Suicide  
Prevention (Action  
Alliance)

## AND A PROJECT MANAGEMENT TEAM CO-LED BY:

Substance Abuse  
and Mental  
Health Services  
Administration  
(SAMHSA)

Centers for  
Disease Control  
and Prevention  
(CDC)

National  
Institute of  
Mental Health  
(NIMH)

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Health and Human  
Services' Office of the  
Assistant Secretary for  
Planning and  
Evaluation  
(ASPE/HHS)

# National Strategy *for* Suicide Prevention Contributors

Also reflected in this 10-year *National Strategy* is the input of:

**2,000+**

People from across the United States who participated in a national needs assessment and a series of listening sessions



Including people with suicide-centered lived experience, tribal members, youth, suicide prevention experts, and partners in the private sector.

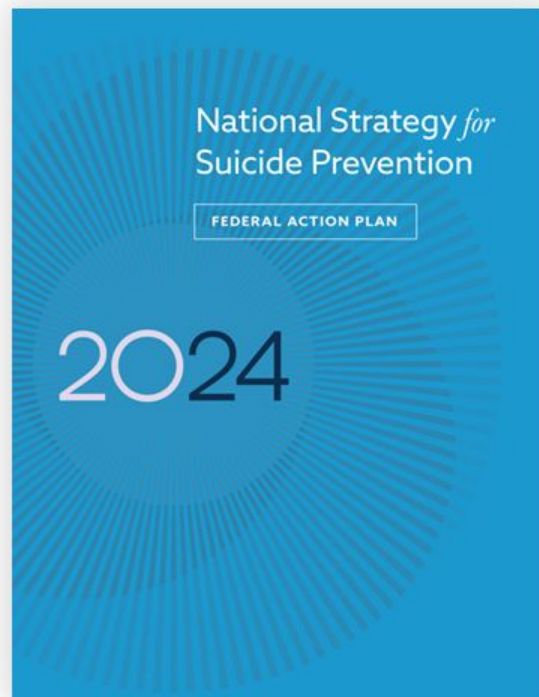


# National Strategy *for* Suicide Prevention Strategic Directions



# 2024 National Strategy *for* Suicide Prevention *Federal Action Plan*

The *National Strategy* is accompanied by the first-ever *Federal Action Plan (Action Plan)*, which **identifies more than 200 actions** across the Federal government to be taken over the next three years in support of those goals.





# Learn More

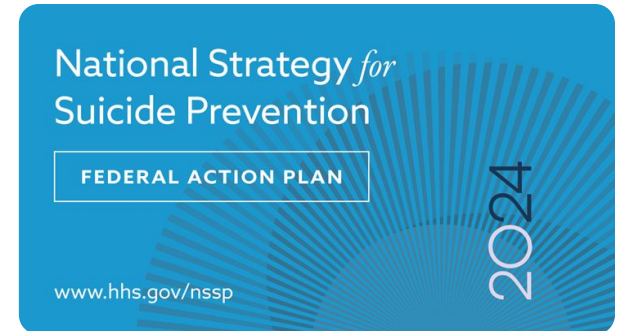
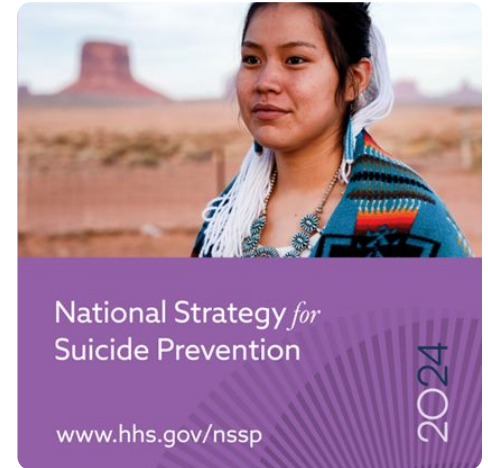
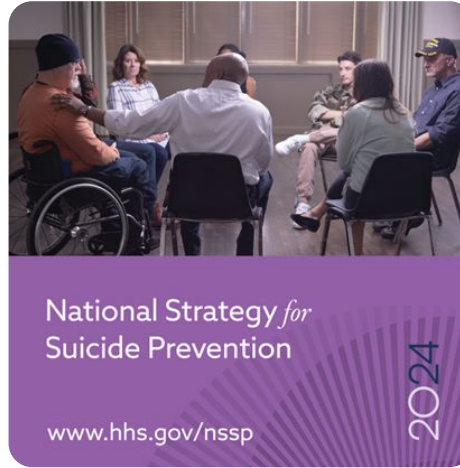
HHS website: [hhs.gov/nssp](https://www.hhs.gov/nssp)

Action Alliance website:  
[suicidepreventionstrategy.org](https://www.suicidepreventionstrategy.org)

## Download Toolkit

- Social media materials
- Templates

## Download Fact Sheet





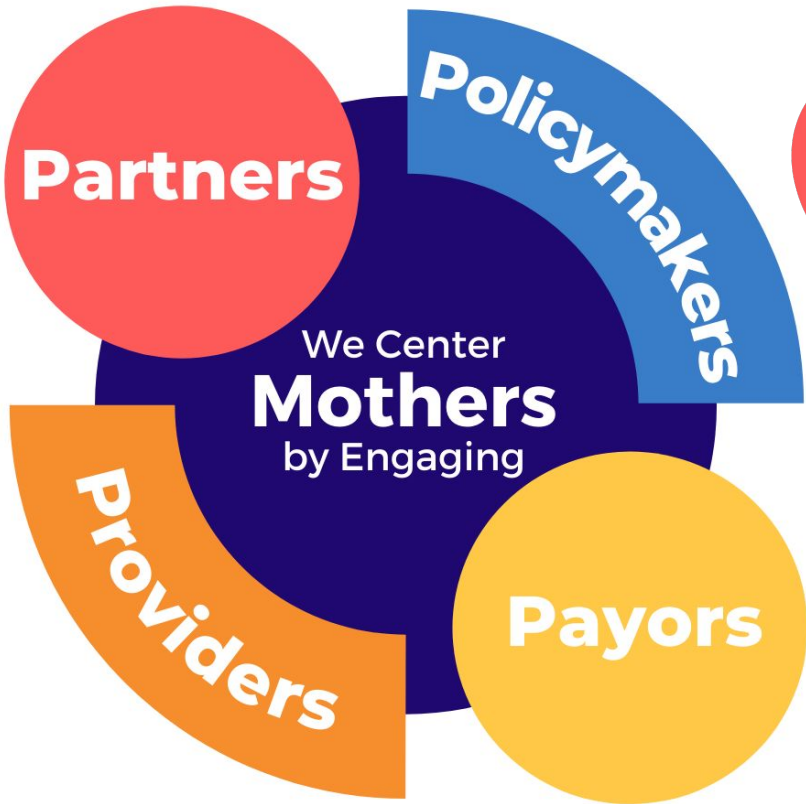
# Maternal Suicide: Opportunities for Policy and Systems Change



**POLICY CENTER**  
FOR Maternal Mental Health

*Closing Gaps in Maternal Mental Health Care*

**Cindy Herrick, MA, PMH-C, CPSS**  
**Senior Research and Editorial Manager**



**Identify Gaps**  
in Maternal  
Mental Health Care

**Provide a Roadmap**  
of Equitable  
Solutions

**Catalyze**  
Policymakers,  
Payors, Providers,  
and Partners to  
Implement  
Change

# Our 3 As

Our 2022-2025  
Focus Areas

**Appropriate  
Screening**  
(and treatment)

A health care delivery system that screens every mother throughout the perinatal period using evidence-based, comprehensive, easy-to-use, and culturally appropriate screening tools.

**Ample  
Insurance  
Coverage**

Including all evidence-based MMH treatments, at an affordable cost to patients without unreasonable limits.

**Access to  
Providers &  
Programs**

Availability & expansion of health care professionals & facilities in the health delivery system.

# Maternal Suicide Issue Brief Update



**POLICY CENTER**  
FOR Maternal Mental Health

**ISSUE BRIEF**

**Maternal Suicide in the U.S.**  
**Opportunities for Improved Data Collection and Health Care System Change**

**Introduction**

Maternal suicide is a leading cause of maternal mortality in the US.<sup>1</sup> While maternal mortality has rightfully garnered increasing attention in recent years, maternal suicide has been historically overlooked as a cause of maternal mortality because national maternal mortality rates previously excluded suicides as pregnancy-related deaths, instead classifying maternal suicides deaths as accidental or accidental deaths.<sup>2</sup> According to the provisional data from the Centers for Disease Control & Prevention (CDC) there was a record high number of deaths in 2022 from suicide in the general US population. It is important to continue to address suicide prevention efforts for the general and maternal population.<sup>3</sup>

As national and state efforts to address maternal mortality through improved public health data collection have increased, maternal suicide has emerged as one of the top three causes of pregnancy-associated deaths, highlighting the need to address maternal suicide as a contributing factor of maternal mortality in the US.<sup>4</sup> It is estimated that up to 20% of maternal deaths are due to suicide,<sup>5</sup> making maternal suicide deaths more common than deaths caused by postpartum hemorrhage or hypertensive disorders.<sup>6</sup>

While challenges to standardize and improve public health data collection from state to state still exist, state Maternal Mortality Review Committees (MMRRCs) are increasing consistency regarding how they review and document maternal deaths.

The Centers for Disease Control (CDC) has determined, using the data from 36 state MMRRCs, that mental health conditions are a leading underlying cause of pregnancy-related death.<sup>7</sup>

Maternal Mental Health Conditions are defined by the CDC as "suicide, overdose/poisoning related to substance use disorder, and other deaths determined by the MMRRC to be related to a mental health condition, including substance use disorder." Maternal Mental Health Conditions account for almost 25% of pregnancy-related deaths and 40% of pregnancy-related deaths are determined to be preventable.<sup>8</sup>

As maternal suicides have a lasting and far-reaching societal impact, it is important to prioritize maternal suicide prevention efforts. The negative impact of maternal mental distress and illness on child development is well-documented, as well as the impact of maternal suicidality on child well-being. Thus, it is important to further examine how to prevent maternal suicides through clinical, systems, and policy shifts.

Maternal Suicide in the U.S. Opportunities for Improved Data Collection and Health Care System Change 3

- MMH Task Force recognizes maternal mortality as a priority
- MMRC Funding Updates
- Alaskan Native and American Indian Suicide Prevention Strategies
- New Research
- MMH Treatment facilities update

# Provider/System Barriers

- **Insufficient Training/Board Certification**
  - ◆ Ob/Gyns and Psychiatrists in-training are not consistently educated, or board tested about the management of psychiatric illness in the perinatal period or suicide risk assessment and prevention
  
- **Lack of Adequate Insurance Reimbursement**
  - ◆ Screening/tx reimbursement in Ob/Gyn and Midwifery
  - ◆ Mental health providers believe they are not adequately reimbursed for administrative hassles of being in-network
  
- **Accessibility of Care**



# Patient Barriers

## → Stigma/Fear

- ◆ Intersection of multiple societal stigmas: being a bad mother, mental illness, talking about suicidal thoughts
- ◆ Fear of being sent to the ER / held inpatient
- ◆ Fear of involvement of child protective services / baby taken away

## → Accessibility of Care

- ◆ Shortage of Mental Health Providers and MMH Providers including MMH Therapists and Reproductive Psychiatrists
- ◆ Inconsistent Coverage of Ground-breaking PPD-specific drug
- ◆ Only 3 perinatal inpatient facilities in the US
- ◆ Only 31 outpatient MMH intensive outpatient and partial hospitalization programs





# Professional Associations Screening Guidelines



**1-2x** [ • during the perinatal period  
• at the comprehensive postpartum visit



**2x** [ • during pregnancy  
**4x** [ • postpartum  
• at 1, 2, 4 month well-child visit



**8x** [ • 1st prenatal visit  
• 2nd trimester  
• 3rd trimester  
• 6 week postpartum  
• 6 &/or 12 month OB & primary care  
• 3, 9, 12-mo pediatric well-child visits

# Federal Bodies

## → United States Preventive Services Task Force

- ◆ Recommends screening for maternal depression and anxiety screening
- ◆ Does not recommend universal suicide screening





# Clinical Recommendations

- Alliance for Innovation on Maternal Health
- ◆ Obtain individual and family mental health history at intake
  - ◆ Screen for depression/anxiety at initial prenatal visit, later in pregnancy, and at postpartum visits
  - ◆ Screen for bipolar disorder before initiating pharmacotherapy
  - ◆ When concern exists for suicidality due to response in depression screening tool or interaction with patient, conduct a clinical interview & screen
    - Columbia Suicide Severity Rating Scale (C-SSRS)
    - Patient Safety Screener (PSS)

# Policy Recommendations

- Centers for Medicaid and Medicare Services (CMS) should
  - ◆ Require states report the HEDIS Perinatal Depression Screening Measures
  - ◆ Require measure to assess for suicide screening/assessment and safety plan development in primary care and obstetric settings

# Policy Recommendations

## → Congress

- ◆ Expand funding for state Maternal Mortality Review Committees (MMRCs) and Perinatal Quality Committees (PQCs) to implement AIM Guidelines/the Zero Suicide Framework
- ◆ Create a Federal Maternal Psychiatry Consultation Program to permanently fund existing state programs and expand to other states (HRSA)
- ◆ Revise Child Welfare Law (CAPTA) to Remove Mandatory Reporting to Child Protective Services Referrals in favor of Safety Plans
- ◆ Ensure all women have access to maternity care and mental health treatments via infrastructure, like they have access to libraries, police and more

# Resources

[www.PolicyCenterMMH.org](http://www.PolicyCenterMMH.org)

→ [Maternal Suicide Resource Center](#)

→ [Reports](#)

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

**ZERO** suicide is the **gold standard** for suicide care in the U.S. healthcare system.

The Zero Suicide Toolkit consist of seven elements:

- Lead
- Identify
- Engage
- Treat
- Transition
- Improve

LEARN MORE: [POLICYCENTERMMH.ORG](http://POLICYCENTERMMH.ORG)

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

The CDC has determined, using the data from 36 state Maternal Mortality Review Committees that **pregnancy-related deaths from suicide are 80% preventable.**

LEARN MORE: [POLICYCENTERMMH.ORG](http://POLICYCENTERMMH.ORG)

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

Women who self-report as "other race" are almost **3x** more likely than White women to report suicidal ideation in the **postpartum period.**

LEARN MORE: [POLICYCENTERMMH.ORG](http://POLICYCENTERMMH.ORG)

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

In the immediate postpartum period, Asian women are **9x** more likely to report suicidal ideation than their White counterparts.

LEARN MORE: [POLICYCENTERMMH.ORG](http://POLICYCENTERMMH.ORG)

## Facts About Maternal Suicide

### U.S. Maternal Suicide Facts Sheet

Suicide is a preventable public health problem and a leading cause of death in the United States. More investment in suicide prevention, education and research will help prevent the untimely deaths of thousands of Americans each year.

[View Citations](#)

### U.S. Maternal Suicide Facts

Suicide is a preventable public health problem and a leading cause of death in the United States. More investment in suicide prevention, education, and research will help prevent the untimely deaths of thousands of Americans each year.

- Research suggests **suicide** is a **leading cause of maternal death** in the **1st year** following childbirth.
- Maternal suicide deaths are **more common** than **postpartum hemorrhage or hypertensive disorders.**
- Suicide accounts for up to **20%** of **maternal deaths** that occur in the **postpartum period.**
- Maternal suicide is **most frequently completed** between **6 to 12** months postpartum.
- The severity and rapidly evolving nature of **postpartum psychosis** increases the **risk of maternal suicide.**
- Depression** during pregnancy greatly **increases thoughts** about **suicide while pregnant.**

**POLICY CENTER** FOR Maternal Mental Health | [PolicyCenterMMH.org](http://PolicyCenterMMH.org) | R005-9-23

[Click to download or print.](#)

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# Resources Shared in Chat

## Shared by the Policy Center for Maternal Mental Health

[Maternal Suicide Memorial Wall](#)

[American Indian Alaskan Native Maternal Mental Health Issue Brief](#)

[Maternal Suicide Resource Page, Including Issue Brief](#)

[Evidence-Based Screening Tools for MMH Disorders and Suicide Risk](#)

[Menu of Prevention and Treatment Options](#)

[Alliance for Innovation in Maternal Health “Perinatal Mental Health “Bundle”](#)

[State MMH Report Cards](#)

[Peer Support in Maternal Mental Health Resource Page, Including Issue Brief](#)

[Community Based Resources In Suicide Prevention](#)

[Adult Major Depressive Disorder \(MDD\): Suicide Risk Assessment Measure](#)

**(Advocating CMS make mandatory)**

[CAPTA Child Welfare Law \(Referenced as Needing to be Updated to Clarify Mandatory Reporting\)](#)

## Shared by the CDC

[Maternal Mortality Reports/Data](#)

[Latest Pregnancy-Related Maternal Death Report](#)

[Perinatal Quality Collaboratives](#)

[Pregnancy Risk Assessment Monitoring System \(PRAMS\) Data](#)

# Q & A



**MODERATOR:**  
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