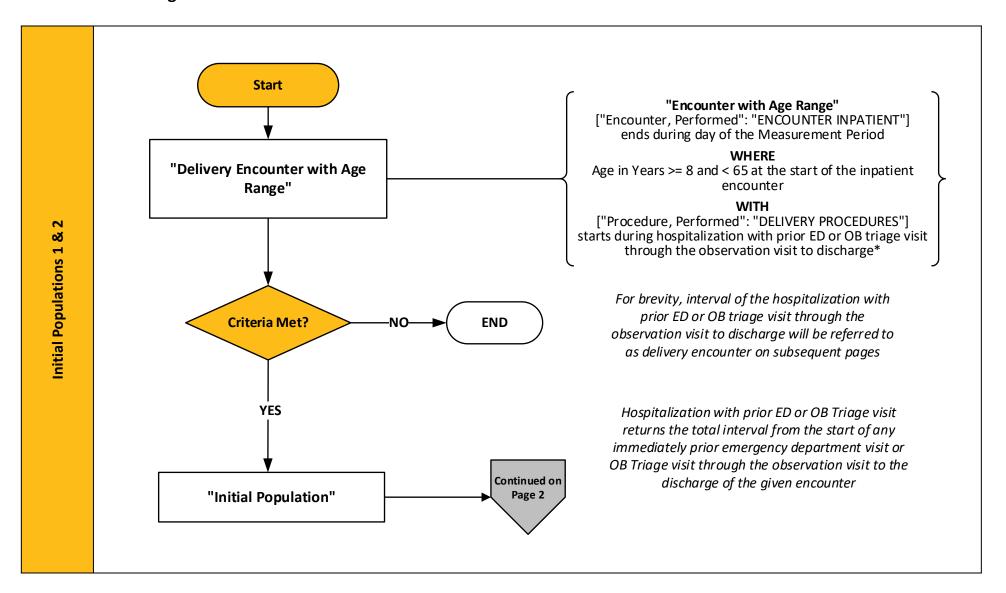
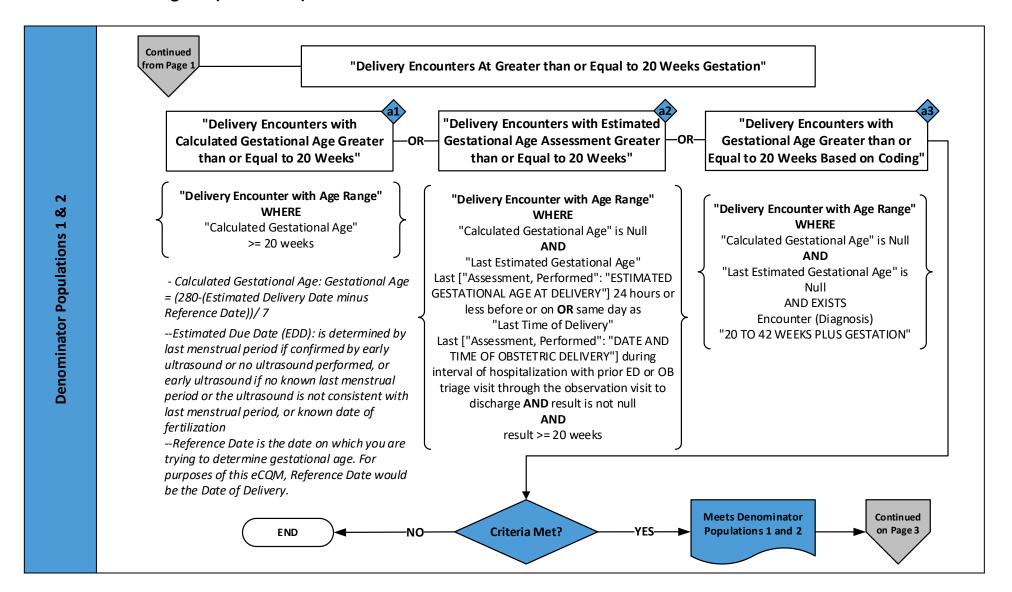
\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

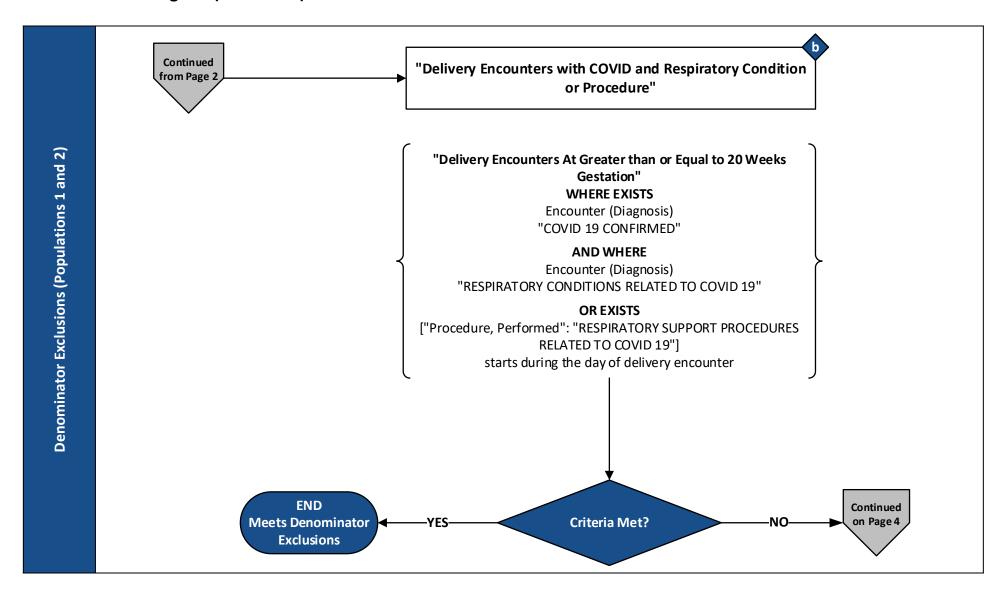
#### **Measure Flow Diagram**



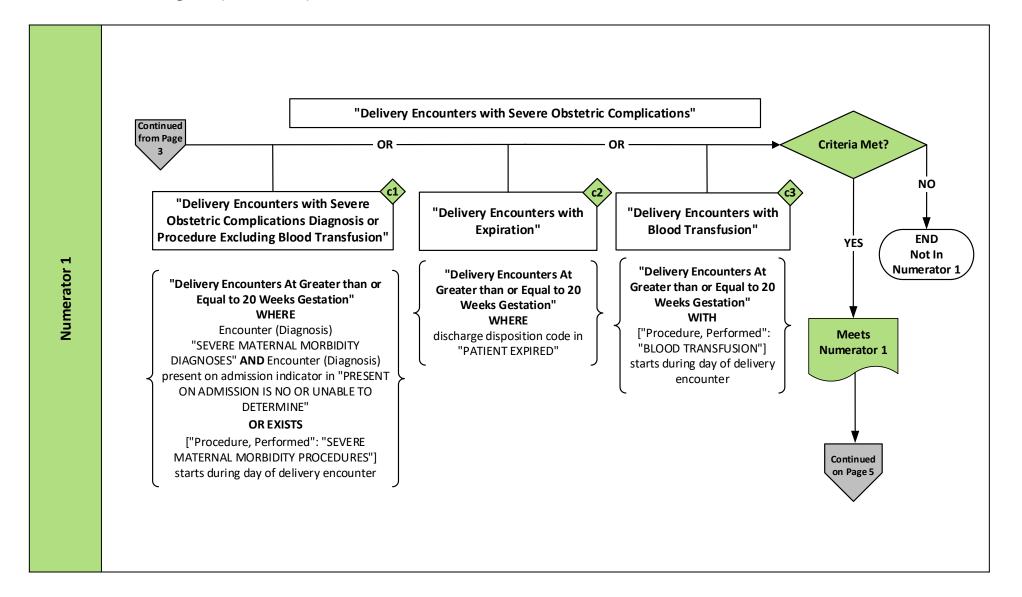
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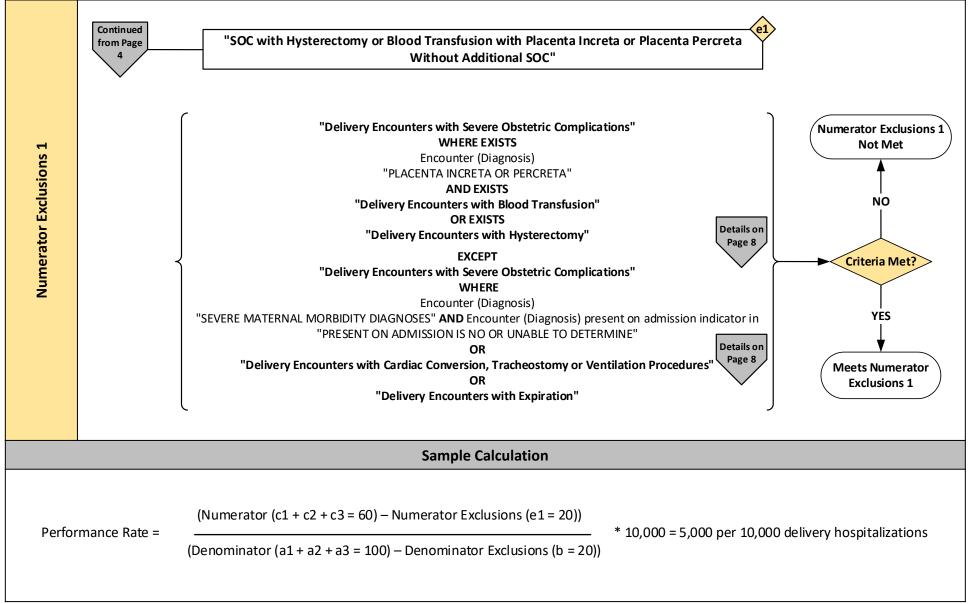
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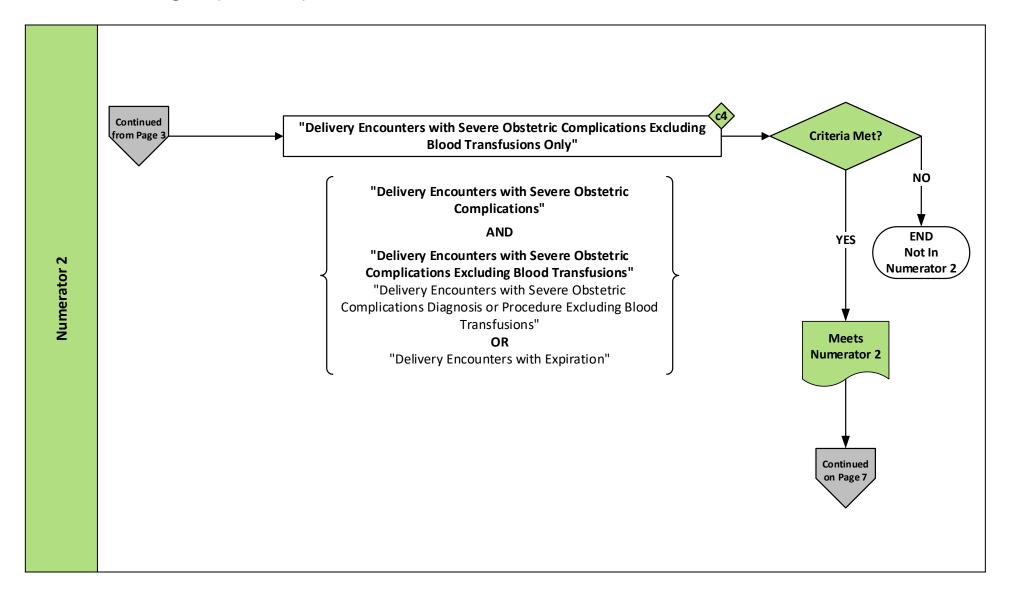
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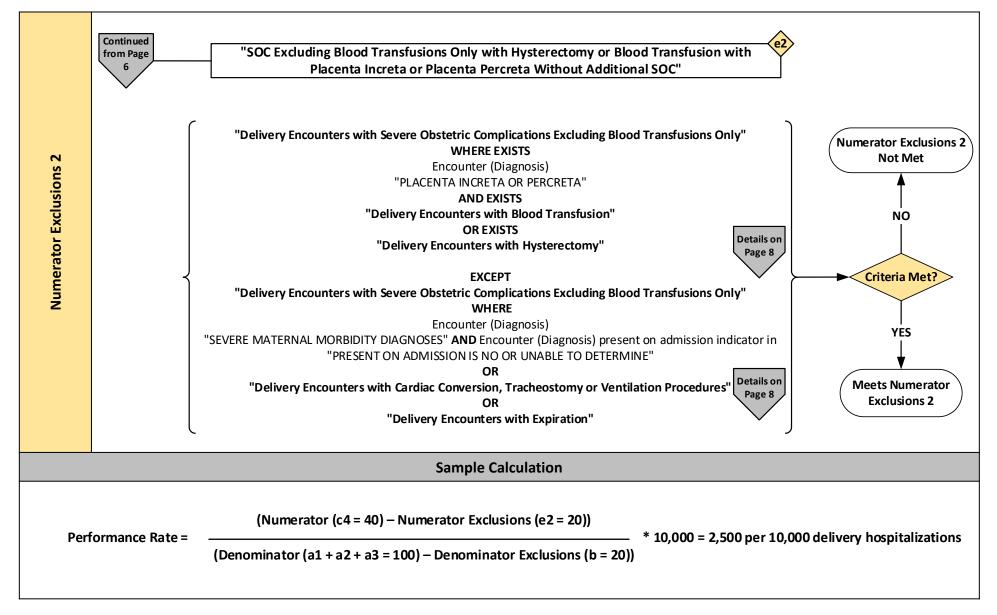
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#### **Measure Flow Diagram (Continued)**





"Delivery Encounters with Cardiac Conversion, Tracheostomy or Ventilation Procedures"

"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation"

WITH

"Cardiac Conversion, Tracheostomy or Ventilation Procedures"

["Procedure, Performed": "CONVERSION OF CARDIAC RHYTHM"]

["Procedure, Performed": "TRACHEOSTOMY"]

["Procedure, Performed": "VENTILATION"] starts during day of delivery encounter

"Delivery Encounters with Hysterectomy"

"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation"

WITH

["Procedure, Performed": "HYSTERECTOMY"] starts during day of delivery encounter

\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

#### **Measure Flow Diagram (Continued)**

# "SDE Variable Calculated Gestational Age"

"Delivery Encounter with Age Range"

Let CGA

"CalculatedGestationalAge"(DeliveryEncounter)

Return { DeliveryEncounter, CGA }

This definition establishes a variable of CGA (Calculated Gestational Age). CGA is a supplemental data element to store the calculated gestational age result from the "CalculatedGestationalAge" function. The data element enables the capturing and saving of the CGA for data analysis post data receipt. Hospitals do not need to submit any additional data to comply with this definition.

These definitions will help determine which severe maternal morbidity diagnosis(es) and/or procedure(s) qualified each patient for the numerator during data analysis

"SDE Delivery Encounters with Severe Obstetric Complication Diagnosis"

"Delivery Encounters with Severe Obstetric Complications" EXCEPT

"SOC with Hysterectomy or Blood Transfusion with Placenta Increta or Placenta Percreta Without Additional SOC" WHERE

Encounter (Diagnosis)

"SEVERE MATERNAL MORBIDITY
DIAGNOSES" AND Encounter
(Diagnosis) present on admission
indicator in "PRESENT ON ADMISSION
IS NO OR UNABLE TO DETERMINE"

"SDE Delivery Encounters with Severe Obstetric Complication Procedures"

"Delivery Encounters with Severe Obstetric Complications" EXCEPT

"SOC with Hysterectomy or Blood Transfusion with Placenta Increta or Placenta Percreta Without Additional SOC" WHERE EXISTS

["Procedure, Performed": "SEVERE MATERNAL MORBIDITY PROCEDURE"]

OR

["Procedure, Performed": "BLOOD TRANSFUSION"] starts during day of delivery encounter

\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

#### **Measure Flow Narrative**

The measure flow diagram on the preceding pages illustrates the steps to determine the population criteria for this measure.

Measure Description	This measure identifies patients with severe obstetric complications that occur during the inpatient delivery hospitalization
Initial Population	Inpatient hospitalizations for patients age >= 8 years and < 65 admitted to the hospital for inpatient acute care who undergo a delivery procedure with a discharge date that ends during the measurement period
Denominator	Inpatient hospitalizations for patients delivering stillborn or live birth with >= 20 weeks, 0 days gestation completed
<b>Denominator</b> <b>Exclusions</b>	Inpatient hospitalizations for patients with confirmed diagnosis of COVID with COVID-related respiratory condition or patients with confirmed diagnosis of COVID with COVID-related respiratory procedure during the encounter
Numerators	Two numerator populations are defined for this measure:  1. All Severe Obstetric Complications (SOC)  2. SOC excluding encounters where blood transfusion was the only SOC Inpatient hospitalizations for patients with severe obstetric complications (not present on admission that occur during the current delivery encounter) including the following: Severe maternal morbidity diagnoses; Severe maternal morbidity procedures; Discharge disposition of expired
Numerator Exclusions	Inpatient hospitalizations with blood transfusion or hysterectomy with a diagnosis of placenta percreta or placenta increta and no additional severe obstetrical complications

\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

#### **Measure Flow Narrative (Continued)**

The measure flow diagram on the preceding pages illustrates the steps to determine the population criteria for this measure.

Pre-existing conditions and variables must be present on admission:

- Anemia (includes sickle cell disease)
- Asthma
- Autoimmune Disease
- Bariatric Surgery
- Bleeding Disorder
- Cardiac Disease
- Gastrointestinal Disease
- Gestational Diabetes
- HIV
- Economic Housing Instability
- Hypertension
- Maternal Age (derived from birthdate)
- Mental Health Disorder
- Morbid Obesity
- Multiple Pregnancy
- Neuromuscular Disease
- Other Pre-eclampsia
- Placenta Previa
- Placental Abruption

- Placental Accreta Spectrum
- Pre-existing Diabetes
- Preterm Birth
- Previous Cesarean
- Pulmonary Hypertension
- Renal Disease
- Severe Pre-eclampsia
- Substance Abuse
- Thyrotoxicosis
- Long-term Anticoagulant Use
- Obstetric VTE

Additional variables used for risk adjustment include Lab and Physical Exam Results. Report the first resulted value 24 hours prior to start of encounter and before time of delivery in UCUM units specified:

- Heart rate: (beats)/min
- Systolic blood pressure: mm[Hg]
- White blood cell count: 10\*3/ul.
- Hematocrit: %

The Severe Obstetric Complications Risk Adjustment Methodology Report is available on the eCQI Resource Center (https://ecqi.healthit.gov).

\*This flow diagram represents an overview of population criteria requirements. Please refer to the eCQM measure specification for a complete list of definitions, direct reference codes, data or timing elements included in this measure and required for submission.

#### **Measure Flow Narrative (Continued)**

The measure flow diagram on the preceding pages illustrates the steps to determine the population criteria for this measure.

Supplemental Data Elements (Measure Specific)

For every patient evaluated by this measure also identify payer, race, ethnicity, sex, variable calculated gestational age, SOC diagnosis details, and SOC procedure details