NH DIVISION OF Public Health Services

NH AIM/ERASE Monthly Webinar October 13, 2022

WELCOME!

ΔΙΑ

- We will begin shortly
- Please type your name and email into the chat box for attendance
- Reminder, we will be recording this session
- Please mute your line upon entering and chat in your comments or questions
- Vicki Flanagan will monitor the chat box and call on you to unmute yourself
- If you have trouble connecting, please email karen.g.lee@Hitchcock.org



 Next Steps for NH –AIM:

 Bundle Metrics and the AIM Data Portal

 NH AIM/ERASE Monthly Webinar

 October 13th, 2022

 Tim Fisher, MD, MHCDS

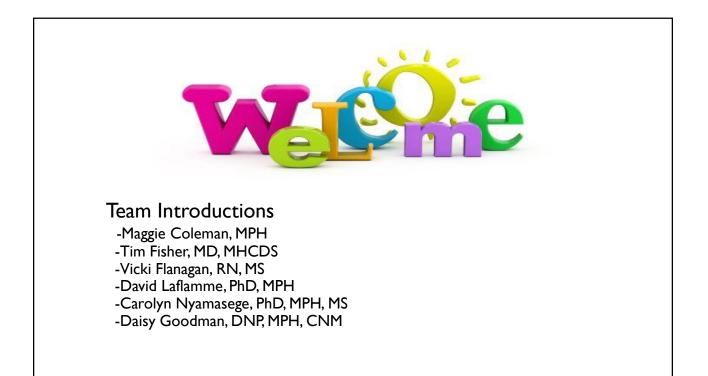
 Daisy Goodman, DNP, MPH, CNM,

 David Laflamme, PhD, MPH

 Carolyn Nyamasege, PhD, MPH, MS

Agenda

- NH AIM Team introductions
- Maternal morbidity and Mortality in NH
- AIM bundle basics
 - Bundle Structure
 - Implementation resources
 - Measurement
 - AIM Data Portal
- Next steps for NH -AIM

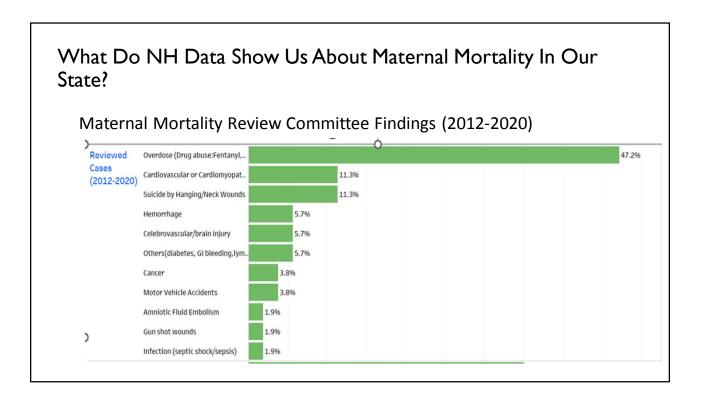


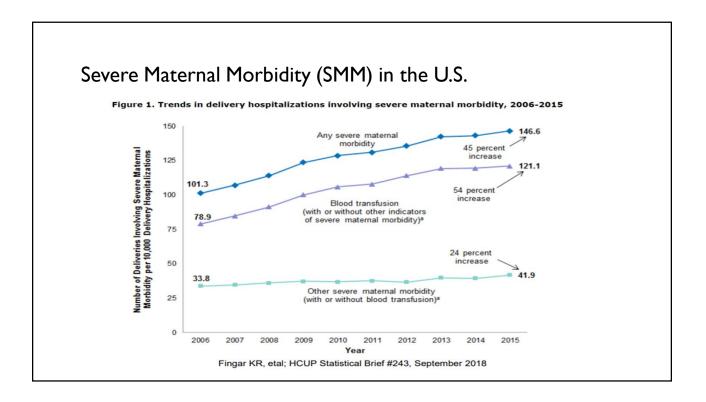


Underlying Causes of Pregnancy-Related Deaths in the United States (2017-2019)

Table 4. Underlying causes of pregnancy-related deaths*, overall and by race or ethnicity¹, data from Maternal Mortality Review Committees in 36 US states, 2017–2019¹

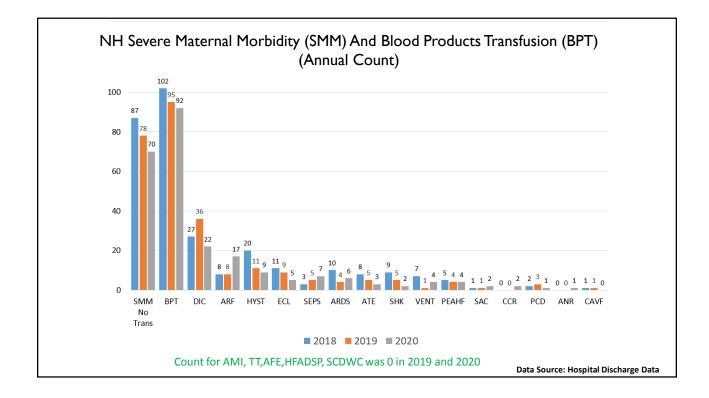
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	Tota	al	Hispa	nic	AIAN	1	Asia	in	Blac	ck	NHOPI		w	hite
	N	%	n	%	n	%	n	%	n	%	n	%	n	%
Mental health conditions ²	224	22.7	34	24.1	2		1	3.1	21	7.0	0		159	34.8
Hemorrhage ³	135	13.7	30	21.3	2	-	10	31.3	33	10.9	1	-	53	11.6
Cardiac and coronary conditions ⁴	126	12.8	15	10.6	1		7	21.9	48	15.9	0	-	49	10.7
nfection	91	9.2	15	10.6	1	-	0	0.0	23	7.6	0	-	49	10.7
mbolism- hrombotic	86	8.7	9	6.4	0	-	2	6.3	36	11.9	0		34	7.4
Cardiomyopathy	84	8.5	5	3.6	0	-	2	6.3	42	13.9	0	-	33	7.2
Hypertensive disorders of pregnancy	64	6.5	7	5.0	0		1	3.1	30	9.9	1		22	4.8

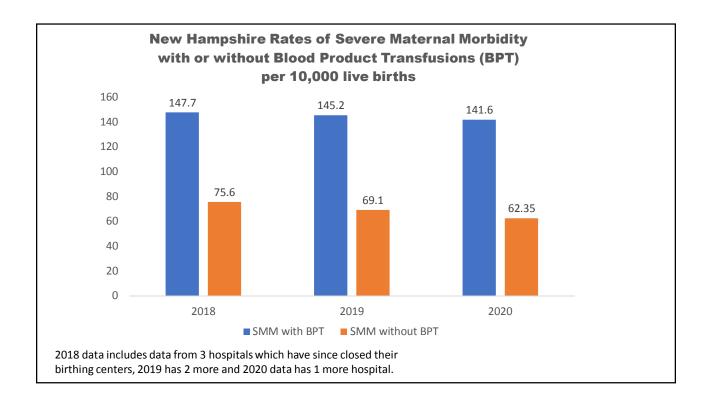




Poll: Which drivers of maternal mortality (MM) and severe maternal morbidity (SMM) is your hospital working on now?

Indicator	We are actively working on improving care in this area	We do not have any current initiatives in this area	We do not have current initiatives in this area but want to start
Obstetric Hemorrhage			
Severe maternal hypertension			
Sepsis			
Maternal substance use			
Maternal cardiac conditions			
Safe prevention of primary Cesarean birth			
Perinatal mental health			



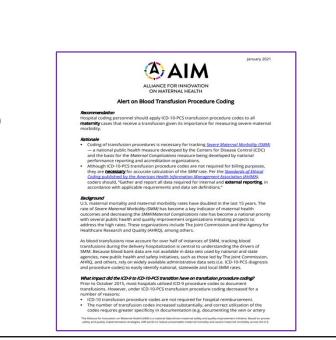


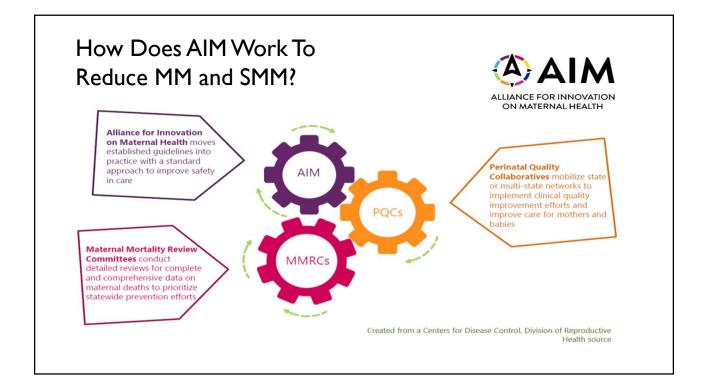
Diagnoses	Procedures
1: Acute myocardial infarction 2: Aneurysm 3: Acute renal failure 4: Adult respiratory distress syndrome 5: Amniotic fluid embolism 6: Cardiac arrest/ventricular fibrillation 7: Conversion of cardiac rhythm 8: Disseminated intravascular coagulation 9: Eclampsia 10: Heart failure/arrest during surgery or procedure 11: Puerperal cerebrovascular disorders 12: Pulmonary edema / Acute heart failure 13: Severe anesthesia complications 14: Sepsis 15: Shock 16: Sickle cell disease with crisis 17: Air and thrombotic embolism	 18: Blood transfusion (excluded) 19: Hysterectomy 20: Temporary tracheostomy 21: Ventilation

AIM Resource On Optimizing Coding For Blood Transfusion Procedures

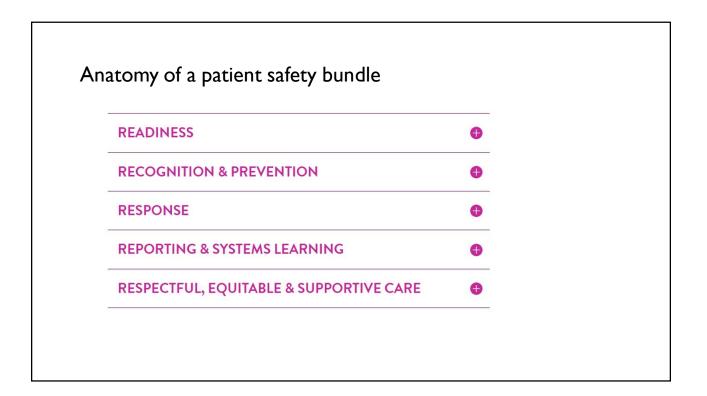
AIM-SMM-Data-Alert-Blood-Transfusions_January2021.pdf (saferbirth.org)

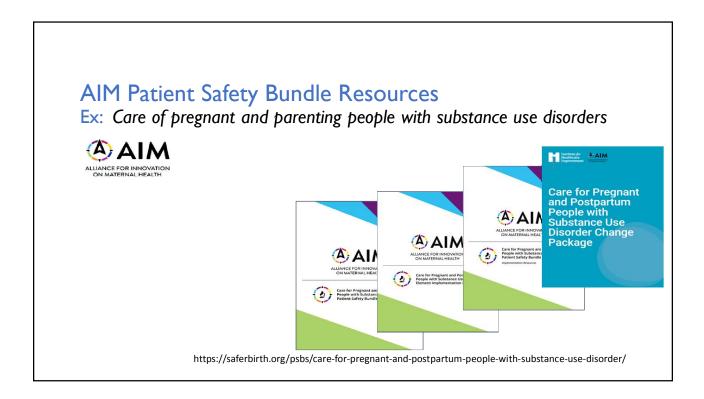
*Birth & Ethnicity Data Quality









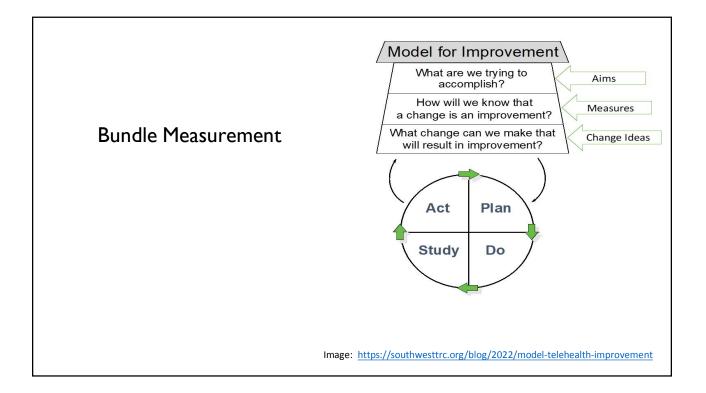


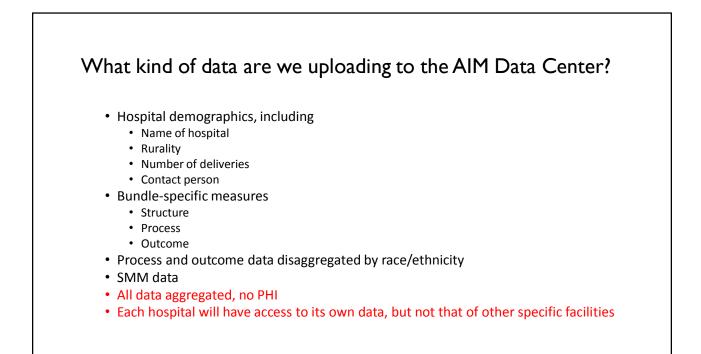




• In-patient Quality Reporting (IQR) Program:

<u>Birthing Friendly Designation.</u> In conjunction with Vice President Harris's Maternal Health Day of Action announcement in late 2021, CMS will establish a publicly reported designation indicating hospital quality and safety for maternity care. Beginning in the fall of 2023, CMS will award this designation to hospitals that attest positively to both questions in the IQR's previously adopted Maternal Morbidity Structural Measure. This measure asks whether a hospital (1) is currently participating in a structured state or national Perinatal Quality Improvement Collaborative and (2) implementing patient safety practices or bundles as part of these initiatives. CMS notes that it intends to propose in future rulemaking a more robust set of criteria for this designation





How Will Data Be Collected?

The NH-AIM team will work with each hospital to operationalize a data collection plan and will upload data to portal for all hospitals.

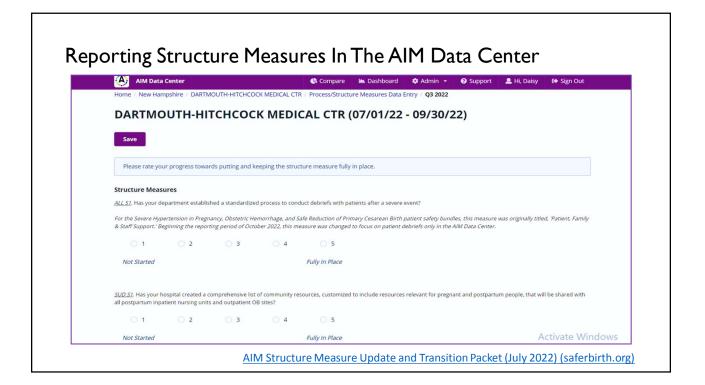
- State surveillance measures: FromVital Records, Maternal Mortality Review Committee, hospital discharge data
- Structure measures: used to assess whether standardized, evidence-based systems, protocols, and materials have been established to improve patient care. Through adoption and regular review of structures, facility teams improve their readiness to respond to an obstetric event and provide high quality care to every patient, every time.
- **Process measures:** Process measures are used to monitor the adoption and implementation of evidence-based practices.
- Outcome measures: can be used to examine changes that occur in the health of an individual, group of
 people, or population that can be attributed to the adoption of clinical best practices, including severe
 maternal morbidity and the rate of nulliparous, term, singleton, vertex Cesarean births.

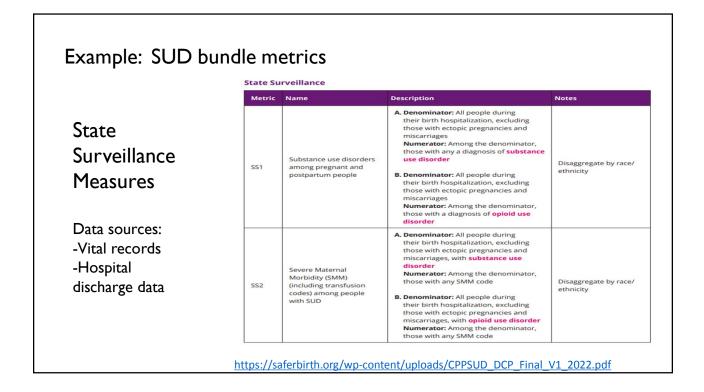
Process and Outcome measures should be disaggregated by race, ethnicity, and other social and structural drivers of health to examine inequities.

	Metric	Name	Description	Notes
Examples of Process Measures	Ρ4	Percent of pregnant and postpartum people with SUD who received Naloxone counseling	Report N/D Denominator: Pregnant and postpartum people with a diagnosis of substance use disorder during their birth hospitalization Numerator: Among the denominator, those with documentation of counseling for Naloxone prenatally or during their birth admission Refer to 04 for complementary measure	Disaggregate by race ethnicity
Data sources: -Vital records -Hospital tracking (P4) -Interview with hospital contacts (P5, 6)	Ρ5	Provider and Nursing Education - Substance Use Disorders	Report proportion completed (estimated in 10% increments - round up) At the end of this reporting period, what cumulative proportion of OB providers and nurses (including L&D and PP) has received within the last 2 years an education program on care for pregnant and postpartum people with substance use disorders?	
	Р6	Provider and Nursing Education – Respectful and Equitable Care	Report proportion completed (estimated in 10% increments-round up) At the end of this reporting period, what cumulative proportion of inpatient clinical OB providers and nursing staff has received within the last two years an education program on respectful and equitable care?	



	Structur	'e		
	Metric	Name	Description	Notes
Structure Measures	51	Resource Mapping/ Identification of Community Resources	Report Initial Completion Date Has your hospital created a comprehensive list of community resources, customized to include resources relevant for pregnant and postpartum people, that will be shared with all postpartum inpatient nursing units and outpatient OB sites?	Resource list should be updated annually. Resource list should include OUD/SUD treatment resources as well as mental health resources and allow for customization based on patient population (e.g. BIPOC).
Data source:			Report Start Date	 Include patient support networks during patient event debriefs, as requested
Interview with hospital contact	52	Patient Event Debriefs	Has your department established a standardized process to conduct debriefs with patients after a severe event?	Severe events may include the TJC sentinel event definition, severe maternal morbidity,
• Likert type scale				or fetal death.
	53	General Pain Management Guidelines	Report Completion Date Has your hospital implemented post- delivery and discharge pain management prescribing guidelines for routine vaginal and cesarean births focused on limiting opioid prescriptions?	
	54	OUD Pain Management Guidelines	Report Completion Date Has your hospital implemented specific pain management and opioid prescribing guidelines for patients with a diagnosis of opioid use disorder?	
	S5	Validated Verbal Screening Tools and Resources Shared with Prenatal Care Sites	Report Completion Date Has your hospital shared with all its prenatal care sites validated verbal screening and follow up tools for diagnosis of opioid use and substance use disorders?	Follow up tools include Screening, Brief Intervention and Referral to Treatment (SBIRT) resources.





	Metric	Name	Description	Notes
Additional State Surveillance Measures Data sources: -Hospital discharge data -Maternal Mortality Review Committee	553	Severe Maternal Morbidity (SMM) (excluding transfusion codes) among people with SUD	 A. Denominator: All people during their birth hospitalization, excluding those with ectopic pregnancies and miscarriages, with substance use disorder Numerator: Among the denominator, all those with any non-transfusion SMM code B. Denominator: All people during their birth hospitalization, excluding those with ectopic pregnancies and miscarriages, with opioid use disorder Numerator: Among the denominator, those with any non-transfusion SMM code 	Disaggregate by race/ ethnicity
	SS4	Proportion of pregnancy associated deaths due to overdose	Denominator: Total pregnancy-associated deaths Numerator: Pregnancy-associated deaths due to overdose	Disaggregate by race/ ethnicity

SMM Indicators Does A	IM Track?
Diagnoses	Procedures
1: Acute myocardial infarction 2: Aneurysm 3: Acute renal failure 4: Adult respiratory distress syndrome 5: Amniotic fluid embolism 6: Cardiac arrest/ventricular fibrillation 7: Conversion of cardiac rhythm 8: Disseminated intravascular coagulation 9: Eclampsia 10: Heart failure/arrest during surgery or procedure 11: Puerperal cerebrovascular disorders 12: Pulmonary edema / Acute heart failure 13: Severe anesthesia complications 14: Sepsis 15: Shock 16: Sickle cell disease with crisis 17: Air and thrombotic embolism	 18: Blood transfusion (excluded) 19: Hysterectomy 20: Temporary tracheostomy 21: Ventilation



OBSTETRIC H	EMORRHAGE
READINESS	QUICK LINKS
	Printable Bundle (2022) (PDF)
RECOGNITION & PREVENTION	 Printable Bundle (2022) (PDF) Bundle Implementation Details (2022) (PDF)
RECOGNITION & PREVENTION	
	 Bundle Implementation Details (2022) (PDF) Bundle Implementation Resources (2022)
RECOGNITION & PREVENTION RESPONSE REPORTING & SYSTEMS LEARNING	 Bundle Implementation Details (2022) (PDF) Bundle Implementation Resources (2022) (PDF) Obstetric Hemorrhage Implementation

os://saferbirth.org/psbs/cardiac-conditions-in-obstetrical-c	are/
CARDIAC CONDITIONS IN	N OBSTETRICAL CARE
For the purpose of this Bundle, cardiac conditions refer to disorder health. Such disorders may include congenital heart disease or a valve disorders, cardiomyopathies, arrhythmias, coronary arter	cquired heart disease, including but not limited to cardiac
READINESS	QUICK LINKS Printable Bundle (PDF)
RECOGNITION & PREVENTION	 Printable Bundle (PDF) Cardiac Conditions in Obstetrical Care Element Implementation Details (PDF)
RESPONSE	Cardiac Conditions in Obstetrical Care Bundle Implementation Resources (PDF)
RESPONSE REPORTING & SYSTEMS LEARNING	 Cardiac Conditions in Obstetrical Care Bundle Implementation Resources (PDF) Cardiac Conditions in Obstetrical Care Implementation Webinar (Video)
	 Cardiac Conditions in Obstetrical Care Bundle Implementation Resources (PDF) Cardiac Conditions in Obstetrical Care

