Maryland's Opioid Epidemic: Statewide Approach

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Disclosure

I do not have any relevant financial
relationships to disclose.

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Objectives

By the end of this presentation participants will be able to:

- Recall the impact of opioid misuse in Maryland.

- Identify Maryland's response to the opioid epidemic implemented through strategic programs, initiatives, or activities at the state and local levels.

- Identify Maryland's prevention efforts toward the reduction of pregnancy-associated overdose at the state and local levels.
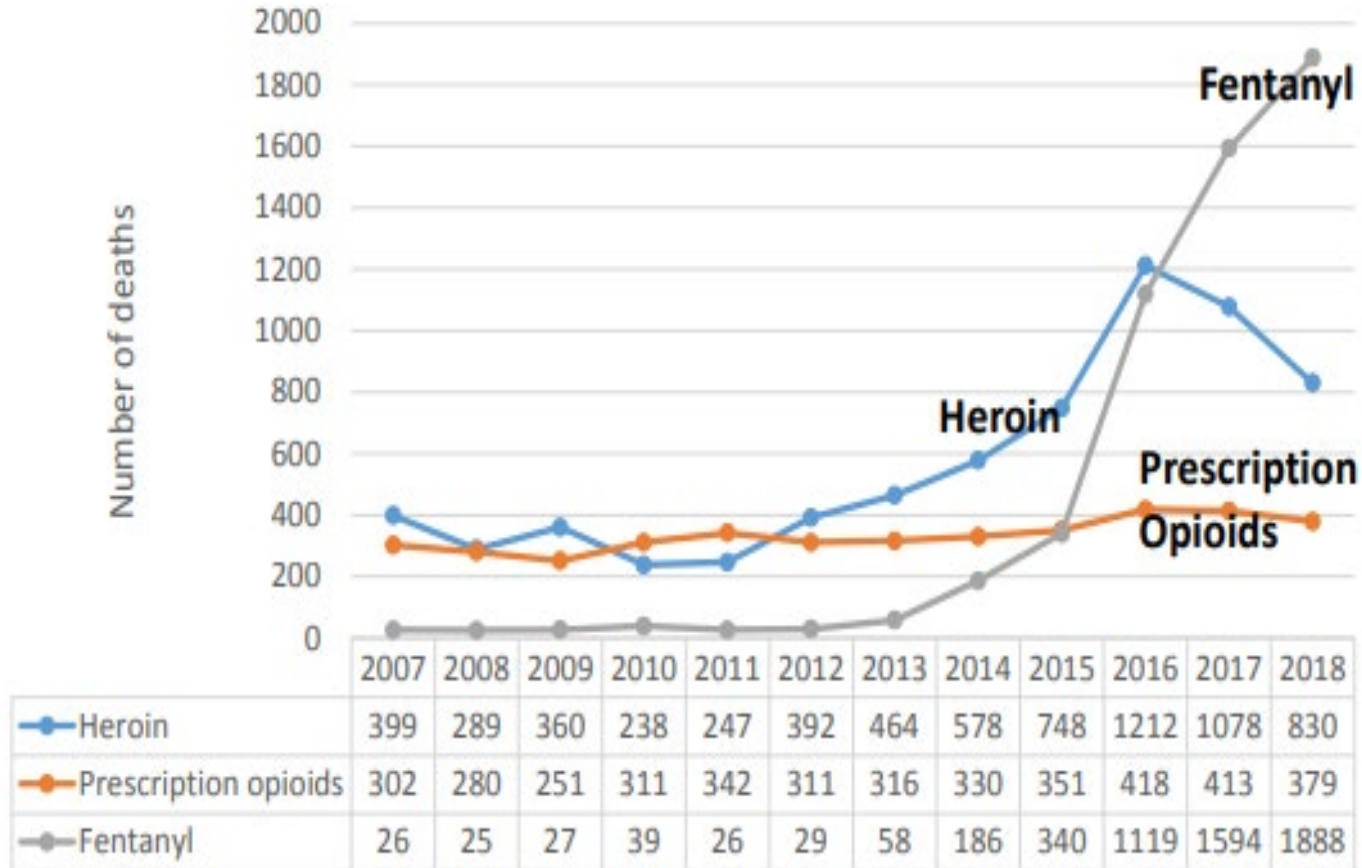
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Impact of Opioid Crisis

2018 Data Trends

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Number of Opioid-Related Deaths Occurring in Maryland by Substance, 2007-2018

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Heroin	399	289	360	238	247	392	464	578	748	1212	1078	830
Prescription opioids	302	280	251	311	342	311	316	330	351	418	413	379
Fentanyl	26	25	27	39	26	29	58	186	340	1119	1594	1888

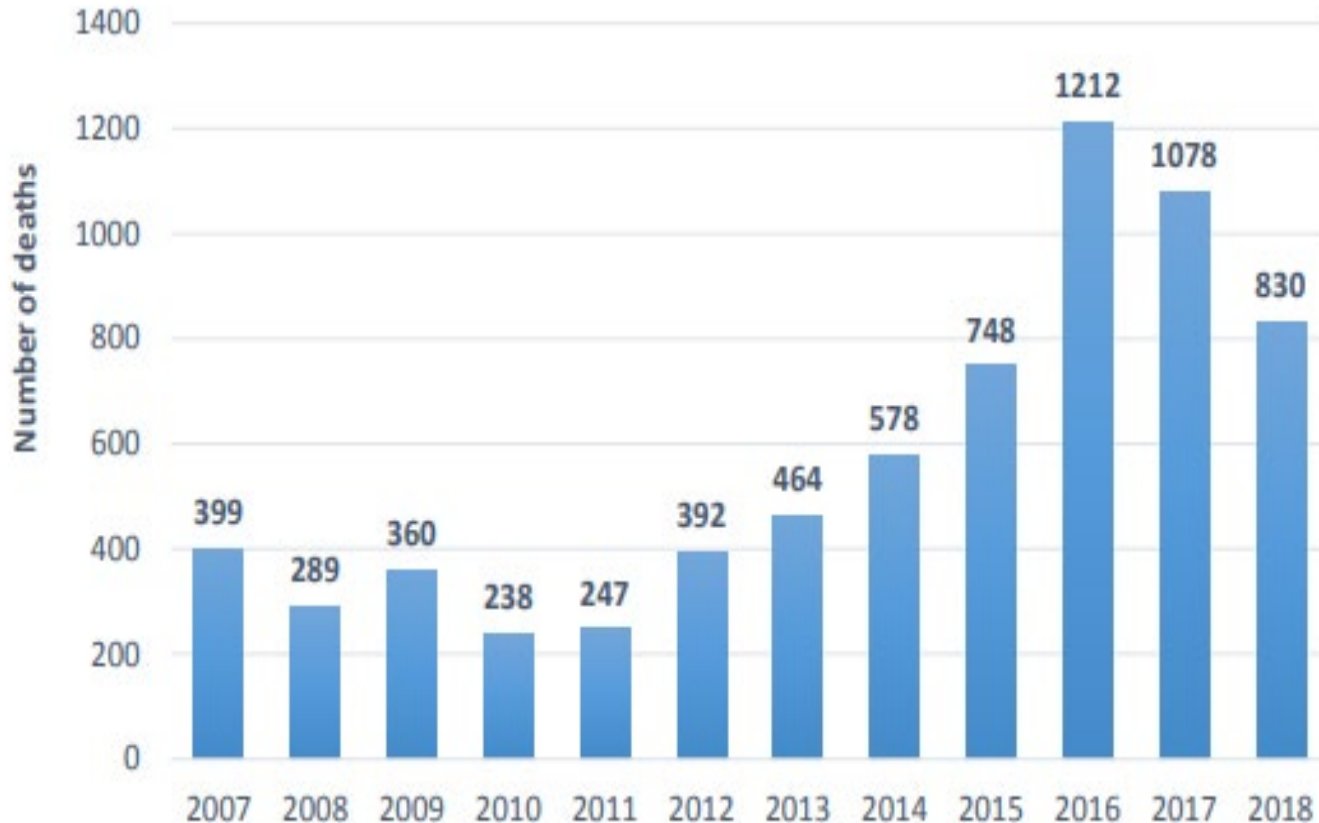*Total opioids include heroin, prescription opioids, and illicit forms of fentanyl.
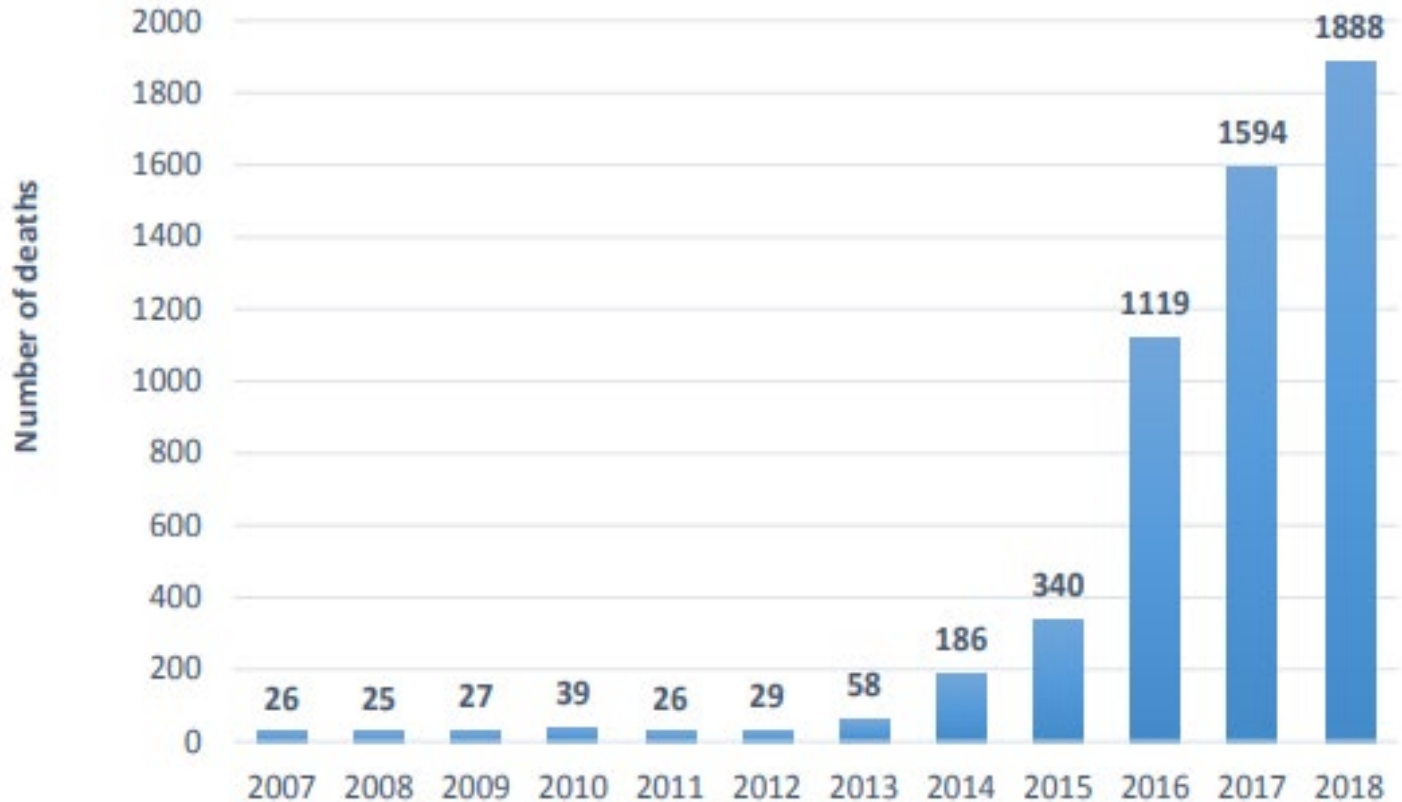Source:
https://health.maryland.gov/vsa/Documents/Overdose/Annual_2018_Drug_Intox_Report.pdf
(accessed 9/11/2019)

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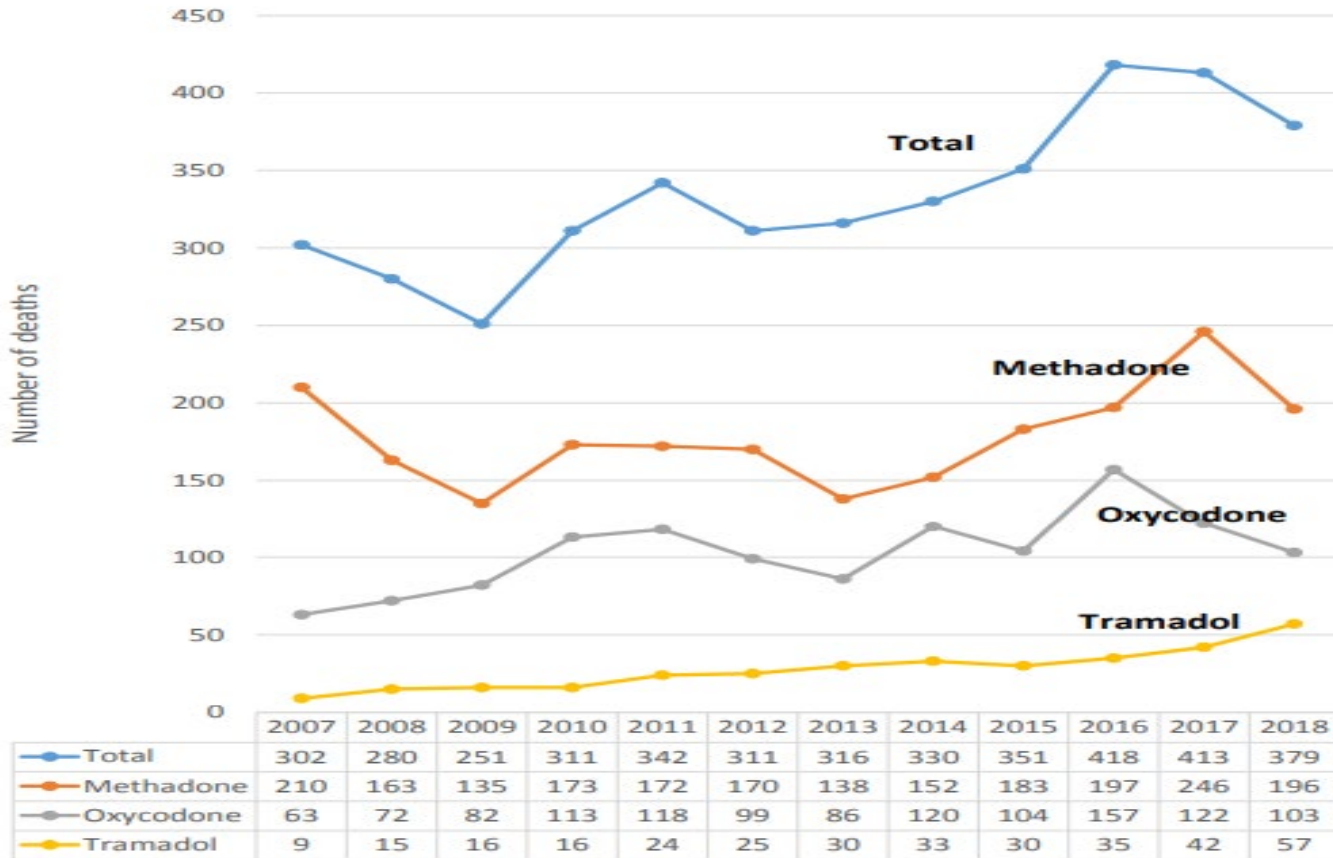# Number of Heroin-Related Deaths Occurring in Maryland, 2007-2018

Source:
https://health.maryland.gov/vsa/Documents/Overdose/Annual_2018_Drug_Intox_Report.pdf
(accessed 9/11/2019)

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Number of Fentanyl-Related Deaths Occurring in Maryland, 2007-2018

Source:
https://health.maryland.gov/vsa/Documents/Overdose/Annual_2018_Drug_Intox_Report.pdf
(accessed 9/11/2019)

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Number of Deaths Occurring in Maryland by Selected Prescription Opioids, 2007-2018

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total	302	280	251	311	342	311	316	330	351	418	413	379
Methadone	210	163	135	173	172	170	138	152	183	197	246	196
Oxycodone	63	72	82	113	118	99	86	120	104	157	122	103
Tramadol	9	15	16	16	24	25	30	33	30	35	42	57

Source:
https://health.maryland.gov/vsa/Documents/Overdose/Annual_2018_Drug_Intox_Report.pdf
(accessed 9/11/2019)

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Maryland's Response to the Opioid Crisis

Overview of Activities, Initiatives, and Programs

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State Response to Opioid Crisis

- **Prevention**

- **Harm reduction**

- **Treatment**

- **Enforcement**

- **Maryland Heroin and Opioid Task Force and Coordinating Council**
- **2017 Heroin and Opioid Prevention, Treatment, and Enforcement Initiative**
- **State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs**
- **Opioid Misuse Prevention Program (OMPP)**
- **CRISP Opioid Indicators Dashboards**
- **Overdose Response Program (ORP)**
- **Overdose Fatality Review (OFR)**
- **Overdose Survivors Outreach Program**

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Maryland Heroin and Opioid Task Force and Coordinating Council

- Governor Larry Hogan established the Council and the separate Heroin and Opioid Emergency Task Force by Executive Order on February 24, 2015.
- Council includes multiple state agencies
  - provide the opportunity to share data for the purpose of supporting public health and public safety responses to the heroin and opioid crisis.
  - serve to develop recommendations for policy, regulations, and legislation to facilitate improved sharing of public health and public safety information among State agencies.

2017 Heroin and Opioid Prevention, Treatment, and Enforcement Initiative

- **Hogan-Rutherford administration declares state of emergency, commitment of additional funding (March 2017)**

  - Creation of Opioid Operational Command Center

  - Building on the Council and Task Force's recommendations has coordinated with its partner agencies to develop and implement the Inter-Agency Heroin and Opioid Coordination Plan.

- **2017 Opioid-related legislation passed**

  - At least 30 bills introduced to combat the opioid crisis

  - Proposals focused on prevention, treatment, law enforcement, insurance coverage, public awareness

  - Many initiatives from other pieces of legislation merged in the Heroin and Opioid Prevention Effort (HOPE) and Treatment Act of 2017

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State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs

- STR-funded **Maryland Opioid Rapid Response (MORR)**
  - To enhance and expand efforts to address Maryland's opioid crisis and fulfill the State's overdose response priorities.
  - The primary statewide overdose response goals for this initiative are to prevent opioid misuse and addiction through enhanced prescriber practices and public awareness, treat opioid dependence by expanding treatment and increasing quality, prevent overdose fatalities through naloxone expansion, and expand recovery supports in the community.

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State Targeted Response to the Opioid Crisis (STR) and State Opioid Response (SOR) grant programs

- **Maryland's State Opioid Response (MD SOR)**
  - Goals of the MD SOR initiatives:
    - Increase access to Medication Assisted Treatment (MAT), which include medication(s) that are FDA-approved specifically for the treatment of an OUD, and psychosocial interventions
    - Reduce unmet treatment needs
    - Reduce opioid-related overdose deaths through evidence-based prevention, treatment and recovery services.

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Opioid Misuse Prevention Program (OMPP)

Program Overview:
- Began January 2015
- Approximately $1.6 million/yr to 18 jurisdictions in grants (one regional effort of five counties)
- Strengthen and enhance local overdose prevention plans
- Support/establish overdose fatality review teams
- Implement evidence-based opioid misuse prevention strategies in Maryland

Program Purpose:
- Reduce local contributing factors (which will...)
- Reduce opioid misuse (which will...)
- Reduce opioid overdoses (which will...)
- Reduce overdose fatalities (ultimate goal)

Local Level OMPP Strategy Implementation

Primary Strategies:

- Social Marketing Campaigns

- Prescription drug take back events

- Parent/Youth-targeted education training on perception of risks

- Expanding prescription drug lock boxes and drop off locations

Secondary & Tertiary Strategies:

- Raising public awareness of the Good Samaritan Law (GSL)

- Naloxone programs/training

- First Responder Training and Education (Good Samaritan Law, Outreach, and/or Naloxone)

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CRISP Opioid Indicators Dashboards

The following dashboards are currently available:

- the **Prescription Drug Monitoring Program (PDMP) dashboard** ("PDMP Dashboard") - displays information on controlled dangerous substance (CDS) prescriptions dispensed in Maryland and reported to the PDMP.

- **Overdose-related hospital encounters dashboard** ("Overdose Dashboard") - displays information on ac drug and alcohol intoxication-related hospitals encounters (both inpatient and outpatient) in Maryland acute care hospitals and reported to the Hospital Services Cost Review Commission (HSCRC).
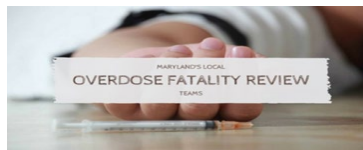
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Overdose Response Program (ORP)

- Goal: Provide a means of authorizing non-medical individuals to:

    - Receive training on opioid recognition and response with naloxone

    - Acquire, possess and administer naloxone to someone experiencing suspected opioid overdose when emergency services not immediately available

- MDH authorizes entities to train individuals

- Trainees may be prescribed/dispensed naloxone and administer it in an emergency situation

- Legal protections for naloxone prescribers/dispensers and individuals who administer naloxone

THE OVERDOSE RESPONSE PROGRAM

NALOXONE WORKS.

NALOXONEMD.ORG

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Overdose Fatality Review (OFR)

- Multi-agency/multi-disciplinary team assembled at local (county/Balt. City) level to conduct confidential reviews of overdose death cases

- Local OFR teams are operational in 19 of 24 jurisdictions and meet at least quarterly to review cases

- Goal to prevent *future* deaths by:

  - Identifying missed opportunities for prevention and gaps in system

  - Building working relationships between local stakeholders on OD prevention

  - Recommending policies, programs, laws, etc. to prevent OD deaths

  - Informing local overdose prevention strategy

Overdose Survivors Outreach Program (OSOP)

Uses peers in hospital emergency rooms and in the field to offer recent overdose survivors linkage to treatment services, naloxone training, and a consistent point of contact should someone wish to enter care.

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Pregnancy-Associated Opioid Overdose in Maryland

Impact, Prevention & Treatment Options

Opioid Identified Postmortem, Pregnancy-Associated Unintentional Overdose Deaths, Maryland, 2010-2016

Opioid	Number of cases (n=57)
Morphine (heroin)	23
Methadone	15
Fentanyl / fentanyl analogs	14
Oxycodone	10
Unspecified opioid	6
Tramadol	4
Codeine	3
Oxymorphone	2
Buprenorphine	1
Hydrocodone	1
Hydromorphone	1
Meperidine	1

NOTE: The values in the table do not add up to the sample size of 57 because multiple drugs can be detected in a single case.
Source: Maryland Maternal Mortality Review 2018 Annual Report -
https://phpa.health.maryland.gov/documents/Health-General-Article-%C2%A713-1207-2018-Annual-Report-Maryland-Maternal-Mortality-Review.pdf (accessed 9/13/2019)

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2018 Maternal Mortality Review Recommendations

MMR Recommendations – Overdose Deaths	Action Items
• Promote universal screening at least once during pregnancy, at delivery, and postpartum for substance use, mental health, and intimate partner violence conditions. • Document screening tools used, referrals given, and treatment plans in perinatal records. • Reduce unintended pregnancy and encourage reproductive life planning. • Improve communication and collaboration between providers of prenatal care and other providers (mental health, substance use, primary care, oral health, etc.). • Promote interdisciplinary case management among substance use, mental health, and obstetric providers. • Improve safe opioid prescribing practices. • Encourage Prescription Drug Monitoring Program (PDMP) utilization by providers. • Encourage naloxone co-prescribing and 3rd party prescribing (prescribing for family or friends of individuals at risk of overdose). • Inform substance use treatment providers about perinatal health.	• Create and disseminate a resource list of valid screening tools for substance use, mental health, and intimate partner violence. • Create and disseminate a resource list of referral service options by Maryland jurisdiction. • Strive for a single point of contact for behavioral health services to facilitate provider access and care coordination among providers. • Promote integration of reproductive life planning and preconception counseling into health care visits by all disciplines. • Encourage use of Long Acting Reversible Contraception (LARC) for women who indicate they do not desire to become pregnant. • Promote the importance of establishing linkages and relationships to ongoing care during the perinatal and postpartum period. • Facilitate obtaining medical records from behavioral health service providers so that the obstetric chart has complete information of the patient's behavioral health care. • Provide obstetric support to behavioral health providers in the care of the pregnant patient. • Raise provider awareness about substance use during pregnancy and promote current resources and trainings. • Educate providers on the use and importance of the PDMP. • Train providers, patients, and families on naloxone use and response to opioid overdose. • Inform patients and families about the Maryland Good Samaritan law pertaining to response to an overdose emergency. • Develop consultation resources on perinatal and reproductive health issues for mental health and substance use treatment providers.

Source: Maryland Maternal Mortality Review 2018 Annual Report - https://phpa.health.maryland.gov/documents/Health-General-Article-%C2%A713-1207-2018-Annual-Report-Maryland-Maternal-Mortality-Review.pdf (accessed 9/13/2019)

Reducing Pregnancy-Associated Overdose Deaths in Maryland

Additionally, MMR Committee supports…

- **Perinatal Neonatal Quality Collaborative in partnership with the Maryland Patient Safety Center**

- **Maryland SBIRT (Screening, Brief Intervention, and Referral to Treatment) Project**

- **Provider Resources made available by MedChi's Opioid Task Force**

- **MMR Committee *Provider Alerts* to disseminate information about maternal deaths in Maryland**

Source: Maryland Maternal Mortality Review 2018 Annual Report - https://phpa.health.maryland.gov/documents/Health-General-Article-%C2%A713-1207-2018-Annual-Report-Maryland-Maternal-Mortality-Review.pdf (accessed 9/13/2019)

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Local Level Implementation of Opioid Misuse Prevention

Wicomico County's Effort

Collaboration with rehabilitation/treatment centers:

Educate and provide resources to women/women of childbearing age to prevent neonatal abstinence syndrome, maternal opioid dependence and relapse.

Topics include:

- self care
- stress management
- coping skills
- pain management
- treatment options

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Thank You!!

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