



Department of  
Medicaid

John R. Kasich, Governor  
Barbara R. Sears, Director

# Ohio Department of Medicaid's Maternal and Infant Health Measures

Adams County

Ohio Department of Medicaid  
Bureau of Health Innovation and Quality  
Fall 2018

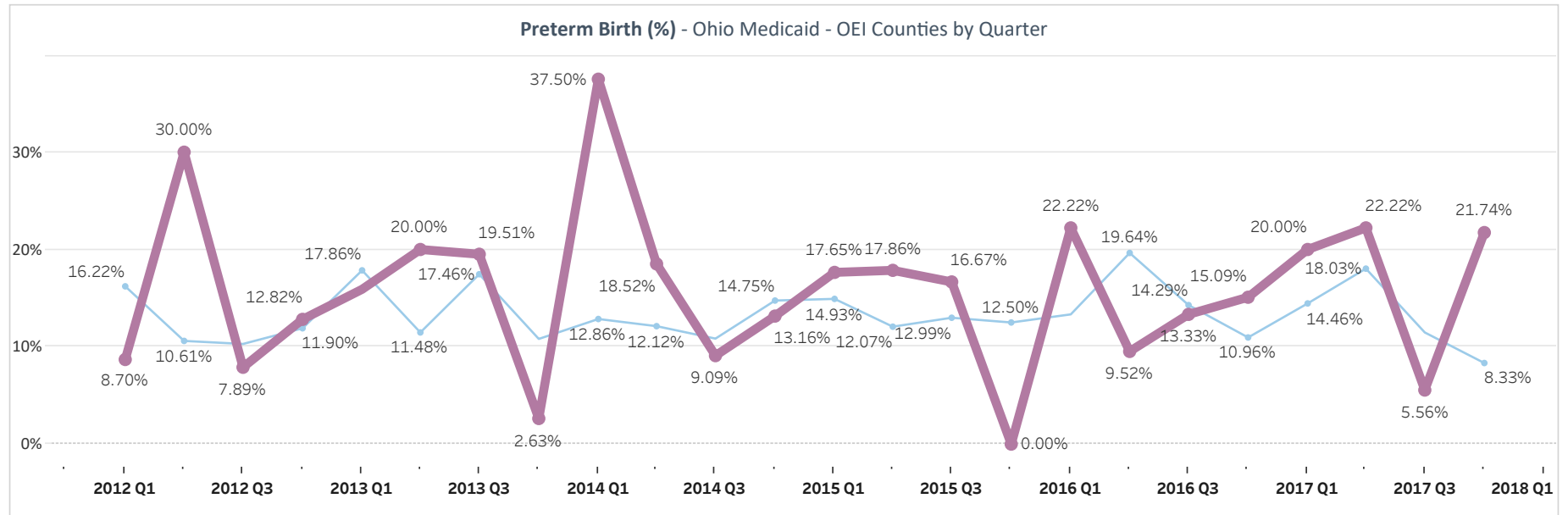
## Preterm Birth (%)

## Adams, Brown Counties - Preterm Birth (%)

### Trends by Quarter | CY 2012-2017

Counties

Adams Brown

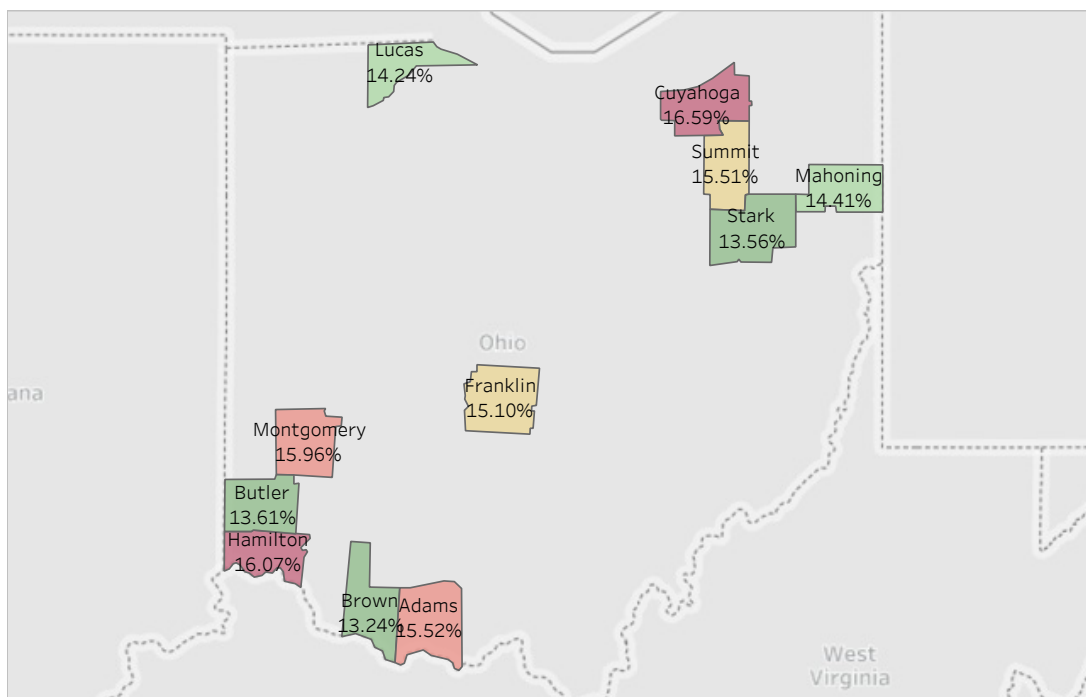


County	PTB Aggregate Rate Q1 2012 - Q4 2017	PTB Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	13.24%	13.21%	From 36 to 27 PTB Infants
Adams	15.52%	16.37%	From 26 to 18 PTB Infants

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Preterm Birth (%)

### OEI County Quintiles | CY 2012-2017



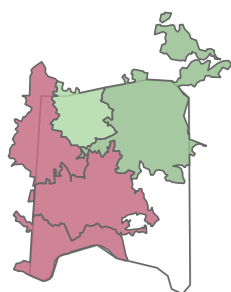
#### Map Measure Ranges

- $\geq 0 < 13.622\%$
- $\geq 13.622\% < 14.419\%$
- $\geq 14.419\% < 15.516\%$
- $\geq 15.516\% < 16.055\%$
- $\geq 16.055\%$

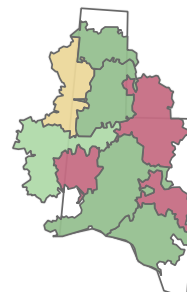
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

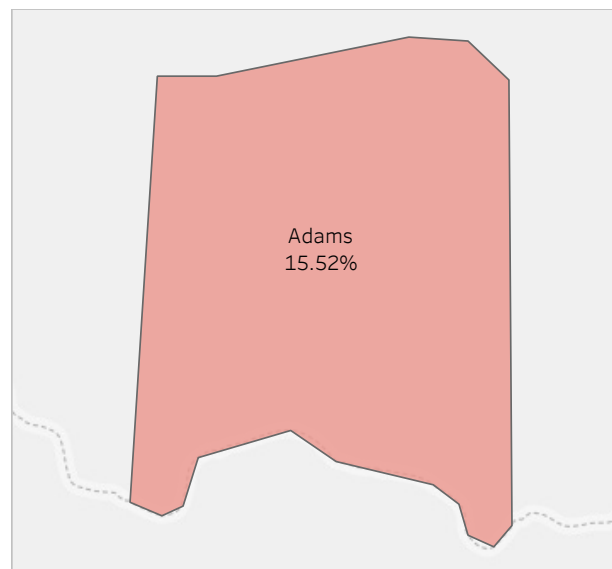
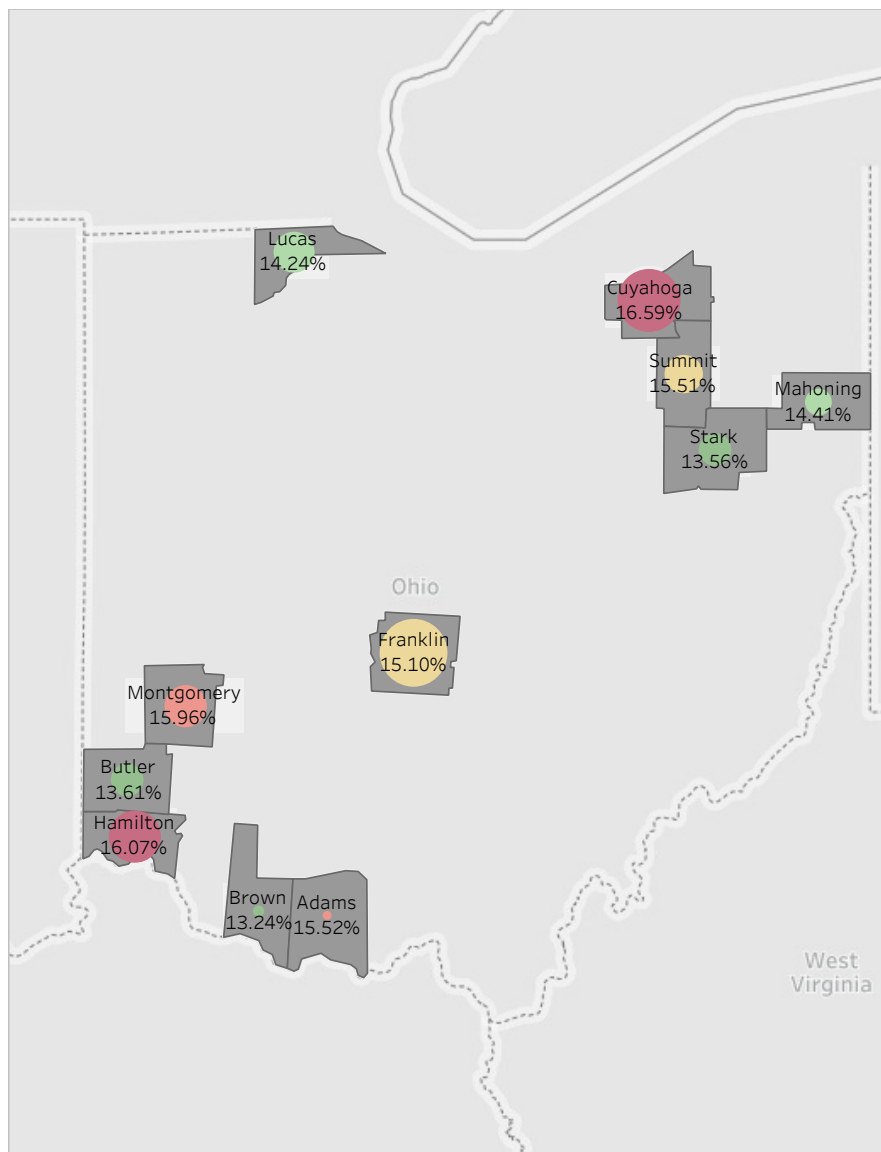


#### Brown



## Adams County - Preterm Birth (%)

### OEI Quintiles | CY 2012-2017

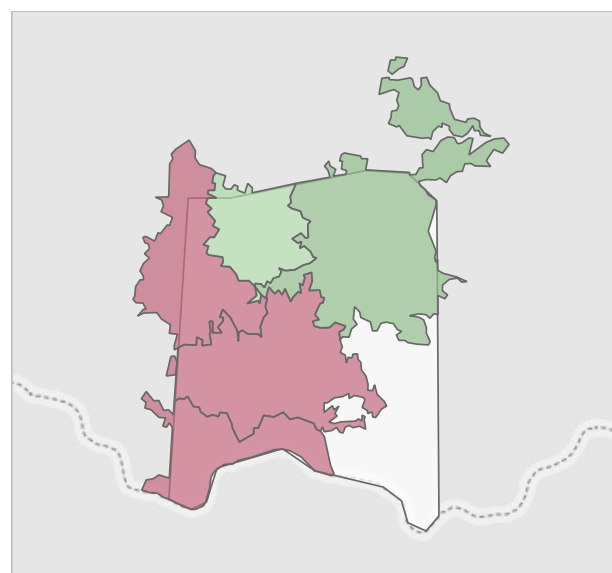


#### Map Measure Ranges

- $\geq 0 < 13.622\%$
- $\geq 13.622\% < 14.419\%$
- $\geq 14.419\% < 15.516\%$
- $\geq 15.516\% < 16.055\%$
- $\geq 16.055\%$

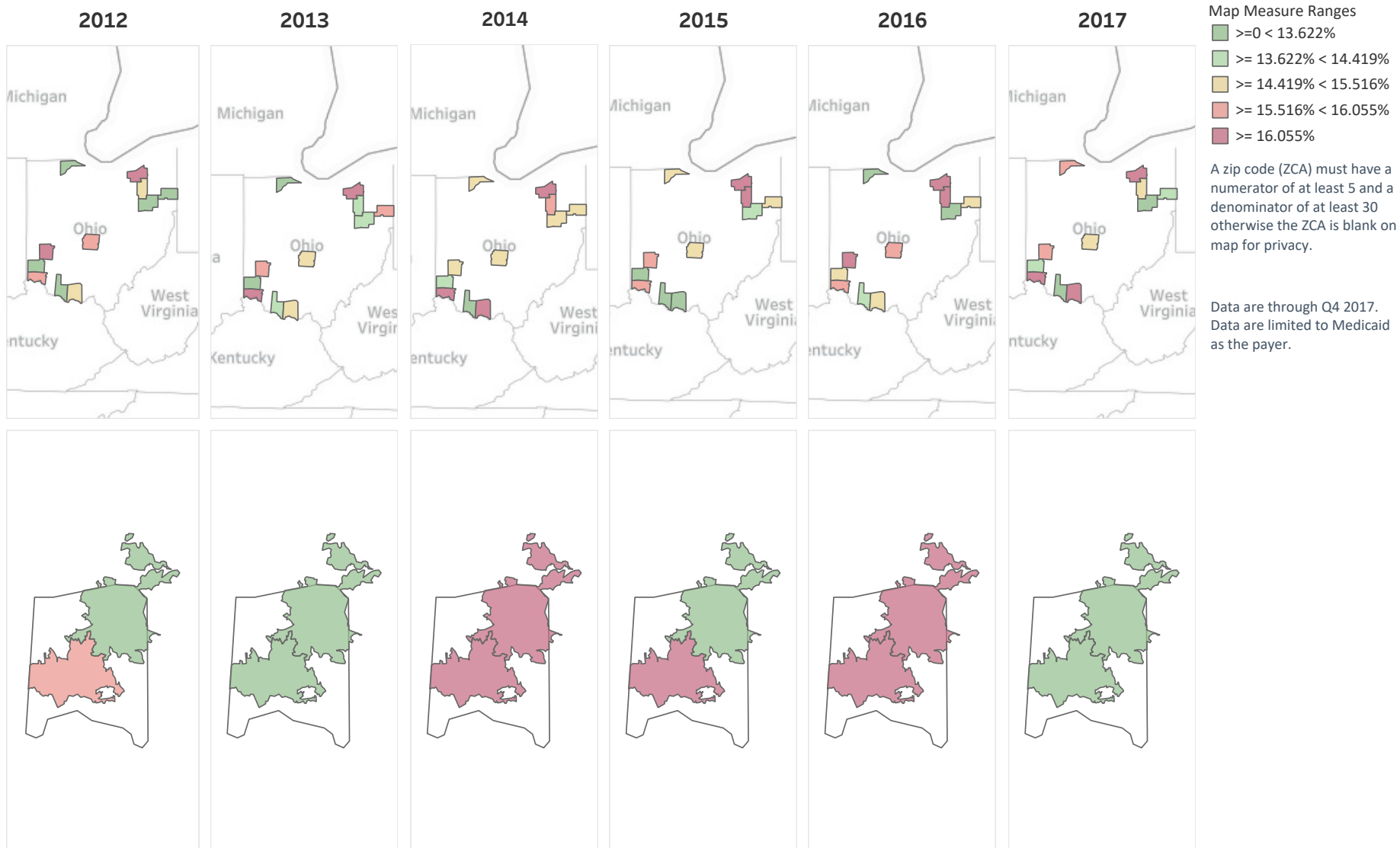
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



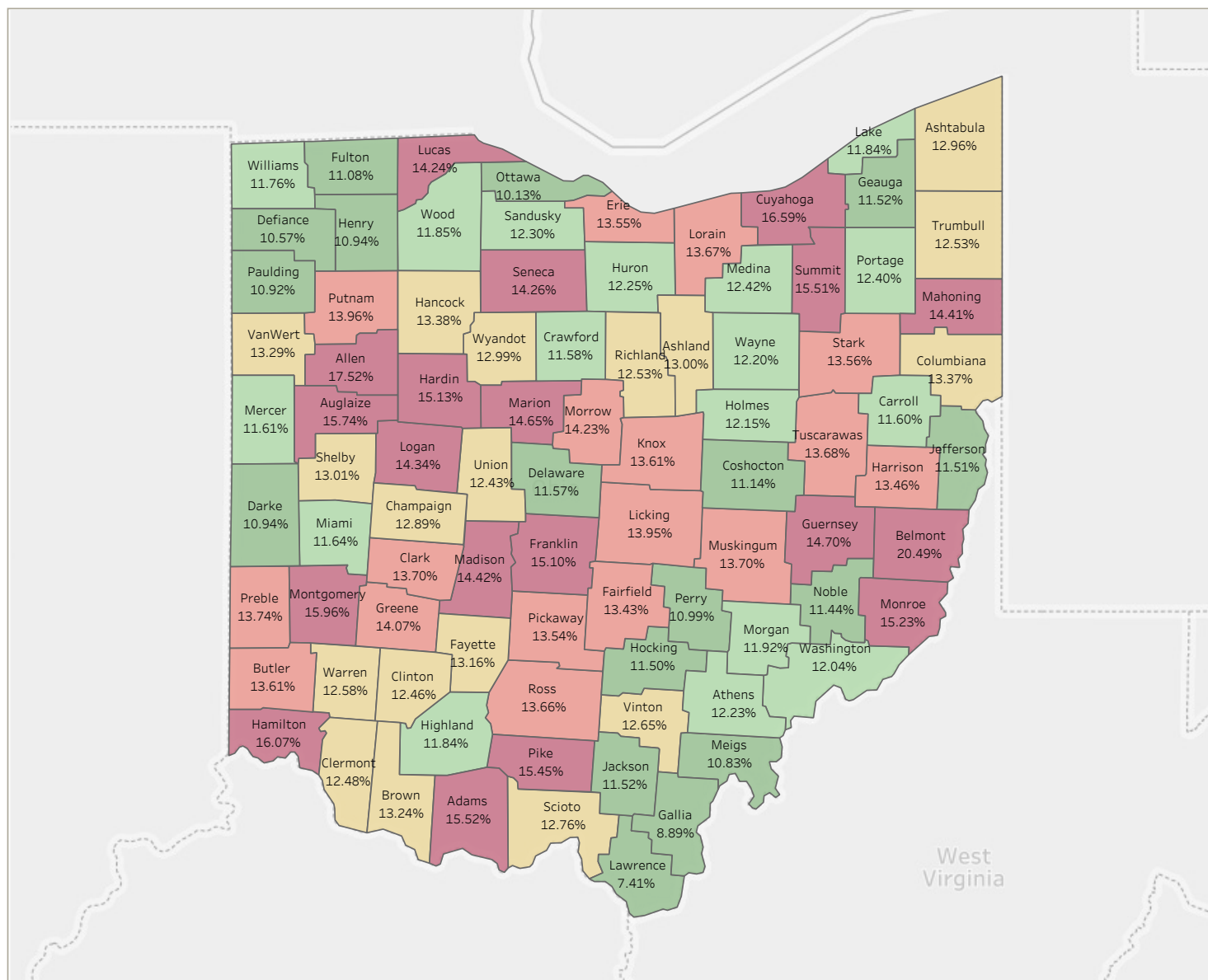
## Adams County - Preterm Birth (%)

### OEI Quintiles | CY 2012-2017 Yearly Comparison



## Statewide - Preterm Birth (%)

### Overall Quintiles by County | CY 2012 - 2017



#### Map Measure Ranges

- $\geq 0 < 11.574\%$
- $\geq 11.574\% < 12.429\%$
- $\geq 12.429\% < 13.407\%$
- $\geq 13.407\% < 14.235\%$
- $\geq 14.235\%$

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



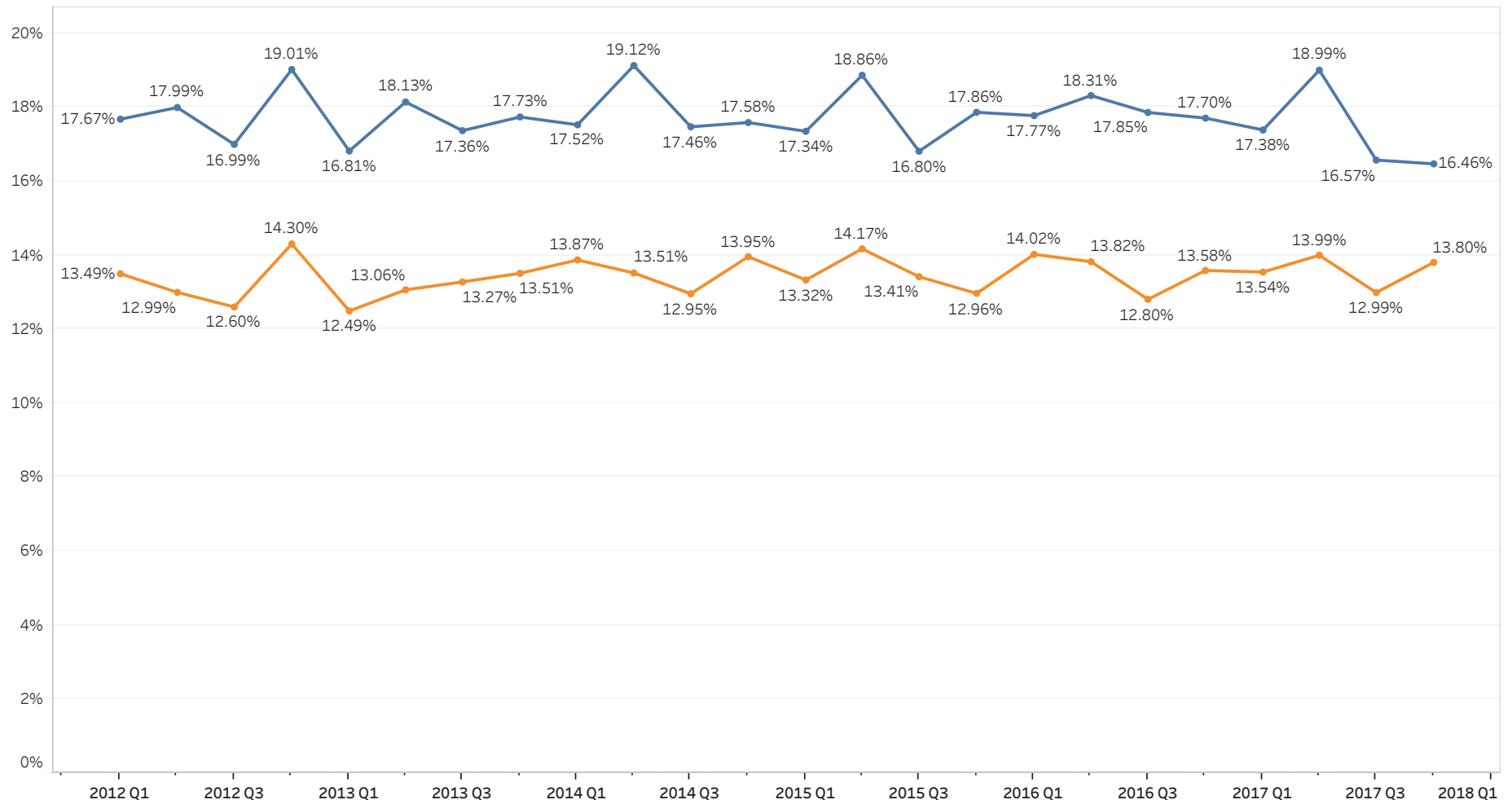
### Quarterly Trends by Race - Preterm Birth (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.





### Yearly Trends by MCP - Preterm Birth (%) All OEI Counties | CY 2012-2017

Medicaid Plan  
All Plans

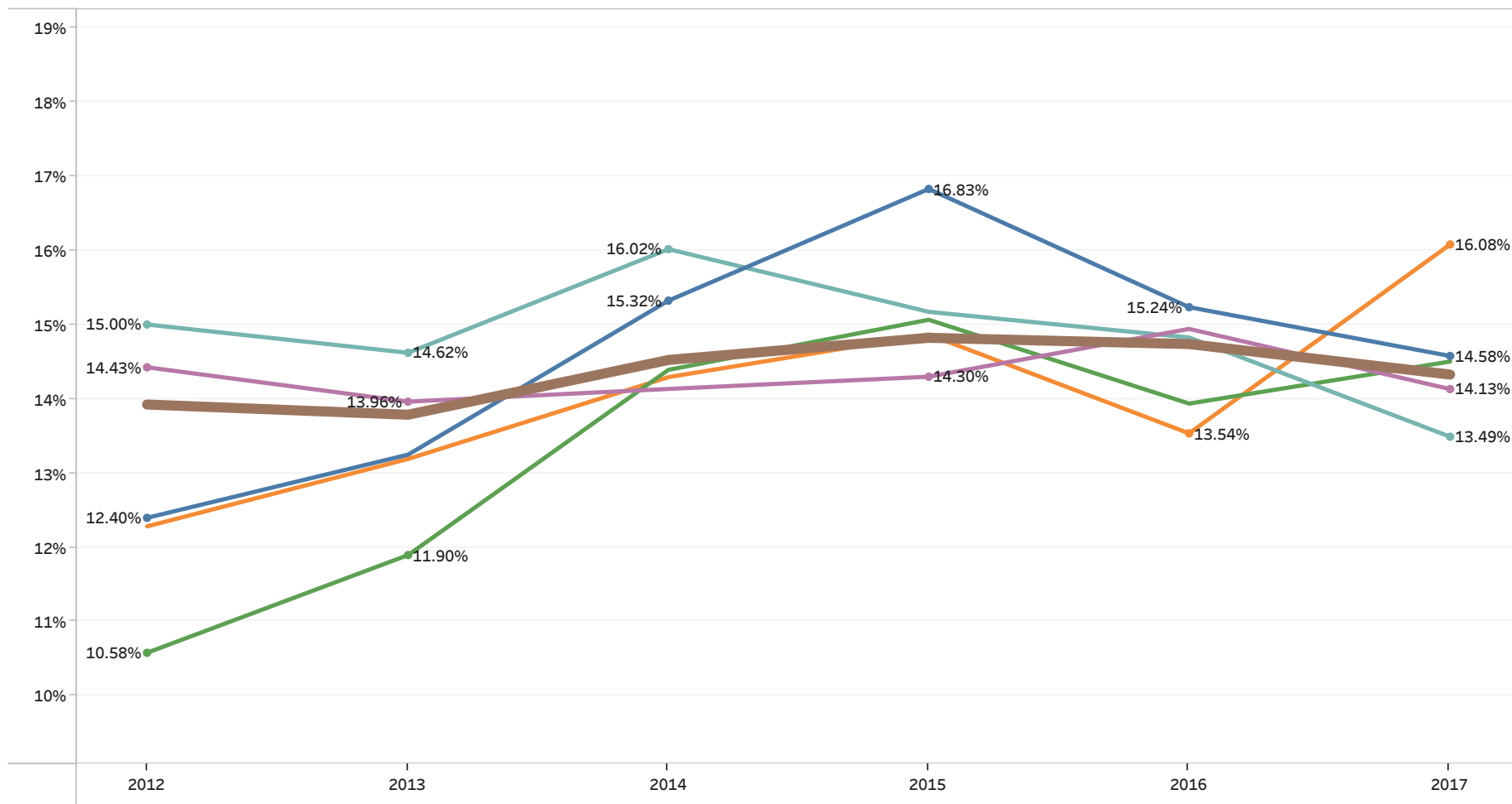
Buckeye

CareSource

Molina

Paramount

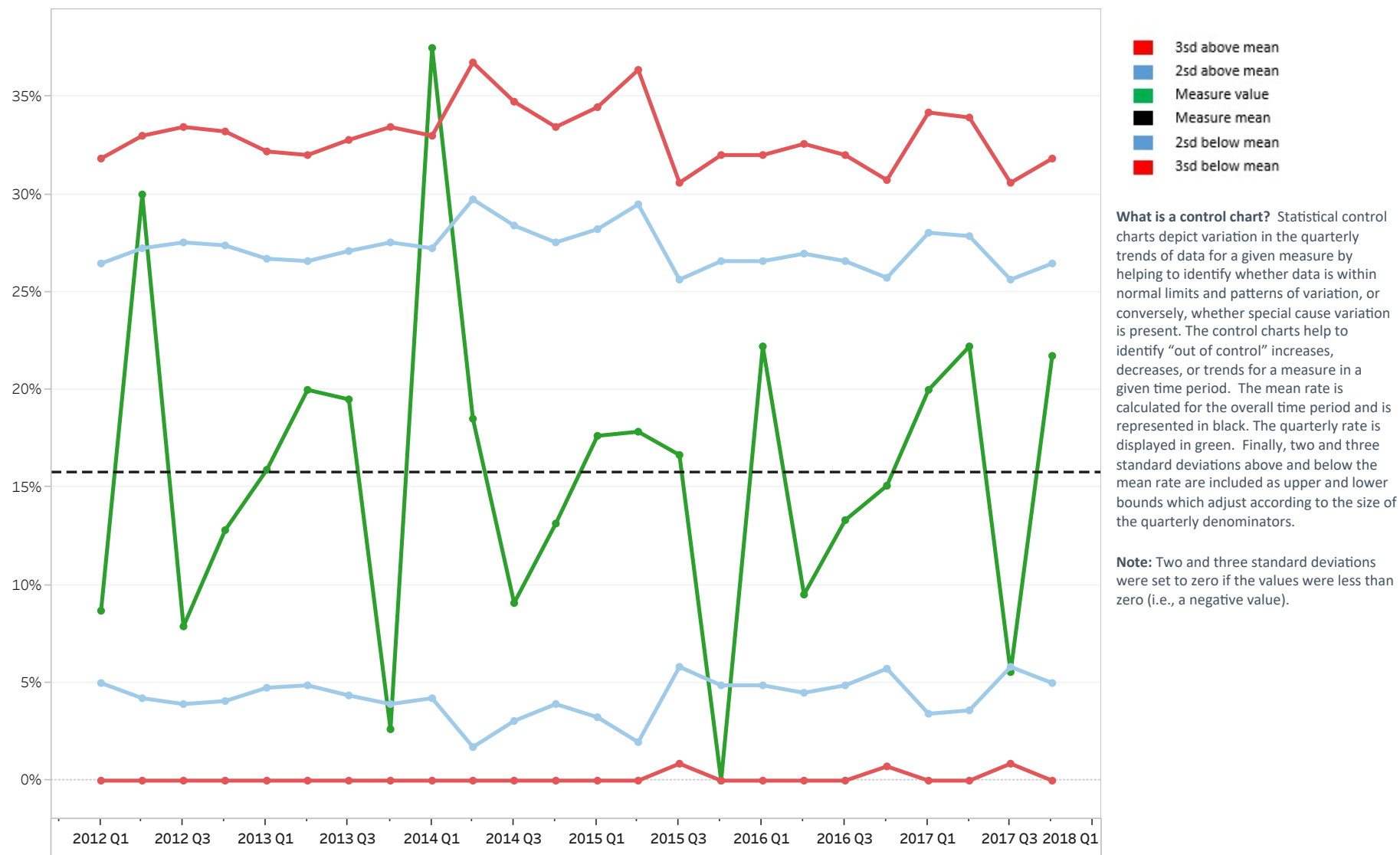
United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.

## Adams County Quarterly Control Chart - Preterm Birth (%) CY 2012-2017



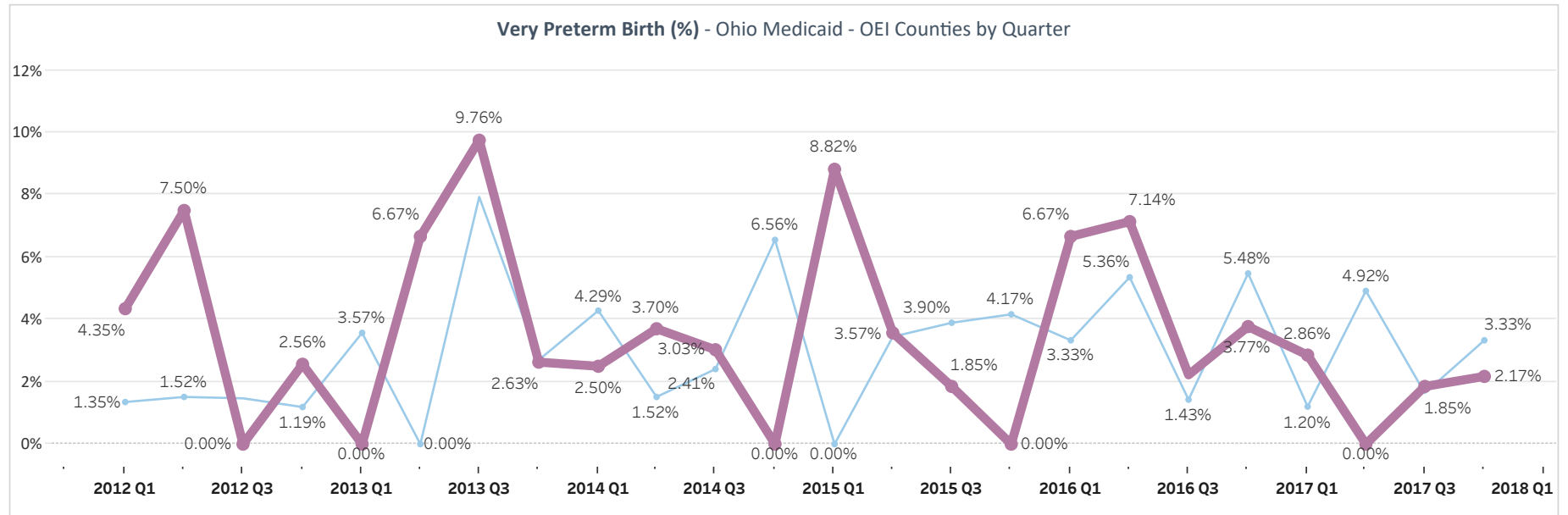
Data are limited to Medicaid as the payer.

## Very Preterm Birth (%)

## Adams, Brown Counties - Very Preterm Birth (%)

### Trends by Quarter | CY 2012-2017

Counties  
Adams Brown

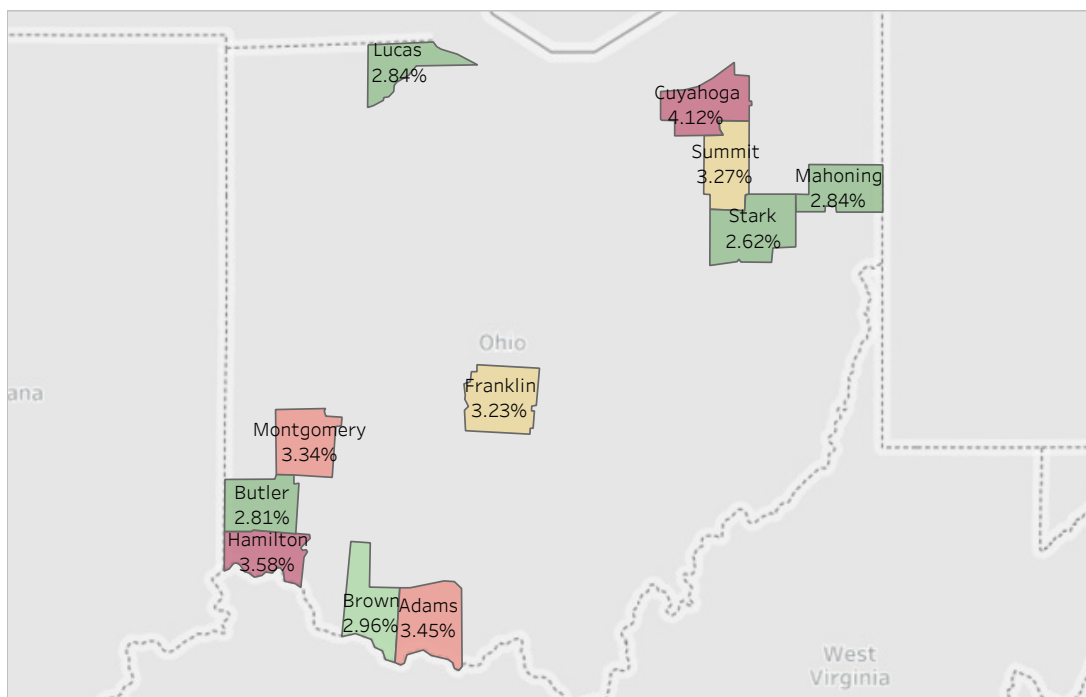


County	VPTB Aggregate Rate Q1 2012 - Q4 2017	VPTB Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	2.96%	2.64%	From 8 to 3 VPTB Infants
Adams	3.45%	1.75%	From 6 to 2 VPTB Infants

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Very Preterm Birth (%)

### OEI County Quintiles | CY 2012-2017



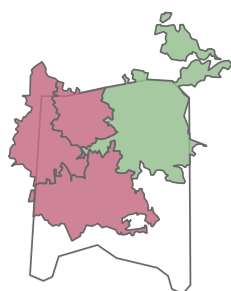
#### Map Measure Ranges

- $\geq 0 < 2.839\%$
- $\geq 2.839\% < 2.966\%$
- $\geq 2.966\% < 3.333\%$
- $\geq 3.333\% < 3.573\%$
- $\geq 3.573\%$

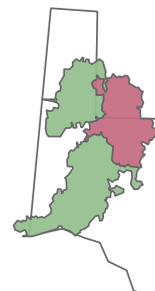
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

**Adams**

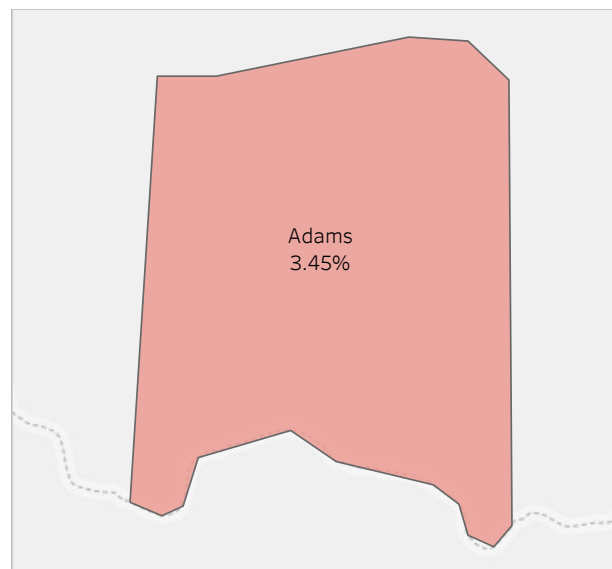
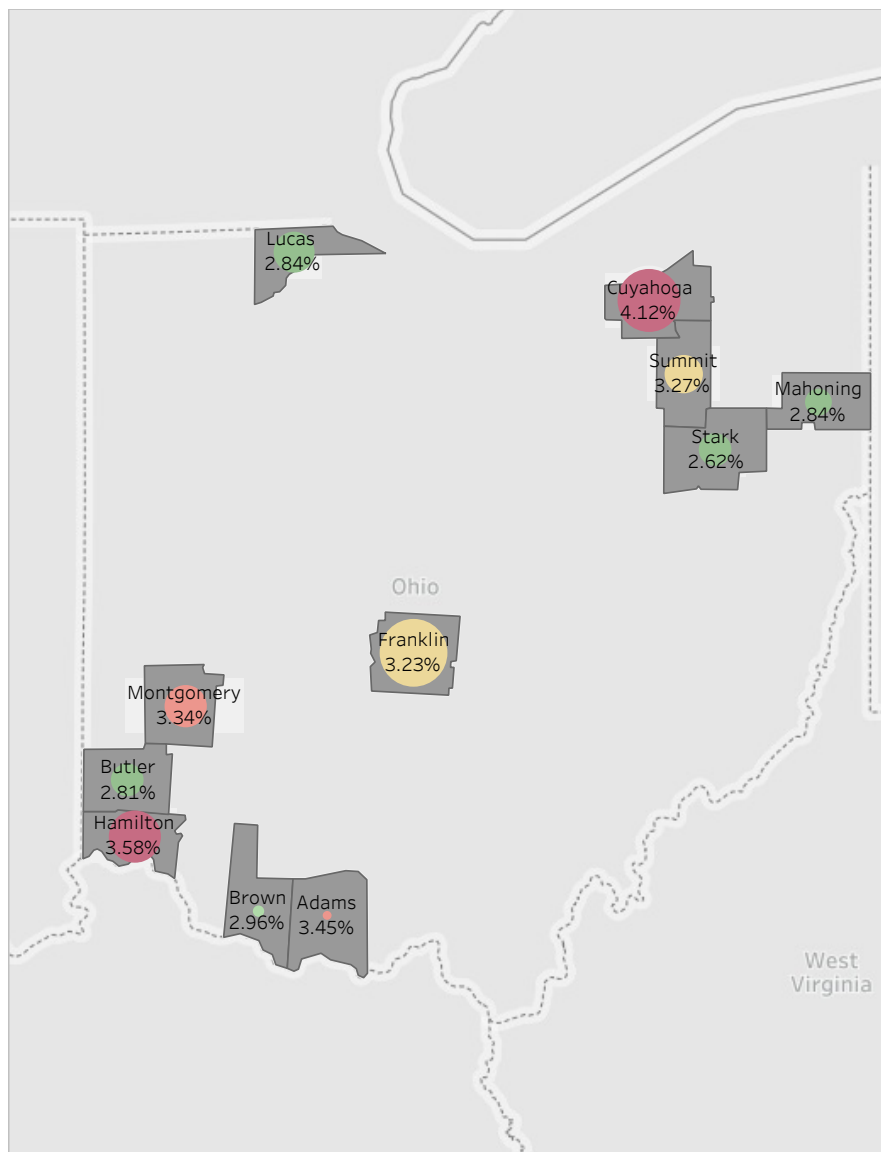


**Brown**



## Adams County - Very Preterm Birth (%)

### OEI Quintiles | CY 2012-2017

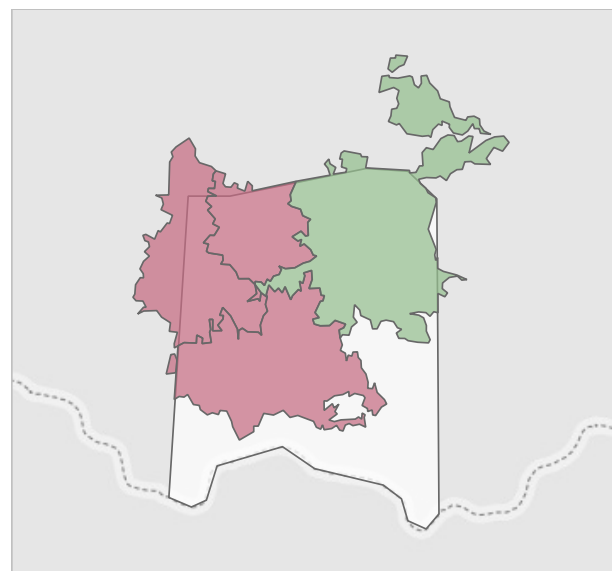


#### Map Measure Ranges

- $\geq 0 < 2.839\%$
- $\geq 2.839\% < 2.966\%$
- $\geq 2.966\% < 3.333\%$
- $\geq 3.333\% < 3.573\%$
- $\geq 3.573\%$

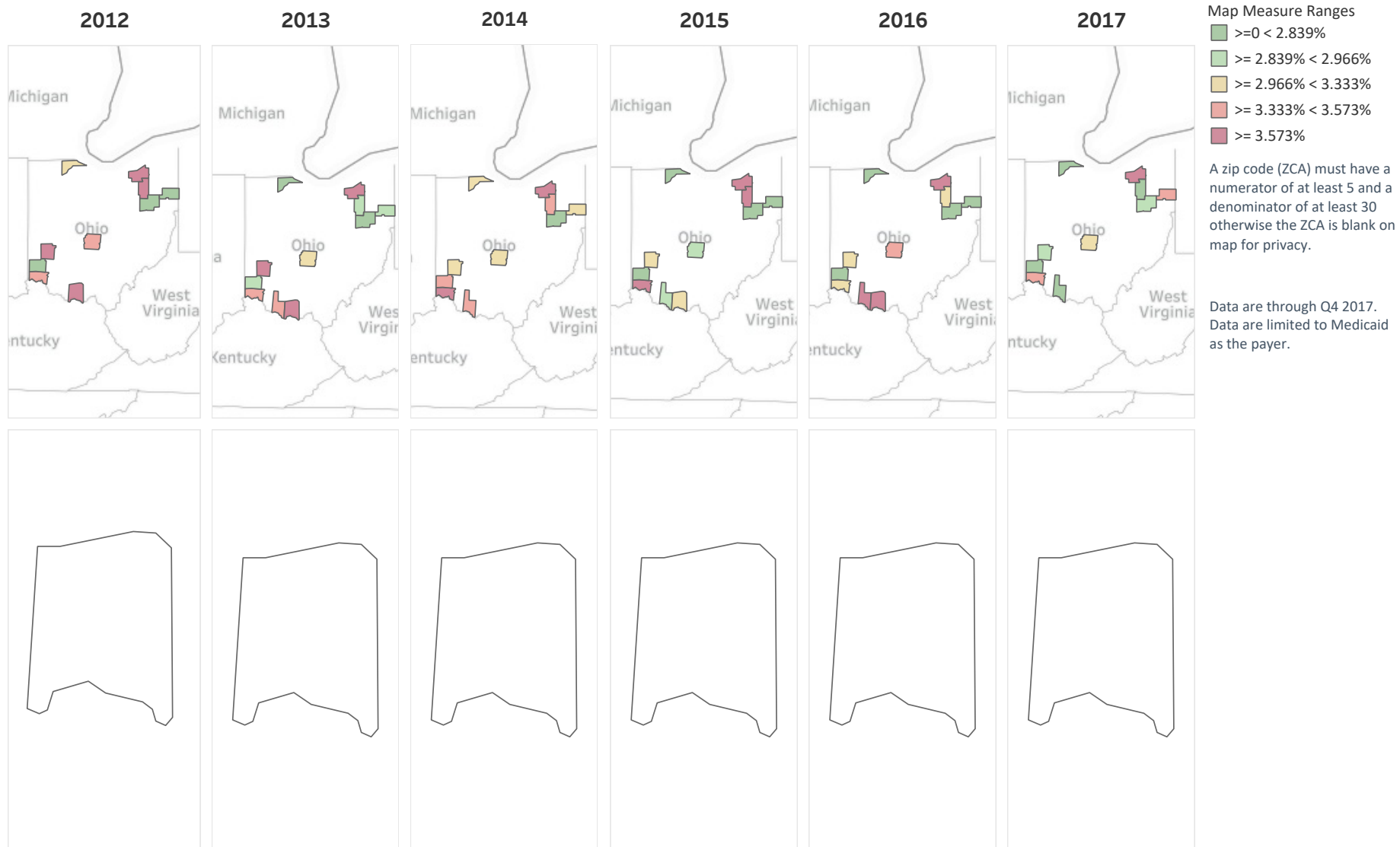
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



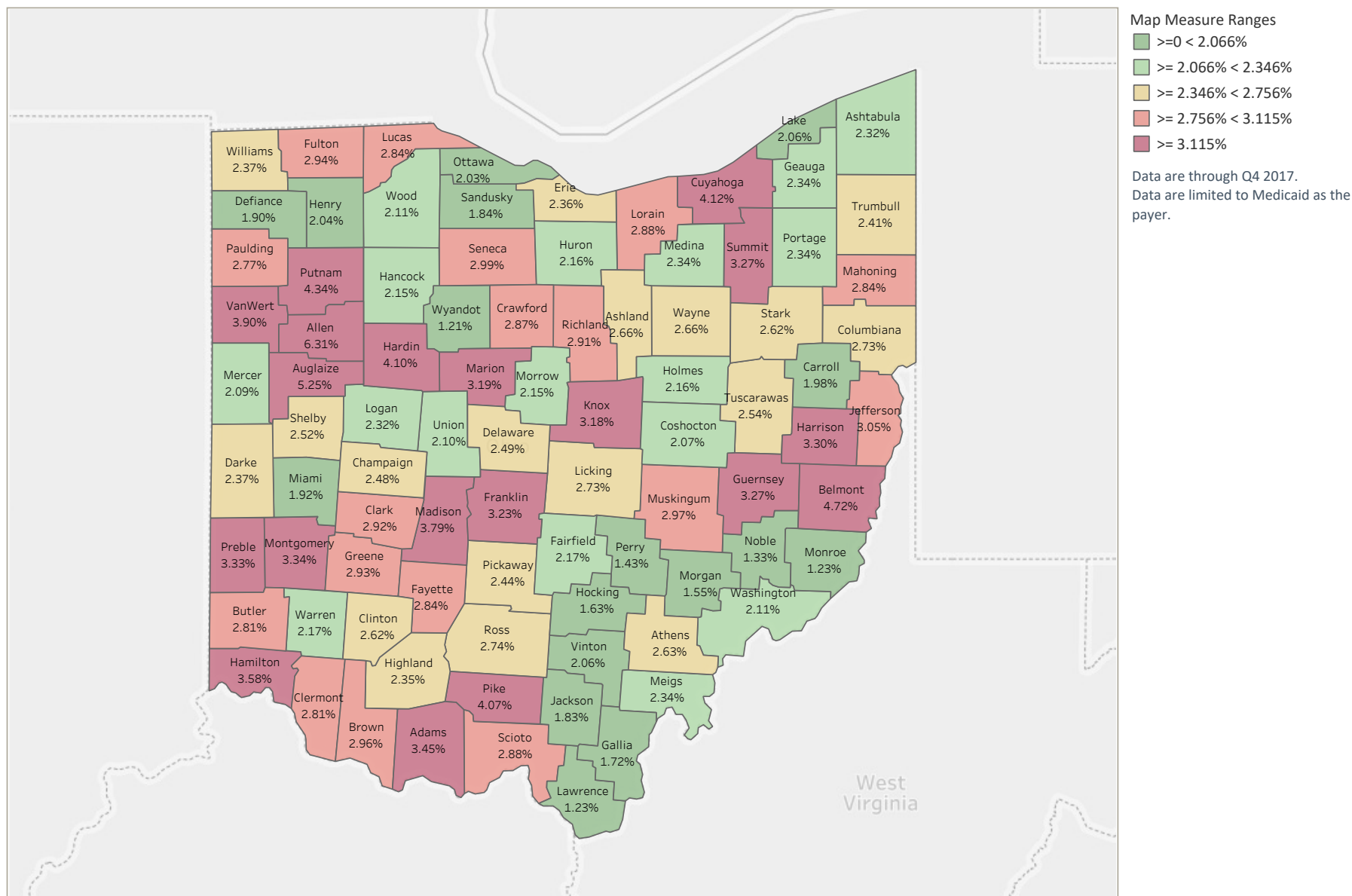
## Adams County - Very Preterm Birth (%)

### OEI Quintiles | CY 2012-2017 Yearly Comparison



## Statewide - Very Preterm Birth (%)

### Overall Quintiles by County | CY 2012 - 2017







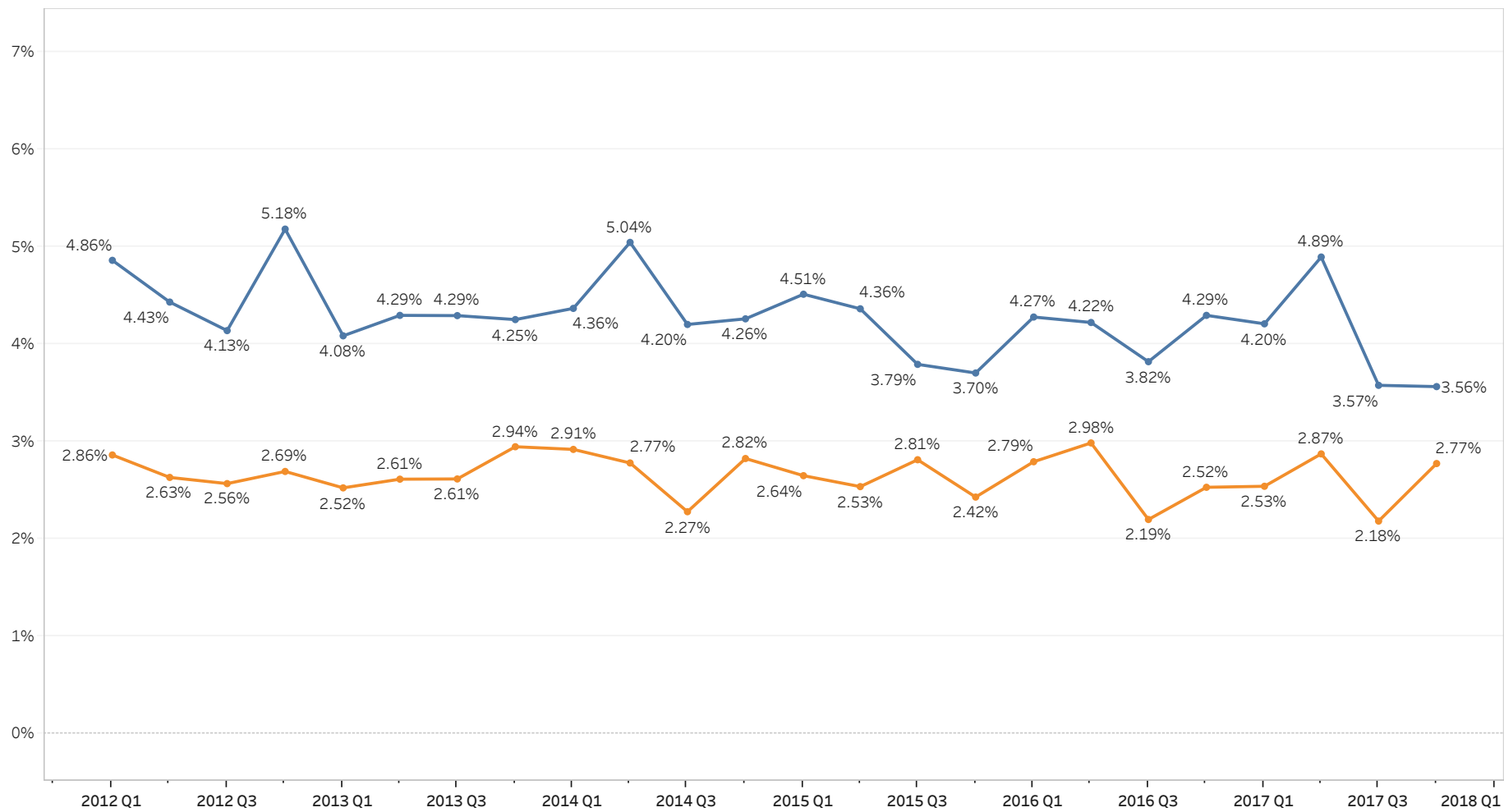
### Quarterly Trends by Race - Very Preterm Birth (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Very Preterm Birth (%) All OEI Counties | CY 2012-2017

Medicaid Plan

All Plans

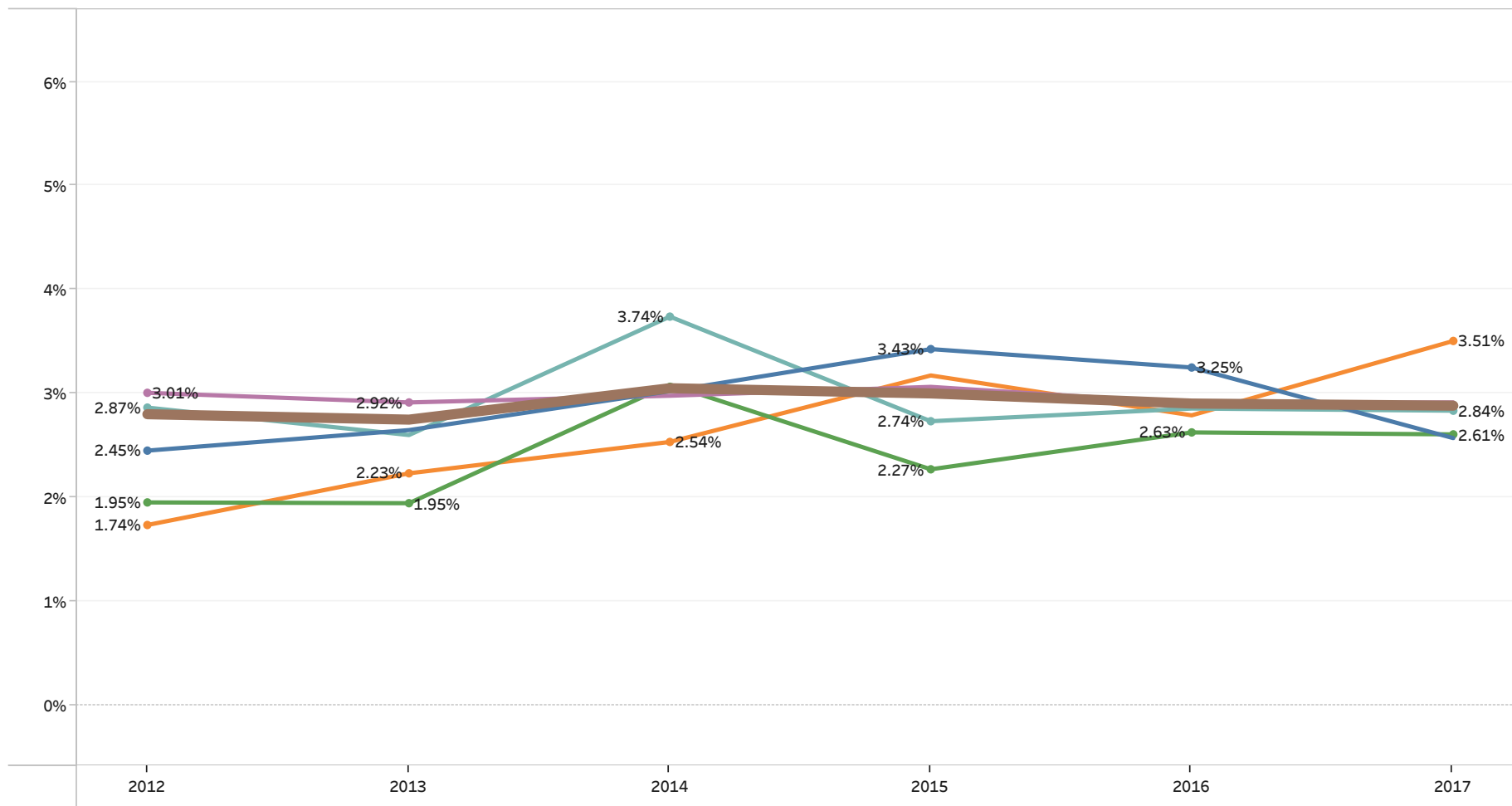
Buckeye

CareSource

Molina

Paramount

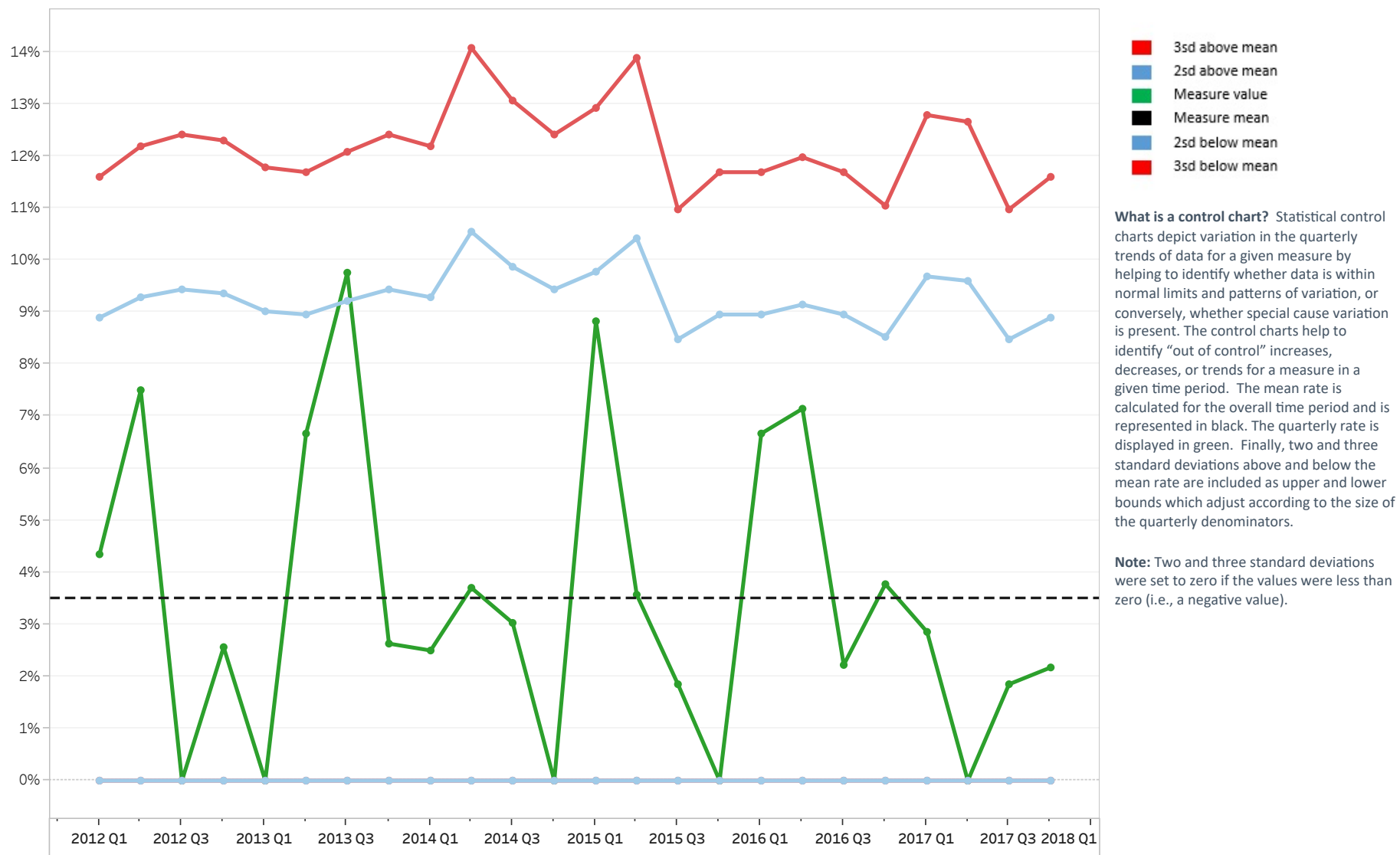
United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.

## Adams County Quarterly Control Chart - Very Preterm Birth (%) CY 2012-2017



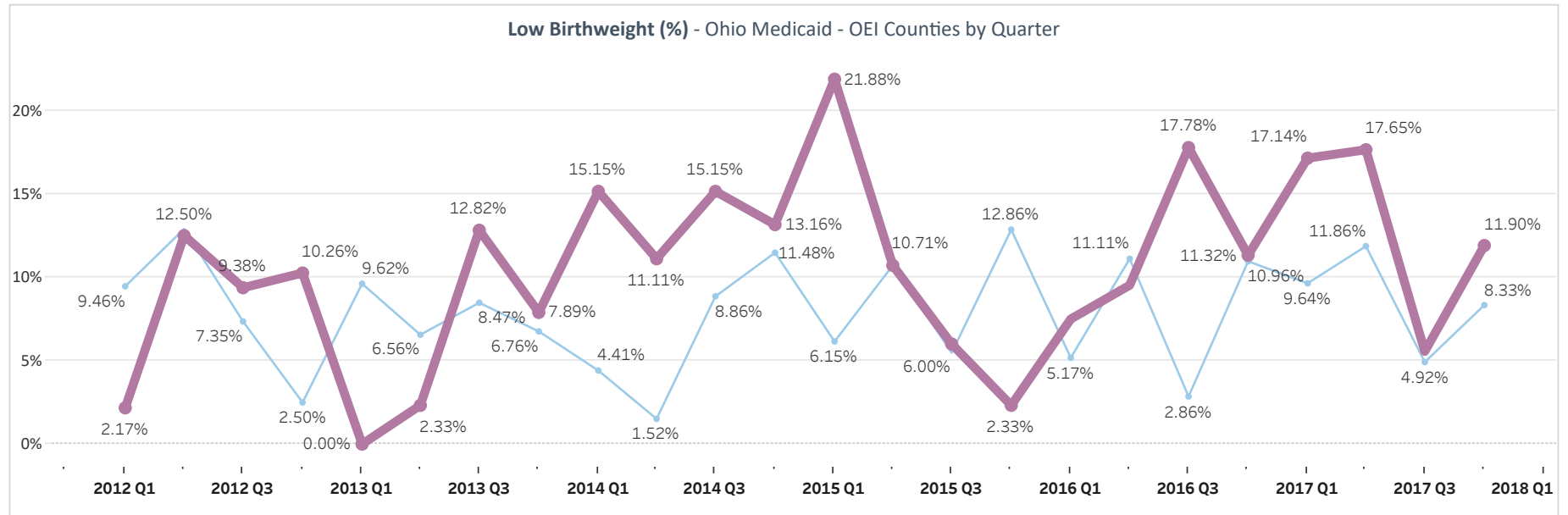
Data are limited to Medicaid as the payer.

## Low Birthweight (%)

## Adams, Brown Counties - Low Birthweight (%)

### Trends by Quarter | CY 2012-2017

Counties  
■ Adams  
■ Brown

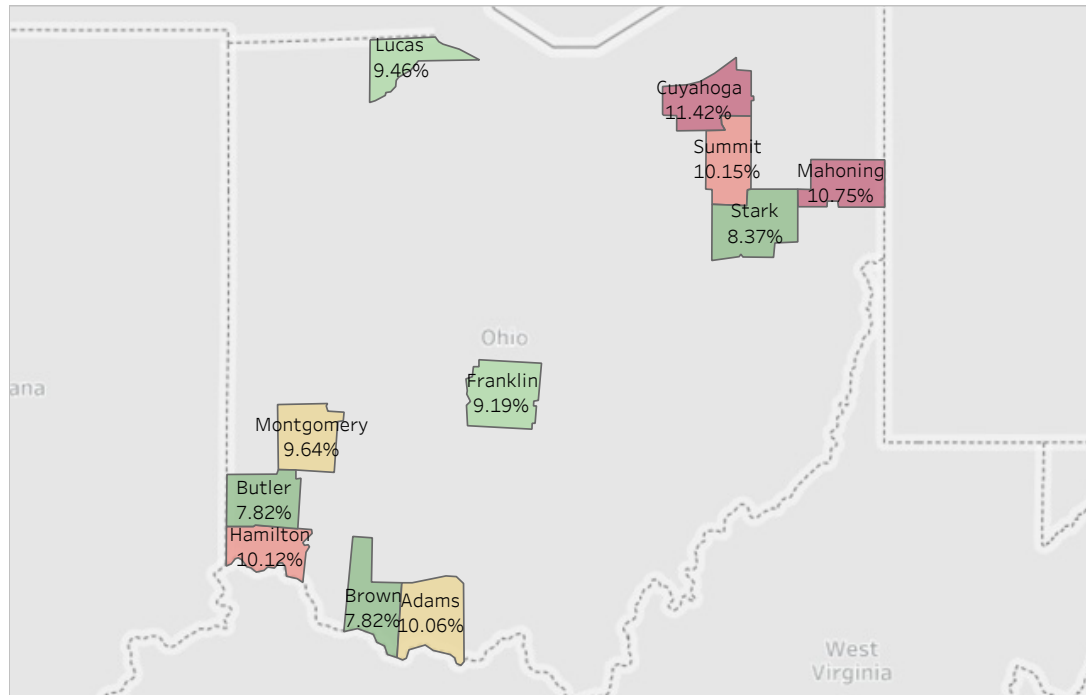


County	LBW Rate Aggregate Q1 2012 - Q4 2017	LBW Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	7.82%	8.75%	From 21 to 13 LBW Infants
Adams	10.06%	12.12%	From 16 to 10 LBW Infants

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Low Birthweight (%)

### OEI County Quintiles | CY 2012-2017



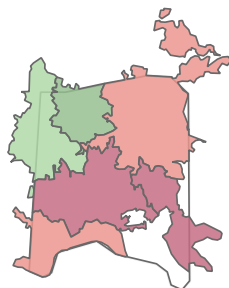
#### Map Measure Ranges

- $\geq 0 < 8.377\%$
- $\geq 8.377\% < 9.467\%$
- $\geq 9.467\% < 10.113\%$
- $\geq 10.113\% < 10.740\%$
- $\geq 10.740\%$

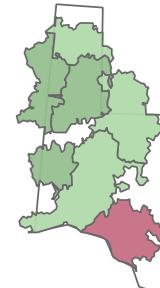
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

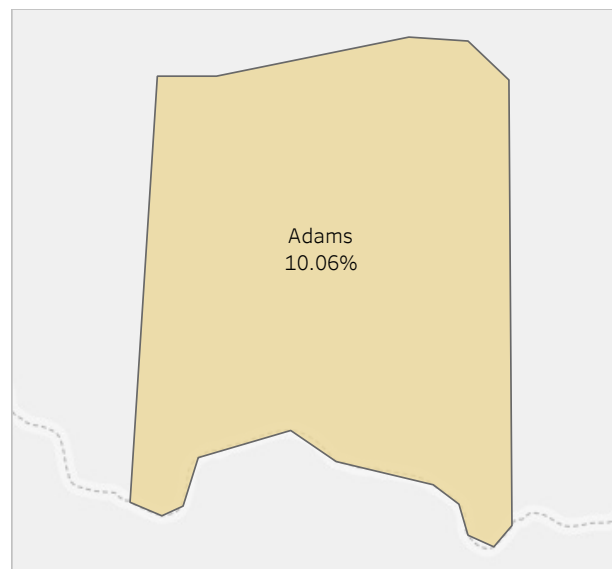
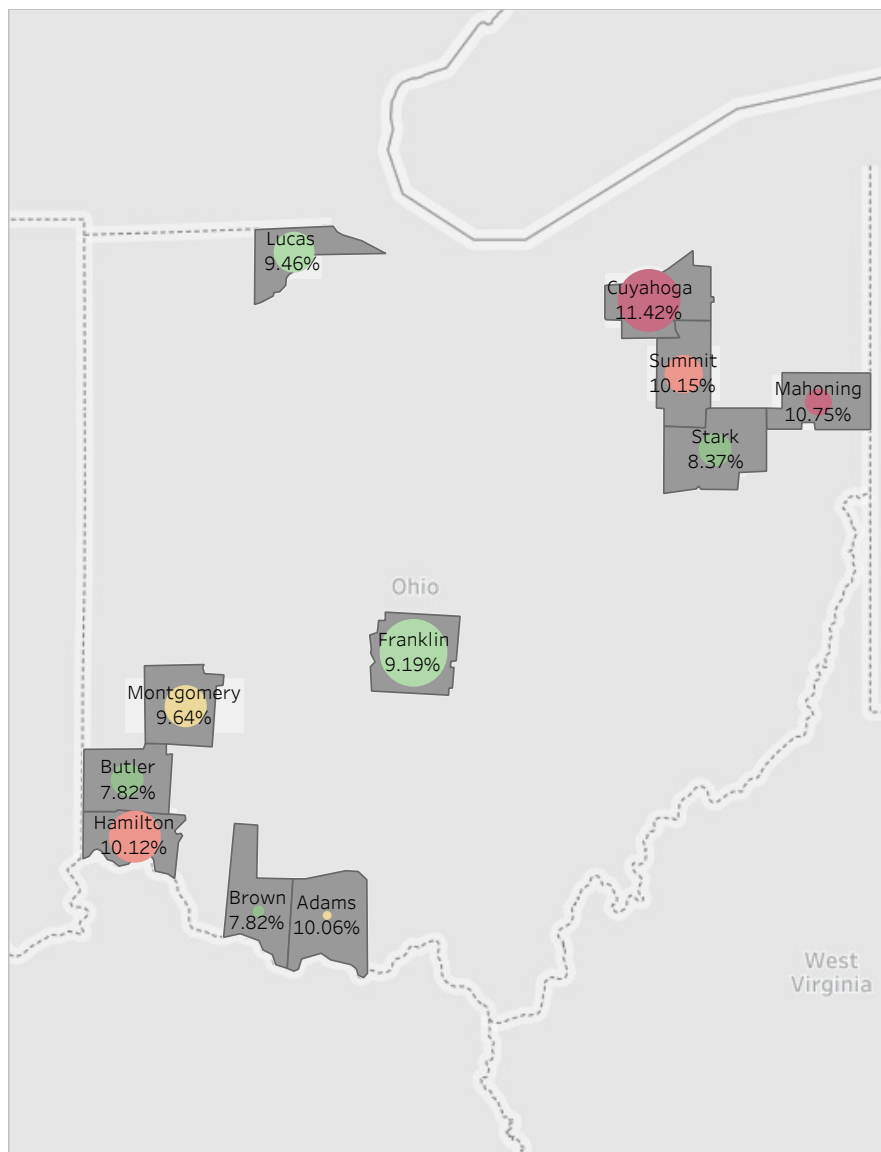


#### Brown



## Adams County - Low Birthweight (%)

### OEI Quintiles | CY 2012-2017

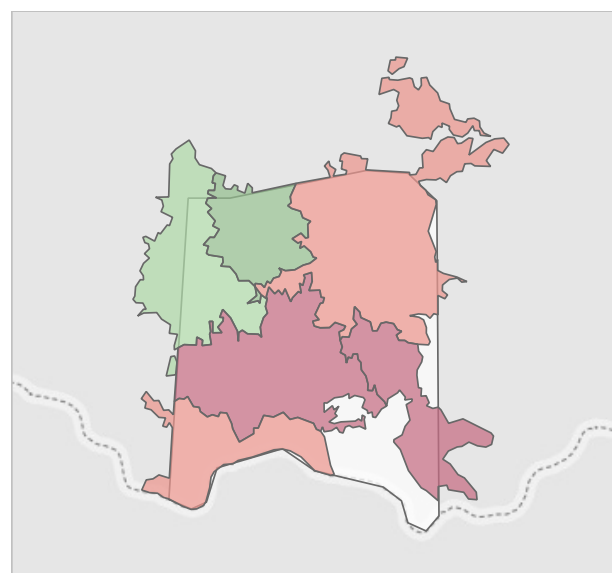


#### Map Measure Ranges

- $\geq 0 < 8.377\%$
- $\geq 8.377\% < 9.467\%$
- $\geq 9.467\% < 10.113\%$
- $\geq 10.113\% < 10.740\%$
- $\geq 10.740\%$

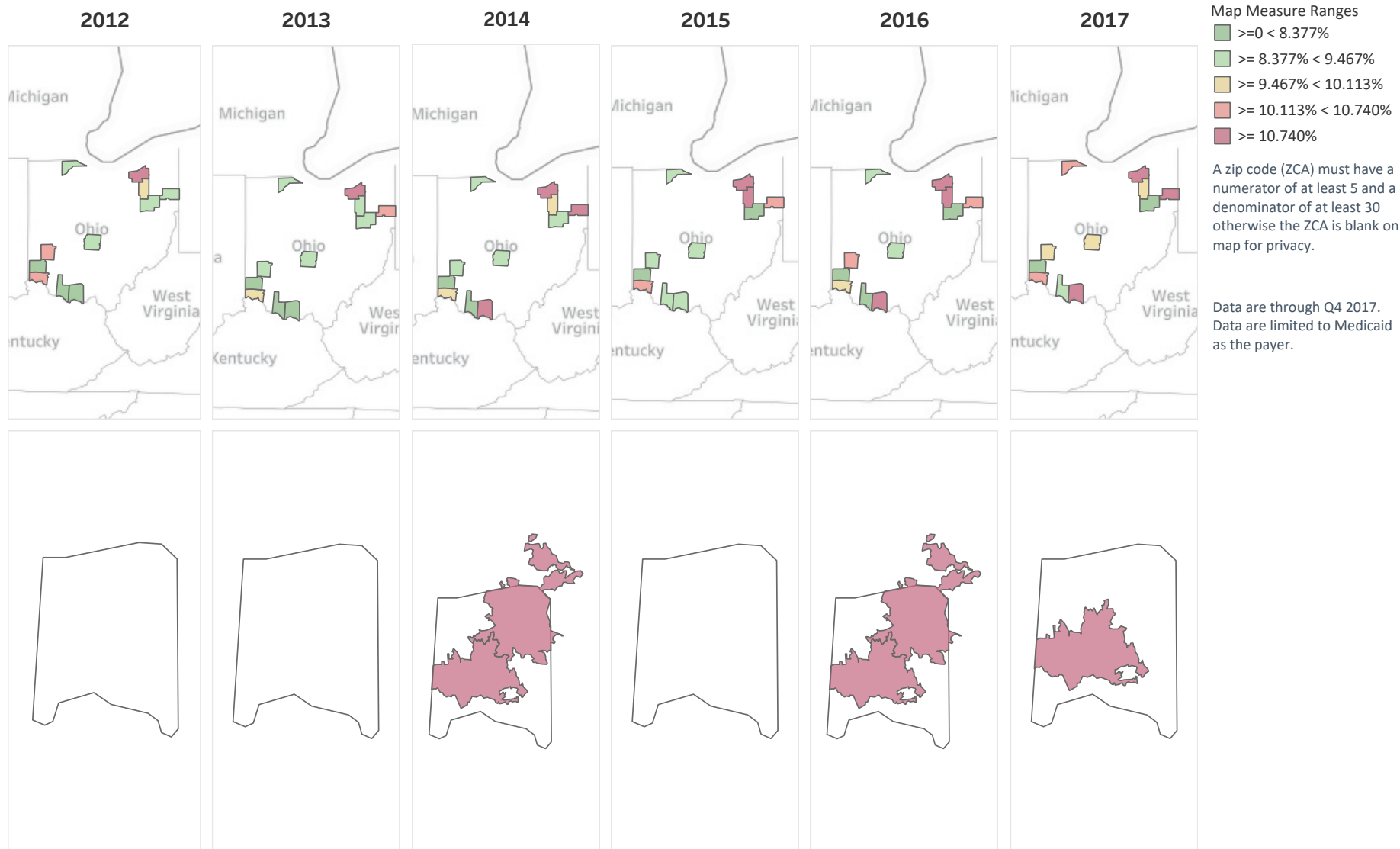
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Adams County - Low Birthweight (%)

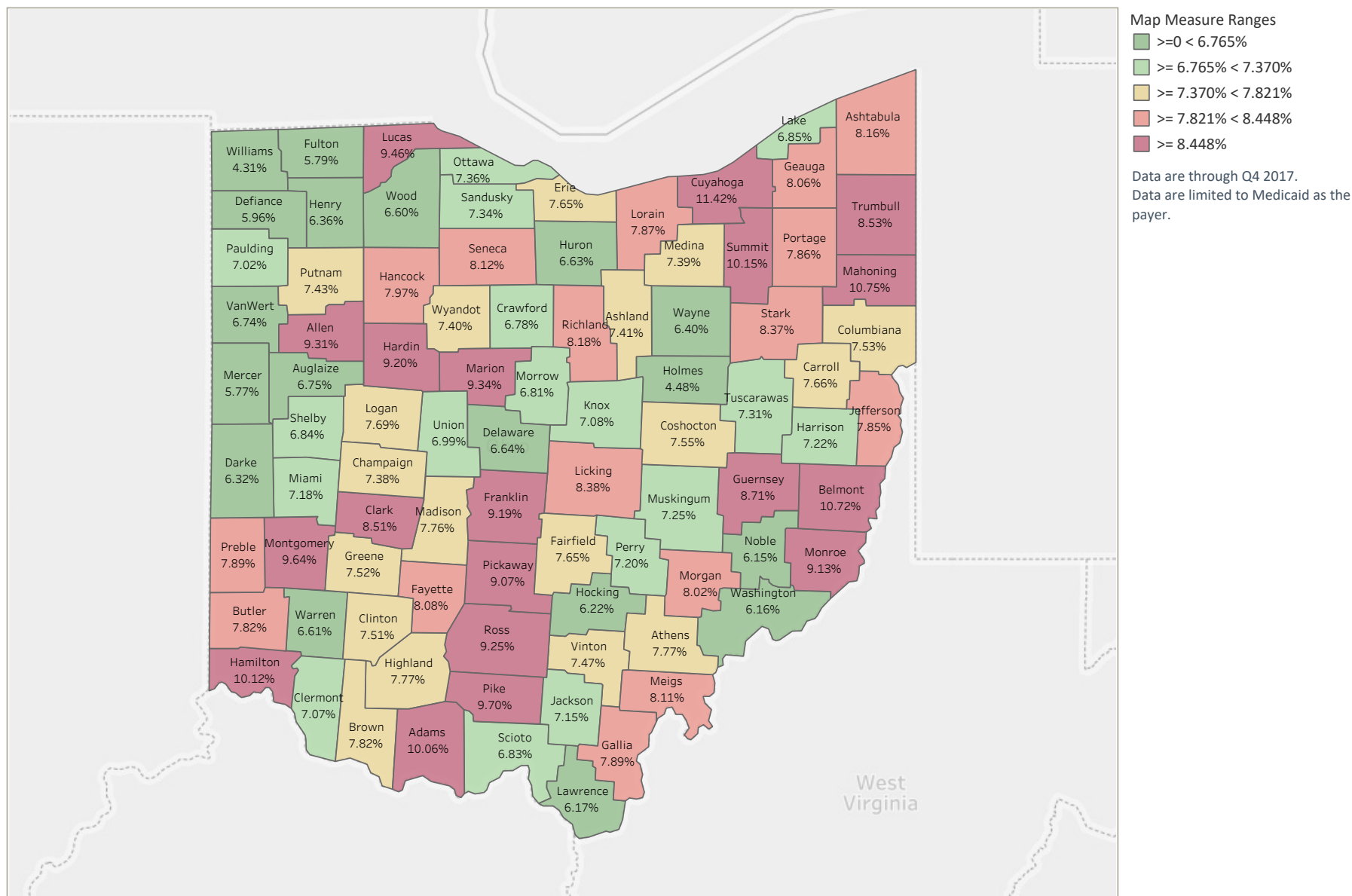
### OEI Quintiles | CY 2012-2017 Yearly Comparison





## Statewide - Low Birthweight (%)

### Overall Quintiles by County | CY 2012 - 2017





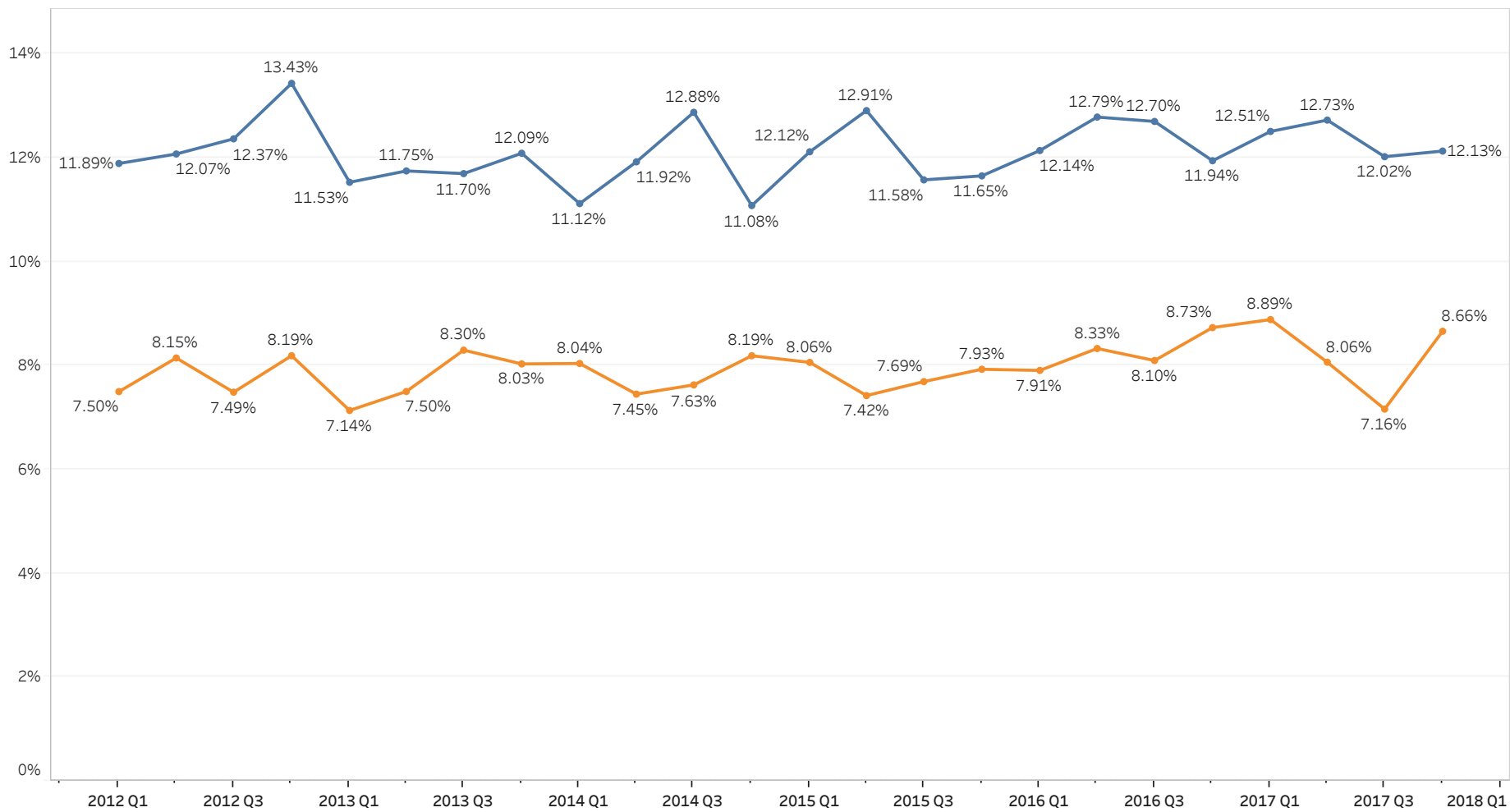
## Quarterly Trends by Race - Low Birthweight (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Low Birthweight (%) All OEI Counties | CY 2012-2017

Medicaid Plan

All Plans

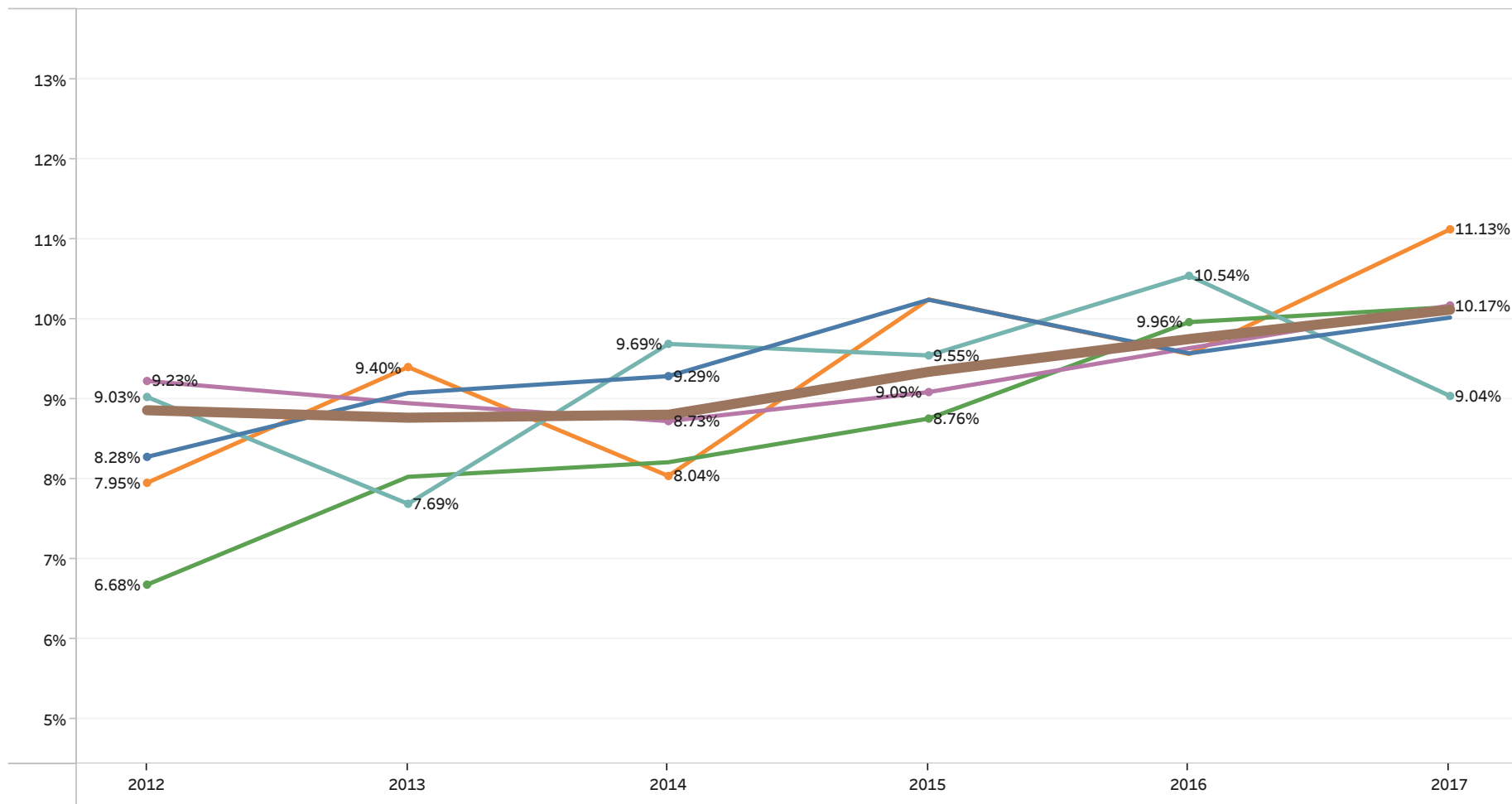
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.



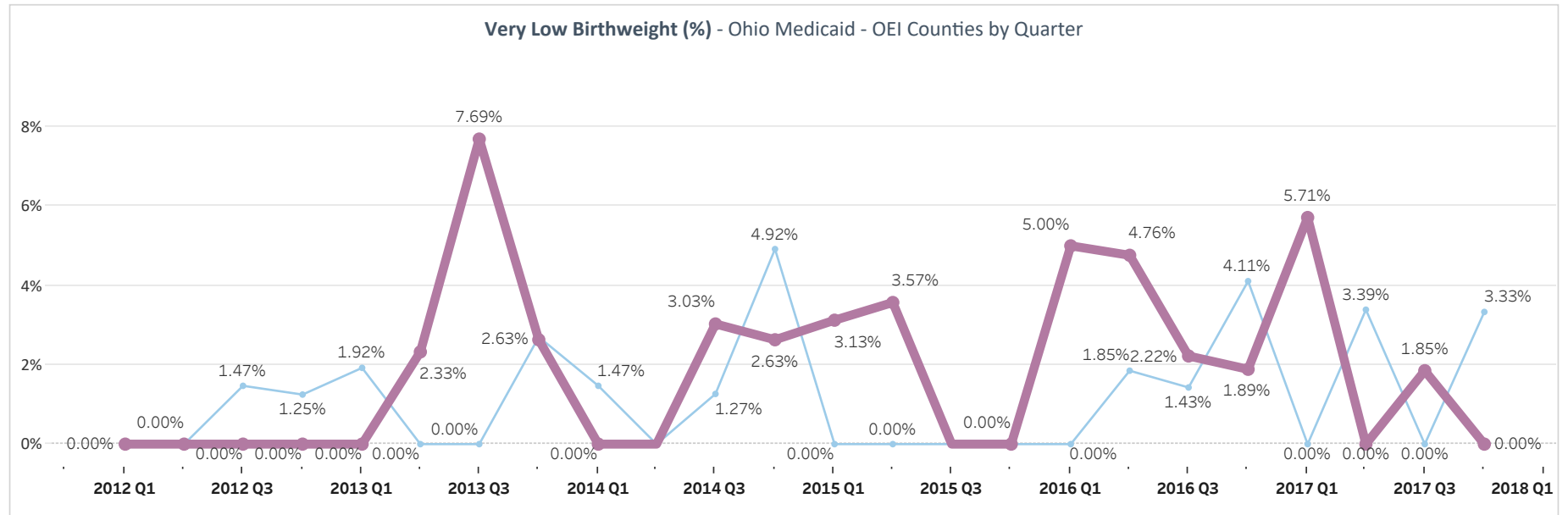
## Very Low Birthweight (%)

## Adams, Brown Counties - Very Low Birthweight (%)

### Trends by Quarter | CY 2012-2017

Counties

Adams Brown

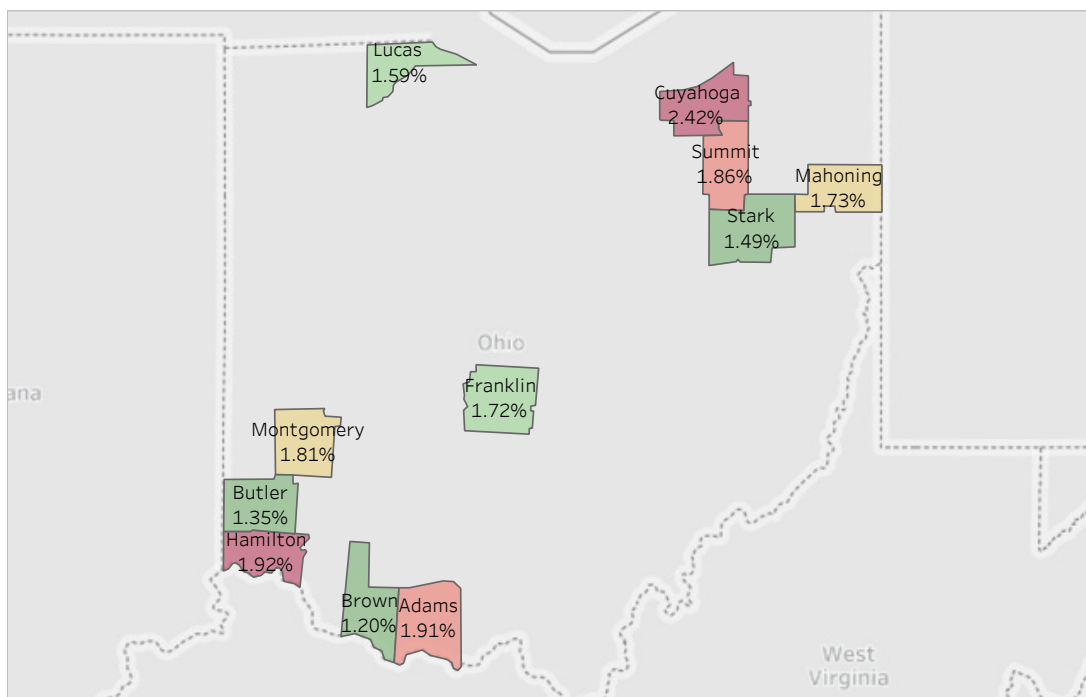


County	VLBW Aggregate Rate Q1 2012 - Q4 2017	VLBW Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	1.20%	1.52%	From 3 to 0 VLBW Infants
Adams	1.91%	1.82%	From 3 to 0 VLBW Infants

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Very Low Birthweight (%)

### OEI County Quintiles | CY 2012-2017



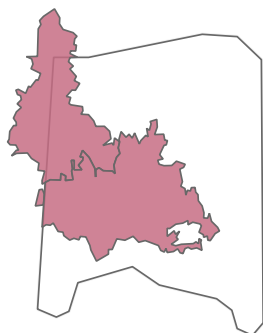
#### Map Measure Ranges

- $\geq 0 < 1.505\%$
- $\geq 1.505\% < 1.726\%$
- $\geq 1.726\% < 1.849\%$
- $\geq 1.849\% < 1.915\%$
- $\geq 1.915\%$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

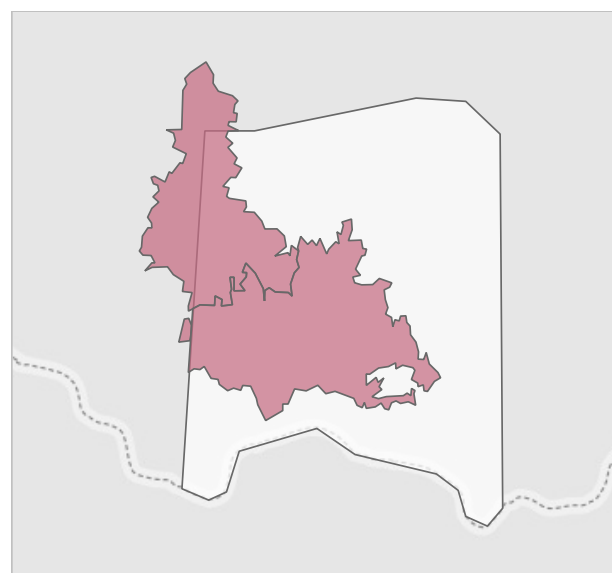
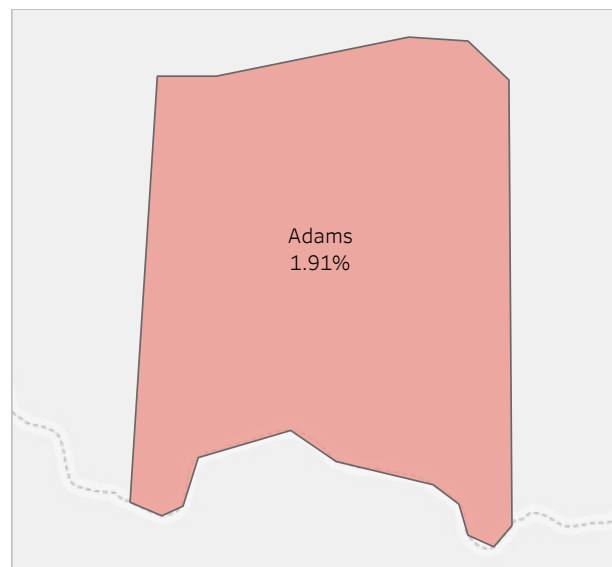
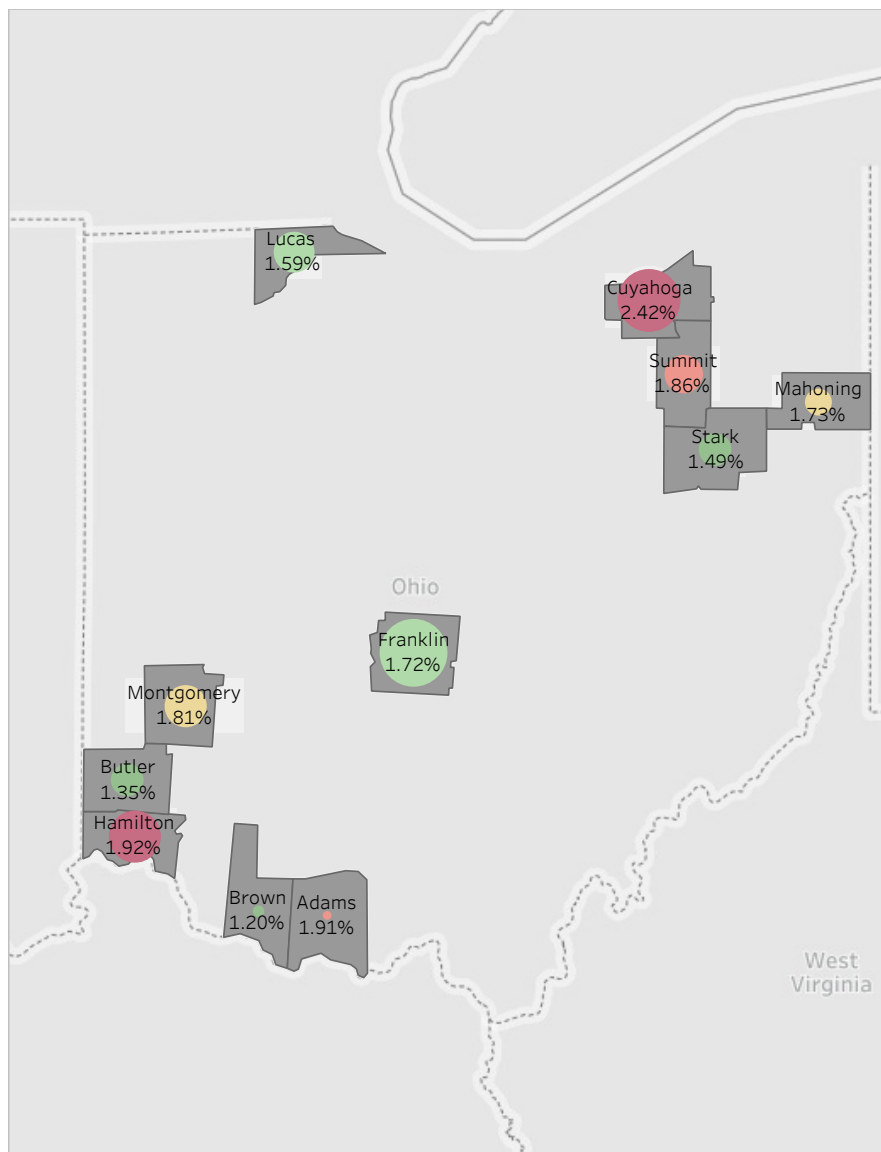


#### Brown



## Adams County - Very Low Birthweight (%)

### OEI Quintiles | CY 2012-2017



#### Map Measure Ranges

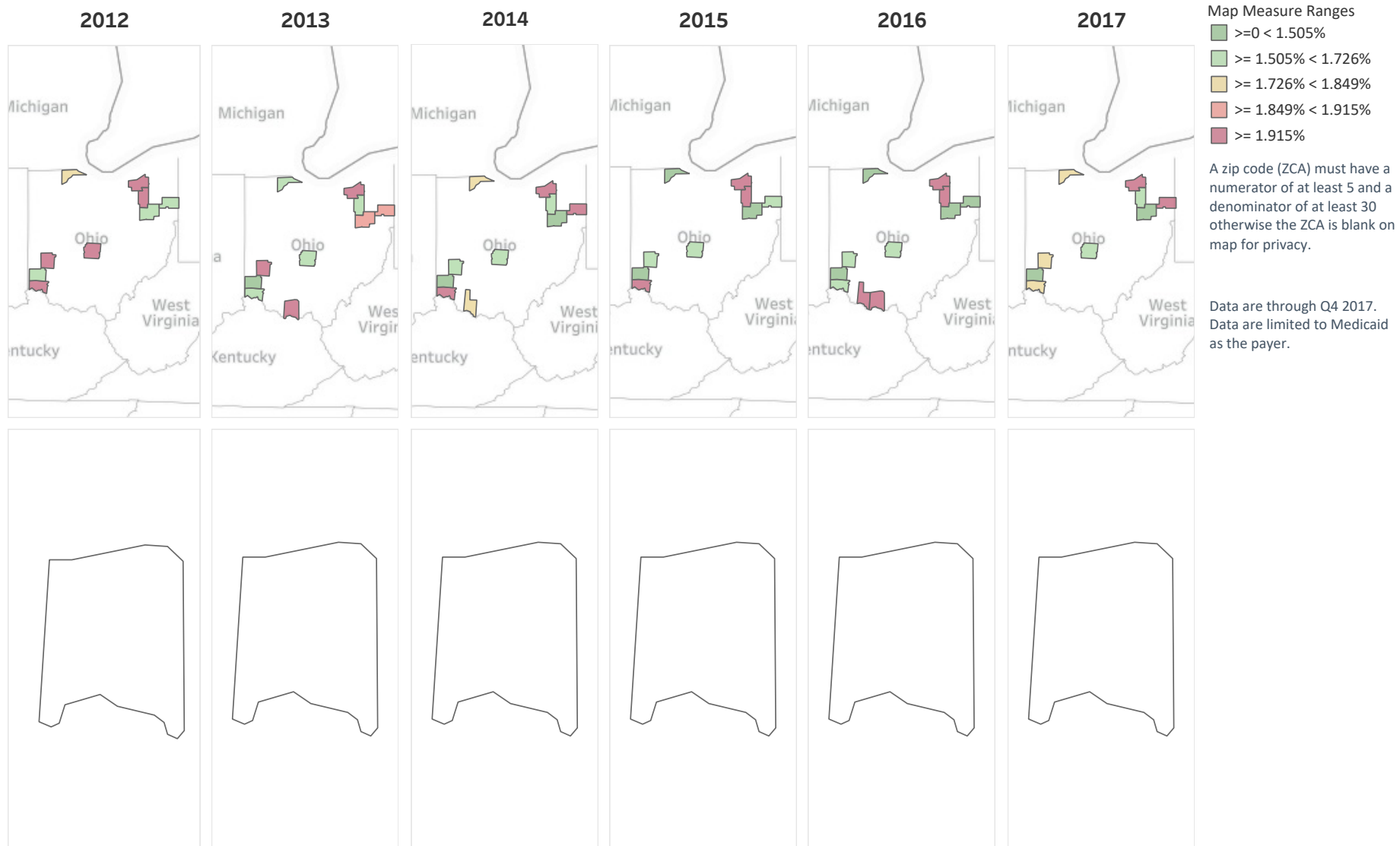
- $\geq 0 < 1.505\%$
- $\geq 1.505\% < 1.726\%$
- $\geq 1.726\% < 1.849\%$
- $\geq 1.849\% < 1.915\%$
- $\geq 1.915\%$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

## Adams County - Very Low Birthweight (%)

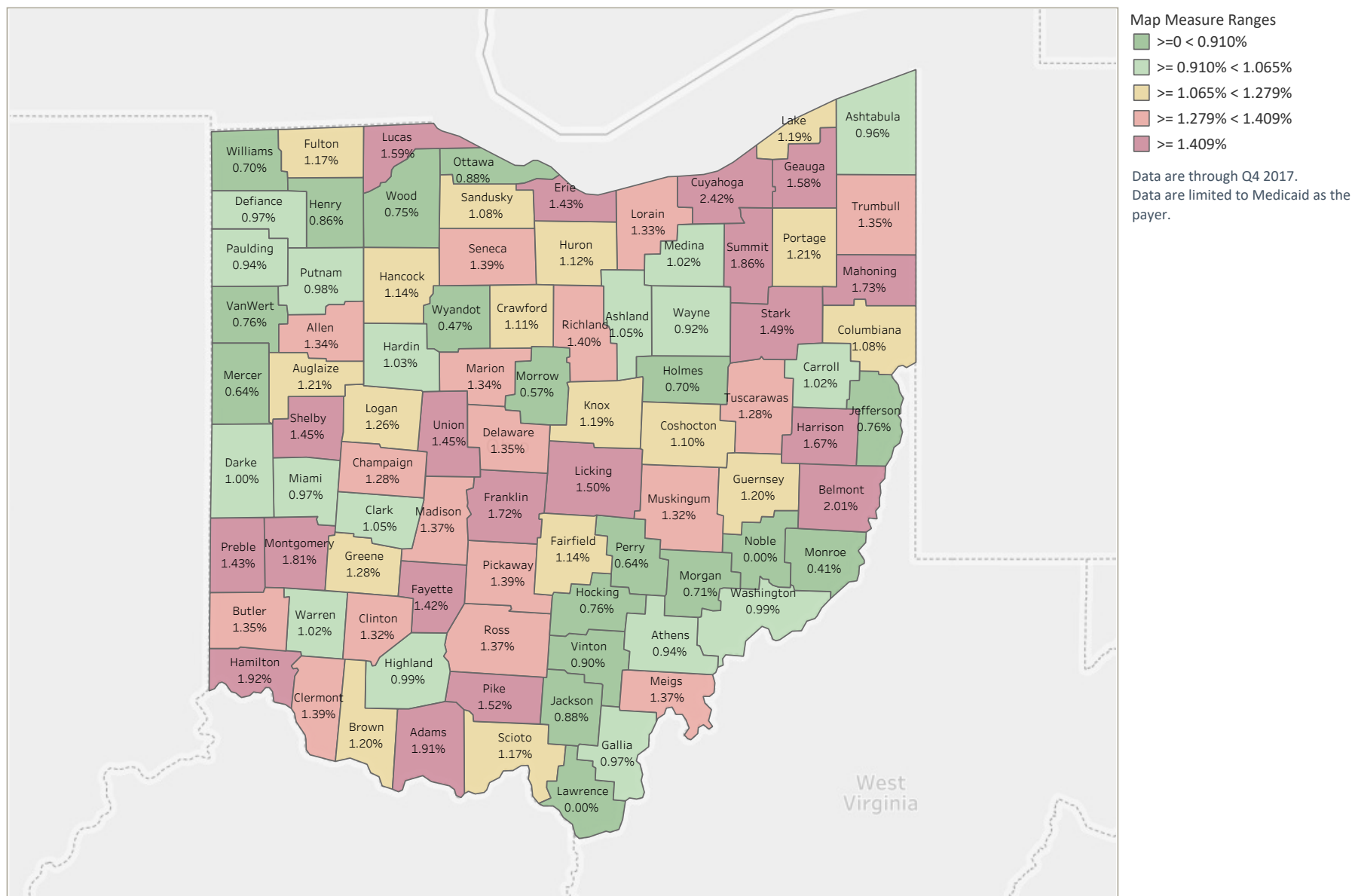
### OEI Quintiles | CY 2012-2017 Yearly Comparison





## Statewide - Very Low Birthweight (%)

### Overall Quintiles by County | CY 2012 - 2017





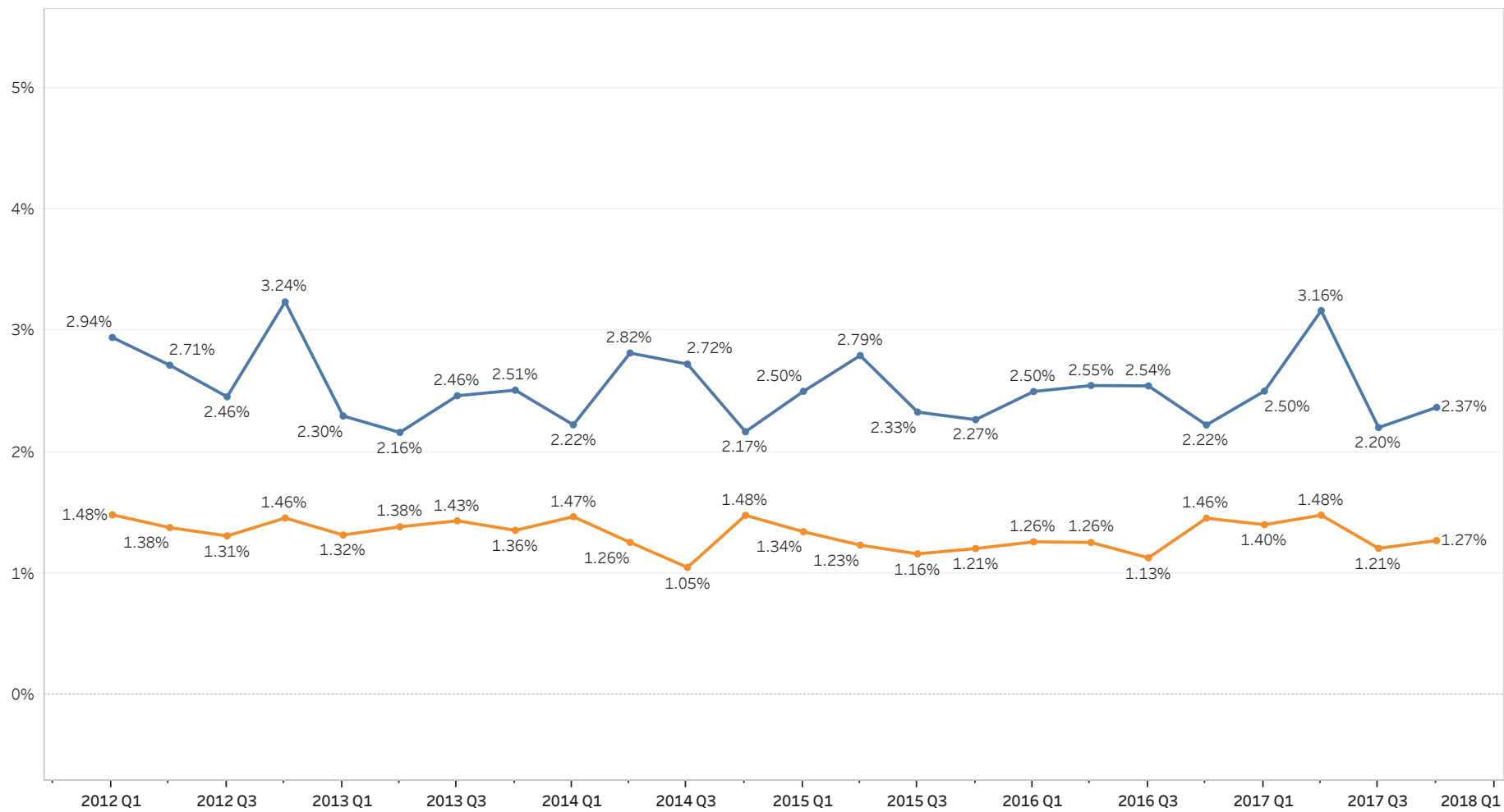
## Quarterly Trends by Race - Very Low Birthweight (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Very Low Birthweight (%) All OEI Counties | CY 2012-2017

Medicaid Plan  
All Plans

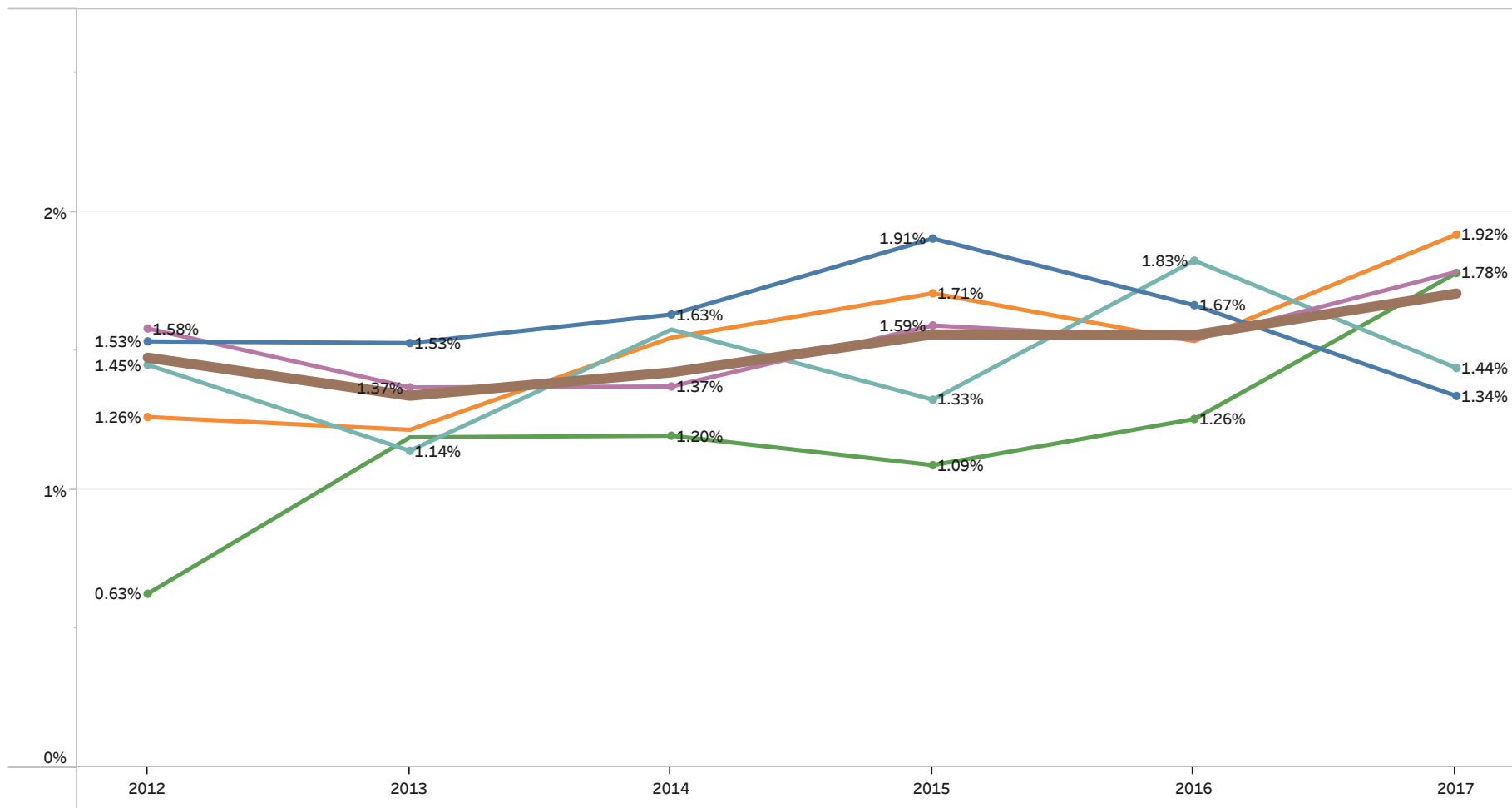
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

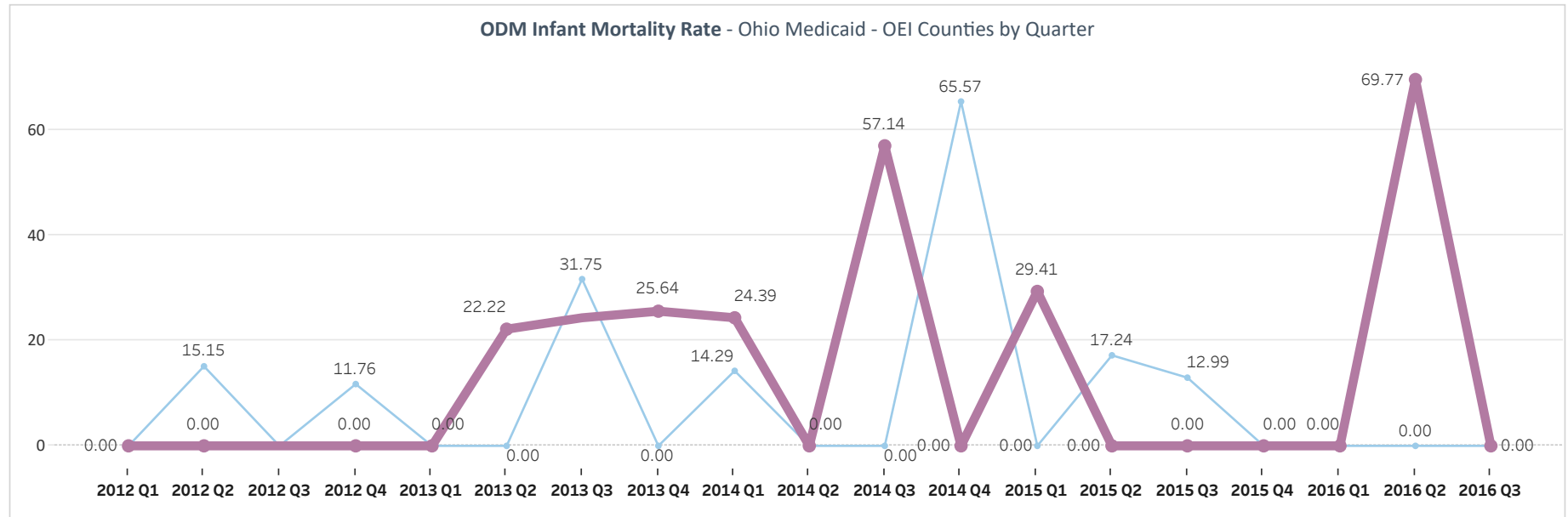


## **Infant Mortality Rate (ODM Cohort Method Using ODM Data)**

## Adams, Brown Counties - ODM Infant Mortality Rate Trends by Quarter | CY 2012-2016

Counties

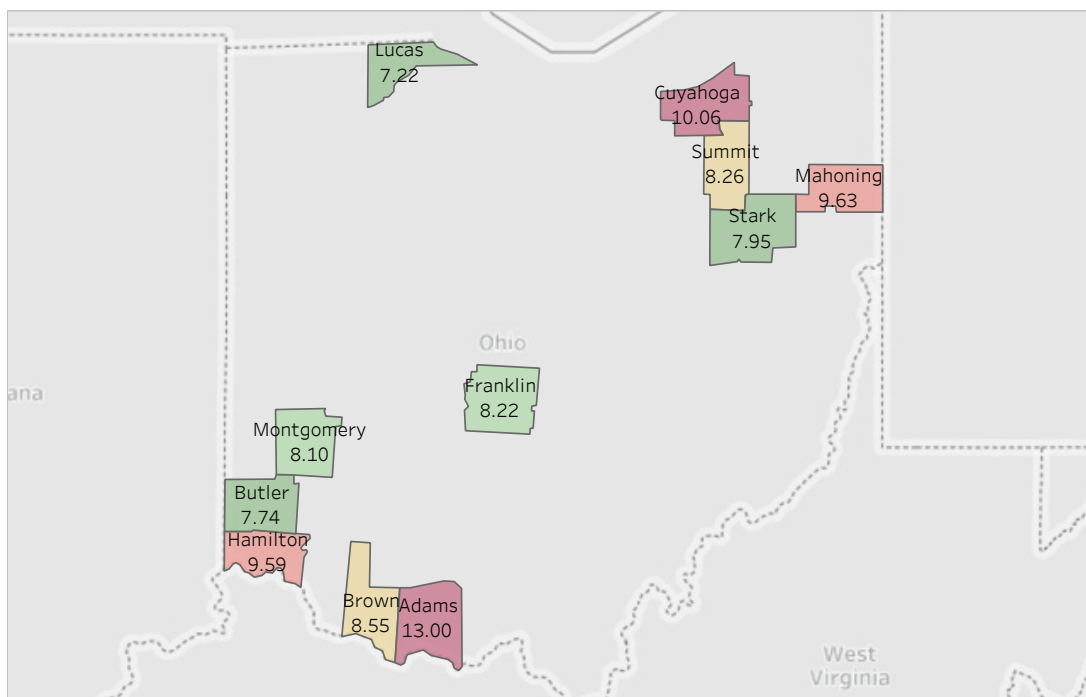
Adams Brown



County	Infant Mortality Aggregate Rate Q1 2012 - Q3 2016	Infant Mortality Current Rate Q4 2015 - Q3 2016	Annual Target for Real Impact*
Brown	8.55	0.00	From 2 to 0 Deaths
Adams	13.00	16.76	From 2 to 0 Deaths

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q3 2016) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q3 2016. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - ODM Infant Mortality Rate OEI County Quintiles | CY 2012-2016



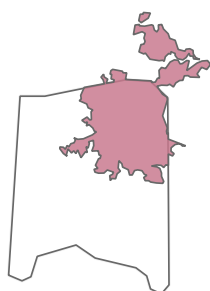
### Map Measure Ranges

- $\geq 0 < 7.959$
- $\geq 7.959 < 8.234$
- $\geq 8.234 < 9.582$
- $\geq 9.582 < 10.047$
- $\geq 10.047$

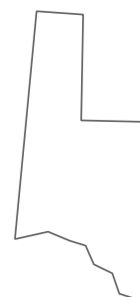
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q3 2016.  
Data are limited to Medicaid as the payer.

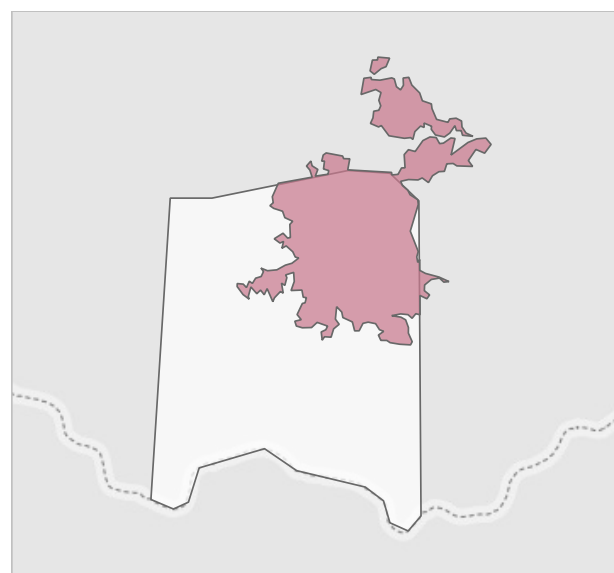
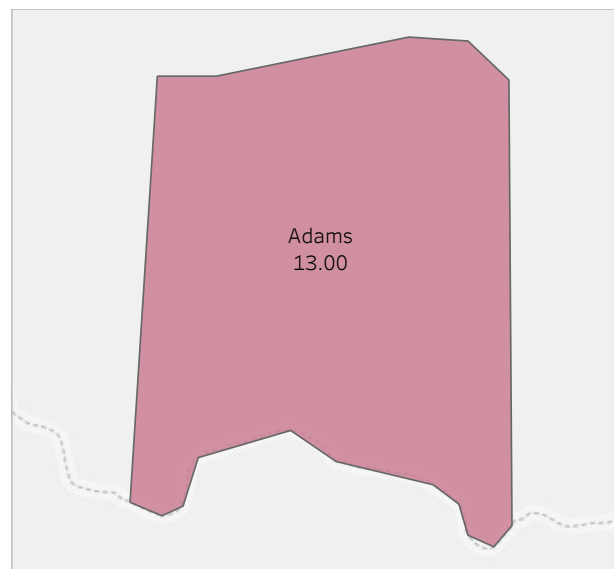
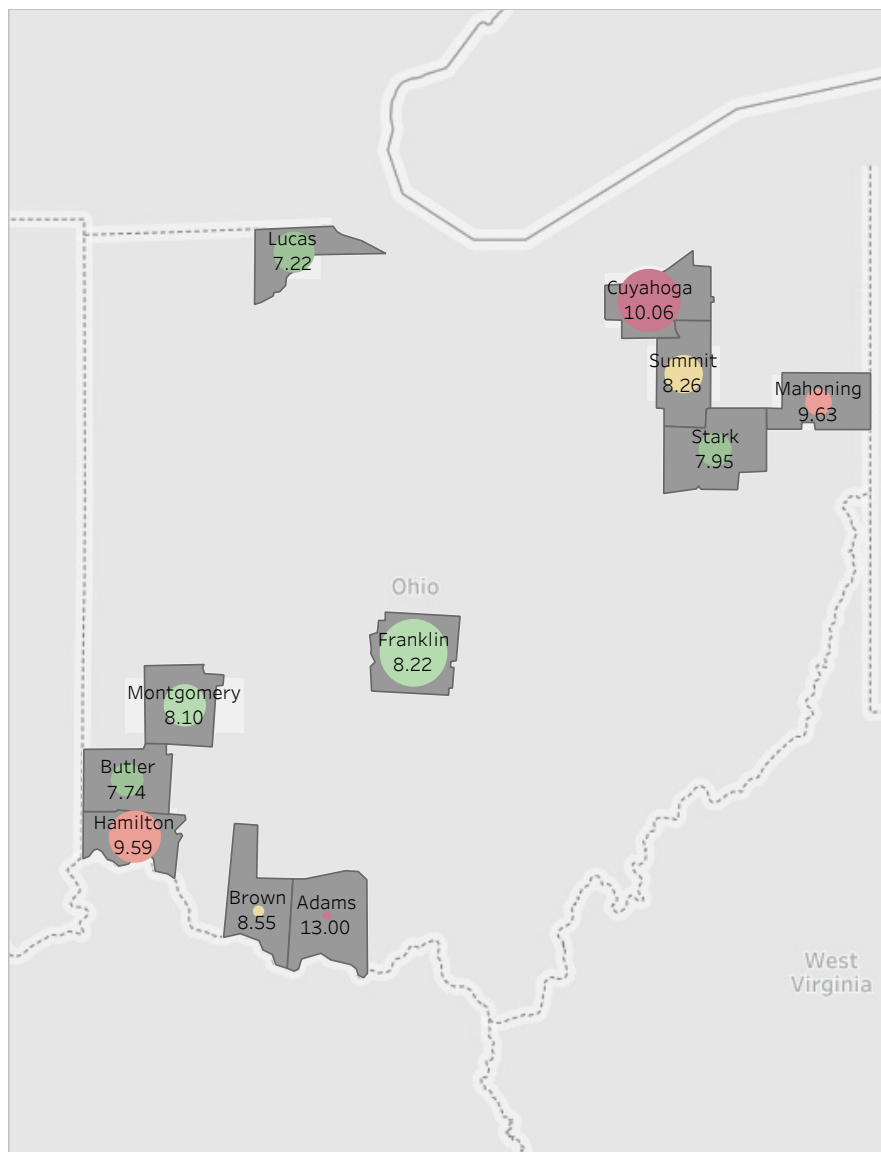
Adams



Brown



## Adams County - ODM Infant Mortality Rate OEI Quintiles | CY 2012-2016



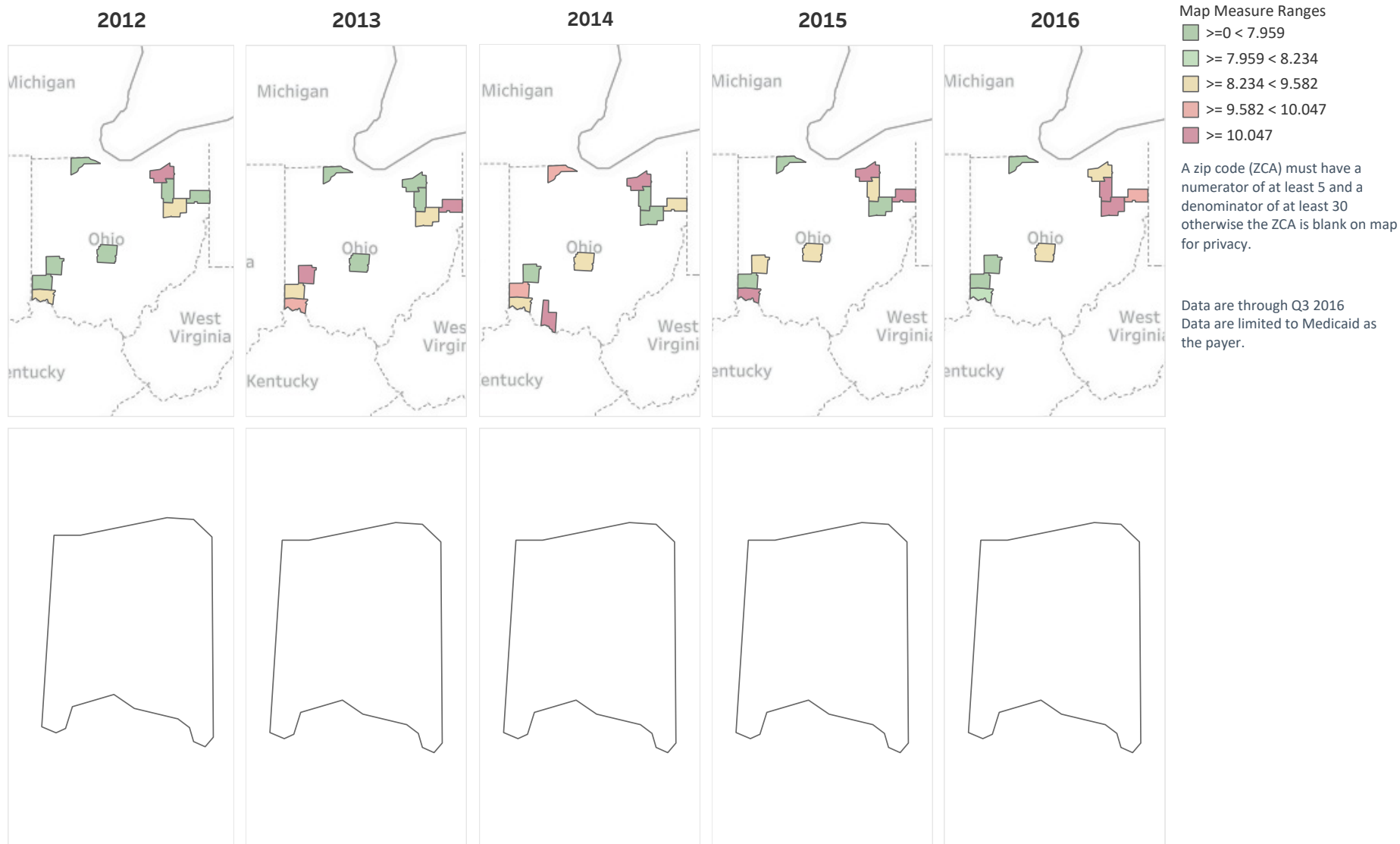
### Map Measure Ranges

- $\geq 0 < 7.959$
- $\geq 7.959 < 8.234$
- $\geq 8.234 < 9.582$
- $\geq 9.582 < 10.047$
- $\geq 10.047$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

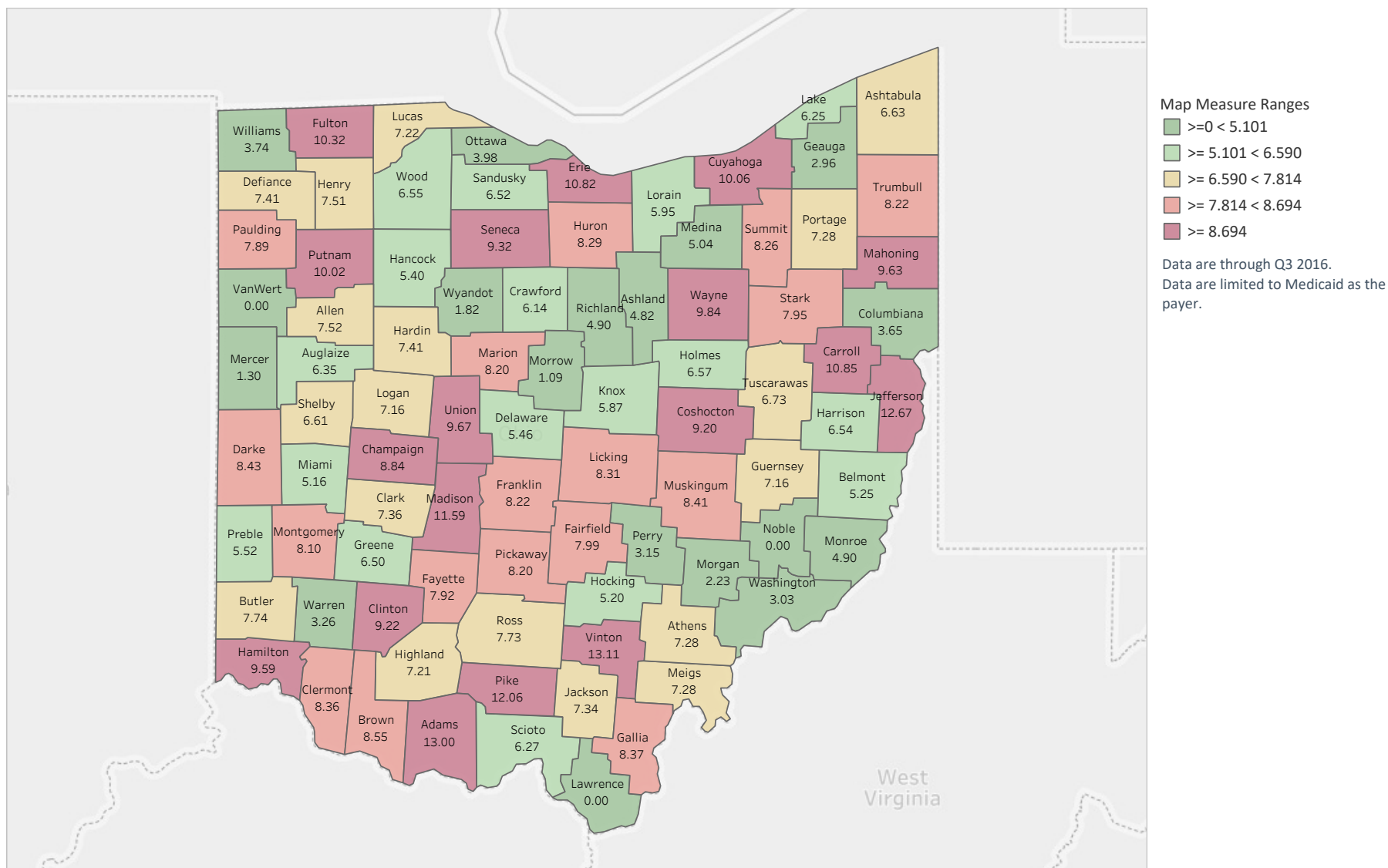
Data are through Q3 2016.  
Data are limited to Medicaid as the payer.

## Adams County - ODM Infant Mortality Rate OEI Quintiles | CY 2012-2016 Yearly Comparison





## Statewide - ODM Infant Mortality Rate Overall Quintiles by County | CY 2012 - 2016

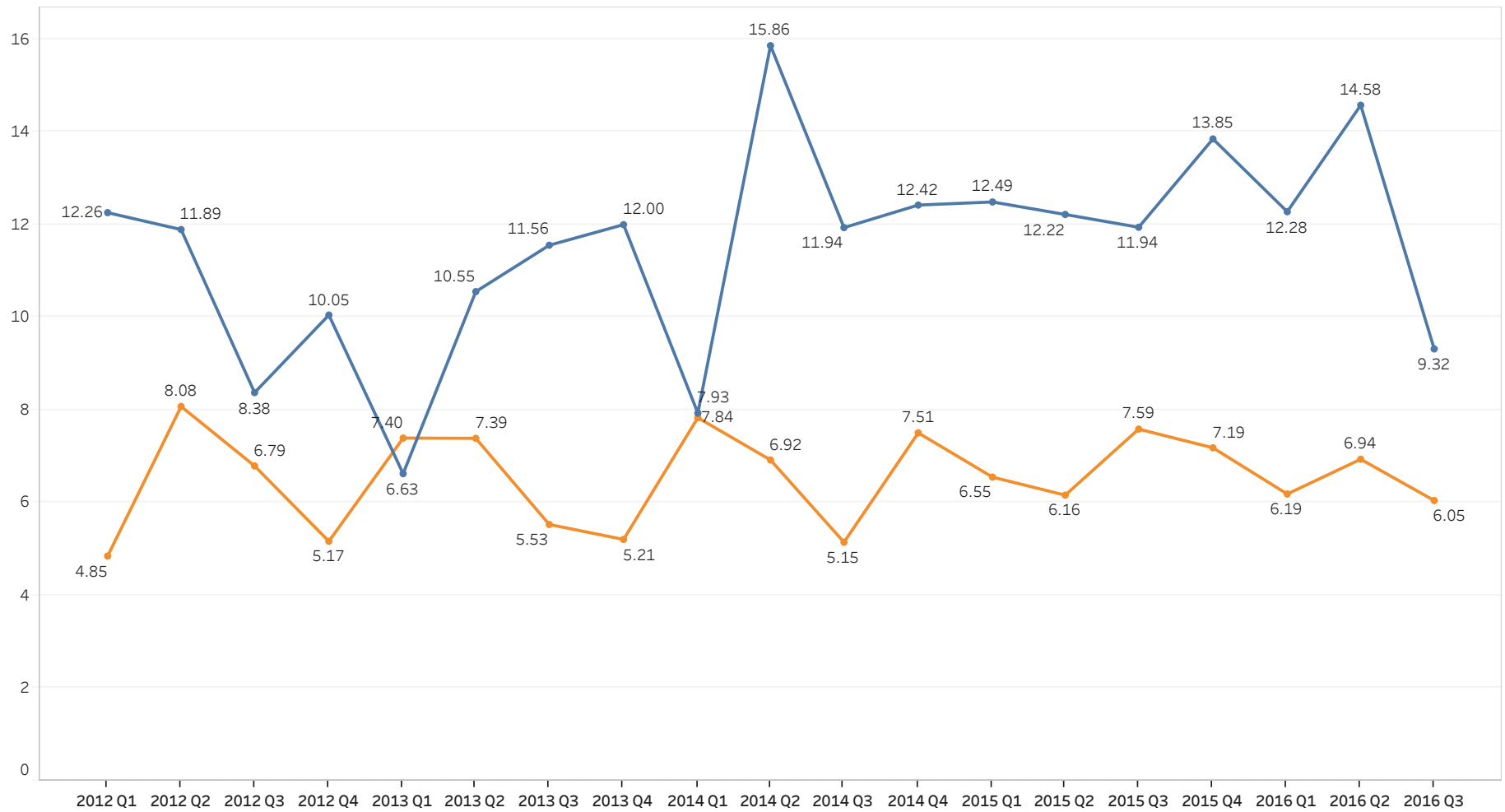


## Quarterly Trends by Race - ODM Infant Mortality Rate All OEI Counties | CY 2012-2016

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - ODM Infant Mortality Rate All OEI Counties | CY 2012-2016

Medicaid Plan

All Plans

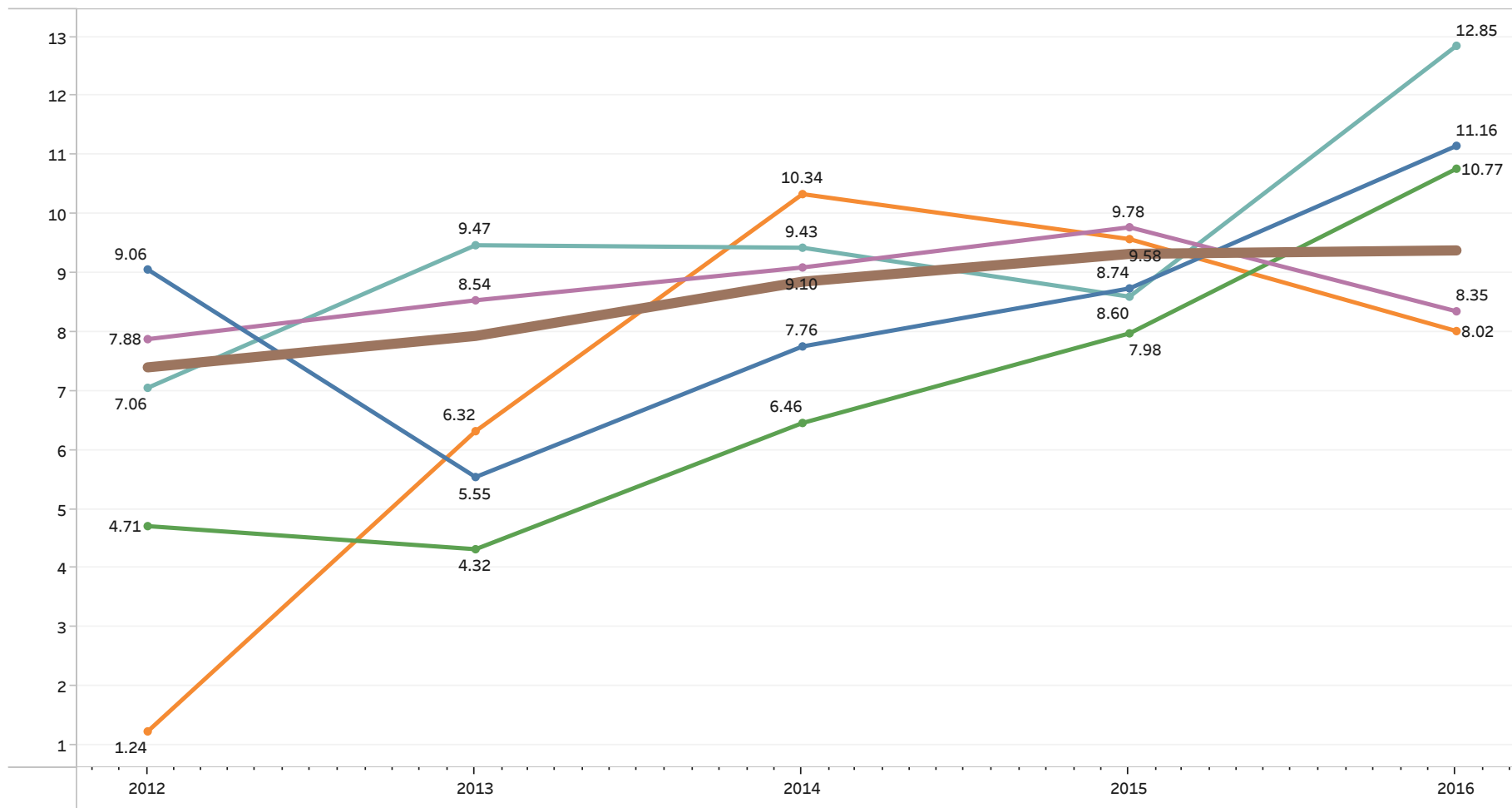
Buckeye

CareSource

Molina

Paramount

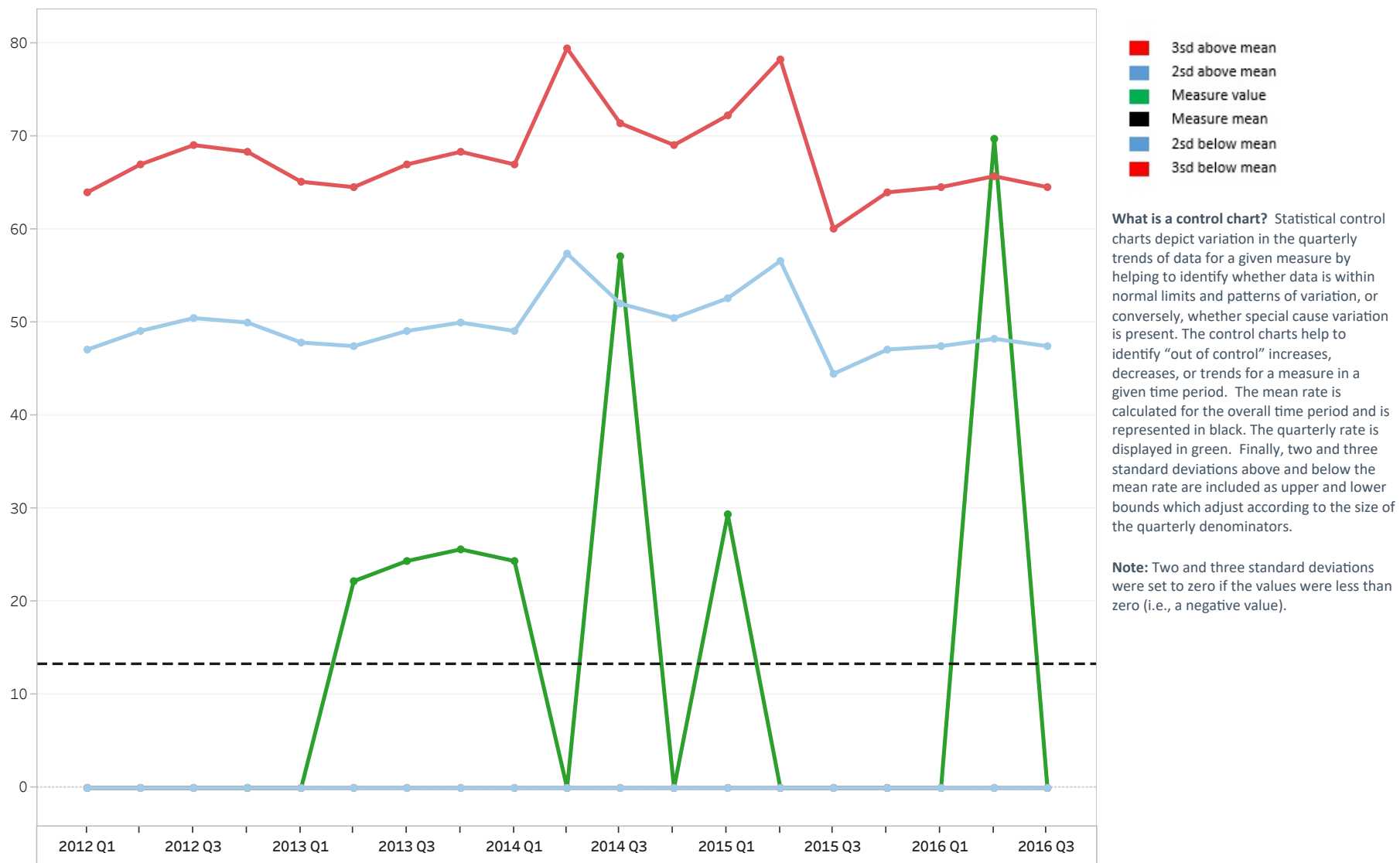
United



Data are through Q3 2016.

Data are limited to Medicaid as the payer.

## Adams County Quarterly Control Chart - ODM Infant Mortality Rate CY 2012-2016



Data are limited to Medicaid as the payer.

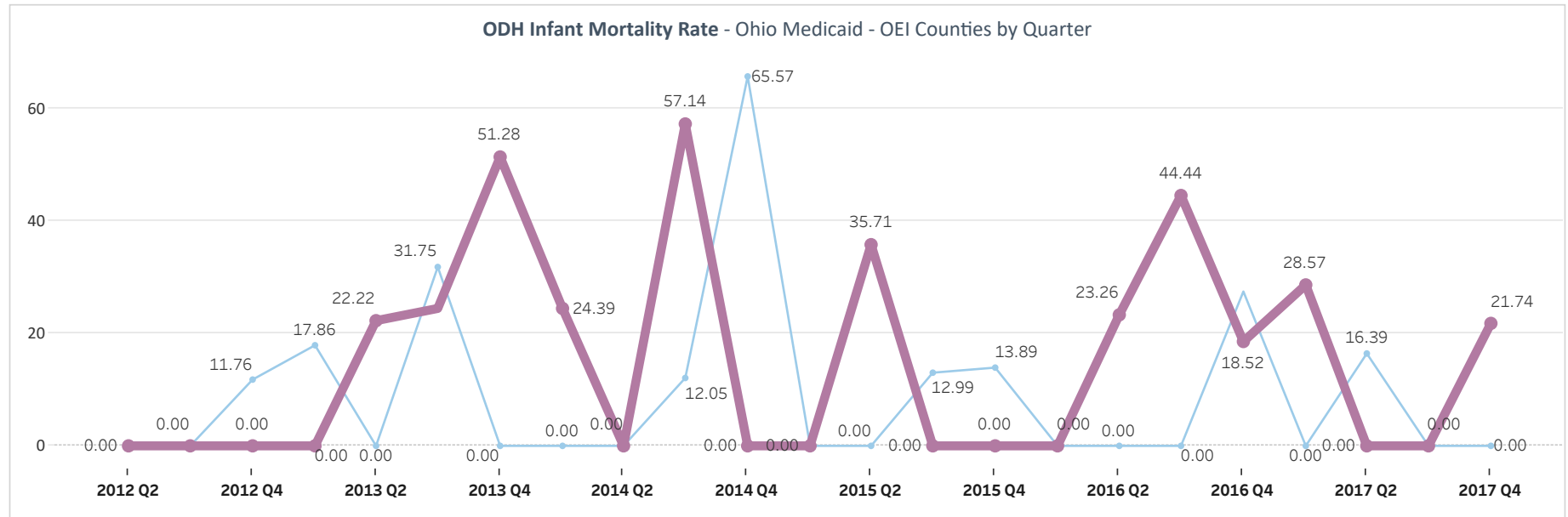


## **Infant Mortality Rate (ODH Raw Deaths/Births Method)**

## Adams, Brown Counties - ODH Infant Mortality Rate Trends by Quarter | CY 2012-2017

Counties

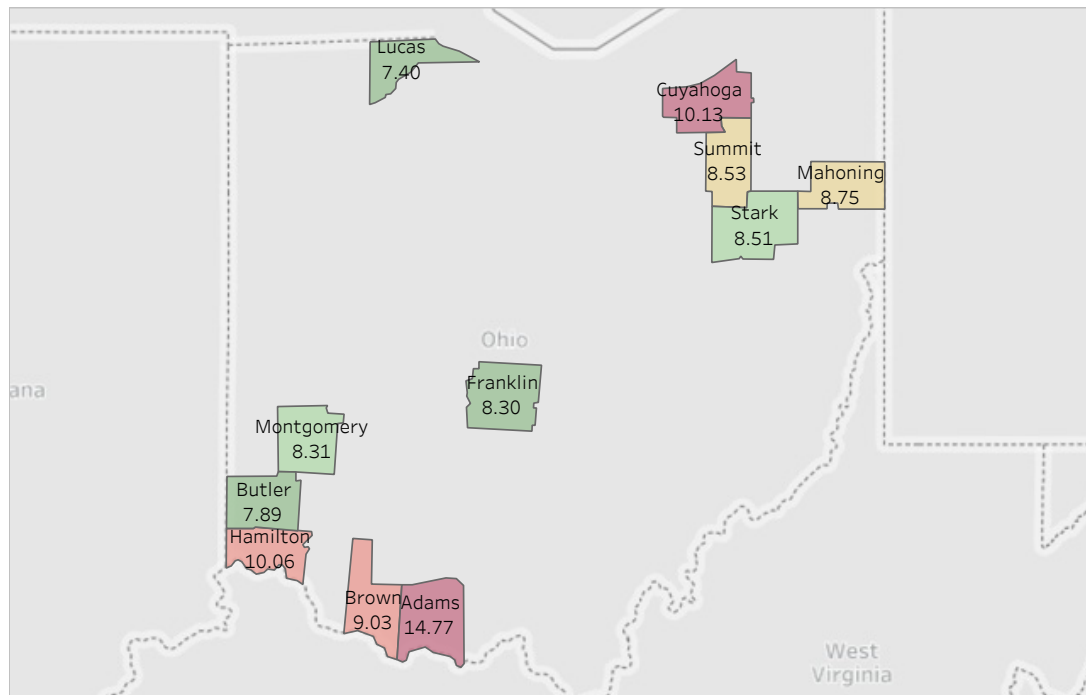
Adams Brown



County	ODH Infant Mortality Aggregate Rate Q2 2012 - Q4 2017	ODH Infant Mortality Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	9.03	3.77	From 2 to 0 Deaths
Adams	14.77	11.70	From 2 to 0 Deaths

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q2 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q2 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - ODH Infant Mortality Rate OEI County Quintiles | CY 2012-2017



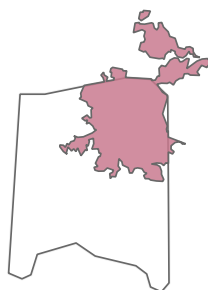
Map Measure Ranges

- >= 0 < 8.307
- >= 8.307 < 8.521
- >= 8.521 < 9.016
- >= 9.016 < 10.122
- >= 10.122

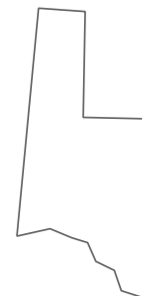
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

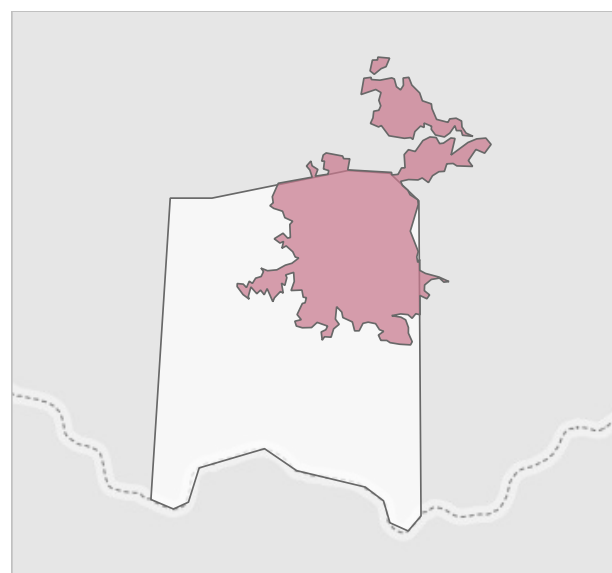
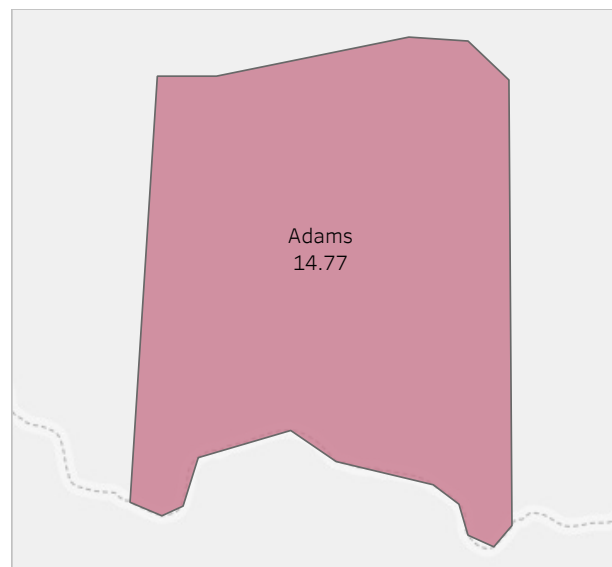
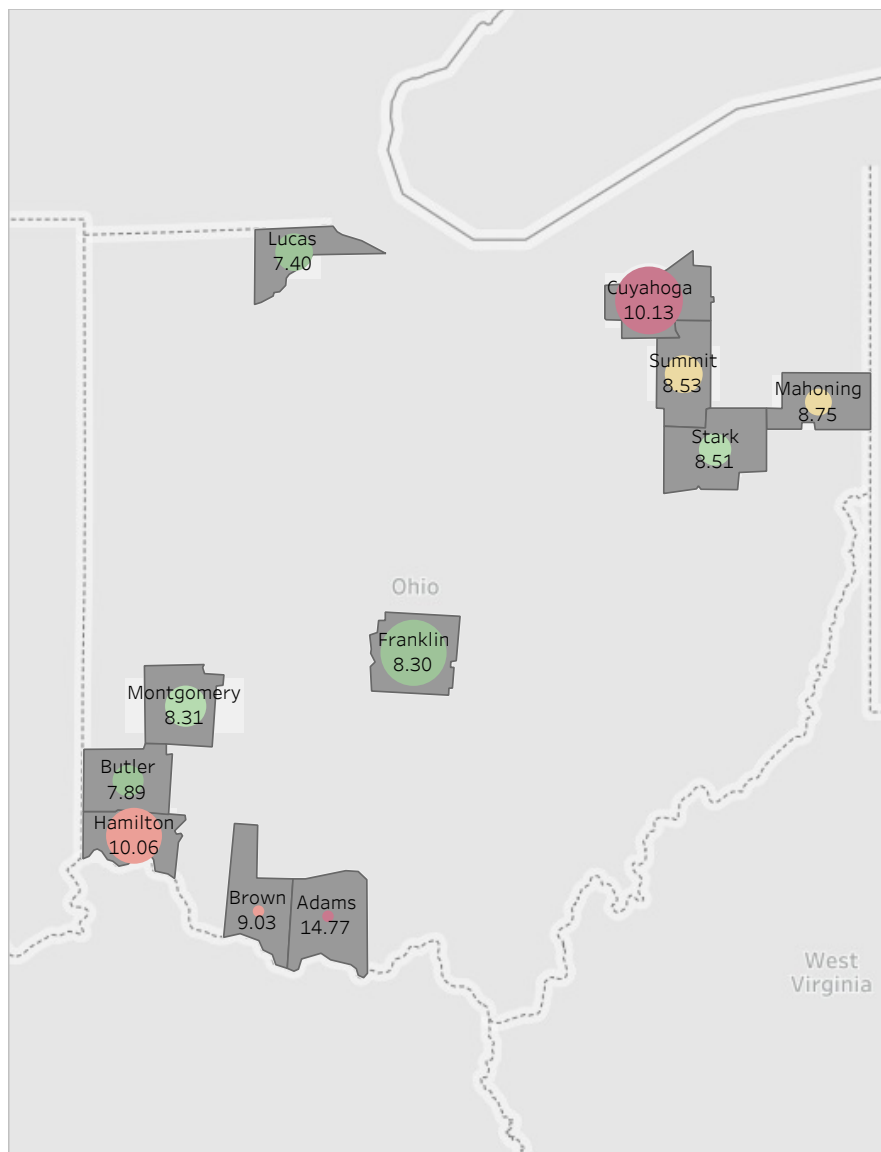
Adams



Brown



## Adams County - ODH Infant Mortality Rate OEI Quintiles | CY 2012-2017



### Map Measure Ranges

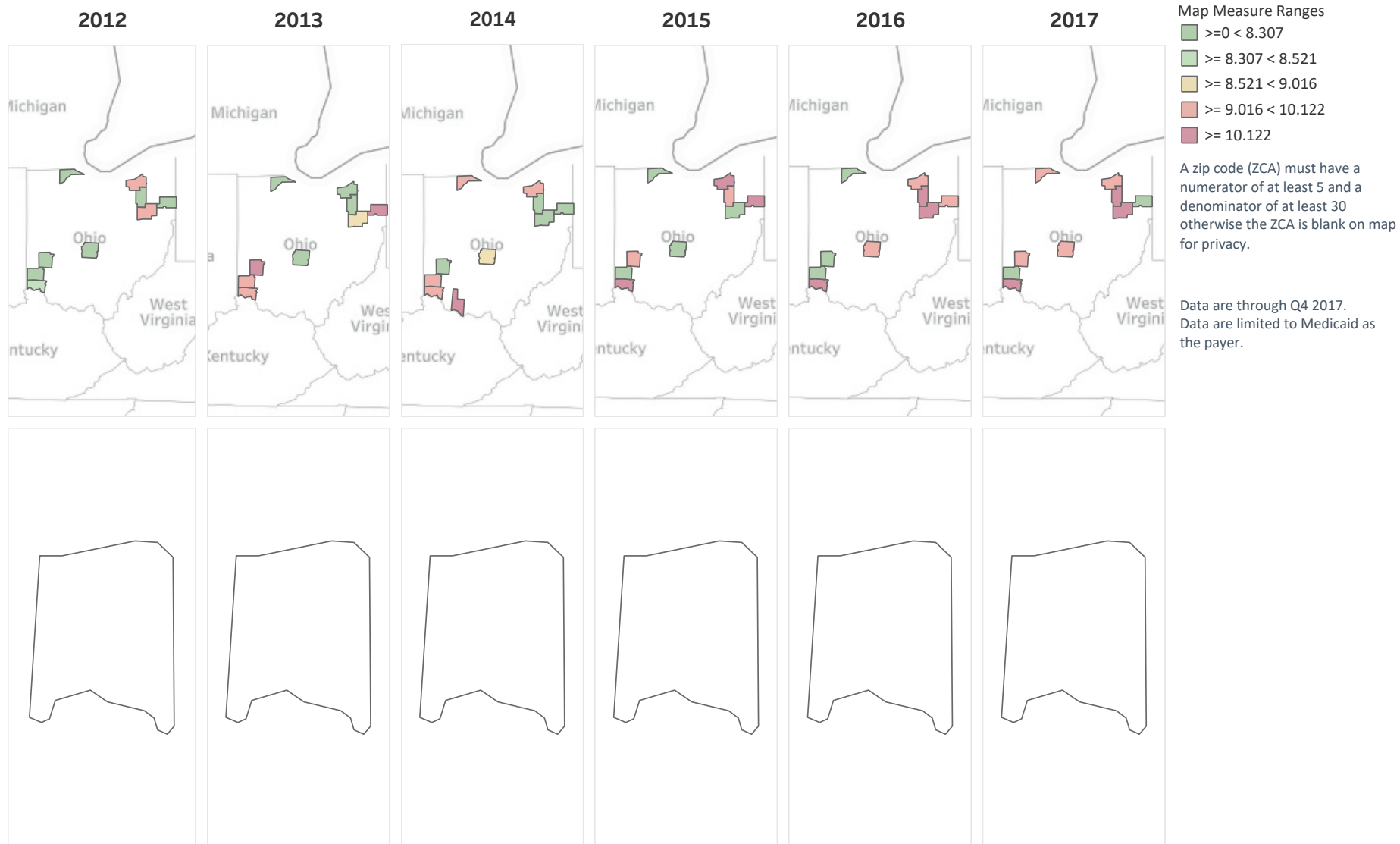
- $\geq 0 < 8.307$
- $\geq 8.307 < 8.521$
- $\geq 8.521 < 9.016$
- $\geq 9.016 < 10.122$
- $\geq 10.122$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

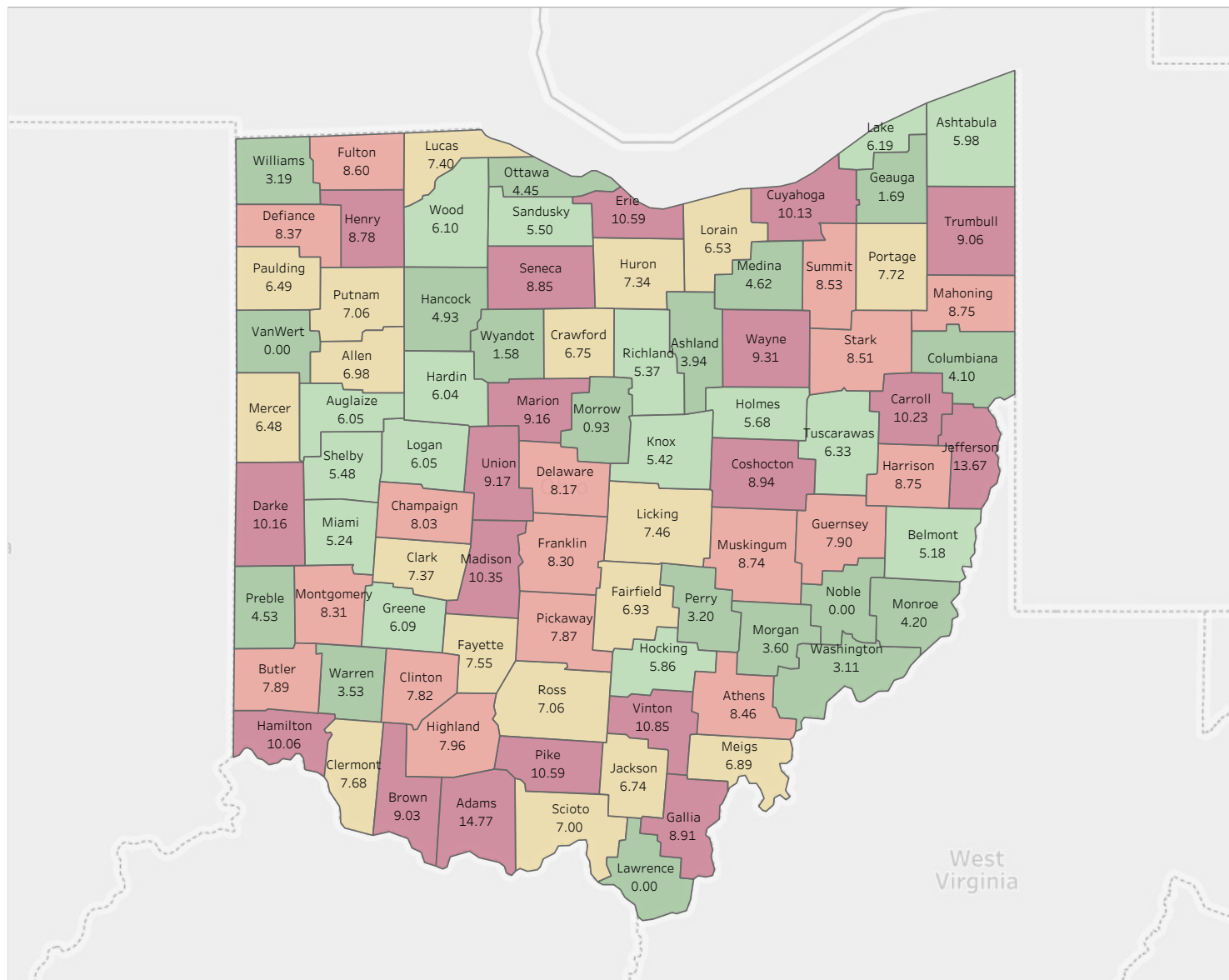
Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Adams County - ODH Infant Mortality Rate OEI Quintiles | CY 2012-2017 Yearly Comparison



## Statewide - ODH Infant Mortality Rate Overall Quintiles by County | CY 2012 - 2017



### Map Measure Ranges

- $\geq 0 < 5.057$
- $\geq 5.057 < 6.405$
- $\geq 6.405 < 7.768$
- $\geq 7.768 < 8.767$
- $\geq 8.767$

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

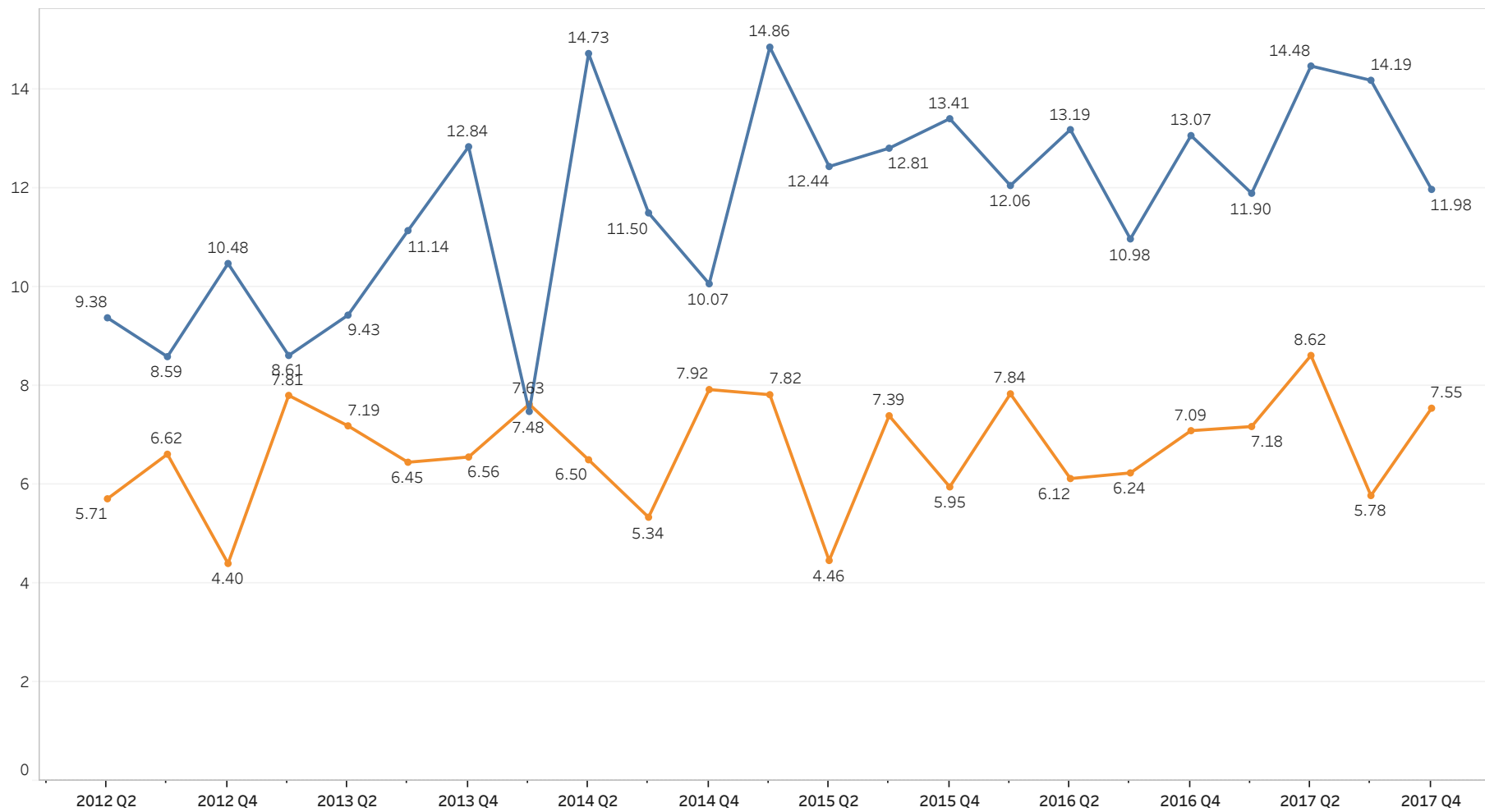


## Quarterly Trends by Race - ODH Infant Mortality Rate All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



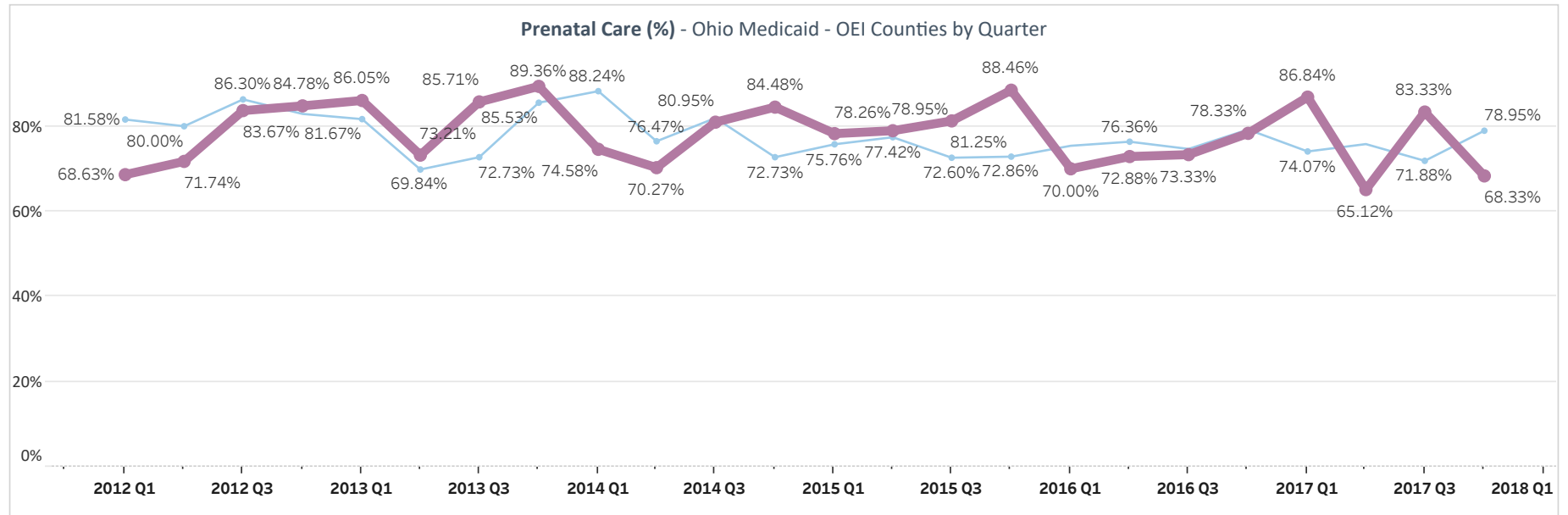
## Prenatal Care (%)

## Adams, Brown Counties - Prenatal Care (%)

### Trends by Quarter | CY 2012-2017

Counties

Adams Brown

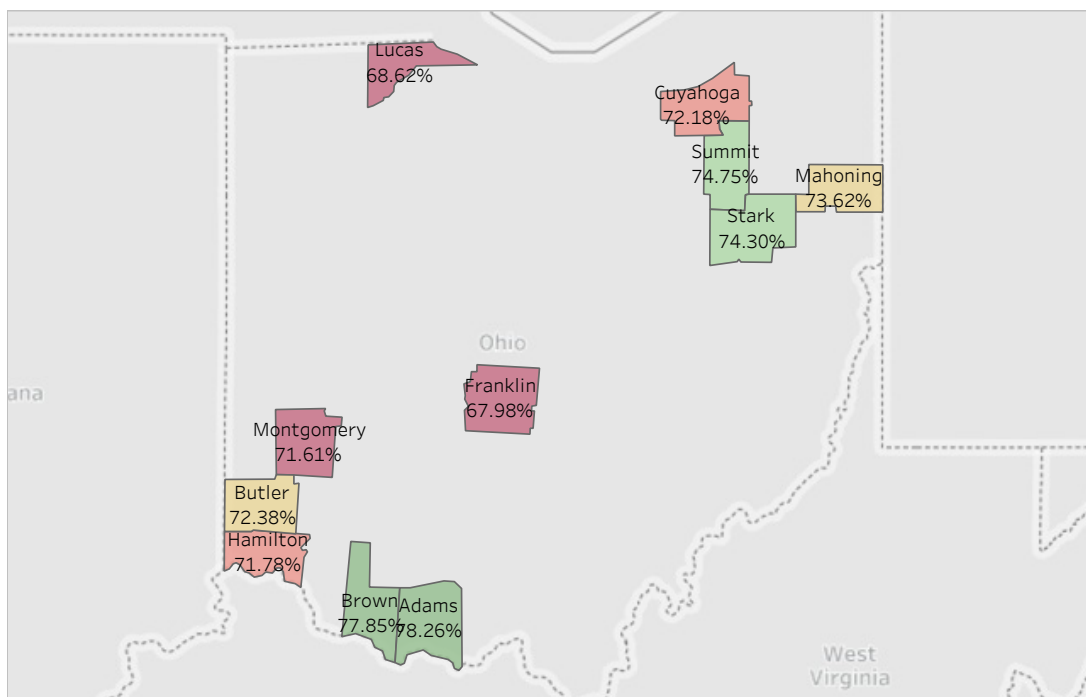


County	Prenatal Aggregate Rate Q1 2012 - Q4 2017	Prenatal Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	77.85%	75.00%	From 213 to 224 Women
Adams	78.26%	75.62%	From 157 to 167 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Prenatal Care (%)

### OEI County Quintiles | CY 2012-2017



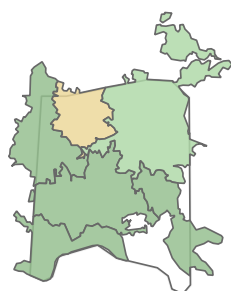
#### Map Measure Ranges

- >= 0 < 71.621%
- >= 71.621% < 72.192%
- >= 72.192% < 74.292%
- >= 74.292% < 77.835%
- >= 77.835%

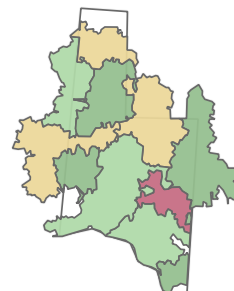
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

Adams

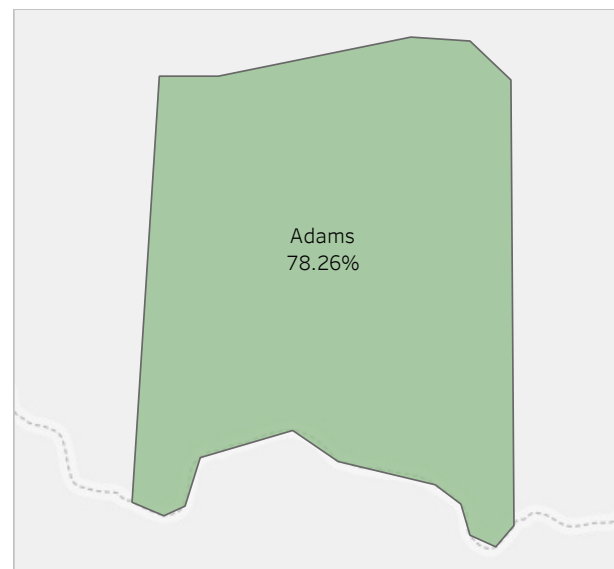
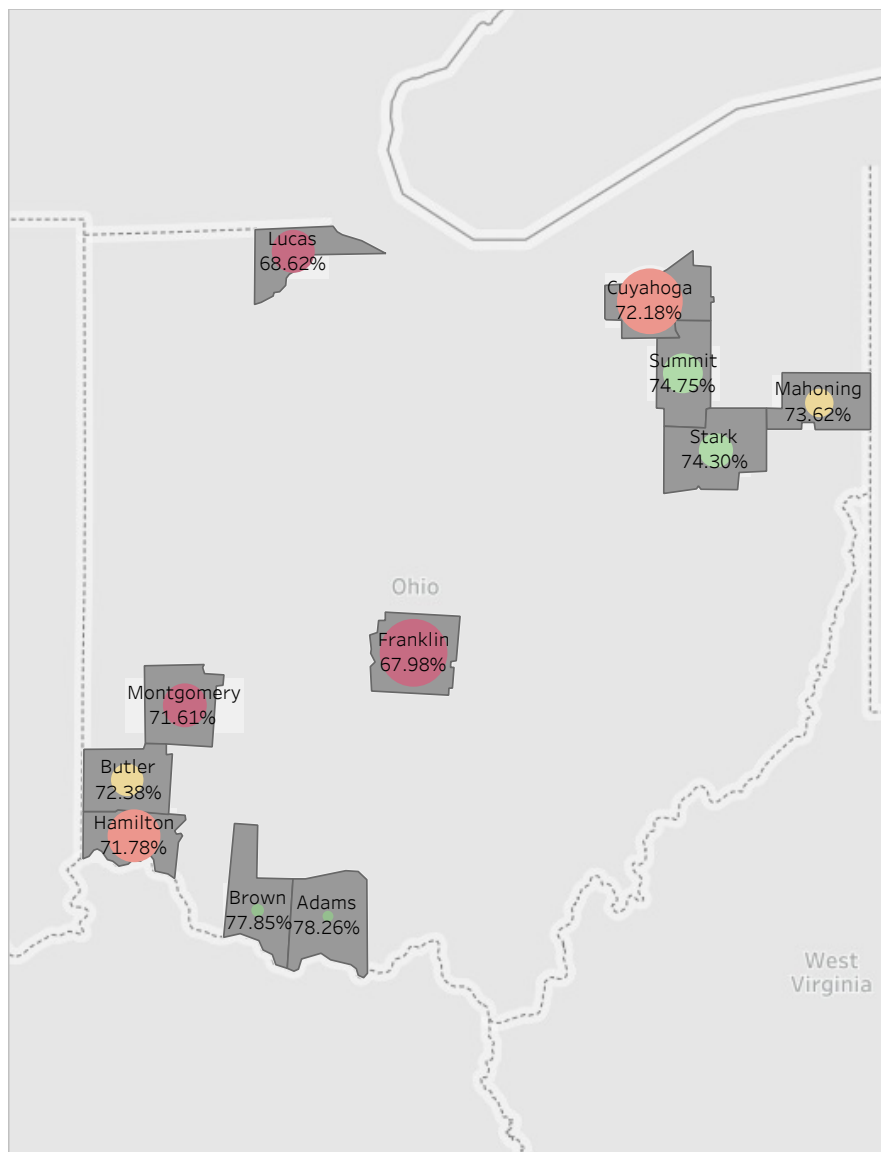


Brown



## Adams County - Prenatal Care (%)

### OEI Quintiles | CY 2012-2017

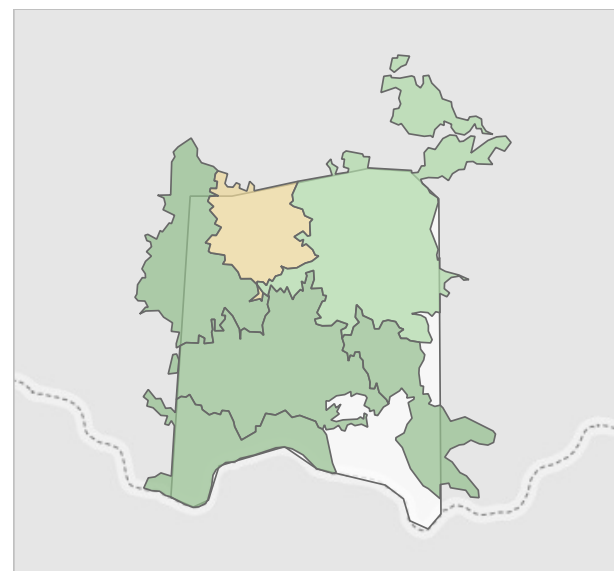


#### Map Measure Ranges

- >= 0 < 71.621%
- >= 71.621% < 72.192%
- >= 72.192% < 74.292%
- >= 74.292% < 77.835%
- >= 77.835%

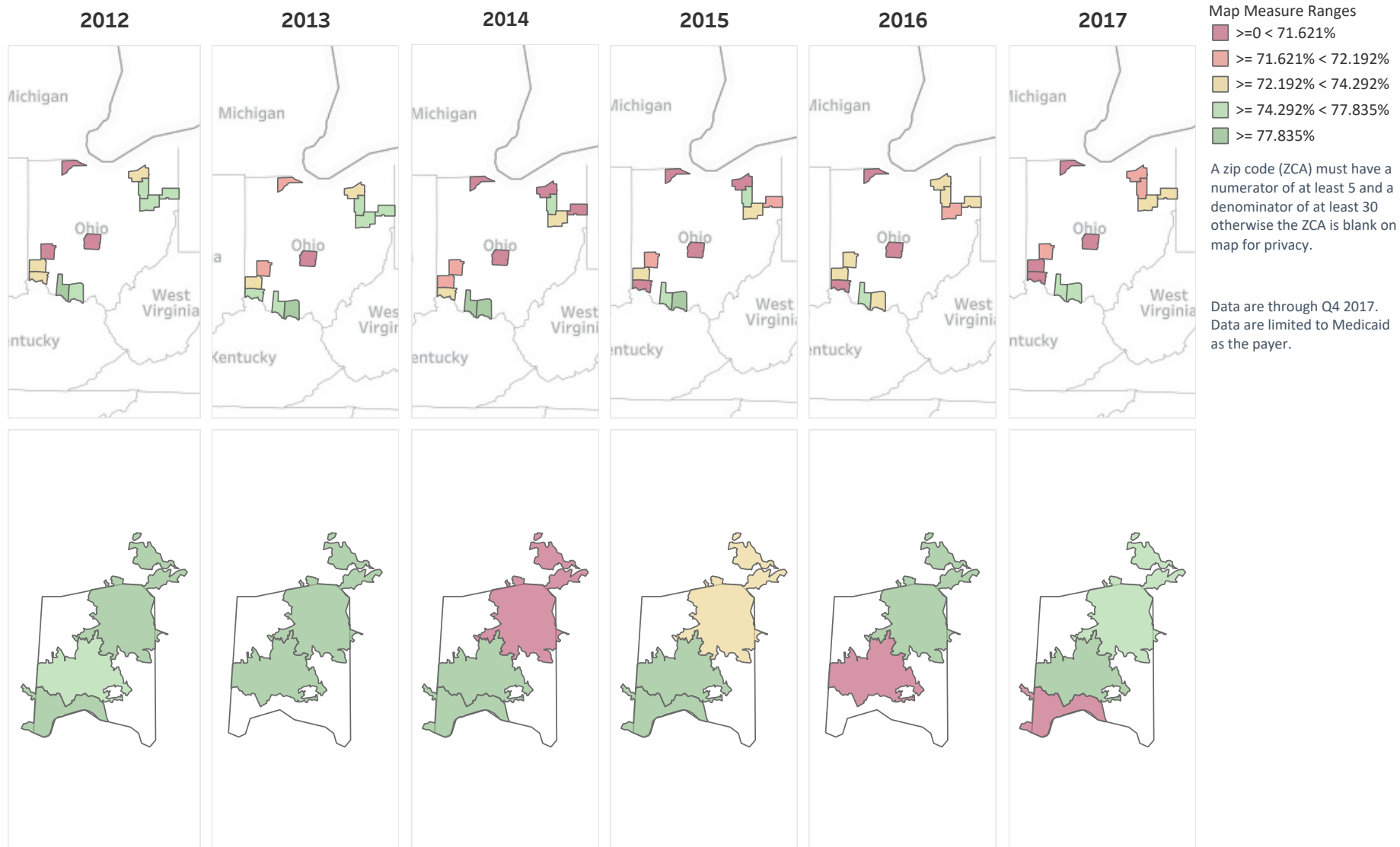
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Adams County - Prenatal Care (%)

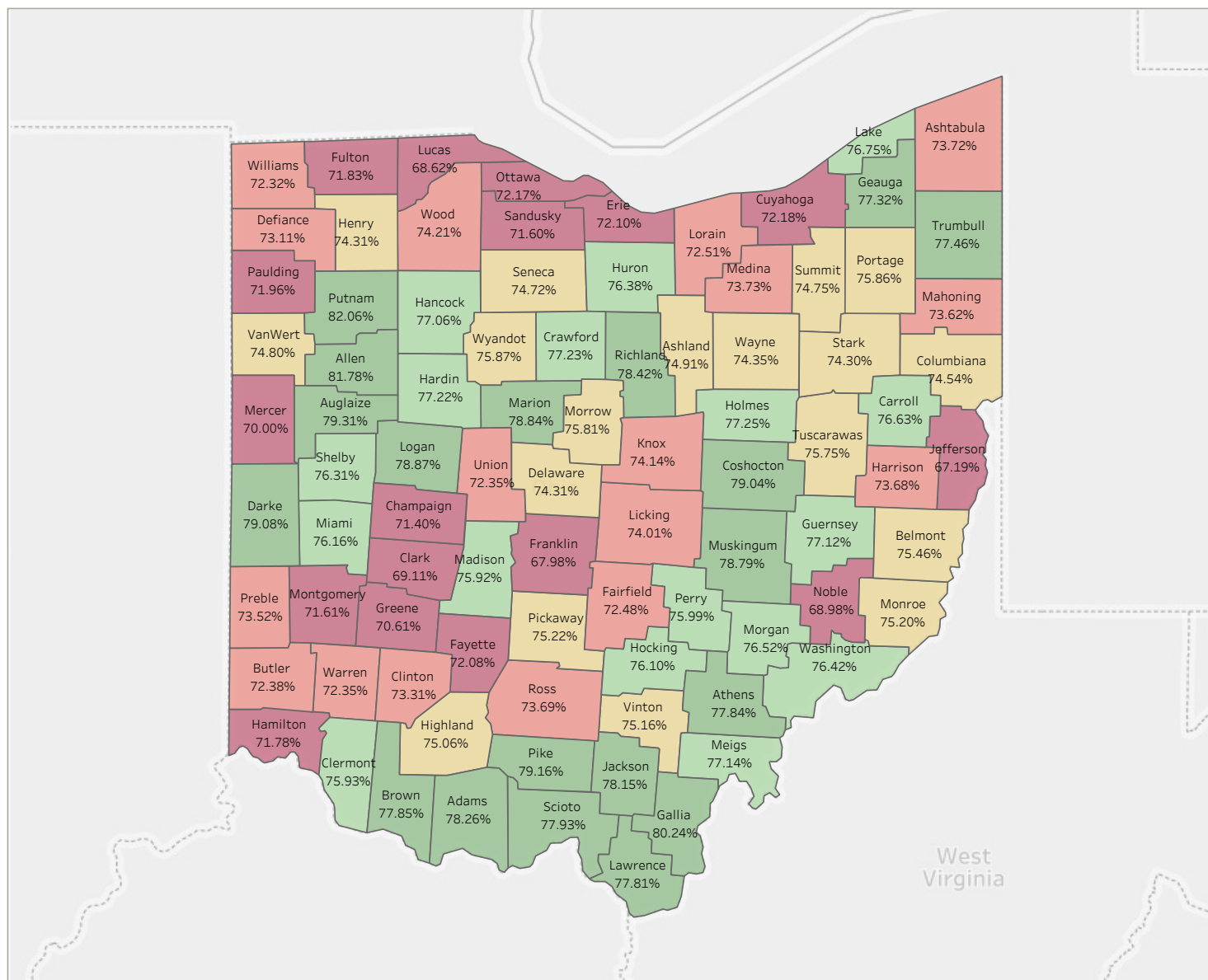
### OEI Quintiles | CY 2012-2017 Yearly Comparison





## Statewide - Prenatal Care (%)

### Overall Quintiles by County | CY 2012 - 2017



#### Map Measure Ranges

- >=0 < 72.251%
- >= 72.251% < 74.255%
- >= 74.255% < 75.899%
- >= 75.899% < 77.284%
- >= 77.284%

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



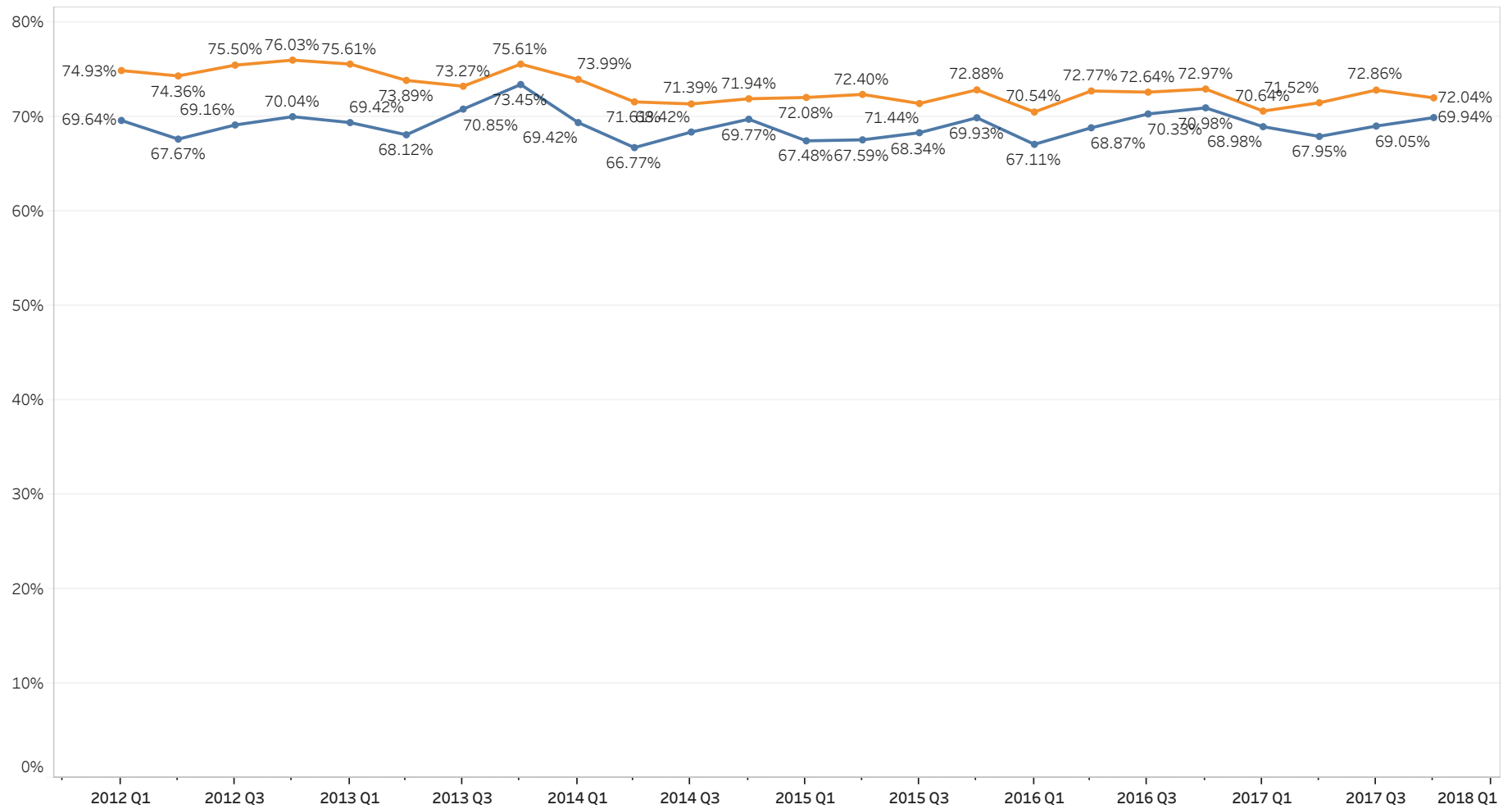
### Quarterly Trends by Race - Prenatal Care (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Prenatal Care (%) All OEI Counties | CY 2012-2017

Medicaid Plan  
All Plans

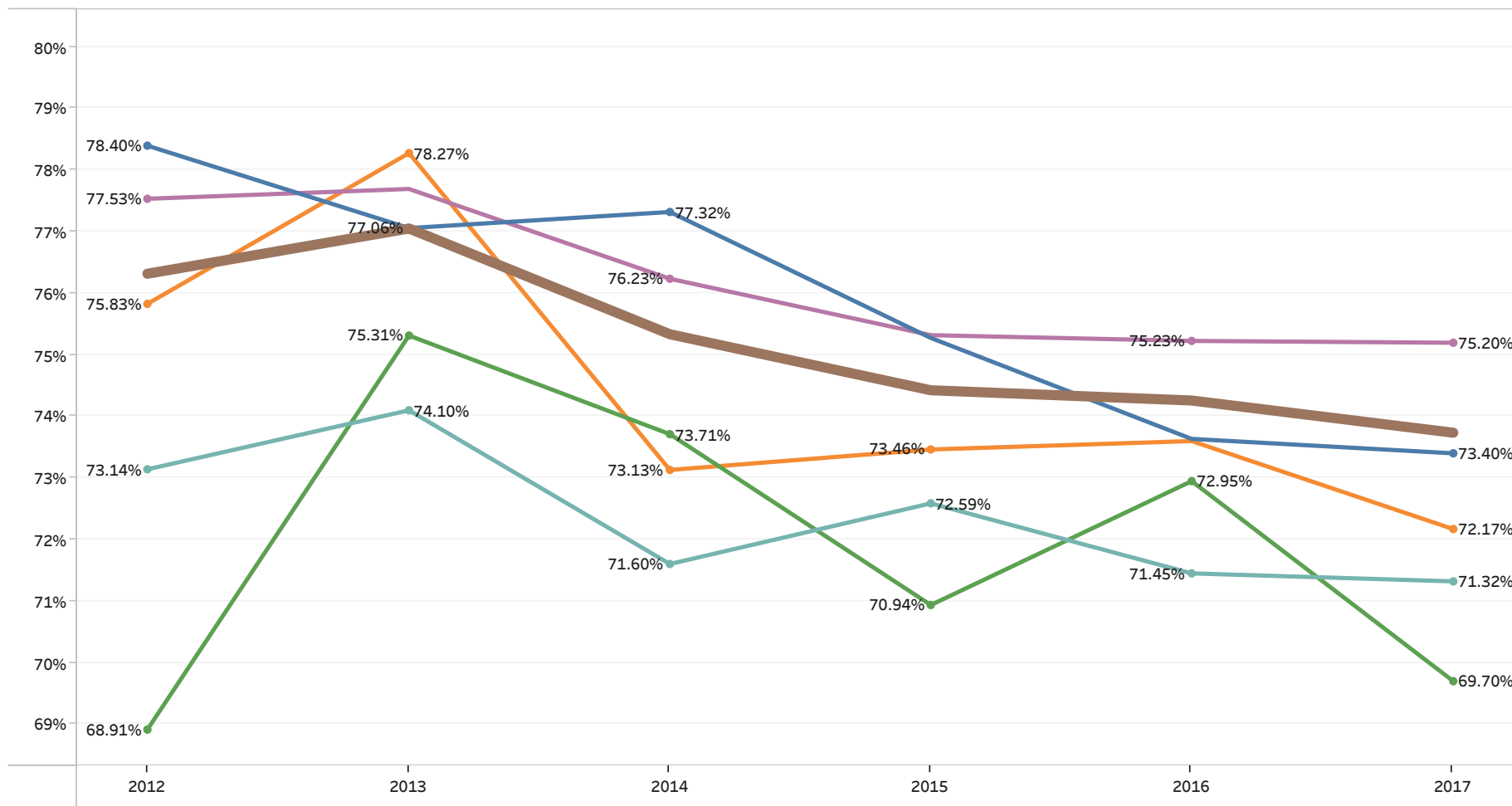
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.



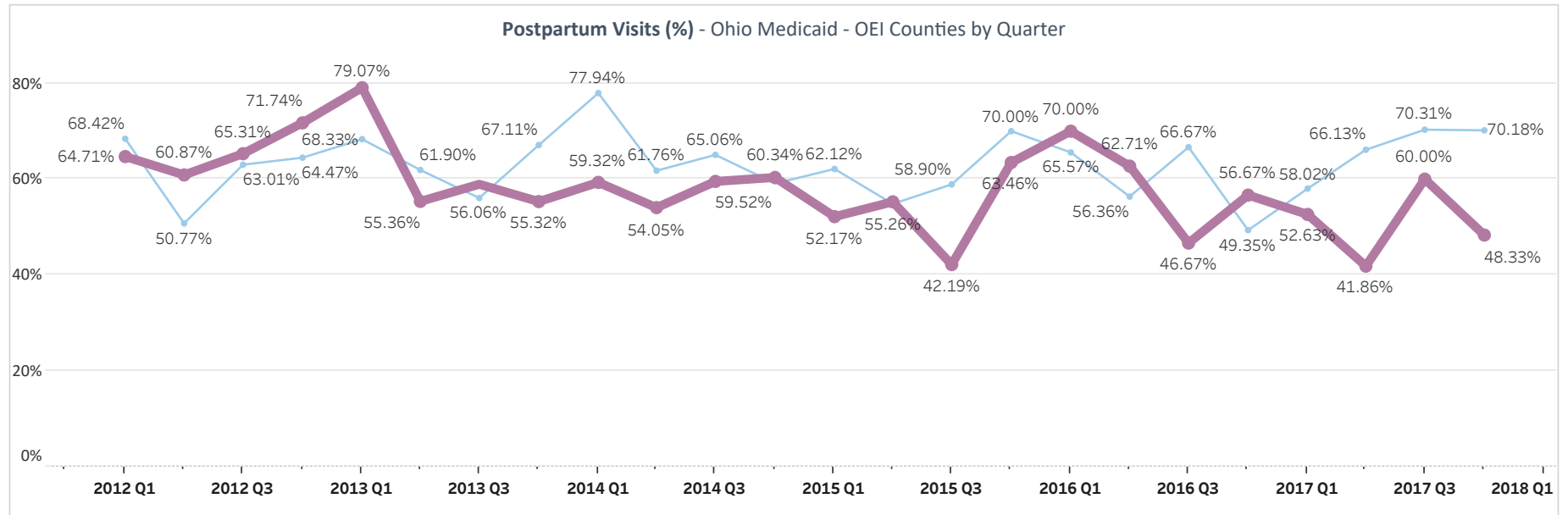
## Postpartum Visits (%)

## Adams, Brown Counties - Postpartum Visits (%)

### Trends by Quarter | CY 2012-2017

Counties

Adams Brown

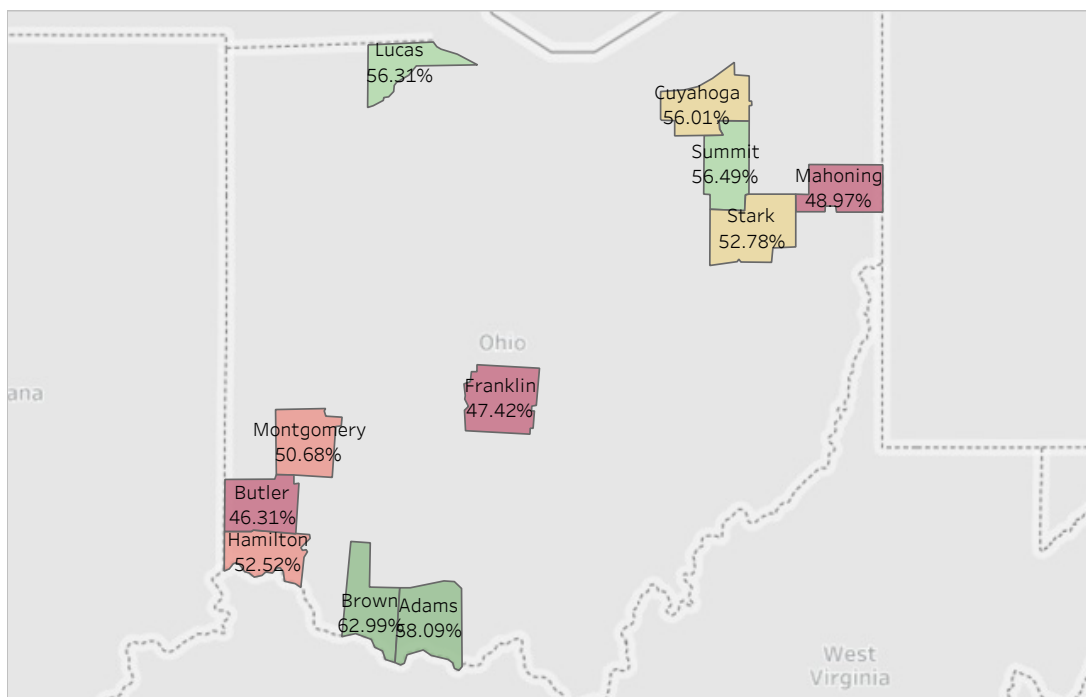


County	Postpartum Aggregate Rate Q1 2012 - Q4 2017	Postpartum Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	62.99%	65.53%	From 173 to 186 Women
Adams	58.09%	51.24%	From 117 to 128 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Postpartum Visits (%)

### OEI County Quintiles | CY 2012-2017



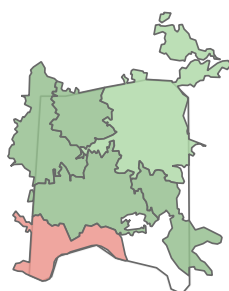
#### Map Measure Ranges

- $\geq 0 < 48.984\%$
- $\geq 48.984\% < 52.531\%$
- $\geq 52.531\% < 56.298\%$
- $\geq 56.298\% < 58.081\%$
- $\geq 58.081\%$

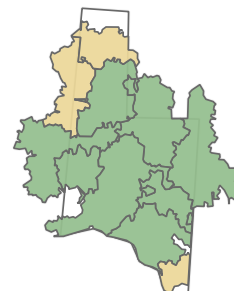
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

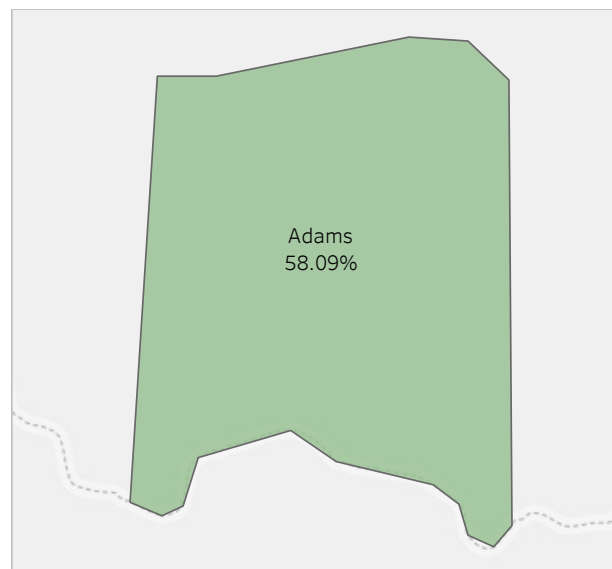
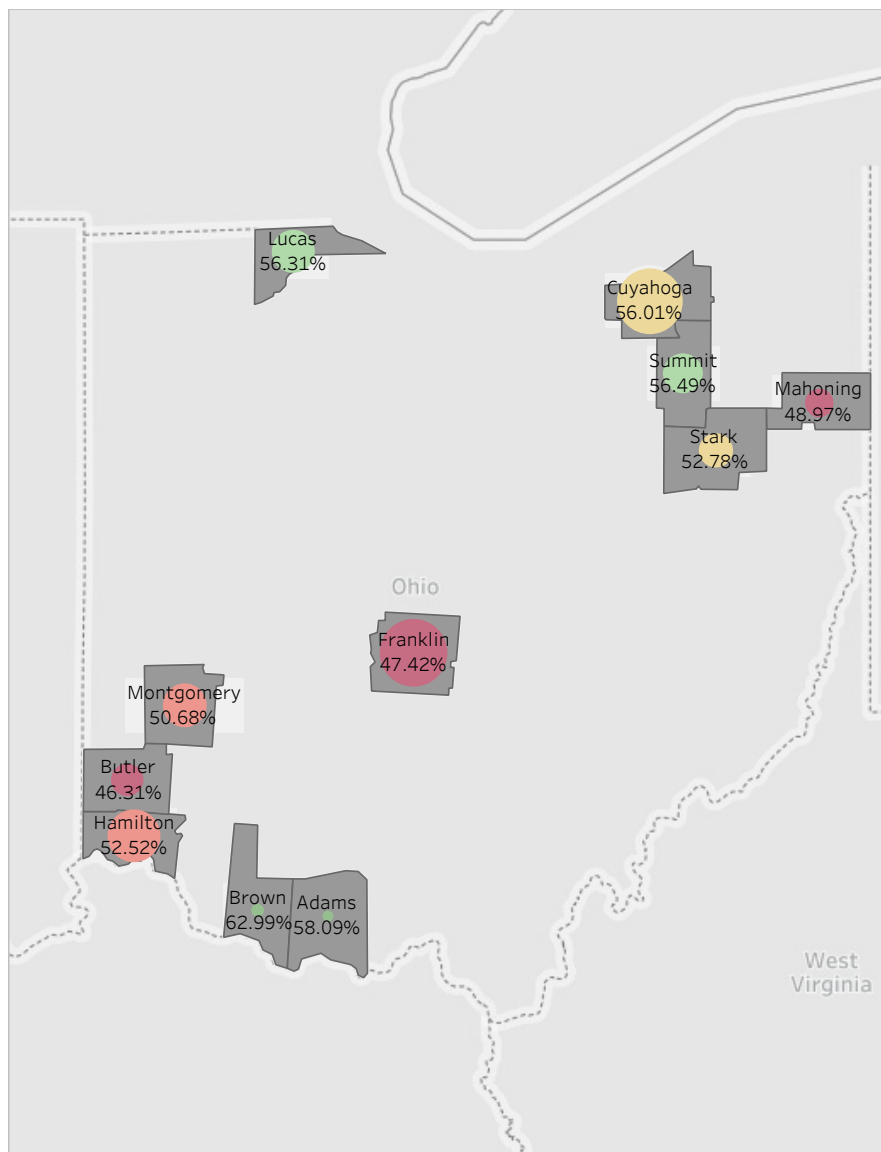


#### Brown



## Adams County - Postpartum Visits (%)

### OEI Quintiles | CY 2012-2017

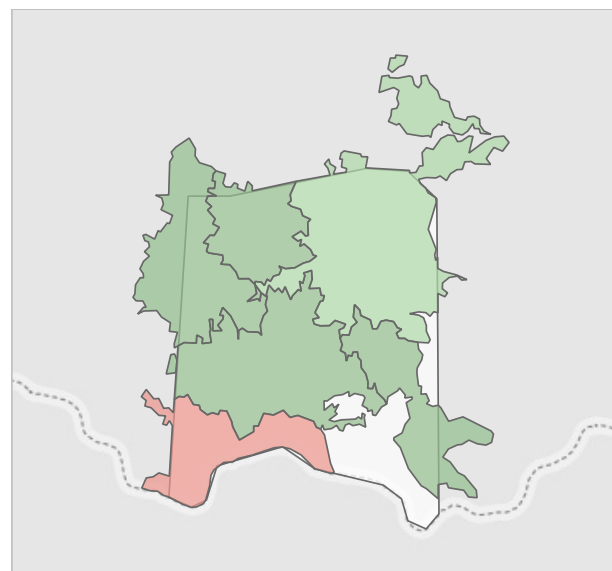


#### Map Measure Ranges

- $\geq 0 < 48.984\%$
- $\geq 48.984\% < 52.531\%$
- $\geq 52.531\% < 56.298\%$
- $\geq 56.298\% < 58.081\%$
- $\geq 58.081\%$

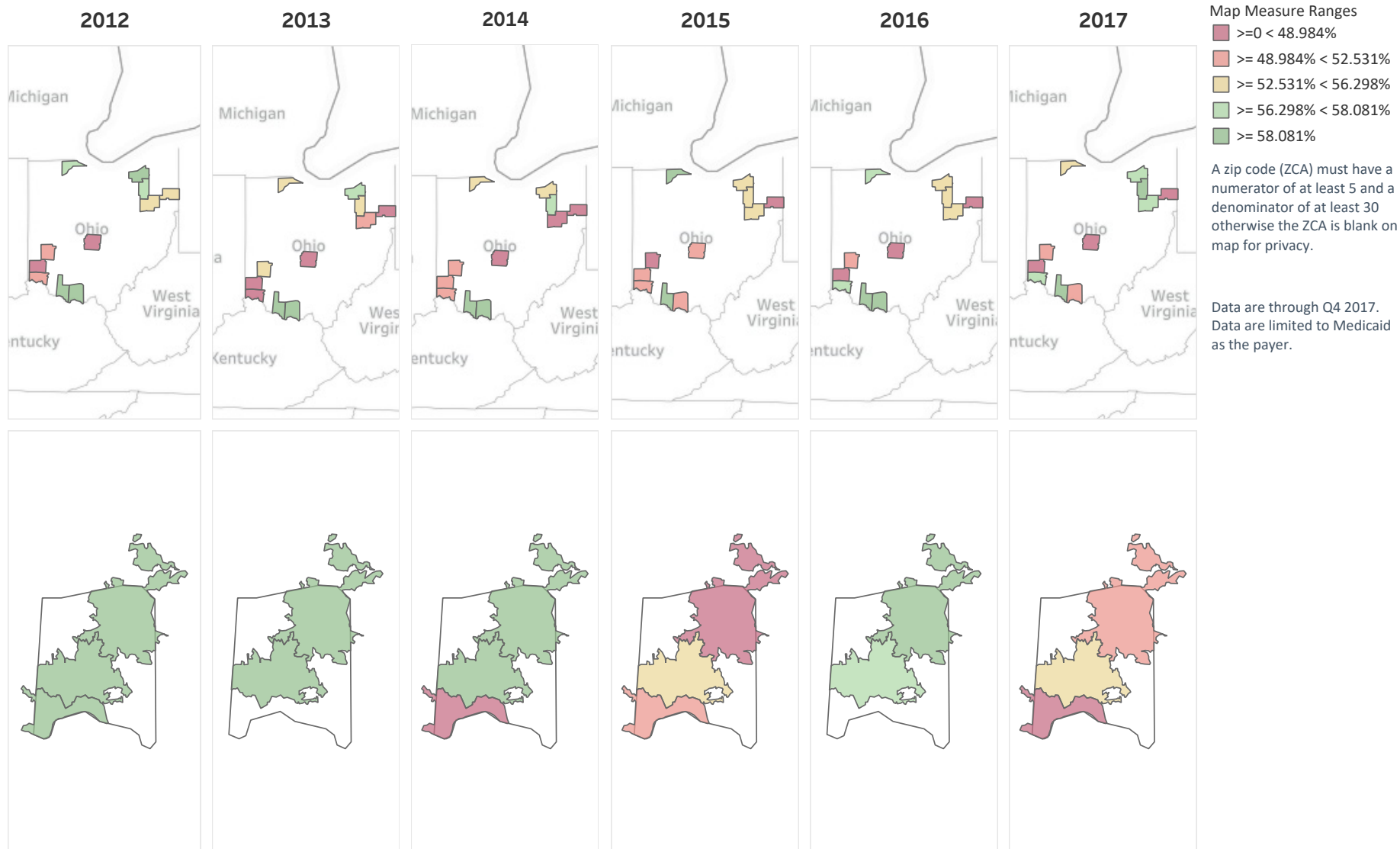
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Adams County - Postpartum Visits (%)

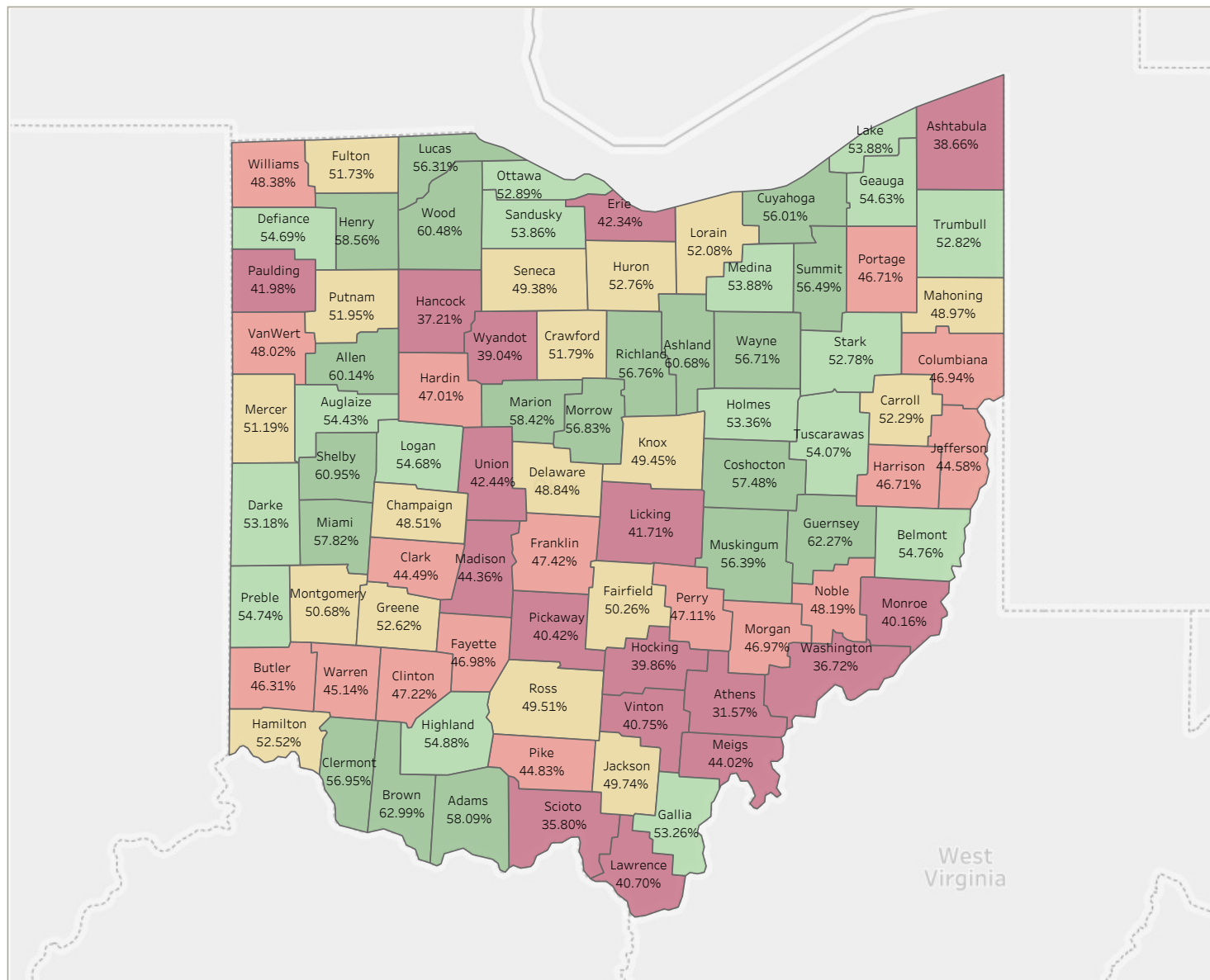
### OEI Quintiles | CY 2012-2017 Yearly Comparison





## Statewide - Postpartum Visits (%)

### Overall Quintiles by County | CY 2012 - 2017



#### Map Measure Ranges

- $\geq 0 < 44.424\%$
- $\geq 44.424\% < 48.444\%$
- $\geq 48.444\% < 52.767\%$
- $\geq 52.767\% < 55.443\%$
- $\geq 55.443\%$

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



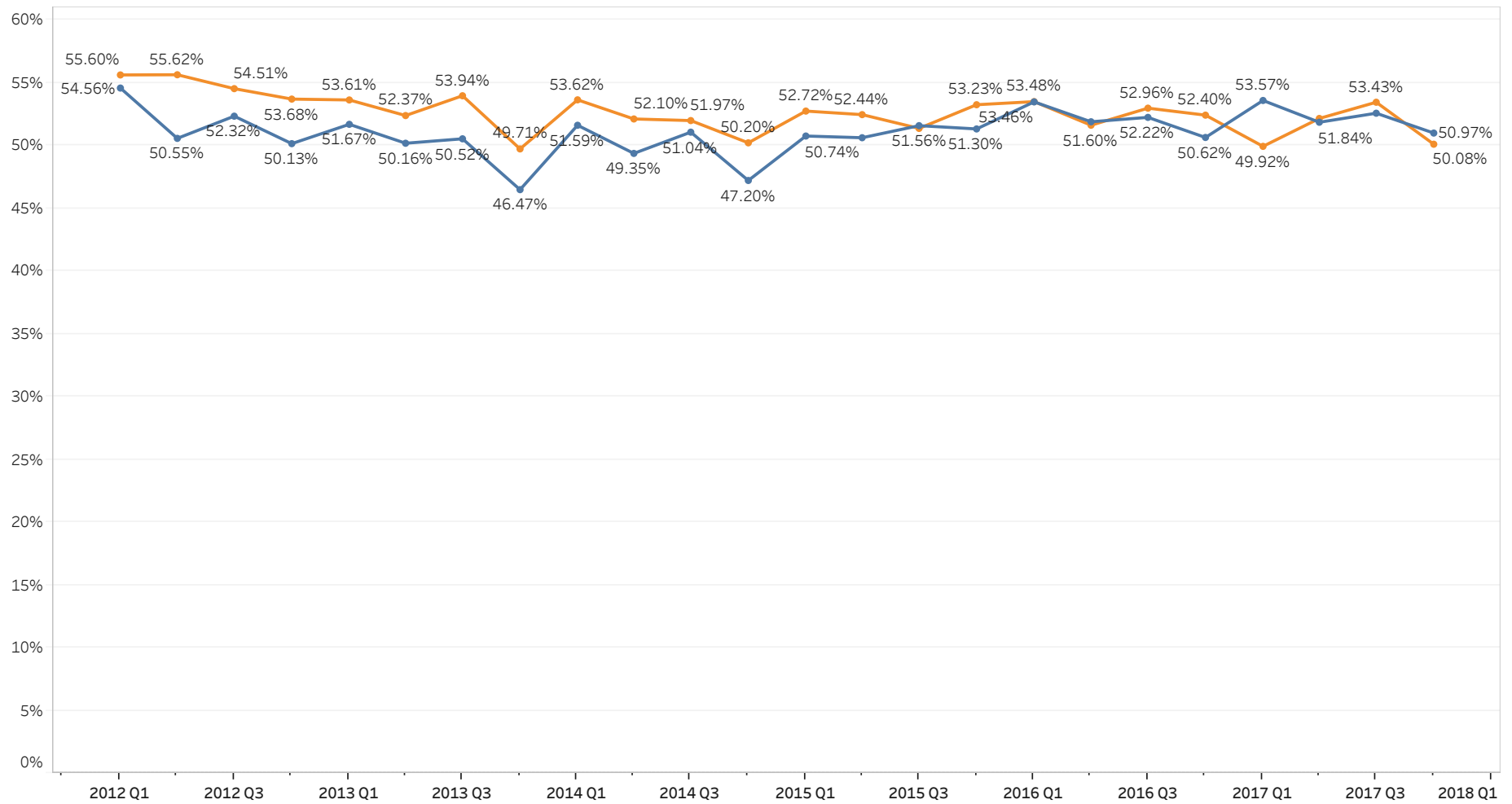
### Quarterly Trends by Race - Postpartum Visits (%)

All OEI Counties | CY 2012-2017

Race

African American

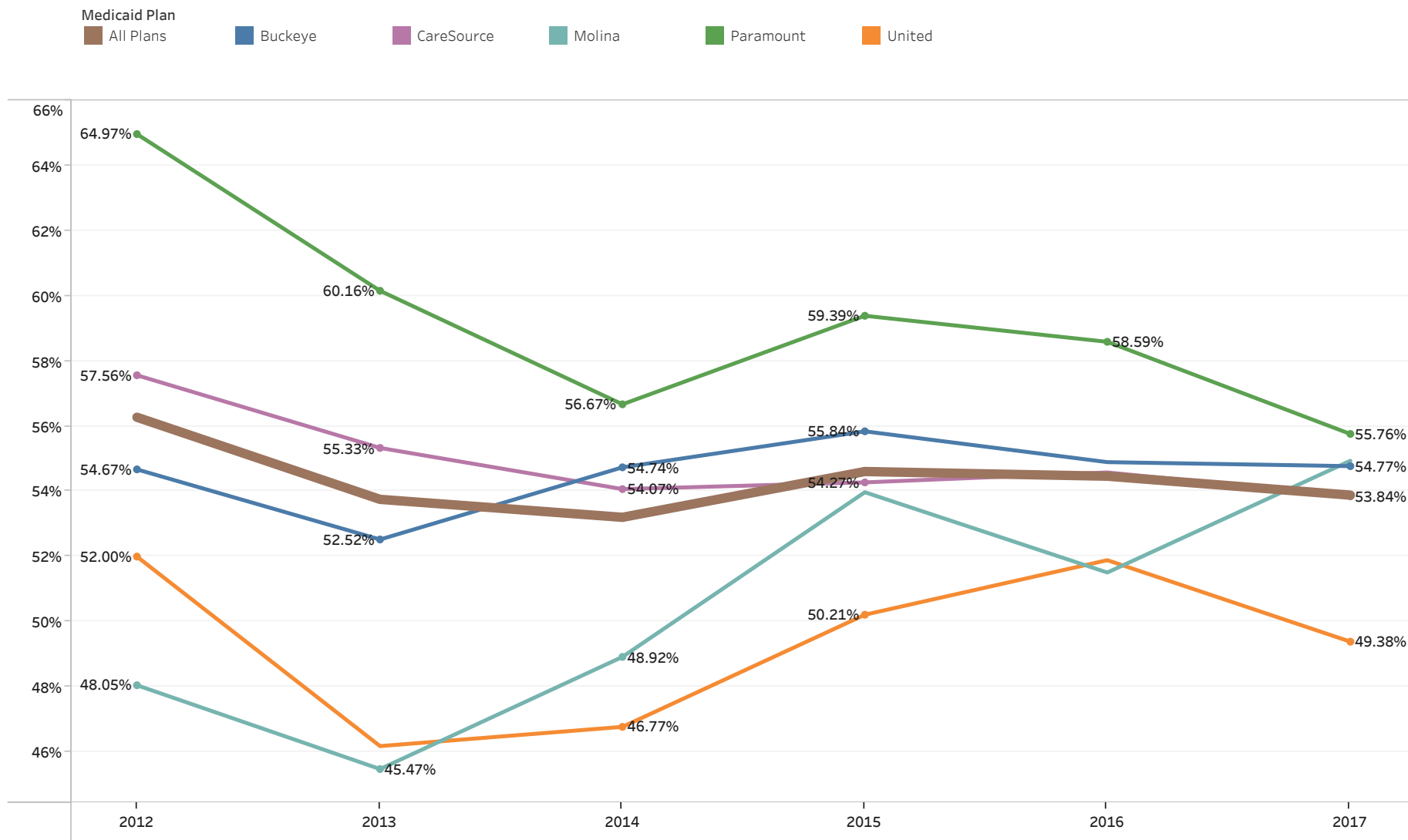
Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Postpartum Visits (%) All OEI Counties | CY 2012-2017



Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



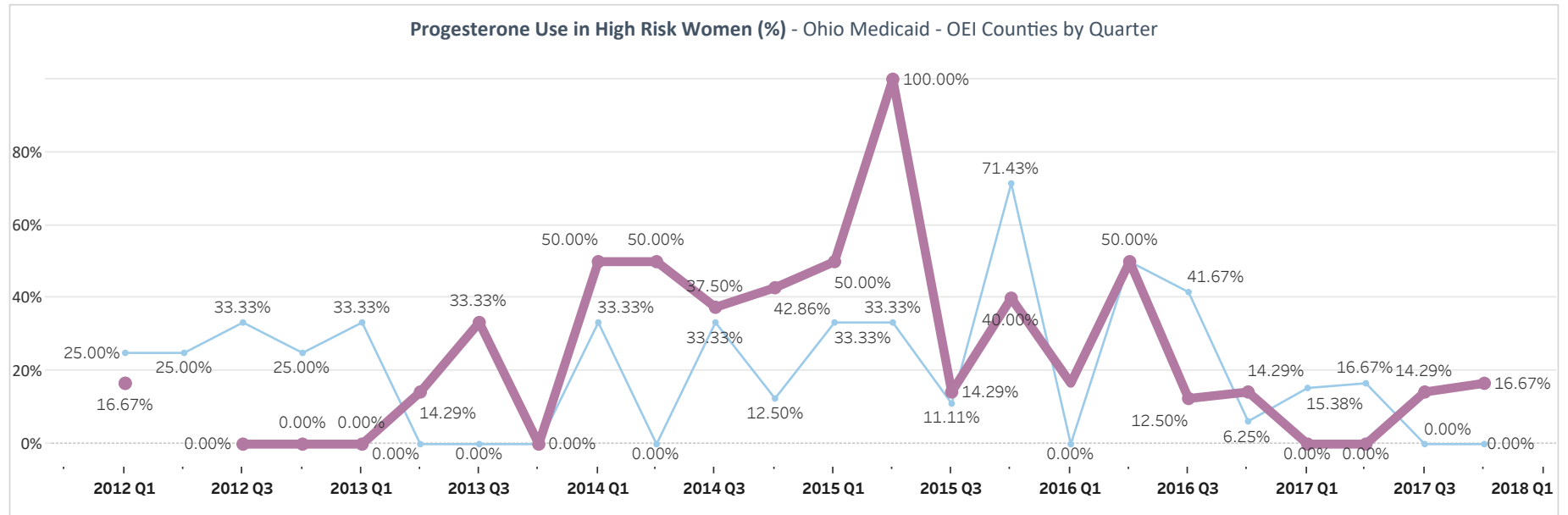
## Progesterone Use in High Risk Women (%)

## Adams, Brown Counties - Progesterone Use in High Risk Women (%)

### Trends by Quarter | CY 2012-2017

Counties

Adams Brown

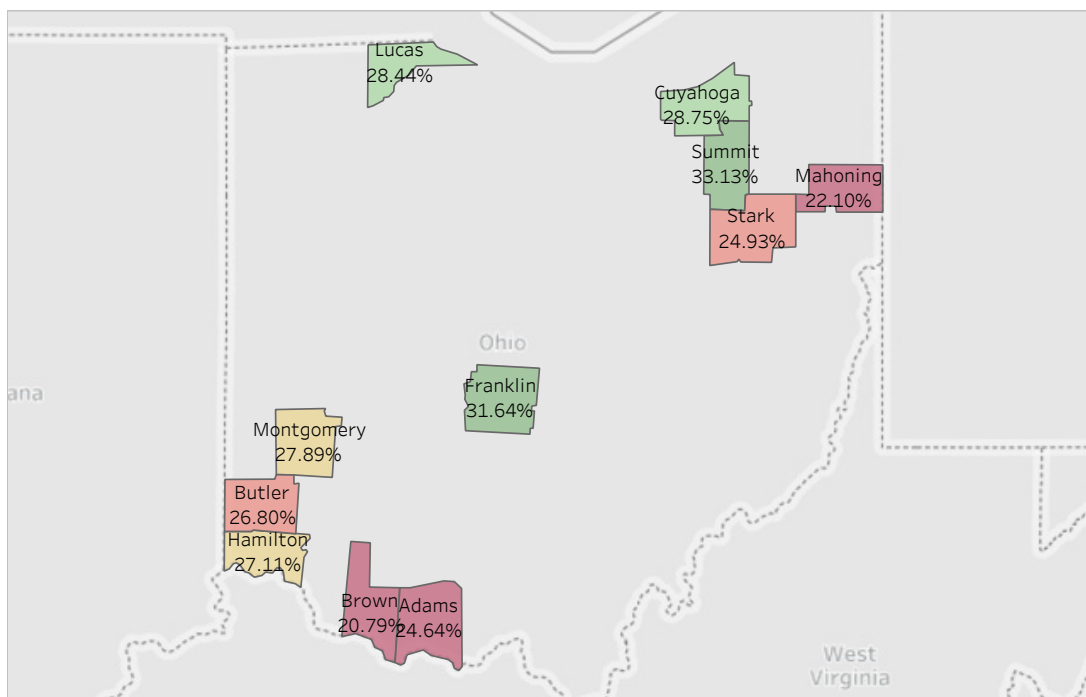


County	Progesterone Aggregate Rate Q1 2012 - Q4 2017	Progesterone Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	20.79%	9.09%	From 6 to 10 Women
Adams	24.64%	9.52%	From 6 to 9 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2012 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2012 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Progesterone Use in High Risk Women (%)

### OEI County Quintiles | CY 2012-2017



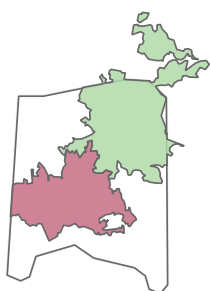
#### Map Measure Ranges

- $\geq 0 < 24.648\%$
- $\geq 24.648\% < 26.814\%$
- $\geq 26.814\% < 28.435\%$
- $\geq 28.435\% < 31.629\%$
- $\geq 31.629\%$

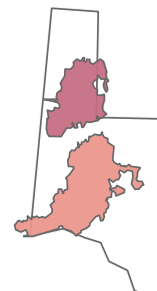
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

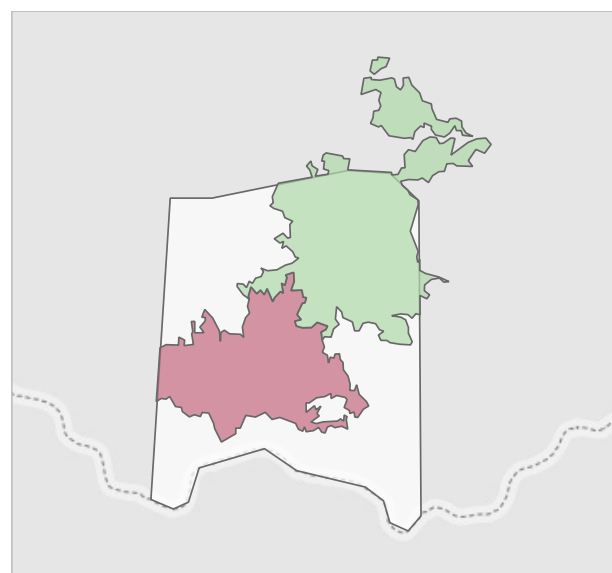
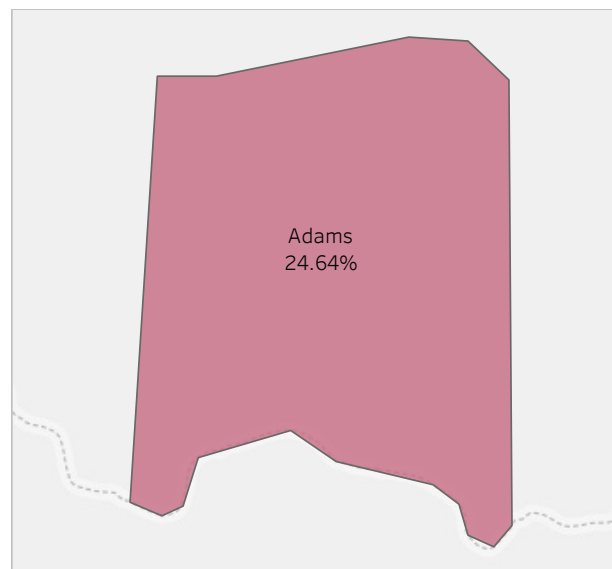
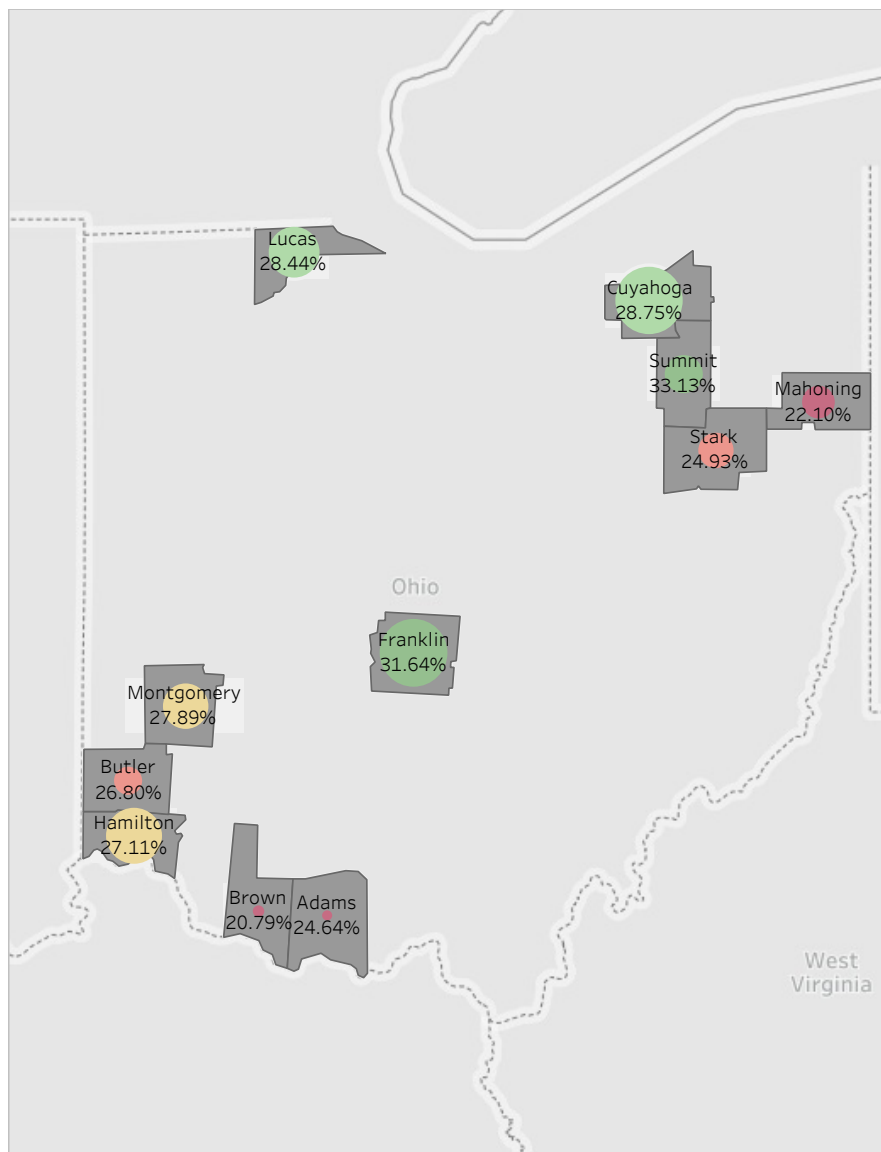


#### Brown



## Adams County - Progesterone Use in High Risk Women (%)

### OEI Quintiles | CY 2012-2017



#### Map Measure Ranges

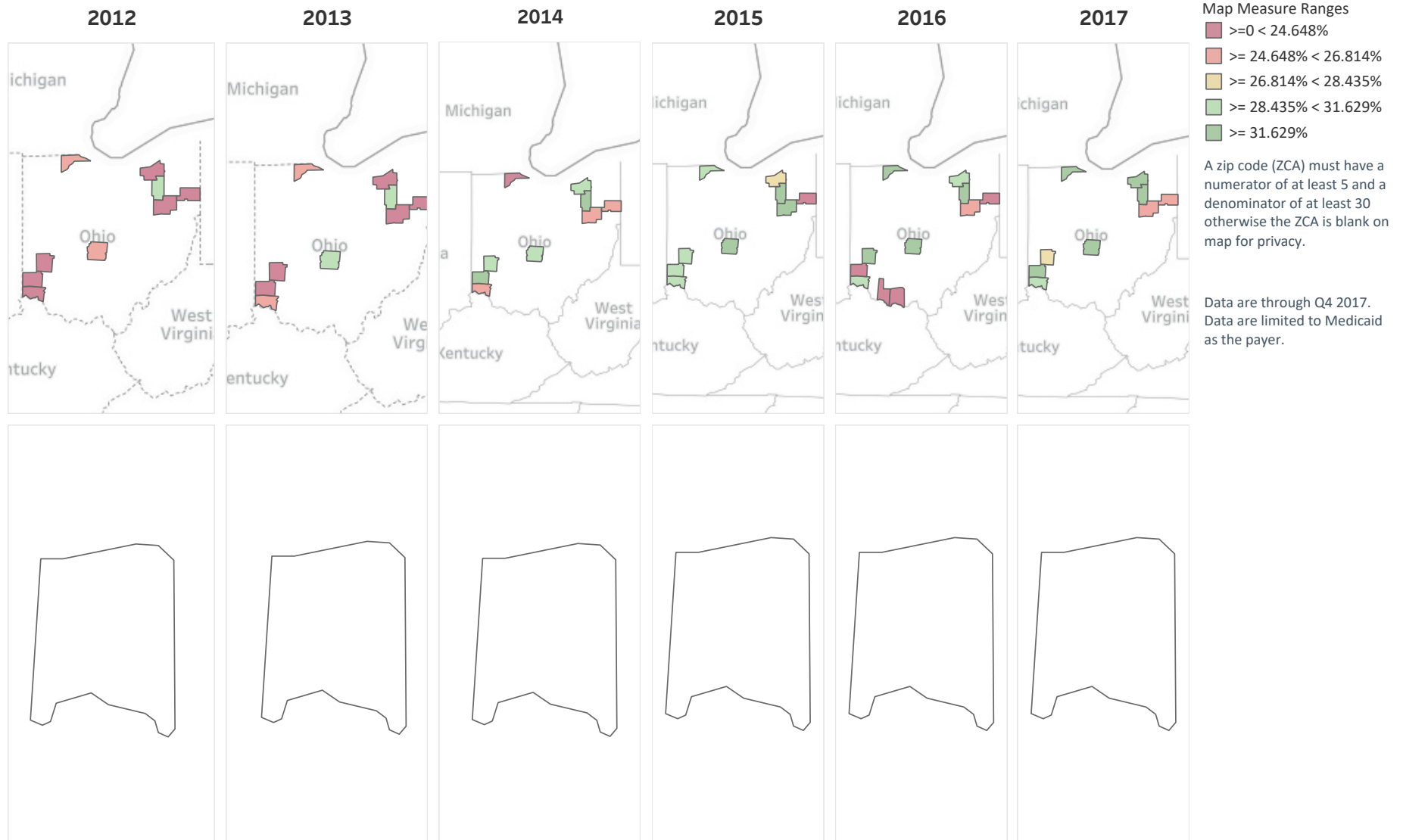
- $\geq 0 < 24.648\%$
- $\geq 24.648\% < 26.814\%$
- $\geq 26.814\% < 28.435\%$
- $\geq 28.435\% < 31.629\%$
- $\geq 31.629\%$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

## Adams County - Progesterone Use in High Risk Women (%)

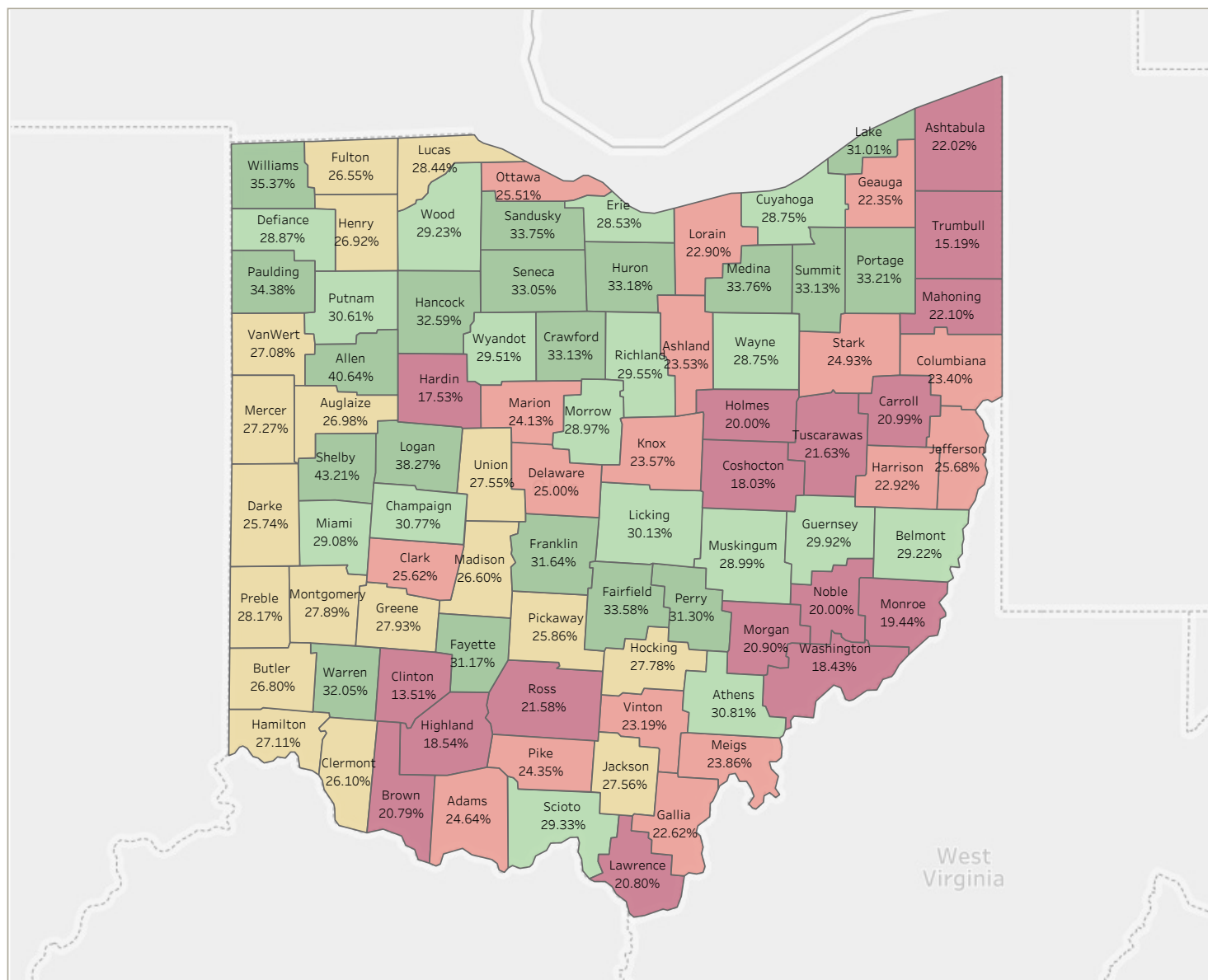
### OEI Quintiles | CY 2012-2017 Yearly Comparison





## Statewide - Progesterone Use in High Risk Women (%)

### Overall Quintiles by County | CY 2012 - 2017



#### Map Measure Ranges

- >=0 < 22.226%
- >= 22.226% < 25.705%
- >= 25.705% < 28.486%
- >= 28.486% < 30.909%
- >= 30.909%

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



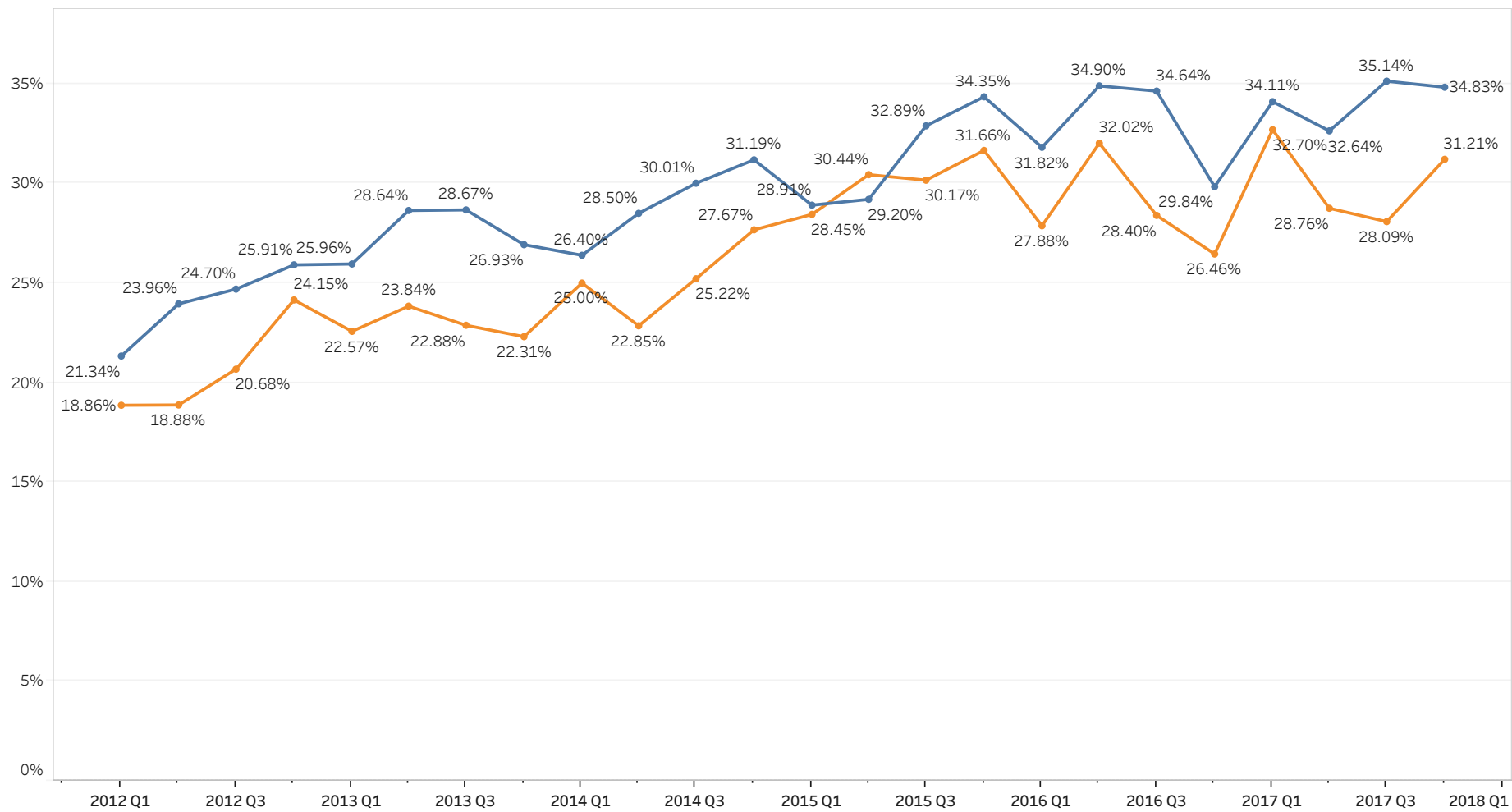
## Quarterly Trends by Race - Progesterone Use in High Risk Women (%)

All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



### Yearly Trends by MCP - Progesterone Use in High Risk Women (%) All OEI Counties | CY 2012-2017

Medicaid Plan  
All Plans

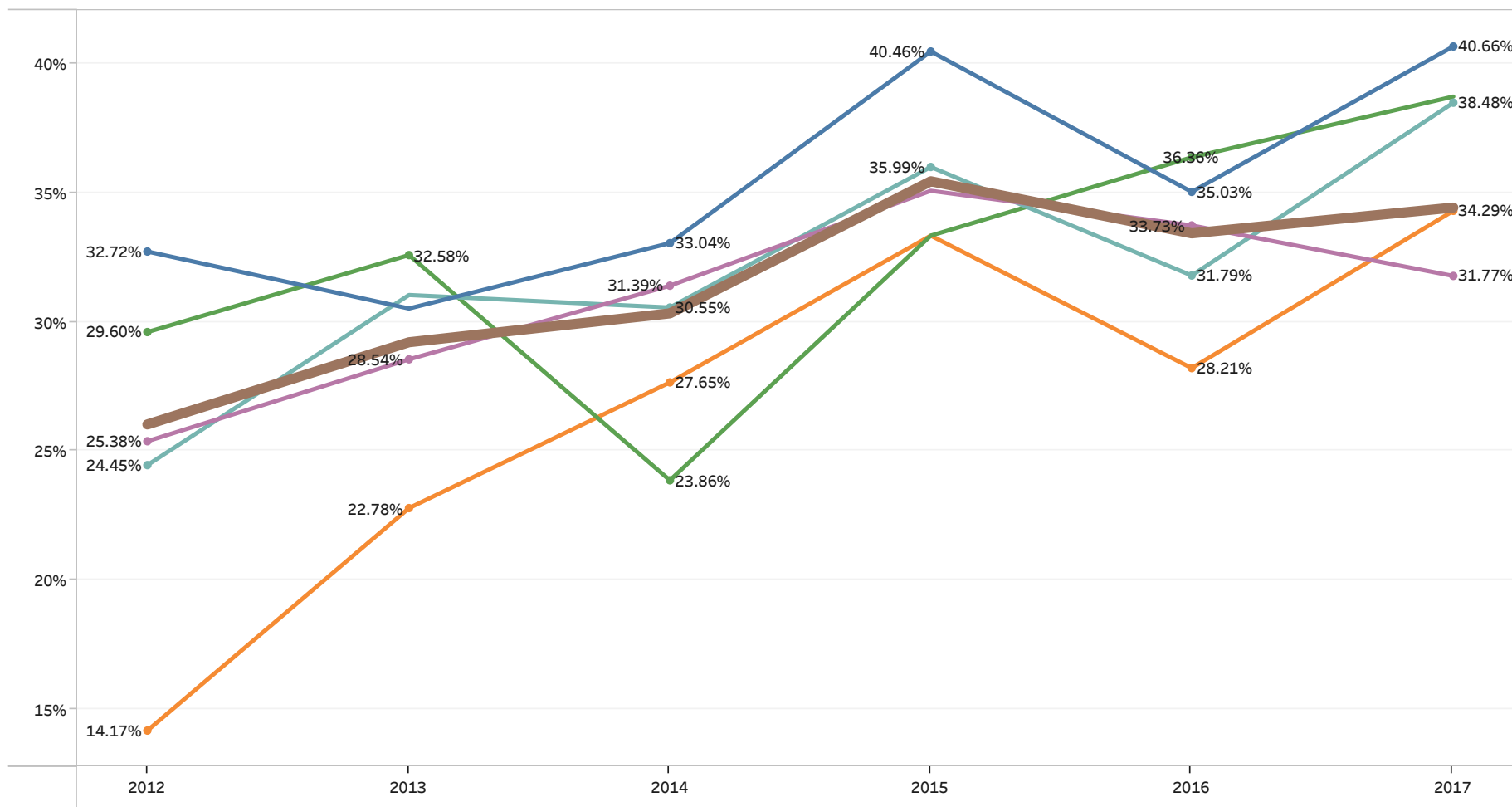
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.

## Adams County Quarterly Control Chart - Progesterone Use in High Risk Women (%) CY 2012-2017



Data are limited to Medicaid as the payer.



## Tobacco Screening & Cessation Counseling (%)



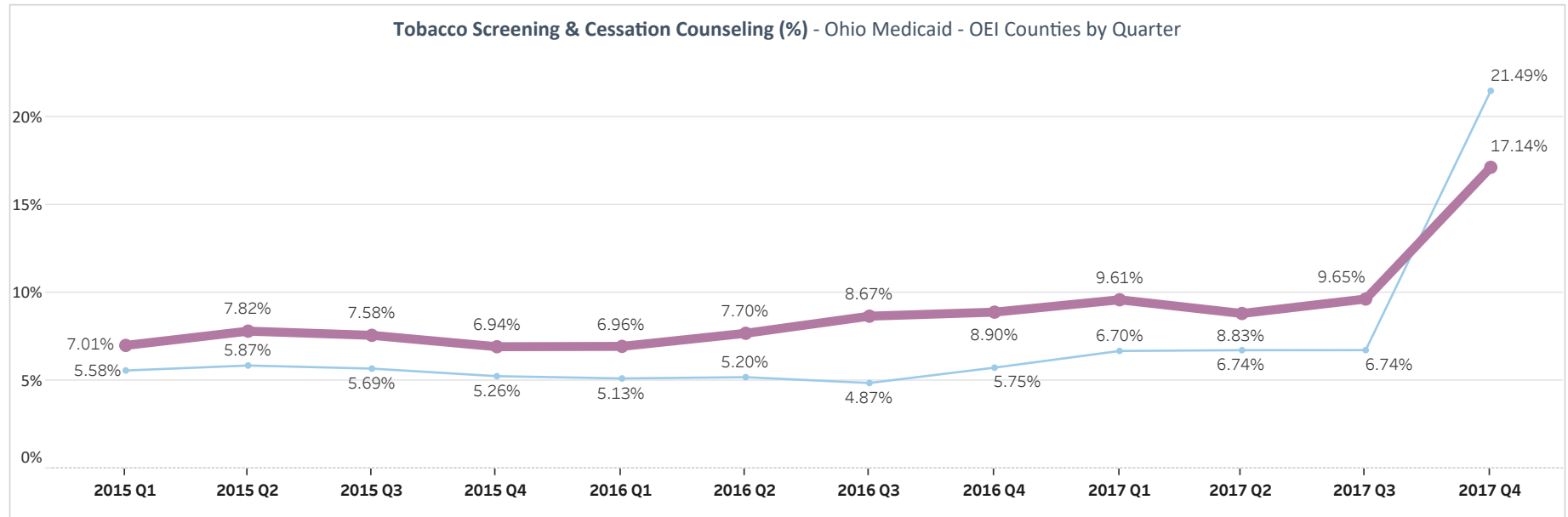
## Adams, Brown Counties - Tobacco Screening & Cessation Counseling (%)

### Trends by Quarter | CY 2015-2017

Counties

Adams

Brown

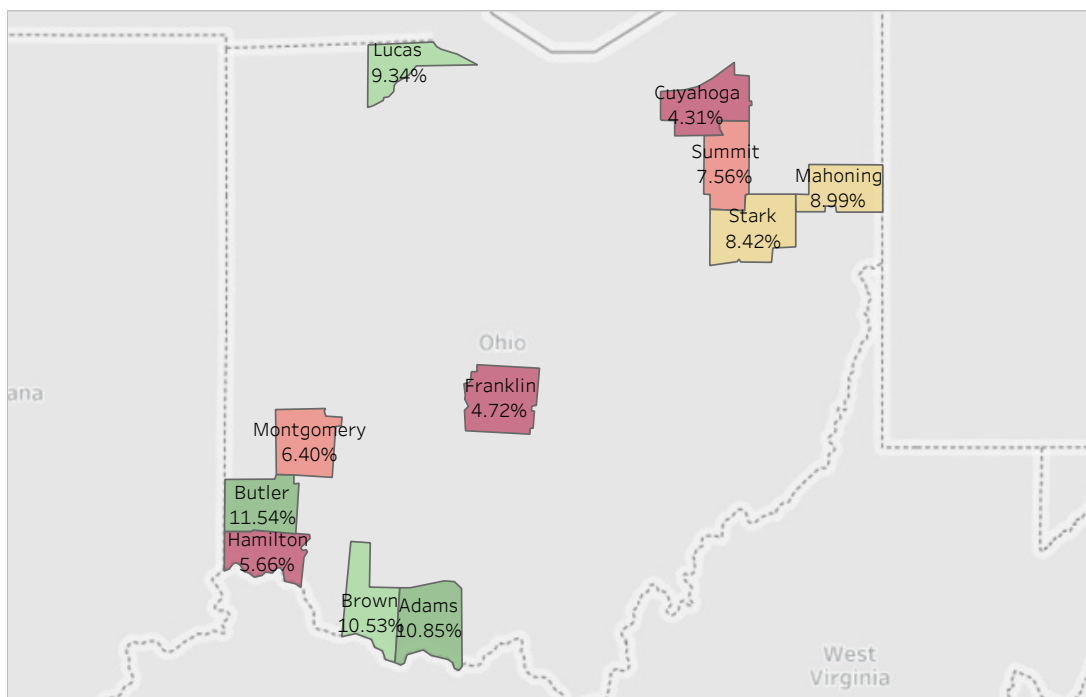


County	Tobacco Screening & Cessation Counseling Aggregate Rate Q1 2015 - Q4 2017	Tobacco Screening & Cessation Counseling Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	10.53%	21.49%	From 247 to 271 Women
Adams	10.85%	17.14%	From 207 to 230 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2015 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2015 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Tobacco Screening & Cessation Counseling (%)

### OEI County Quintiles | CY 2015-2017



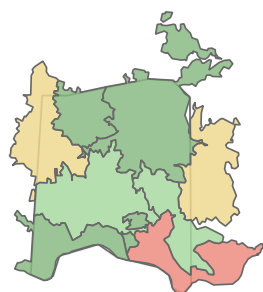
#### Map Measure Ranges

- $\geq 0 < 5.665\%$
- $\geq 5.665\% < 7.570\%$
- $\geq 7.570\% < 9.325\%$
- $\geq 9.325\% < 10.839\%$
- $\geq 10.839\%$

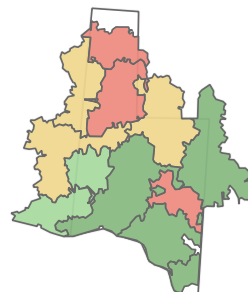
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

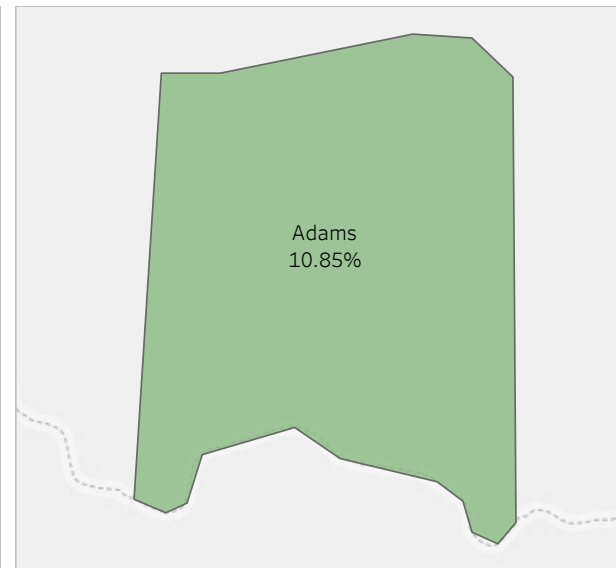
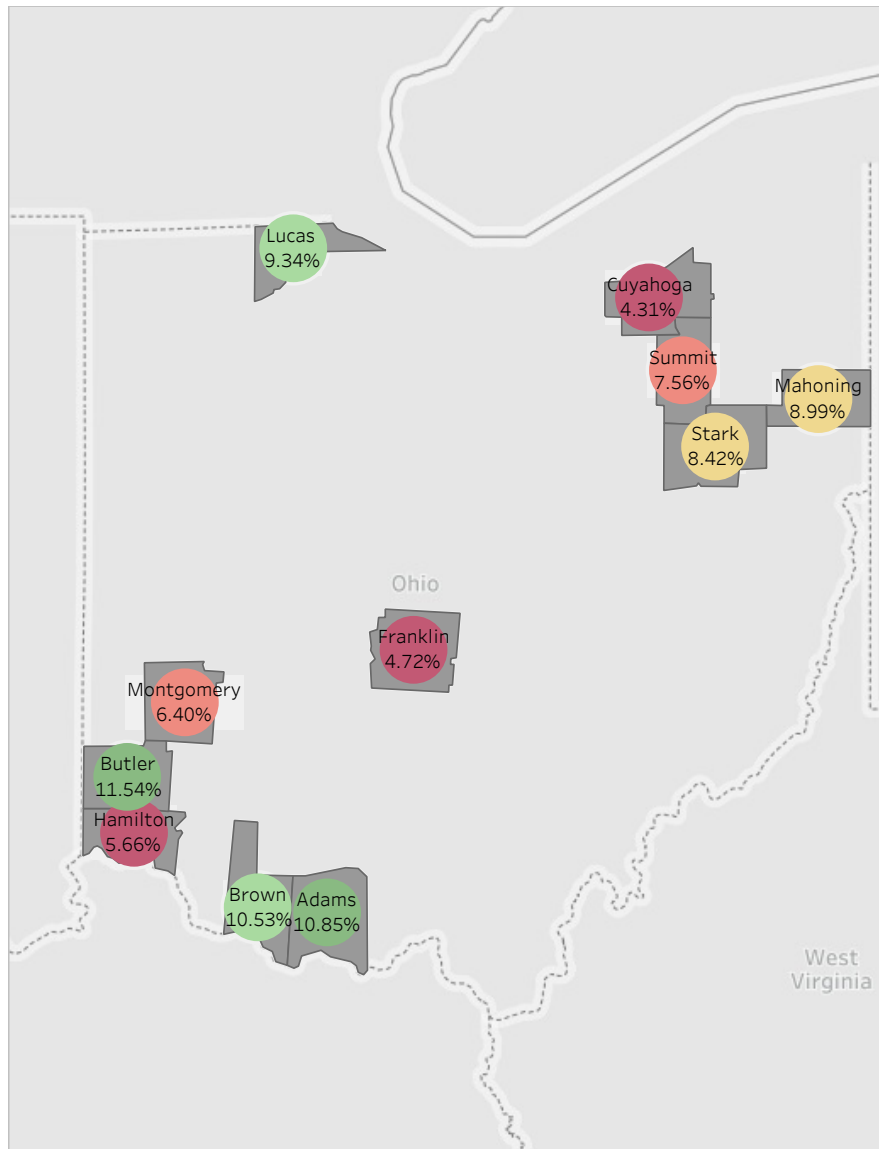


#### Brown



## Adams County - Tobacco Screening & Cessation Counseling (%)

### OEI Quintiles | CY 2015-2017

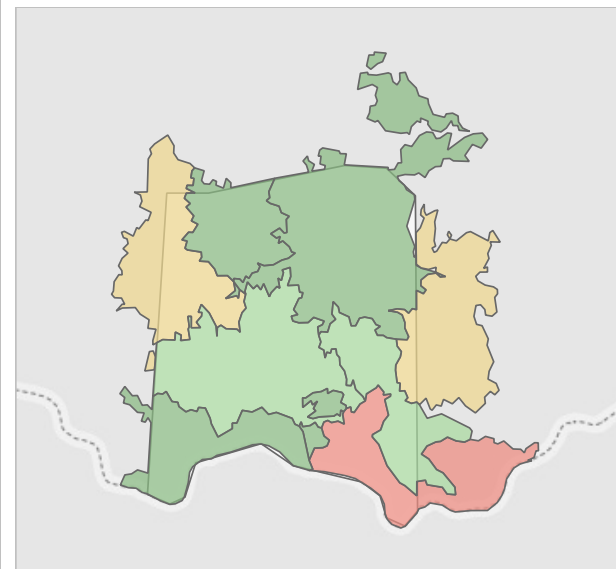


#### Map Measure Ranges

- >= 0 < 5.665%
- >= 5.665% < 7.570%
- >= 7.570% < 9.325%
- >= 9.325% < 10.839%
- >= 10.839%

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

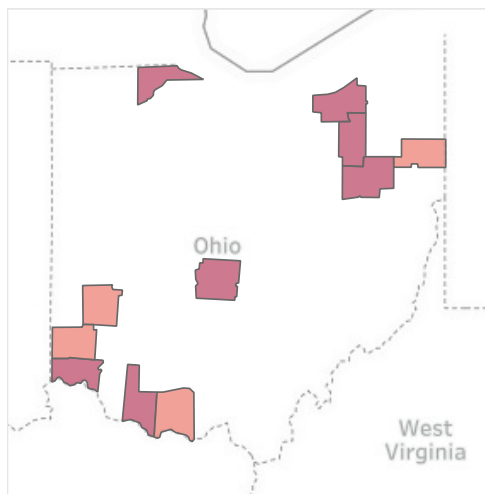




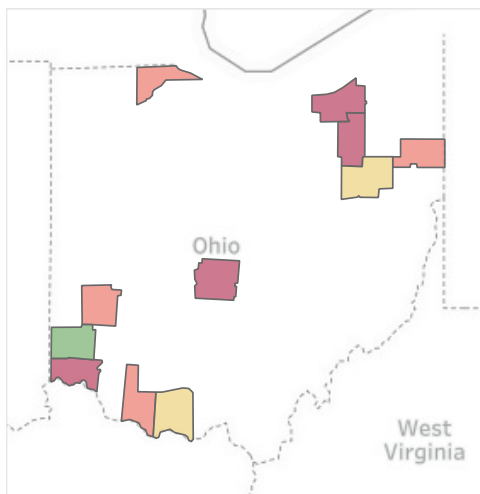
## Adams County - Tobacco Screening & Cessation Counseling (%)

### OEI Quintiles | CY 2015-2017 Yearly Comparison

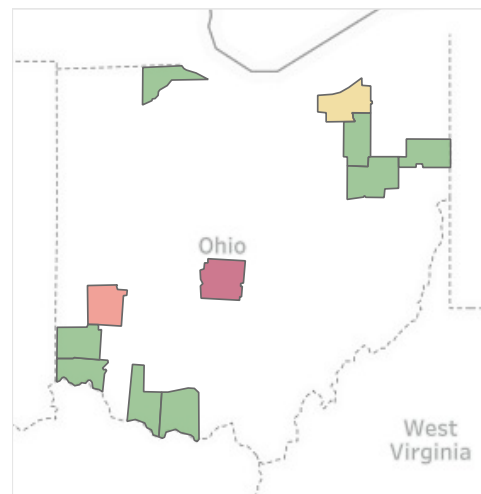
CY 2015



CY 2016



CY 2017

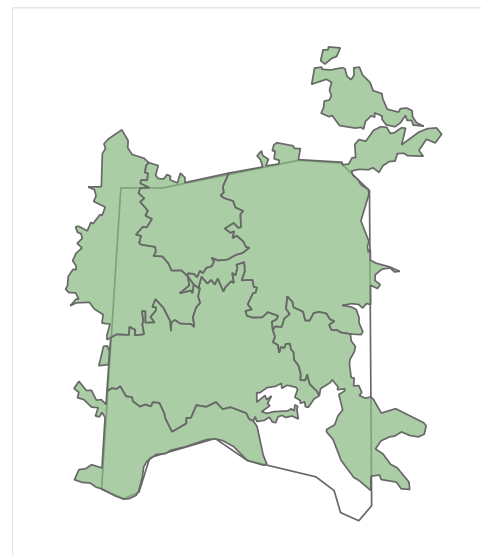
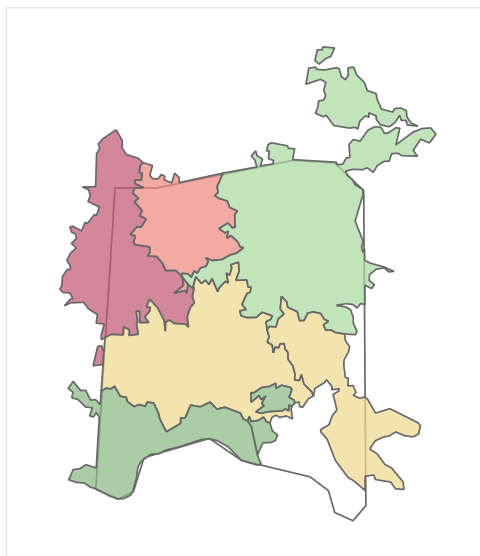
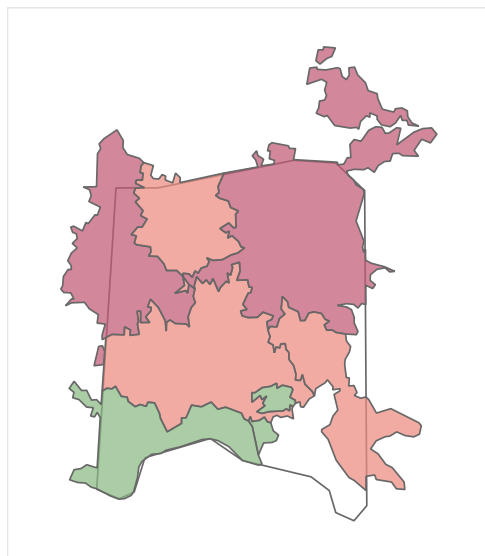


#### Map Measure Ranges

- $\geq 0 < 5.665\%$
- $\geq 5.665\% < 7.570\%$
- $\geq 7.570\% < 9.325\%$
- $\geq 9.325\% < 10.839\%$
- $\geq 10.839\%$

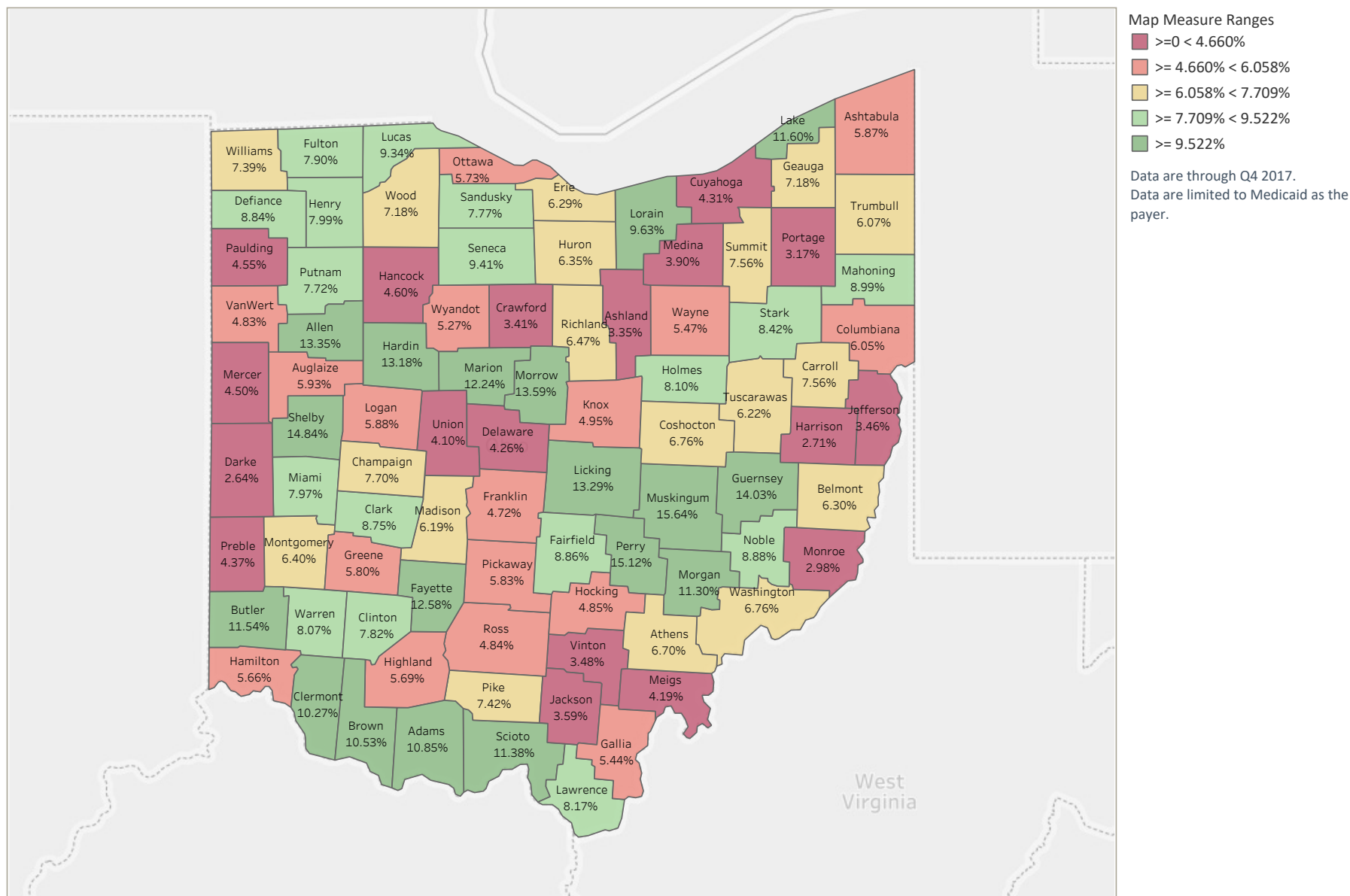
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Statewide - Tobacco Screening & Cessation Counseling (%)

### Overall Quintiles by County | CY 2015 - 2017





## Yearly Trends by MCP - Tobacco Screening & Cessation Counseling (%)

All OEI Counties | CY 2015-2017

Medicaid Plan

All Plans

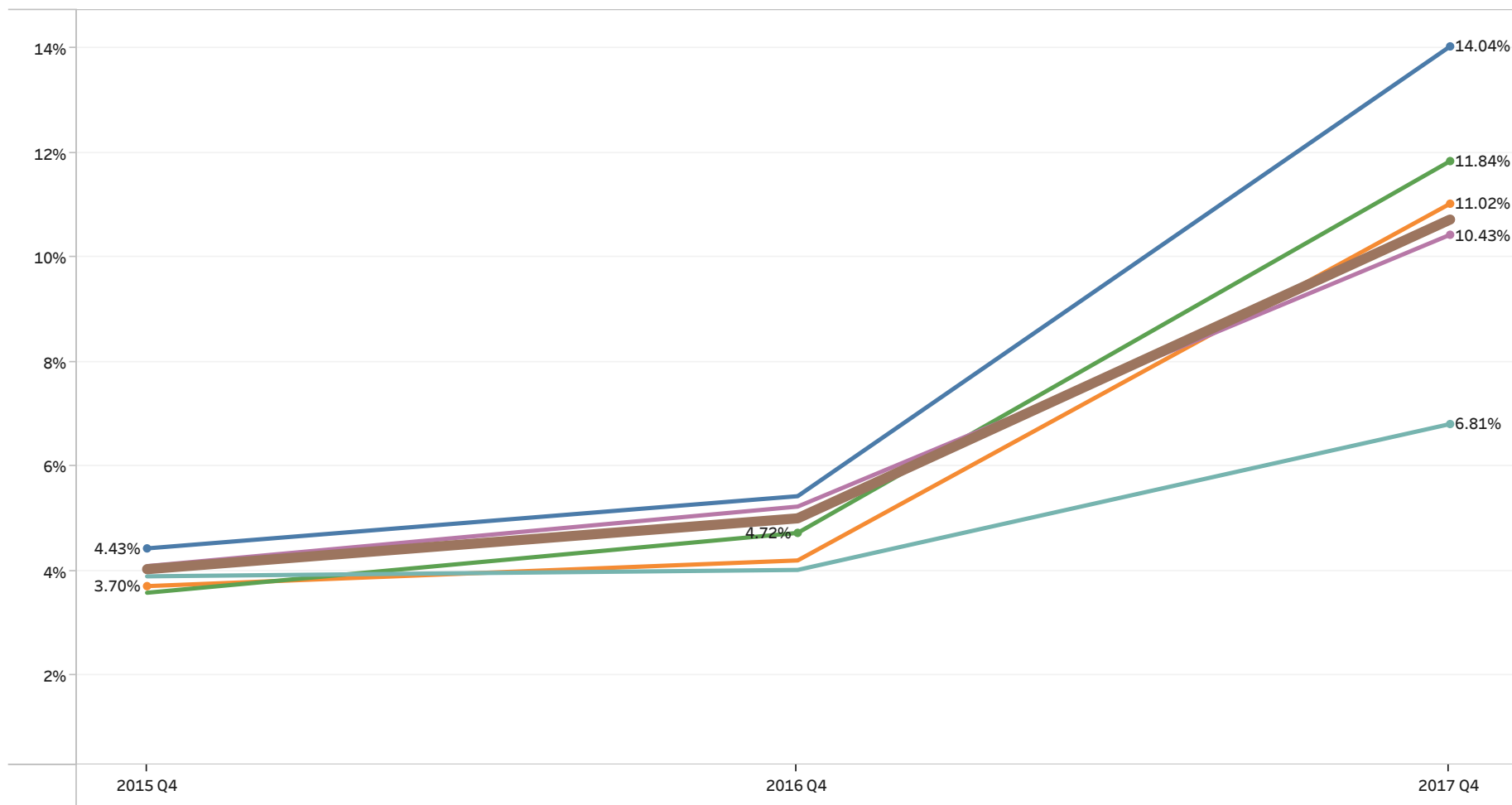
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.



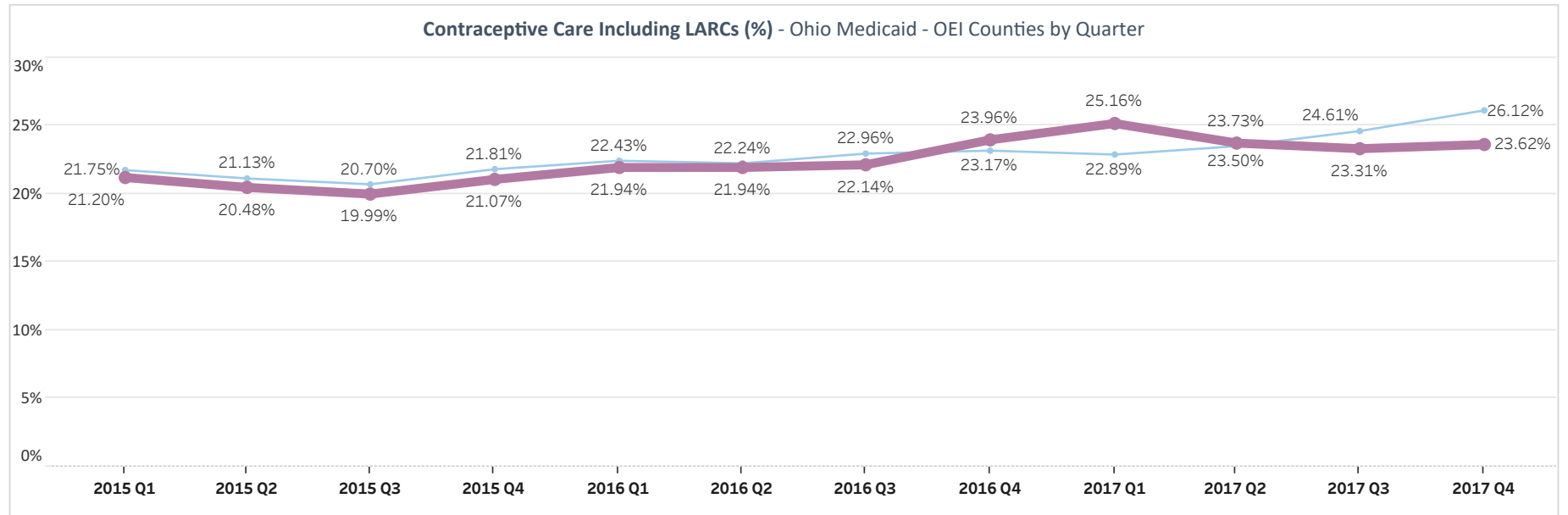
## Contraceptive Care Including LARCs (%)

## Adams, Brown Counties - Contraceptive Care Including LARCs (%)

### Trends by Quarter | CY 2015-2017

Counties

Adams Brown

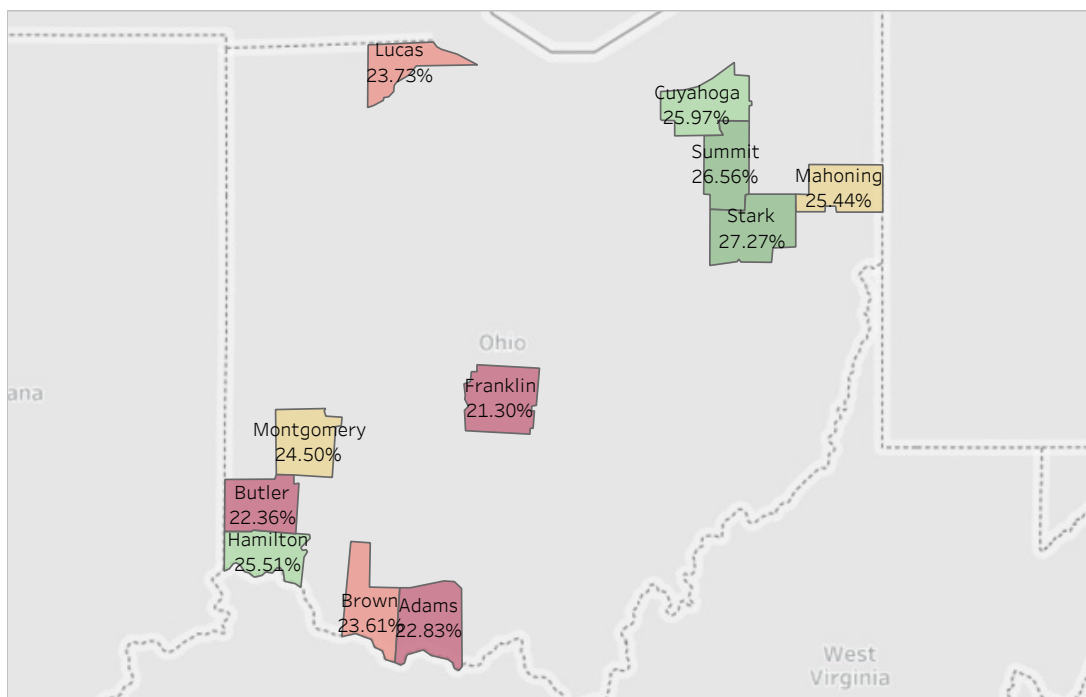


County	Contraceptive Care Including LARCs Aggregate Rate Q1 2015 - Q4 2017	Contraceptive Care Including LARCs Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	23.61%	26.12%	From 565 to 599 Women
Adams	22.83%	23.62%	From 430 to 460 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2015 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p- value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2015 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data. This measure includes moderate to most effective forms of contraception, including Long-Acting Reversible Contraceptives (LARCs).

## Adams, Brown Counties - Contraceptive Care Including LARCs (%)

### OEI County Quintiles | CY 2015-2017



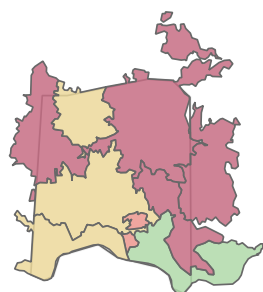
#### Map Measure Ranges

- $\geq 0 < 22.839\%$
- $\geq 22.839\% < 23.744\%$
- $\geq 23.744\% < 25.505\%$
- $\geq 25.505\% < 26.550\%$
- $\geq 26.550\%$

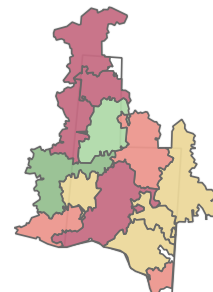
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

#### Adams

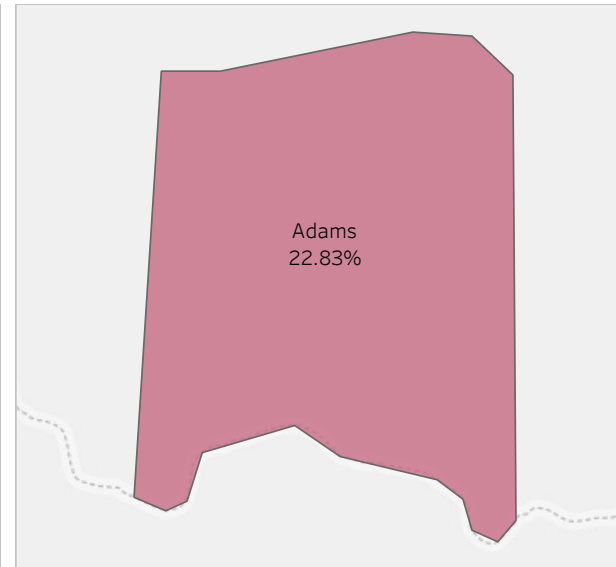
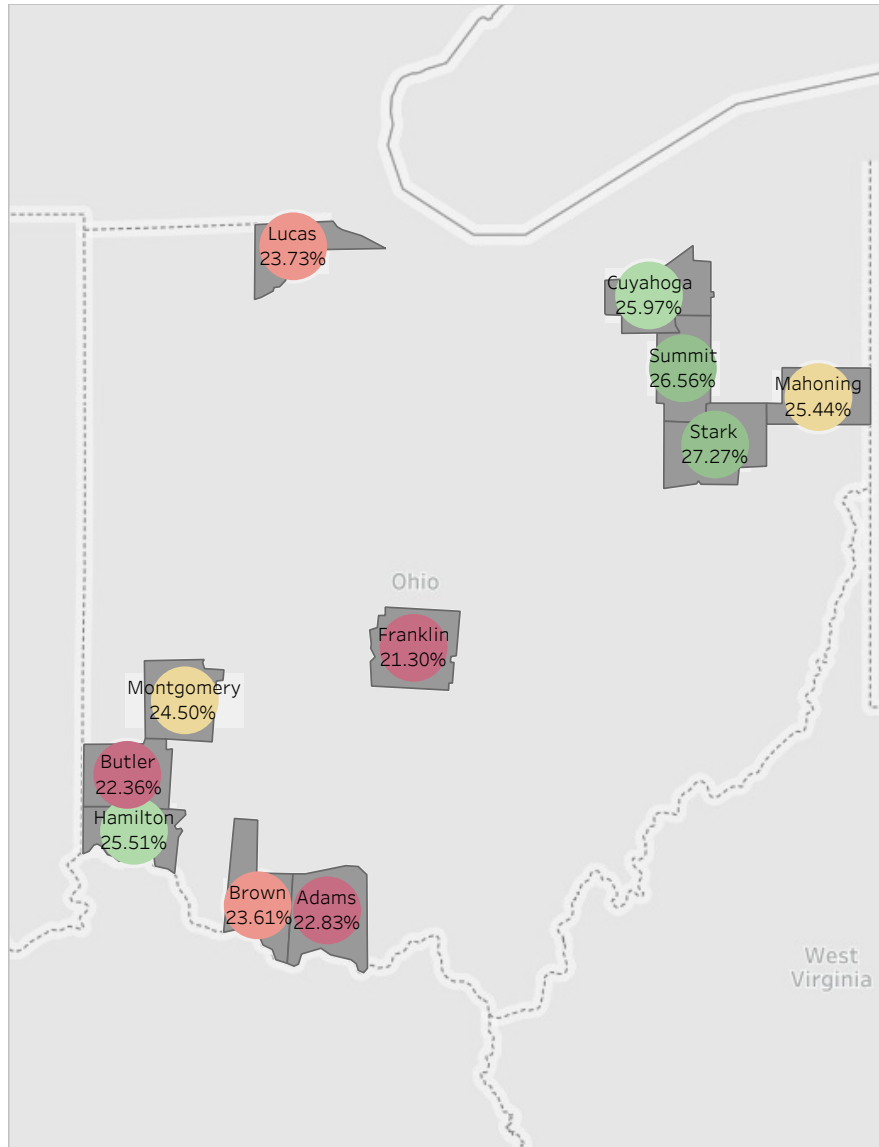


#### Brown



## Adams County - Contraceptive Care Including LARCs (%)

OEI Quintiles | CY 2015-2017

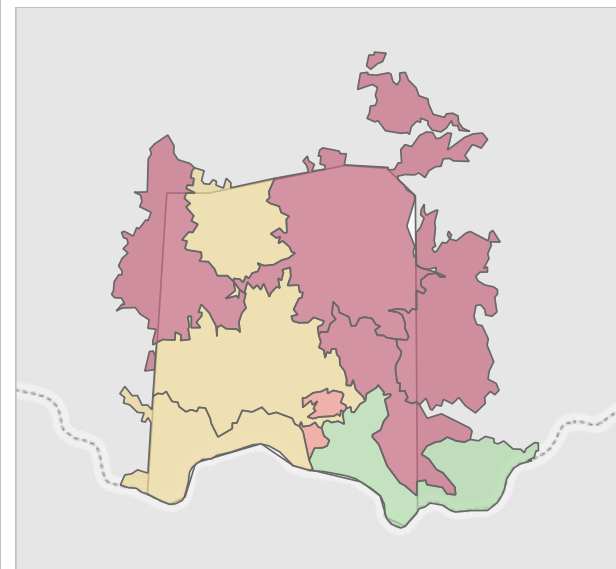


### Map Measure Ranges

- >= 0 < 22.839%
- >= 22.839% < 23.744%
- >= 23.744% < 25.505%
- >= 25.505% < 26.550%
- >= 26.550%

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

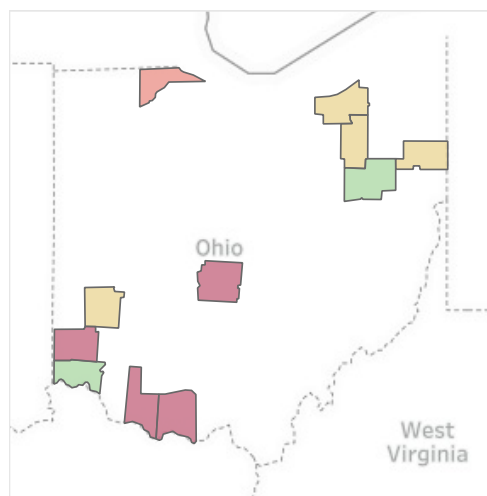
Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



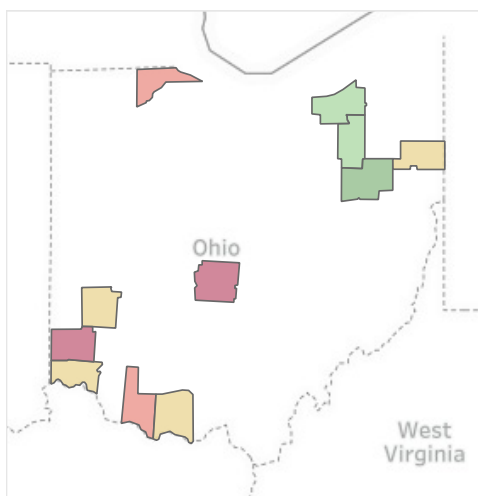
## Adams County - Contraceptive Care Including LARCs (%)

### OEI Quintiles | CY 2015-2017 Yearly Comparison

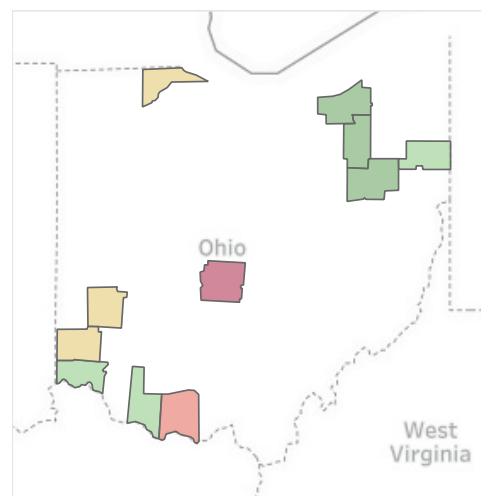
CY 2015



CY 2016



CY 2017

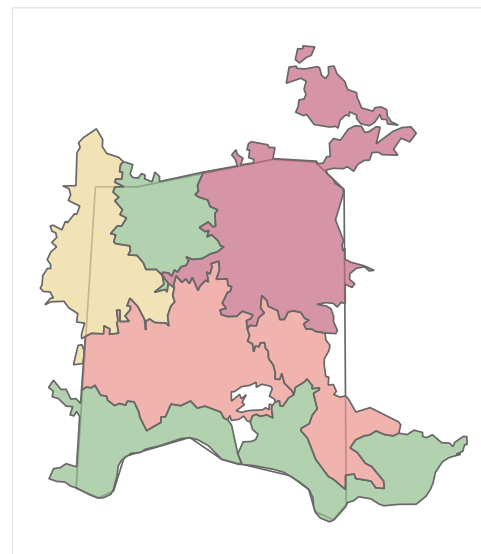
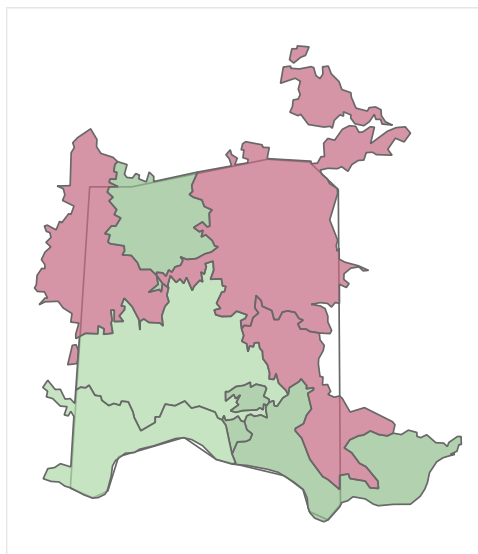
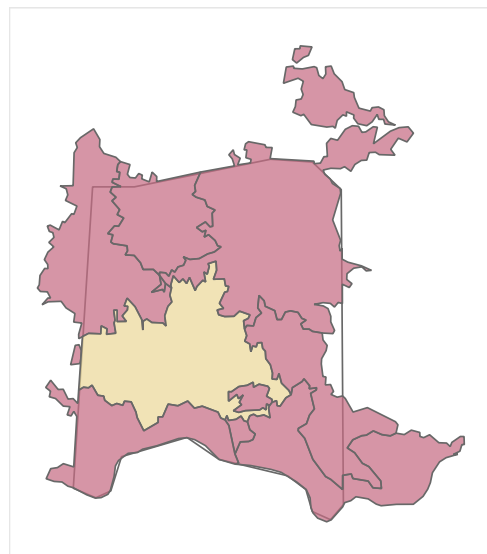


#### Map Measure Ranges

- $\geq 0 < 22.839\%$
- $\geq 22.839\% < 23.744\%$
- $\geq 23.744\% < 25.505\%$
- $\geq 25.505\% < 26.550\%$
- $\geq 26.550\%$

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

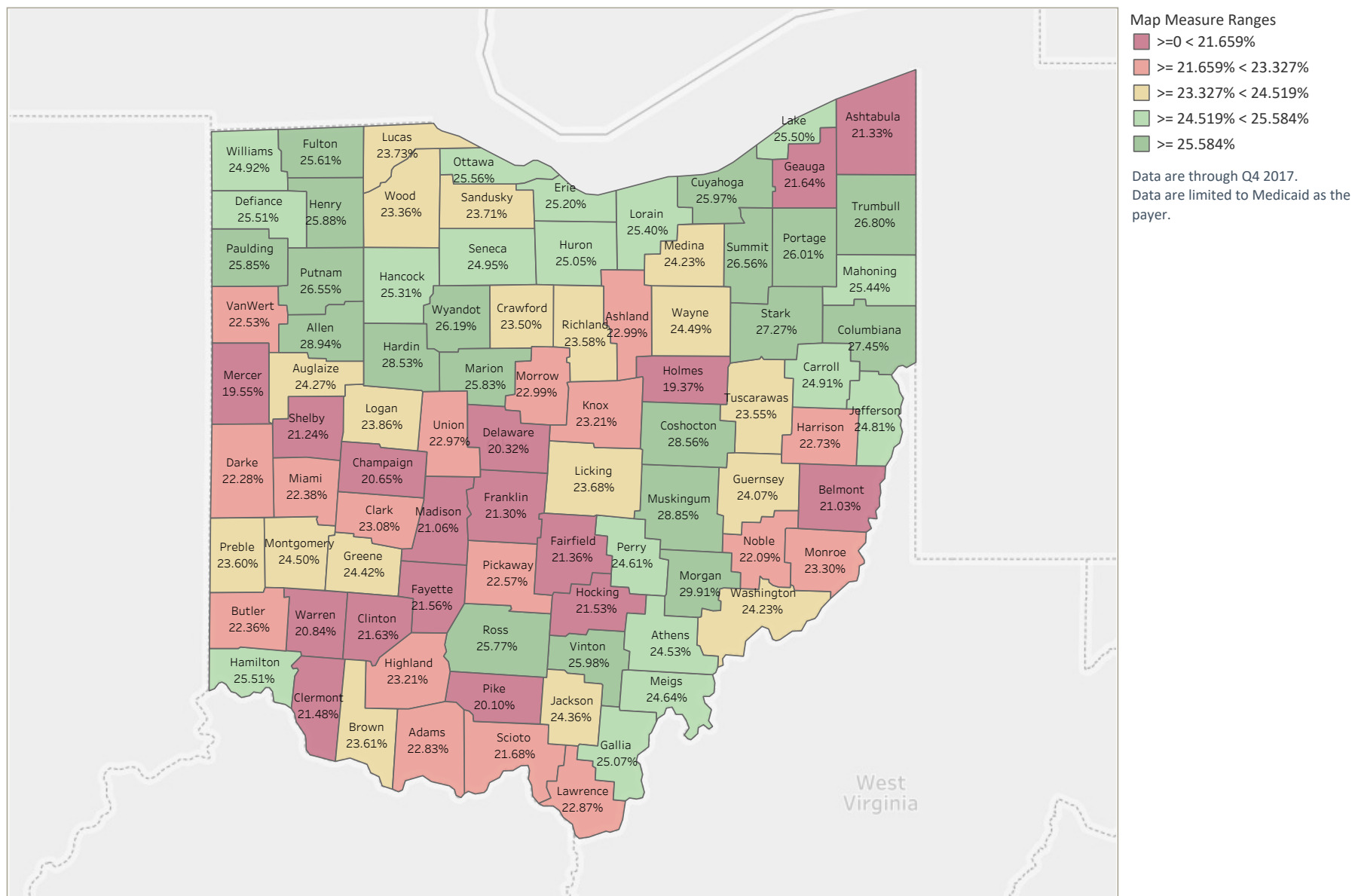
Data are through Q4 2017.  
Data are limited to Medicaid as the payer.





## Statewide - Contraceptive Care Including LARCs (%)

### Overall Quintiles by County | CY 2015 - 2017

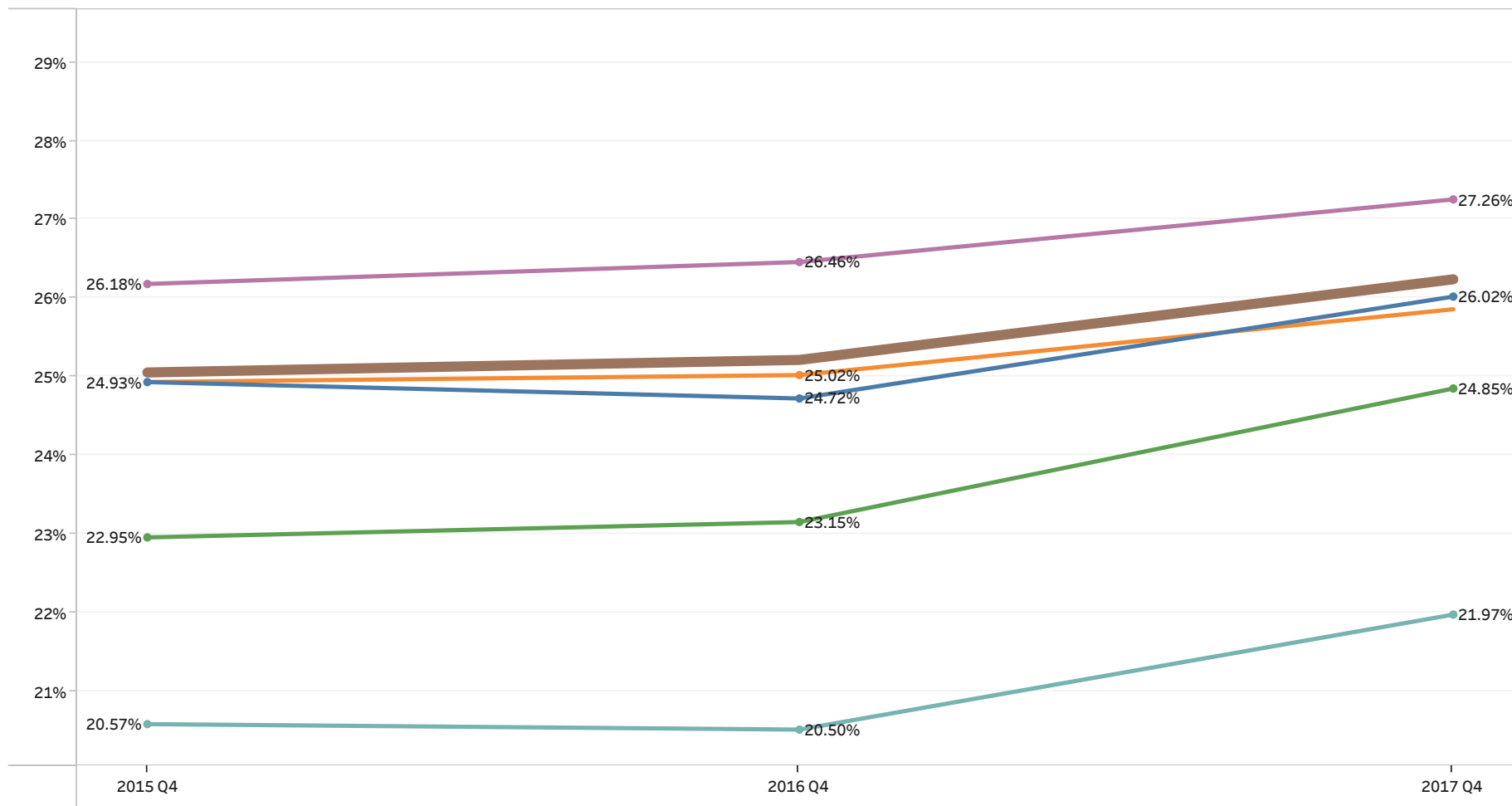




### Yearly Trends by MCP - Contraceptive Care Including LARCs (%) All OEI Counties | CY 2015-2017

Medicaid Plan

All Plans Buckeye CareSource Molina Paramount United



Data are through Q4 2017.

Data are limited to Medicaid as the payer.



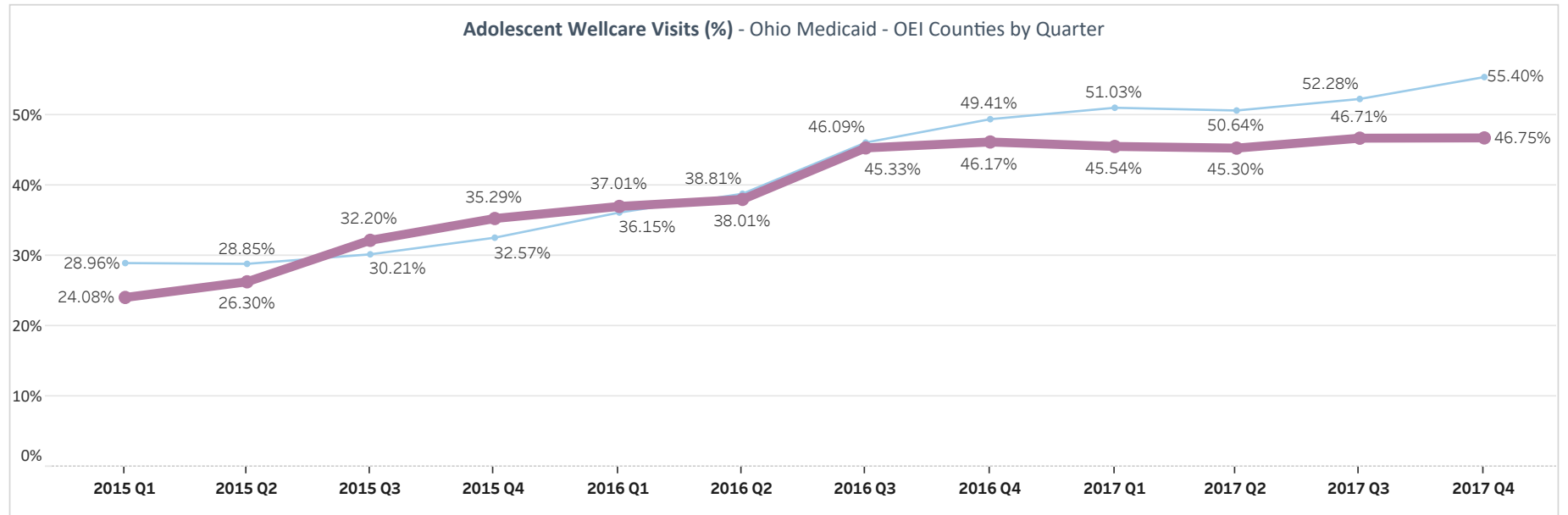
## Adolescent Wellcare Visits (%)

## Adams, Brown Counties - Adolescent Wellcare Visits (%)

### Trends by Quarter | CY 2015-2017

Counties

Adams Brown

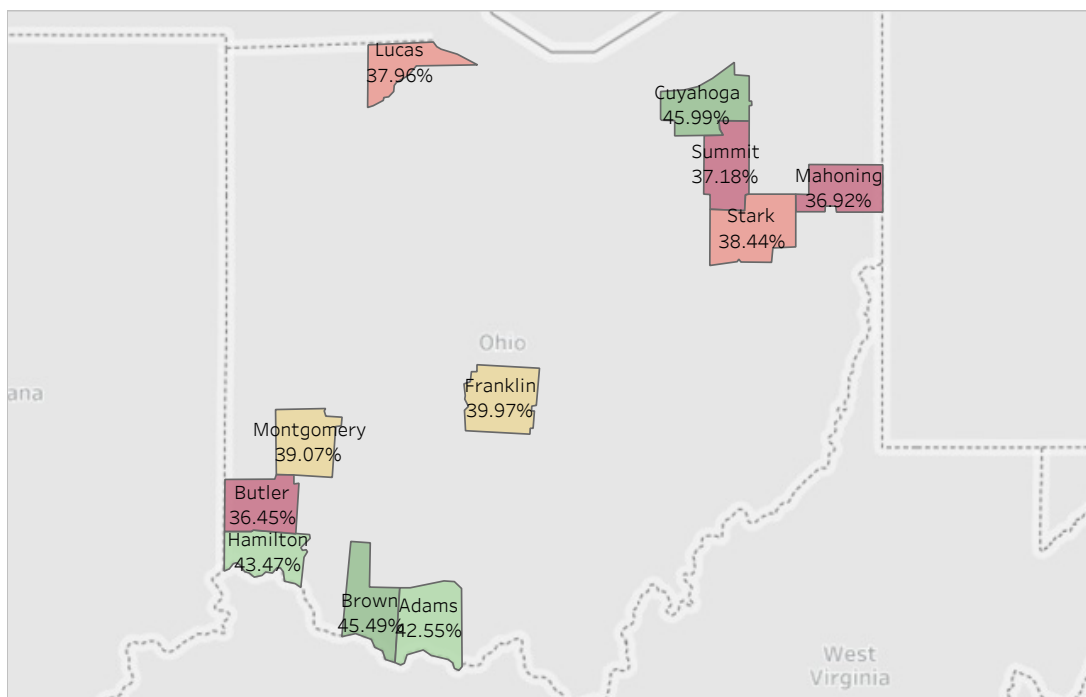


County	Adolescent Wellcare Visits Aggregate Rate Q1 2015 - Q4 2017	Adolescent Wellcare Visits Current Rate Q1 2017 - Q4 2017	Annual Target for Real Impact*
Brown	45.49%	55.40%	From 536 to 564 Women
Adams	42.55%	46.75%	From 393 to 418 Women

Note: Statistical significance test is based off of a 95% confidence level using the binomial test of proportions. The baseline rate (a rate for the entire time period from Q1 2015 – Q4 2017) is compared to the annual target numerator, denominator, and rate for future data to determine a change that would result in p-value less than 0.05, resulting in statistical significance at a 95% confidence level. In order to normalize and account for any quarterly variation, the size of the denominator for the target measure is based off of an average quarterly calculation of the denominators from Q1 2015 through Q4 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

## Adams, Brown Counties - Adolescent Wellcare Visits (%)

### OEI County Quintiles | CY 2015-2017



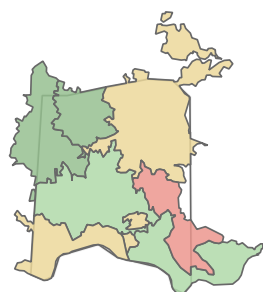
#### Map Measure Ranges

- $\geq 0 < 37.188\%$
- $\geq 37.188\% < 38.455\%$
- $\geq 38.455\% < 42.543\%$
- $\geq 42.543\% < 45.478\%$
- $\geq 45.478\%$

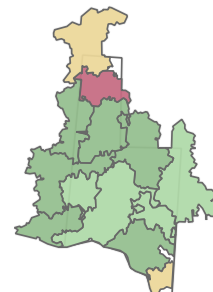
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.

Adams

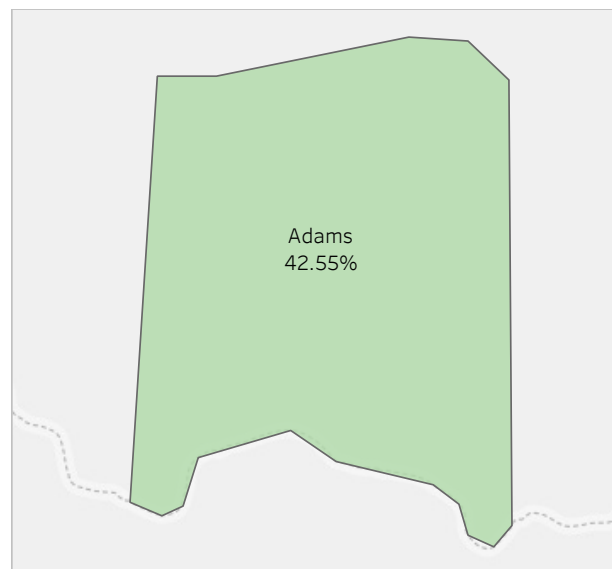
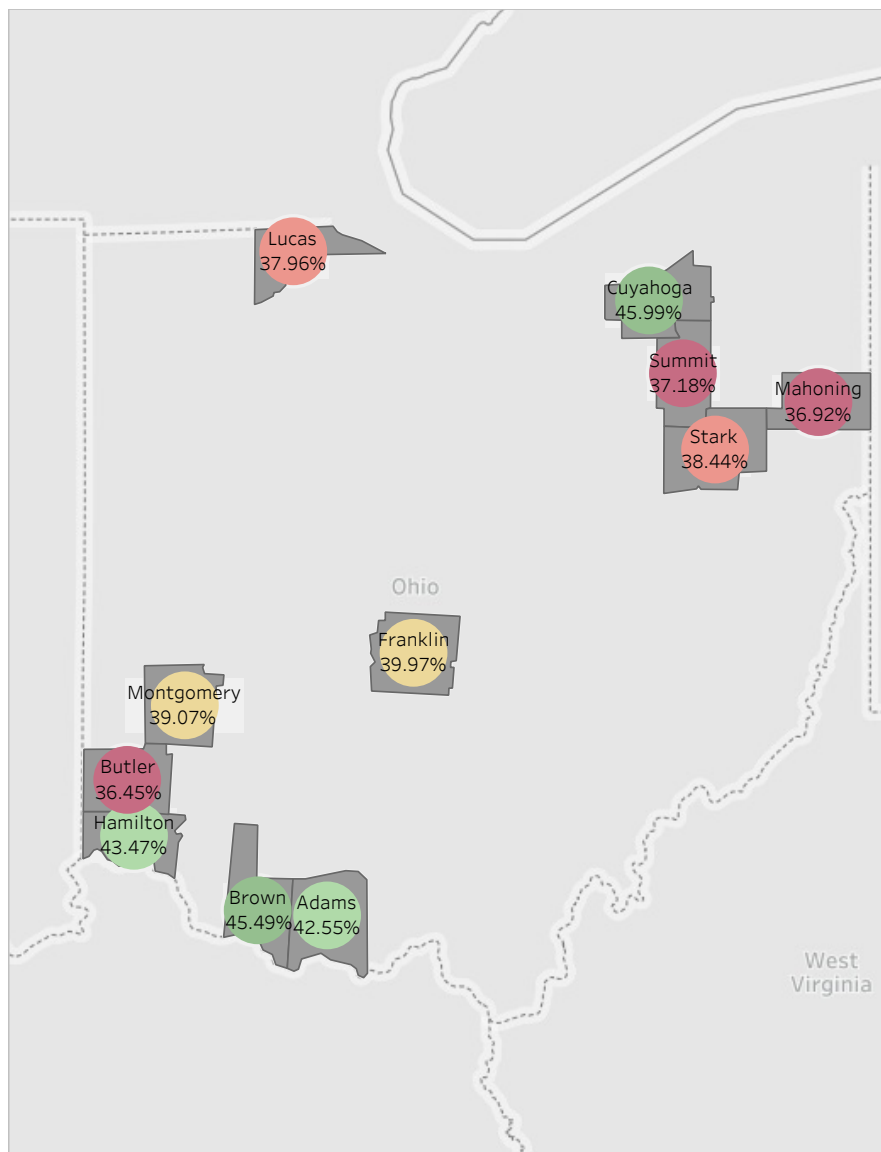


Brown



## Adams County - Adolescent Wellcare Visits (%)

### OEI Quintiles | CY 2015-2017

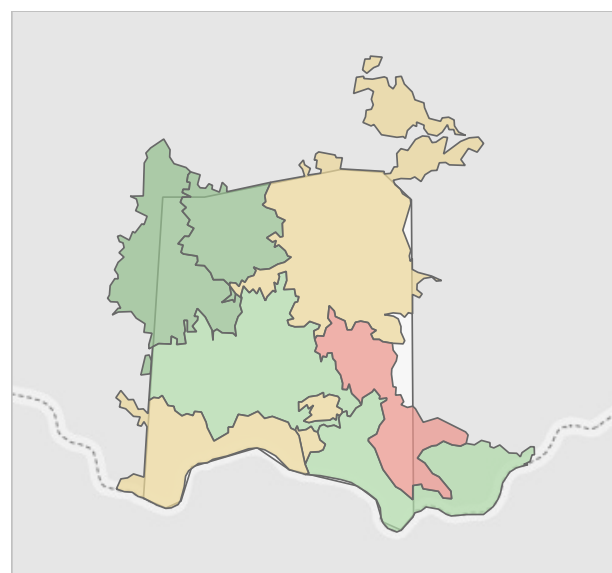


#### Map Measure Ranges

- >=0 < 37.188%
- >= 37.188% < 38.455%
- >= 38.455% < 42.543%
- >= 42.543% < 45.478%
- >= 45.478%

A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

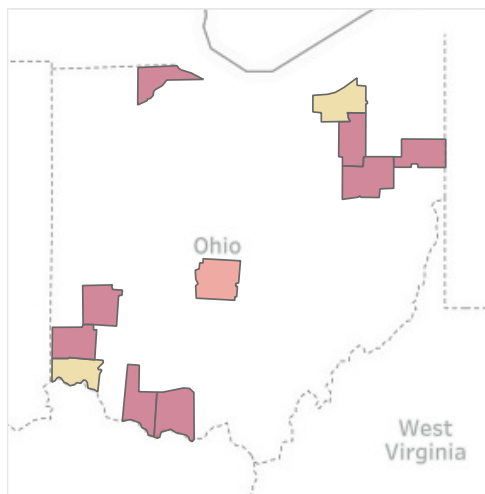
Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



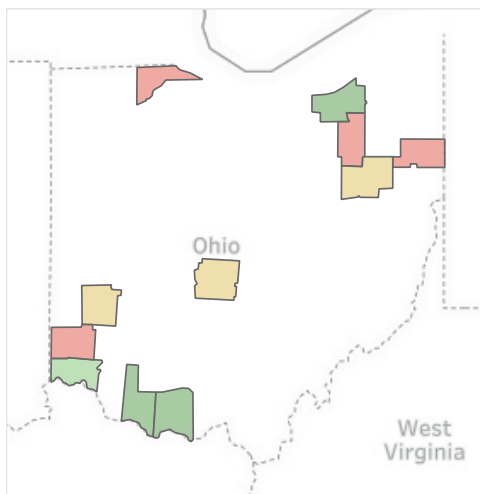
## Adams County - Adolescent Wellcare Visits (%)

### OEI Quintiles | CY 2015-2017 Yearly Comparison

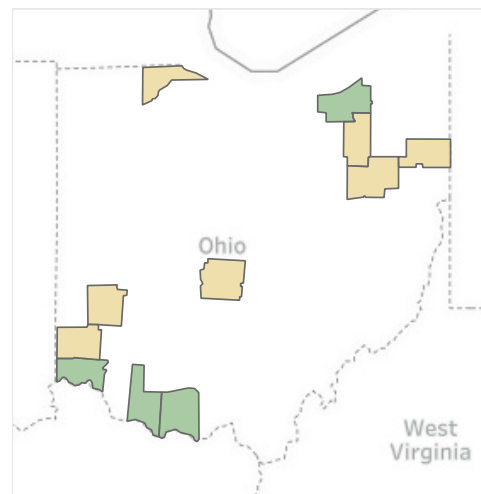
CY 2015



CY 2016



CY 2017

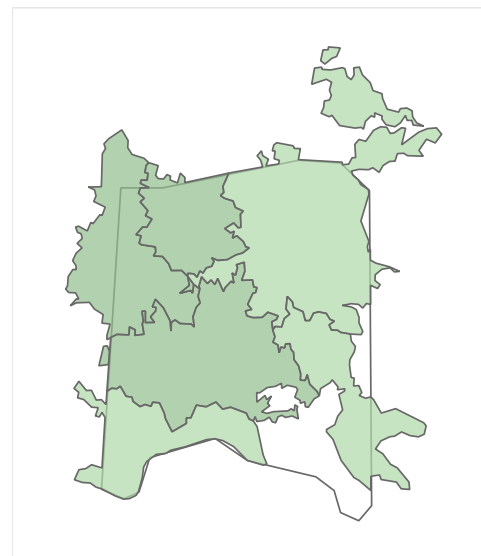
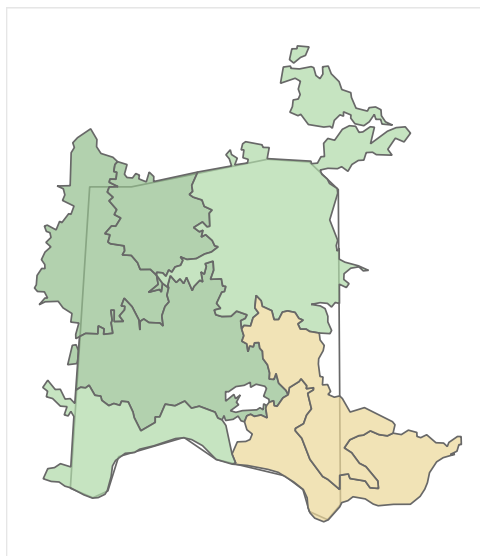
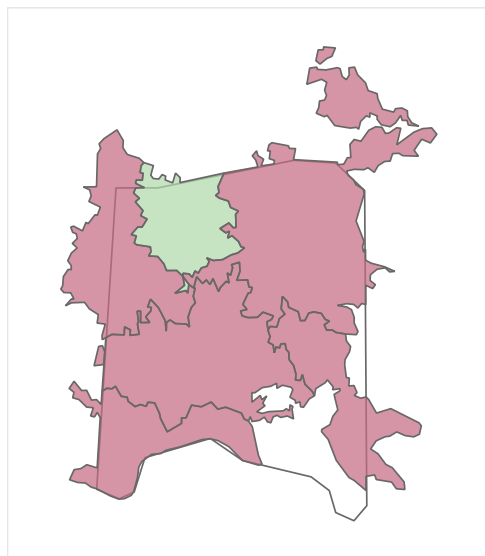


#### Map Measure Ranges

- >= 0 < 37.188%
- >= 37.188% < 38.455%
- >= 38.455% < 42.543%
- >= 42.543% < 45.478%
- >= 45.478%

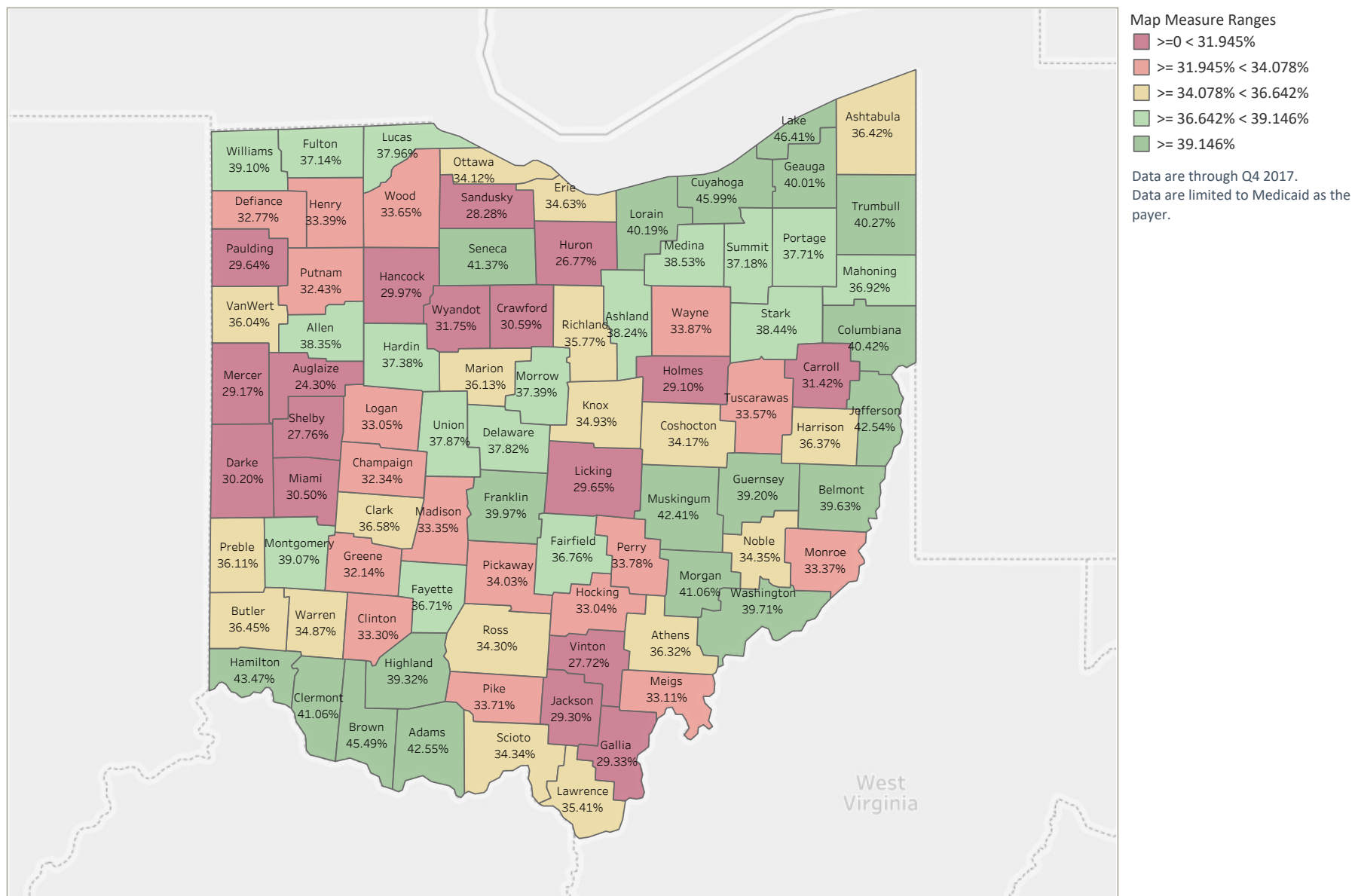
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q4 2017.  
Data are limited to Medicaid as the payer.



## Statewide - Adolescent Wellcare Visits (%)

### Overall Quintiles by County | CY 2015 - 2017







### Yearly Trends by MCP - Adolescent Wellcare Visits (%) All OEI Counties | CY 2015-2017

Medicaid Plan  
All Plans

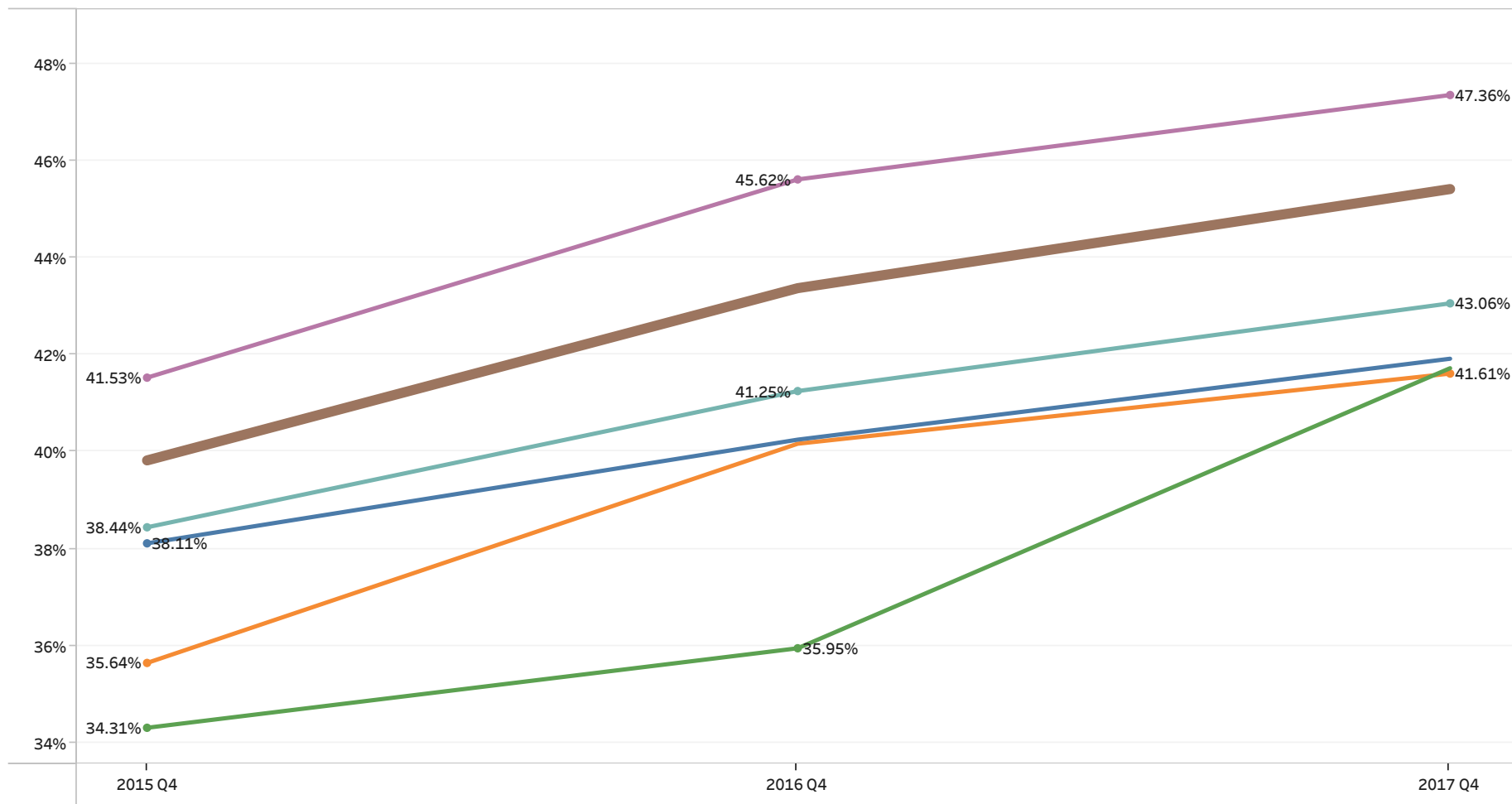
Buckeye

CareSource

Molina

Paramount

United



Data are through Q4 2017.  
Data are limited to Medicaid as the payer.