



# Maternal Hypertension in WI

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WisPQC Initiative Launch

October 27, 2021

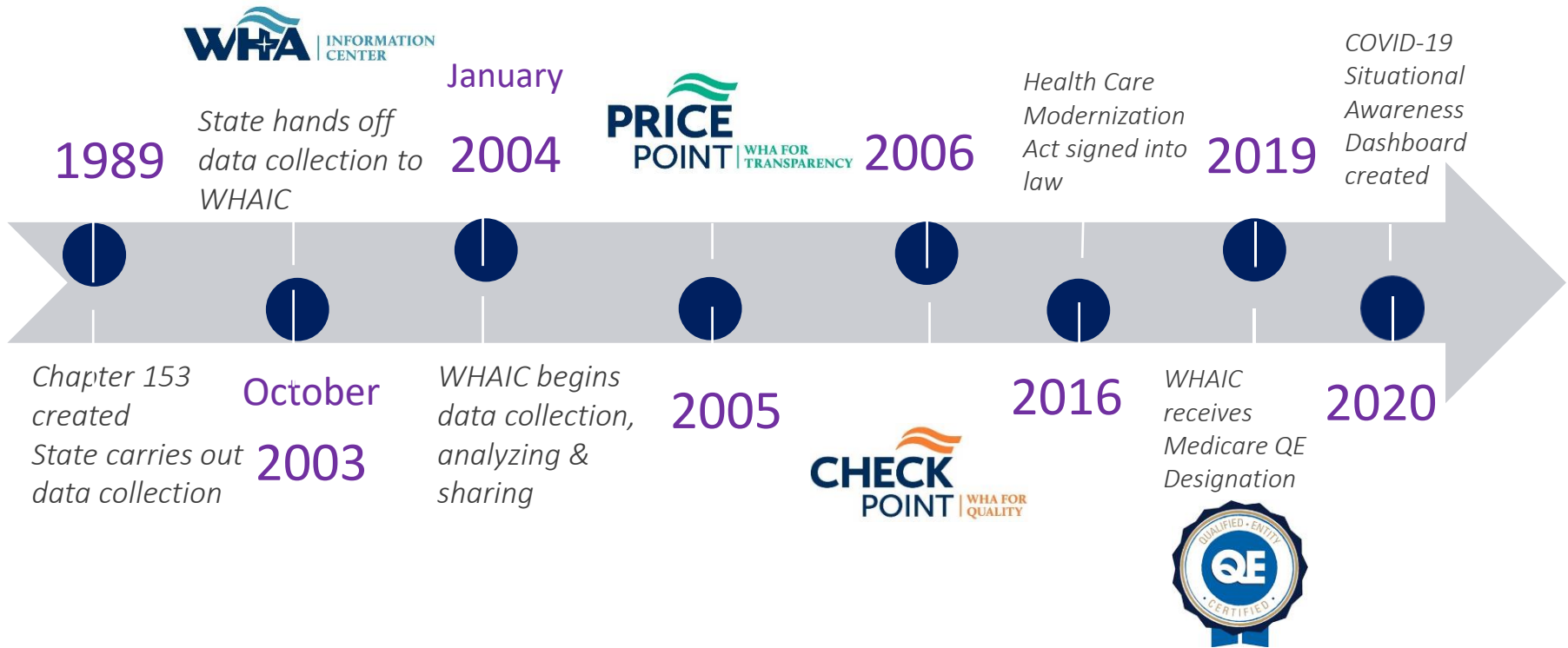
Jill Lindwall, Clinical Quality Improvement Advisor

# Wisconsin Hospital Association



# About Us: WHA Information Center

WHA Information Center (WHAIC) is wholly owned subsidiary of the Wisconsin Hospital Association.



# The Importance of Good Data (Over Time)

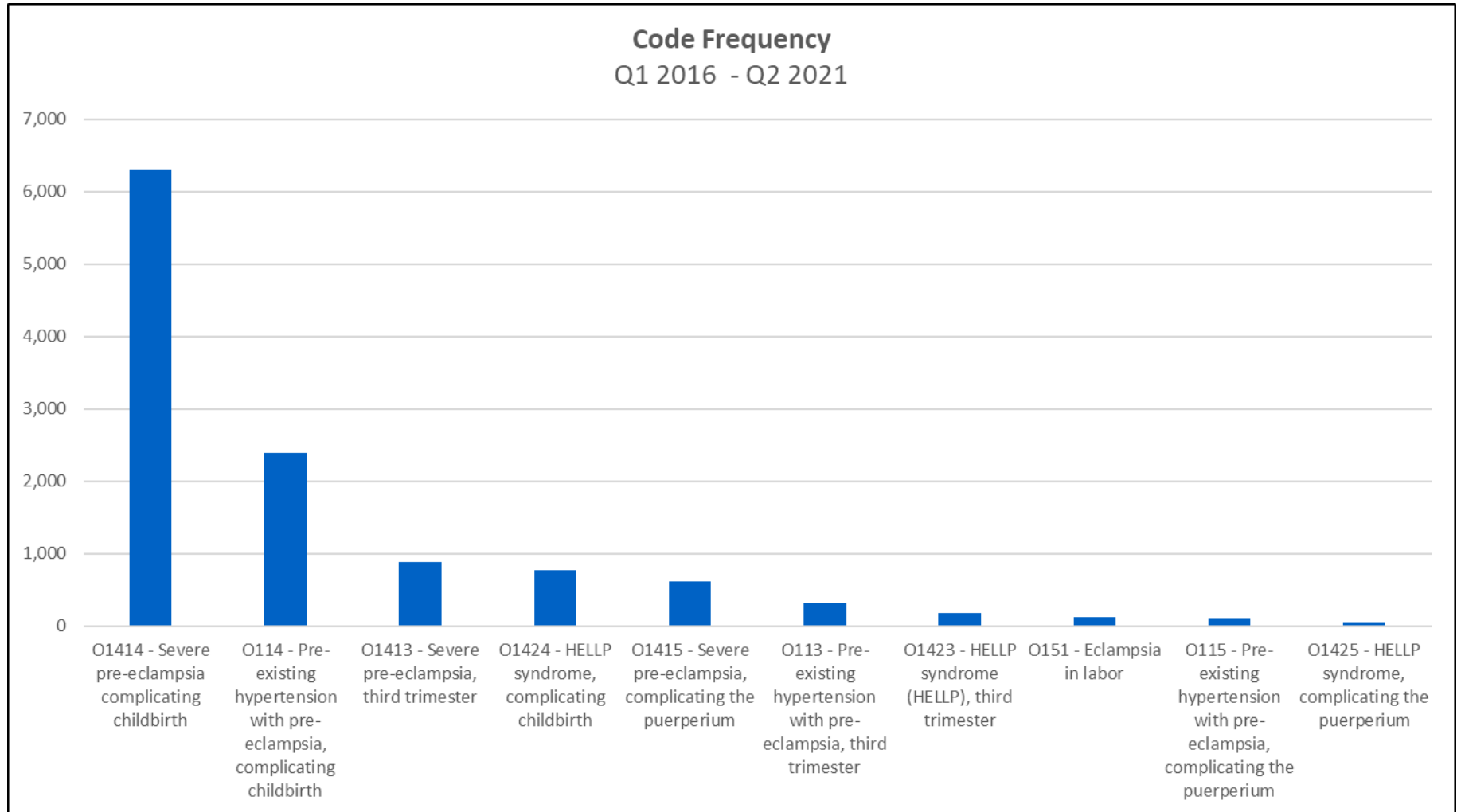


- Creates consensus around identifying the problem and ideal end state
- Informs the project's AIM statement: "We will do **what**, by **how much**, by **when**" and interim milestones
- Reflects the project activities, including small tests of change, and their effect
- Encourages buy-in from stakeholders
- Are easily communicated to others for spread or sharing

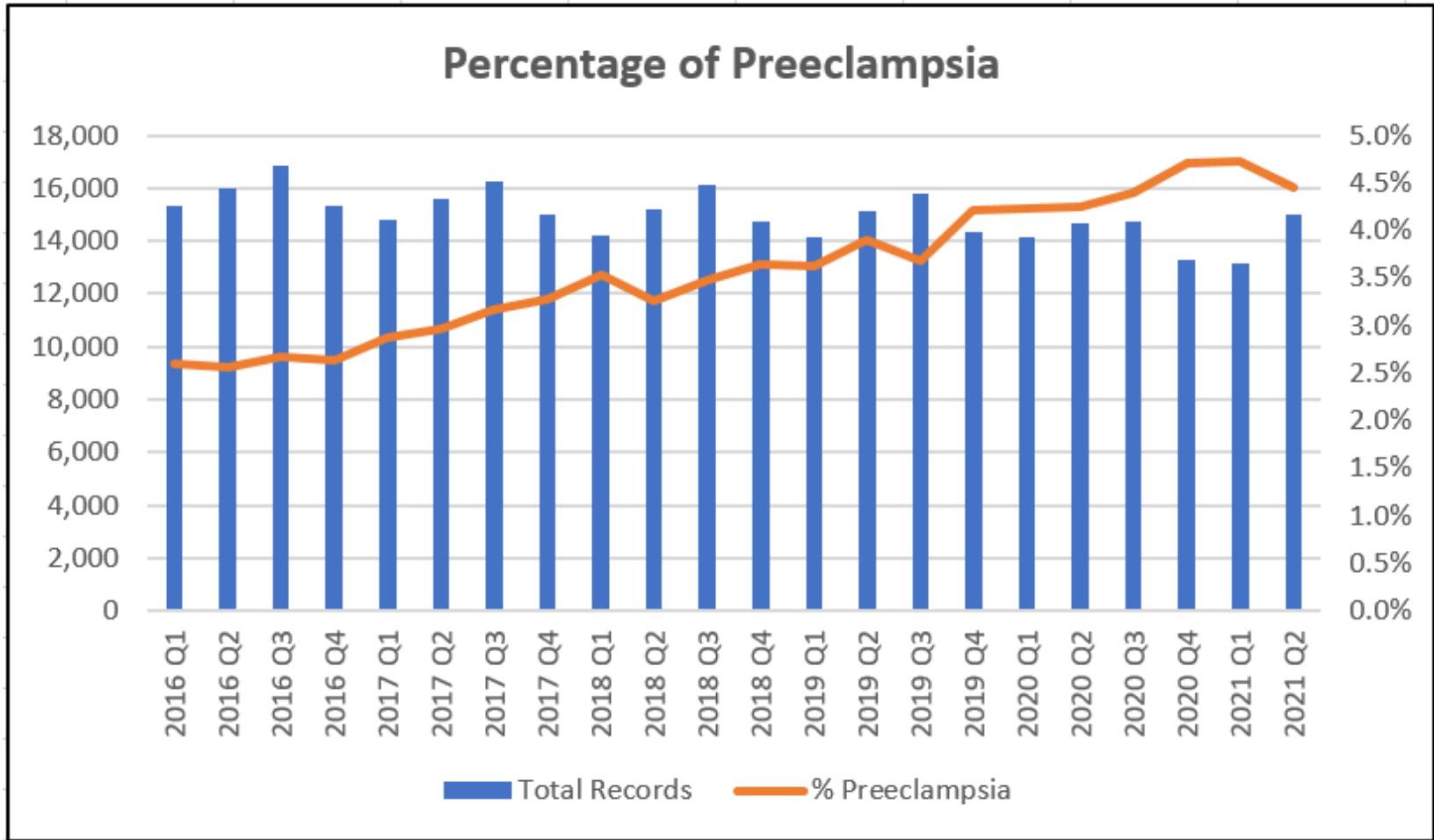
# Preeclampsia Data: Q1 2016 – Q2 2021

ICD-10	Descriptions
O11.1	Pre-existing hypertension with pre-eclampsia, first trimester
O11.2	Pre-existing hypertension with pre-eclampsia, second trimester
O11.3	Pre-existing hypertension with pre-eclampsia, third trimester
O11.4	Pre-existing hypertension with pre-eclampsia, complicating childbirth
O11.5	Pre-existing hypertension with pre-eclampsia, complicating the puerperium
O11.9	Pre-existing hypertension with pre-eclampsia, unspecified trimester
O14.10	Severe pre-eclampsia, unspecified trimester
O14.12	Severe pre-eclampsia, second trimester
O14.13	Severe pre-eclampsia, third trimester
O14.14	Severe pre-eclampsia complicating childbirth
O14.15	Severe pre-eclampsia, complicating the puerperium
O14.20	HELLP syndrome (HELLP), unspecified trimester
O14.22	HELLP syndrome (HELLP), second trimester
O14.23	HELLP syndrome (HELLP), third trimester
O14.24	HELLP syndrome, complicating childbirth
O14.25	HELLP syndrome, complicating the puerperium
O15.00	Eclampsia in pregnancy, unspecified trimester
O15.02	Eclampsia in pregnancy, second trimester
O15.03	Eclampsia in pregnancy, third trimester
O15.1	Eclampsia in labor
O15.2	Eclampsia in the puerperium
O15.9	Eclampsia, unspecified as to time period

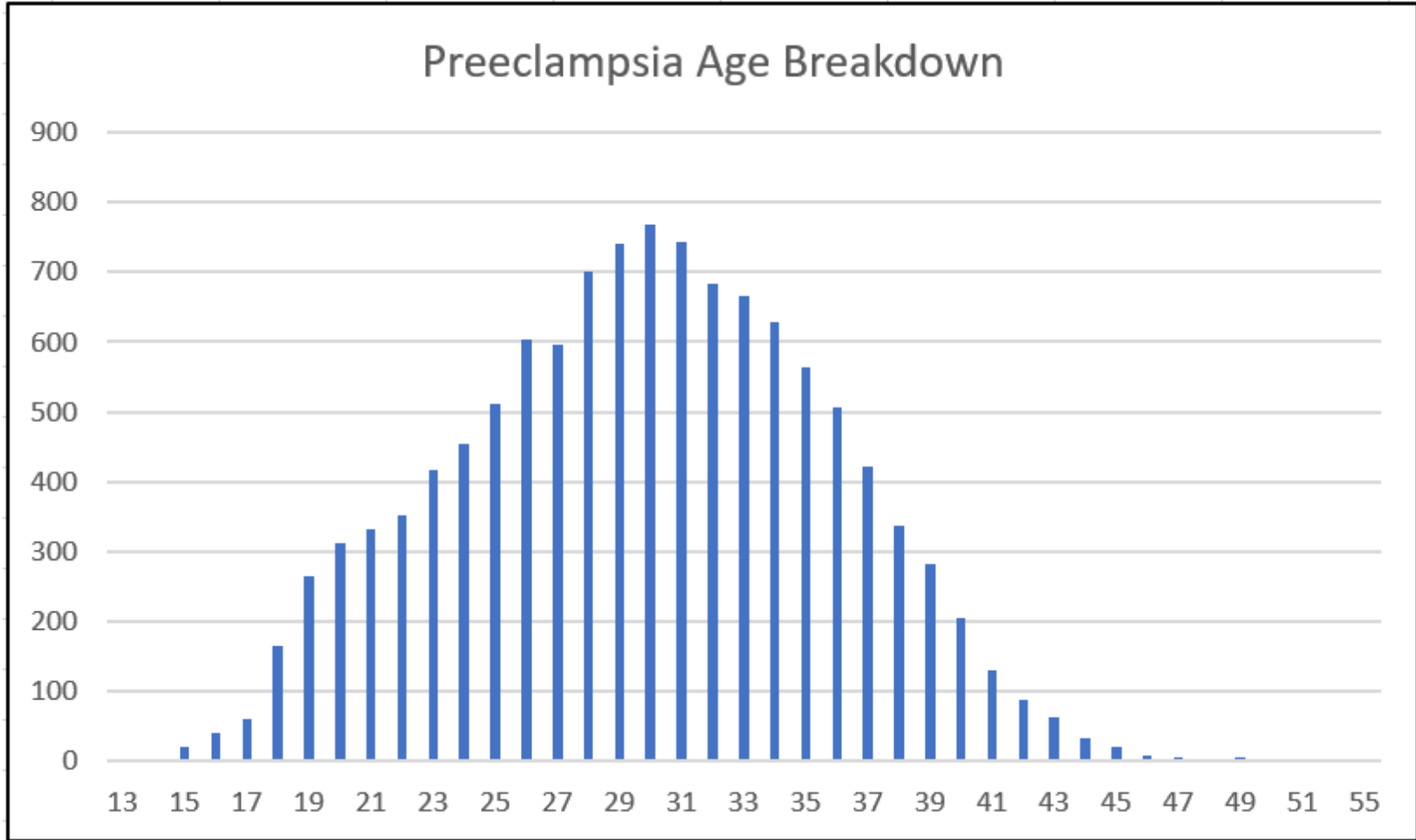
# Top Ten Codes Occurring Most Frequently



# Wisconsin's Preeclampsia Data

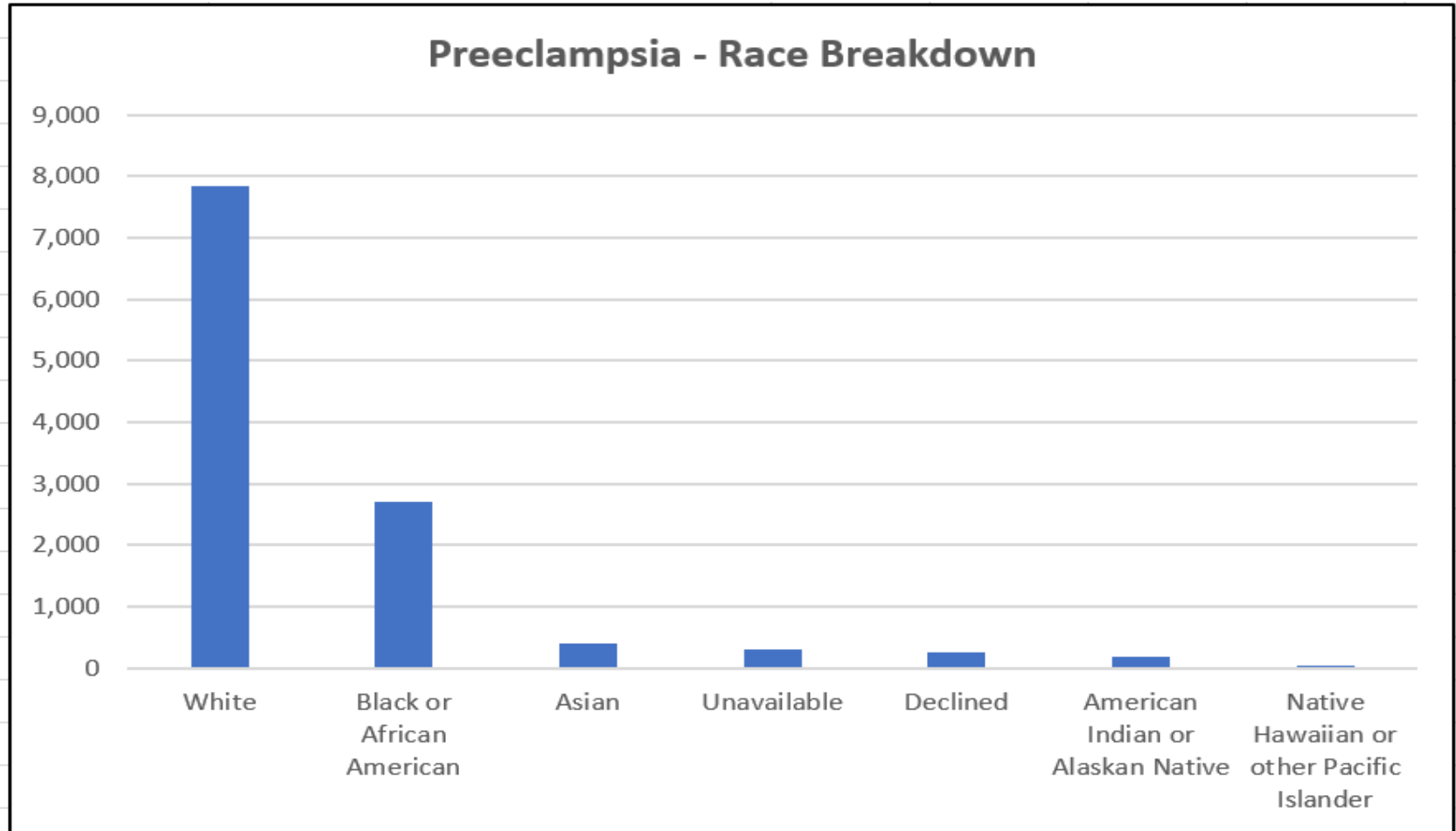


# Preeclampsia Age Distribution

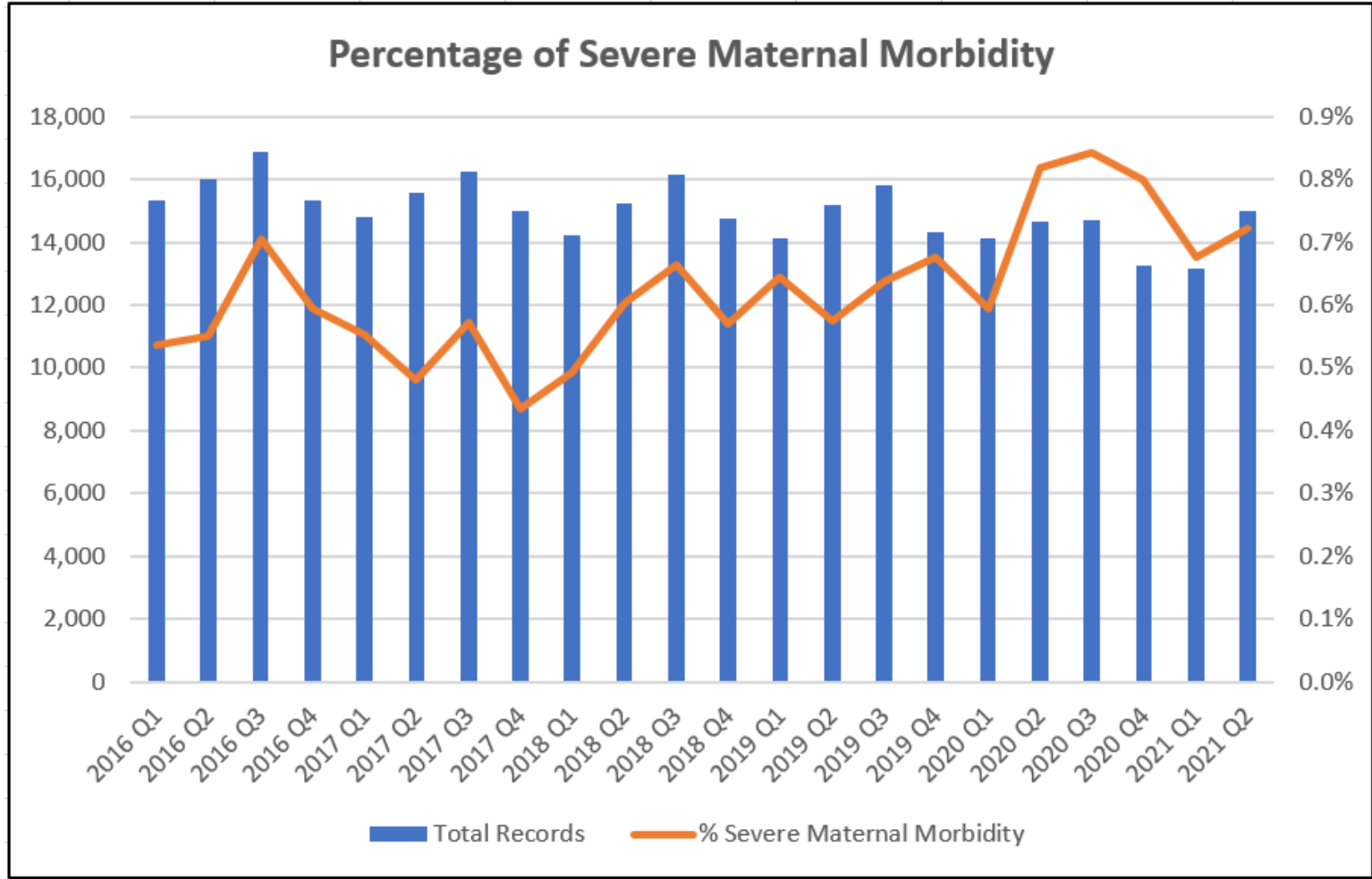




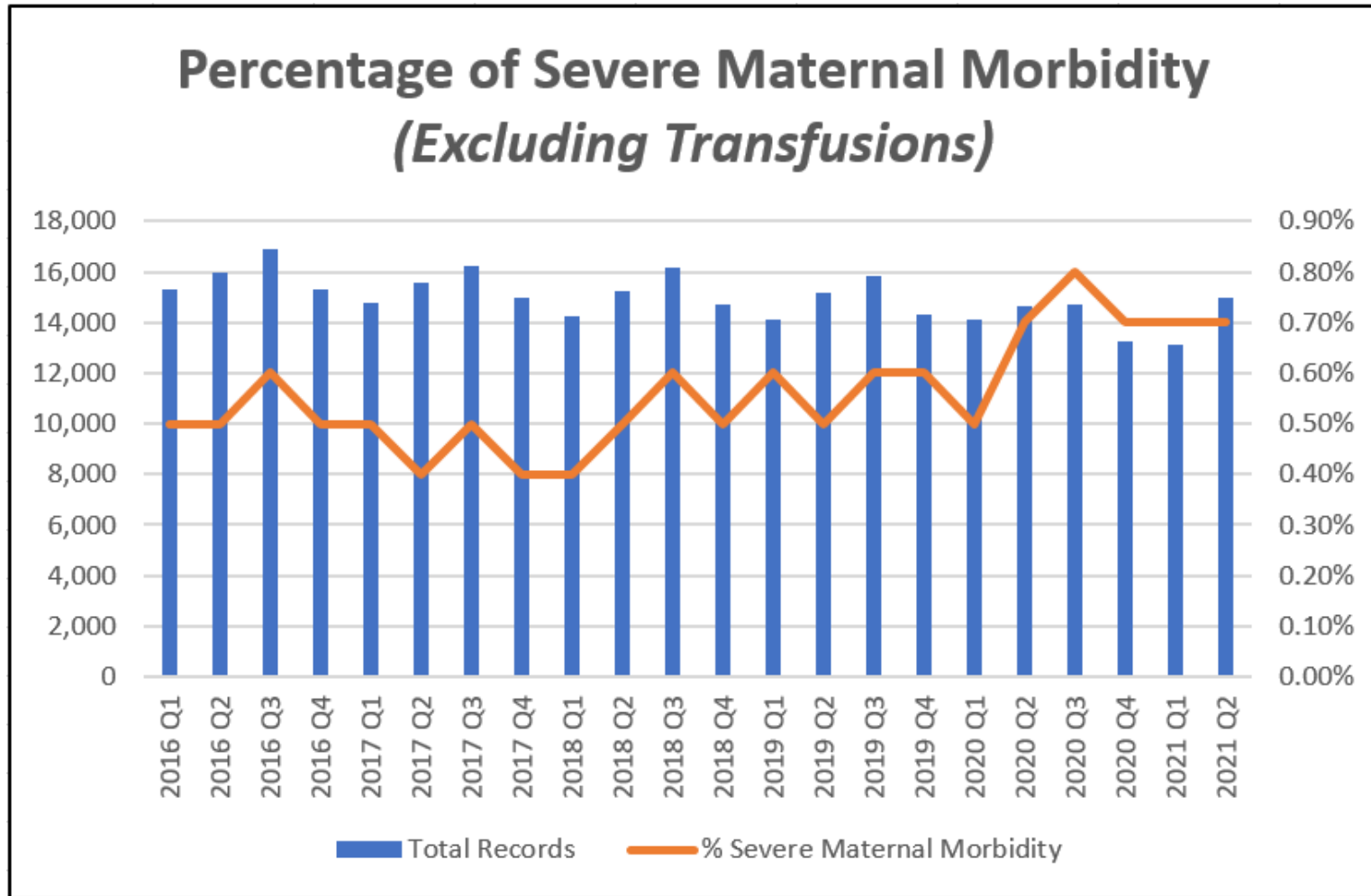
# Preeclampsia Race Distribution



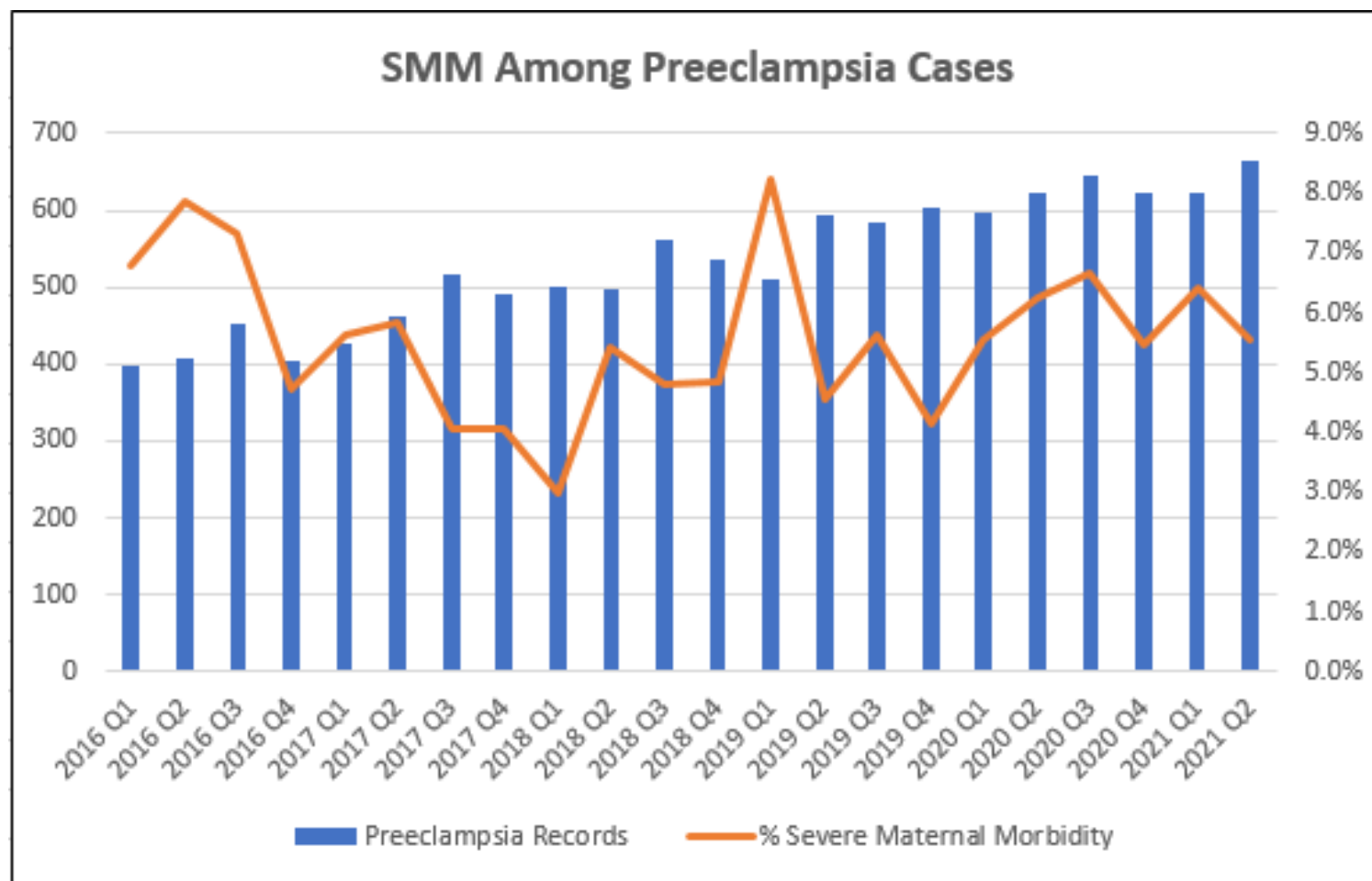
# Severe Maternal Morbidity (SMM)



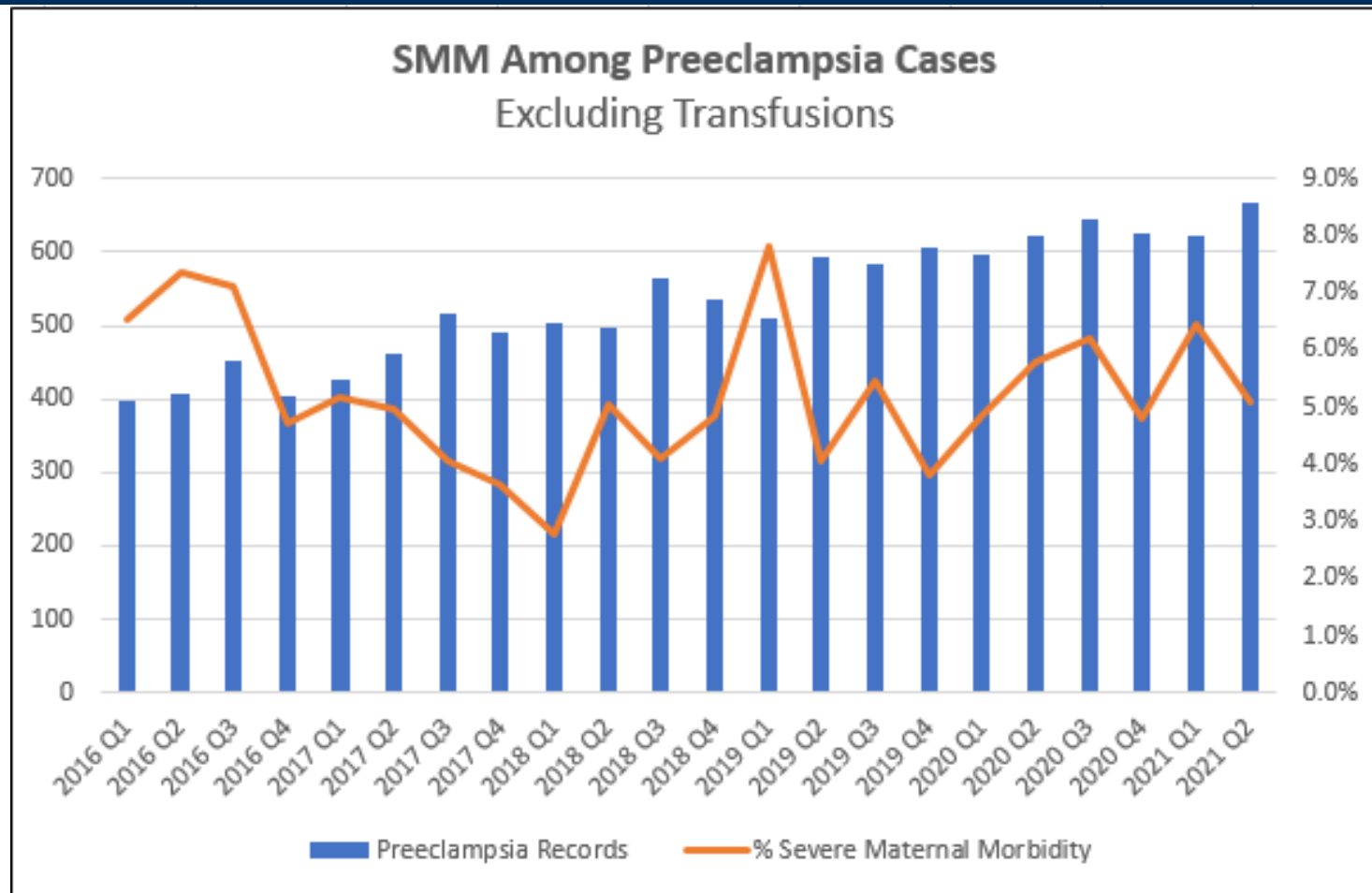
# SMM – Excluding Transfusions



# SMM Among Preeclampsia Cases



# SMM (Excluding Transfusions) – Preeclampsia Cases



# Further Consideration for Data

- What additional data would assist your hospitals and communities in reducing Maternal Hypertension?
- What additional social determinants of health (SDOH) data would help address disparities in care?
- What other sources of data currently exist or need to be developed?
- Other questions?

Good data reveals opportunities for improvement, and drives decision-making during Plan-Do-Study-Act cycles

# THANK YOU!

You can find more information online at  
[www.wha.org](http://www.wha.org)