



# FPQC Perinatal Indicator System

## Birth Certificate- Data through November 2021

Pg #

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## Linked Birth Certificate and Inpatient Hospital Discharge- Data through 2019

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## Inpatient Hospital Discharge- Data through Q1 2021

Neonatal Abstinence Syndrome

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Severe Maternal Morbidity

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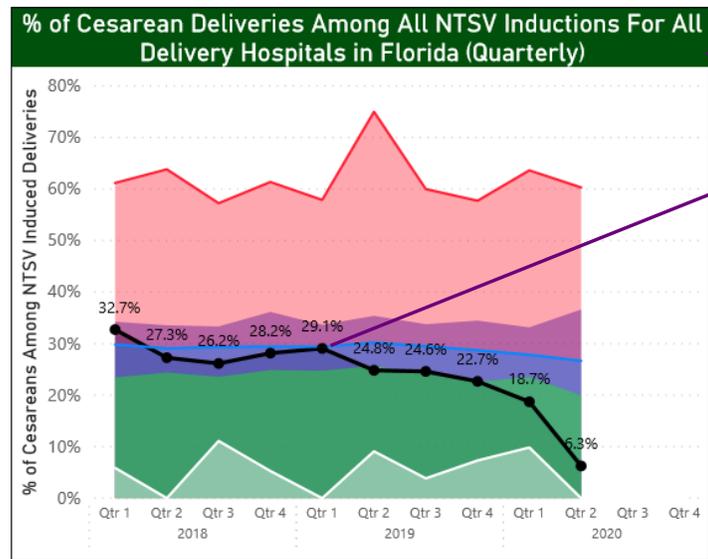
Severe Hypertension/Preeclampsia

20-22

Obstetric Hemorrhage

23-25

# HOW TO INTERPRET GRAPHS IN YOUR REPORT



1. Identify the indicator in the title of the graph

2. The black line/dot always represents your hospital percent - see your hospital % across the timeline (look at the x-axis as some indicators are calculated by quarter and others yearly).

3. Find out how your hospital compares to others by looking at the color coded areas, e.g.:

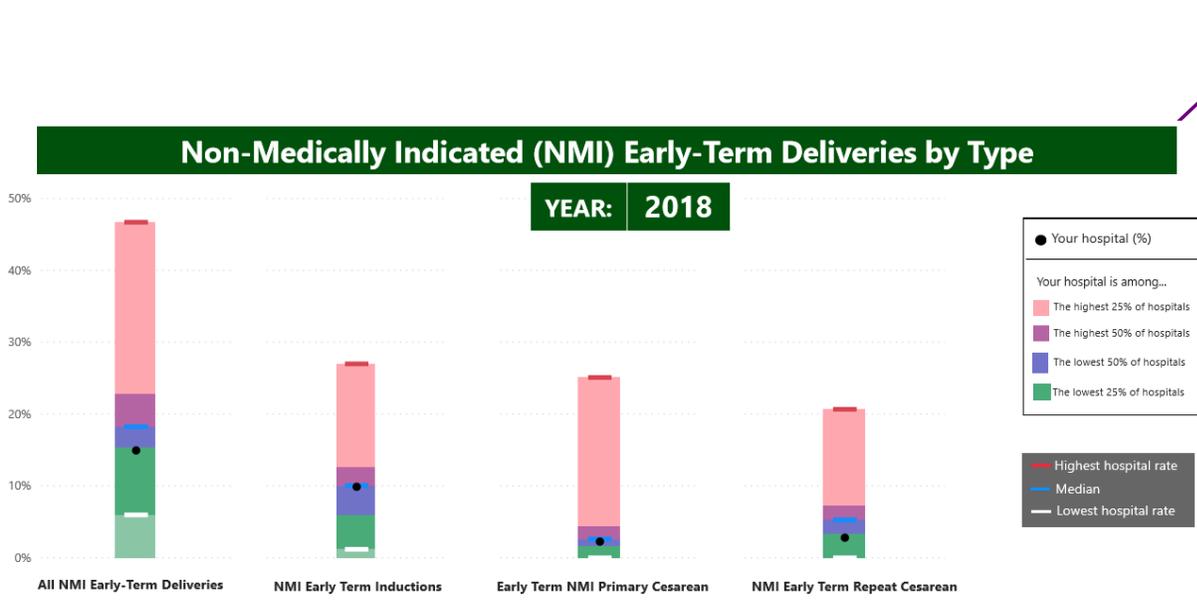
- a. If your hospital % falls in the red color-coded area: your hospital % is among the highest 25% birthing hospitals in the state
- b. If your hospital % falls in the green color-coded area - your hospital % is among the lowest 25% birthing hospitals in the state

**Given that indicators in this report depict poor maternal and infant outcomes, higher rates are worse and lower rates are better.**

4. Determine if your hospital is higher or lower than the median; or the highest or lowest rate in the state by looking at the blue, red and white lines (please refer to the legends next to your graphs)

# HOW TO INTERPRET GRAPHS IN YOUR REPORT

Some indicators are further explored "by type" to give you a better idea of where your opportunities for improvement may be. These sets of sub-indicators are calculated for the latest single year of data available. To interpret:



**1. Identify the indicator** in the title of the graph **and the single year of data included**

**2. The black dot always represents your hospital percent for the year given**

**3. Find out how your hospital compares to others by looking at the color coded areas, e.g.:**

- a. If your hospital % falls in the red color-coded area: your hospital % is among the highest 25% birthing hospitals in the state
- b. If your hospital % falls in the green color-coded area - your hospital % is among the lowest 25% birthing hospitals in the state

**4. Determine if your hospital is higher or lower than the median; or the highest or lowest rate in the state by looking at the blue, red and white lines (please refer to the legends next to your graphs)**

● Your hospital (%)

Your hospital is among...

- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

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- Highest hospital rate
- Median
- Lowest hospital rate

**Given that indicators in this report depict poor maternal and infant outcomes, higher rates are worse and lower rates are better.**

# Hospital Profile

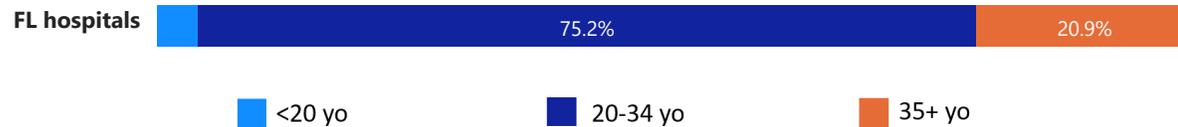
## Maternal Race / Ethnicity



## Payer



## Maternal Age



## # Births

2021  
189736

### BIRTH YEAR

- 2016
- 2017
- 2018
- 2019
- 2020
- 2021

### NICU LEVEL

- 1
- 2
- 3

### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

### Payor

- Medicaid
- Private
- Self-Pay

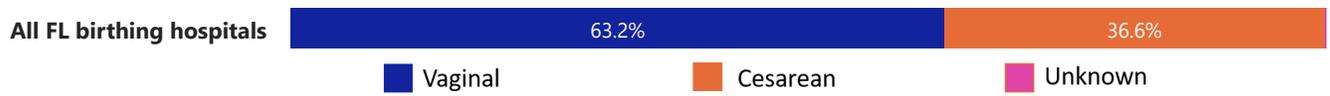
## Prior Live Births



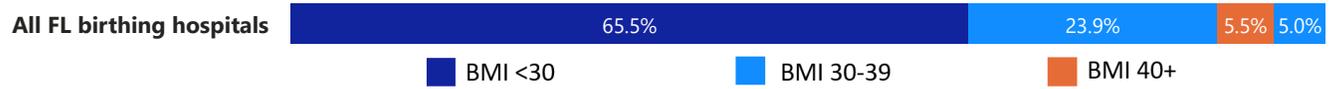
## Fetal Presentation



## Method of Delivery



## Prepregnancy BMI



### BIRTH YEAR

- 2016
- 2017
- 2018
- 2019
- 2020
- 2021

### NICU LEVEL

- 1
- 2
- 3

### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

### Payor

- Medicaid
- Private
- Self-Pay

## Gestational Age



## Birth Weight Distributions



## Multiple Gestation



### BIRTH YEAR

- 2016
- 2017
- 2018
- 2019
- 2020
- 2021

### NICU LEVEL

- 1
- 2
- 3

### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

### Payor

- Medicaid
- Private
- Self-Pay

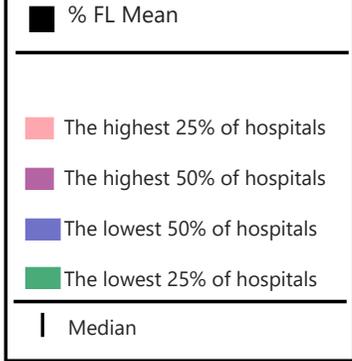
# PQI SUMMARY DASHBOARD

TC

Last 12 months of available data

% FL Delivery Hospitals (mean)

Data Quality Issue



### NICU LEVEL

- 1
- 2
- 3

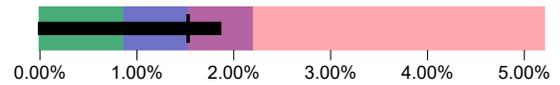
### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

### Payor

- Medicaid
- Private
- Self-Pay

% of Severe Maternal Morbidity



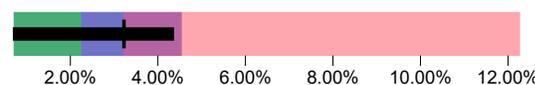
1.87%

% of Severe Maternal Morbidity excluding blood transfusions



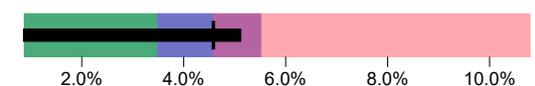
0.93%

% of Severe Hypertension - Preeclampsia



4.36%

% of Obstetric Hemorrhage



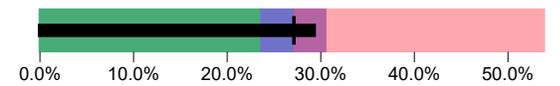
5.1%

% Neonatal Abstinence Syndrome

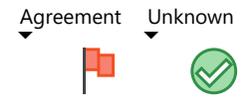


0.7%

% of NTSV Cesareans



29.4%



# PQI SUMMARY DASHBOARD

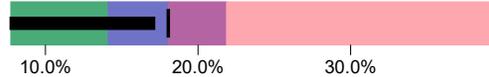
TC

Last 12 months of available data

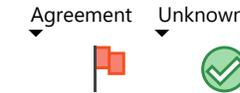
% FL Delivery Hospitals (mean)

Data Quality Issue

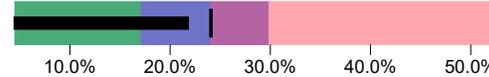
% Non-medically Indicated Early-term Deliveries



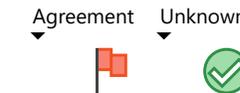
17.2%



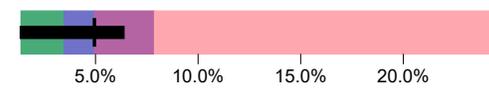
% Non-Medically Indicated Induction of Labor Among Singleton, Vertex Births at 39-40 Weeks of Gestation



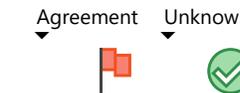
21.8%



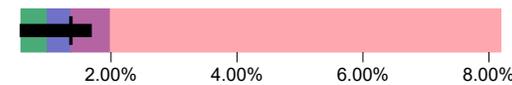
% Cesarean Among Singleton, Vertex, Non-Medically Indicated Inductions at 39-40 Weeks of Gestation



6.4%



% Severe unexpected complication of the newborn

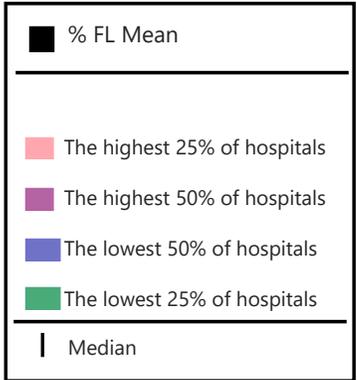


1.79%

% Mod. unexpected complication of the newborn



2.51%



## NICU LEVEL

- 1
- 2
- 3

## Race-ethnicity

- NH-White
- NH-Black
- Hispanic

## Payor

- Medicaid
- Private
- Self-Pay

Data Source: Linked Birth Certificate to Hospital Discharge

# DATA QUALITY DASHBOARD

## % Unknown/Missing in the Birth Certificate

		2016	2017	2018	2019	2020	2021	
<b>Maternal Characteristics</b>	Maternal race							0.97%
	Maternal ethnicity							1.05%
	Insurance							0.52%
<b>Risk Factors</b>	BMI							4.98%
	Prior live births dead							1.38%
	Prior live births living							0.46%
	Plurality							0.04%
	Gestational age							0.00%
<b>Delivery</b>	Fetal presentation							0.72%
	Delivery route							0.14%

  $\geq 5\%$  unknown    
  1.1-4.9% unknown    
   $\leq 1\%$  unknown

# DATA QUALITY DASHBOARD

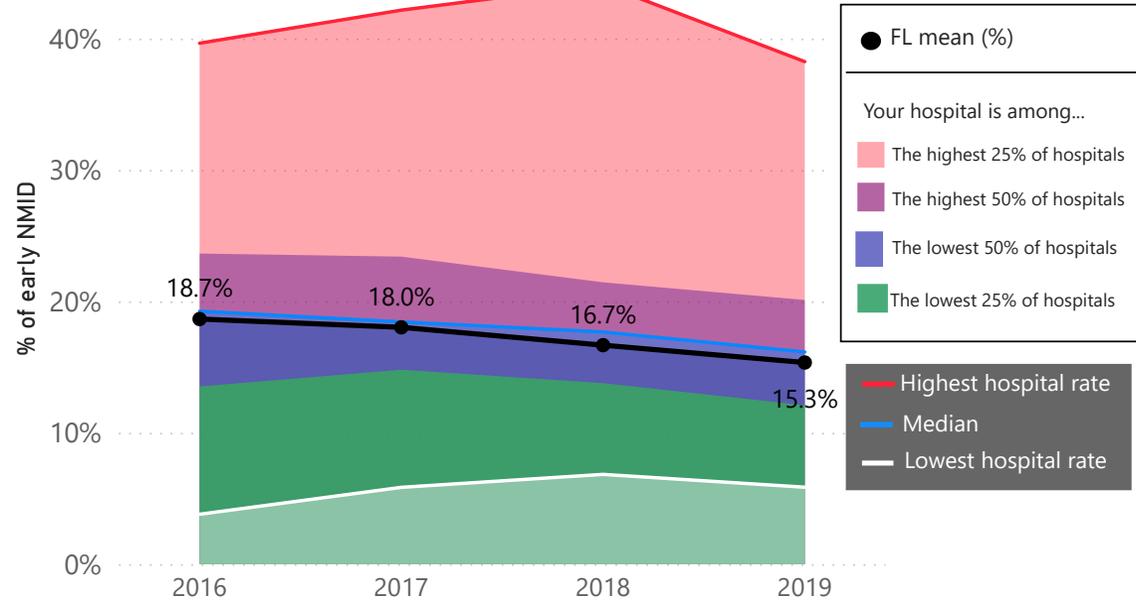
Assess if data reported in the birth certificate agrees with data reported in the inpatient hospital discharge dataset

## % Agreement in the Linked File

		2016	2017	2018	2019
<b>Maternal Characteristics</b>	Maternal race				 86%
	Maternal ethnicity				 87%
	Payer				 86%
<b>Risk Factors</b>	Singleton				 99%
	Born at term				 96%
	Not in vertex position				 96%
<b>Delivery</b>	Cesarean delivery				 95%

 ≤90% agreement  
  90.1-94.9% agreement  
  ≥95% agreement

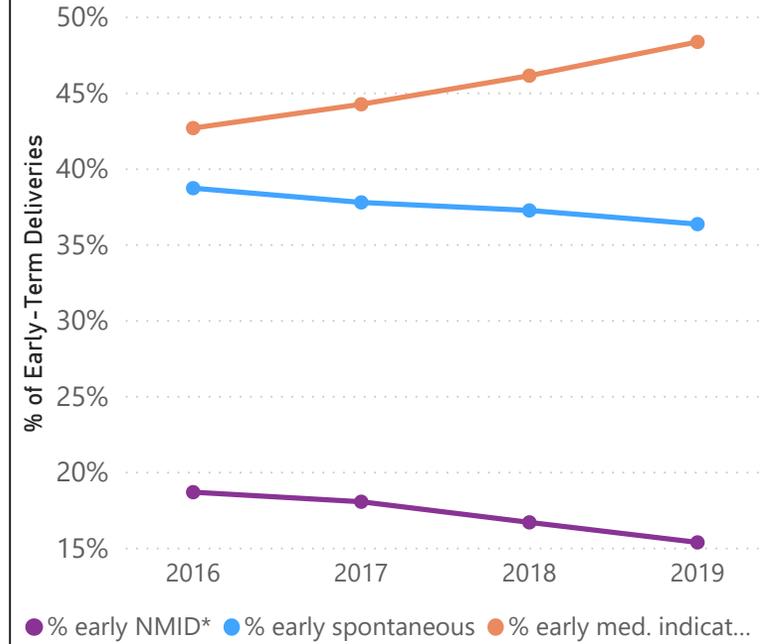
## % Non-medically Indicated Early-term Deliveries For All Delivery Hospitals in Florida



### All delivery Hospitals

	2016	2017	2018	2019
Percent	18.7%	18.0%	16.7%	15.3%
Numerator	9619	9478	8938	7945
Denominator	51565	52588	53634	51778

## % of Early-term Deliveries- FL Delivery Hospitals



### All delivery hospitals

	2016	2017	2018	2019
# Early term deliveries	51565	52588	53634	51778
Early NMID*	18.7%	18.0%	16.7%	15.3%
Early spontaneous	38.7%	37.8%	37.2%	36.3%
Early med. indicated	42.7%	44.2%	46.1%	48.3%

### NICU LEVEL

- 1
- 2
- 3

### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

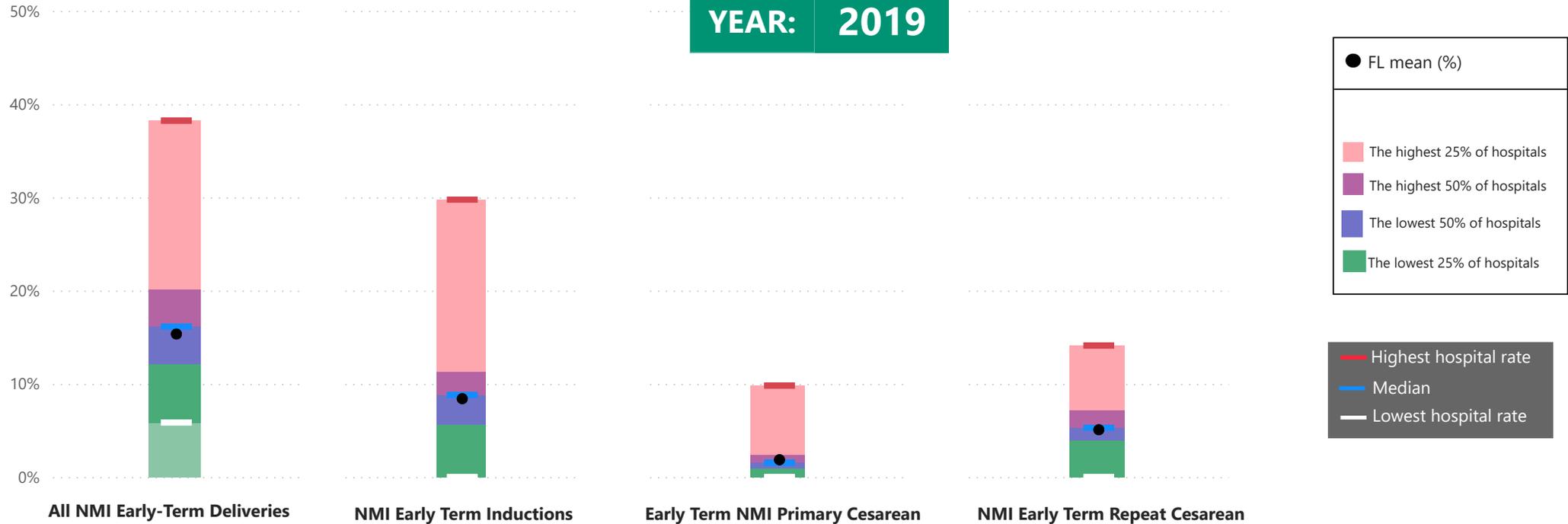
### Payor

- Medicaid
- Private
- Self-Pay

\*NMID : non-medically indicated delivery

# Non-Medically Indicated (NMI) Early-Term Deliveries by Type

**YEAR: 2019**

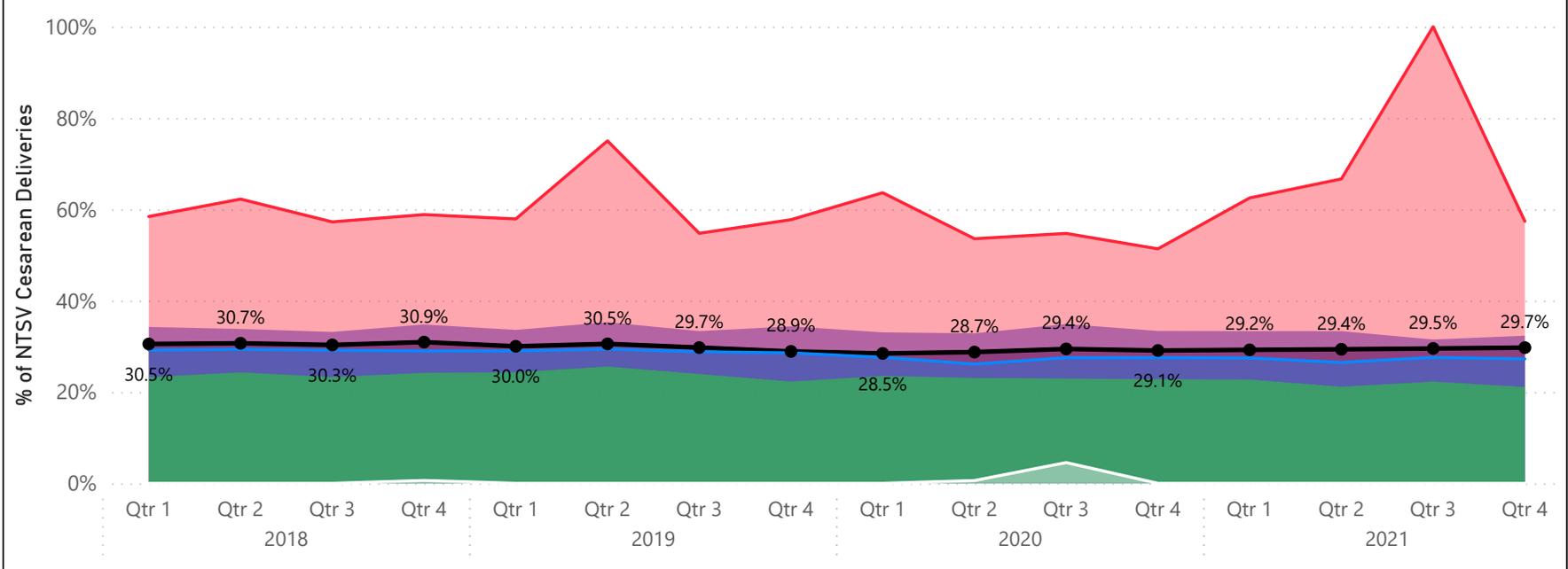


All Delivery Hospitals							
All NMI-Early Term Deliveries		NMI Early-term Induction		NMI Early-term Primary cs		NMID repeat cesarean	
2019		2019		2019		2019	
Percent	15.3%	Percent	8.41%	Percent	1.86%	Percent	5.08%
Numerator	7945	Numerator	4354	Numerator	962	Numerator	2629
Denominator	51778	Denominator	51778	Denominator	51778	Denominator	51778

**Total Early Term Deliveries  
(State-wide Denominator)**

**51778**

## Percentage of Cesarean Deliveries Among All NTSV Births For All Delivery Hospitals in Florida



- FL mean (%)

---

- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

### NICU LEVEL

- 1
- 2
- 3

### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

### Payor

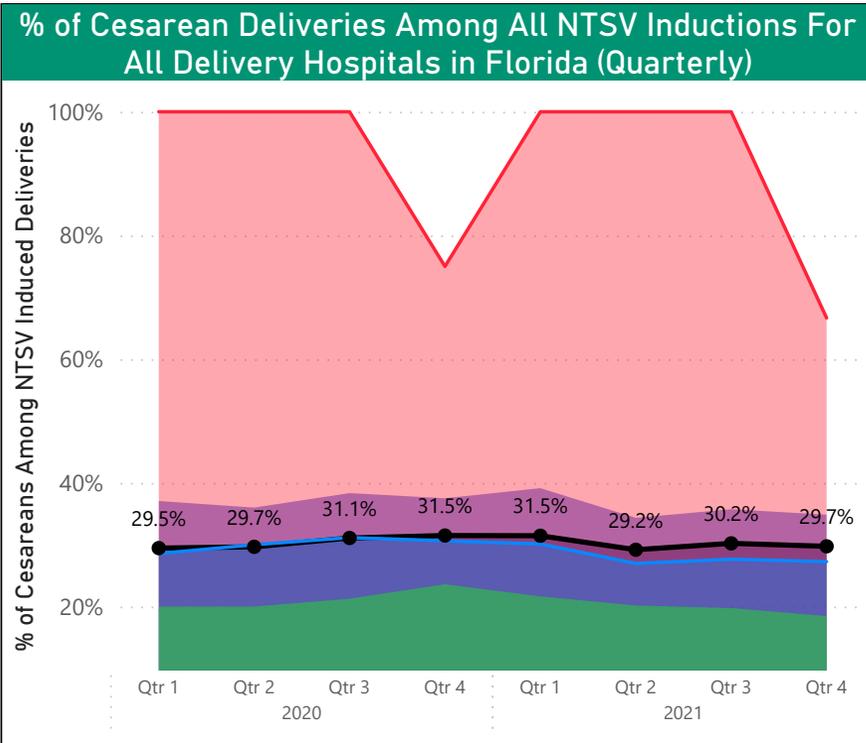
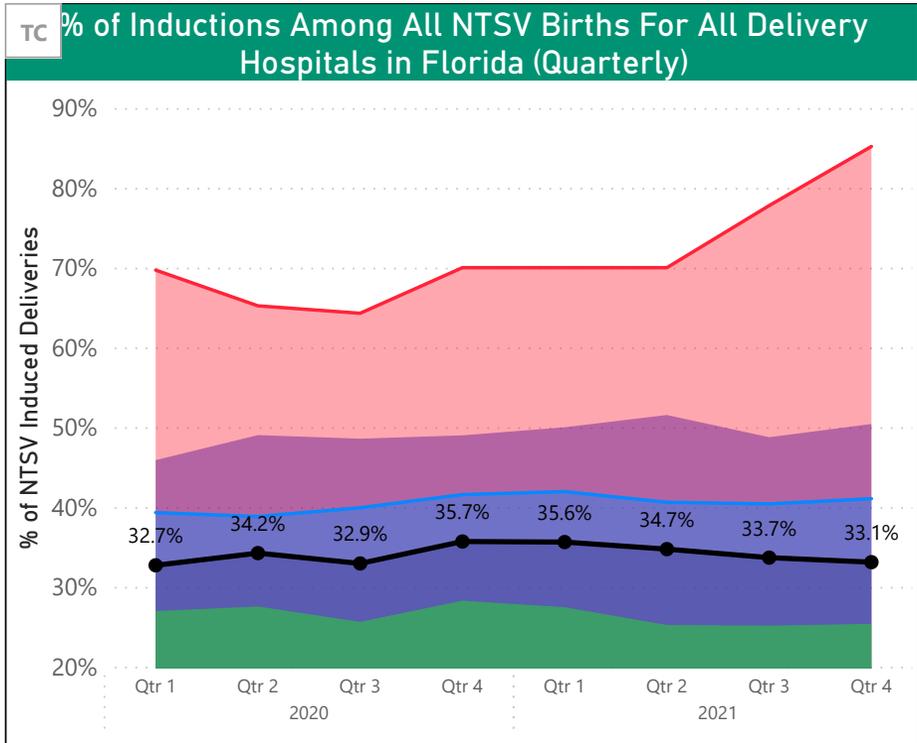
- Medicaid
- Private
- Self-Pay

### DATA QUALITY ISSUE

Agreement ■ Unknown ✓

**Note: Data included on this page is through November 2021**

All delivery Hospitals																
Year	2018				2019				2020				2021			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Percentage	30.5%	30.7%	30.3%	30.9%	30.0%	30.5%	29.7%	28.9%	28.5%	28.7%	29.4%	29.1%	29.2%	29.4%	29.5%	29.7%
Numerator	5312	5099	5592	5718	5138	5129	5574	5292	4861	4779	5277	5165	4739	4865	5611	3777
Denominator	17406	16624	18449	18487	17120	16792	18747	18316	17086	16624	17929	17754	16211	16570	18999	12707



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

- Highest hospital rate
- Median
- Lowest hospital rate

#### NICU LEVEL

- 1
- 2
- 3

#### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

#### Payor

- Medicaid
- Private
- Self-Pay

#### DATA QUALITY ISSUE

- Agreement
- Unknown

**Note: Data included on this page is through November 2021**

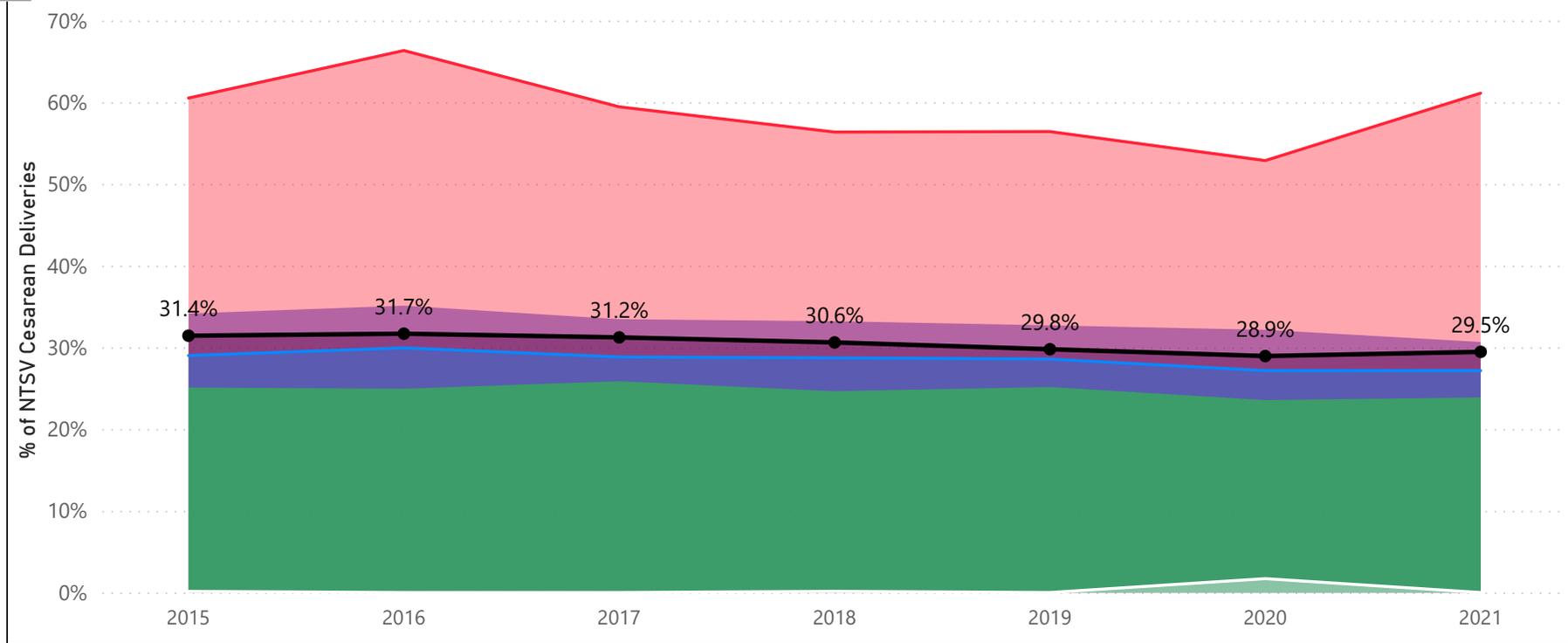
#### All delivery Hospitals

Year	2020				2021			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Percentage	32.7%	34.2%	32.9%	35.7%	35.6%	34.7%	33.7%	33.1%
Numerator	5588	5691	5905	6336	5774	5755	6396	4206
Denominator	17086	16624	17929	17754	16211	16570	18999	12707

#### All delivery Hospitals

Year	2020				2021			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Percentage	29.5%	29.7%	31.1%	31.5%	31.5%	29.2%	30.2%	29.7%
Numerator	1646	1688	1836	1995	1816	1680	1933	1251
Denominator	5588	5691	5905	6336	5774	5755	6396	4206

**TC Percentage of Cesarean Deliveries Among All NTSV Births For All Delivery Hospitals in Florida**



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

- Highest hospital rate
- Median
- Lowest hospital rate

**NICU LEVEL**

- 1
- 2
- 3

**Race-ethnicity**

- NH-White
- NH-Black
- Hispanic

**Payor**

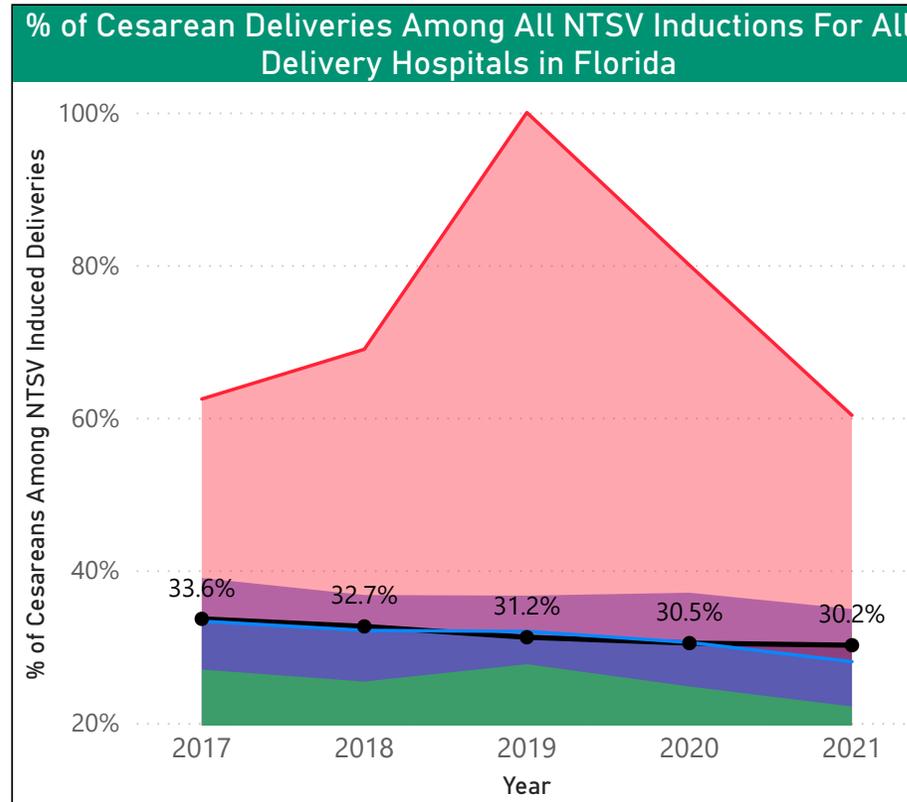
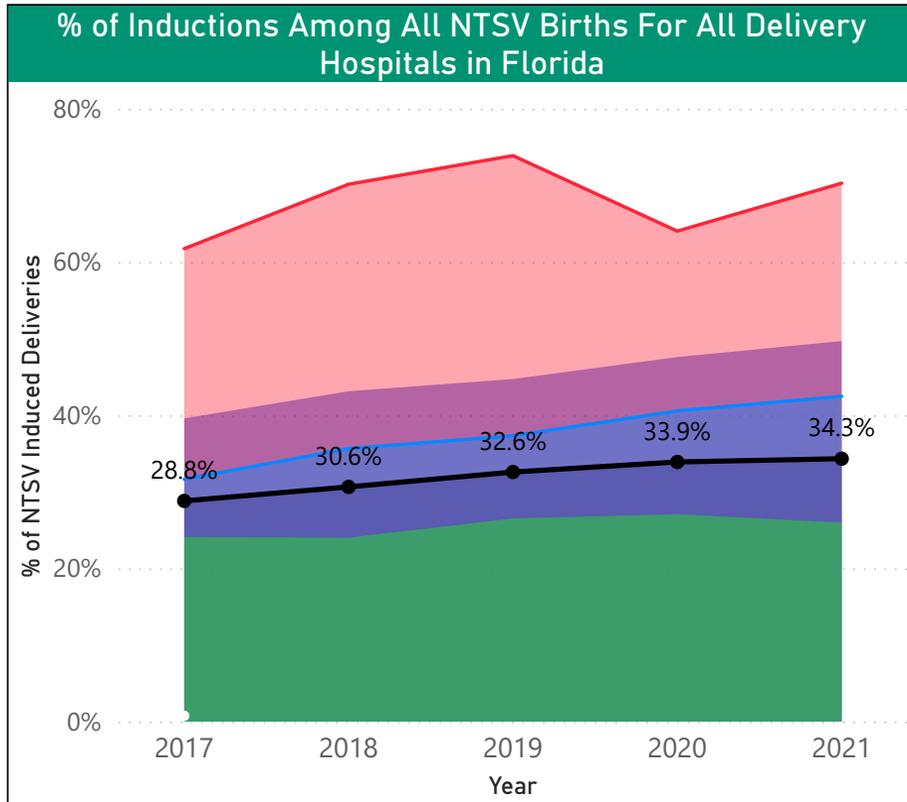
- Medicaid
- Private
- Self-Pay

**DATA QUALITY ISSUE**

Agreement ✔      Unknown ❌

**Note: Data included on this page is through November 2021**

All delivery Hospitals							
	2015	2016	2017	2018	2019	2020	2021
Percentage	31.4%	31.7%	31.2%	30.6%	29.8%	28.9%	29.5%
Numerator	22720	22721	22318	21721	21133	20082	18992
Denominator	72287	71726	71479	70966	70975	69393	64487



● FL mean (%)

- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

- Highest hospital rate
- Median
- Lowest hospital rate

#### DATA QUALITY ISSUE

Agreement  Unknown

✓

#### NICU LEVEL

- 1
- 2
- 3

#### Race - ethnicity

- NH-White
- NH-Black
- Hispanic

#### Payor

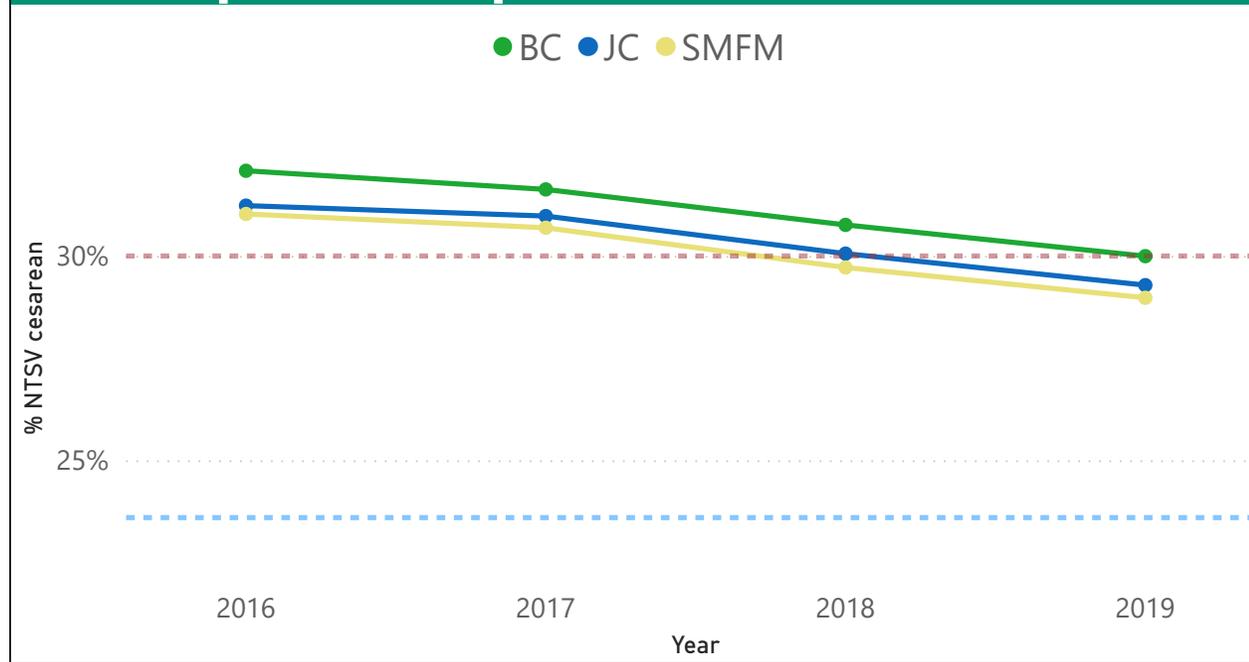
- Medicaid
- Private
- Self-Pay

**Note: Data included on this page is through November 2021**

All delivery Hospitals					
	2017	2018	2019	2020	2021
Percentage	28.8%	30.6%	32.6%	33.9%	34.3%
Numerator	20591	21742	23121	23520	22131
Denominator	71479	70966	70975	69393	64487

All delivery Hospitals					
	2017	2018	2019	2020	2021
Percentage	33.6%	32.7%	31.2%	30.5%	30.2%
Numerator	6927	7099	7221	7165	6680
Denominator	20591	21742	23121	23520	22131

# FL Hospitals Comparative NTSV Cesarean Rate



**Race-ethnicity**

- NH-White
- NH-Black
- Hispanic

**DATA QUALITY ISSUE**

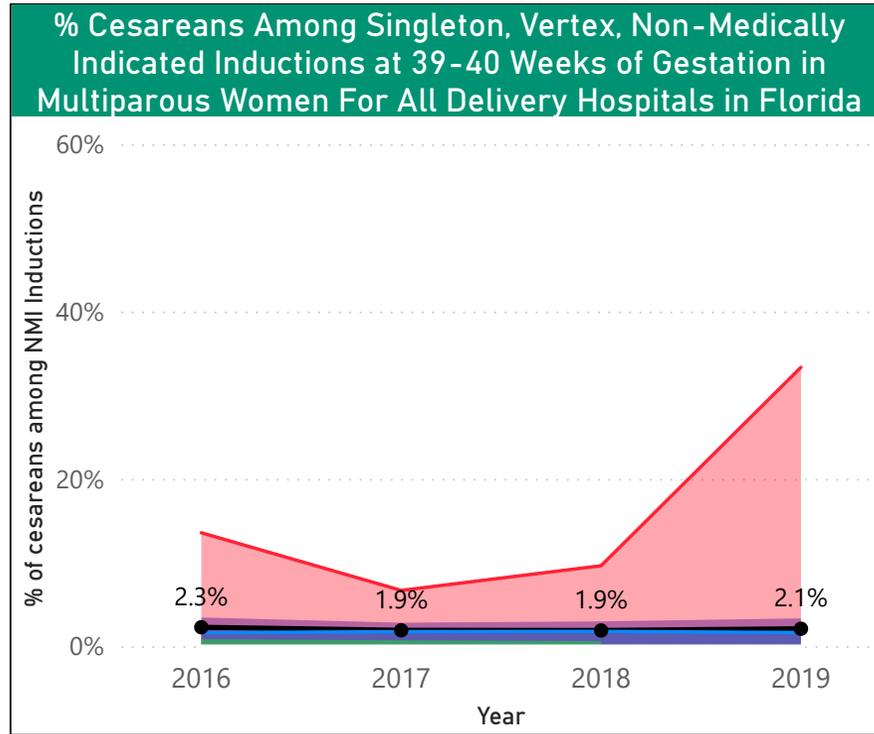
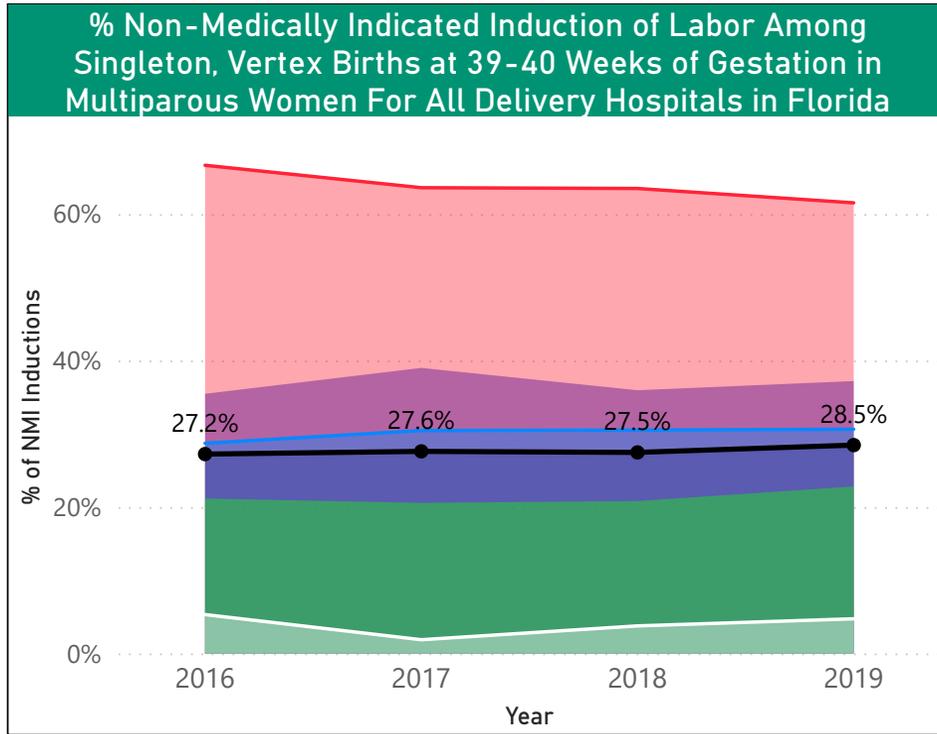
Agreement  Unknown

**NTSV cesarean rates calculated by using:**

1. Birth certificate data only (BC);
2. Birth certificate and inpatient hospital discharge data for The Joint Commission (JC) measure or for the Society for Maternal Fetal Medicine (SMFM) measures.

	2016	2017	2018	2019
NTSV cs rate - BC	32.1%	31.6%	30.8%	30.0%
NTSV cs rate - JC	31.2%	31.0%	30.1%	29.3%
NTSV cs rate - MFM	31.0%	30.7%	29.7%	29.0%



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

- Highest hospital rate
- Median
- Lowest hospital rate

#### NICU LEVEL

- 1
- 2
- 3

#### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

#### Payor

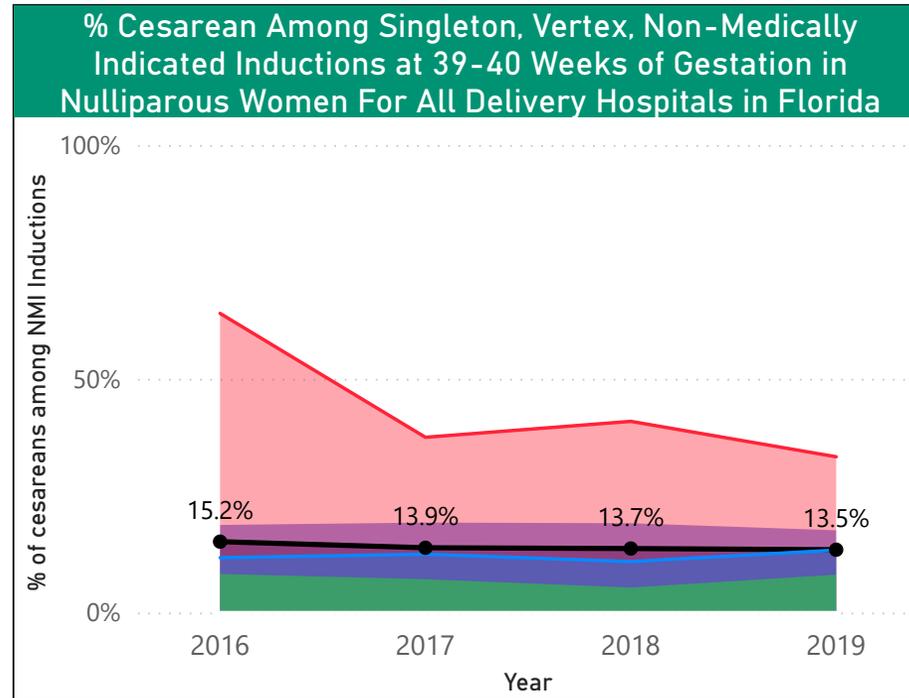
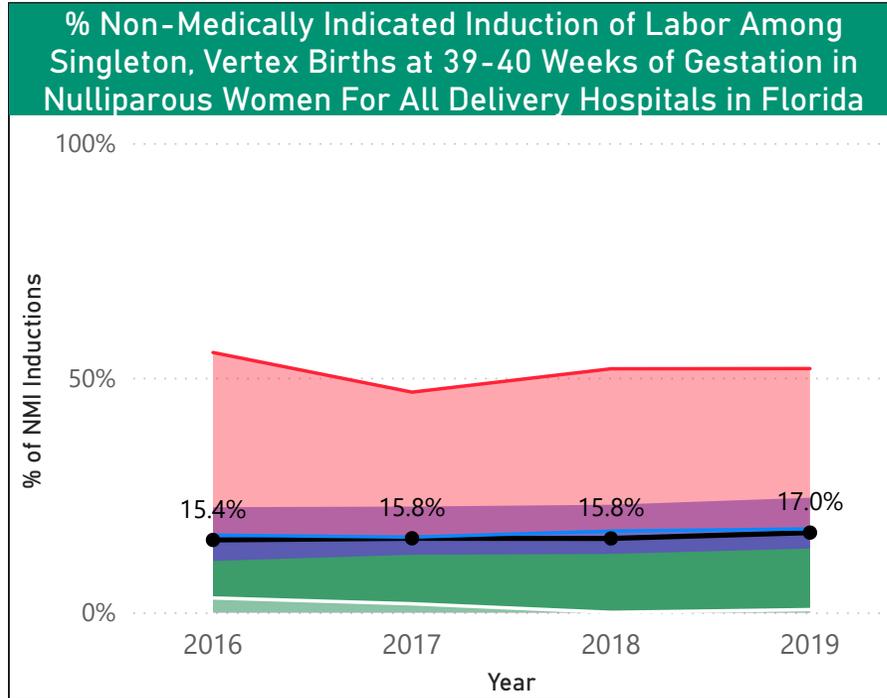
- Medicaid
- Private
- Self-Pay

#### DATA QUALITY ISSUE

- Agreement
- Unknown

All Delivery Hospitals				
	2016	2017	2018	2019
Percent	27.2%	27.6%	27.5%	28.5%
Numerator	11710	11729	11542	10988
Denominator	43005	42501	42038	38614

All Delivery Hospitals				
	2016	2017	2018	2019
Percent	2.3%	1.9%	1.9%	2.1%
Numerator	265	223	217	229
Denominator	11710	11729	11542	10988



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

**NICU LEVEL**

- 1
- 2
- 3

**Race-ethnicity**

- NH-White
- NH-Black
- Hispanic

**Payor**

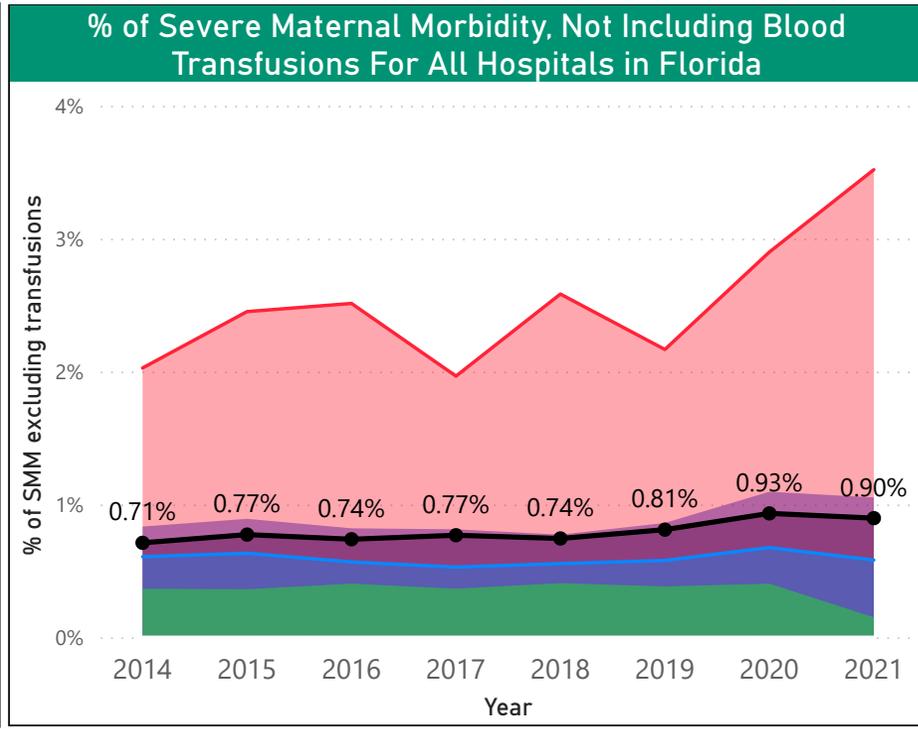
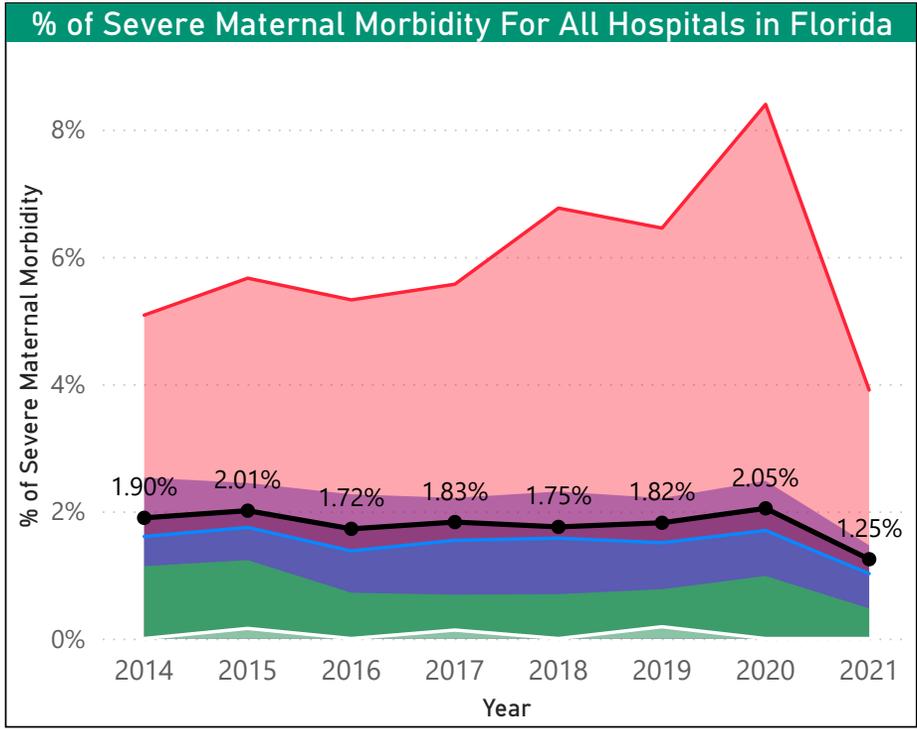
- Medicaid
- Private
- Self-Pay

**DATA QUALITY ISSUE**

- Agreement
- Unknown

All Delivery Hospitals				
	2016	2017	2018	2019
Percent	15.4%	15.8%	15.8%	17.0%
Numerator	6489	6559	6353	6853
Denominator	42054	41553	40334	40330

All Delivery Hospitals				
	2016	2017	2018	2019
Percent	15.2%	13.9%	13.7%	13.5%
Numerator	985	910	871	922
Denominator	6489	6559	6353	6853



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

**Note: Data on this page is included through Q1 2021**

#### NICU LEVEL

- 1
- 2
- 3

#### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

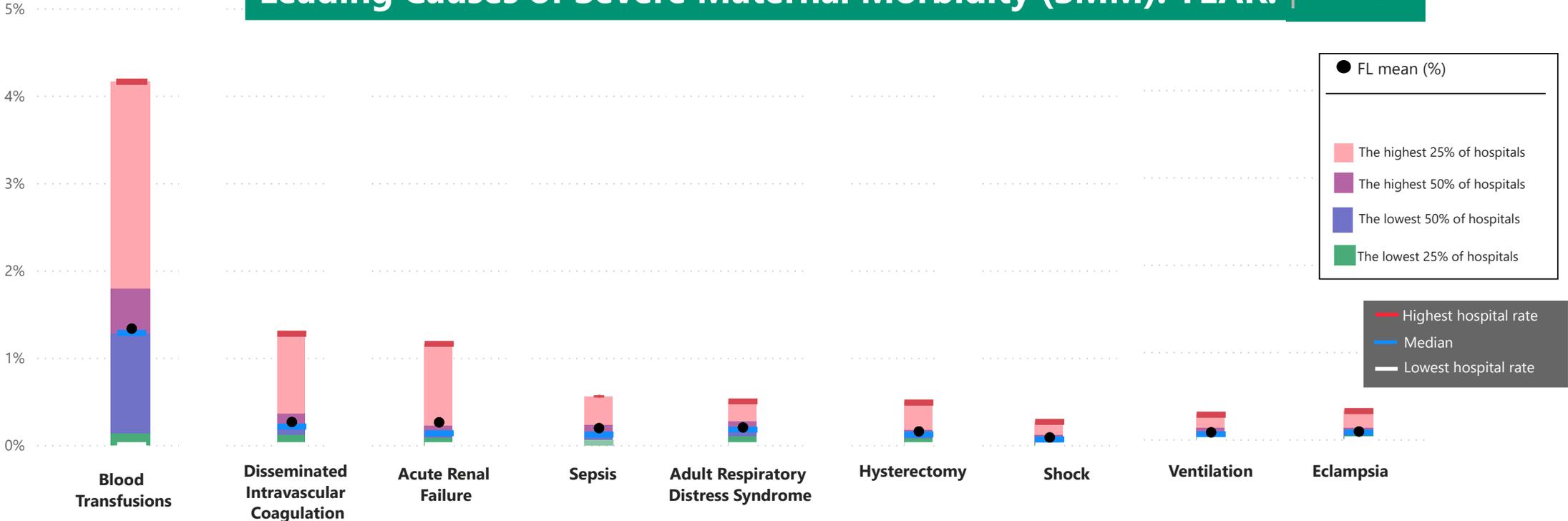
#### Payor

- Medicaid
- Private

All delivery Hospitals								
	2014	2015	2016	2017	2018	2019	2020	2021
Percent	1.90%	2.01%	1.72%	1.83%	1.75%	1.82%	2.05%	1.25%
Numerator	3908	4225	3658	3842	3694	3829	4114	598
Denominator	205976	210204	21214	209834	210520	210389	201014	47946

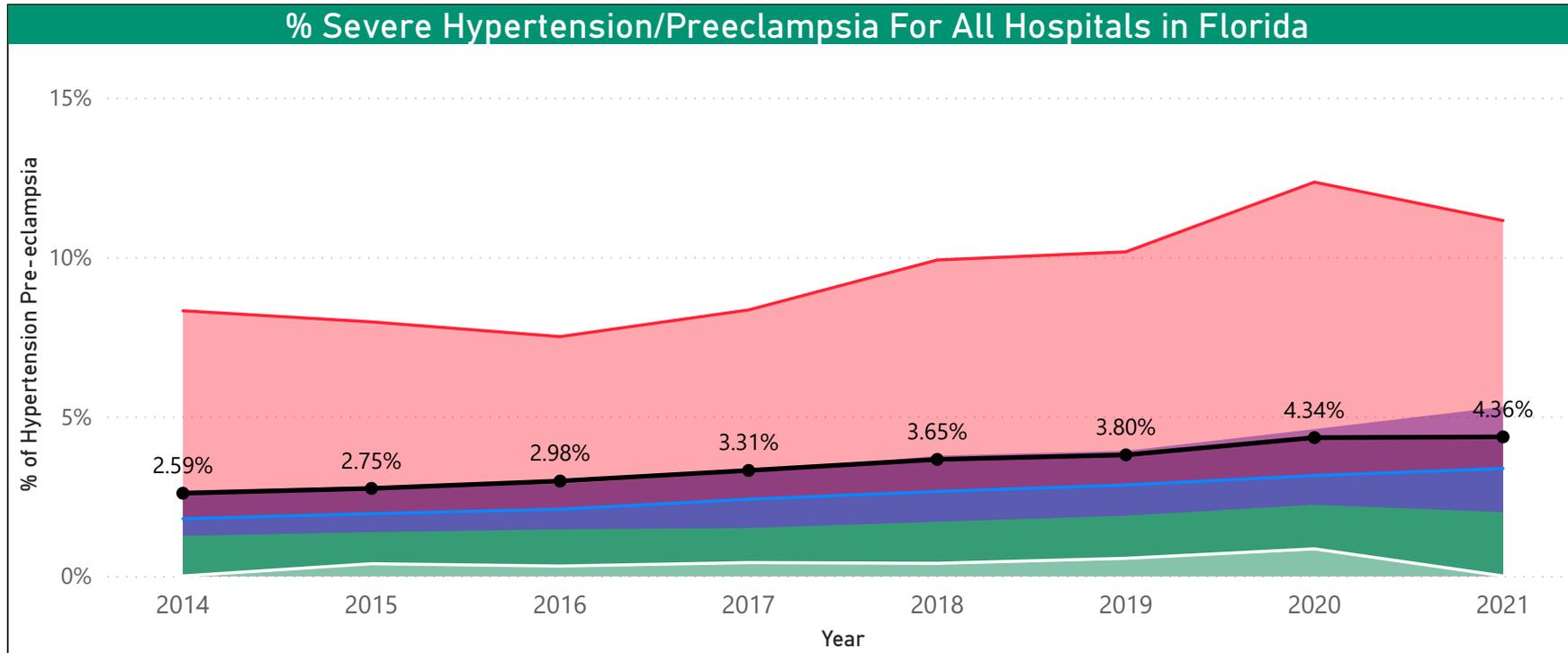
All delivery Hospitals								
	2014	2015	2016	2017	2018	2019	2020	2021
Percent	0.71%	0.77%	0.74%	0.77%	0.74%	0.81%	0.93%	0.90%
Numerator	1465	1625	1566	1612	1566	1705	1875	430
Denominator	205976	210204	21214	209834	210520	210389	201014	47946

# Leading Causes of Severe Maternal Morbidity (SMM). YEAR: 2020



FL Hospitals									
Blood Transfusions	DIC	Renal	Sepsis	ARDS	Hysterectomy	Shock	Ventilation	Eclampsia	
2020		2020		2020		2020		2020	
% BT	1.55%	%	0.27%	%	0.25%	%	0.18%	%	0.19%
BT numerator	1728	N	299	N	284	N	205	N	213
BT denominator	111716	D	111716	D	111716	D	111716	D	111716

# of Women with SMM (all hospitals denominator)  
138091



- FL mean (%)

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- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals

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- Highest hospital rate
- Median
- Lowest hospital rate

**Note: Data on this page is included through Q1 2021**

**NICU LEVEL**

- 1
- 2
- 3

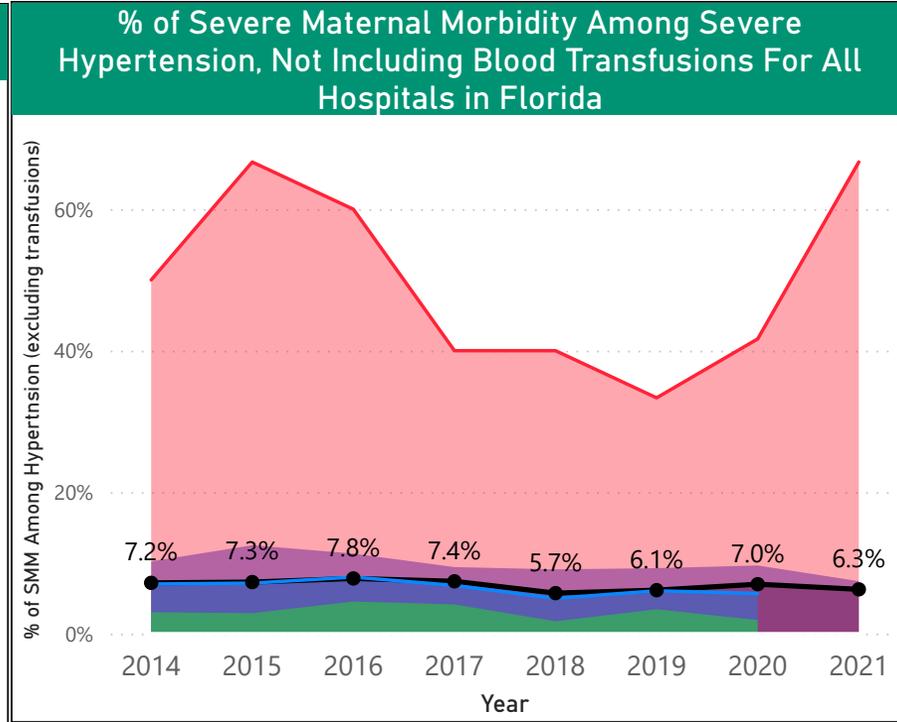
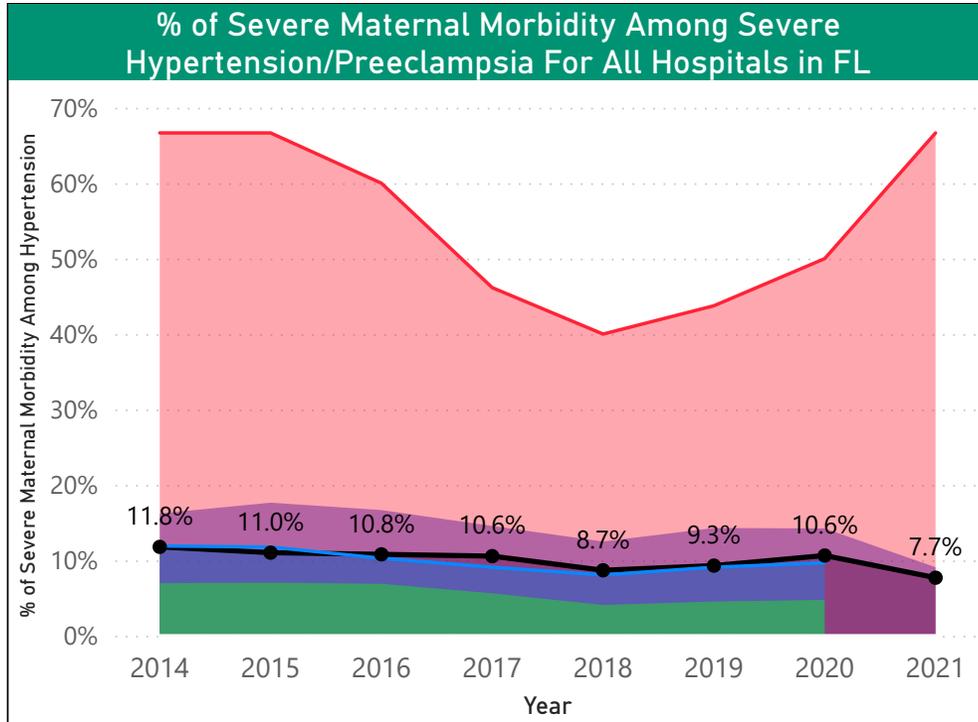
**Race-ethnicity**

- NH-White
- NH-Black
- Hispanic

**Payor**

- Medicaid
- Private

All delivery Hospitals								
	2014	2015	2016	2017	2018	2019	2020	2021
Percent	2.59%	2.75%	2.98%	3.31%	3.65%	3.80%	4.34%	4.36%
Numerator	5345	5772	6316	6942	7693	7986	8720	2091
Denominator	205976	210204	21214	209834	210520	210389	201014	47946



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

**Note: Data on this page is included through Q1 2021**

#### NICU LEVEL

- 1
- 2
- 3

#### Race-ethnicity

- NH-White
- NH-Black
- Hispanic

#### Payor

- Medicaid
- Private

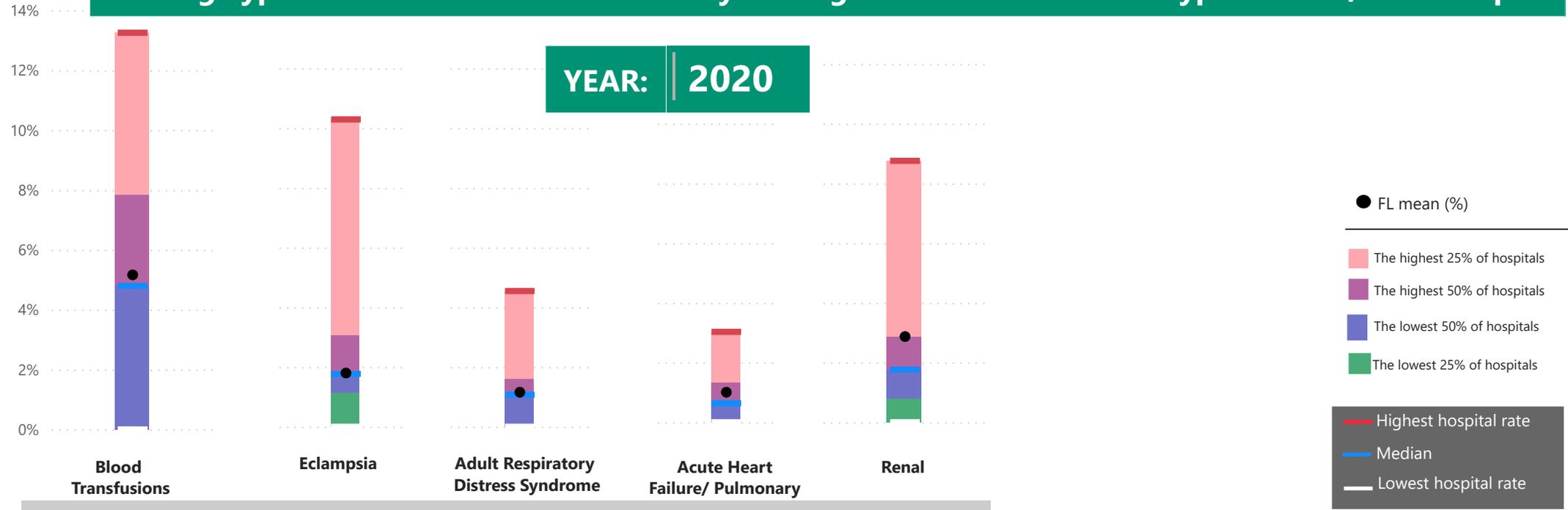
#### All delivery Hospitals

	2014	2015	2016	2017	2018	2019	2020	2021
Percent	11.8%	11.0%	10.8%	10.6%	8.7%	9.3%	10.6%	7.7%
Numerator	630	636	682	733	668	743	928	161
Denominator	5345	5772	6316	6942	7693	7986	8720	2091

#### All delivery Hospitals

	2014	2015	2016	2017	2018	2019	2020	2021
Percent	7.2%	7.3%	7.8%	7.4%	5.7%	6.1%	7.0%	6.3%
Numerator	384	421	493	514	441	491	610	131
Denominator	5345	5772	6316	6942	7693	7986	8720	2091

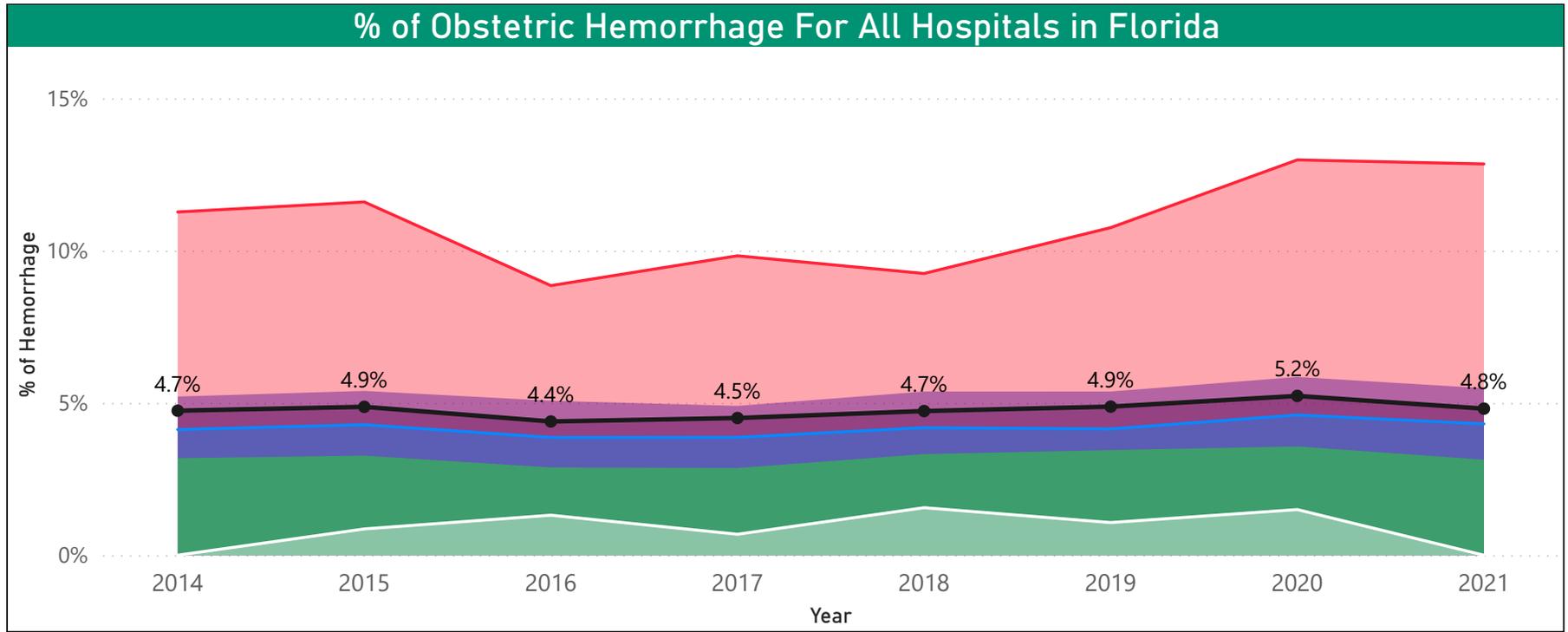
# Leading Types of Severe Maternal Morbidity Among Women With Severe Hypertension/Preeclampsia



FL Hospitals				
Blood Transfusions	Eclampsia	ARDS	Acute Heart Fail	Renal
2020				
% BT	%	%	%	%
BT numerator	N	N	N	N
BT denominator	D	D	D	D
5.2%	1.80%	1.16%	1.01%	2.87%
313	109	70	61	174
6059	6059	6059	6059	6059

**Women with Severe Hypertension  
(all hospitals denominator)**

**6059**



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

**Note: Data on this page is included through Q1 2021**

**NICU LEVEL**

1

2

3

**Race-ethnicity**

NH-White

NH-Black

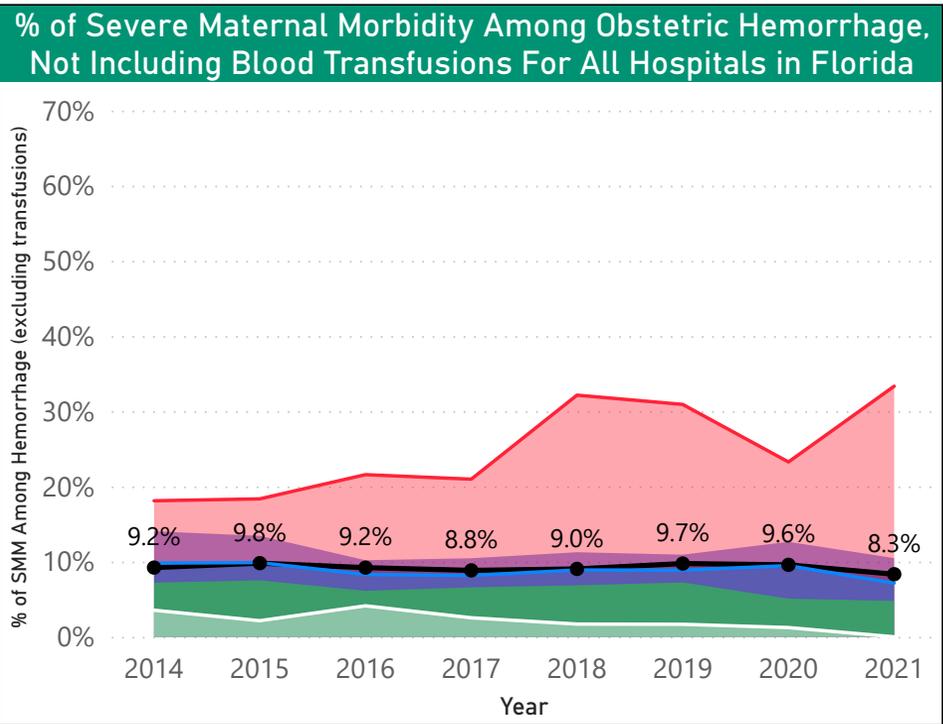
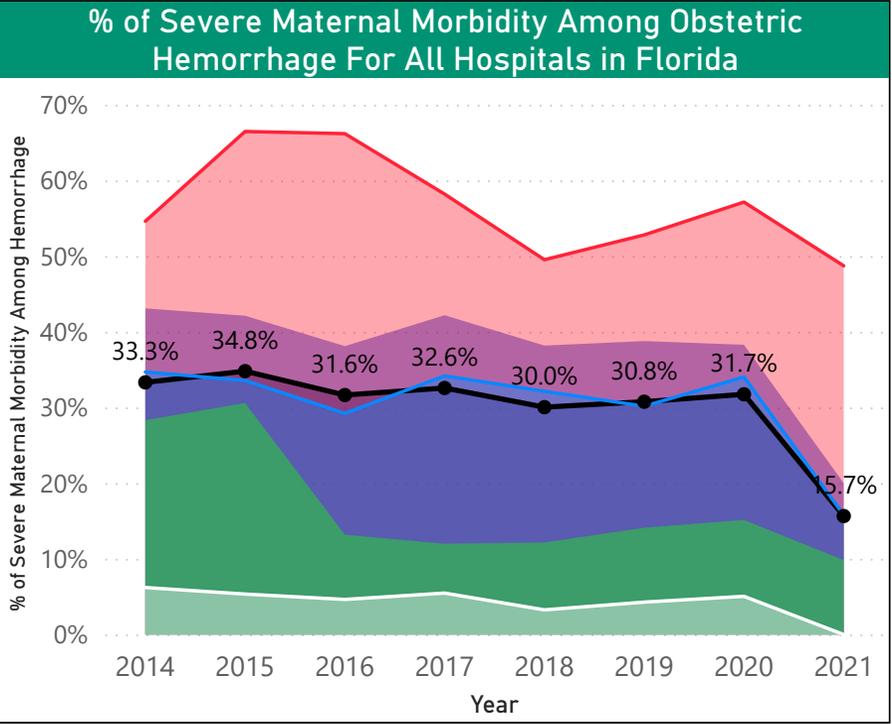
Hispanic

**Payor**

Medicaid

Private

All delivery Hospitals								
	2014	2015	2016	2017	2018	2019	2020	2021
Percent	4.7%	4.9%	4.4%	4.5%	4.7%	4.9%	5.2%	4.8%
Numerator	9771	10240	9313	9450	9963	10261	10512	2307
Denominator	205976	210204	21214	209834	210520	210389	201014	47946
			7					



- FL mean (%)
- The highest 25% of hospitals
- The highest 50% of hospitals
- The lowest 50% of hospitals
- The lowest 25% of hospitals
- Highest hospital rate
- Median
- Lowest hospital rate

**Note: Data on this page is included through Q1 2021**

#### All delivery Hospitals

	2014	2015	2016	2017	2018	2019	2020	2021
Percent	33.3%	34.8%	31.6%	32.6%	30.0%	30.8%	31.7%	15.7%
Numerator	2073	2280	1819	1983	1843	1976	2079	220
Denominator	6222	6551	5748	6087	6134	6423	6549	1405

#### All delivery Hospitals

	2014	2015	2016	2017	2018	2019	2020	2021
Percent	9.2%	9.8%	9.2%	8.8%	9.0%	9.7%	9.6%	8.3%
Numerator	573	642	529	538	554	626	627	117
Denominator	6222	6551	5748	6087	6134	6423	6549	1405

#### NICU LEVEL

3

#### Race-ethnicity

NH-White

NH-Black

Hispanic

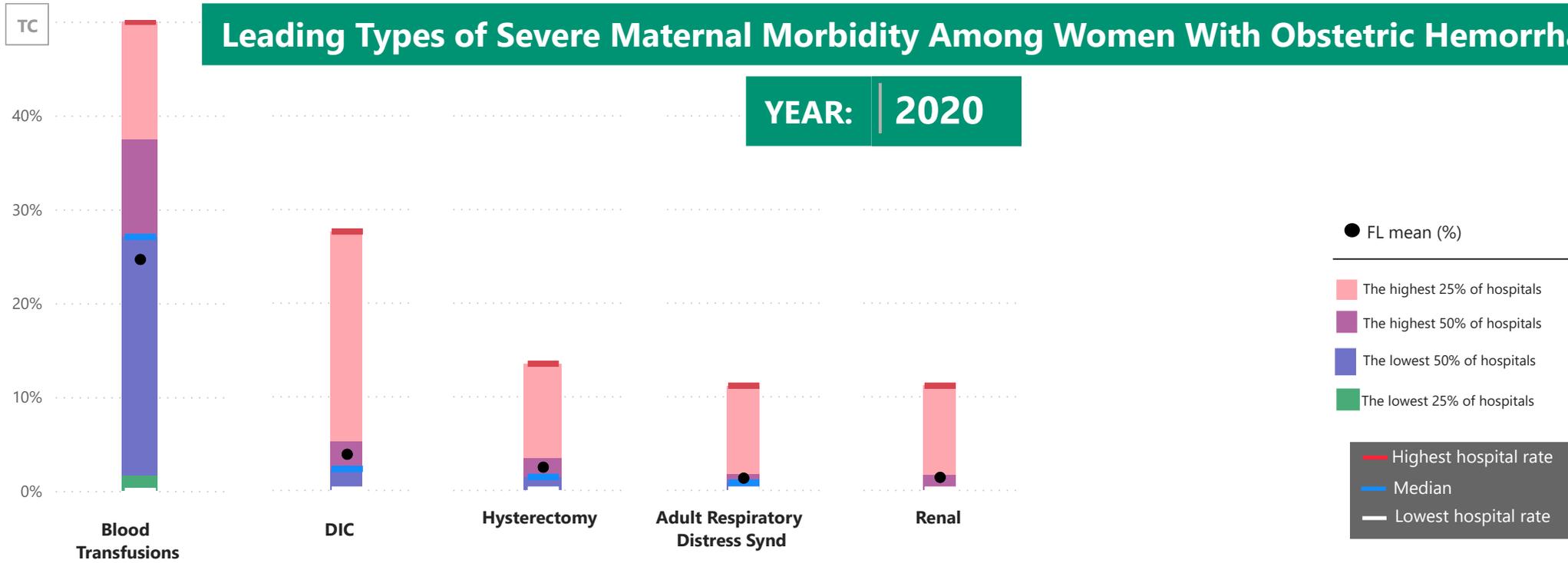
#### Payor

Medicaid

Private

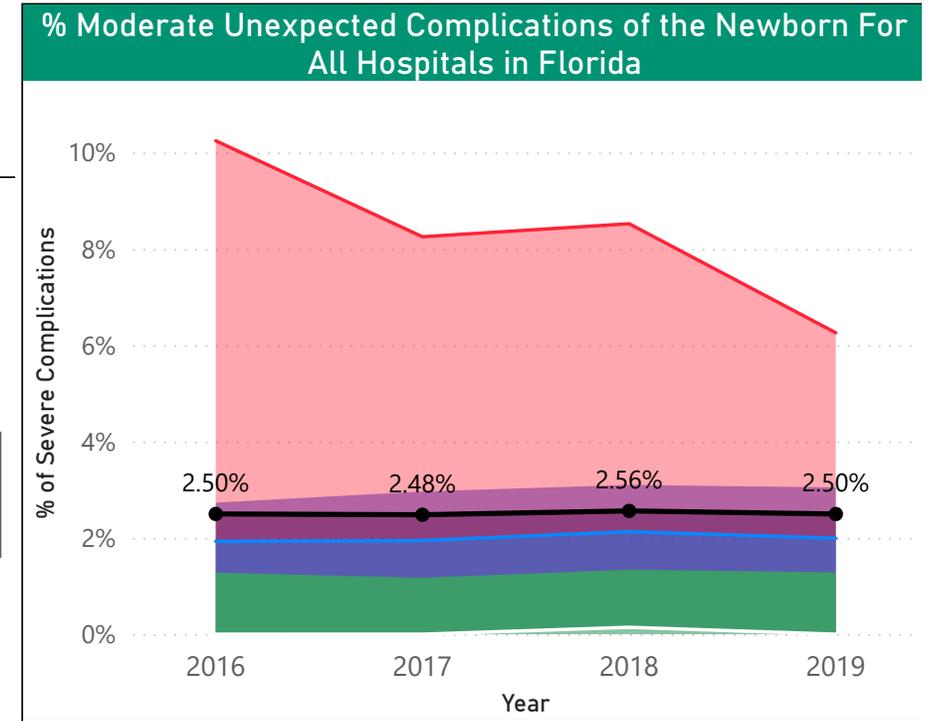
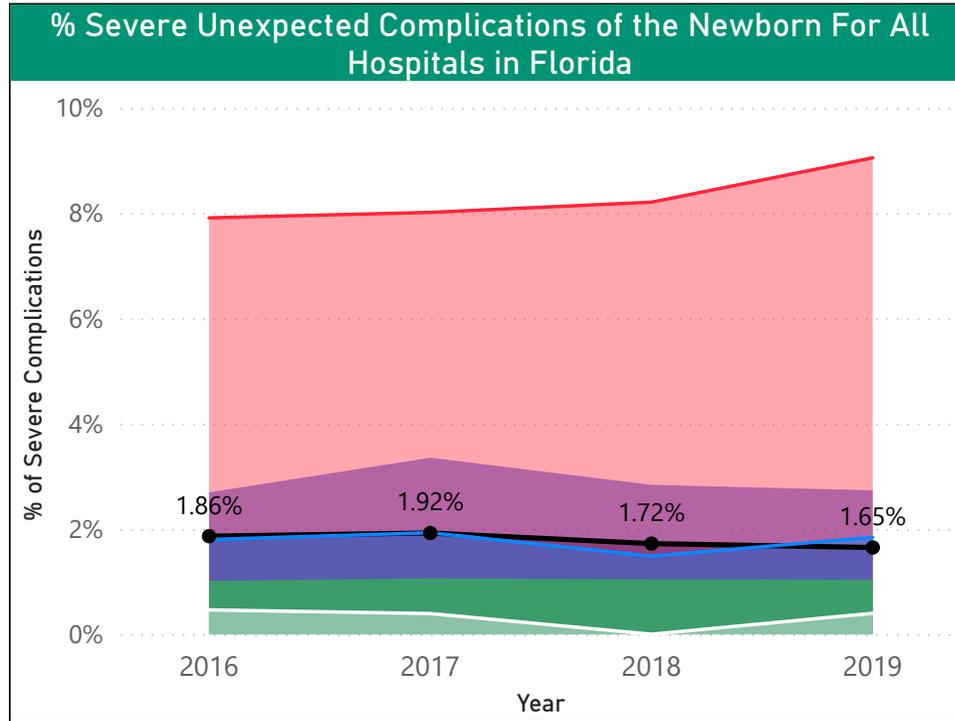
# Leading Types of Severe Maternal Morbidity Among Women With Obstetric Hemorrhage

YEAR: 2020



FL Hospitals					
Blood Transfusions	DIC	Hysterectomy	Renal	ARDS	
2020		2020		2020	
% BT	24.67%	%	3.79%	%	2.41%
BT numerator	2593	N	398	N	139
BT denominator	10512	D	10512	D	10512

# Women with Hemorrhage  
(all hospitals denominator)  
**10512**

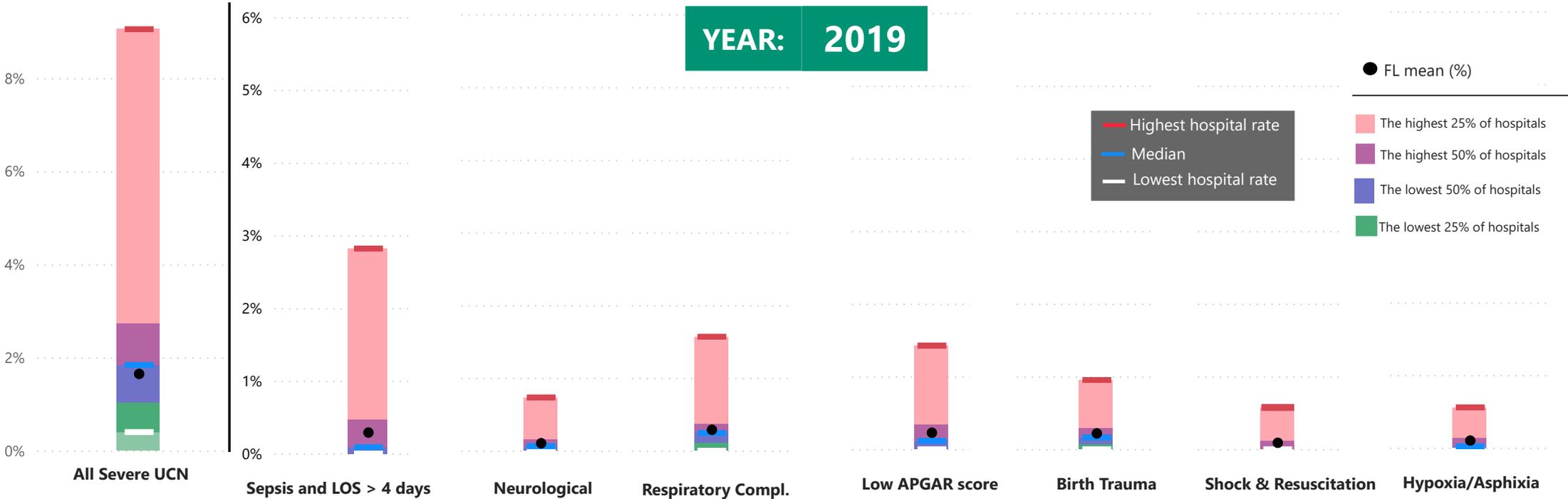


All Delivery Hospitals				
	2016	2017	2018	2019
Percent	1.86%	1.92%	1.72%	1.65%
Numerator	2670	2682	2348	2193
Denominator	143262	139427	136358	13303
				4

All Delivery Hospitals				
	2016	2017	2018	2019
Percent	2.50%	2.48%	2.56%	2.50%
Numerator	3577	3458	3491	3320
Denominator	143262	139427	136358	13303
				4

# Leading Types of Severe Unexpected Newborn Complications (UNC)

**YEAR: 2019**

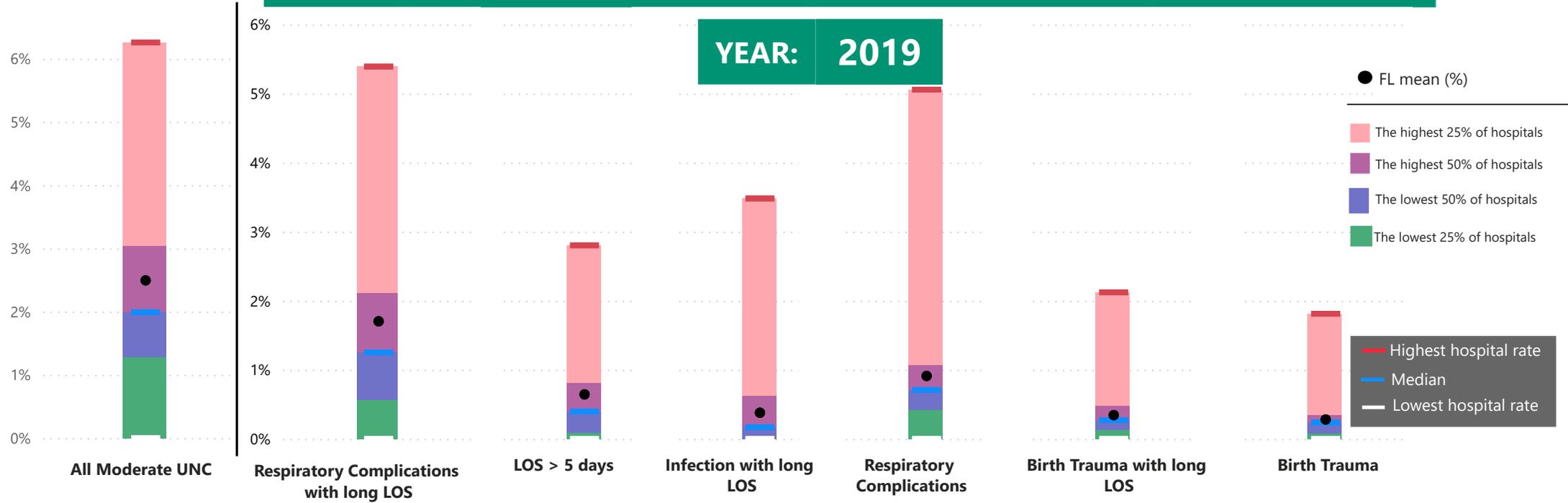


FL Hospitals															
All Severe UNC		Sepsis and LOS > 4d		Neurological		Respiratory Compl.		Low APGAR score		Birth Trauma		Shock & R.		Hypoxia/Asphixia	
2019		2019		2019		2019		2019		2019		2019		2019	
Percent	1.65%	Percent	0.29%	Percent	0.10%	Percent	0.29%	Percent	0.23%	Percent	0.22%	Percent	0.09%	Percent	0.10%
Numerator	2193	Numerator	384	Numerator	135	Numerator	382	Numerator	301	Numerator	289	Numerator	117	Numerator	131
Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034

**Total term Newborns\* (UNC state-wide denominator)**  
**133034**

# Leading Types of Moderate Unexpected Newborn Complications (UNC)

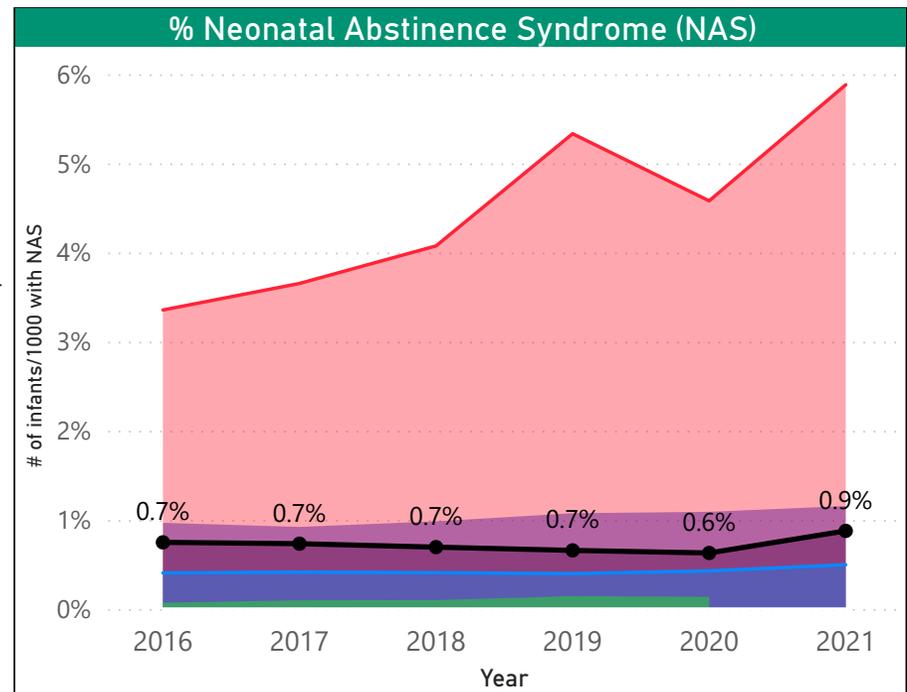
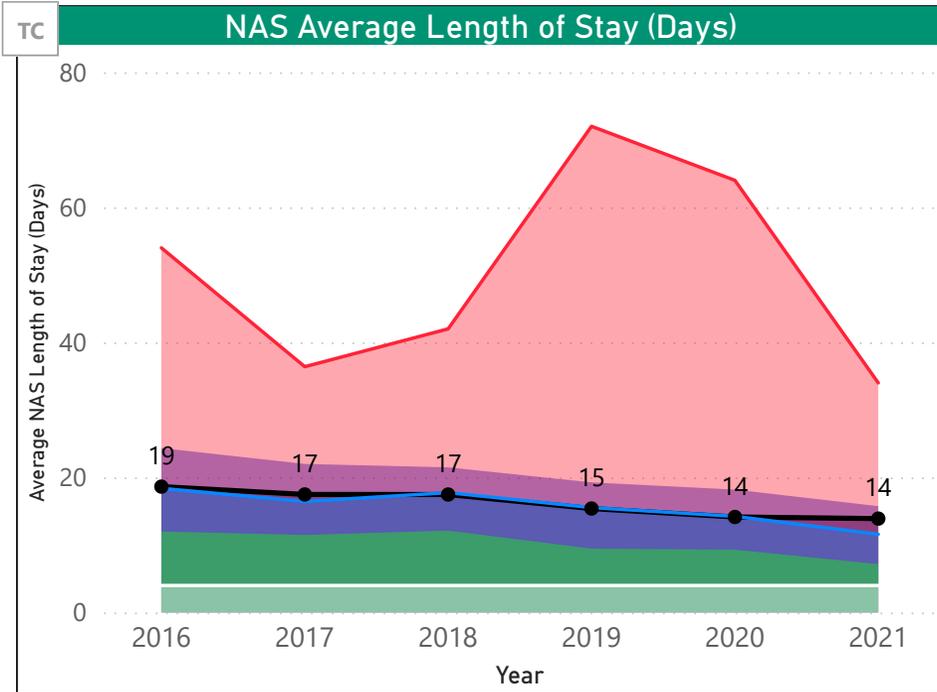
**YEAR: 2019**



All Moderate UNC		Respiratory Complication w/ long LOS		Long LOS (>5days)		Infection with Long LOS		Respiratory Complication		Birth Trauma with Long LOS		Birth Trauma	
2019		2019		2019		2019		2019		2019		2019	
Percent	2.50%	Percent	1.7%	Percent	0.65%	Percent	0.38%	Percent	0.91%	Percent	0.35%	Percent	0.28%
Numerator	3320	Numerator	2267	Numerator	859	Numerator	506	Numerator	1214	Numerator	460	Numerator	376
Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034	Denominator	133034

<b>Total term Newborns* (UNC state-wide denominator)</b>
<b>133034</b>



**Note: Data on this page is included through Q1 2021**

All delivery Hospitals						
	2016	2017	2018	2019	2020	2021
NAS average LOS	18.64	17.48	17.47	15.40	14.15	13.91
# NAS infants included	1050	1009	907	842	806	170
# NAS infants excluded*	551	544	565	557	471	254

All delivery Hospitals						
	2016	2017	2018	2019	2020	2021
% NAS	0.75%	0.73%	0.70%	0.66%	0.63%	0.88%
# NAS infants	1601	1553	1472	1399	1277	424
# births	213824	211664	211178	212477	202799	48330

\* Excludes infants that are: Multiples, Low birth weight or preterm, transfers, LOS < 4 days or > 80 days



Thank you!

Questions? Contact [fpqc@usf.edu](mailto:fpqc@usf.edu)