



Department of
Medicaid

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

Ohio Department of Medicaid's Maternal and Infant Health Measures

Summit County

Ohio Department of Medicaid
Bureau of Health Innovation and Quality
Spring 2019



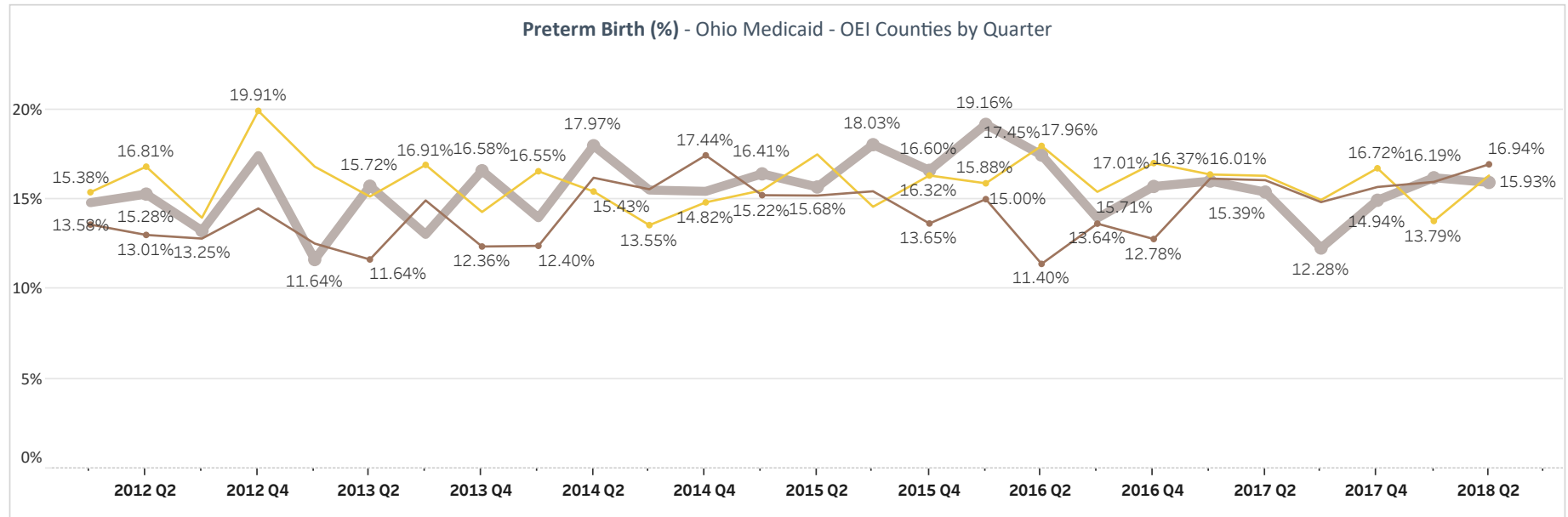
Preterm Birth (%)

Summit, Lucas, Montgomery Counties - Preterm Birth (%)

Trends by Quarter | CY 2012-2018

Counties

Lucas Montgomery Summit

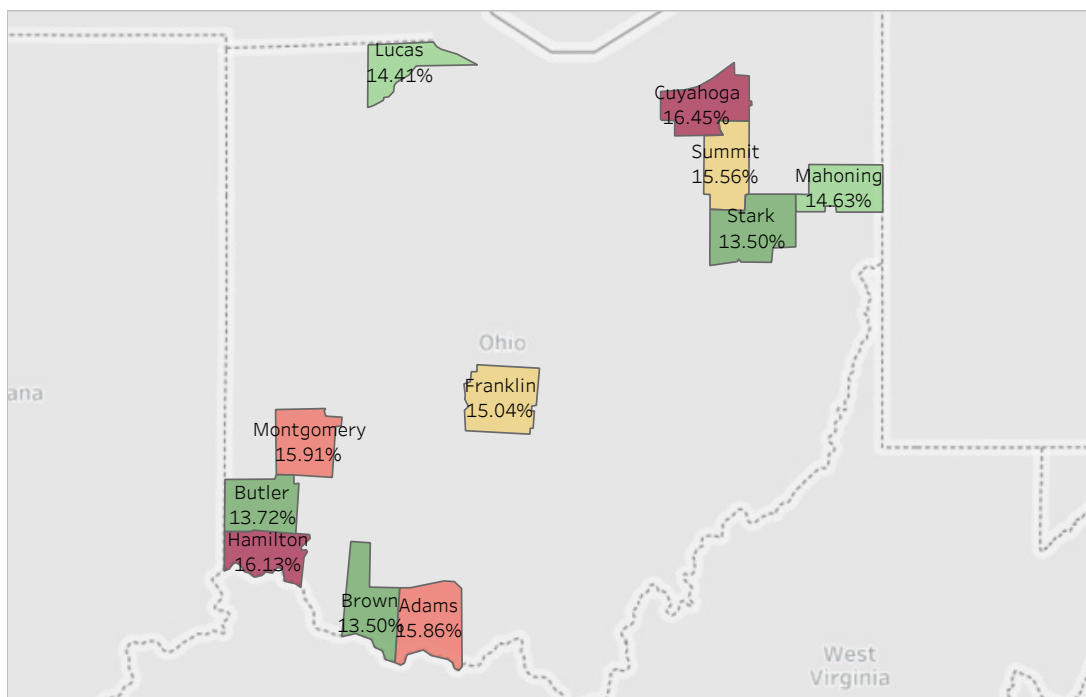


County	PTB Aggregate Rate Q1 2012 - Q2 2018	PTB Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	14.41%	15.82%	From 544 to 509 PTB Infants
Summit	15.56%	14.80%	From 518 to 483 PTB Infants
Montgomery	15.91%	15.43%	From 639 to 601 PTB Infants

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Preterm Birth (%)

OEI County Quintiles | CY 2012-2018



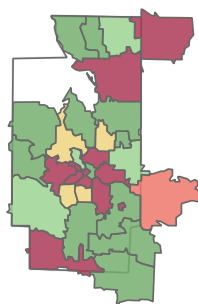
Map Measure Ranges

- $\geq 0 < 13.731\%$
- $\geq 13.731\% < 14.642\%$
- $\geq 14.642\% < 15.848\%$
- $\geq 15.848\% < 16.121\%$
- $\geq 16.121\%$

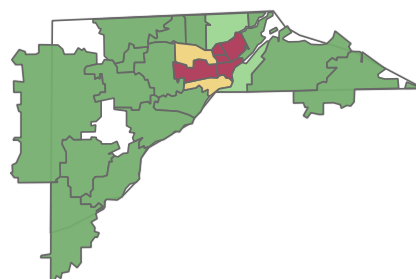
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

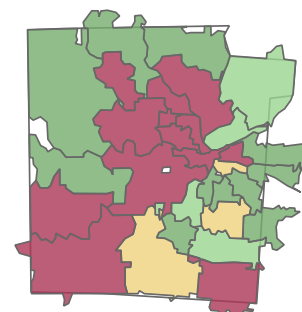
Summit



Lucas

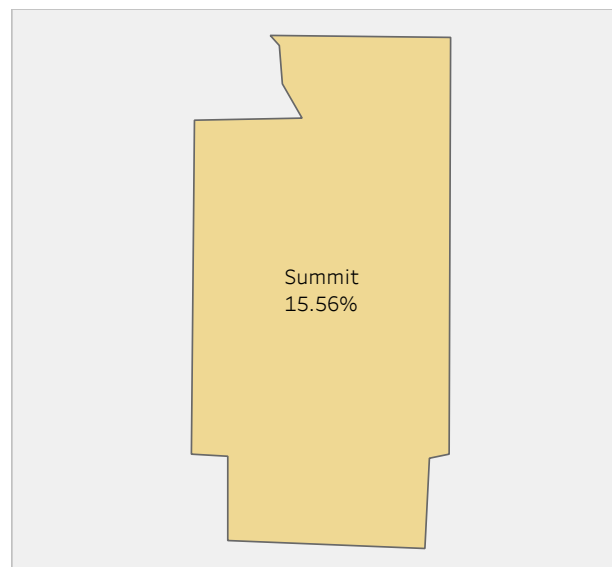
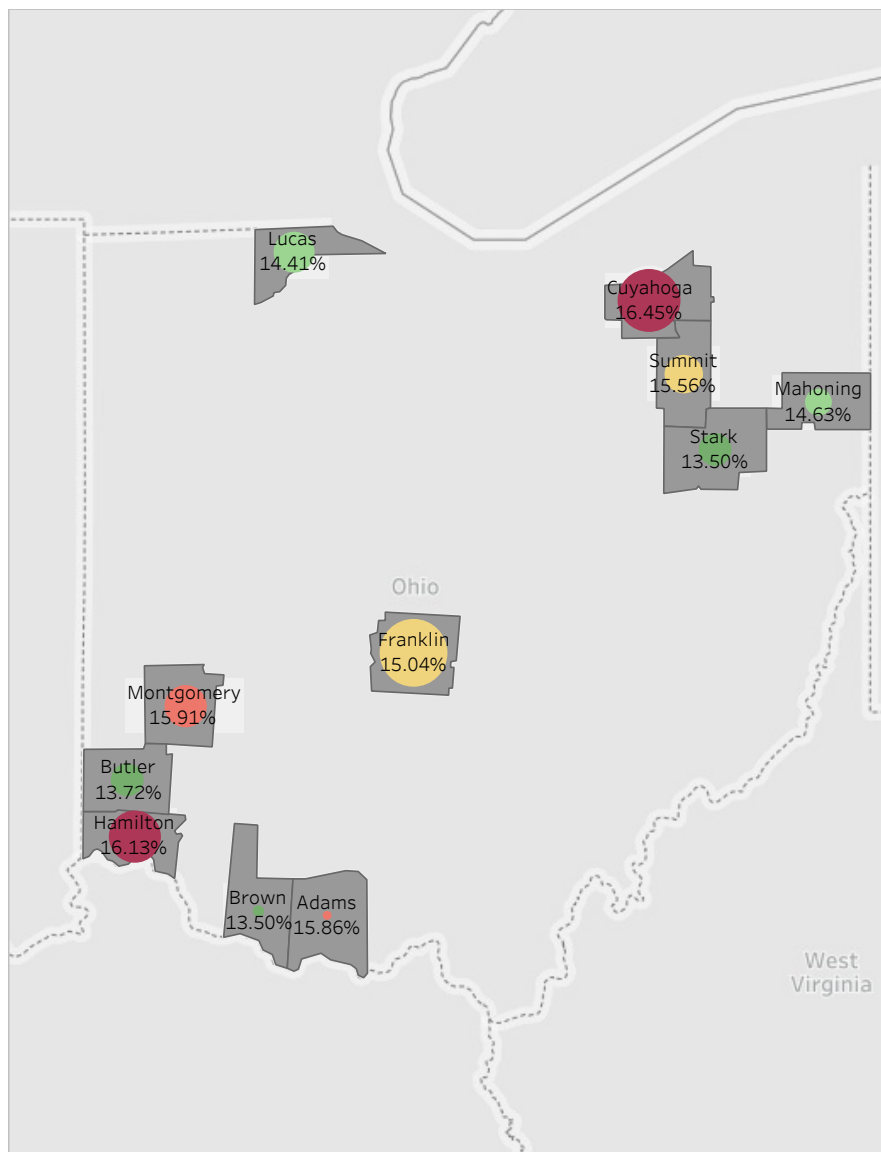


Montgomery



Summit County - Preterm Birth (%)

OEI Quintiles | CY 2012-2018

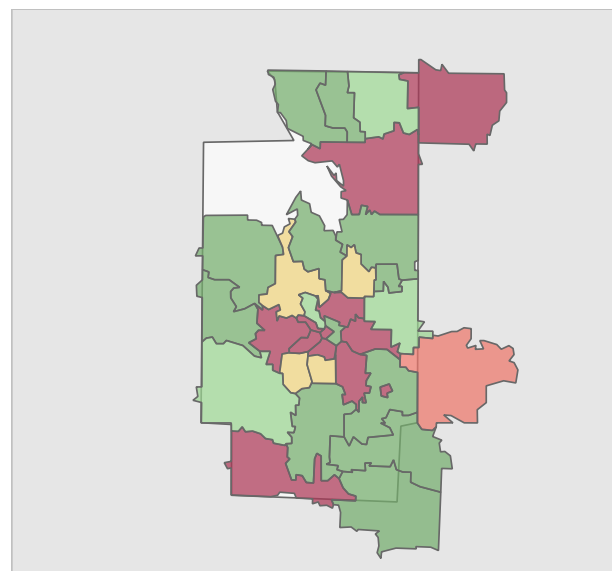


Map Measure Ranges

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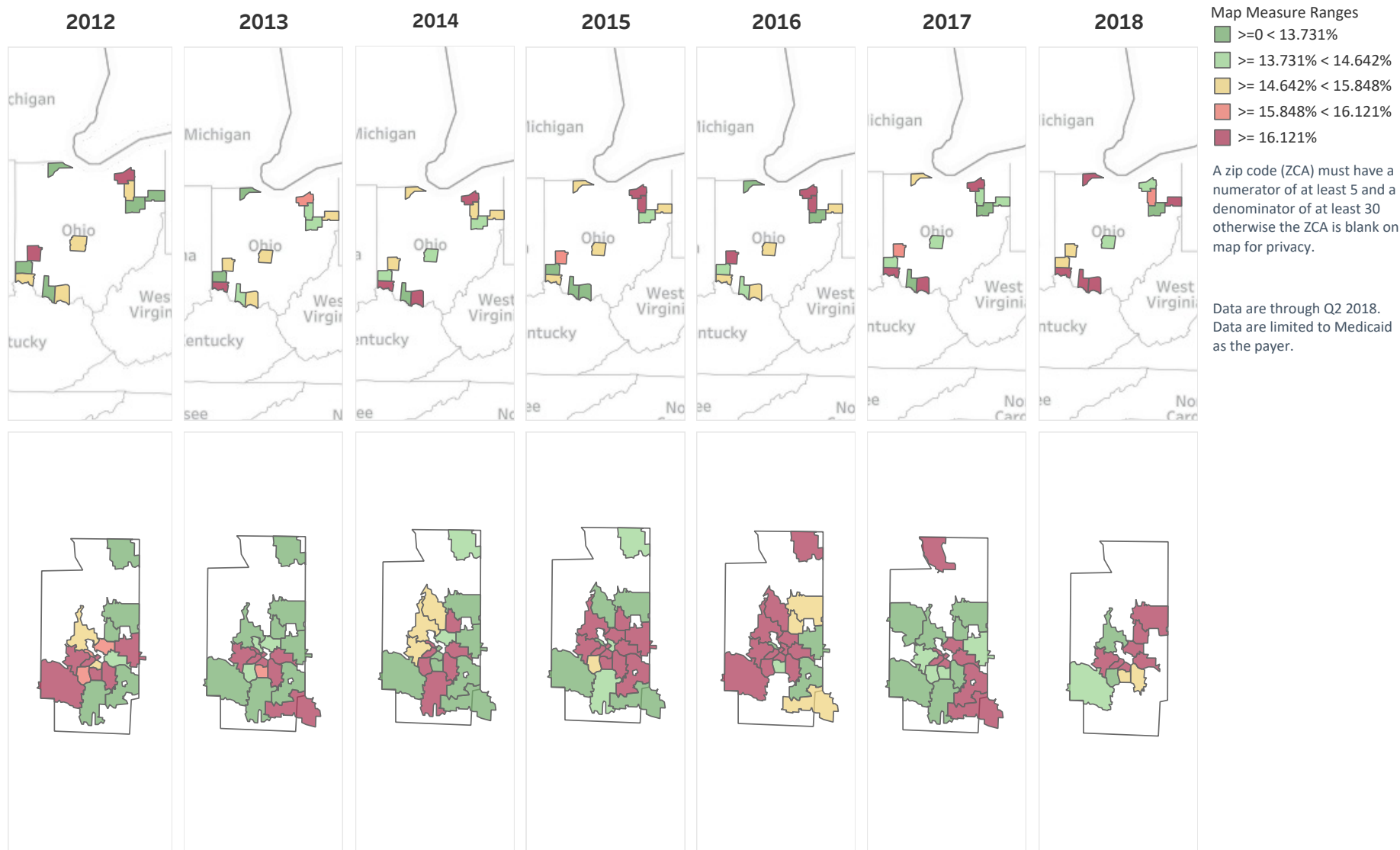
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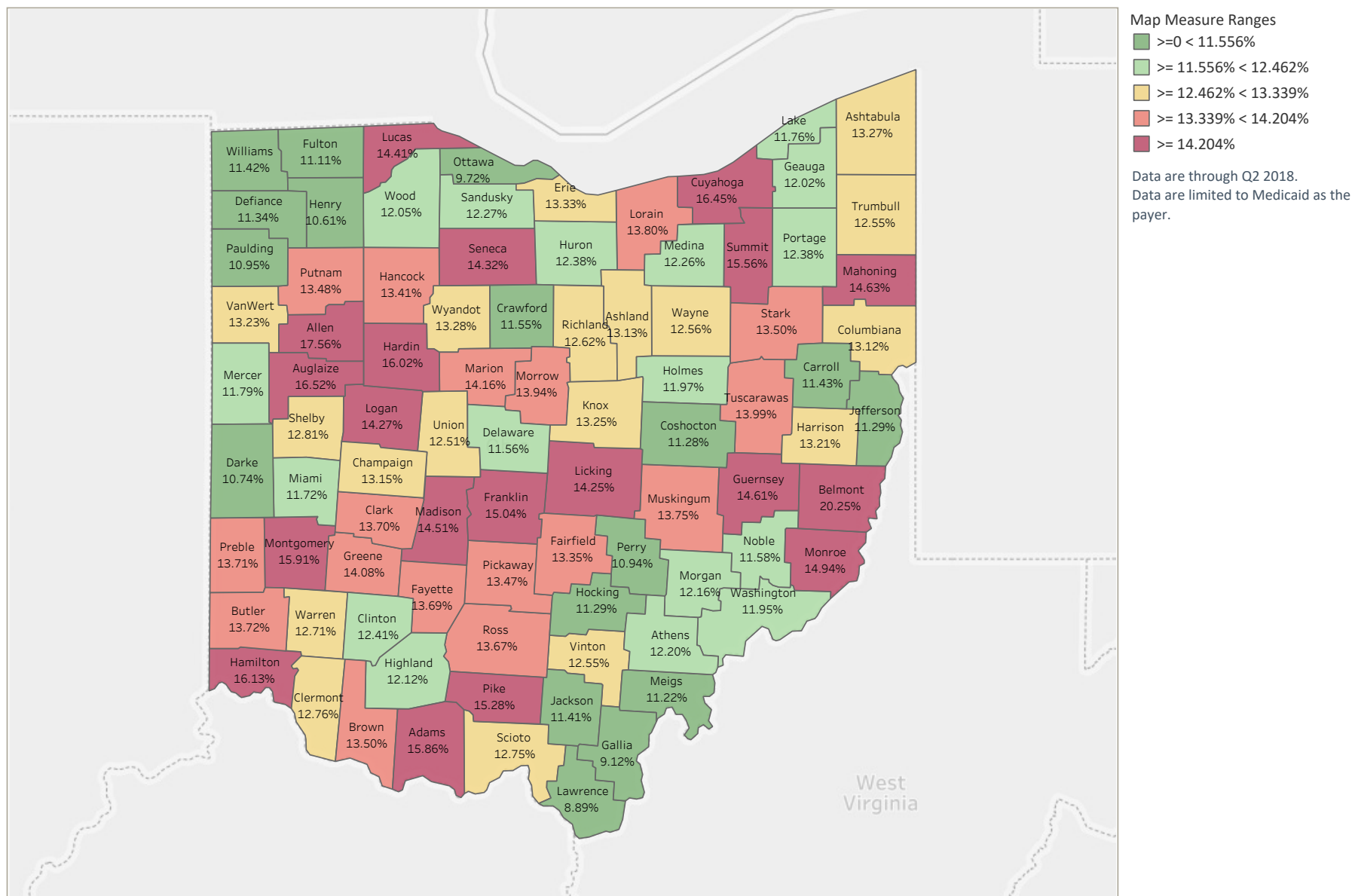
Summit County - Preterm Birth (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Preterm Birth (%)

Overall Quintiles by County | CY 2012 - 2018





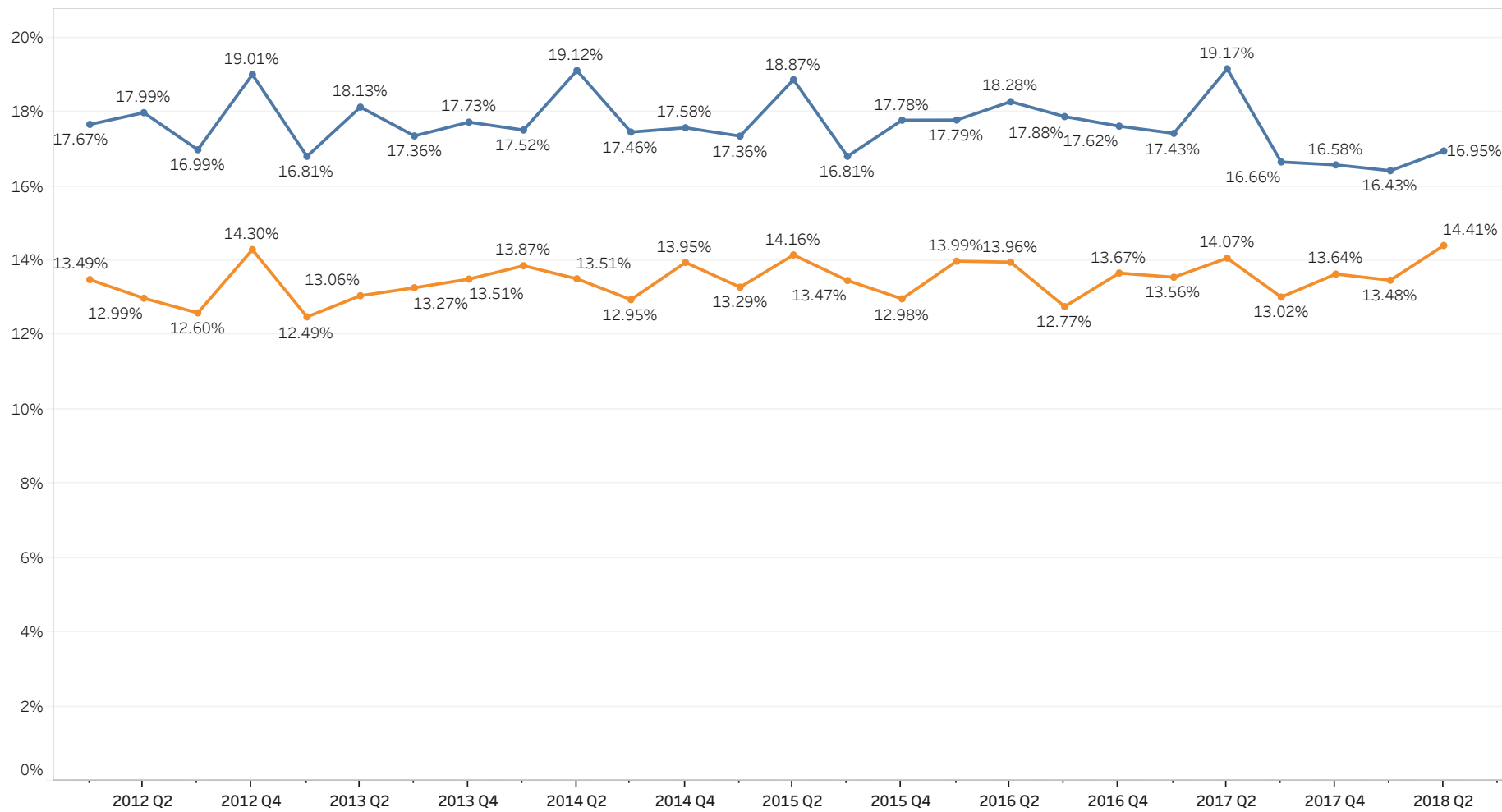
Quarterly Trends by Race - Preterm Birth (%)

All OEI Counties | CY 2012-2018

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Preterm Birth (%) All OEI Counties | CY 2012-2018

Medicaid Plan
All Plans

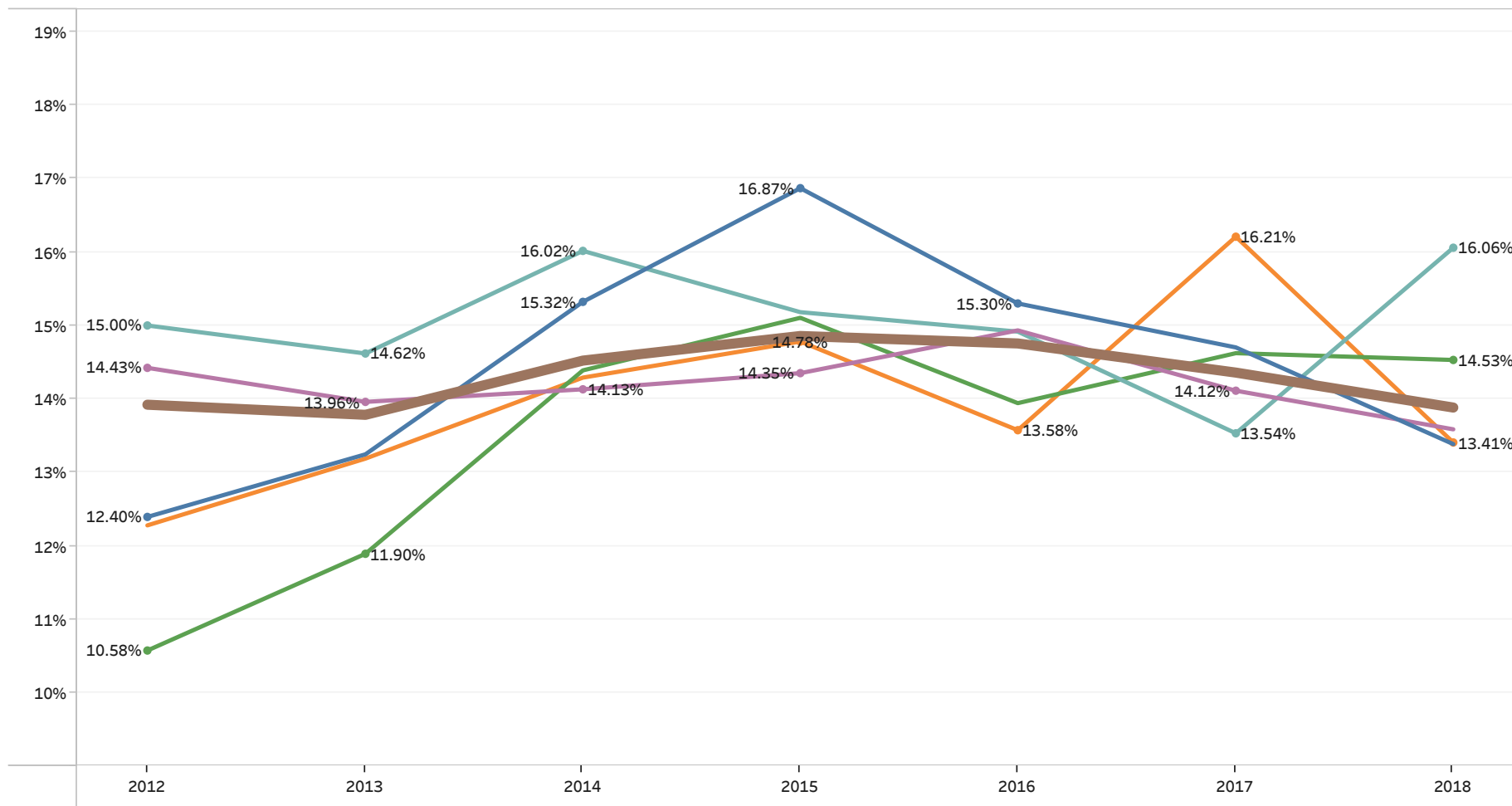
Buckeye

CareSource

Molina

Paramount

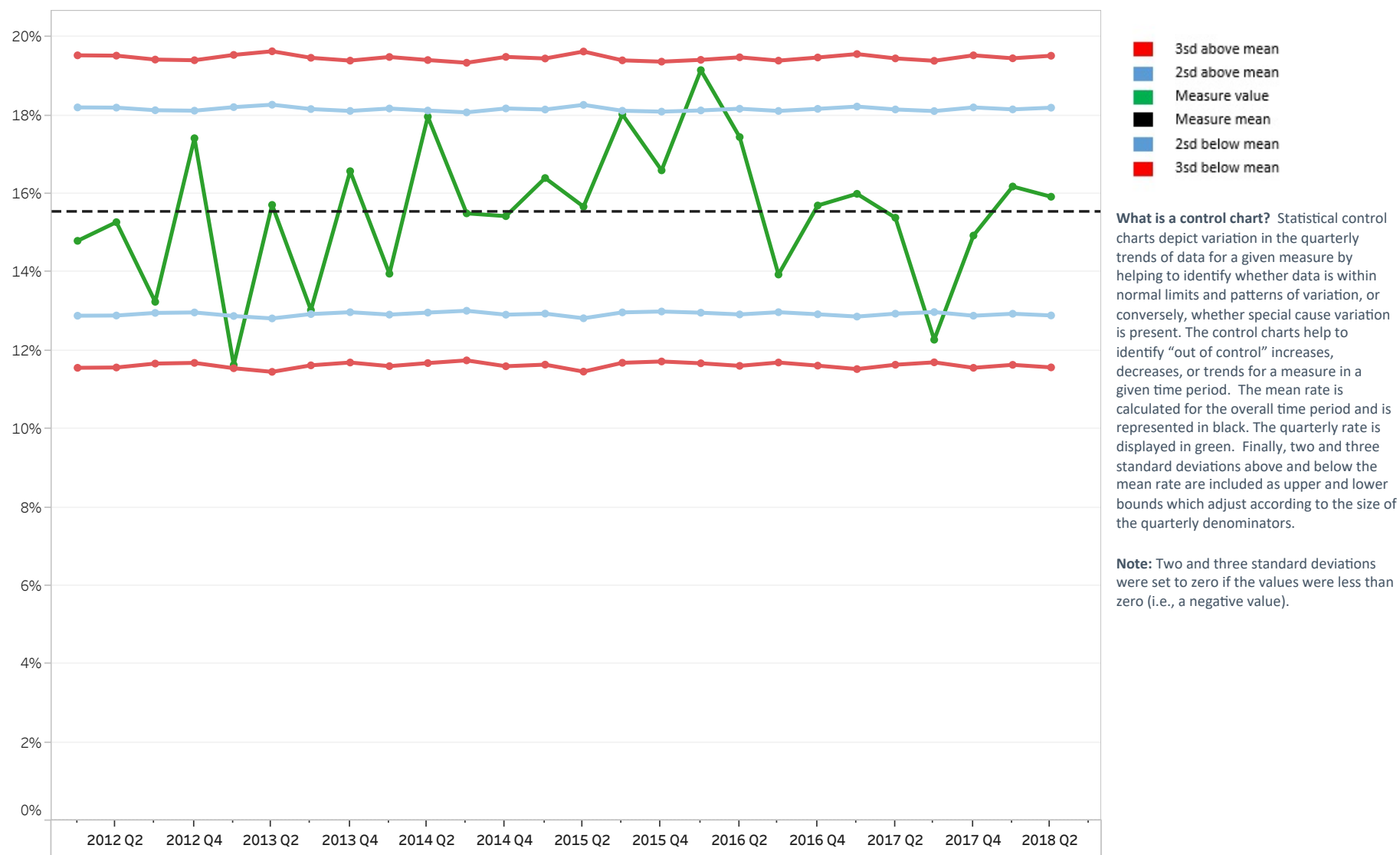
United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.

Summit County Quarterly Control Chart - Preterm Birth (%) CY 2012-2018



Data are limited to Medicaid as the payer.

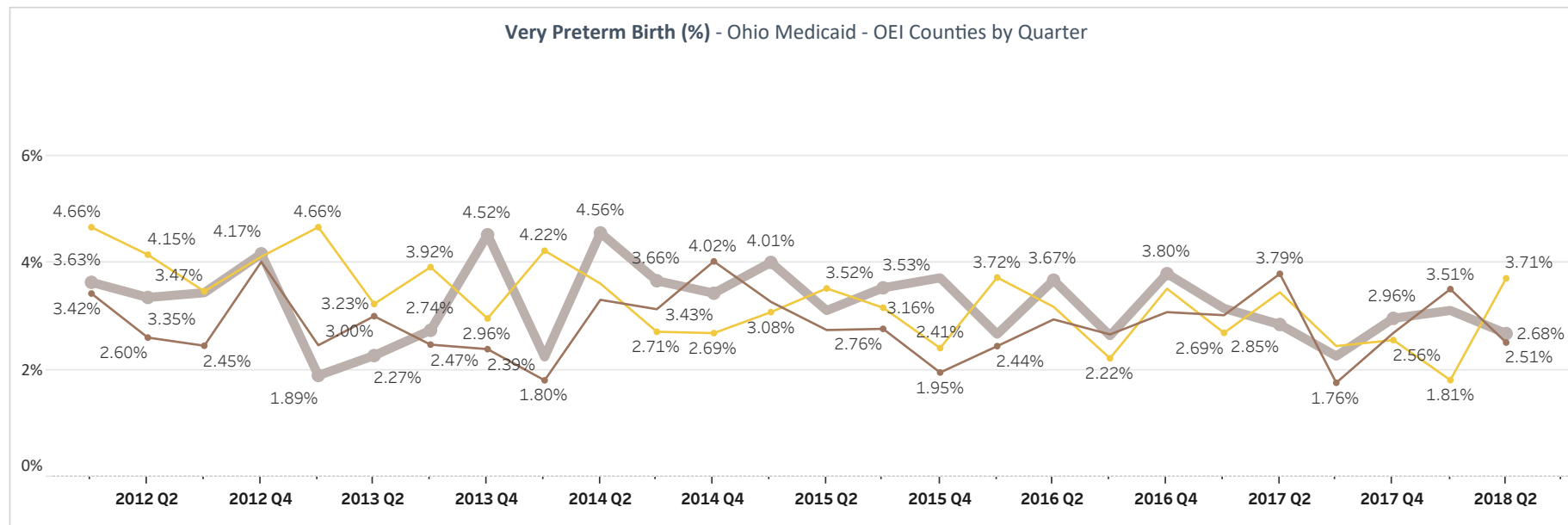


Very Preterm Birth (%)

Summit, Lucas, Montgomery Counties - Very Preterm Birth (%)

Trends by Quarter | CY 2012-2018

Counties
■ Lucas ■ Montgomery ■ Summit

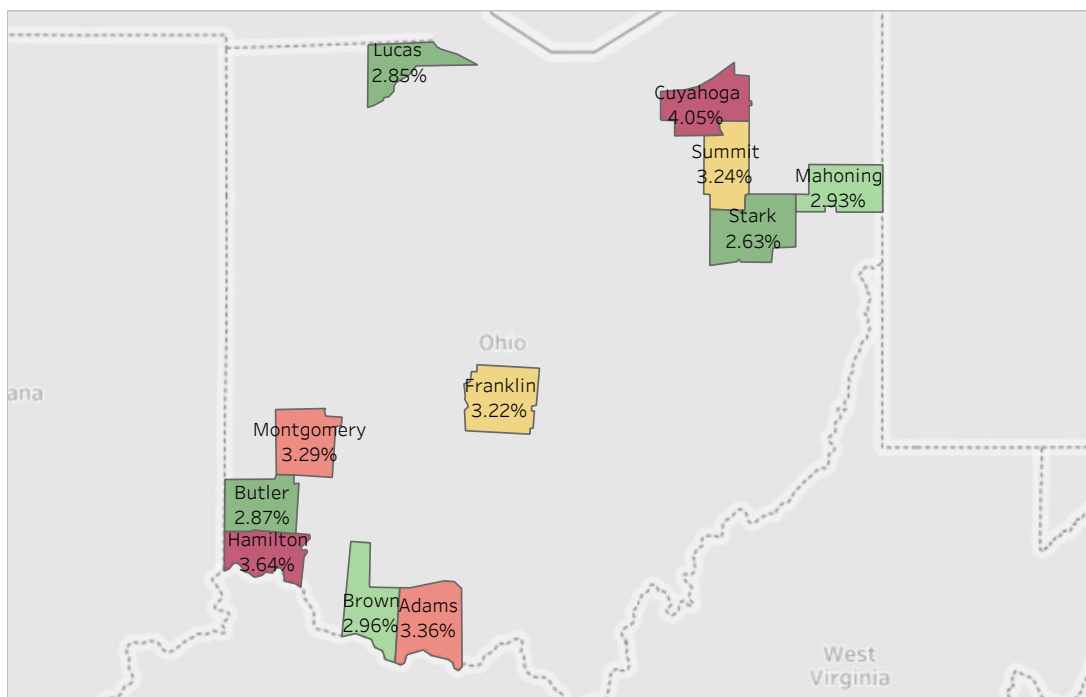


County	VPTB Aggregate Rate Q1 2012 - Q2 2018	VPTB Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	2.85%	2.60%	From 108 to 91 VPTB Infants
Summit	3.24%	2.75%	From 108 to 91 VPTB Infants
Montgomery	3.29%	2.60%	From 132 to 114 VPTB Infants

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Very Preterm Birth (%)

OEI County Quintiles | CY 2012-2018



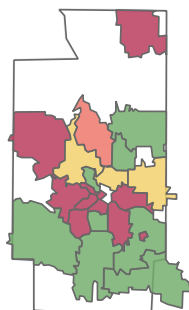
Map Measure Ranges

- $\geq 0 < 2.881\%$
- $\geq 2.881\% < 2.971\%$
- $\geq 2.971\% < 3.278\%$
- $\geq 3.278\% < 3.625\%$
- $\geq 3.625\%$

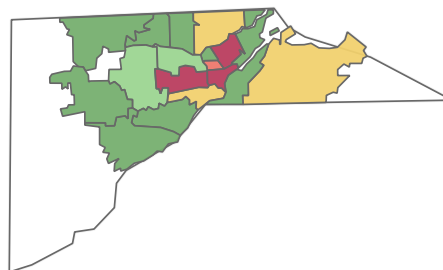
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Data are limited to Medicaid as the payer.

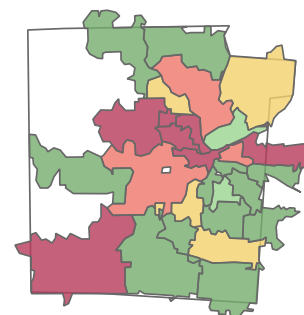
Summit



Lucas

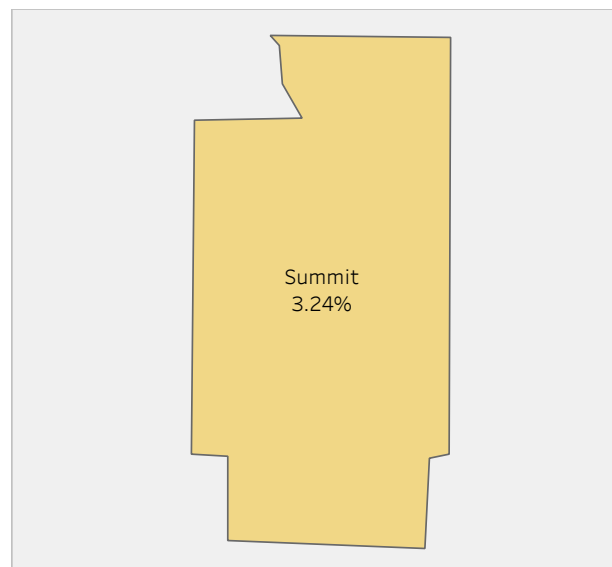
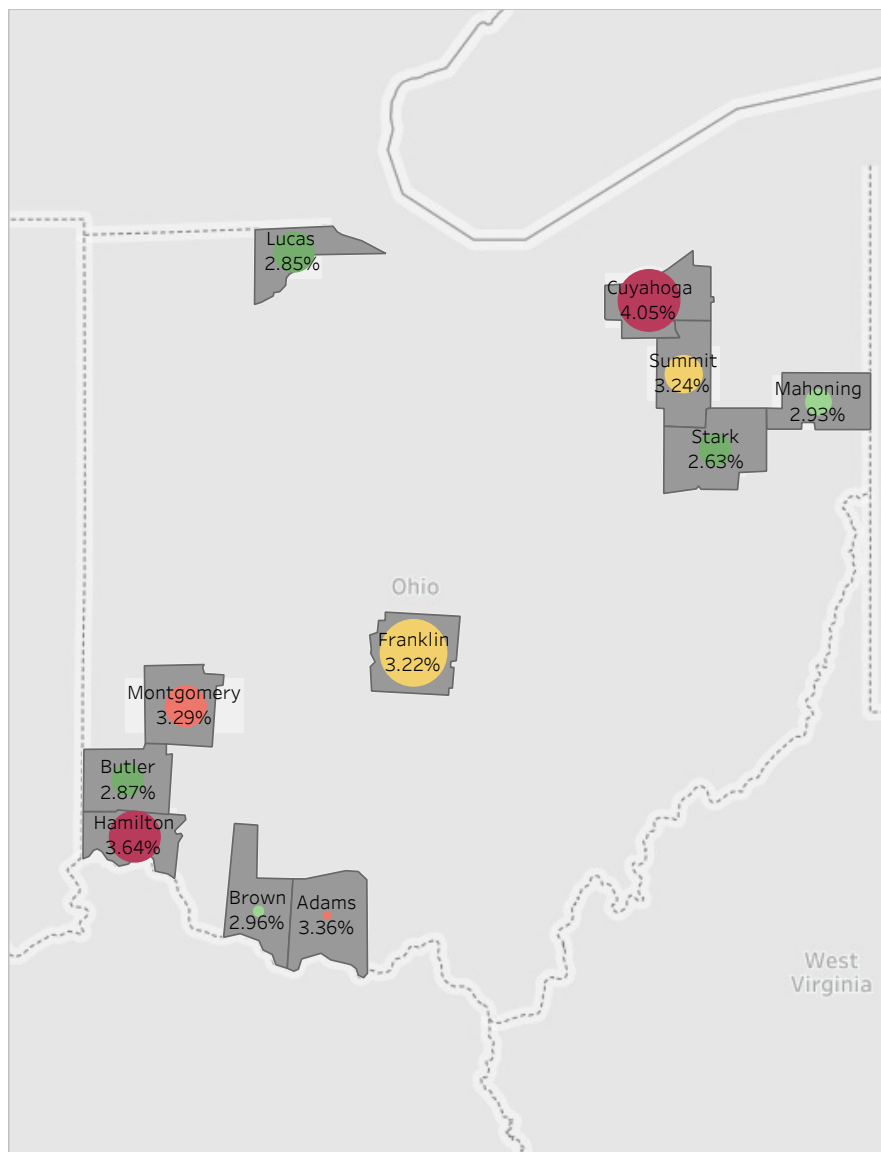


Montgomery



Summit County - Very Preterm Birth (%)

OEI Quintiles | CY 2012-2018

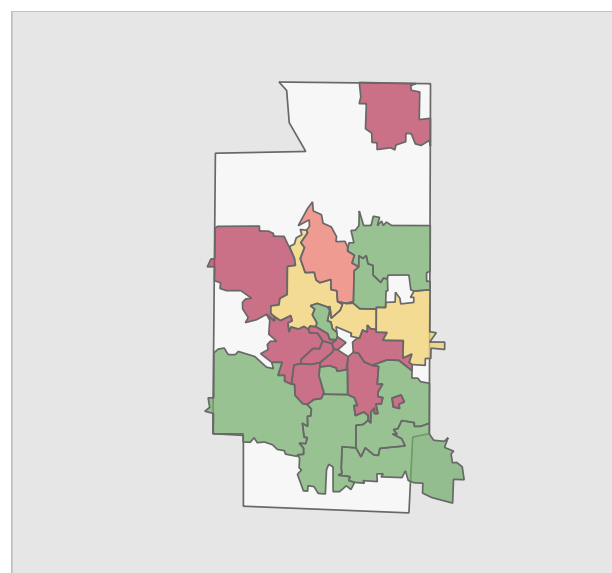


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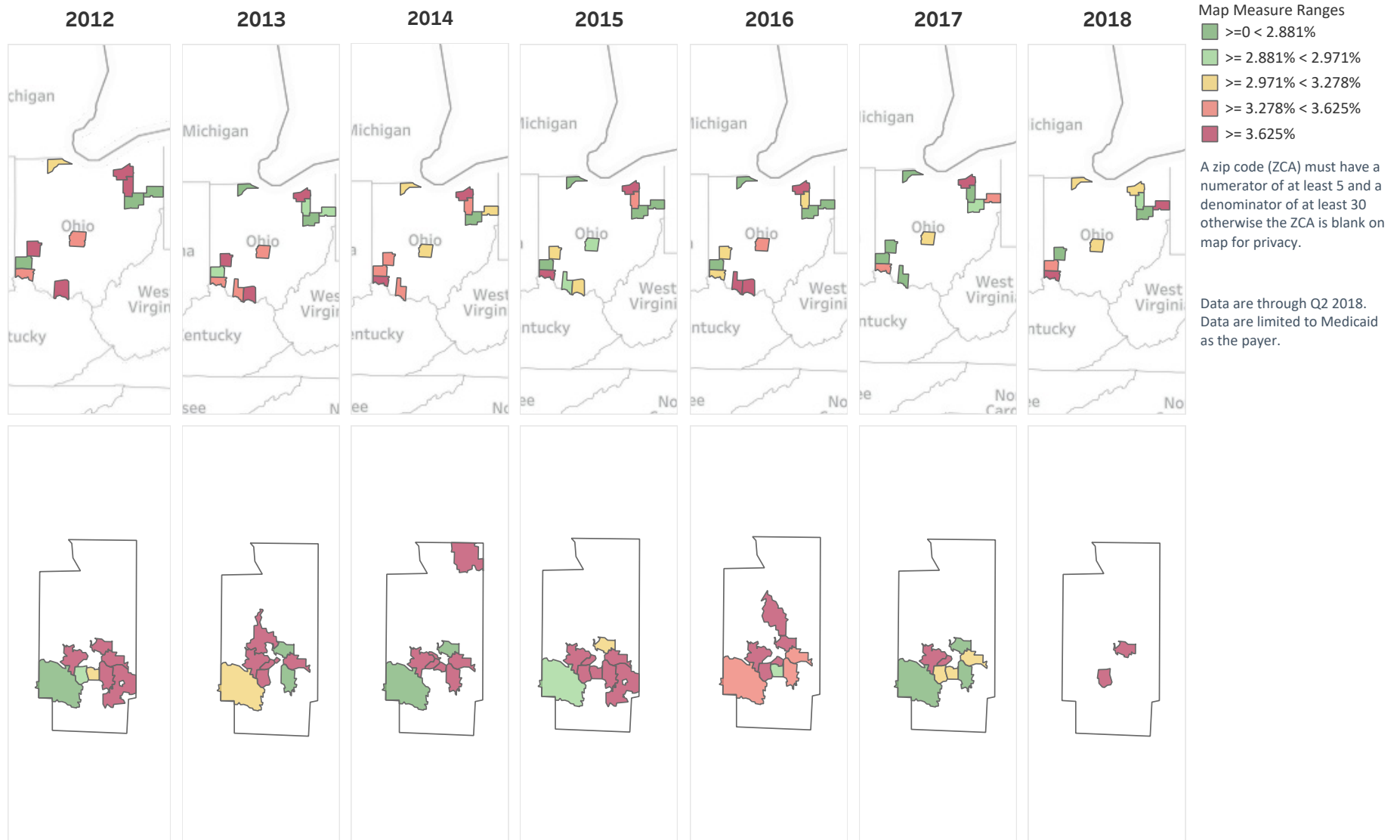
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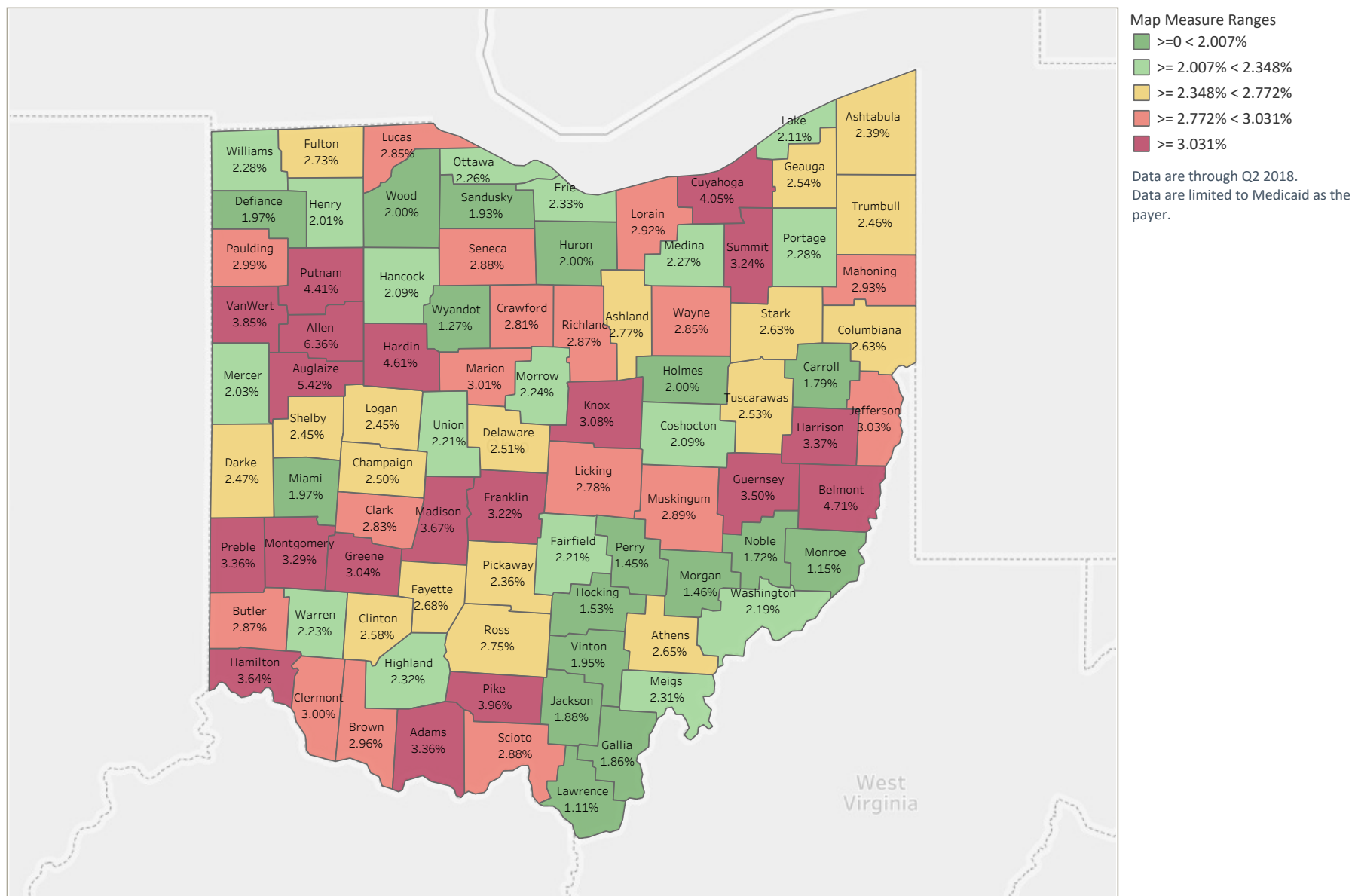
Summit County - Very Preterm Birth (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Very Preterm Birth (%)

Overall Quintiles by County | CY 2012 - 2018





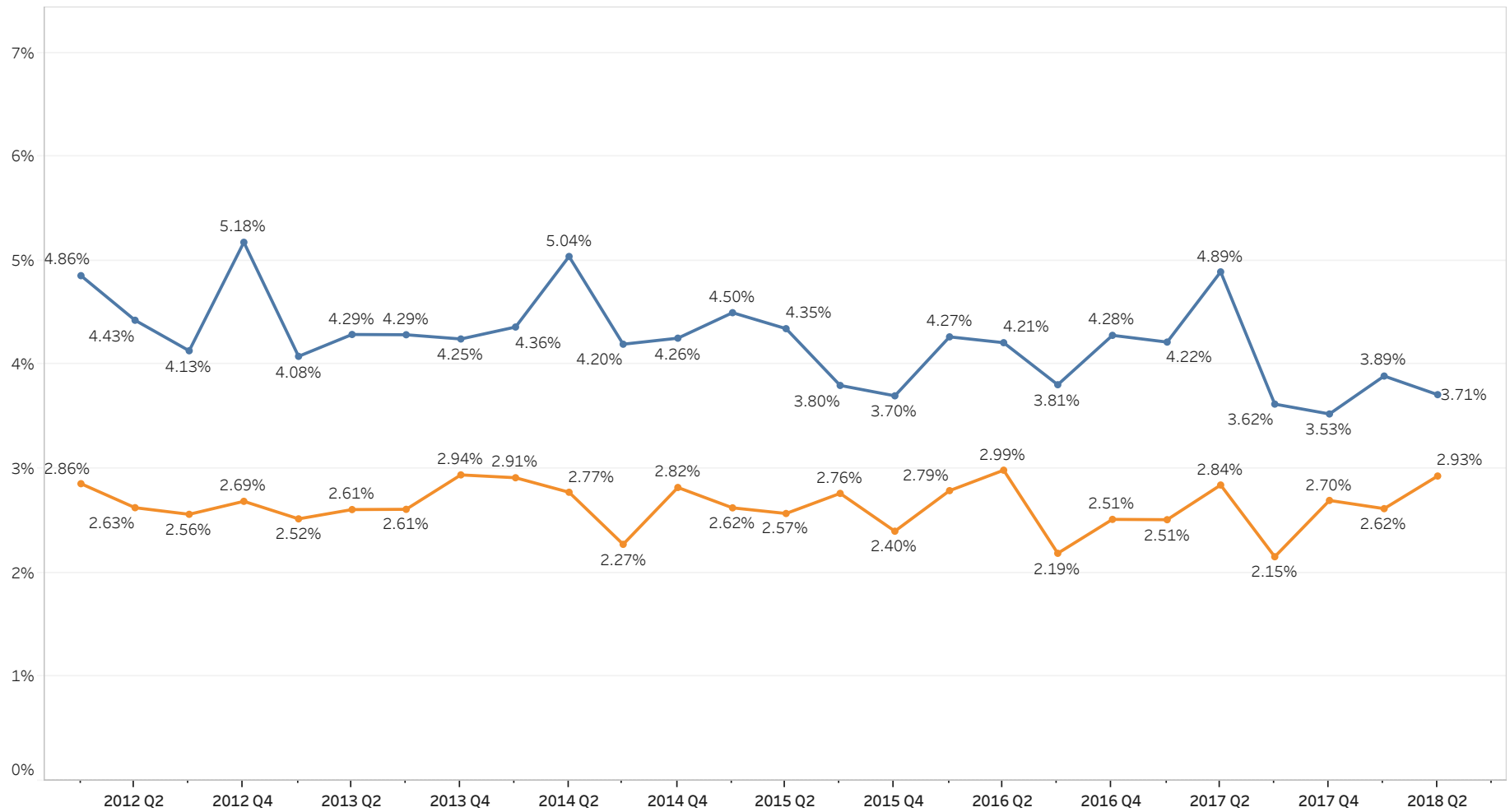
Quarterly Trends by Race - Very Preterm Birth (%)

All OEI Counties | CY 2012-2018

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Very Preterm Birth (%) All OEI Counties | CY 2012-2018

Medicaid Plan

All Plans

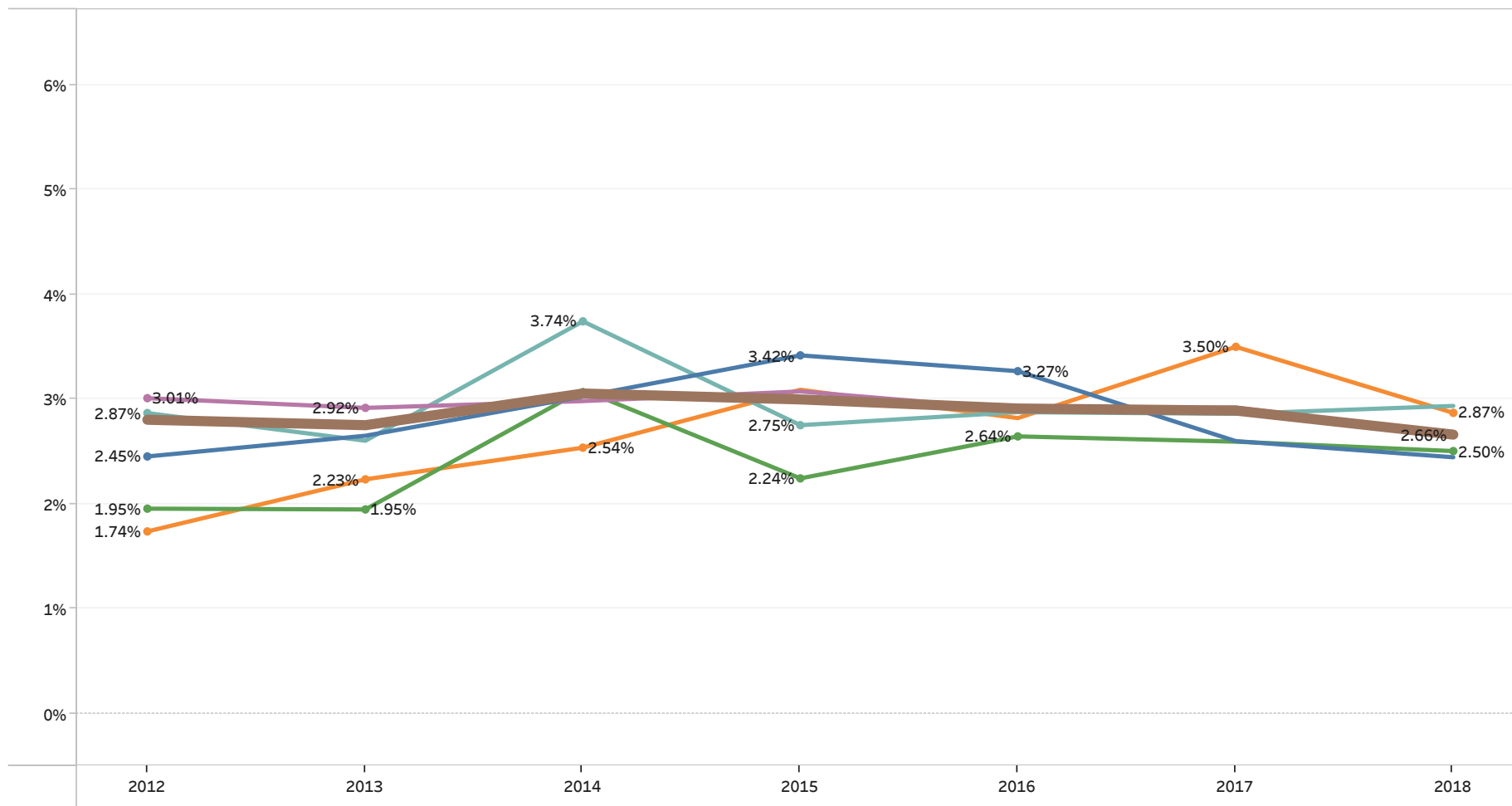
Buckeye

CareSource

Molina

Paramount

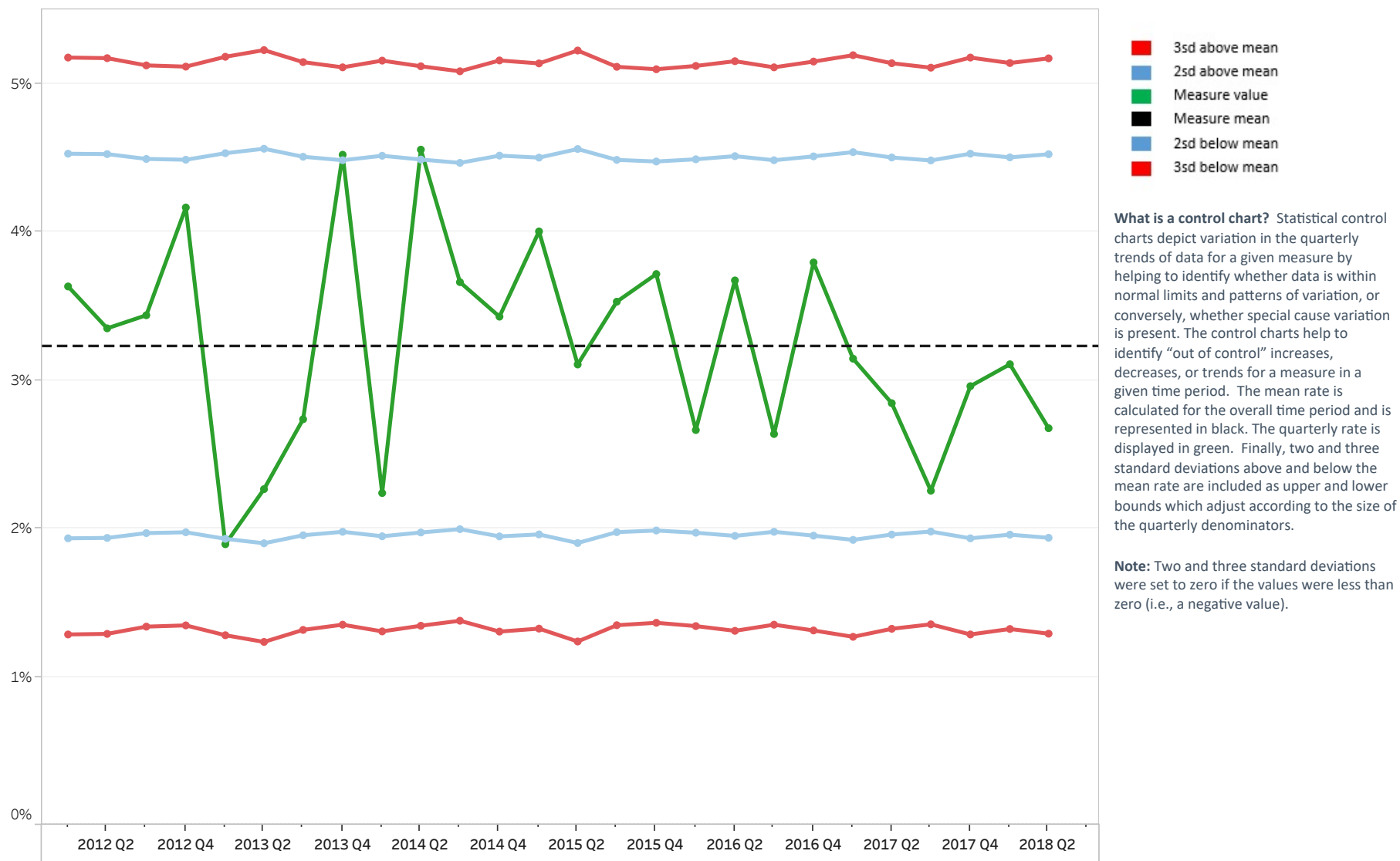
United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.

Summit County Quarterly Control Chart - Very Preterm Birth (%) CY 2012-2018



What is a control chart? Statistical control charts depict variation in the quarterly trends of data for a given measure by helping to identify whether data is within normal limits and patterns of variation, or conversely, whether special cause variation is present. The control charts help to identify "out of control" increases, decreases, or trends for a measure in a given time period. The mean rate is calculated for the overall time period and is represented in black. The quarterly rate is displayed in green. Finally, two and three standard deviations above and below the mean rate are included as upper and lower bounds which adjust according to the size of the quarterly denominators.

Note: Two and three standard deviations were set to zero if the values were less than zero (i.e., a negative value).

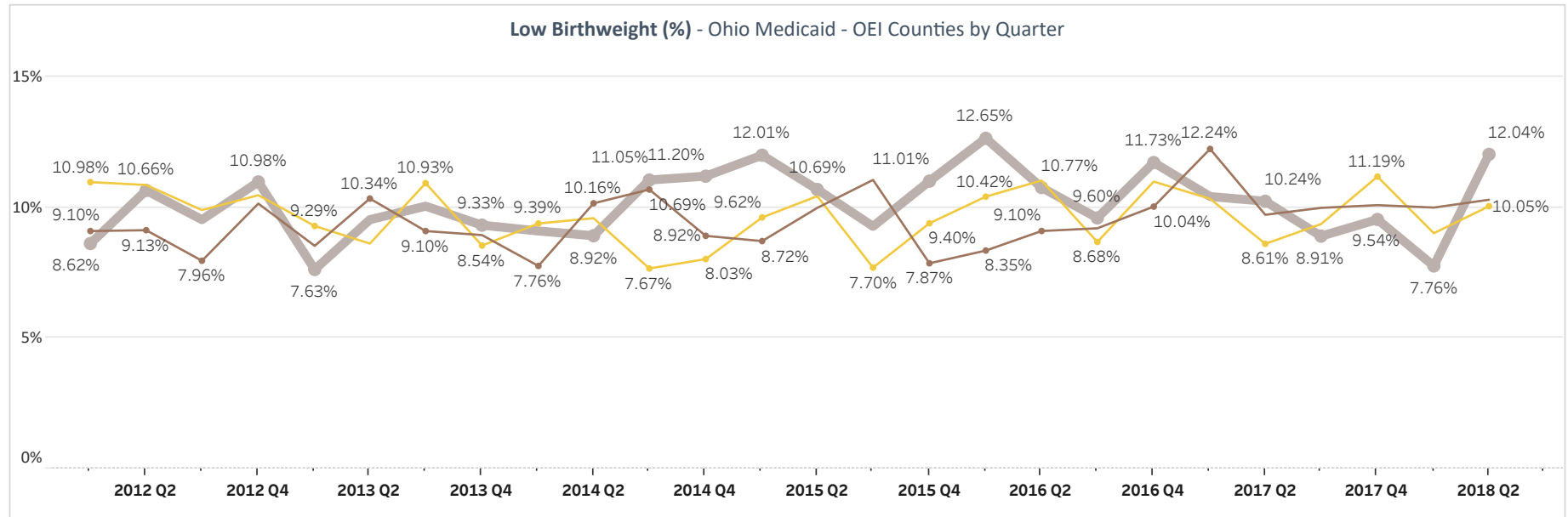


Low Birthweight (%)

Summit, Lucas, Montgomery Counties - Low Birthweight (%)

Trends by Quarter | CY 2012-2018

Counties
■ Lucas ■ Montgomery ■ Summit

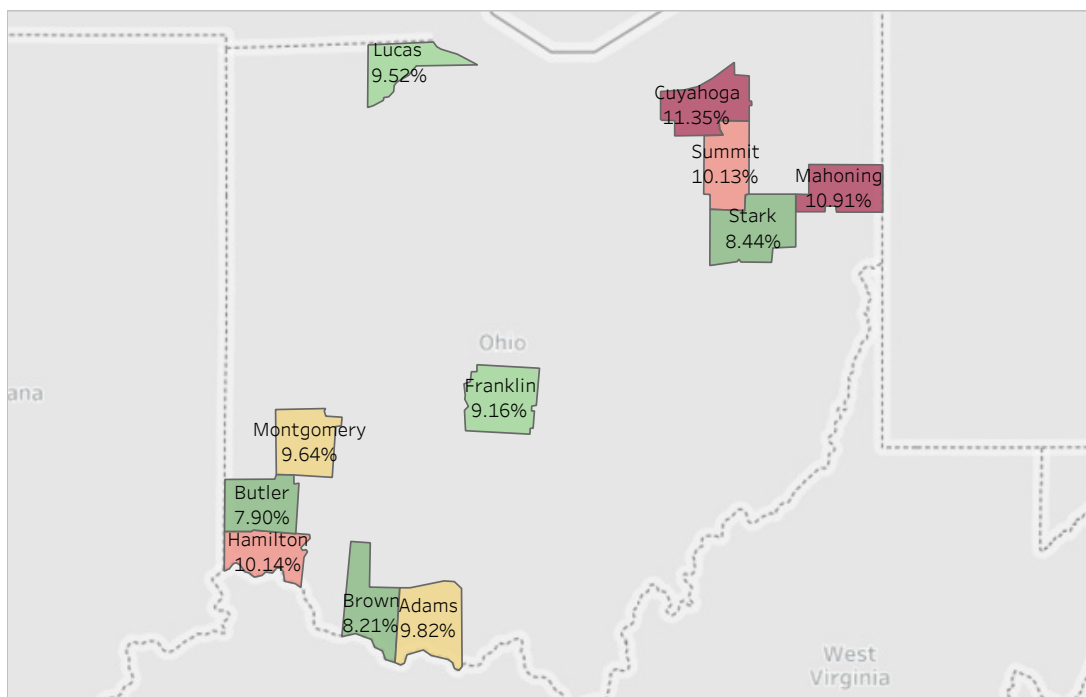


County	LBW Aggregate Rate Q1 2012 - Q2 2018	LBW Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	9.52%	10.09%	From 348 to 318 LBW Infants
Summit	10.13%	9.54%	From 327 to 298 LBW Infants
Montgomery	9.64%	9.90%	From 374 to 344 LBW Infants

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Low Birthweight (%)

OEI County Quintiles | CY 2012-2018



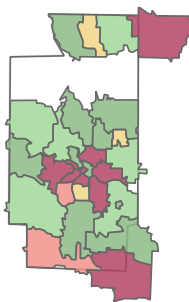
Map Measure Ranges

- $\geq 0 < 8.450\%$
- $\geq 8.450\% < 9.527\%$
- $\geq 9.527\% < 10.118\%$
- $\geq 10.118\% < 10.900\%$
- $\geq 10.900\%$

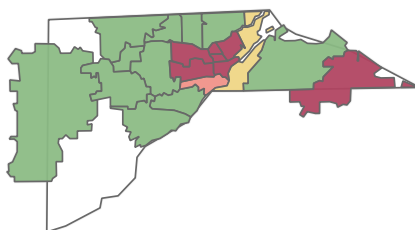
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Data are limited to Medicaid as the payer.

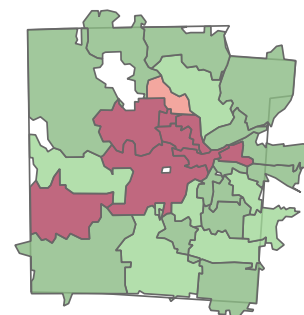
Summit



Lucas

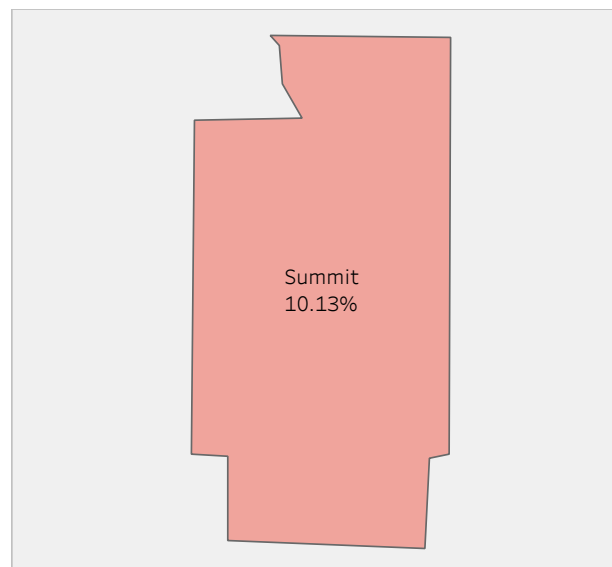
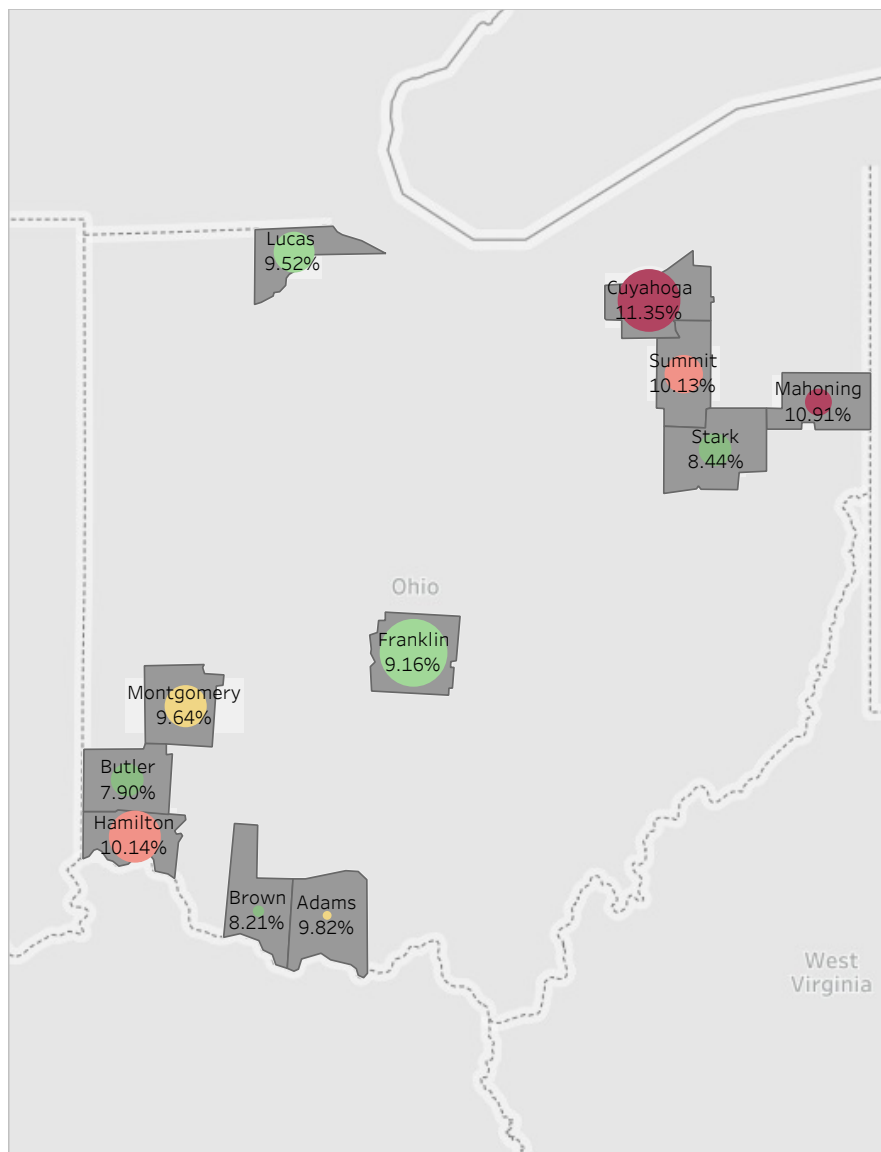


Montgomery



Summit County - Low Birthweight (%)

OEI Quintiles | CY 2012-2018

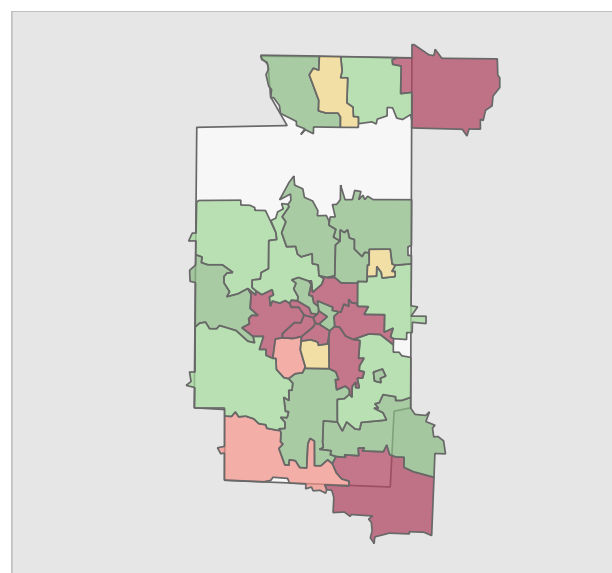


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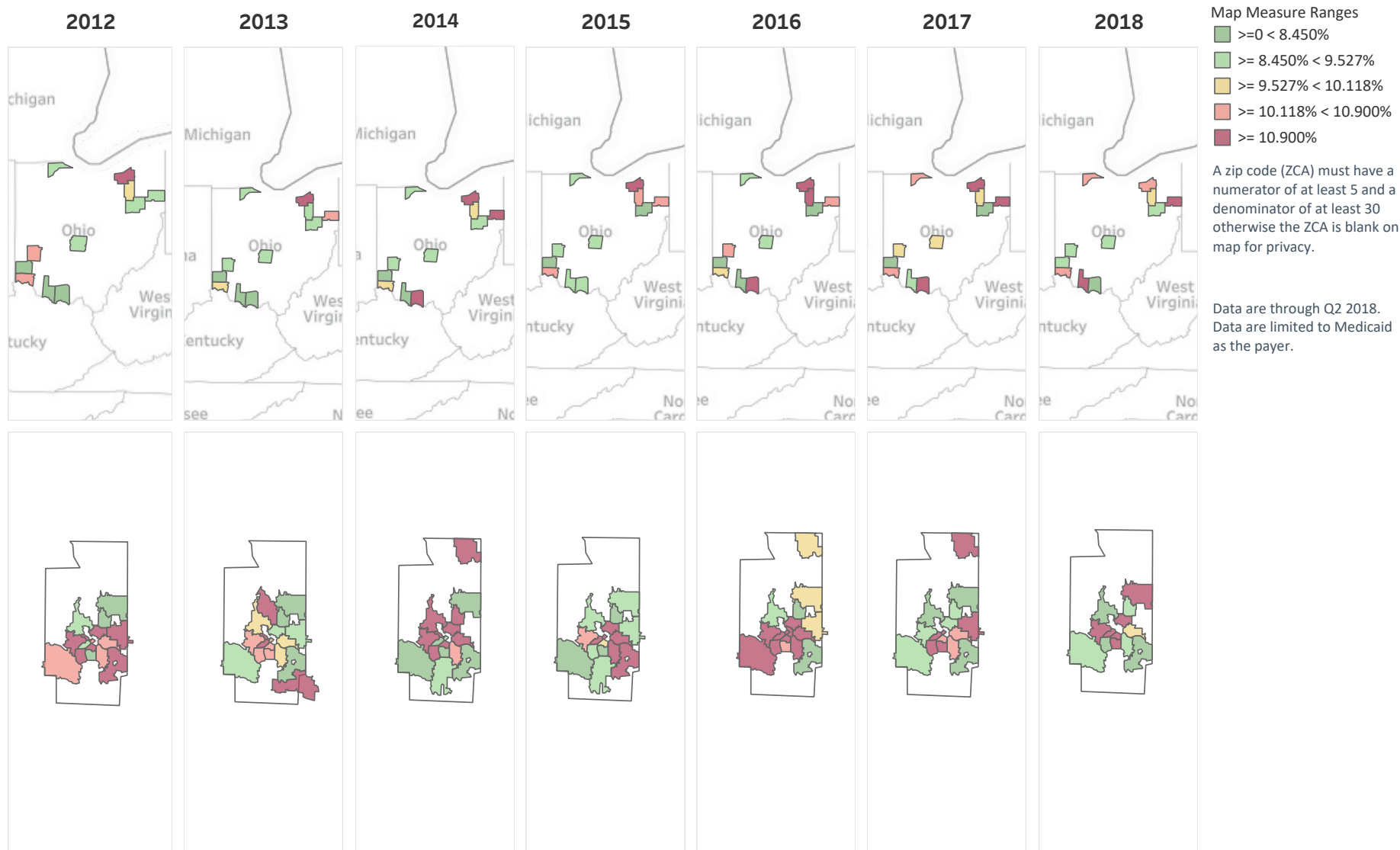
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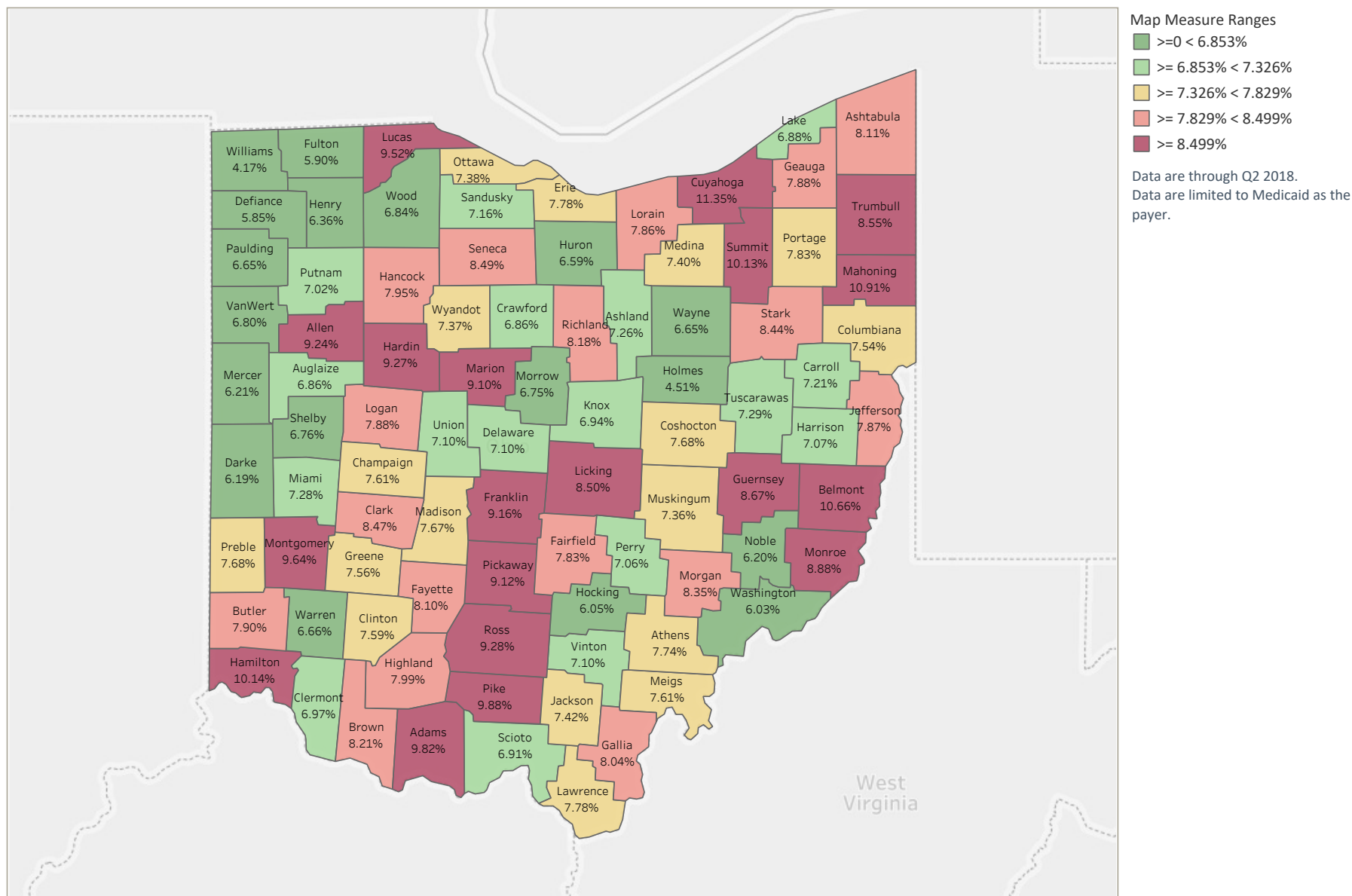
Summit County - Low Birthweight (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Low Birthweight (%)

Overall Quintiles by County | CY 2012 - 2018



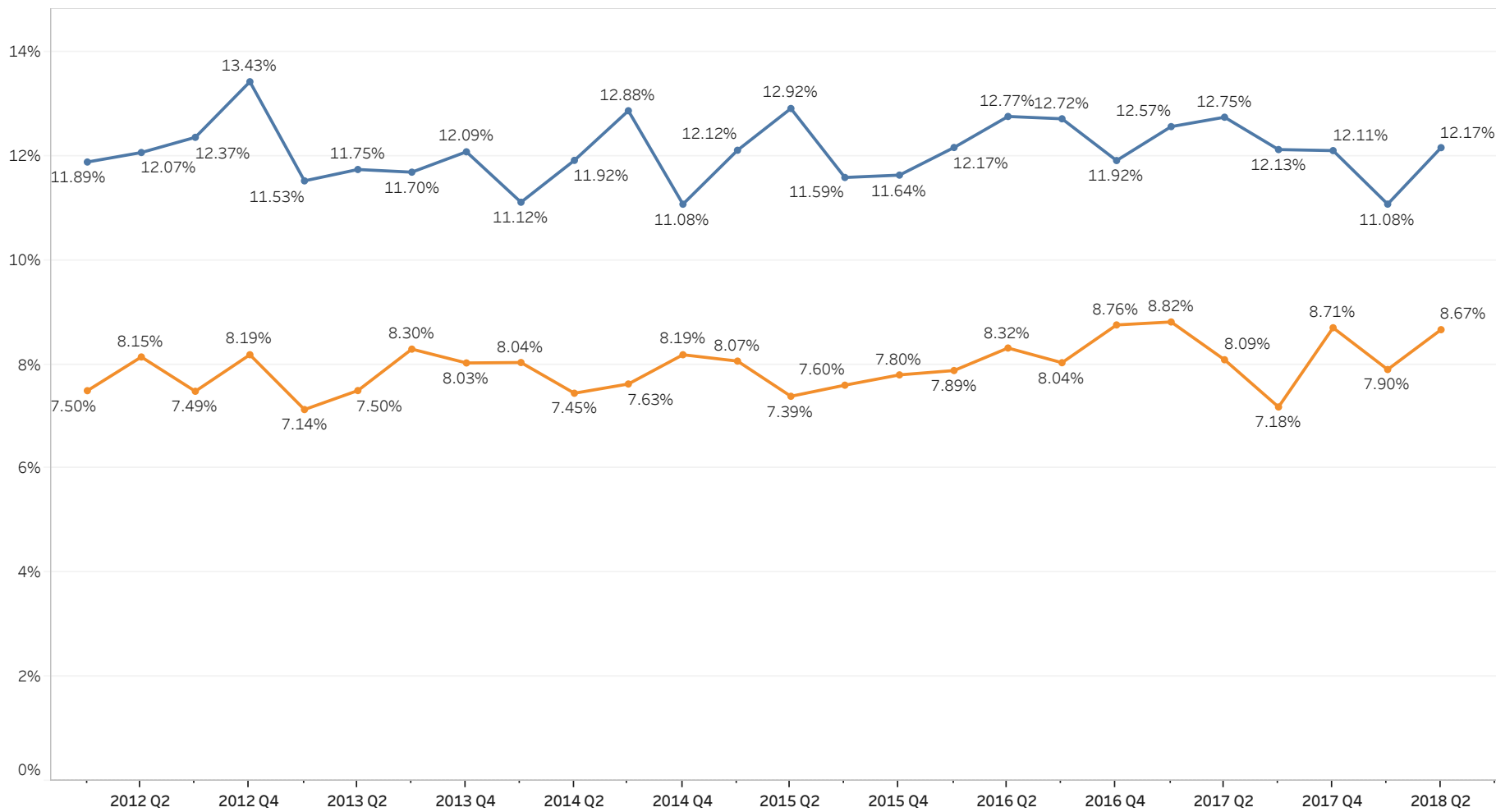


Quarterly Trends by Race - Low Birthweight (%)

All OEI Counties | CY 2012-2018

Race

African American Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Low Birthweight (%) All OEI Counties | CY 2012-2018

Medicaid Plan

All Plans

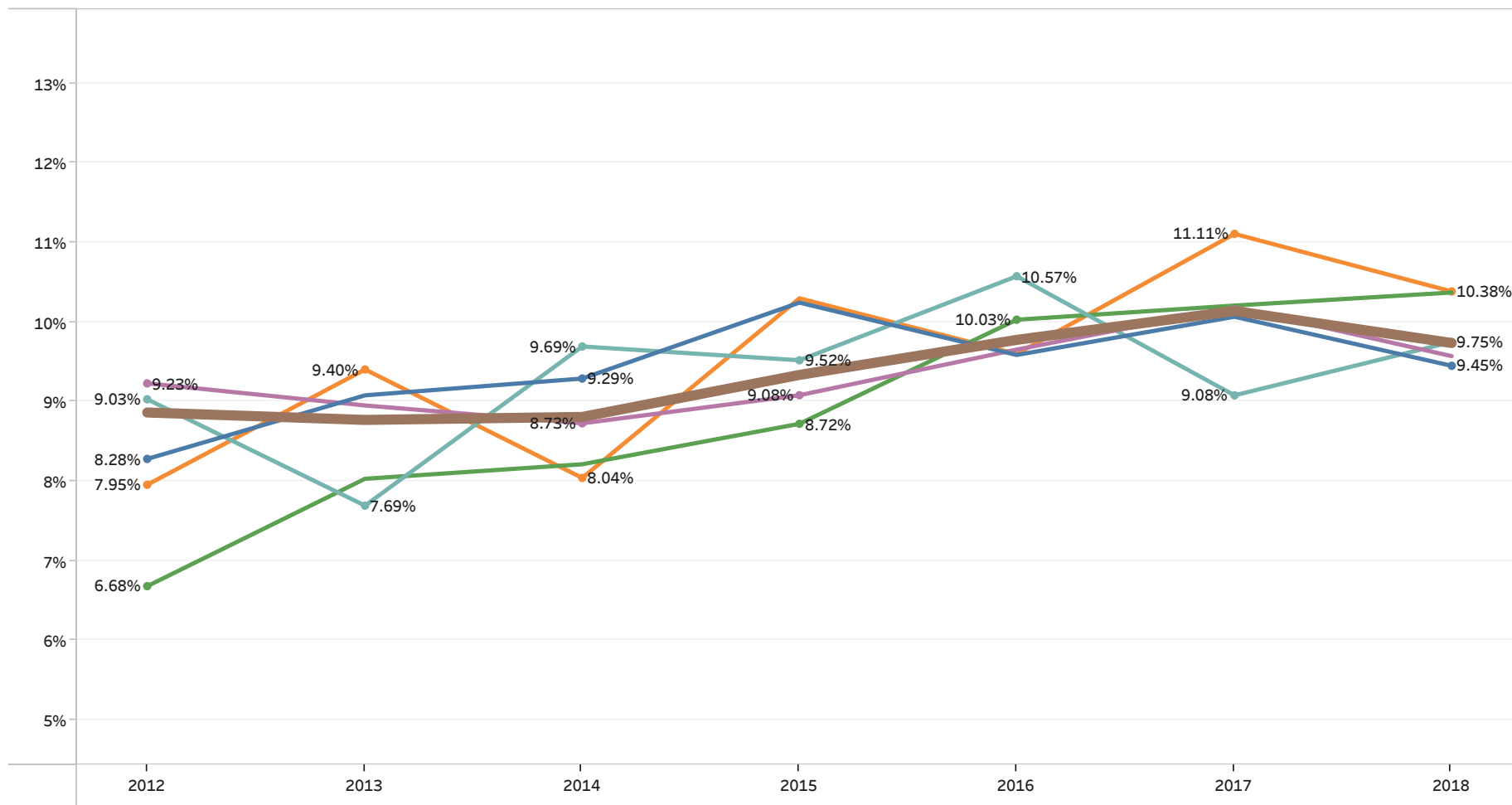
Buckeye

CareSource

Molina

Paramount

United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.



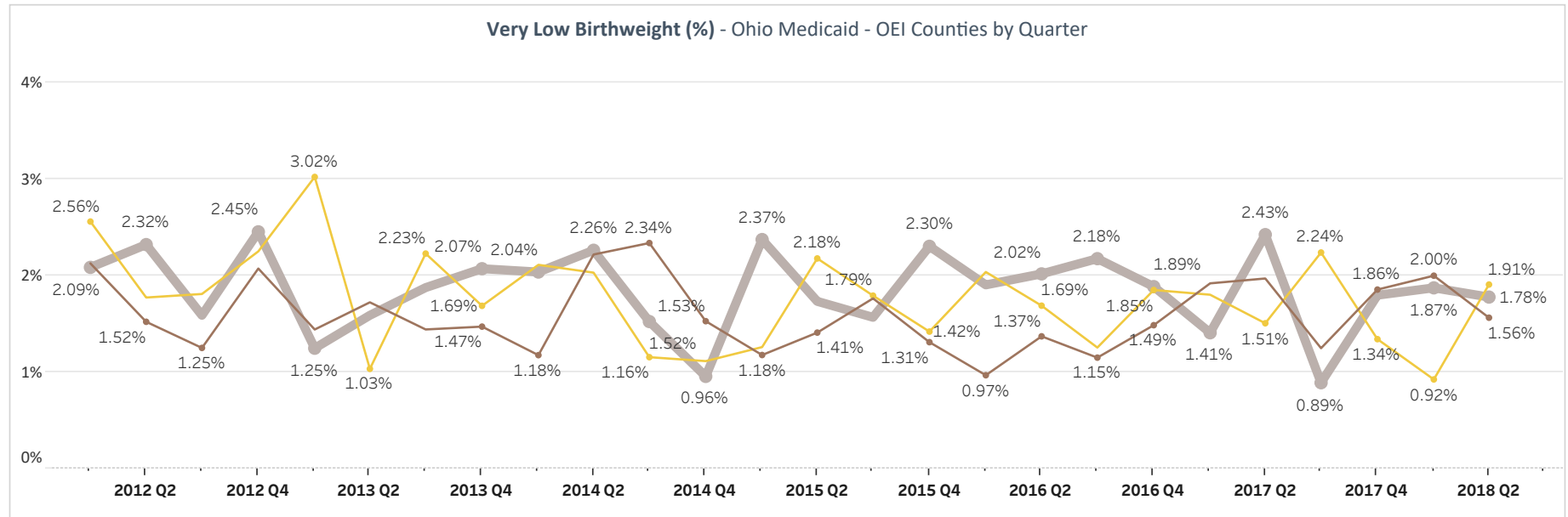
Very Low Birthweight (%)

Summit, Lucas, Montgomery Counties - Very Low Birthweight (%)

Trends by Quarter | CY 2012-2018

Counties

Lucas Montgomery Summit

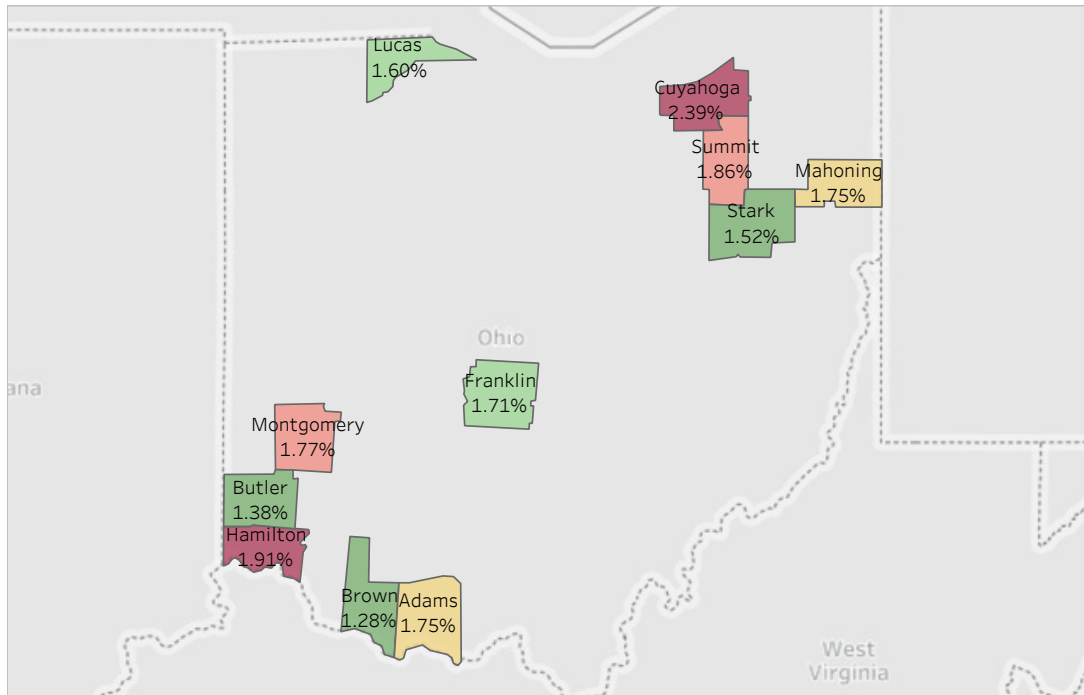


County	VLBW Aggregate Rate Q1 2012 - Q2 2018	VLBW Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	1.60%	1.66%	From 58 to 46 VLBW Infants
Summit	1.86%	1.57%	From 60 to 47 VLBW Infants
Montgomery	1.77%	1.62%	From 69 to 55 VLBW Infants

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Very Low Birthweight (%)

OEI County Quintiles | CY 2012-2018



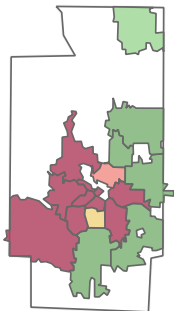
Map Measure Ranges

- $\geq 0 < 1.530\%$
- $\geq 1.530\% < 1.721\%$
- $\geq 1.721\% < 1.756\%$
- $\geq 1.756\% < 1.896\%$
- $\geq 1.896\%$

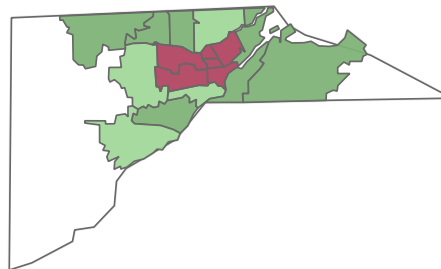
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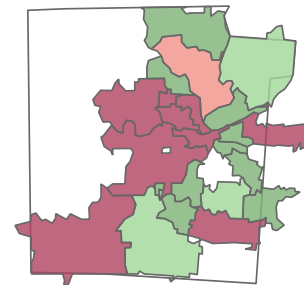
Summit



Lucas

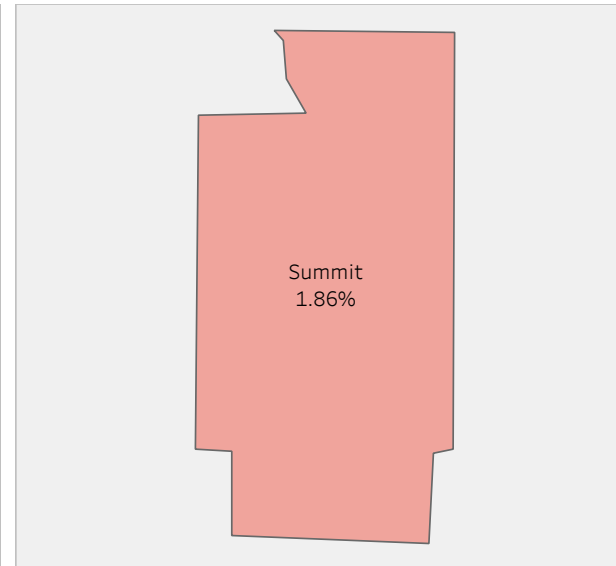
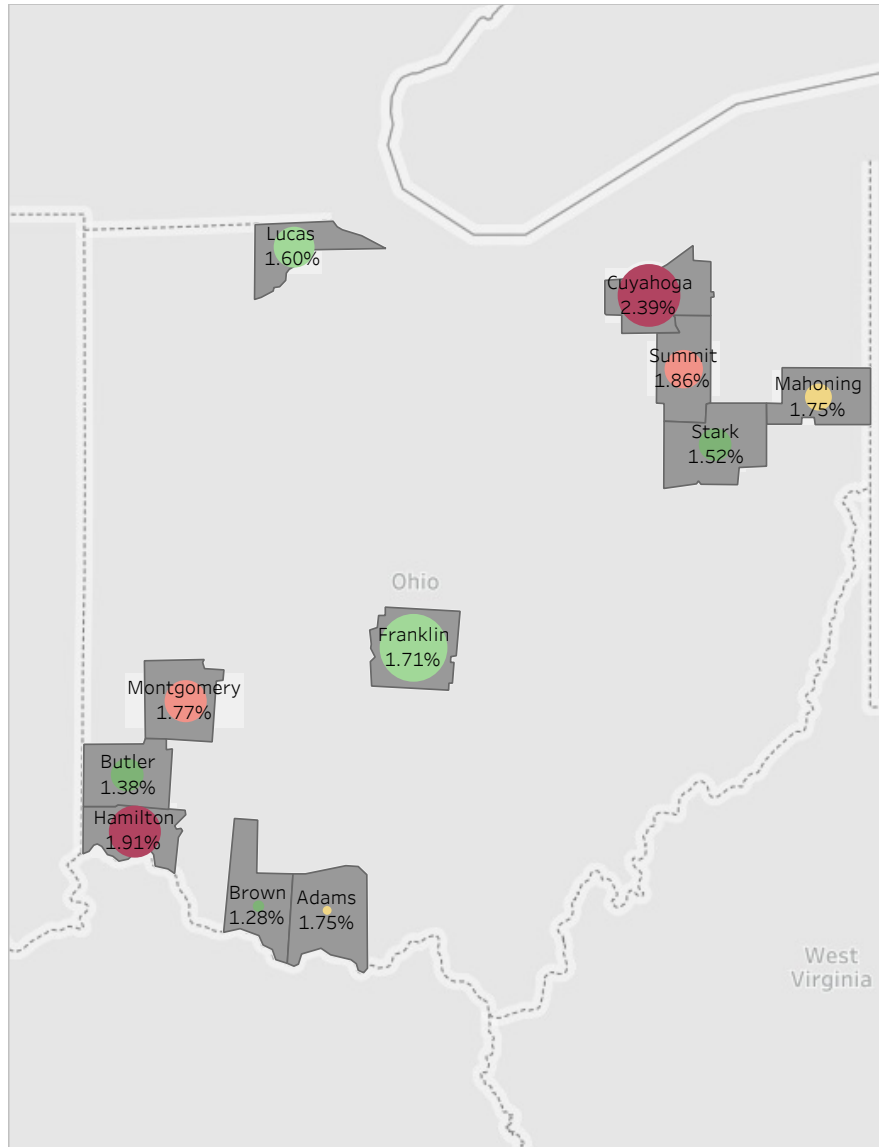


Montgomery



Summit County - Very Low Birthweight (%)

OEI Quintiles | CY 2012-2018

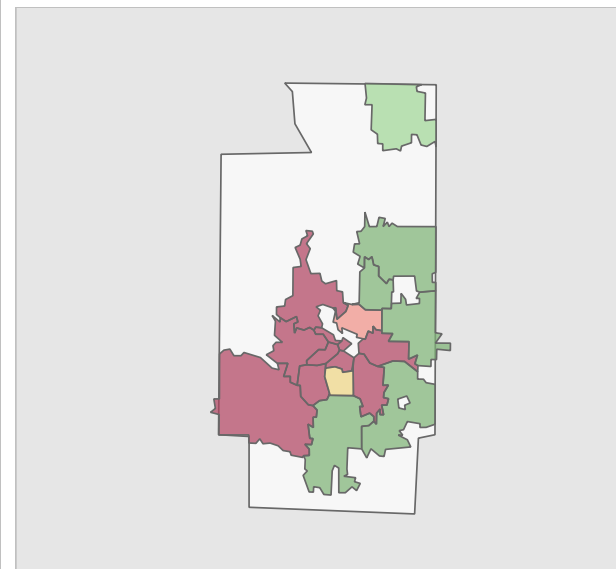


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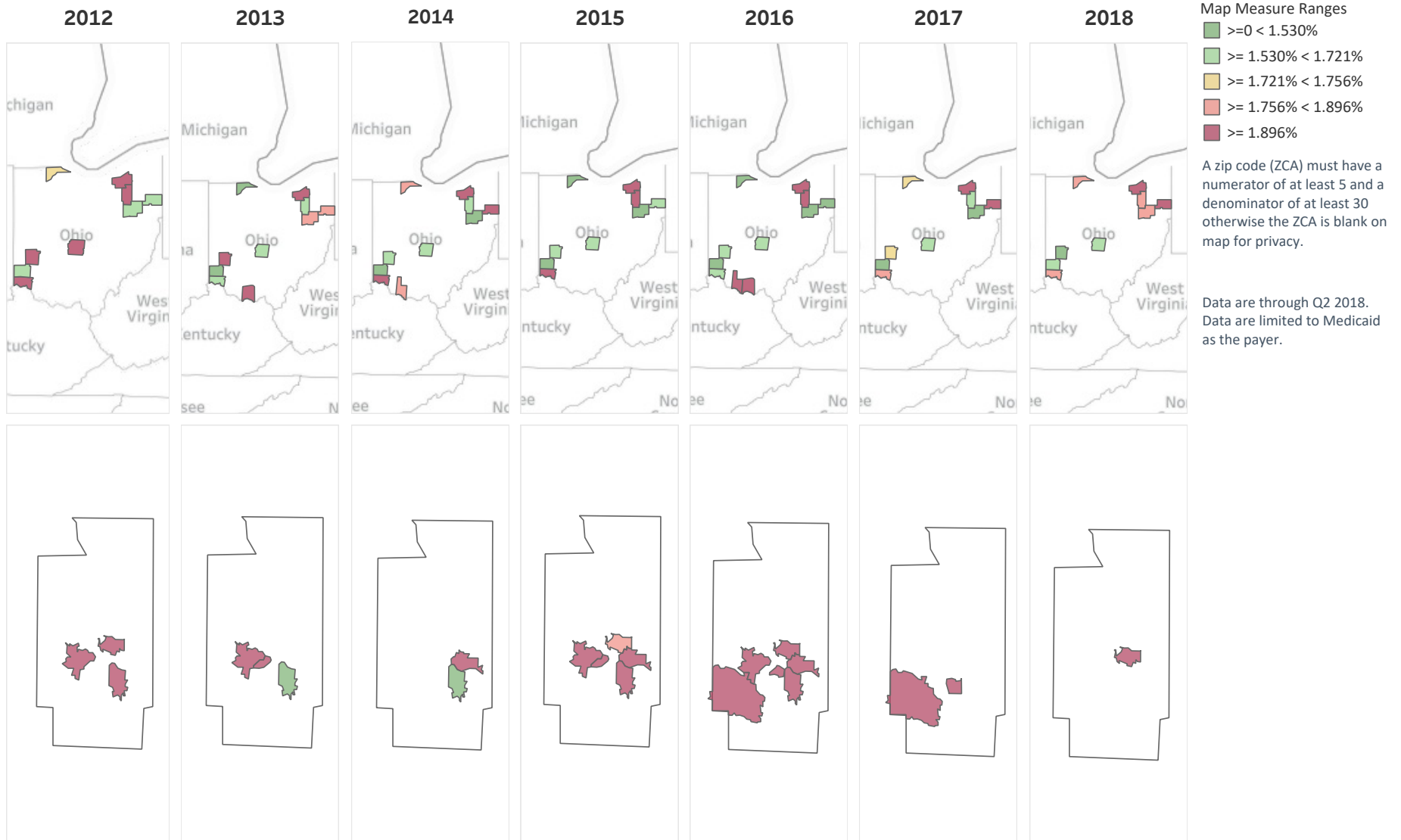
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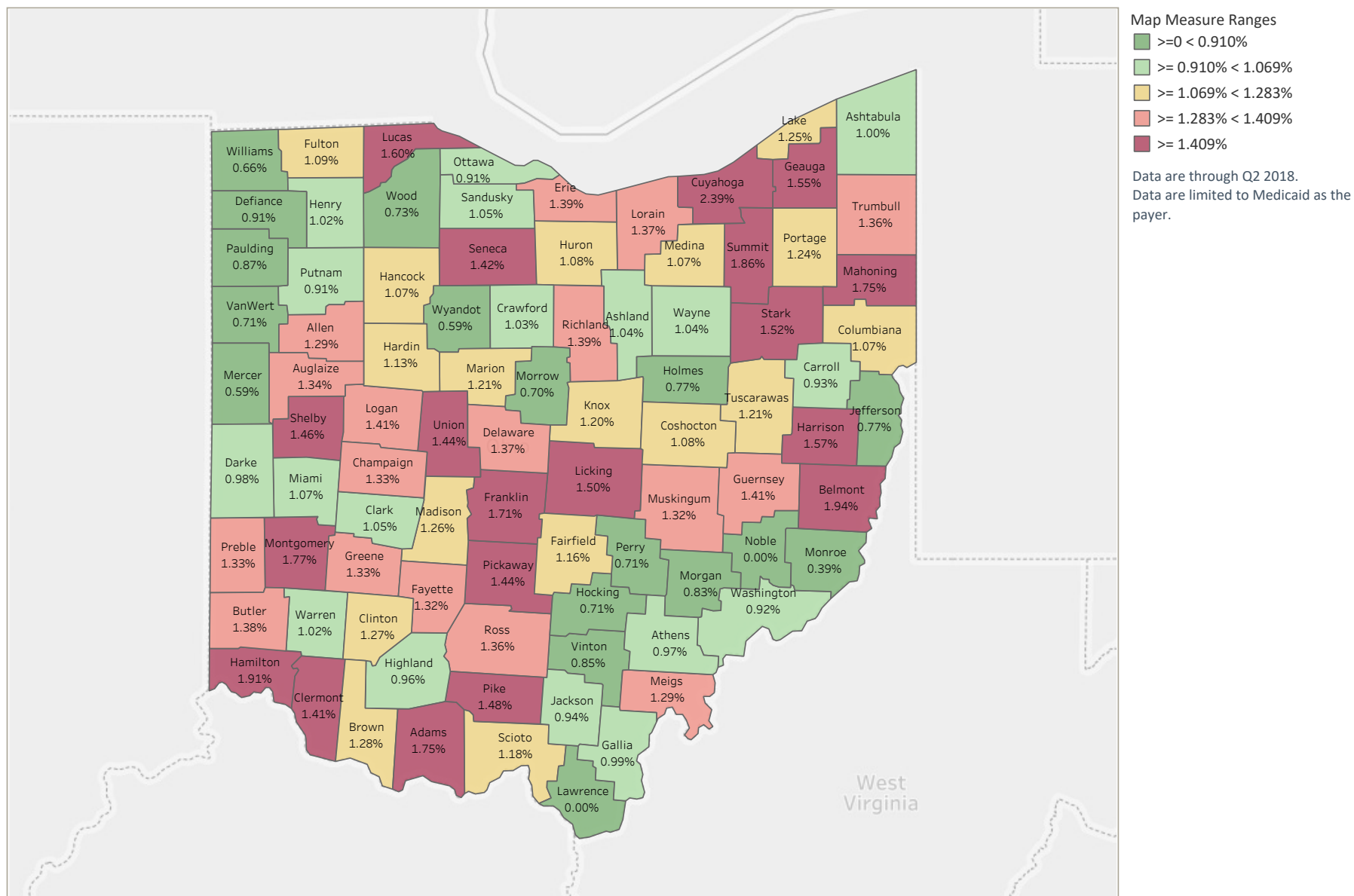


Summit County - Very Low Birthweight (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Very Low Birthweight (%)
Overall Quintiles by County | CY 2012 - 2018





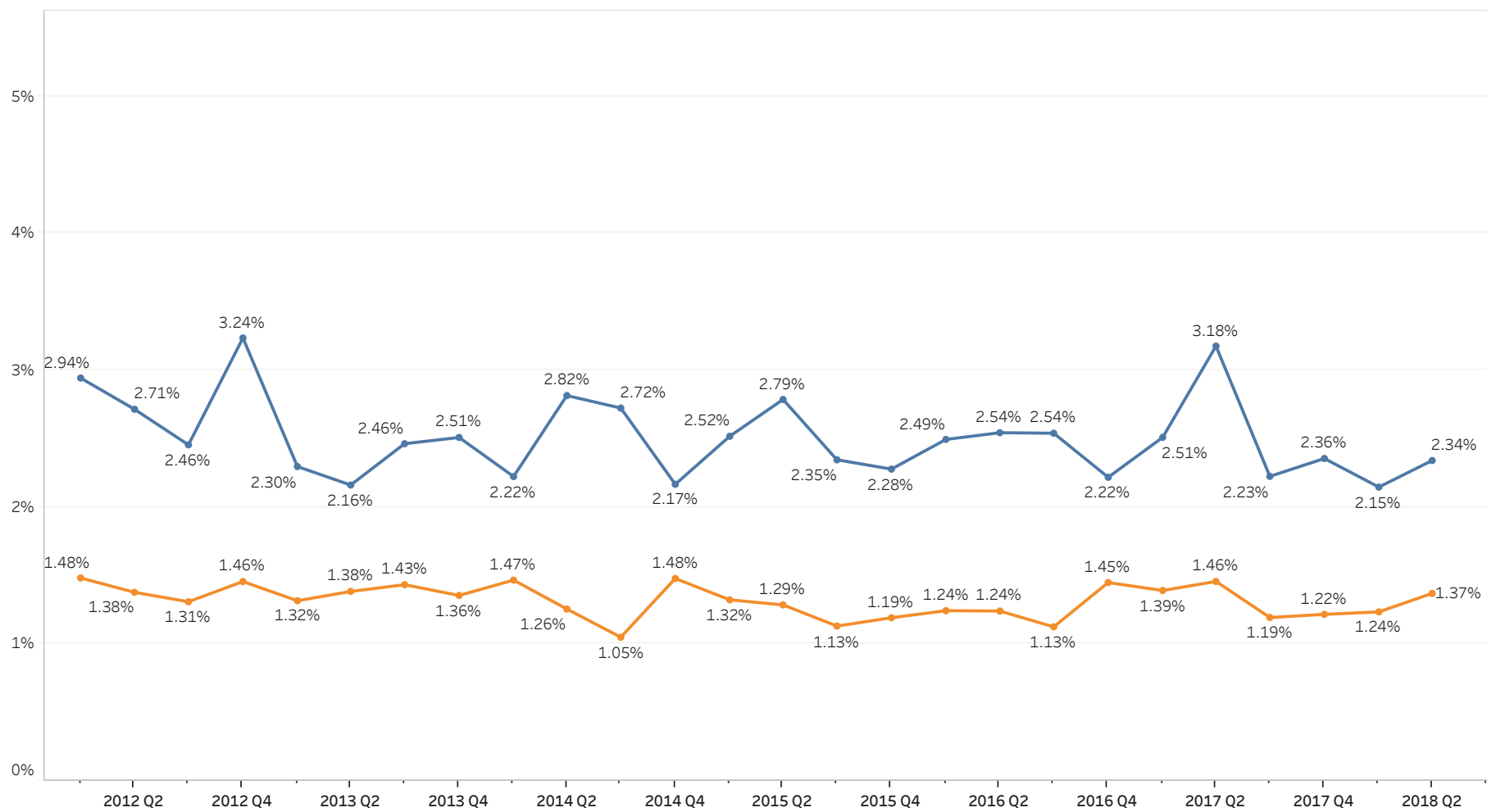
Quarterly Trends by Race - Very Low Birthweight (%)

All OEI Counties | CY 2012-2018

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Very Low Birthweight (%) All OEI Counties | CY 2012-2018

Medicaid Plan
All Plans

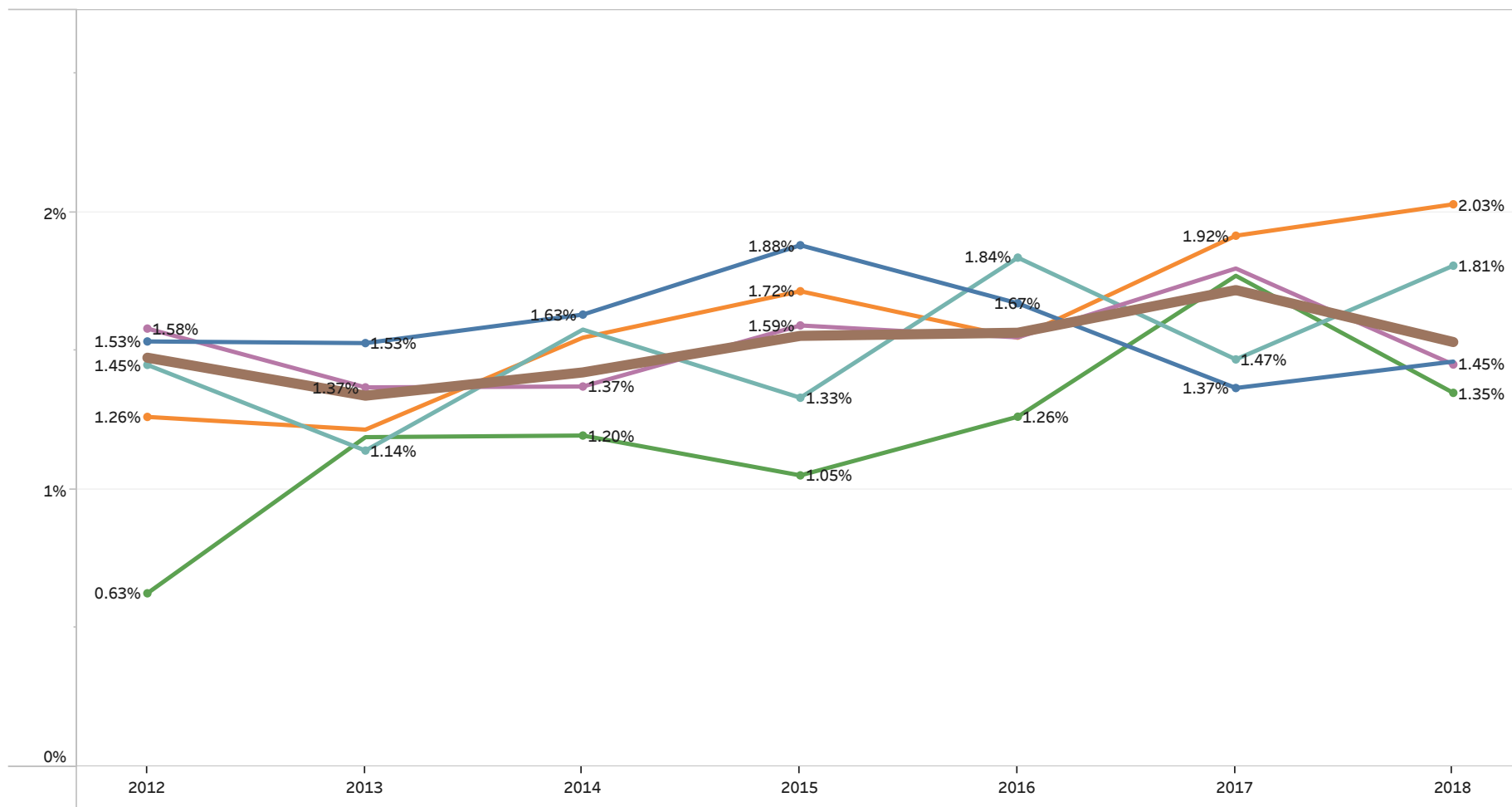
Buckeye

CareSource

Molina

Paramount

United



Data are through Q2 2018.
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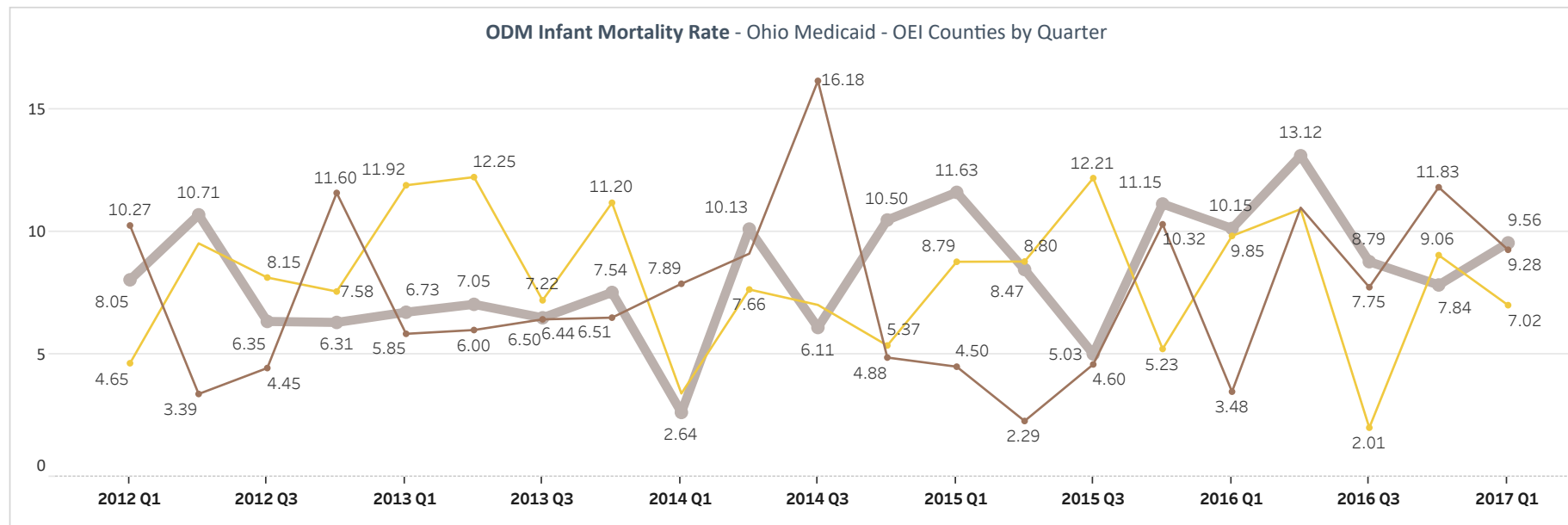


Infant Mortality Rate (ODM Cohort Method Using ODM Data)

Summit, Lucas, Montgomery Counties - ODM Infant Mortality Rate Trends by Quarter | CY 2012-2017

Counties

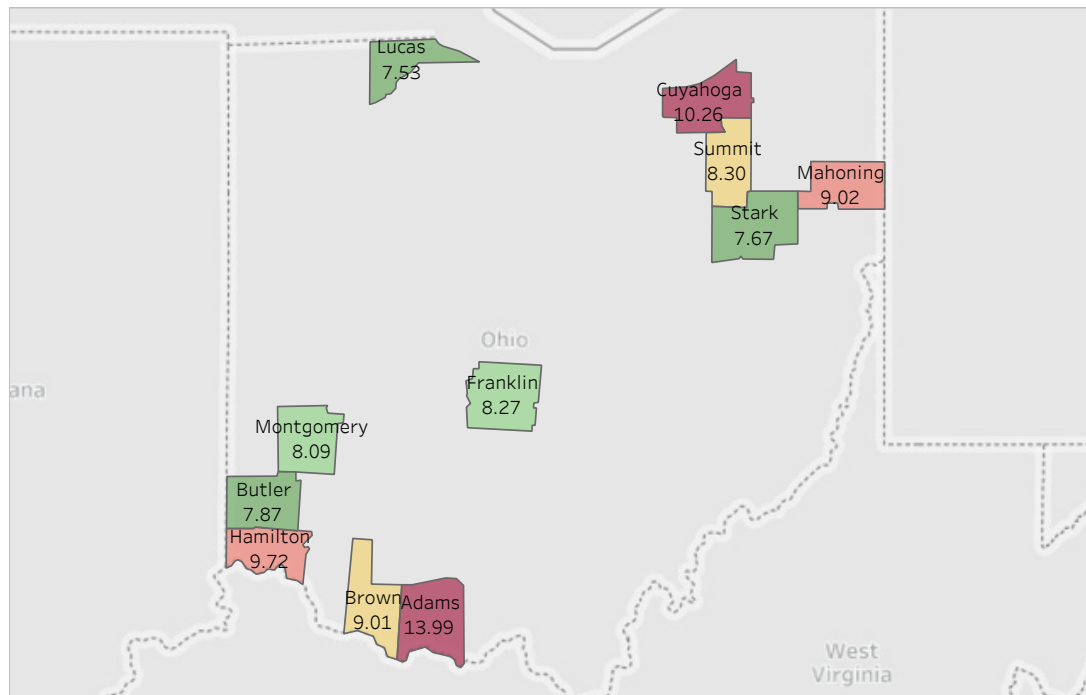
Lucas Montgomery Summit



County	Infant Mortality Aggregate Rate Q1 2012 - Q1 2017	Infant Mortality Current Rate Q2 2016 - Q1 2017	Annual Target for Real Impact*
Lucas	7.53	9.92	From 29 to 20 Deaths
Summit	8.30	9.82	From 28 to 20 Deaths
Montgomery	8.09	7.13	From 33 to 24 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 – Q1 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 Q1 2017. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - ODM Infant Mortality Rate OEI County Quintiles | CY 2012-2017



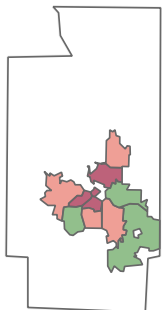
Map Measure Ranges

- $\geq 0 < 7.875$
- $\geq 7.875 < 8.283$
- $\geq 8.283 < 9.010$
- $\geq 9.010 < 10.246$
- ≥ 10.246

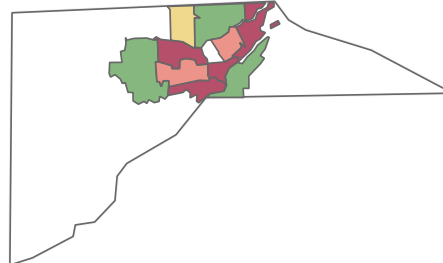
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q1 2017.
Data are limited to Medicaid as the payer.

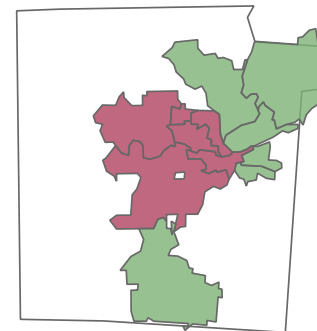
Summit



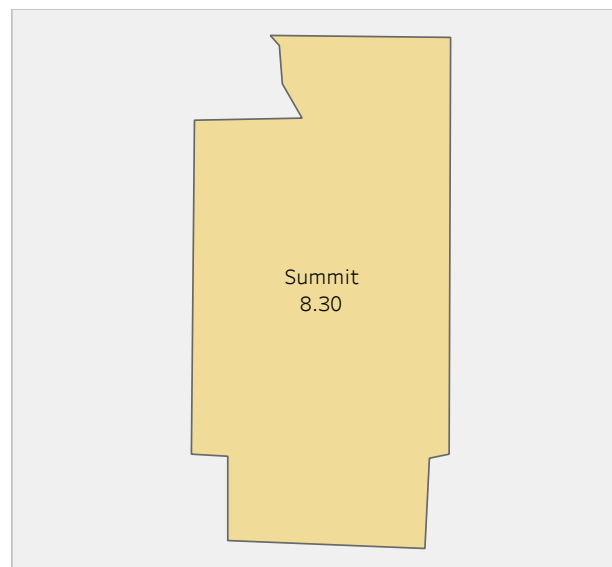
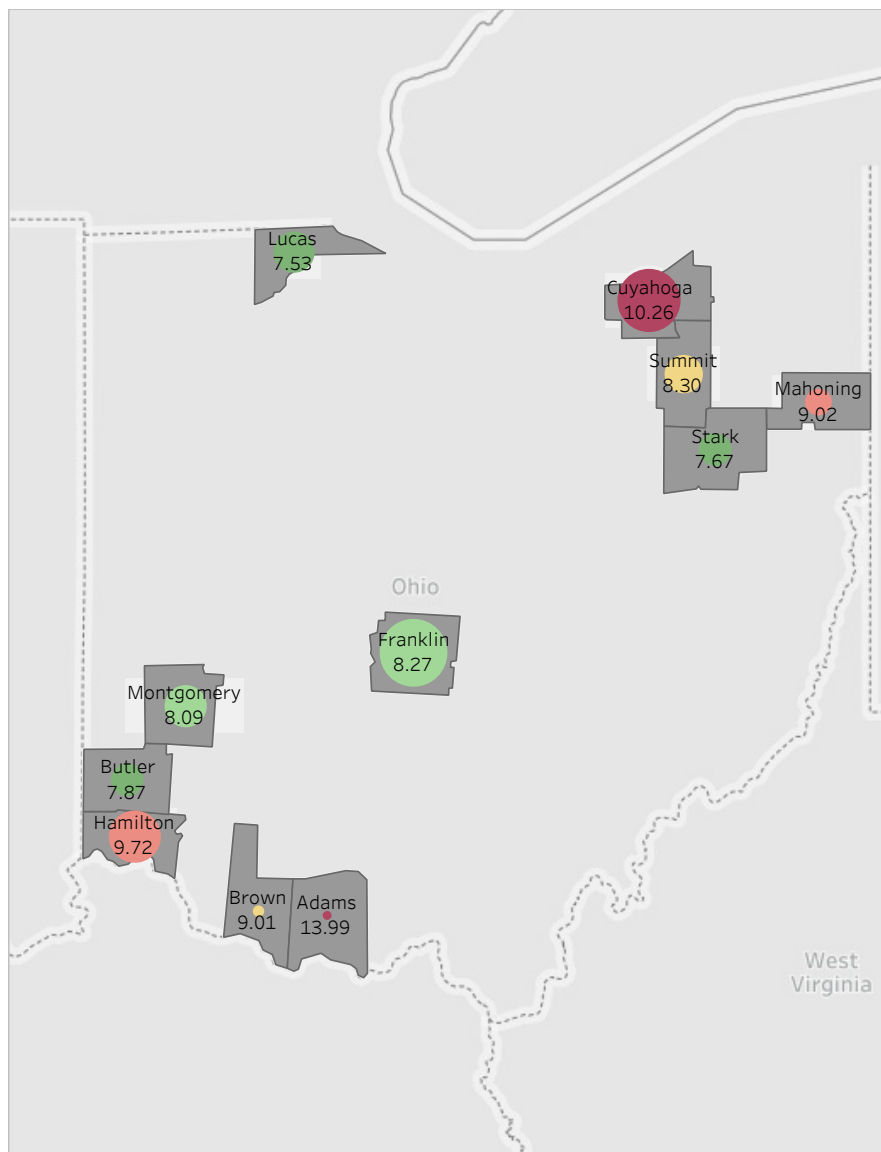
Lucas



Montgomery



Summit County - ODM Infant Mortality Rate OEI Quintiles | CY 2012-2017

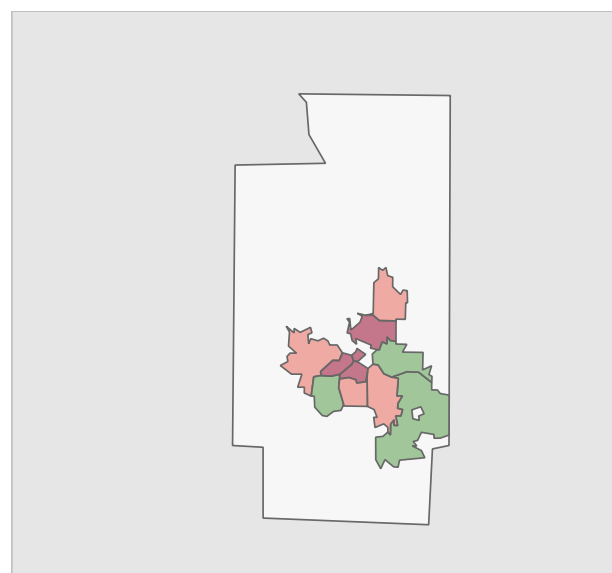


Map Measure Ranges

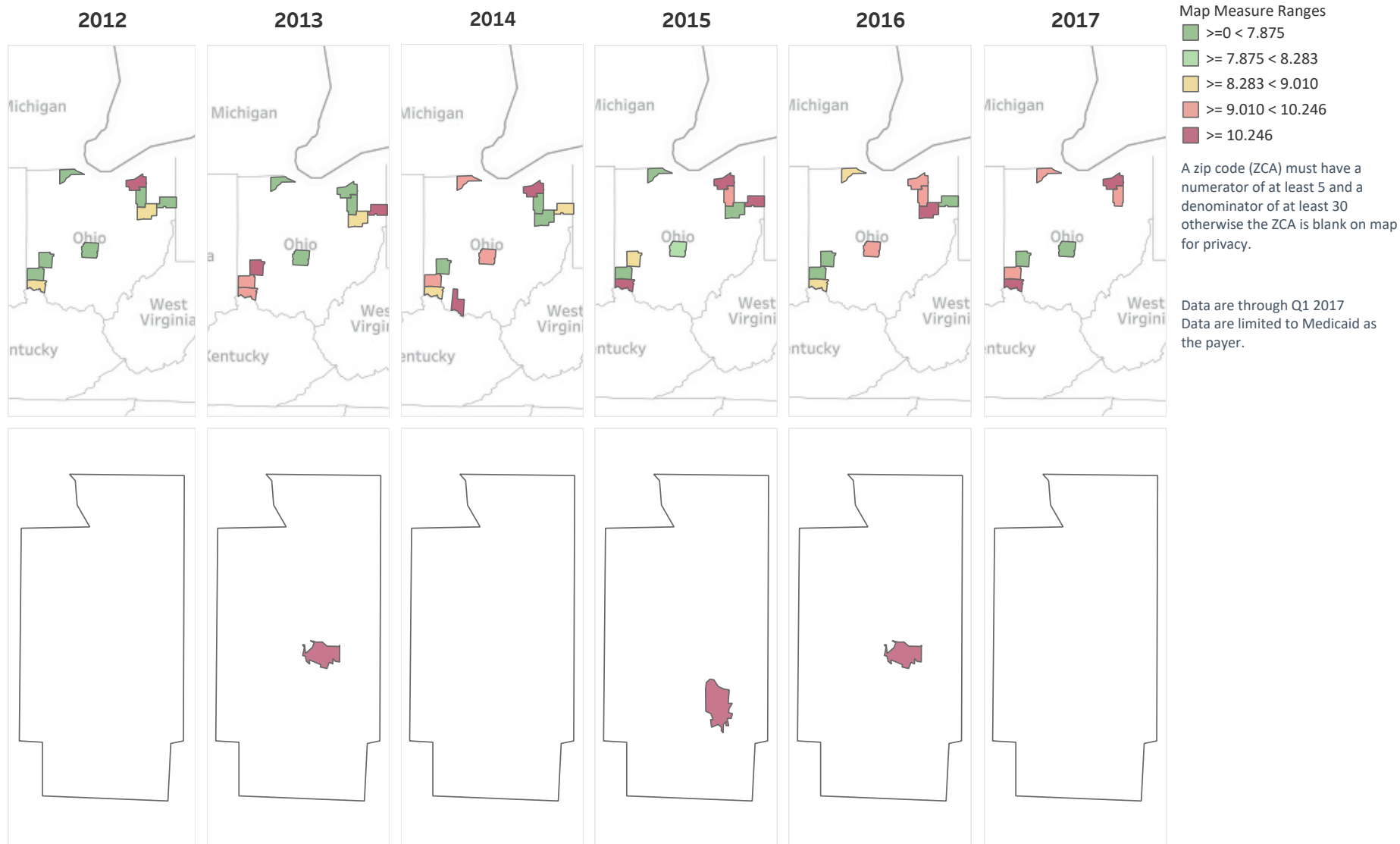
- $\geq 0 < 7.875$
- $\geq 7.875 < 8.283$
- $\geq 8.283 < 9.010$
- $\geq 9.010 < 10.246$
- ≥ 10.246

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.

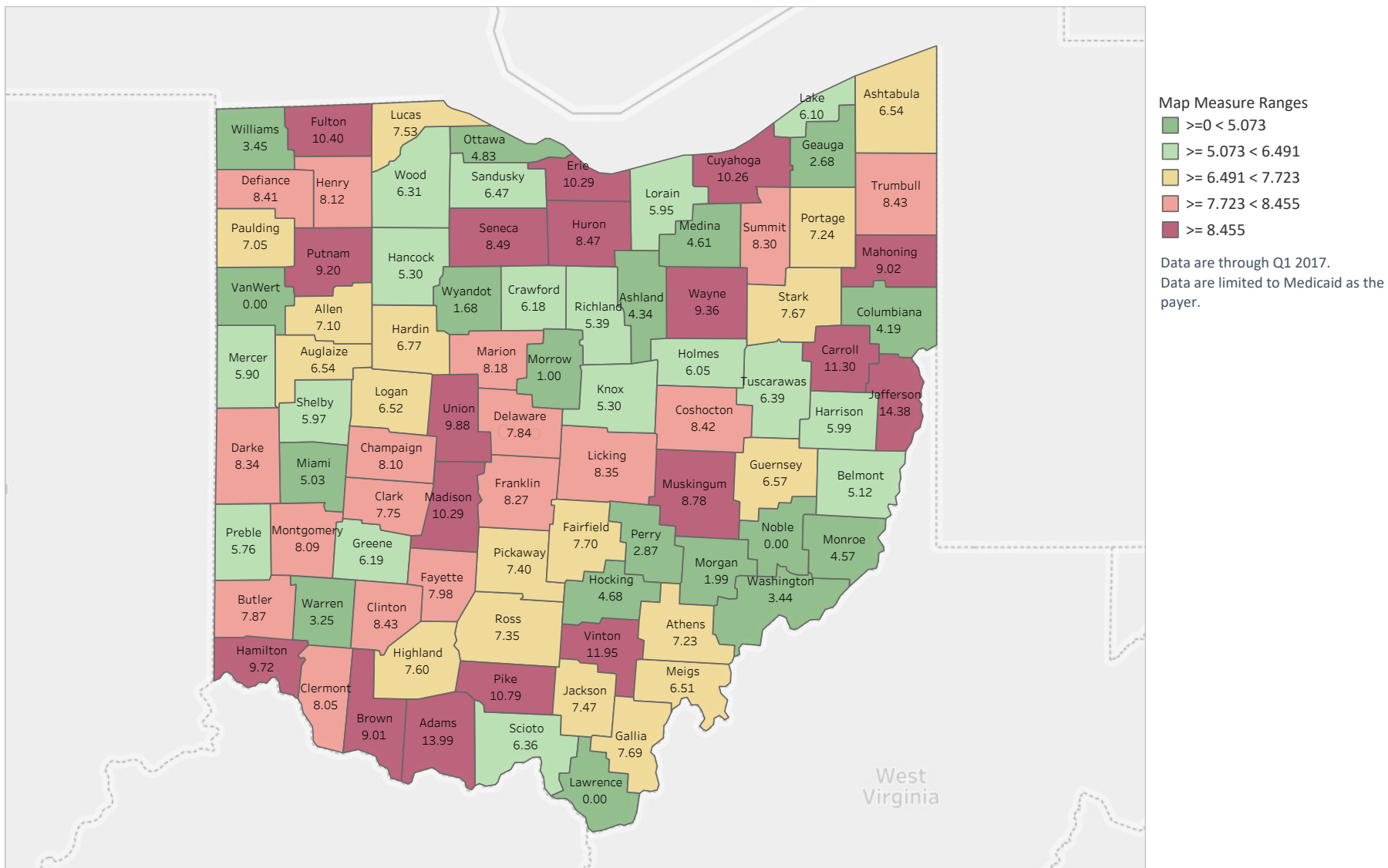
Data are through Q1 2017.
Data are limited to Medicaid as the payer.



Summit County - ODM Infant Mortality Rate OEI Quintiles | CY 2012-2017 Yearly Comparison



Overall Quintiles by County | CY 2012 - 2017



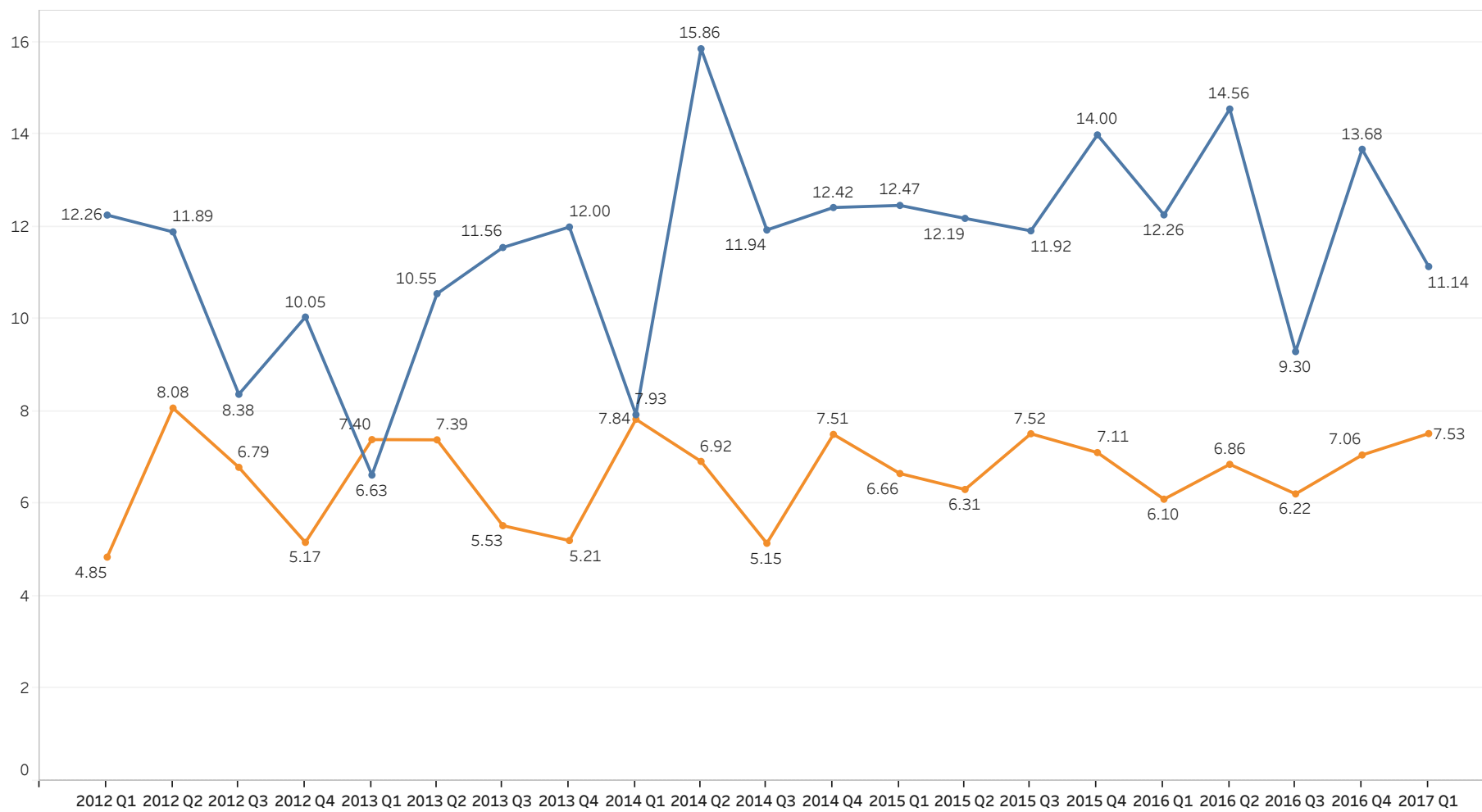


Quarterly Trends by Race - ODM Infant Mortality Rate All OEI Counties | CY 2012-2017

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - ODM Infant Mortality Rate All OEI Counties | CY 2012-2017

Medicaid Plan
All Plans

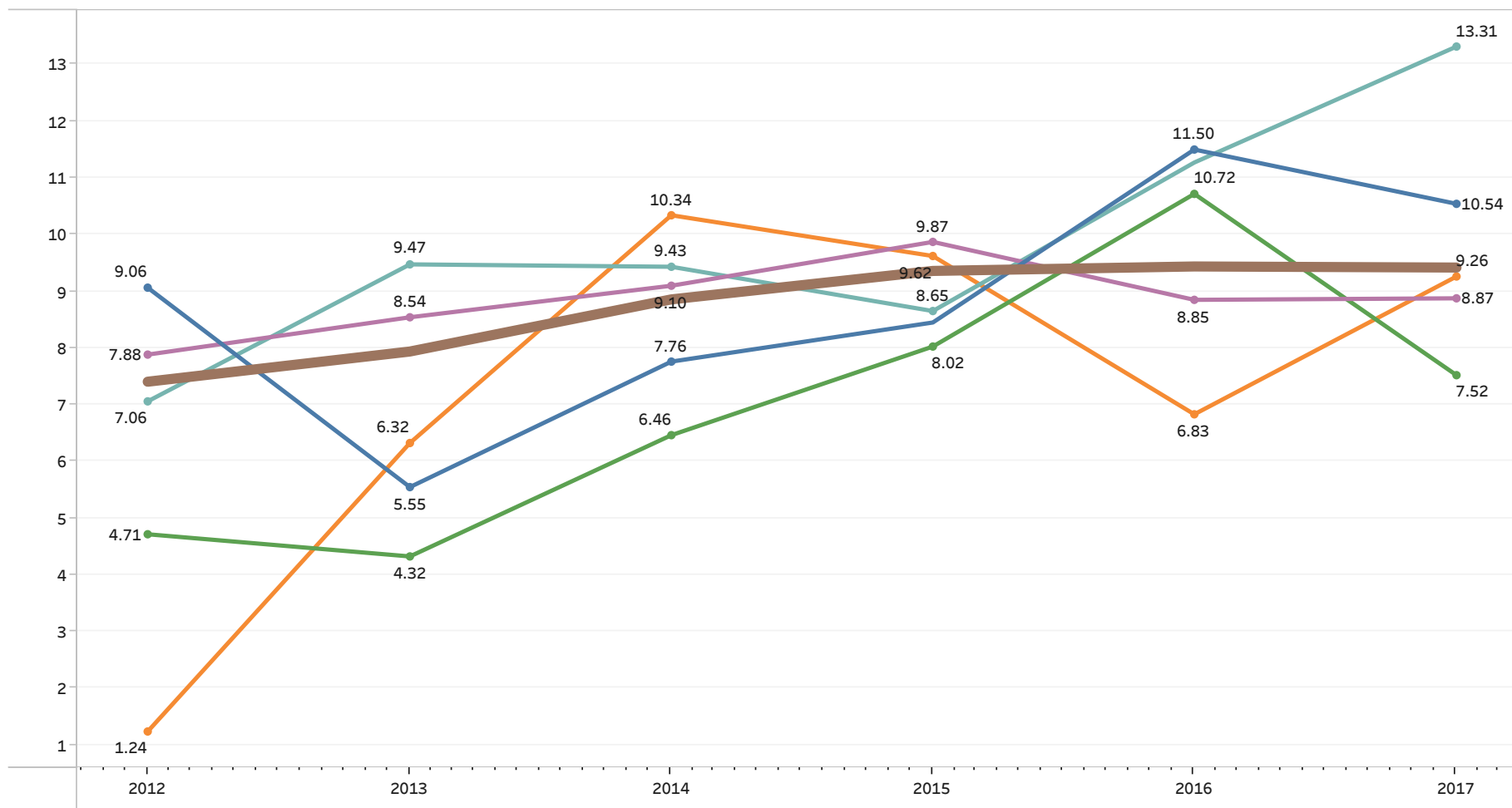
Buckeye

CareSource

Molina

Paramount

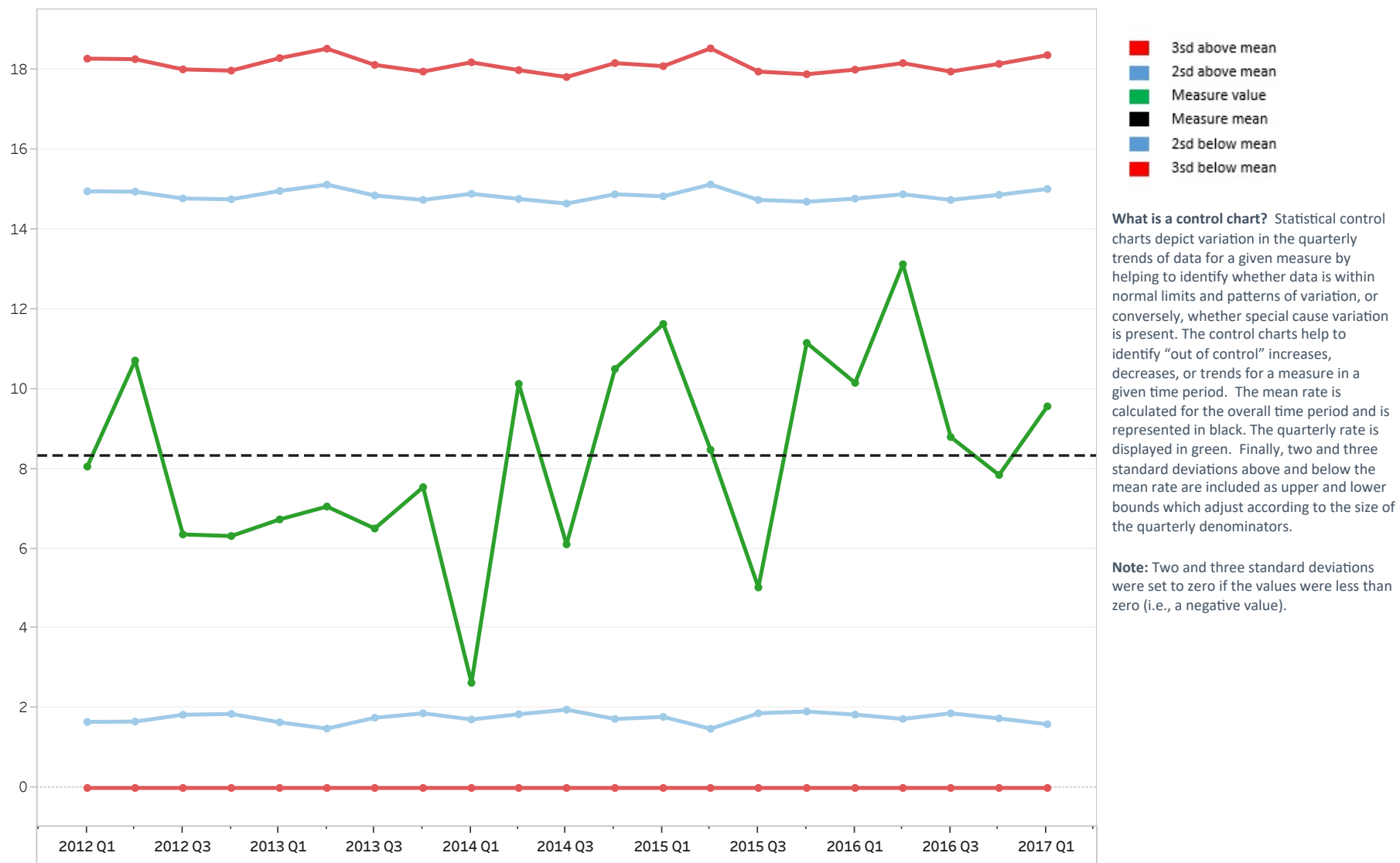
United



Data are through Q1 2017.

Data are limited to Medicaid as the payer.

Summit County Quarterly Control Chart - ODM Infant Mortality Rate CY 2012-2017



Data are limited to Medicaid as the payer.



Infant Mortality Rate (ODH Raw Deaths/Births Method)

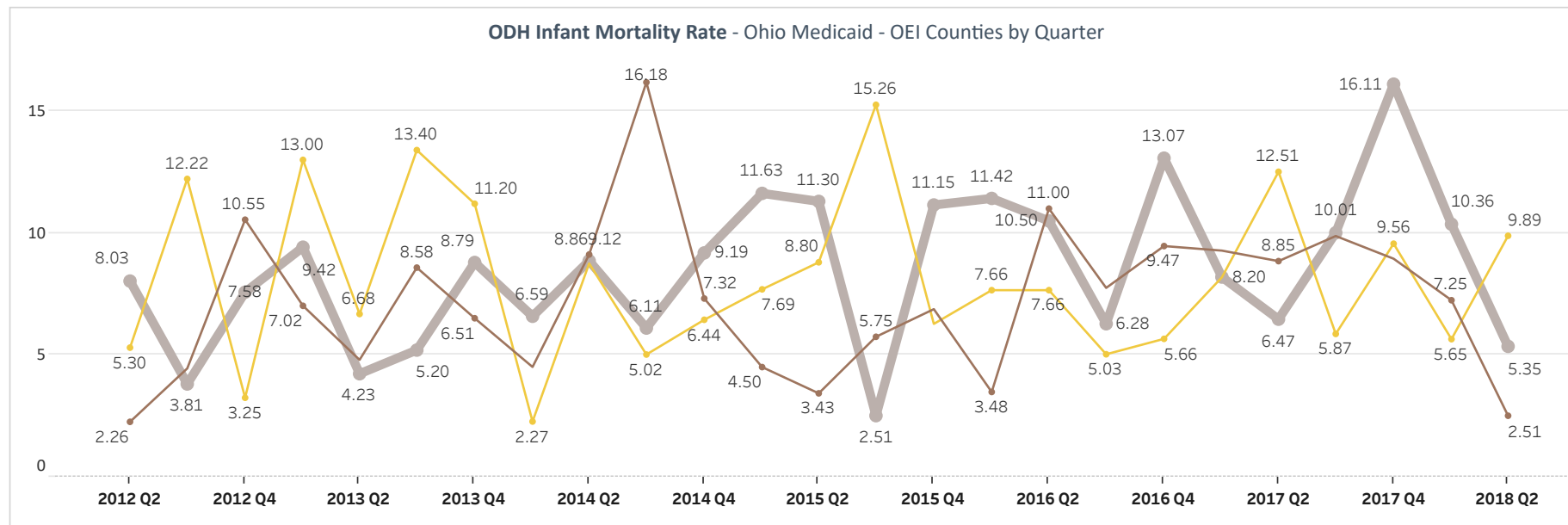
Summit, Lucas, Montgomery Counties - ODH Infant Mortality Rate Trends by Quarter | CY 2012-2018

Counties

Lucas

Montgomery

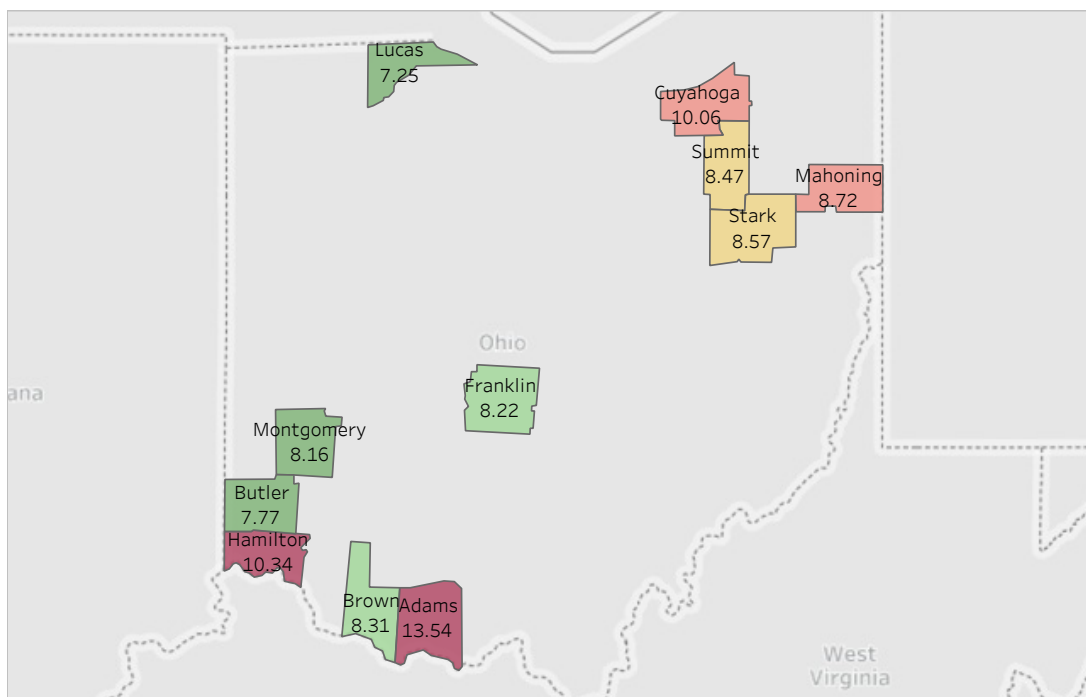
Summit



County	ODH Infant Mortality Aggregate Rate Q2 2012 - Q2 2018	ODH Infant Mortality Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	7.25	7.29	From 27 to 19 Deaths
Summit	8.47	10.45	From 28 to 20 Deaths
Montgomery	8.16	7.65	From 33 to 24 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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - ODH Infant Mortality Rate OEI County Quintiles | CY 2012-2018



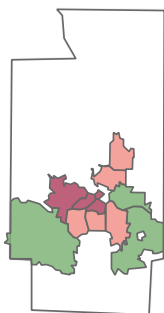
Map Measure Ranges

- >= 0 < 8.172
- >= 8.172 < 8.324
- >= 8.324 < 8.706
- >= 8.706 < 10.328
- >= 10.328

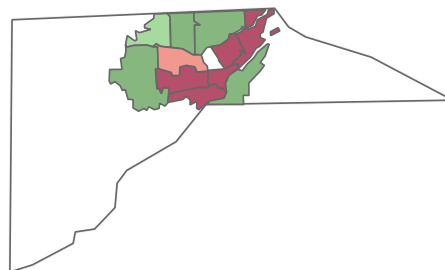
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

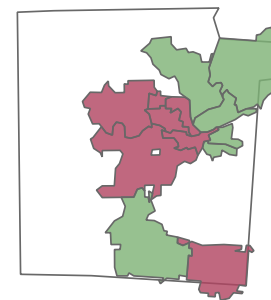
Summit



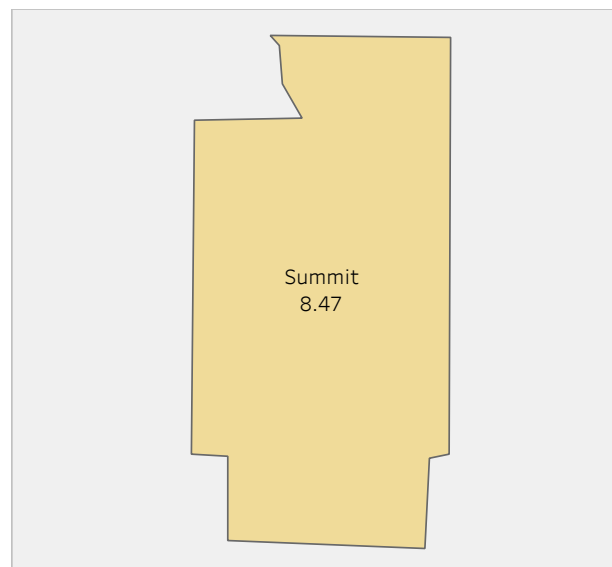
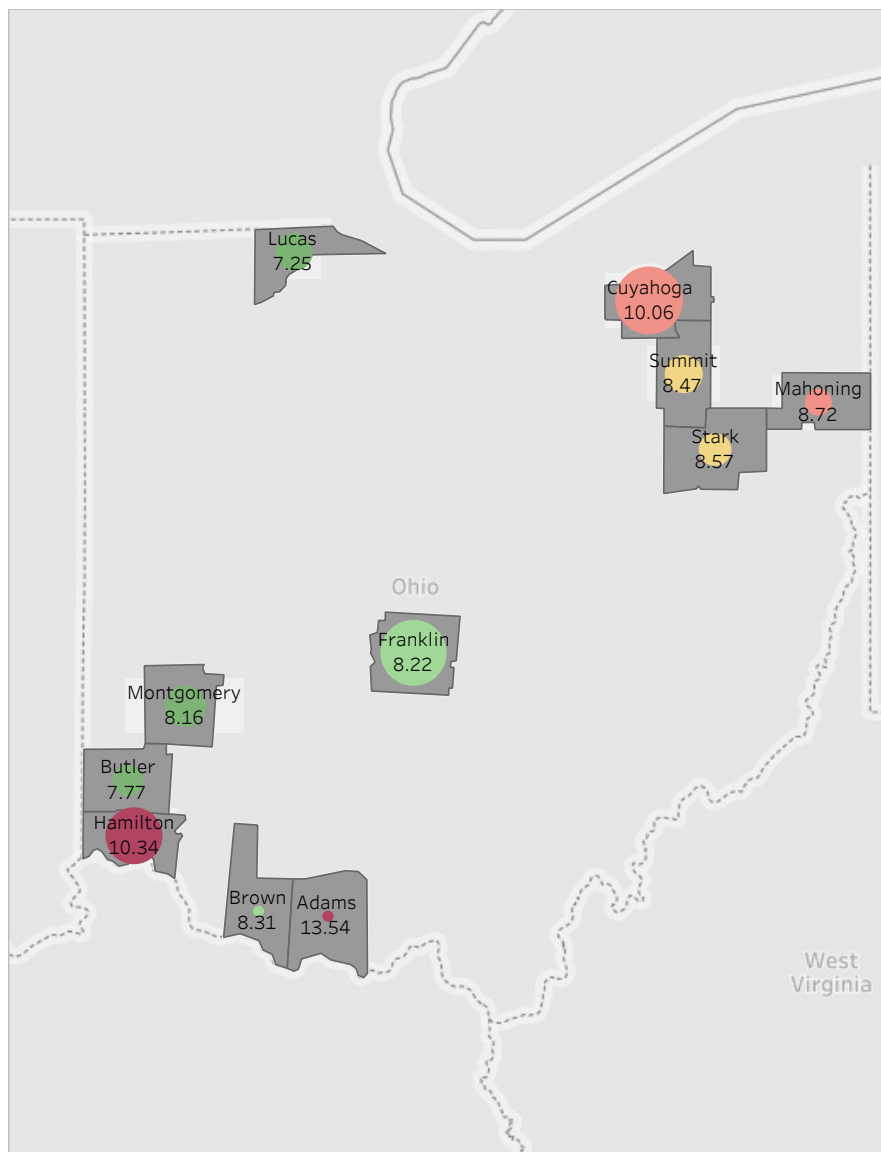
Lucas



Montgomery



Summit County - ODH Infant Mortality Rate OEI Quintiles | CY 2012-2018

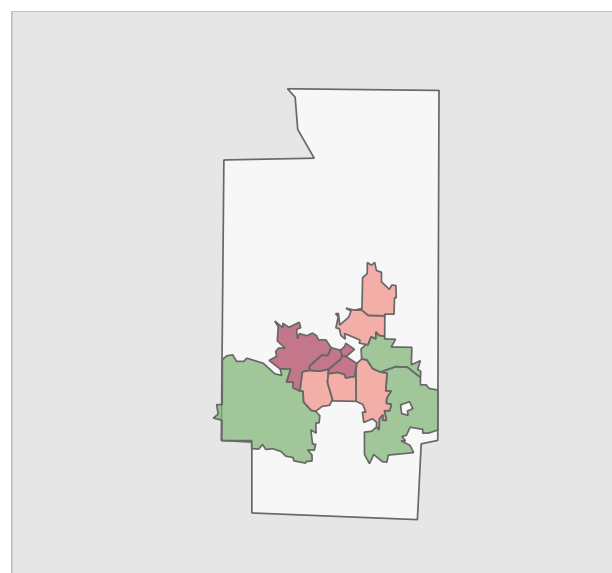


Map Measure Ranges

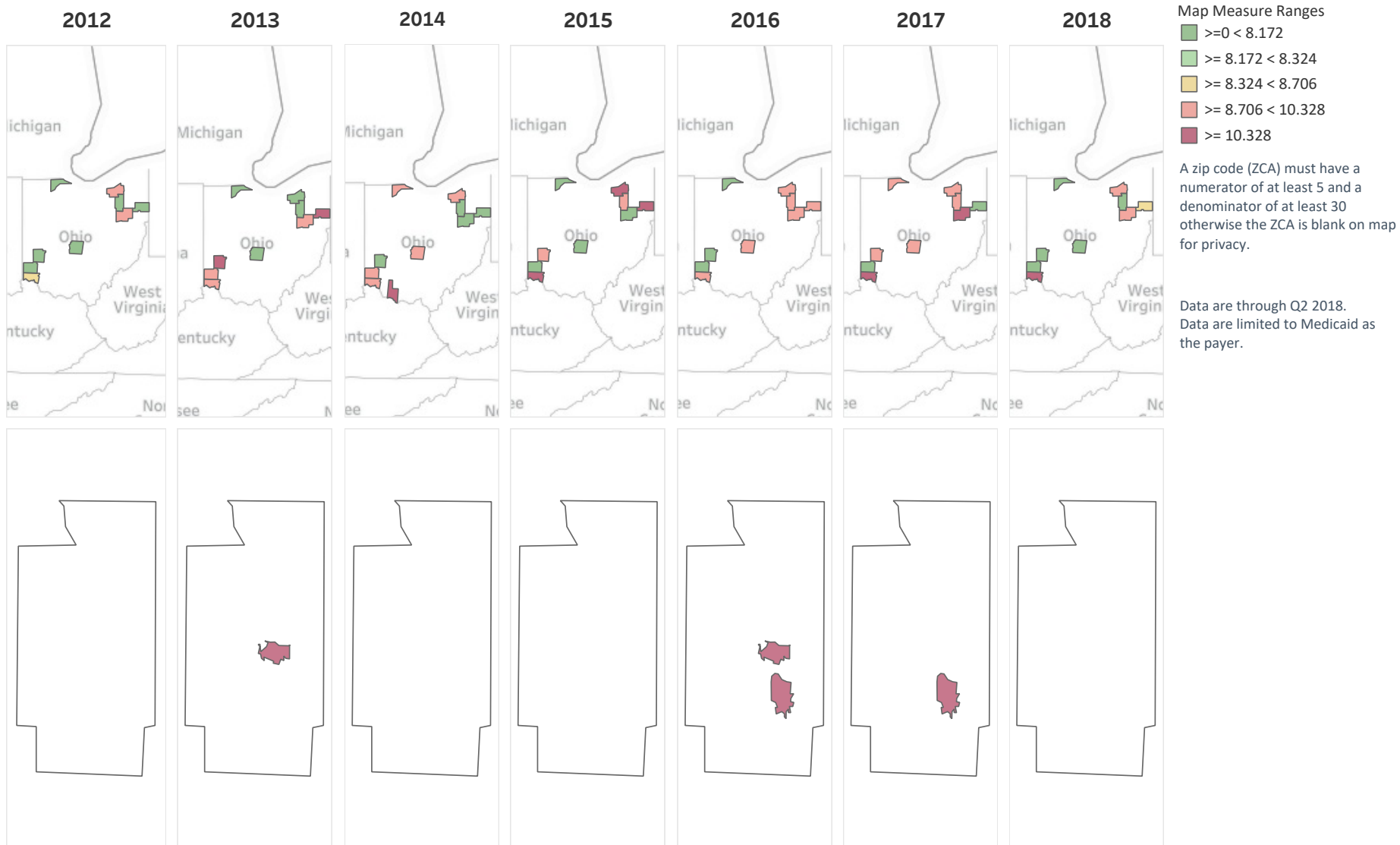
- $\geq 0 < 8.172$
- $\geq 8.172 < 8.324$
- $\geq 8.324 < 8.706$
- $\geq 8.706 < 10.328$
- ≥ 10.328

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.

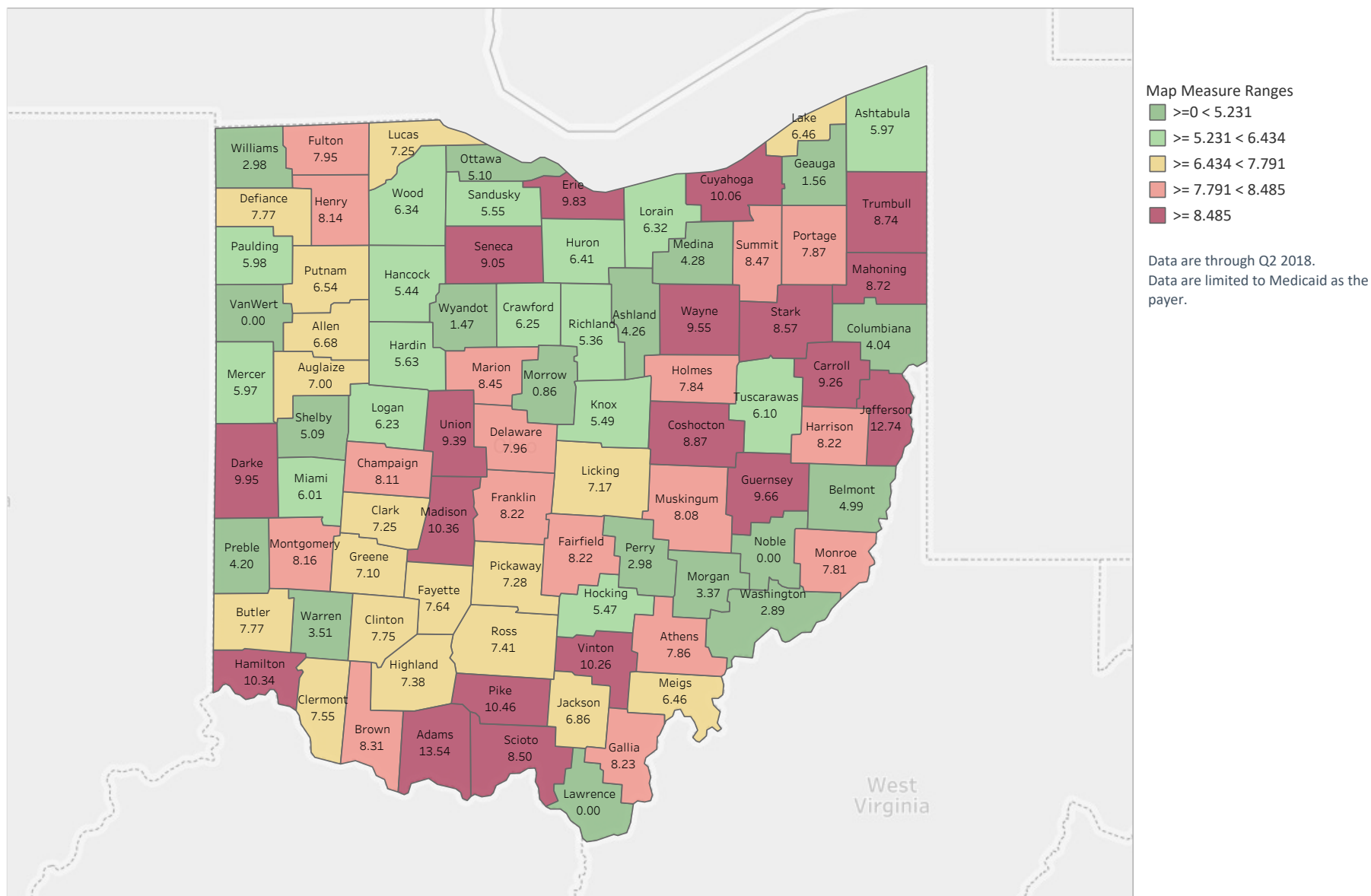
Data are through Q2 2018.
Data are limited to Medicaid as the payer.



Summit County - ODH Infant Mortality Rate OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - ODH Infant Mortality Rate
Overall Quintiles by County | CY 2012 - 2018



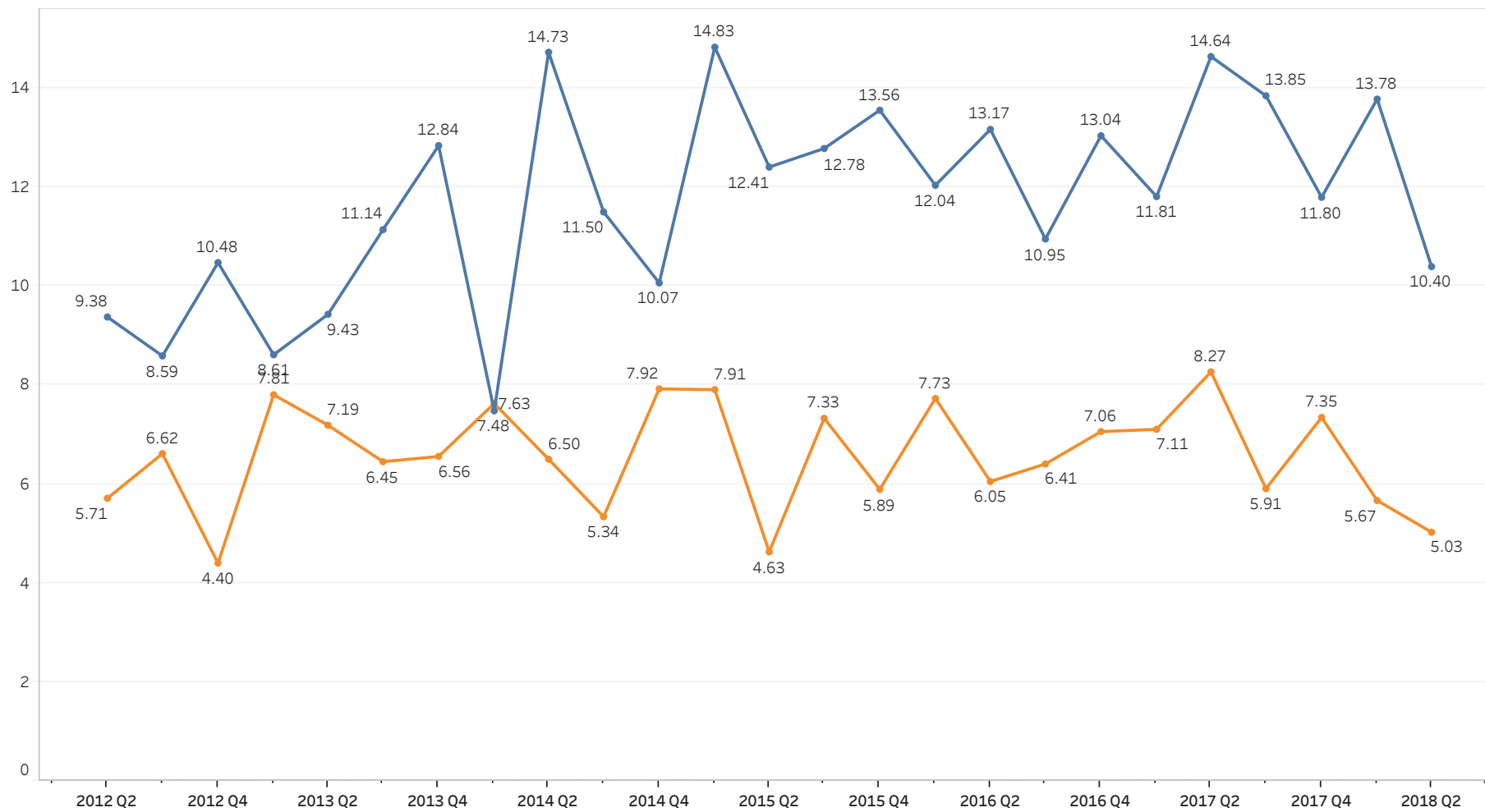


Quarterly Trends by Race - ODH Infant Mortality Rate All OEI Counties | CY 2012-2018

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



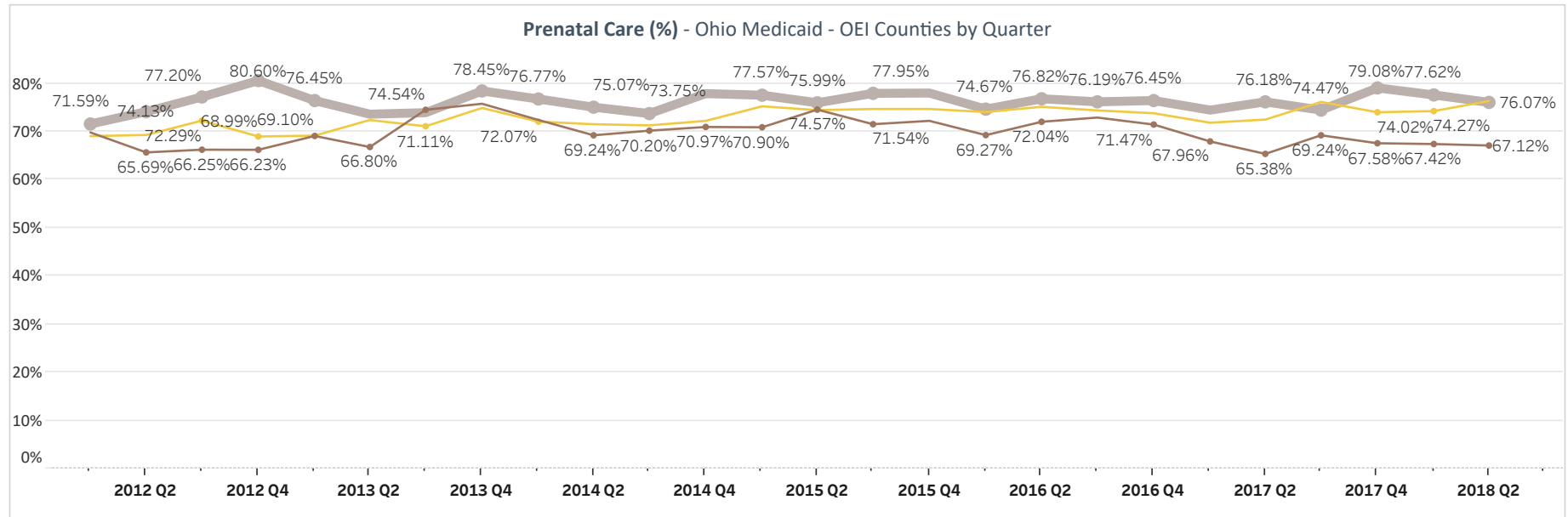
Prenatal Care (%)

Summit, Lucas, Montgomery Counties - Prenatal Care (%)

Trends by Quarter | CY 2012-2018

Counties

Lucas Montgomery Summit

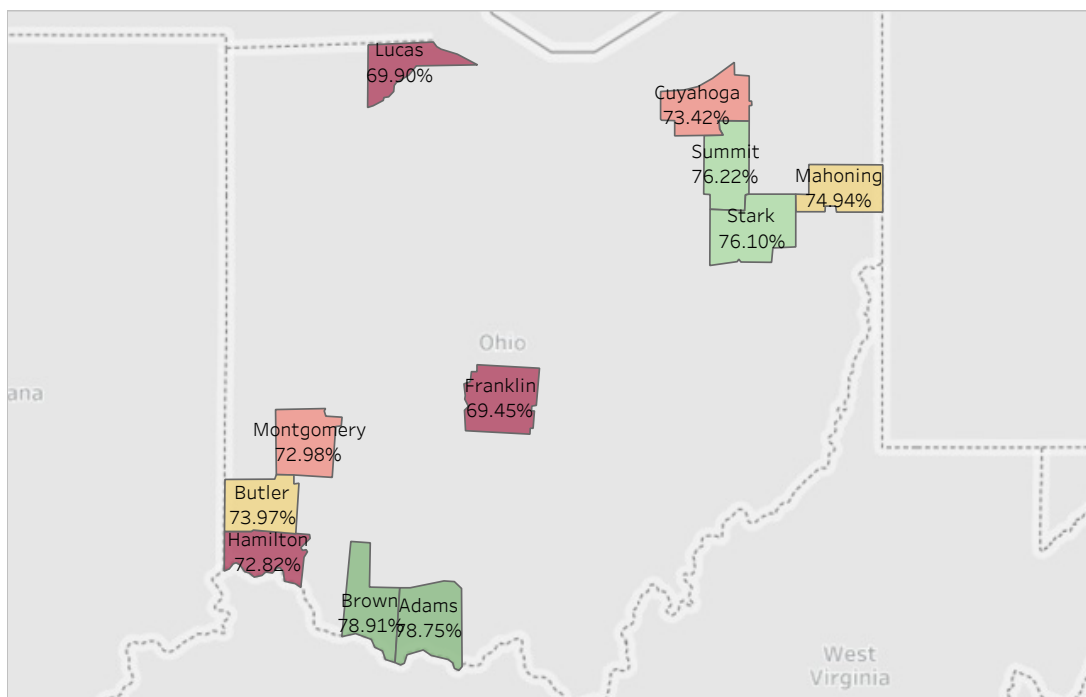


County	Prenatal Aggregate Rate Q1 2012 - Q2 2018	Prenatal Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	69.90%	67.87%	From 2333 to 2377 Women
Summit	76.22%	76.77%	From 2207 to 2245 Women
Montgomery	72.98%	75.21%	From 2544 to 2587 Women

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Prenatal Care (%)

OEI County Quintiles | CY 2012-2018



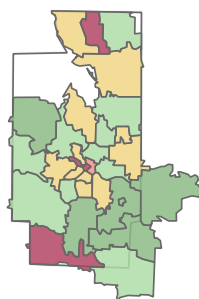
Map Measure Ranges

- $\geq 0 < 72.828\%$
- $\geq 72.828\% < 73.431\%$
- $\geq 73.431\% < 76.088\%$
- $\geq 76.088\% < 78.743\%$
- $\geq 78.743\%$

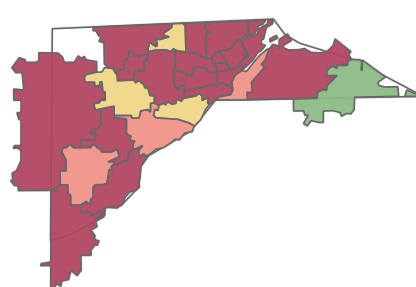
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

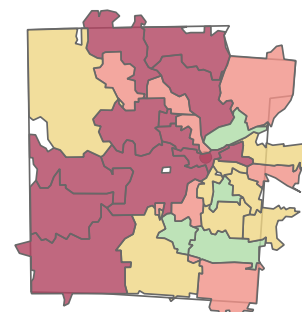
Summit



Lucas

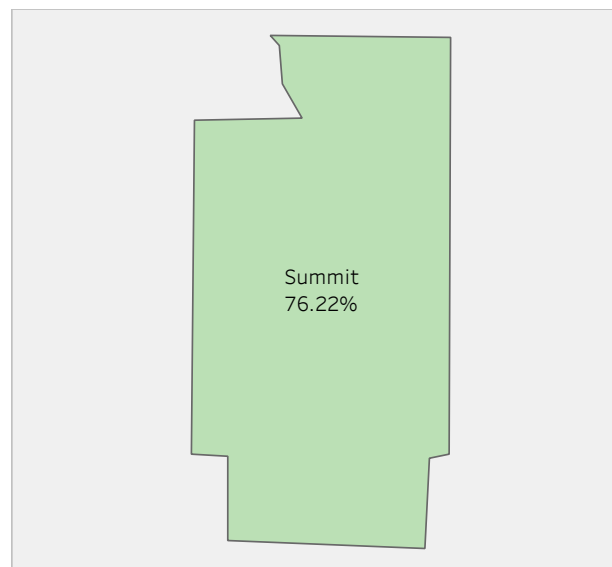
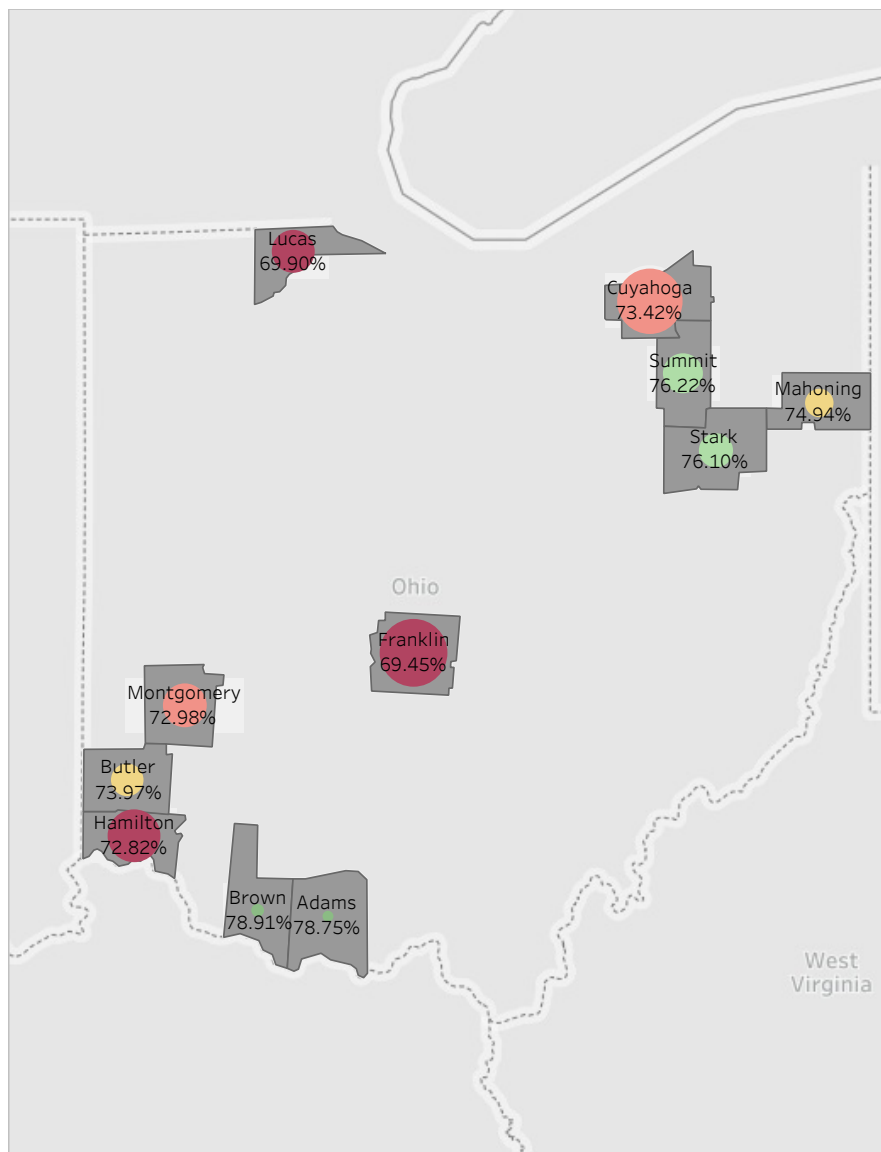


Montgomery



Summit County - Prenatal Care (%)

OEI Quintiles | CY 2012-2018

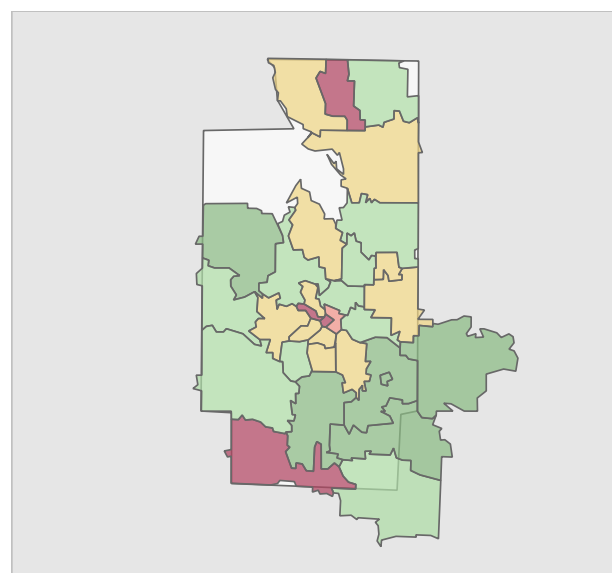


Map Measure Ranges

- >= 0 < 72.828%
- >= 72.828% < 73.431%
- >= 73.431% < 76.088%
- >= 76.088% < 78.743%
- >= 78.743%

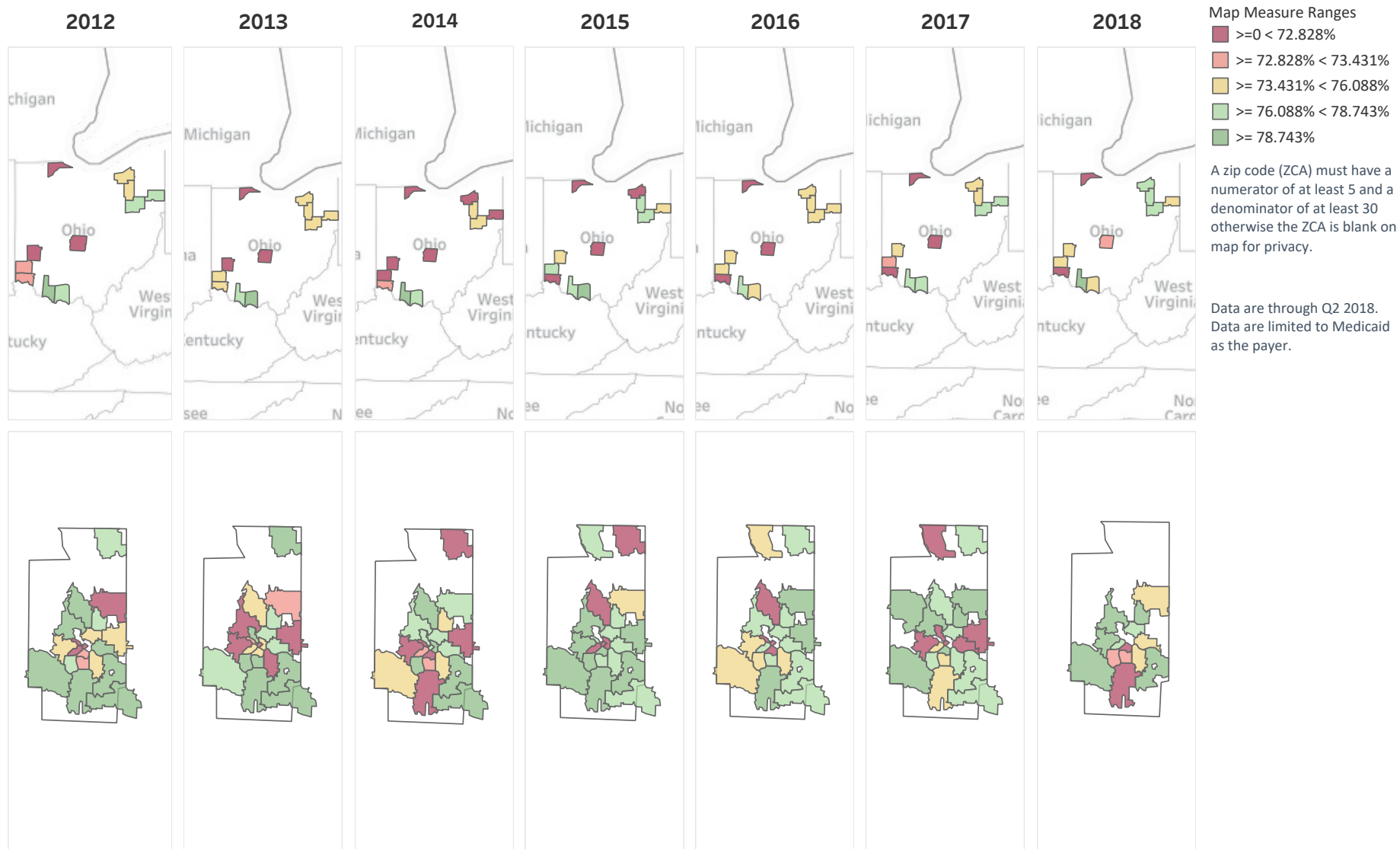
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.



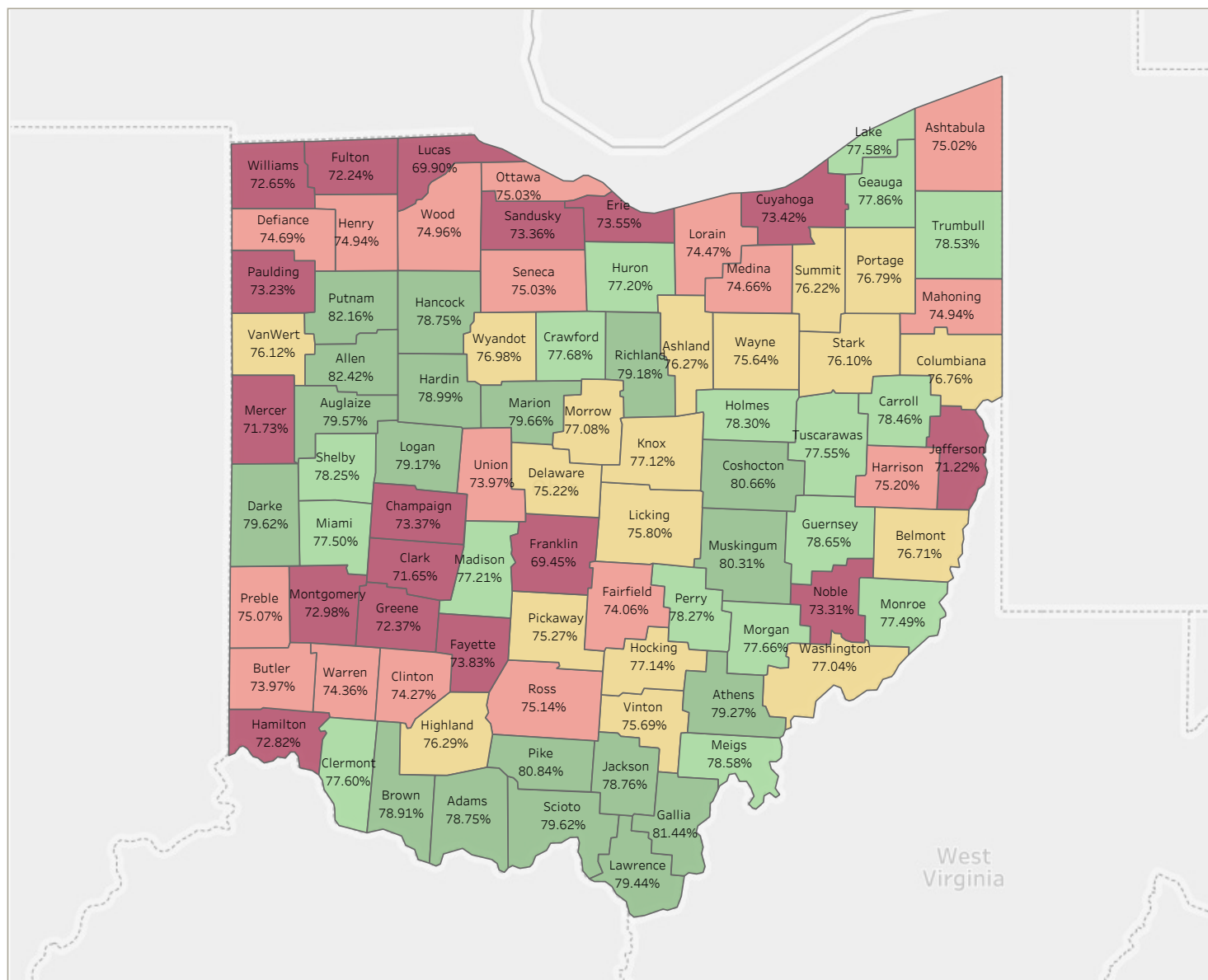
Summit County - Prenatal Care (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Prenatal Care (%)

Overall Quintiles by County | CY 2012 - 2018



Map Measure Ranges

- >=0 < 73.899%
- >= 73.899% < 75.214%
- >= 75.214% < 77.174%
- >= 77.174% < 78.699%
- >= 78.699%

Data are through Q2 2018.
Data are limited to Medicaid as the payer.



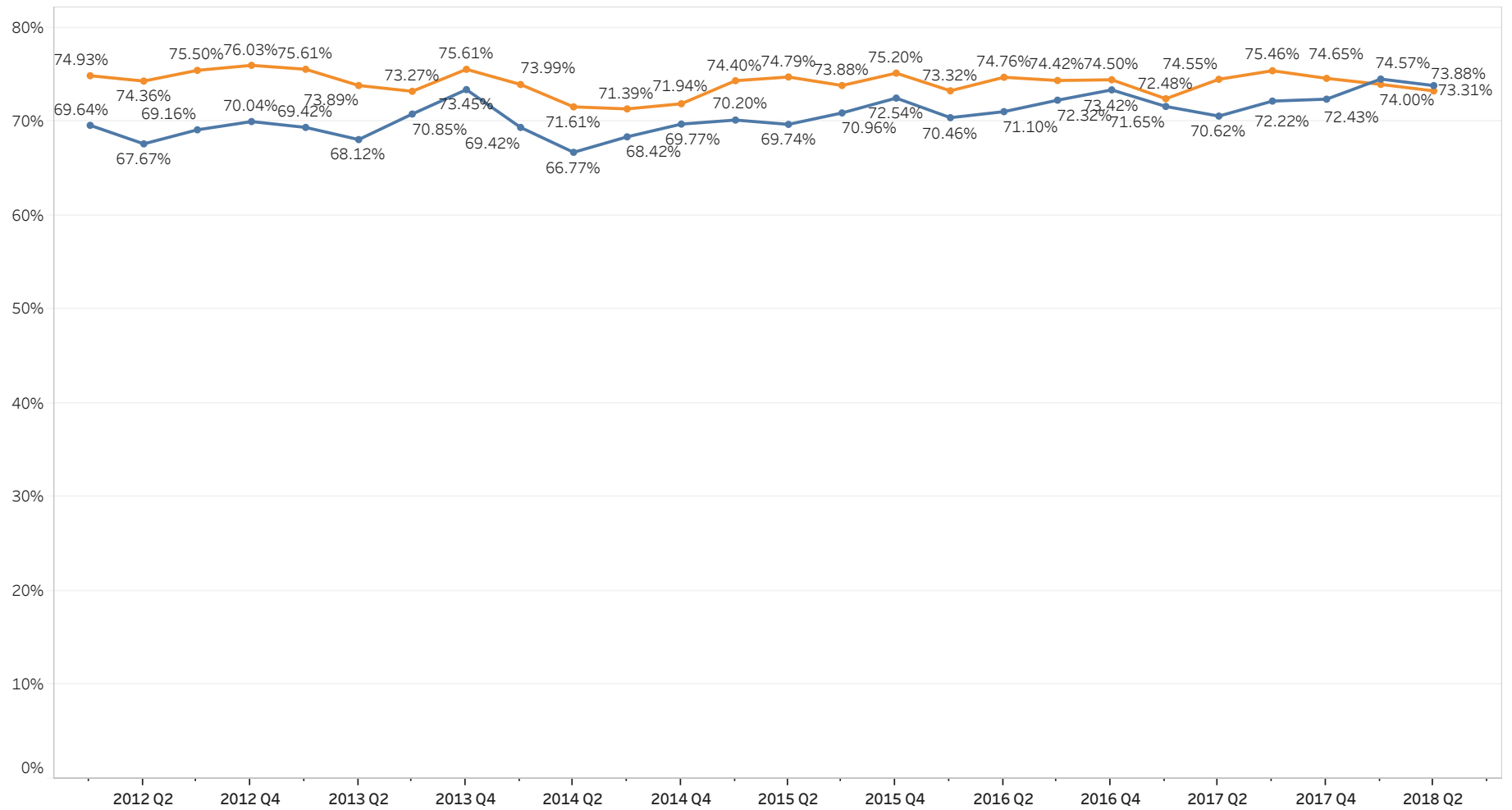
Quarterly Trends by Race - Prenatal Care (%)

All OEI Counties | CY 2012-2018

Race

African American

Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Prenatal Care (%) All OEI Counties | CY 2012-2018

Medicaid Plan
All Plans

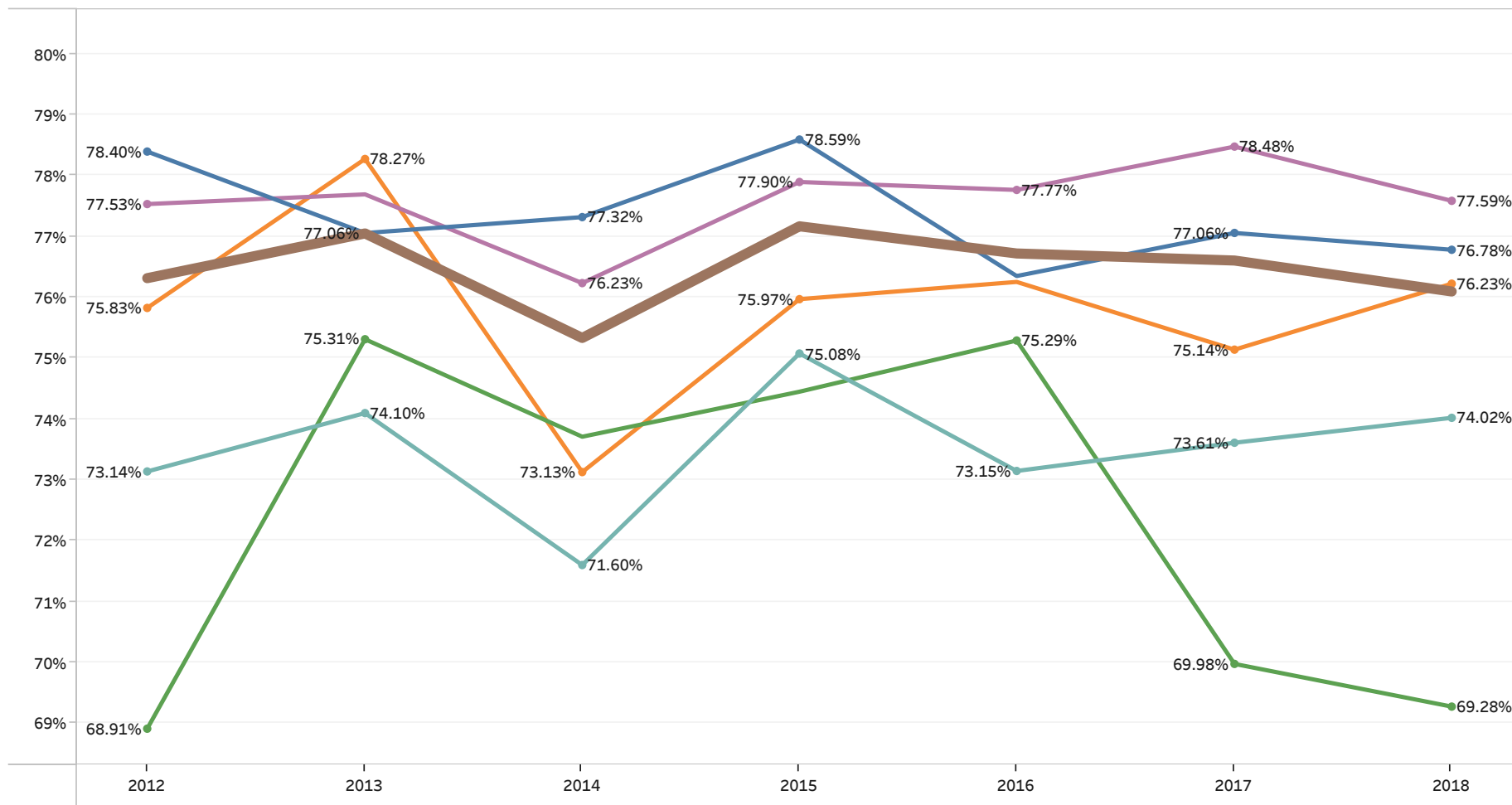
Buckeye

CareSource

Molina

Paramount

United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.

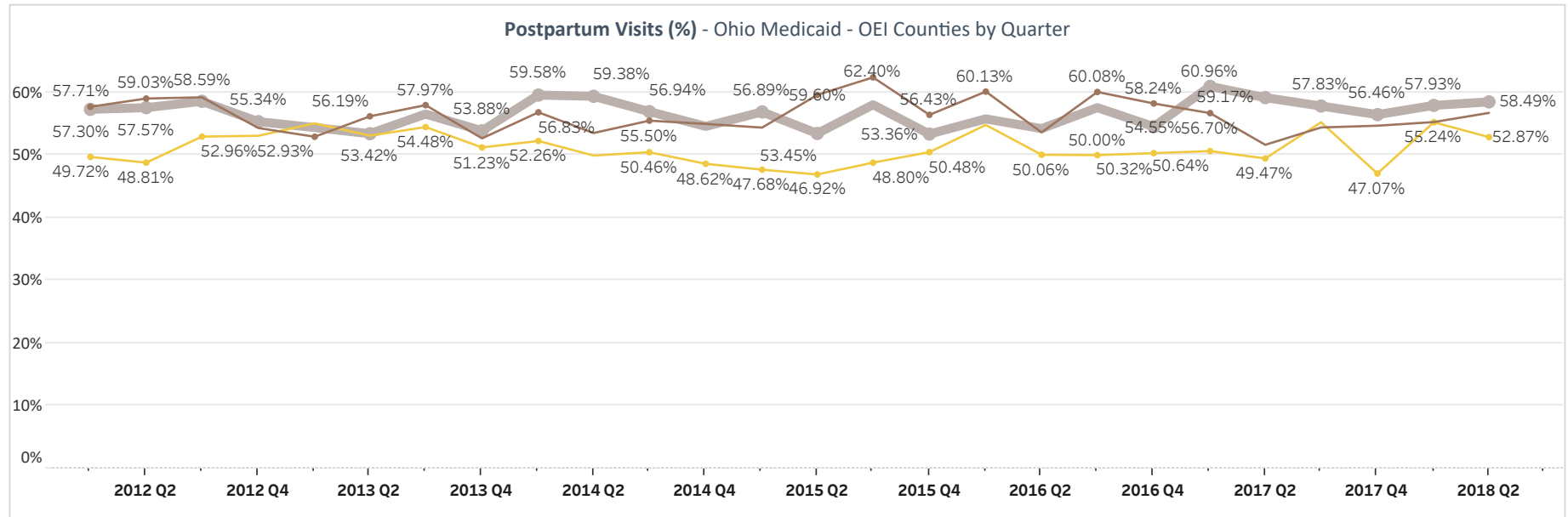
Postpartum Visits (%)

Summit, Lucas, Montgomery Counties - Postpartum Visits (%)

Trends by Quarter | CY 2012-2018

Counties

Lucas Montgomery Summit

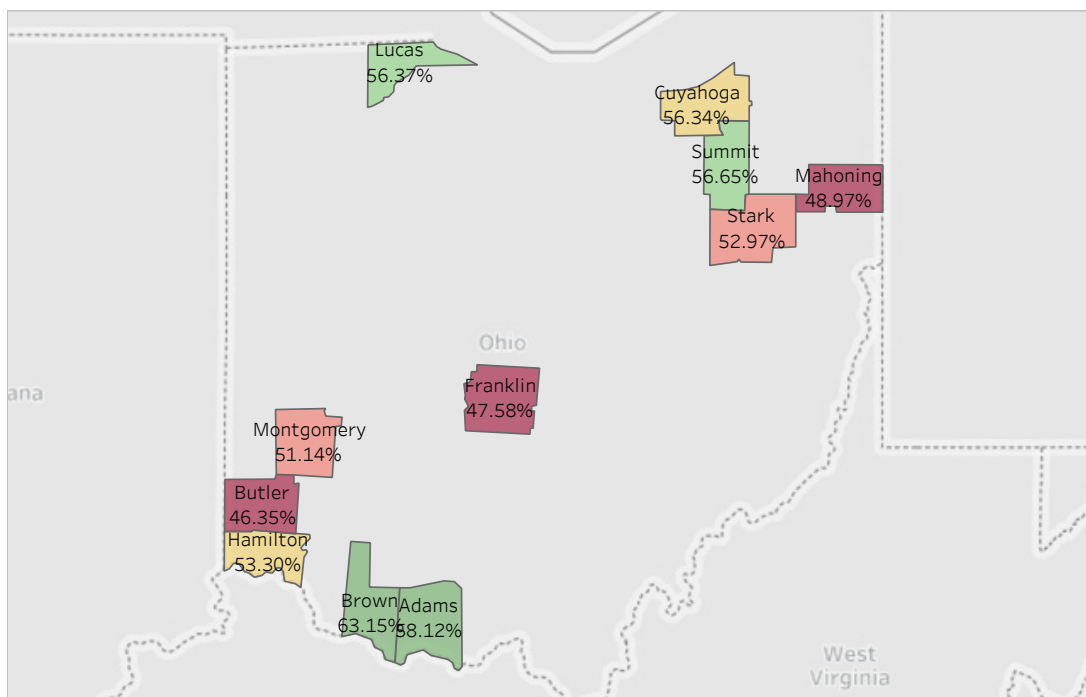


County	Postpartum Aggregate Rate Q1 2012 - Q2 2018	Postpartum Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	56.37%	55.25%	From 1882 to 1929 Women
Summit	56.65%	57.70%	From 1640 to 1684 Women
Montgomery	51.14%	52.66%	From 1782 to 1831 Women

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Postpartum Visits (%)

OEI County Quintiles | CY 2012-2018



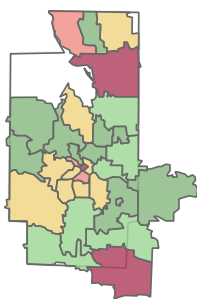
Map Measure Ranges

- $\geq 0 < 48.982\%$
- $\geq 48.982\% < 52.979\%$
- $\geq 52.979\% < 56.359\%$
- $\geq 56.359\% < 58.112\%$
- $\geq 58.112\%$

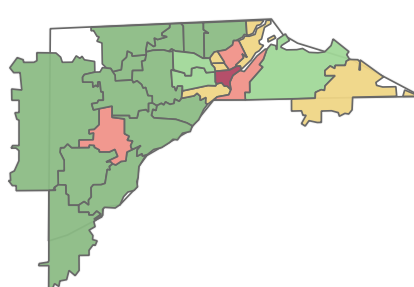
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

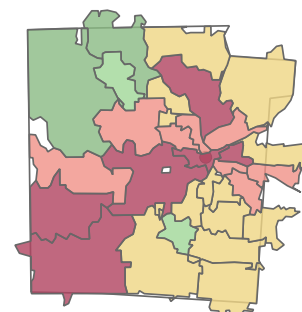
Summit



Lucas

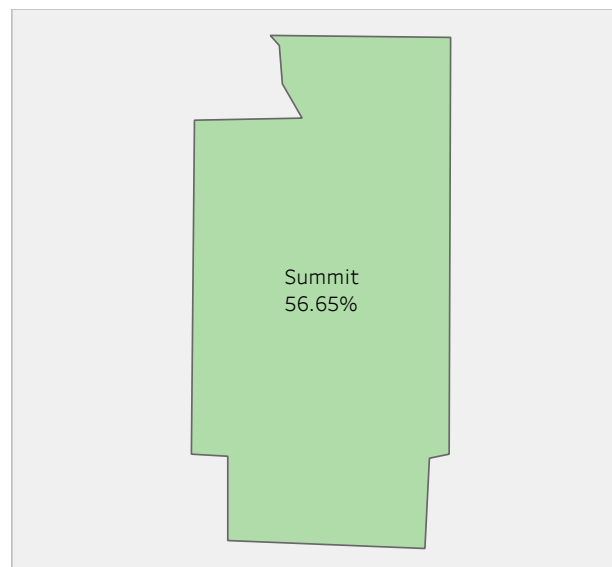
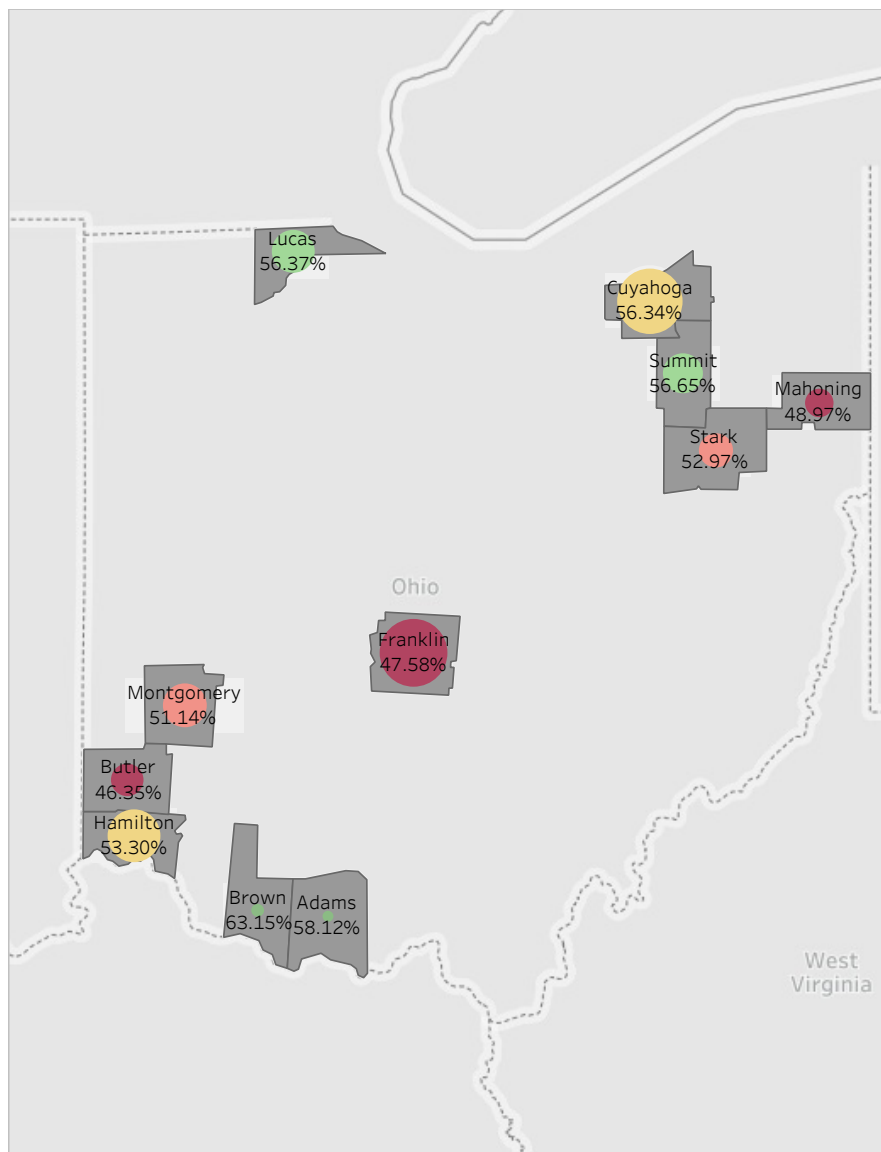


Montgomery



Summit County - Postpartum Visits (%)

OEI Quintiles | CY 2012-2018

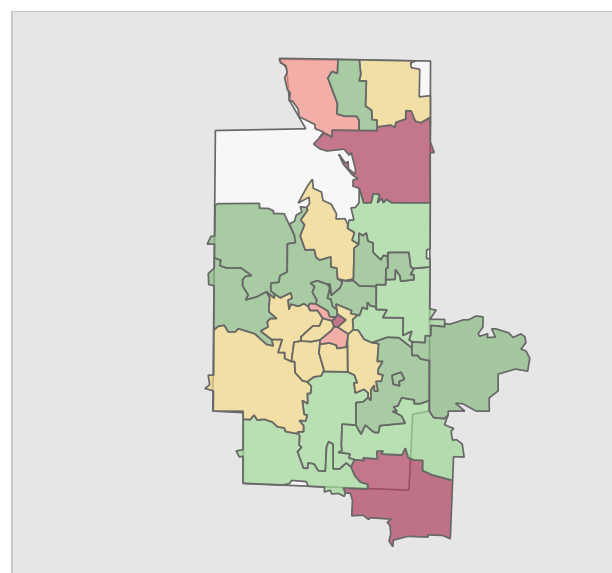


Map Measure Ranges

- >= 0 < 48.982%
- >= 48.982% < 52.979%
- >= 52.979% < 56.359%
- >= 56.359% < 58.112%
- >= 58.112%

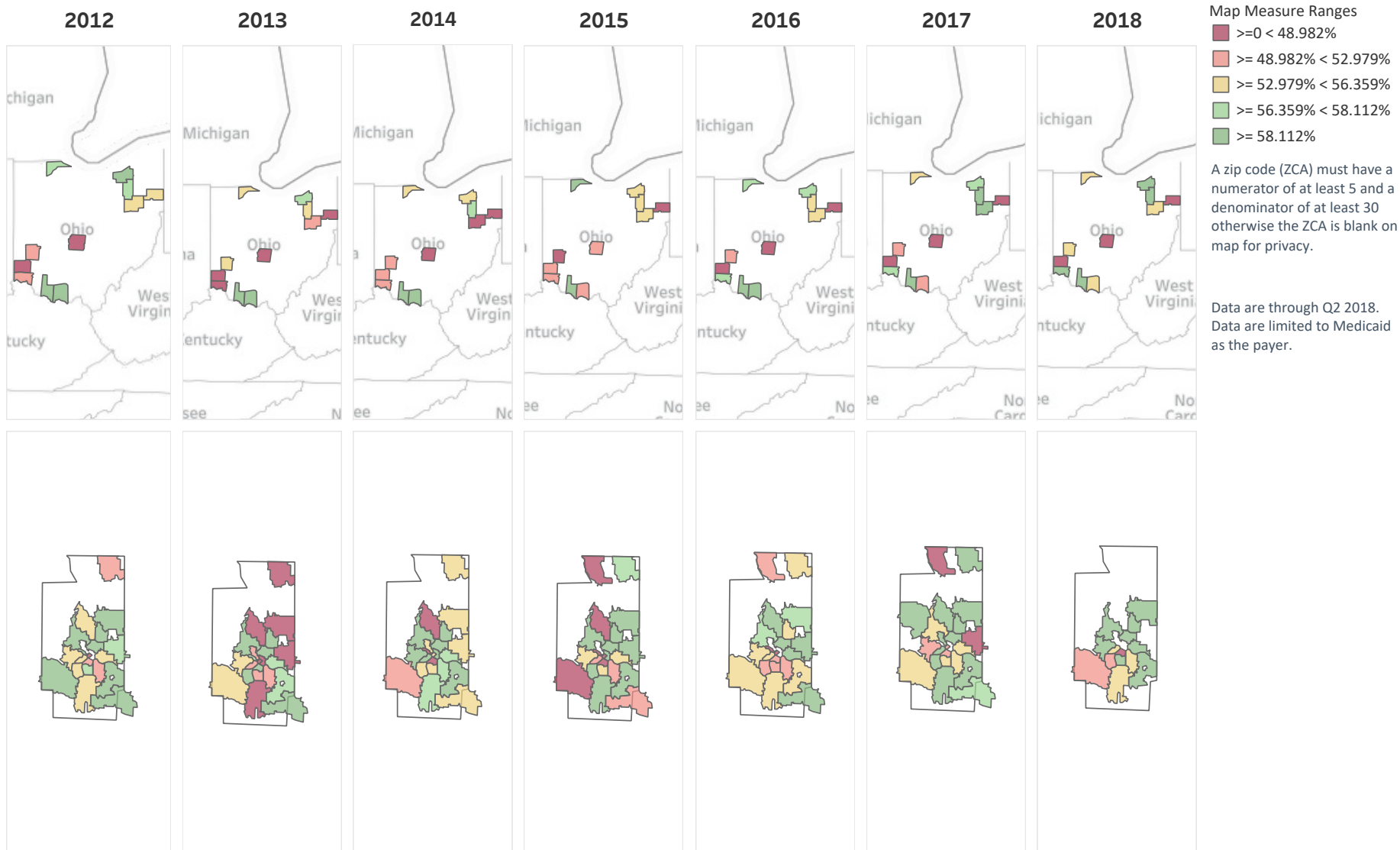
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.



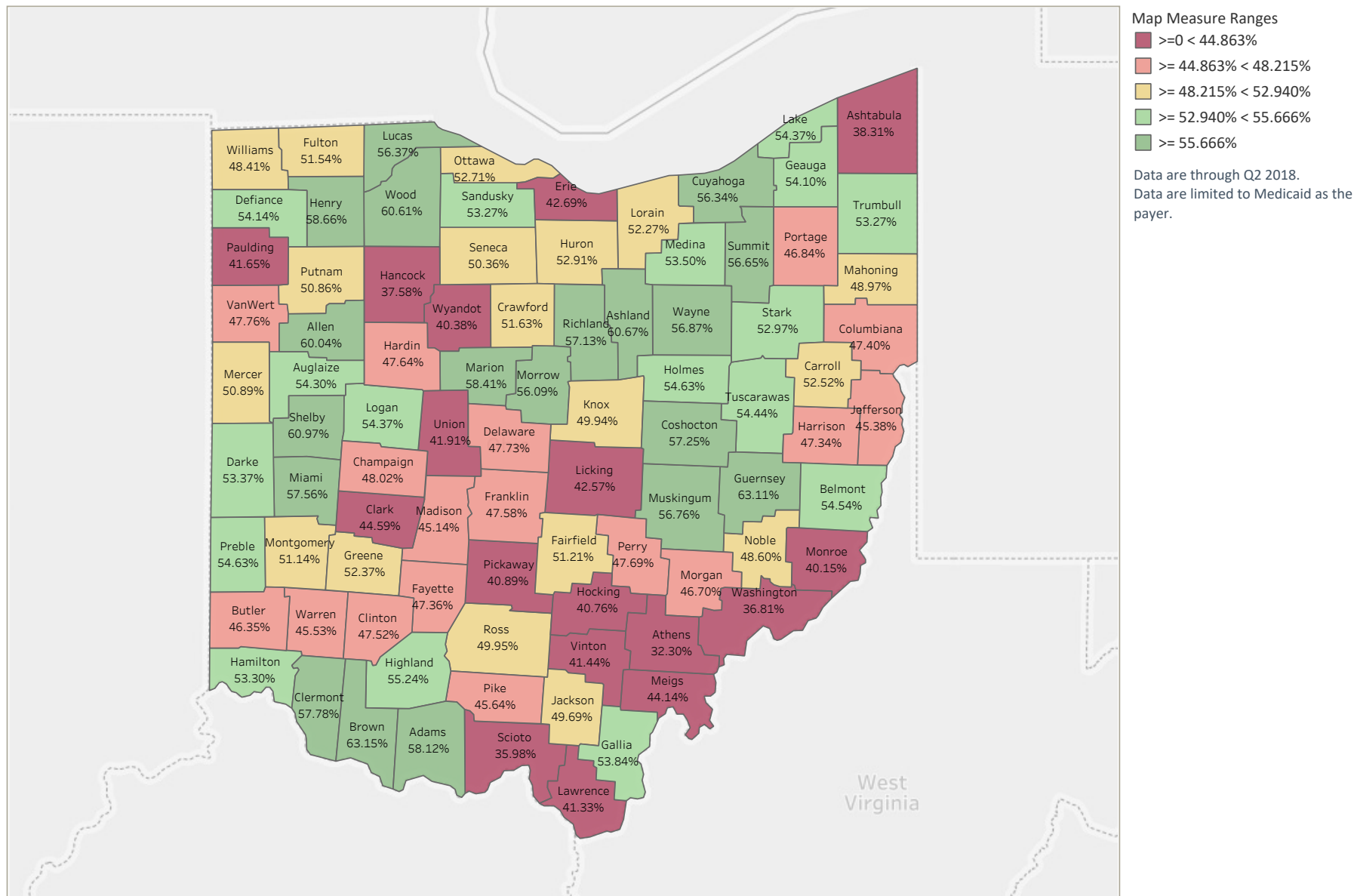
Summit County - Postpartum Visits (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Postpartum Visits (%)

Overall Quintiles by County | CY 2012 - 2018





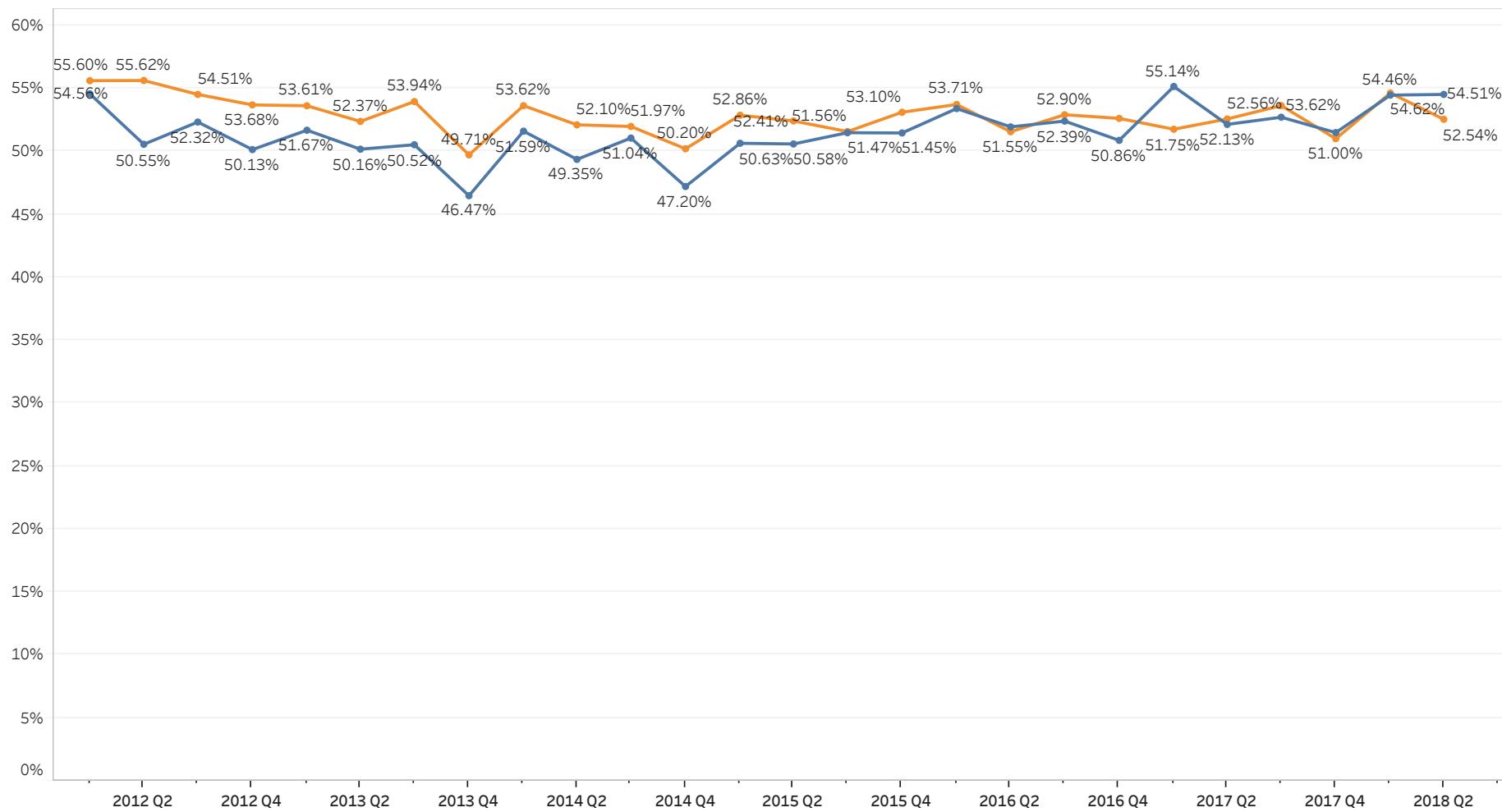
Quarterly Trends by Race - Postpartum Visits (%)

All OEI Counties | CY 2012-2018

Race

African American

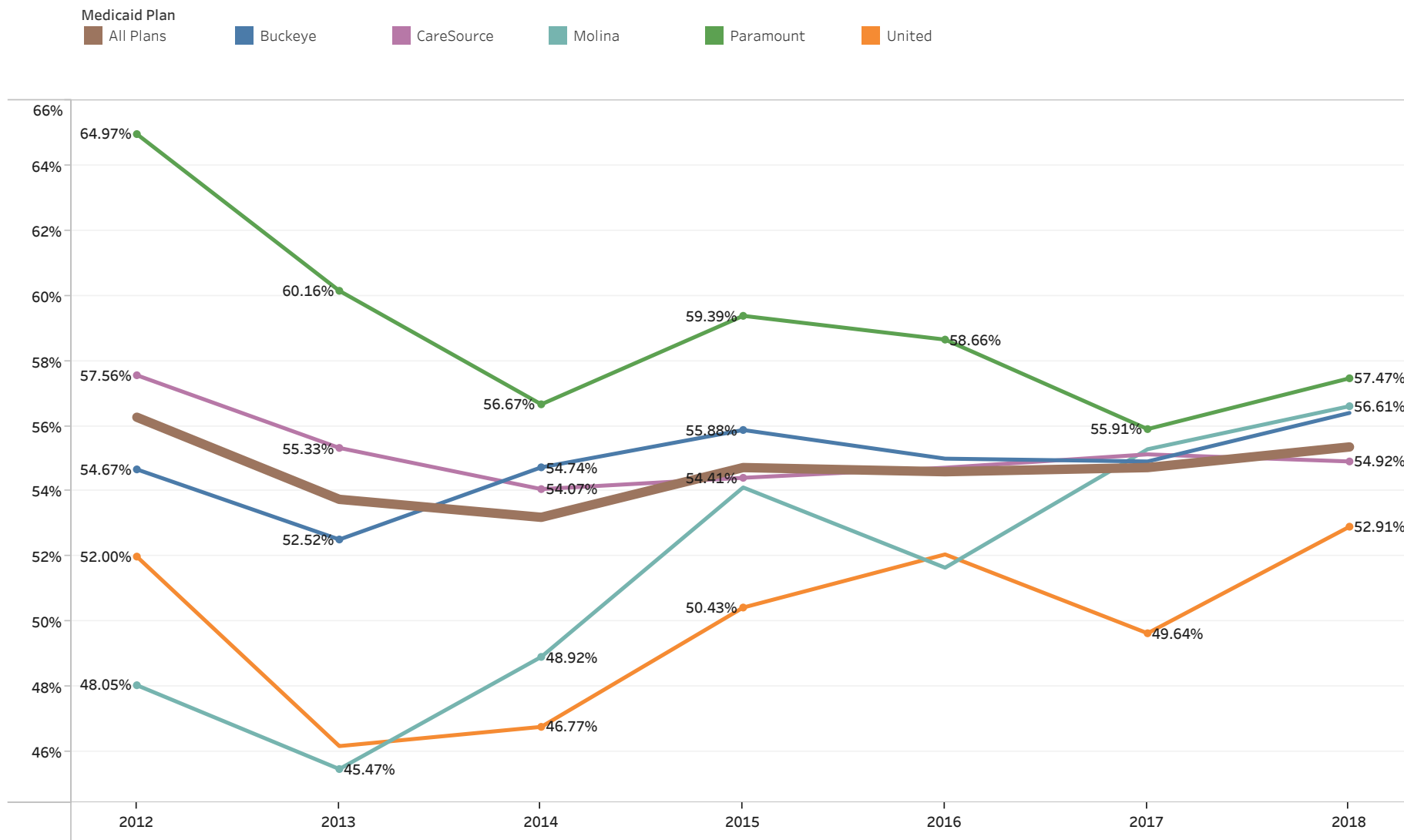
Caucasian



Data are limited to Medicaid as the payer.



Yearly Trends by MCP - Postpartum Visits (%) All OEI Counties | CY 2012-2018



Data are through Q2 2018.
Data are limited to Medicaid as the payer.



Progesterone Use in High Risk Women (%)



Summit, Lucas, Montgomery Counties - Progesterone Use in High Risk Women (%)

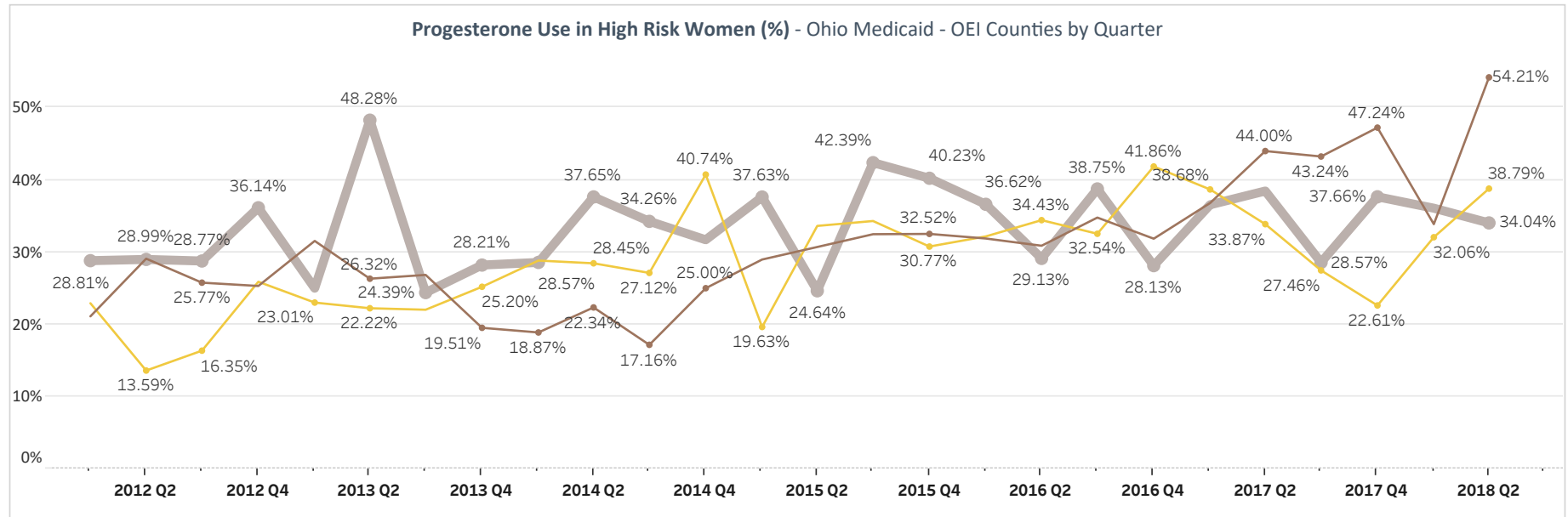
Trends by Quarter | CY 2012-2018

Counties

Lucas

Montgomery

Summit

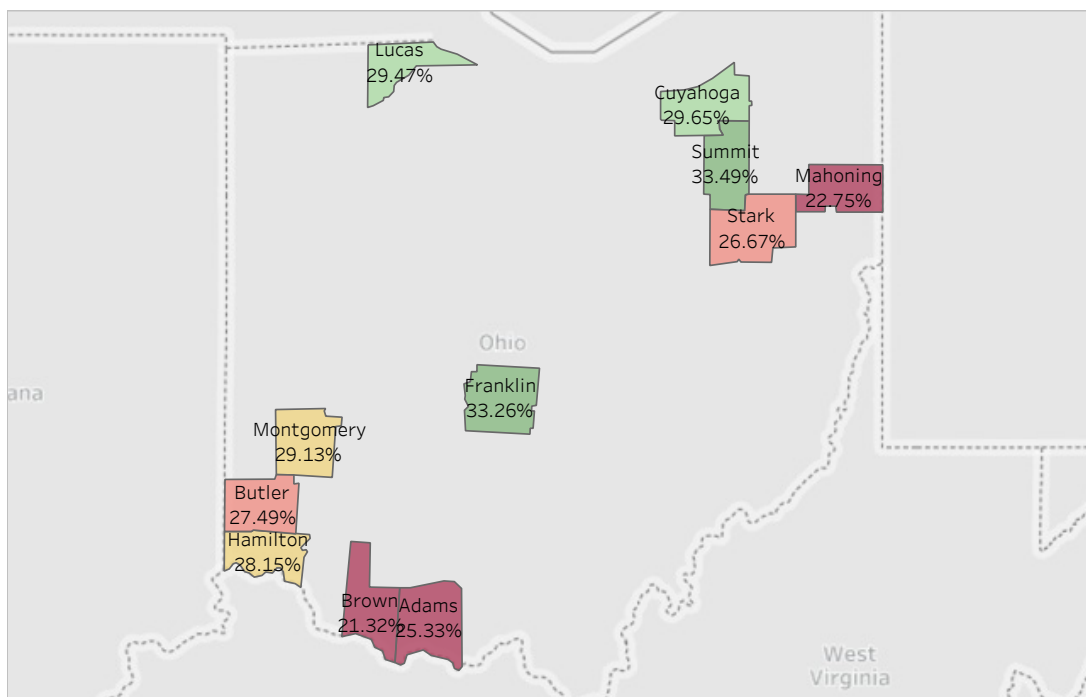


County	Progesterone Aggregate Rate Q1 2012 - Q2 2018	Progesterone Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	29.47%	44.35%	From 183 to 201 Women
Summit	33.49%	33.88%	From 120 to 135 Women
Montgomery	29.13%	30.16%	From 148 to 164 Women

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Progesterone Use in High Risk Women (%)

OEI County Quintiles | CY 2012-2018



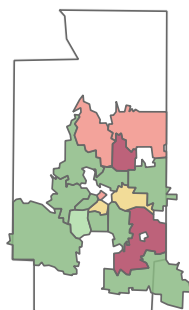
Map Measure Ranges

- $\geq 0 < 25.343\%$
- $\geq 25.343\% < 27.501\%$
- $\geq 27.501\% < 29.457\%$
- $\geq 29.457\% < 33.254\%$
- $\geq 33.254\%$

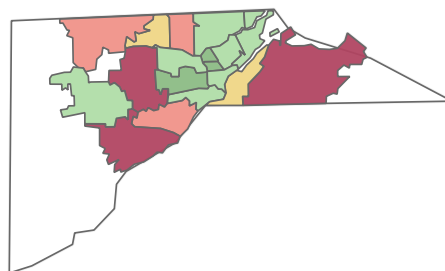
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

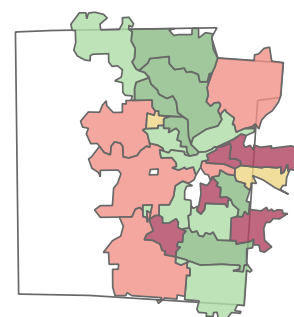
Summit



Lucas

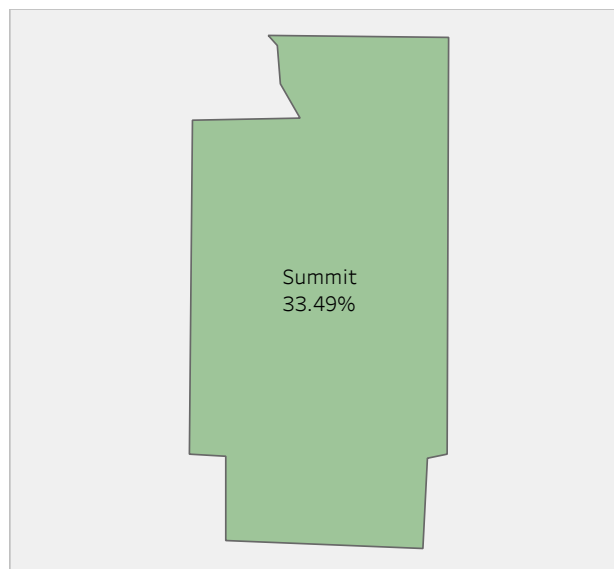
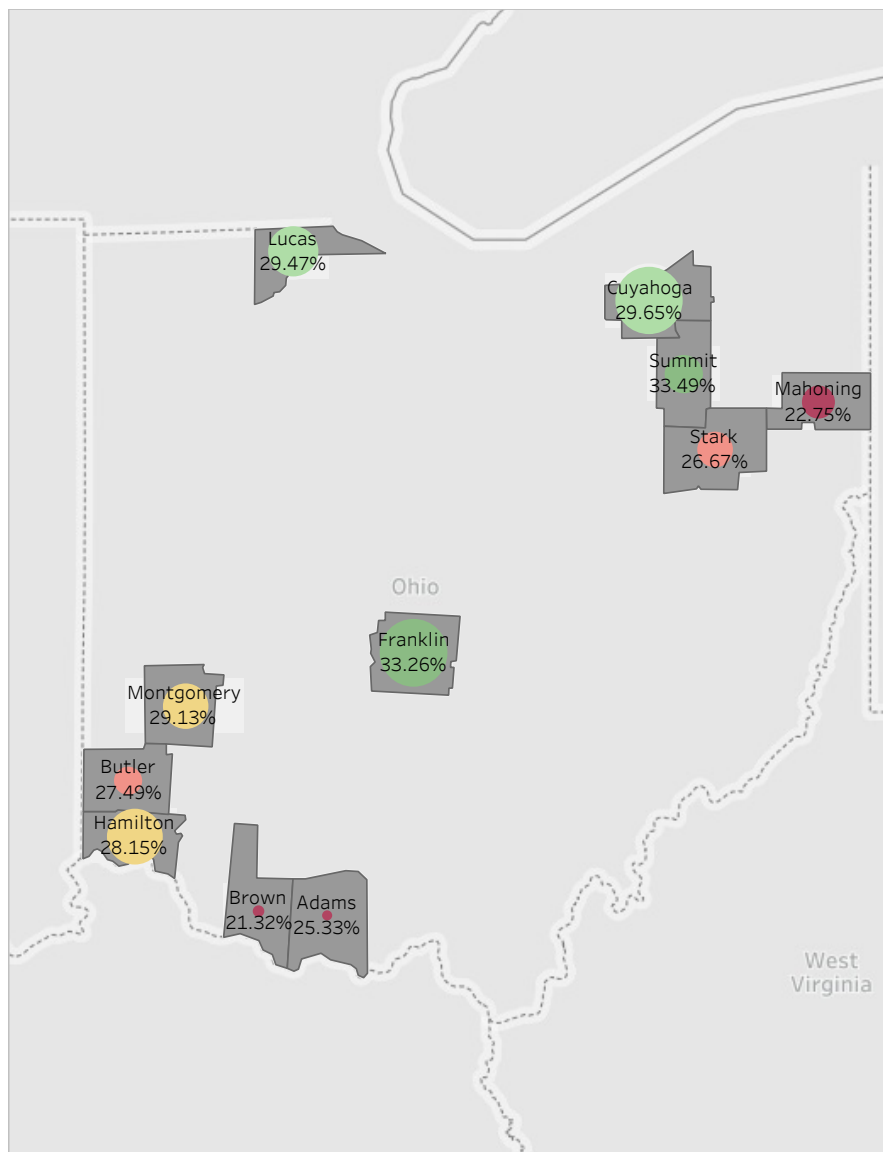


Montgomery



Summit County - Progesterone Use in High Risk Women (%)

OEI Quintiles | CY 2012-2018

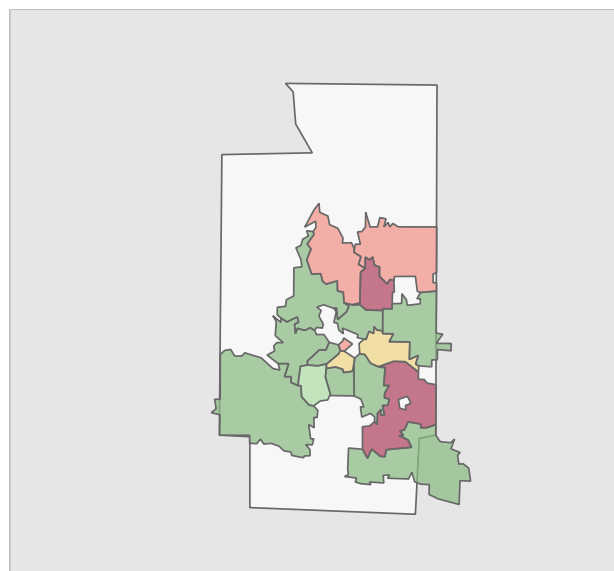


Map Measure Ranges

- >= 0 < 25.343%
- >= 25.343% < 27.501%
- >= 27.501% < 29.457%
- >= 29.457% < 33.254%
- >= 33.254%

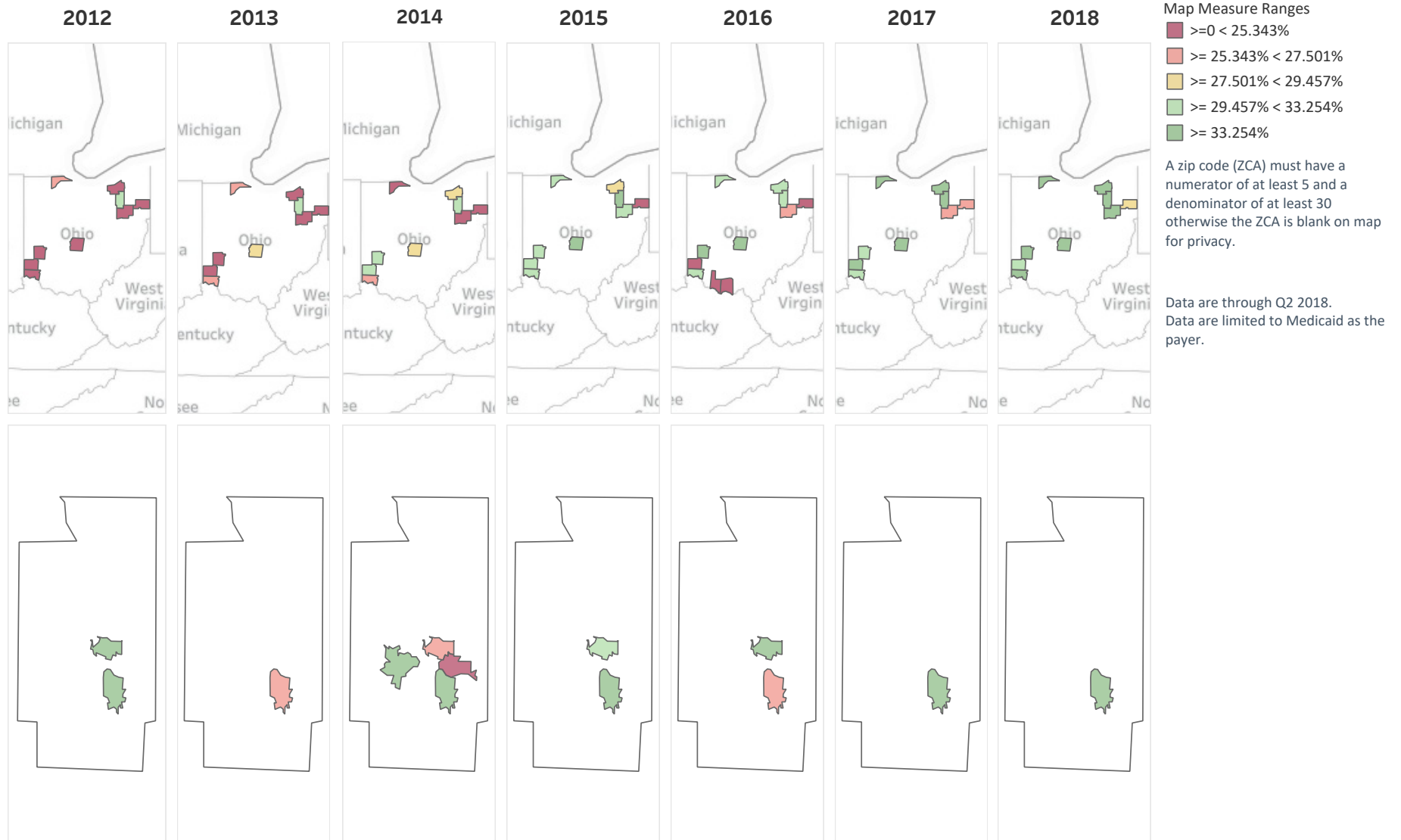
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.



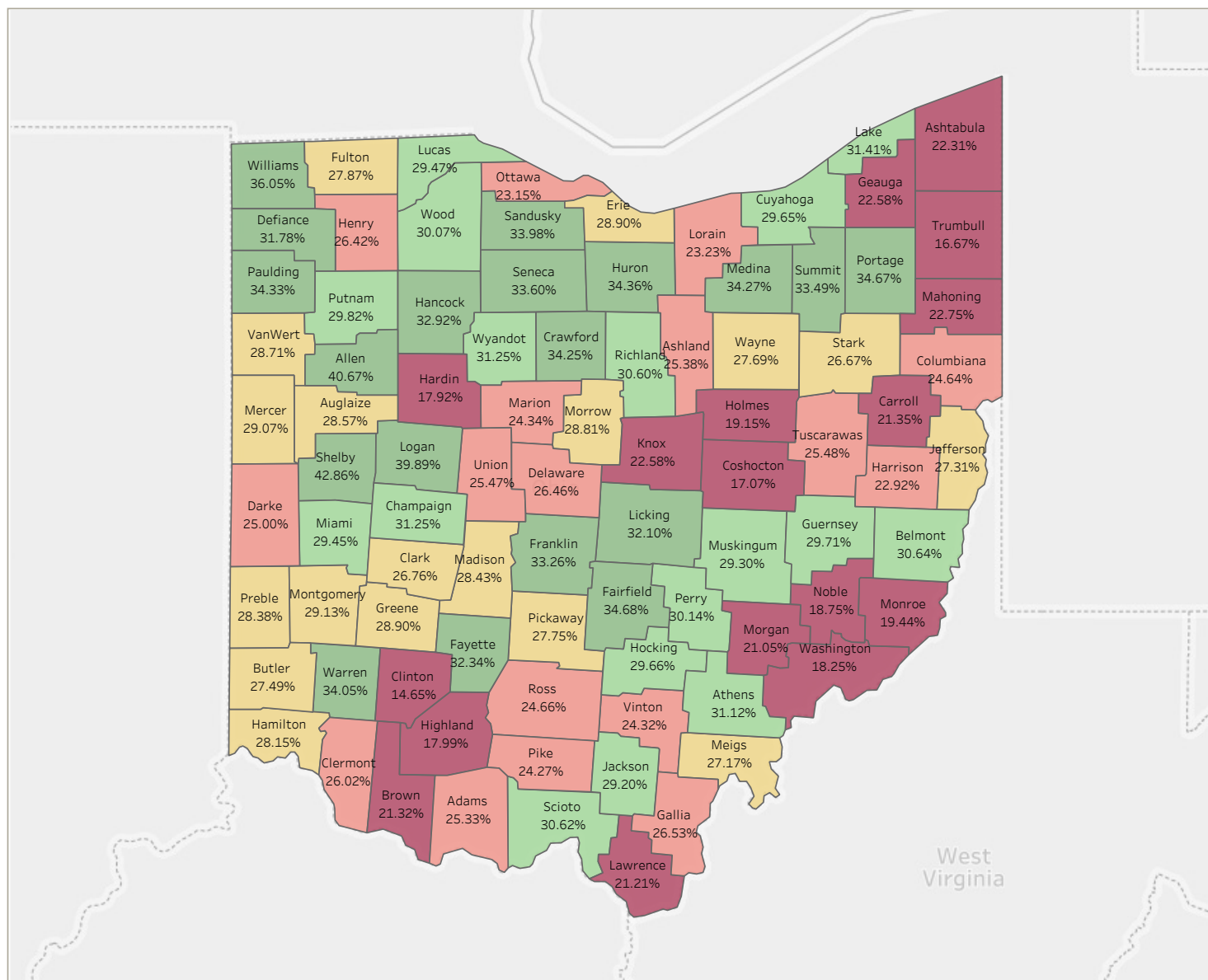
Summit County - Progesterone Use in High Risk Women (%)

OEI Quintiles | CY 2012-2018 Yearly Comparison



Statewide - Progesterone Use in High Risk Women (%)

Overall Quintiles by County | CY 2012 - 2018



Map Measure Ranges

- >=0 < 22.833%
- >= 22.833% < 26.600%
- >= 26.600% < 29.161%
- >= 29.161% < 31.595%
- >= 31.595%

Data are through Q2 2018.
Data are limited to Medicaid as the payer.



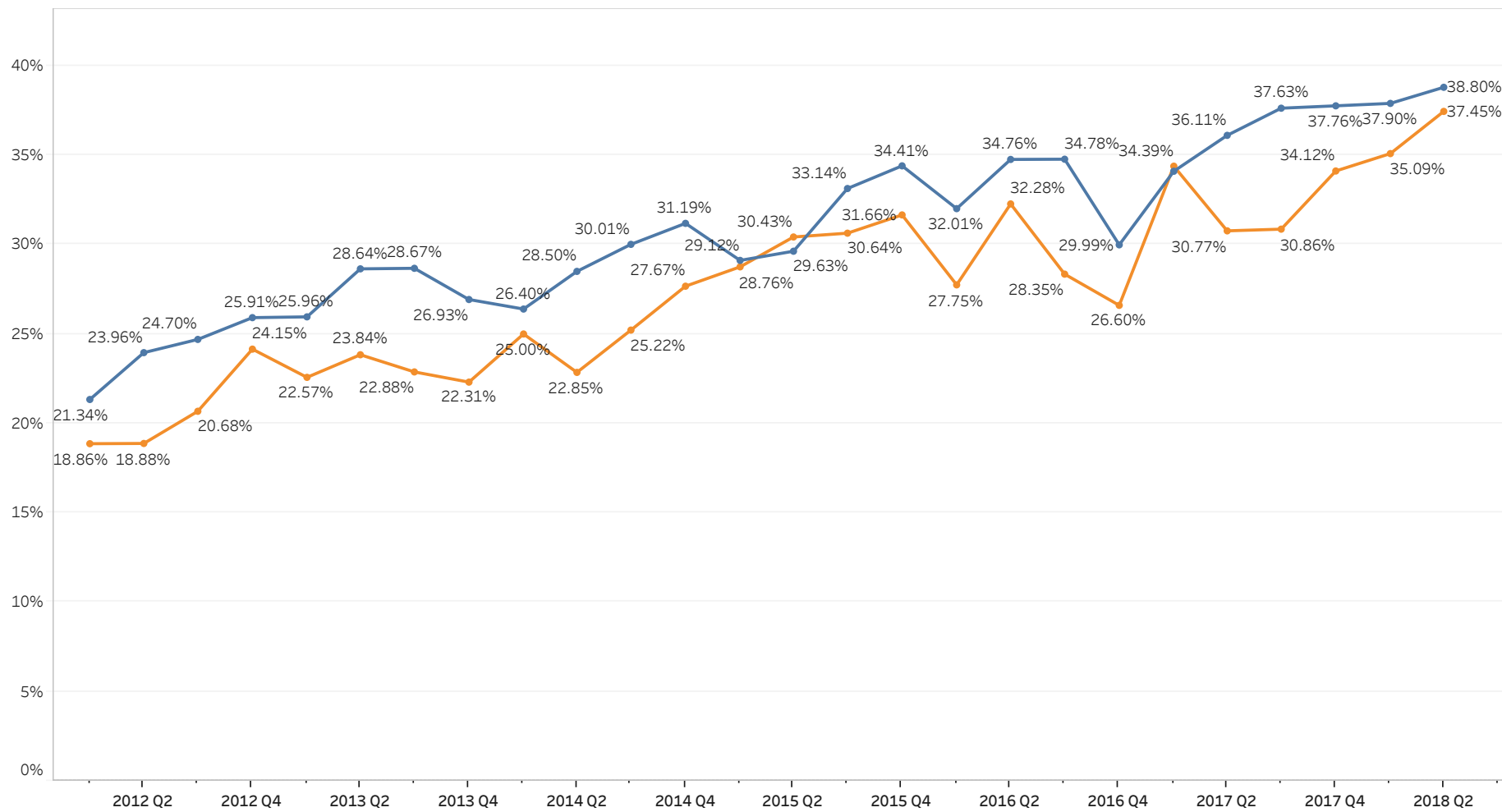
Quarterly Trends by Race - Progesterone Use in High Risk Women (%)

All OEI Counties | CY 2012-2018

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 2012-2018

Medicaid Plan
All Plans

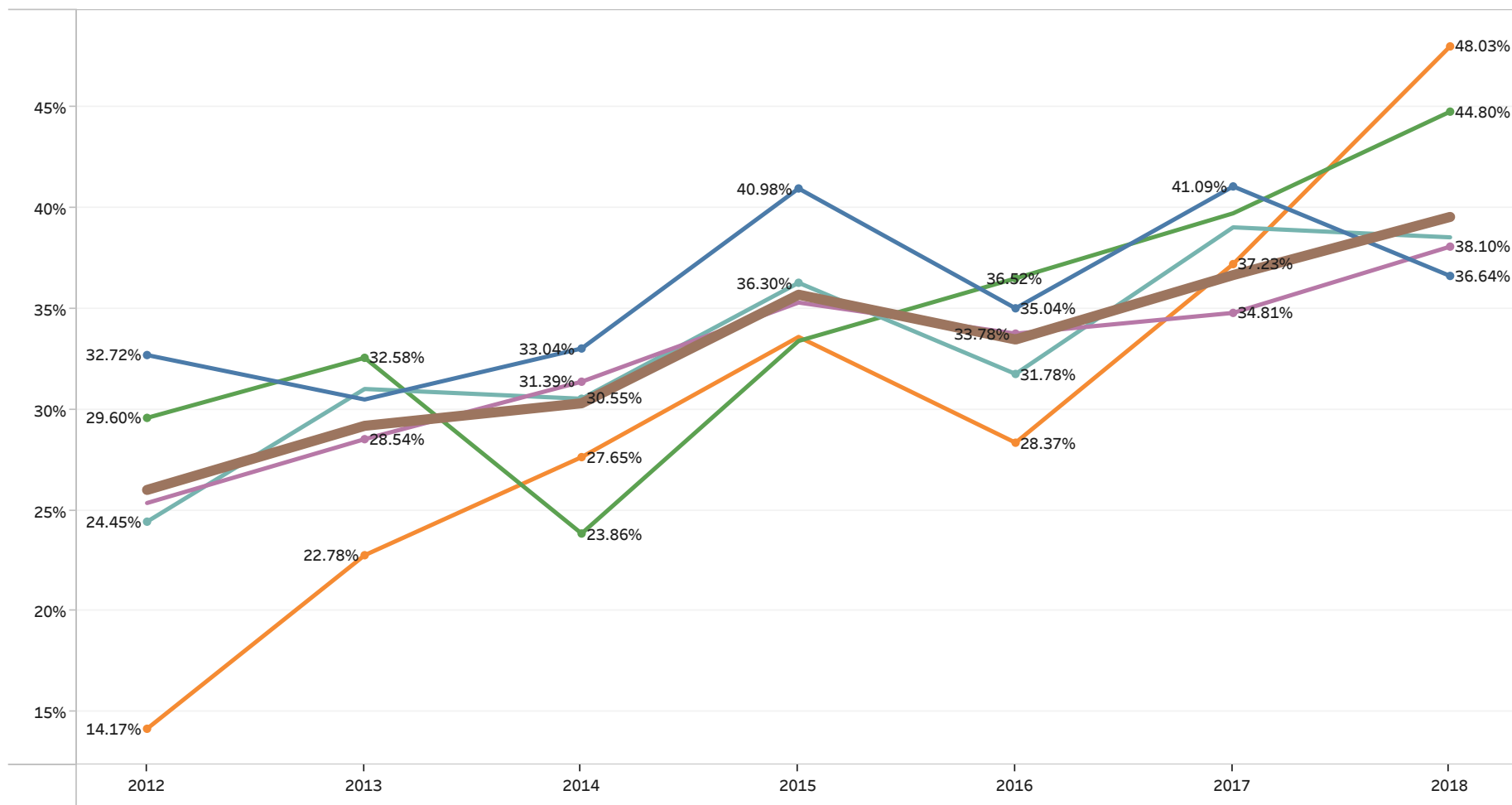
Buckeye

CareSource

Molina

Paramount

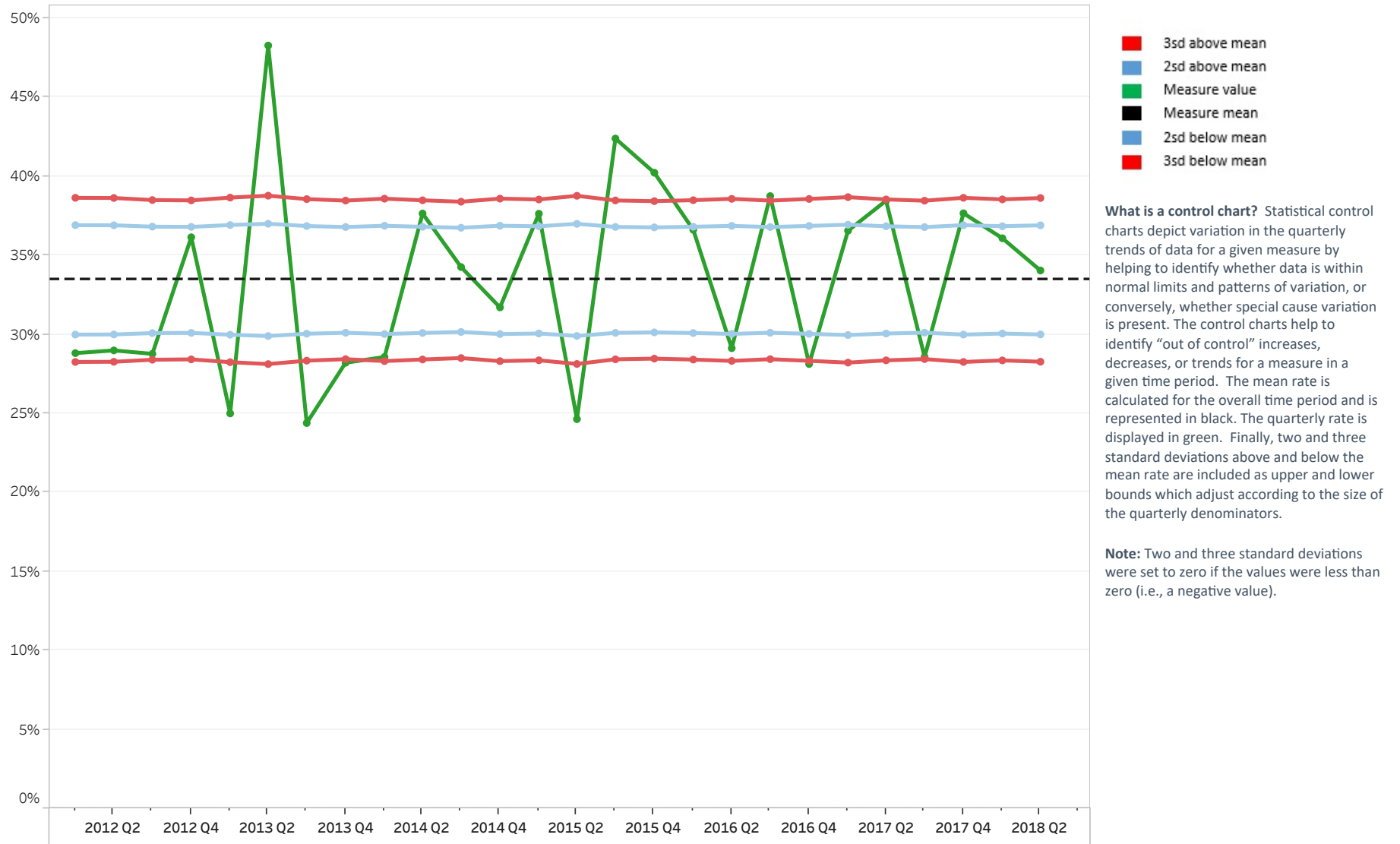
United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.

Summit County Quarterly Control Chart - Progesterone Use in High Risk Women (%) CY 2012-2018



Data are limited to Medicaid as the payer.



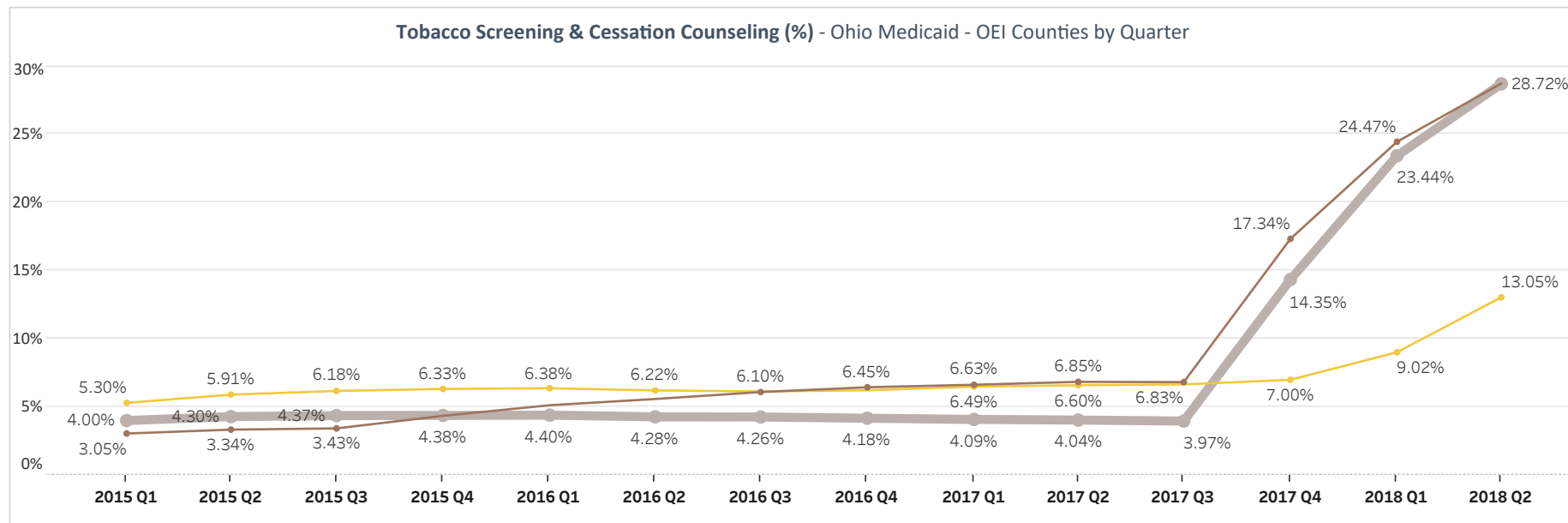
Tobacco Screening & Cessation Counseling (%)

Summit, Lucas, Montgomery Counties - Tobacco Screening & Cessation Counseling (%)

Trends by Quarter | CY 2015-2018

Counties

Lucas Montgomery Summit

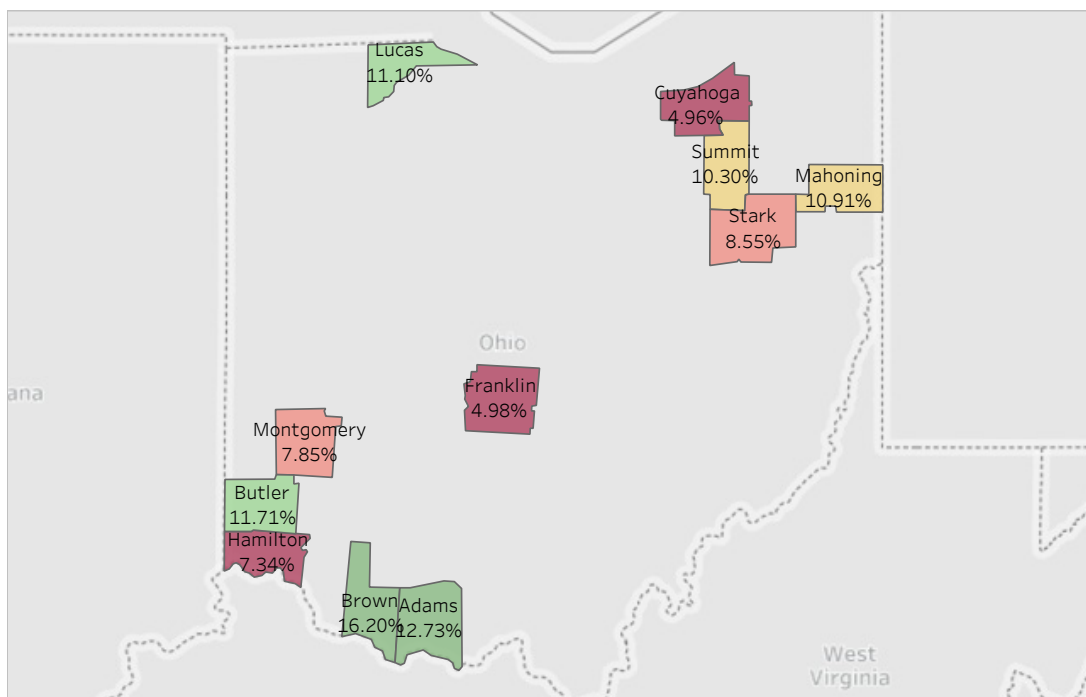


County	Tobacco Screening & Cessation Counseling Aggregate Rate Q1 2015 - Q2 2018	Tobacco Screening & Cessation Counseling Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	11.10%	28.74%	From 3749 to 3844 Women
Summit	10.30%	28.72%	From 3246 to 3334 Women
Montgomery	7.85%	13.05%	From 2785 to 2869 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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Tobacco Screening & Cessation Counseling (%)

OEI County Quintiles | CY 2015-2018



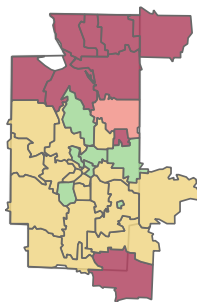
Map Measure Ranges

- $\geq 0 < 7.347\%$
- $\geq 7.347\% < 8.557\%$
- $\geq 8.557\% < 11.093\%$
- $\geq 11.093\% < 12.720\%$
- $\geq 12.720\%$

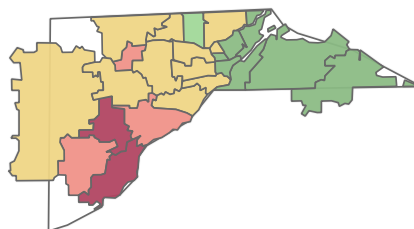
A zip code (ZCA) must have a numerator of at least 5 and a denominator of at least 30 otherwise the ZCA is blank on map for privacy.

Data are through Q2 2018.
Data are limited to Medicaid as the payer.

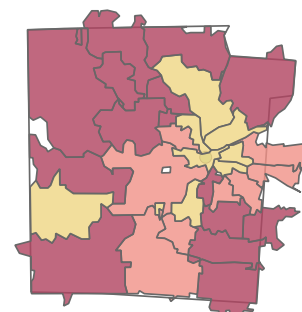
Summit



Lucas

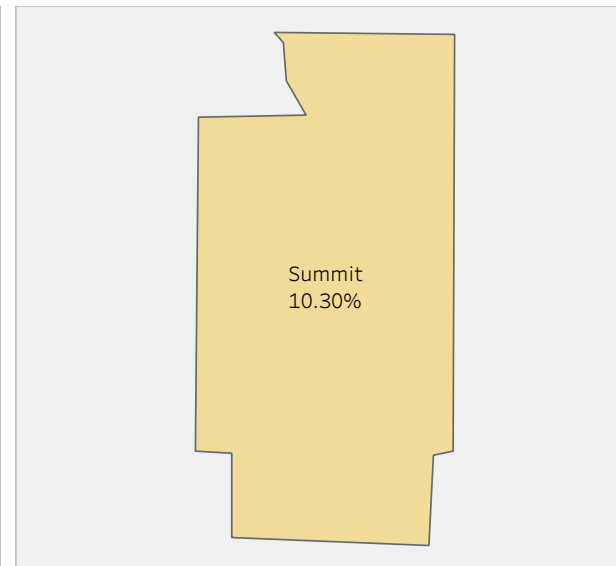
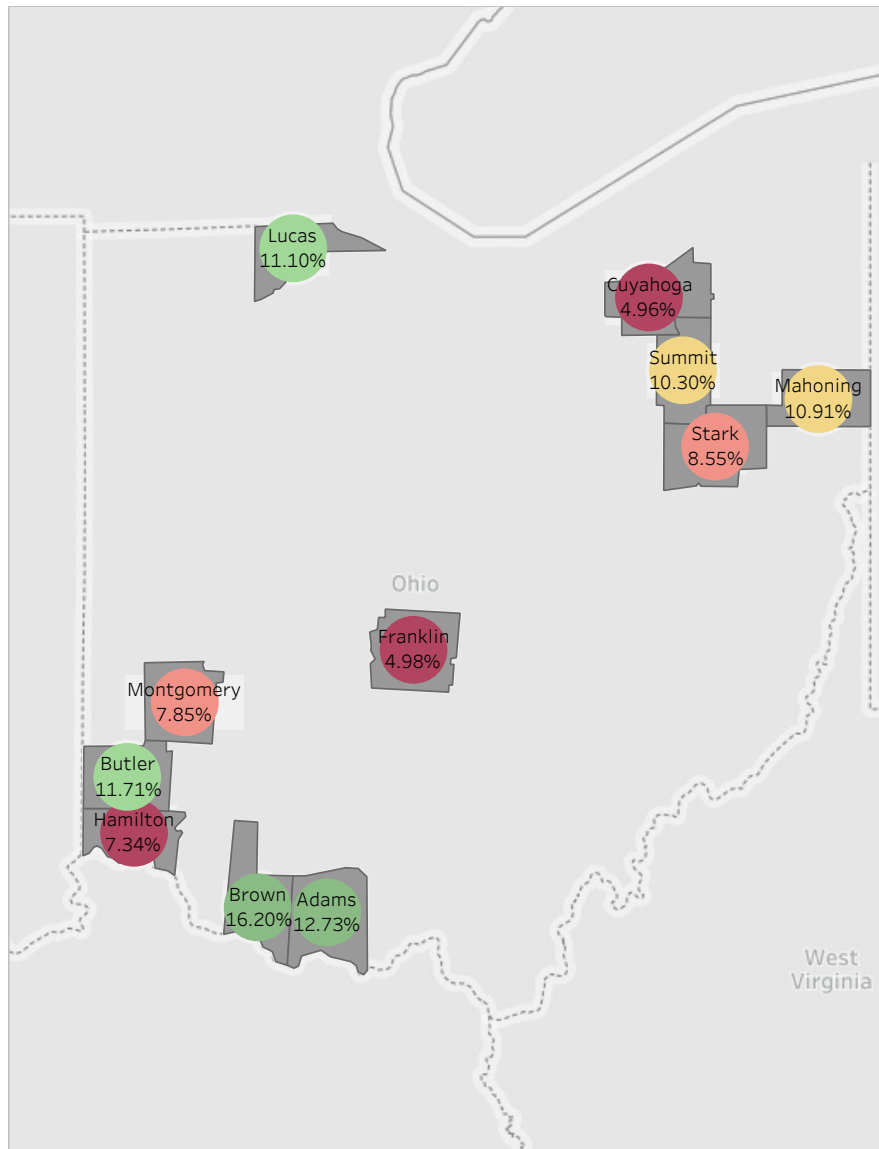


Montgomery



Summit County - Tobacco Screening & Cessation Counseling (%)

OEI Quintiles | CY 2015-2018

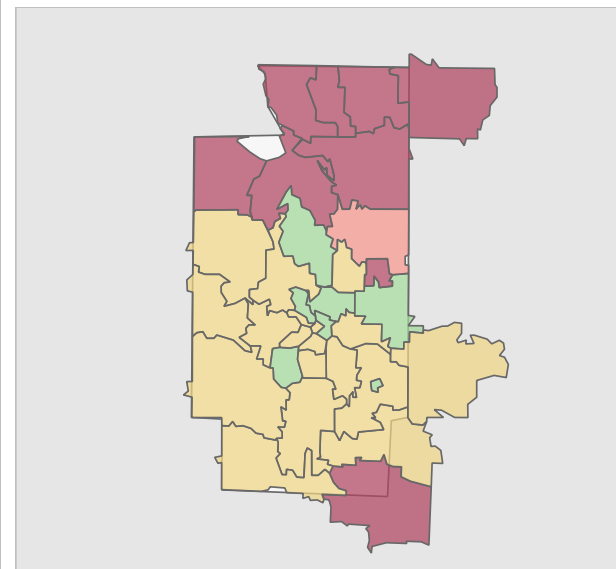


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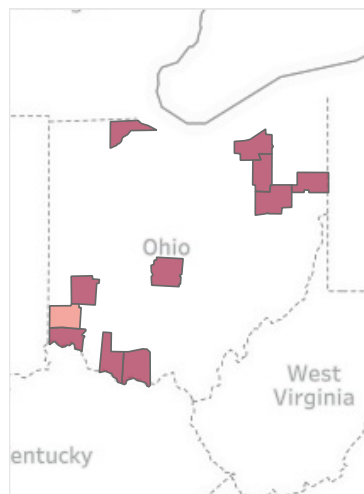
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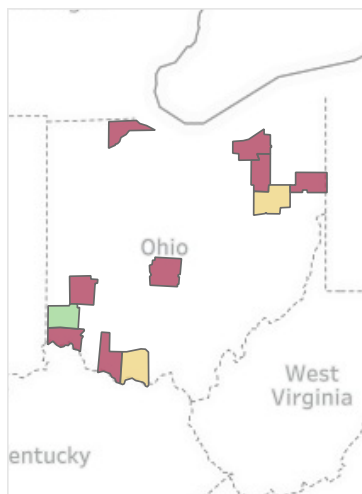
Summit County - Tobacco Screening & Cessation Counseling (%)

OEI Quintiles | CY 2015-2018 Yearly Comparison

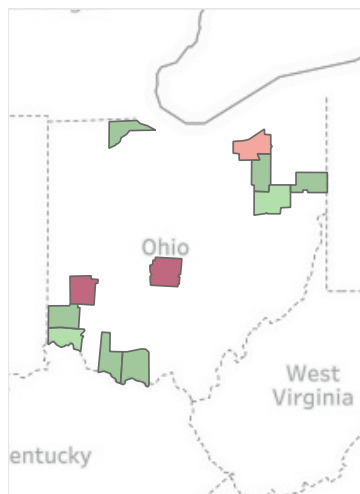
CY 2015



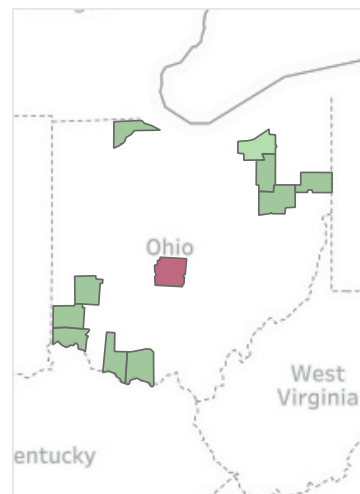
CY 2016



CY 2017



Q2 2018

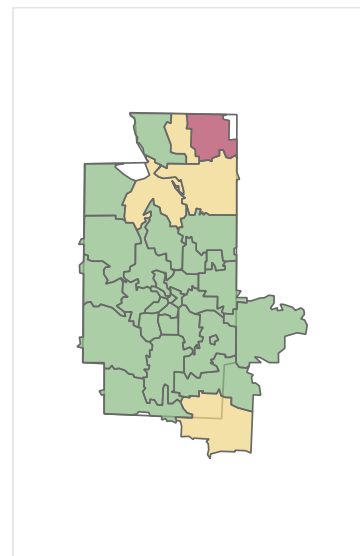
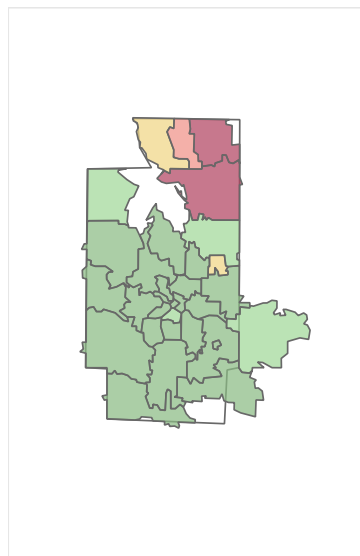
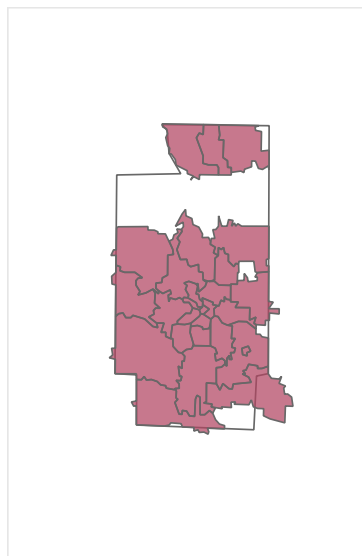
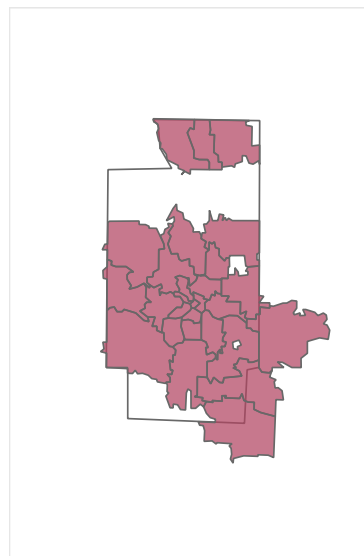


Map Measure Ranges

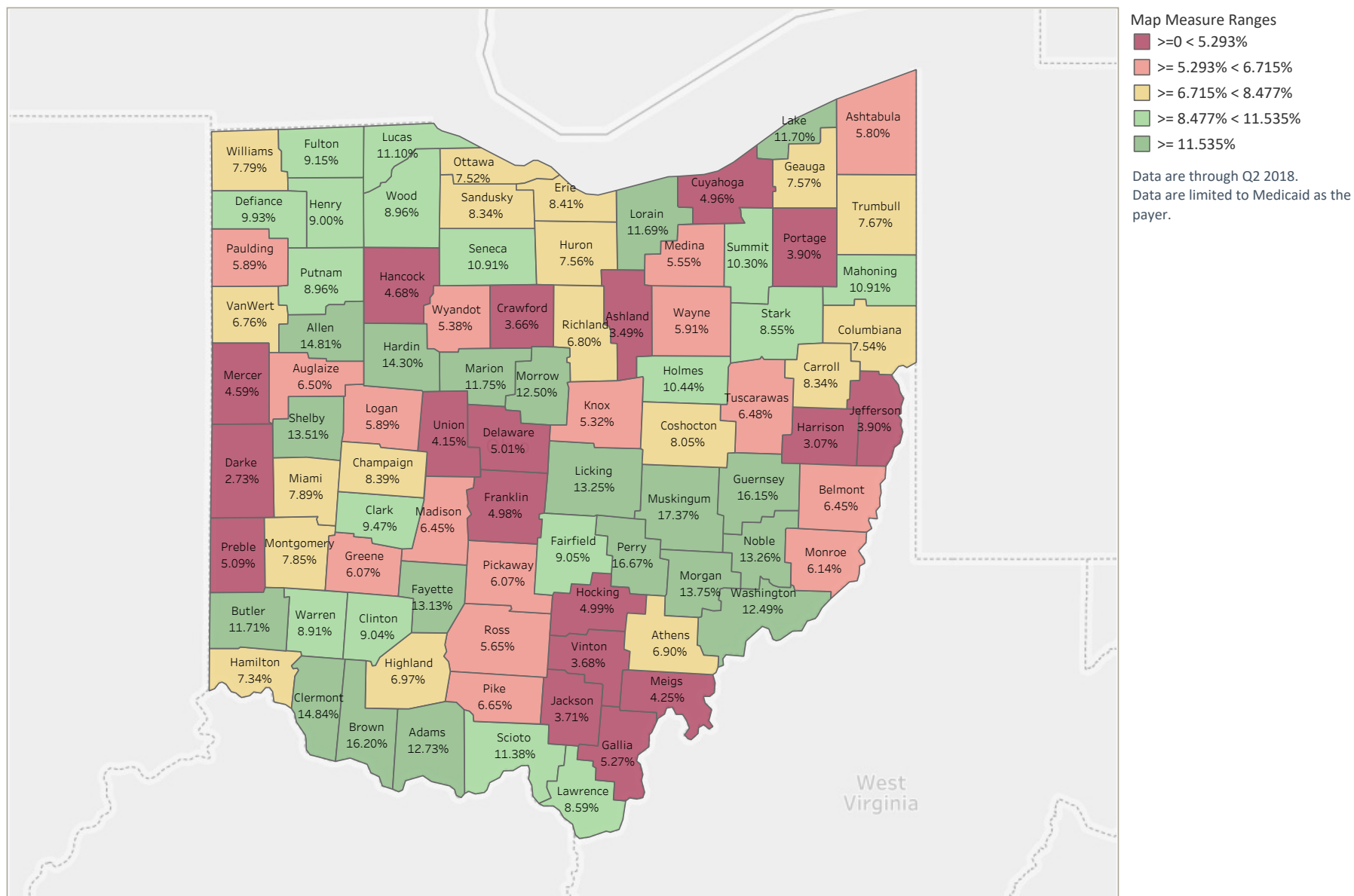
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Data are through Q2 2018.
Data are limited to Medicaid as the payer.



Statewide - Tobacco Screening & Cessation Counseling (%)
Overall Quintiles by County | CY 2015 - 2018





Yearly Trends by MCP - Tobacco Screening & Cessation Counseling (%) All OEI Counties | CY 2015-2018

Medicaid Plan

All Plans

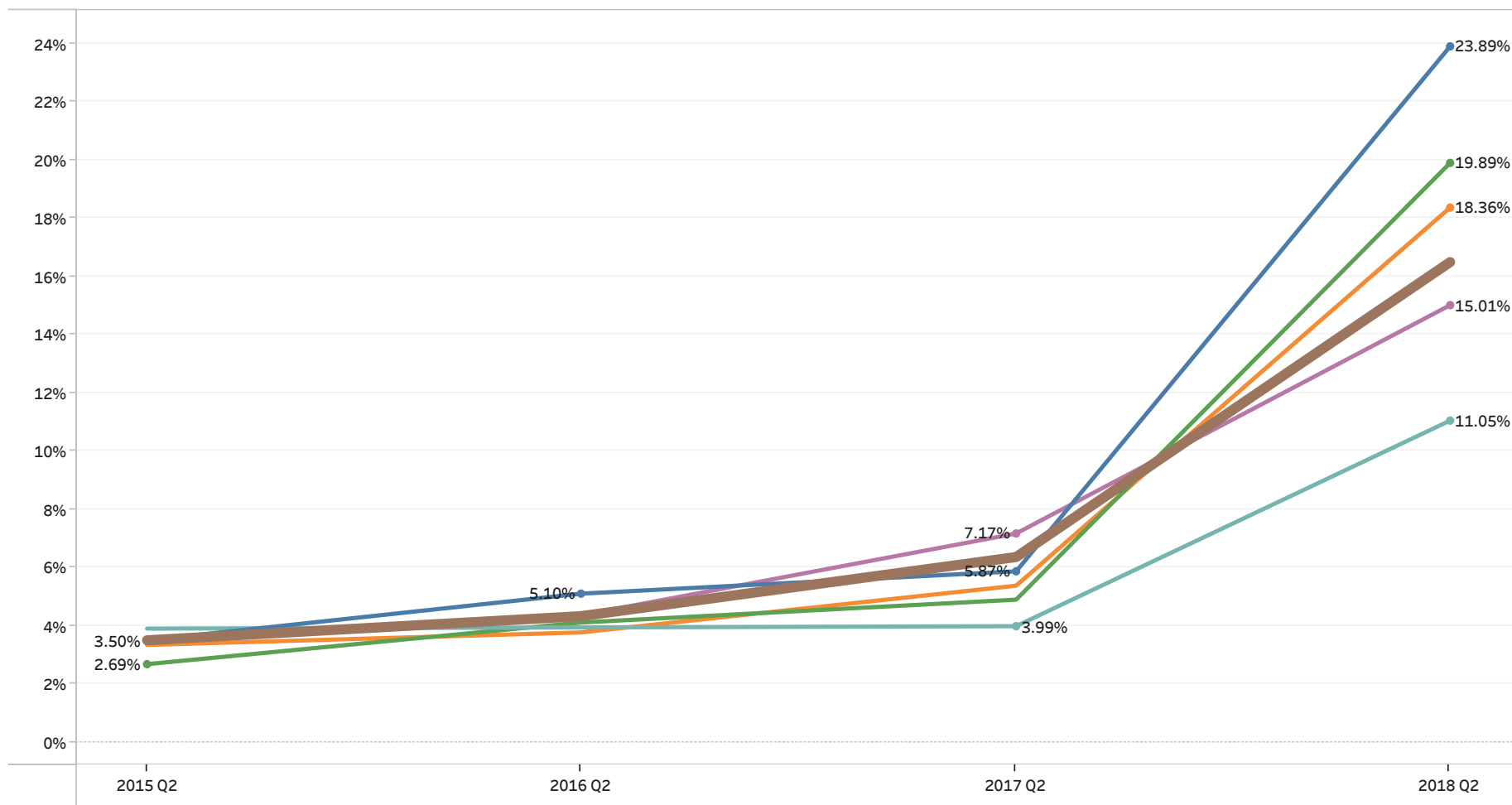
Buckeye

CareSource

Molina

Paramount

United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.



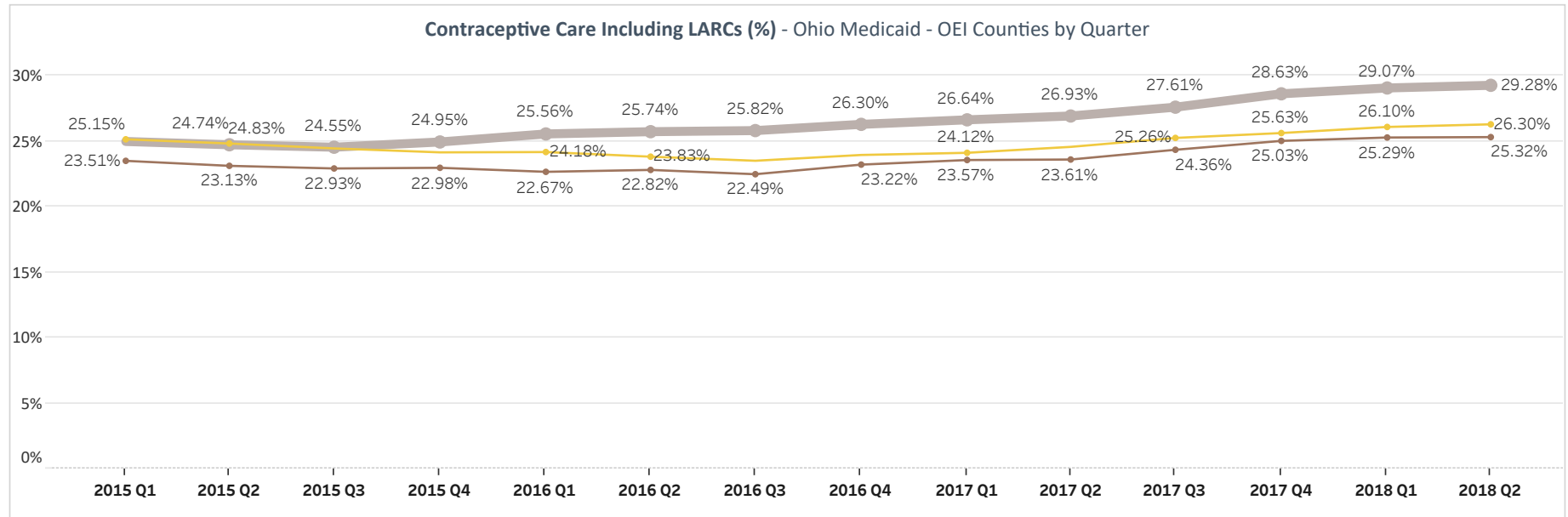
Contraceptive Care Including LARCs (%)

Summit, Lucas, Montgomery Counties - Contraceptive Care Including LARCs (%)

Trends by Quarter | CY 2015-2018

Counties

Lucas Montgomery Summit



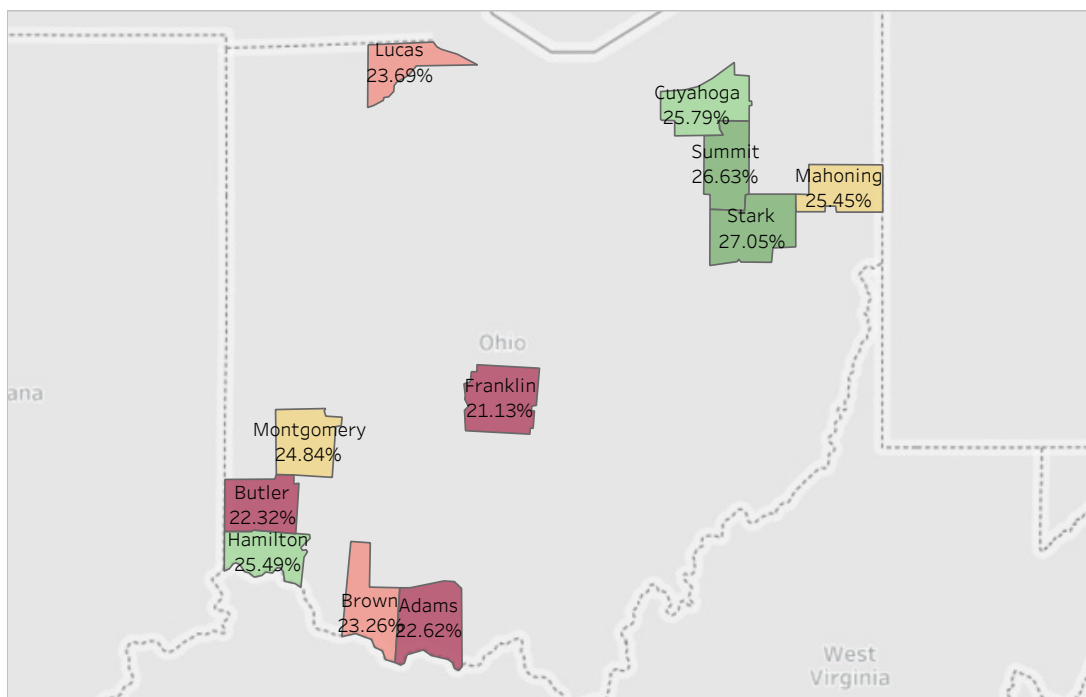
County	Contraceptive Care Including LARCs Aggregate Rate Q1 2015 - Q2 2018	Contraceptive Care Including LARCs Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	23.69%	25.32%	From 8594 to 8727 Women
Summit	26.63%	29.28%	From 8931 to 9064 Women
Montgomery	24.84%	26.30%	From 9208 to 9345 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 – Q2 2018) 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 Q2 2018. 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).



Summit, Lucas, Montgomery Counties - Contraceptive Care Including LARCs (%)

OEI County Quintiles | CY 2015-2018



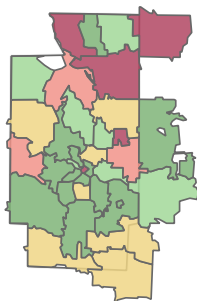
Map Measure Ranges

- $\geq 0 < 22.628\%$
- $\geq 22.628\% < 23.704\%$
- $\geq 23.704\% < 25.475\%$
- $\geq 25.475\% < 26.618\%$
- $\geq 26.618\%$

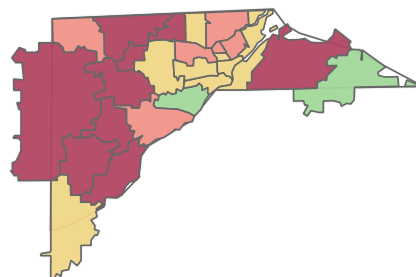
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Data are through Q2 2018.
Data are limited to Medicaid as the payer.

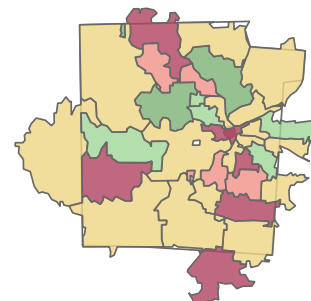
Summit



Lucas

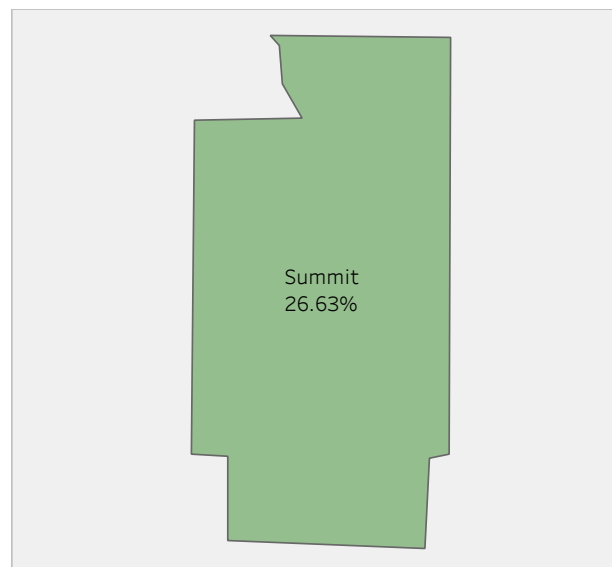
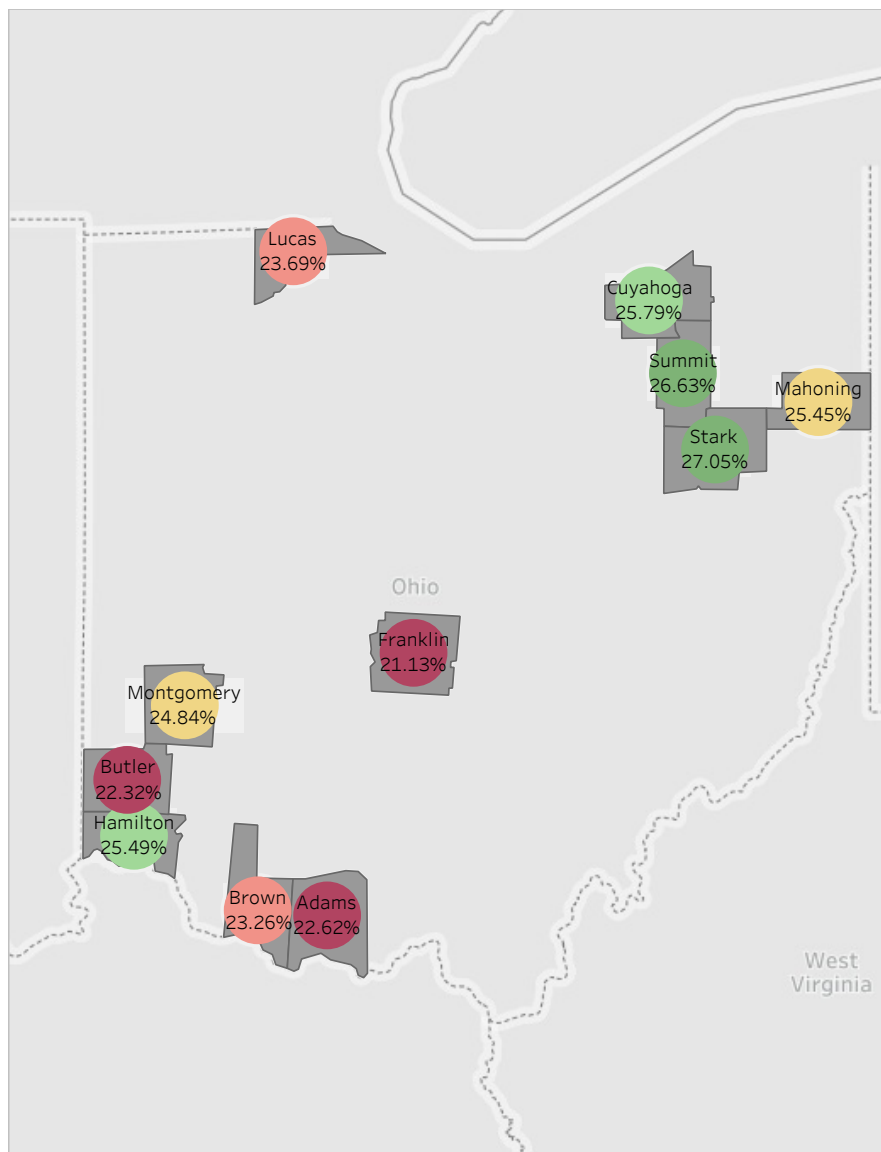


Montgomery



Summit County - Contraceptive Care Including LARCs (%)

OEI Quintiles | CY 2015-2018

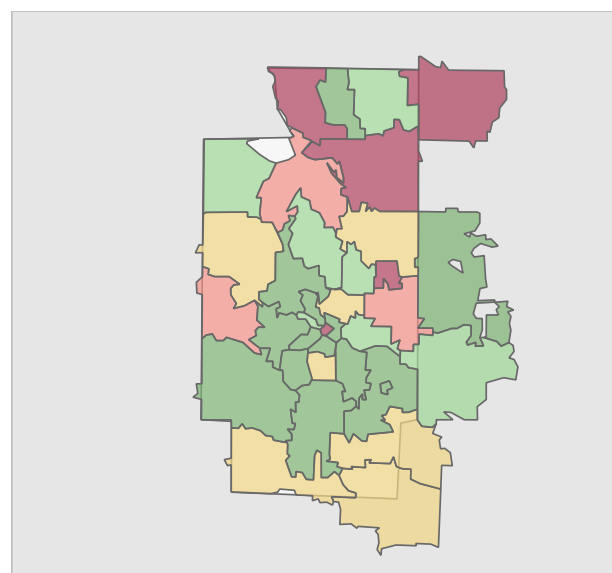


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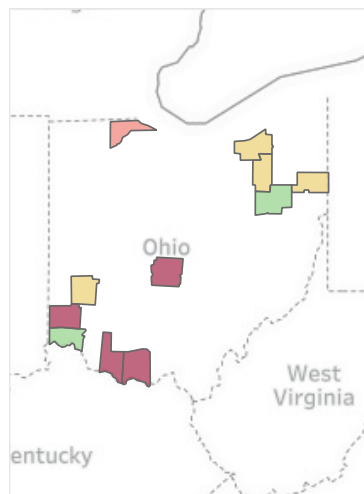
Data are through Q2 2018.
Data are limited to Medicaid as the payer.



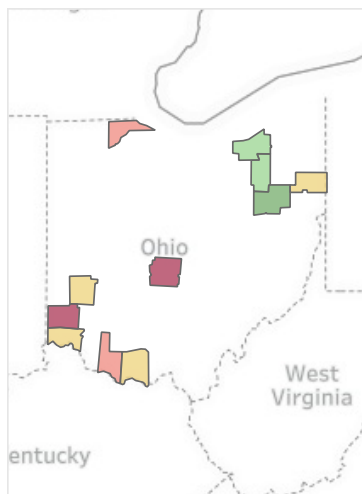
Summit County - Contraceptive Care Including LARCs (%)

OEI Quintiles | CY 2015-2018 Yearly Comparison

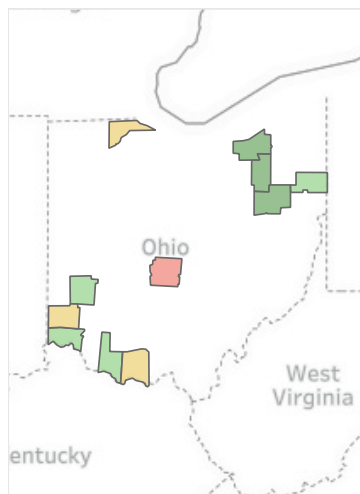
CY 2015



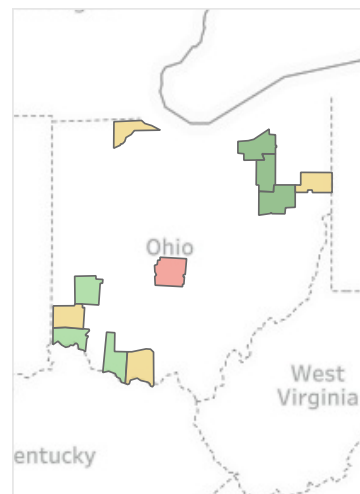
CY 2016



CY 2017



Q2 2018

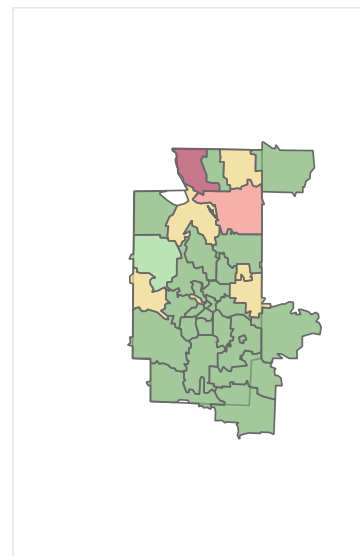
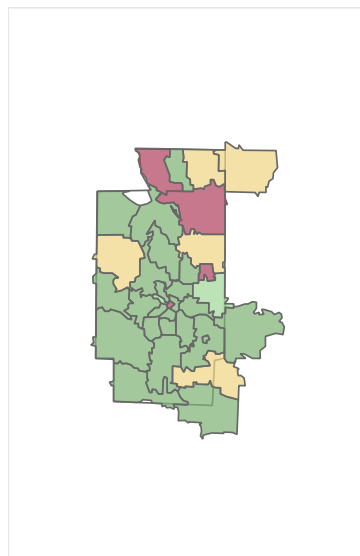
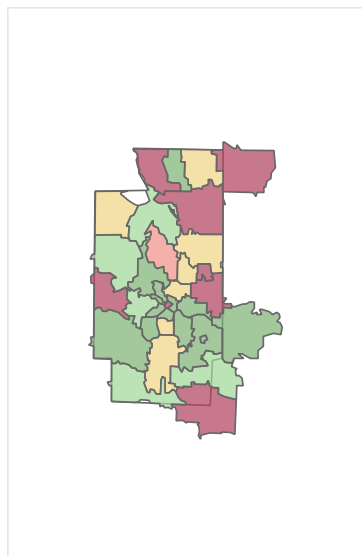
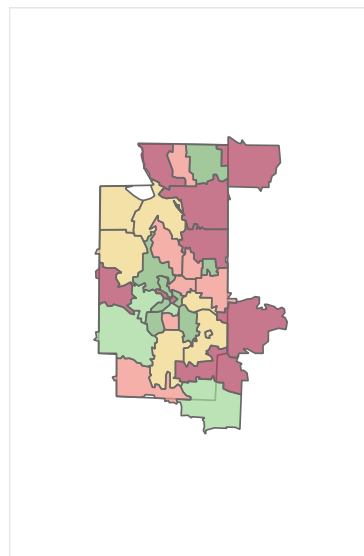


Map Measure Ranges

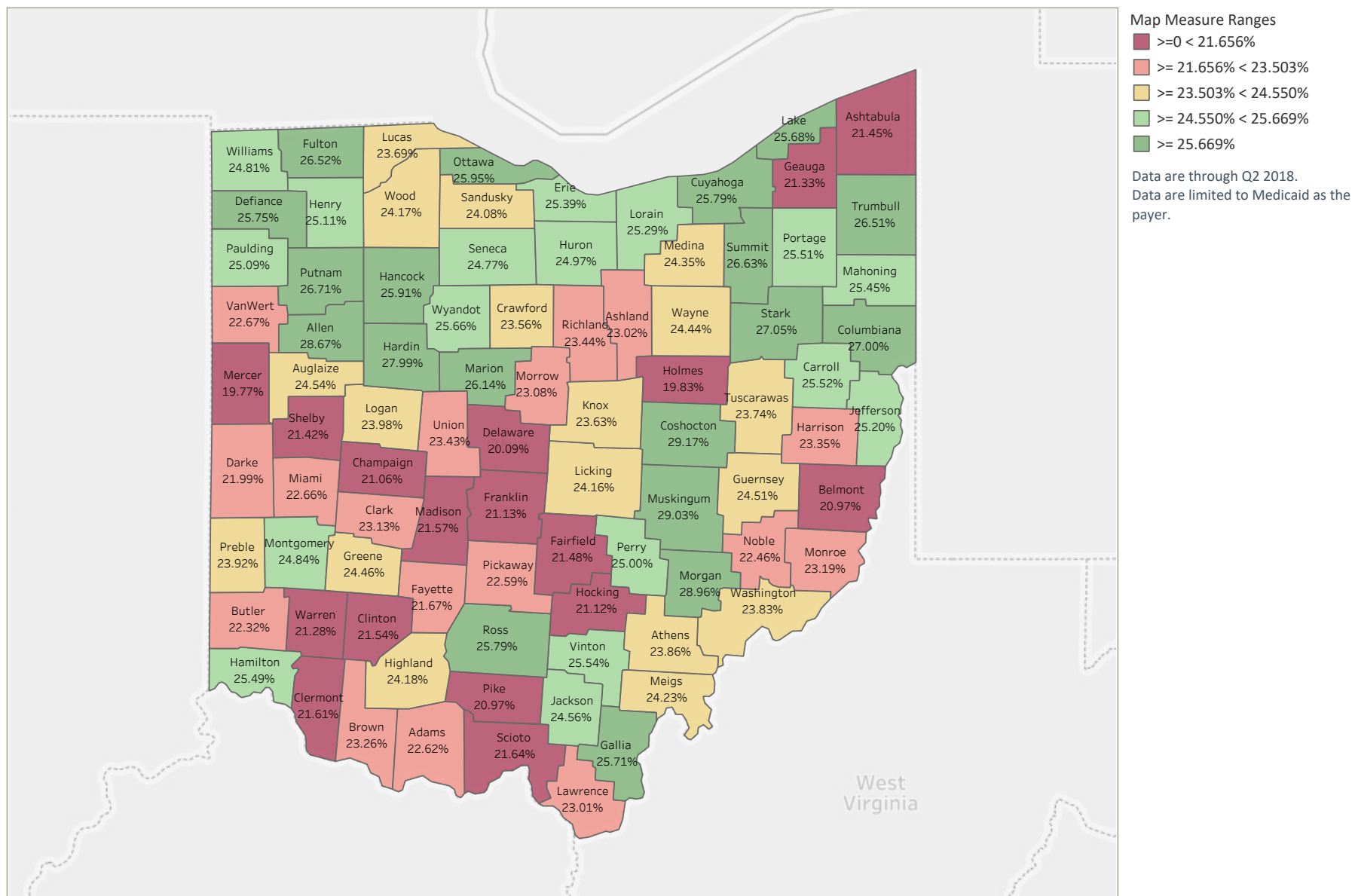
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Statewide - Contraceptive Care Including LARCs (%)
Overall Quintiles by County | CY 2015 - 2018





Yearly Trends by MCP - Contraceptive Care Including LARCs (%) All OEI Counties | CY 2015-2018

Medicaid Plan
All Plans

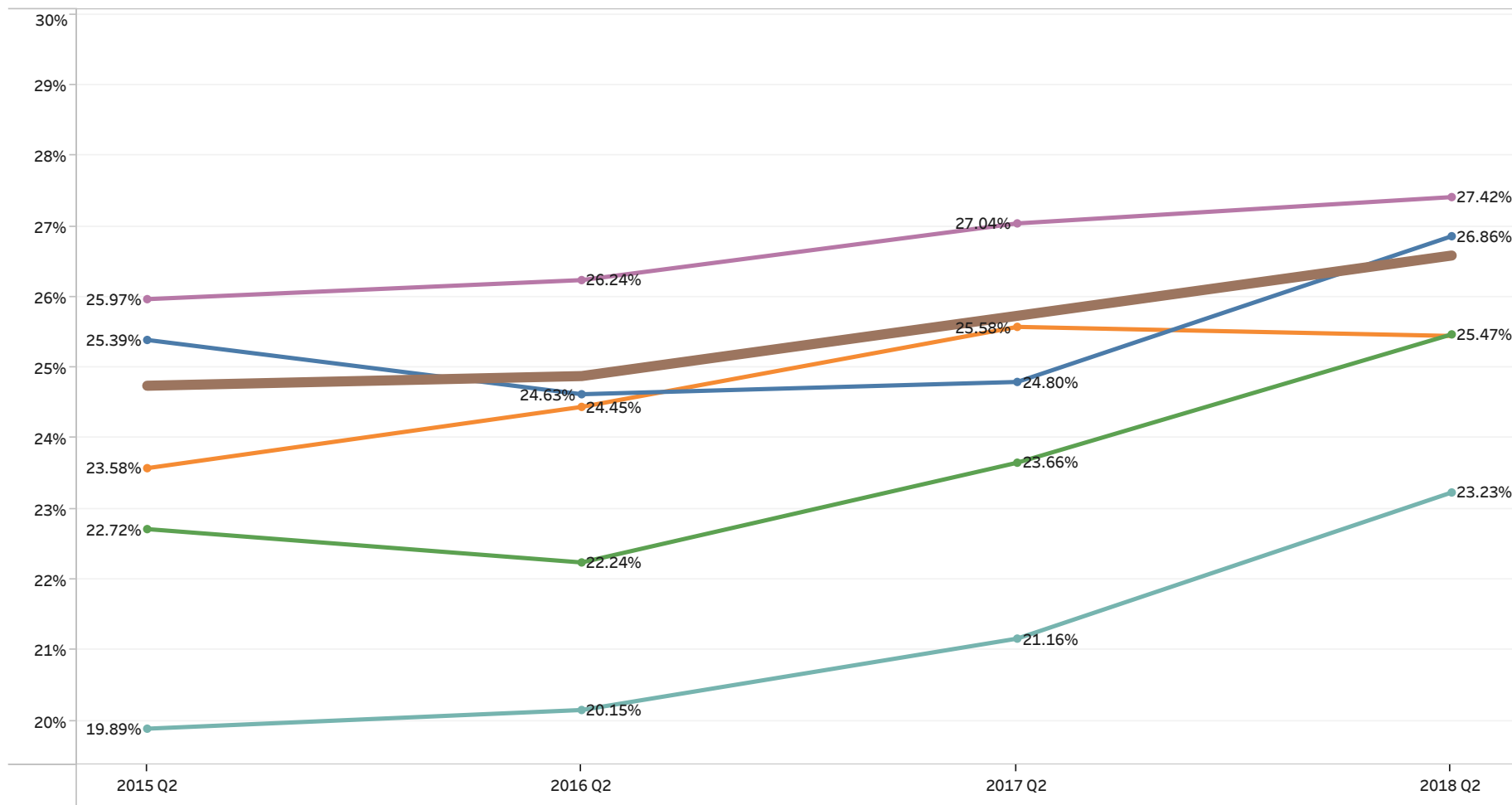
Buckeye

CareSource

Molina

Paramount

United



Data are through Q2 2018.

Data are limited to Medicaid as the payer.



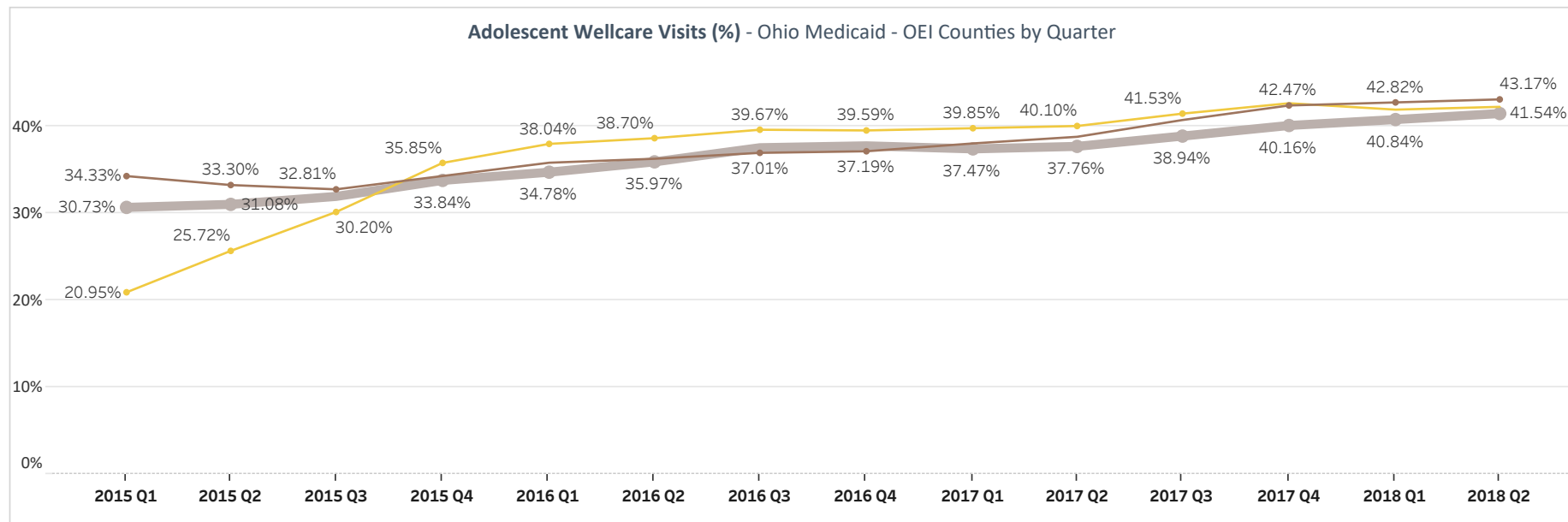
Adolescent Wellcare Visits (%)

Summit, Lucas, Montgomery Counties - Adolescent Wellcare Visits (%)

Trends by Quarter | CY 2015-2018

Counties

Lucas Montgomery Summit

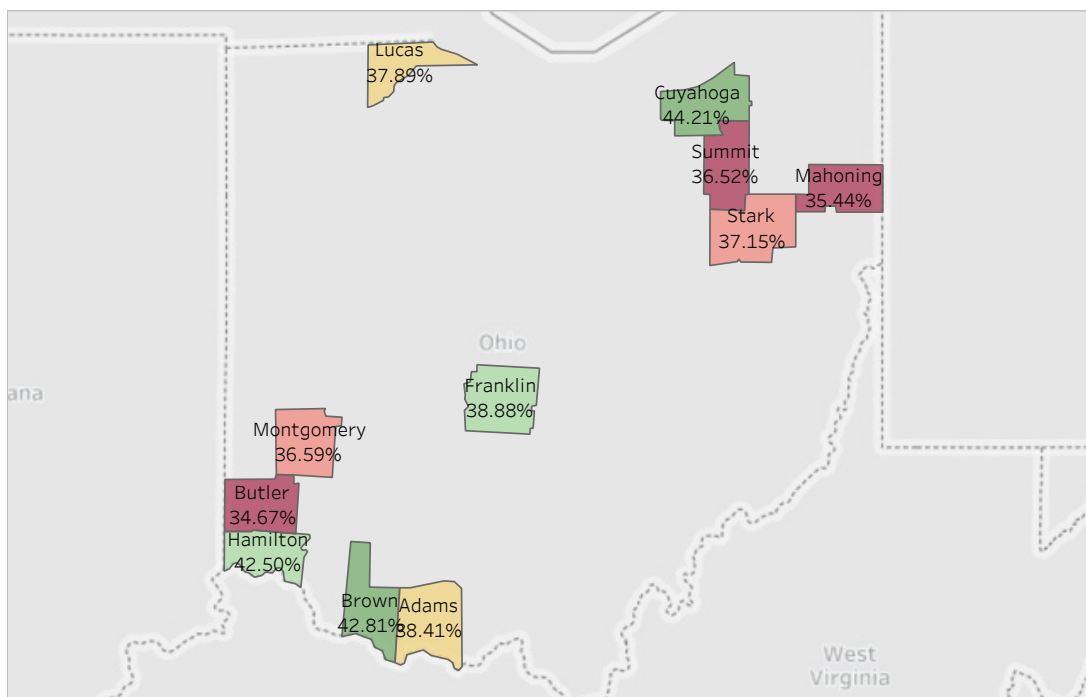


County	Adolescent Wellcare Visits Aggregate Rate Q1 2015 - Q2 2018	Adolescent Wellcare Visits Current Rate Q3 2017 - Q2 2018	Annual Target for Real Impact*
Lucas	37.89%	43.17%	From 5765 to 5863 Women
Summit	36.52%	41.54%	From 5316 to 5412 Women
Montgomery	36.59%	42.31%	From 6061 to 6163 Women

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 – Q2 2018) 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 Q2 2018. The calculation to determine the annual target therefore assumes an average size in the denominator for upcoming four quarters of data.

Summit, Lucas, Montgomery Counties - Adolescent Wellcare Visits (%)

OEI County Quintiles | CY 2015-2018



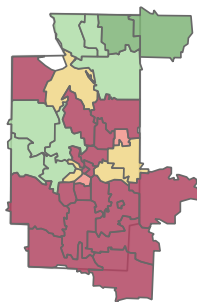
Map Measure Ranges

- $\geq 0 < 36.532\%$
- $\geq 36.532\% < 37.164\%$
- $\geq 37.164\% < 38.874\%$
- $\geq 38.874\% < 42.795\%$
- $\geq 42.795\%$

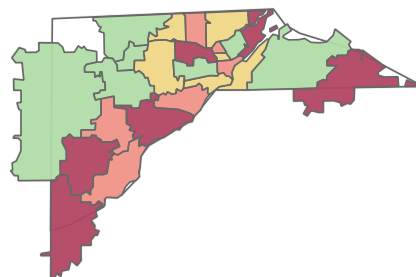
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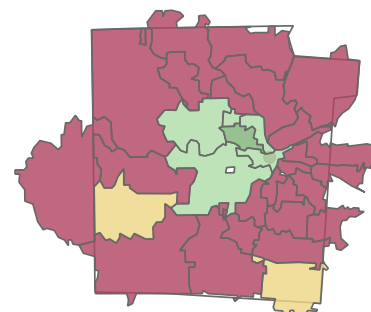
Summit



Lucas

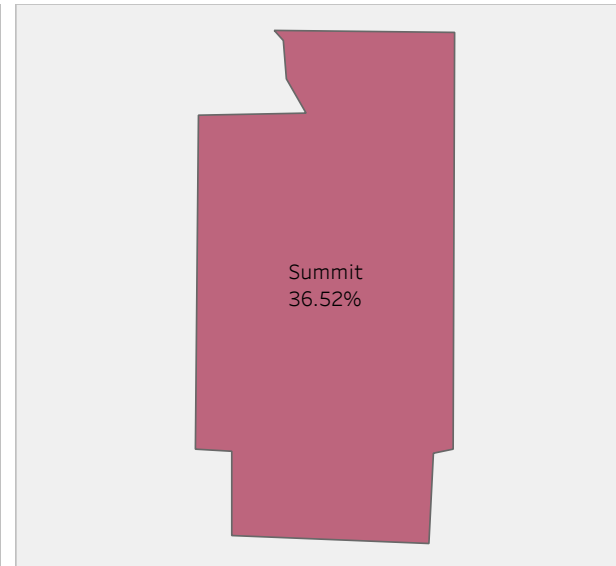
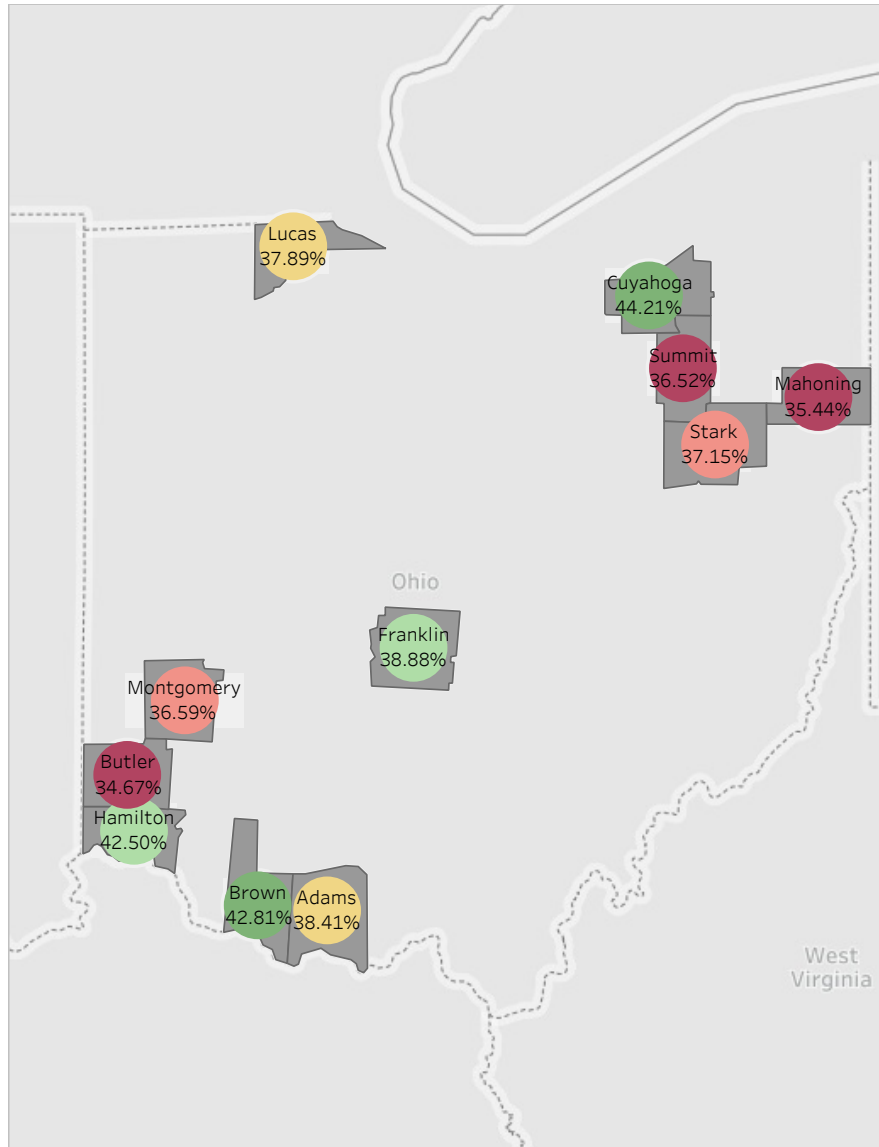


Montgomery



Summit County - Adolescent Wellcare Visits (%)

OEI Quintiles | CY 2015-2018

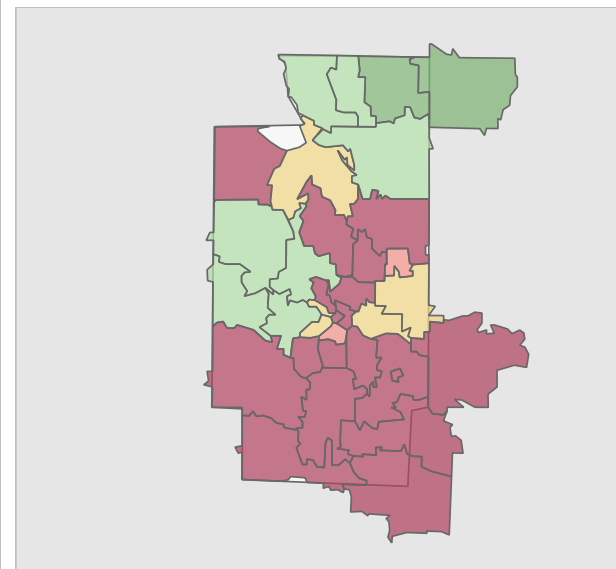


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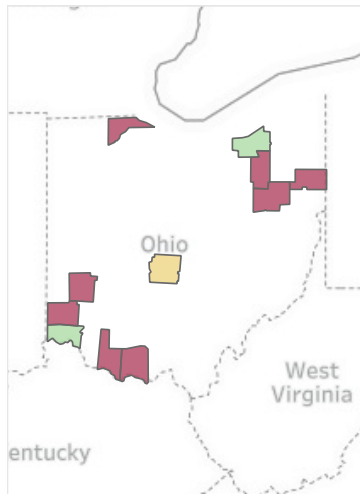
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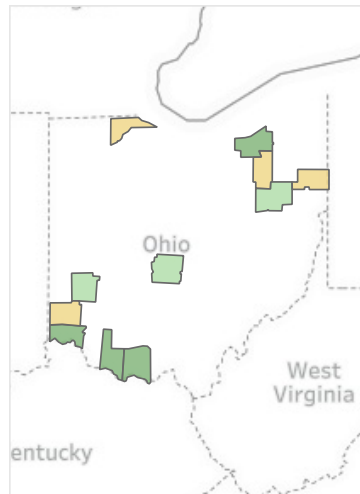
Summit County - Adolescent Wellcare Visits (%)

OEI Quintiles | CY 2015-2018 Yearly Comparison

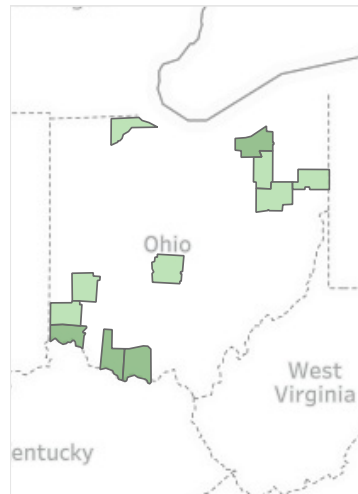
CY 2015



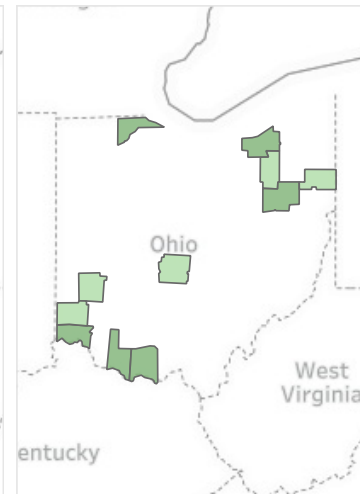
CY 2016



CY 2017



Q2 2018

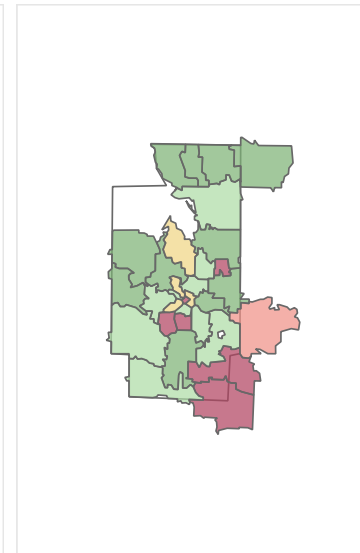
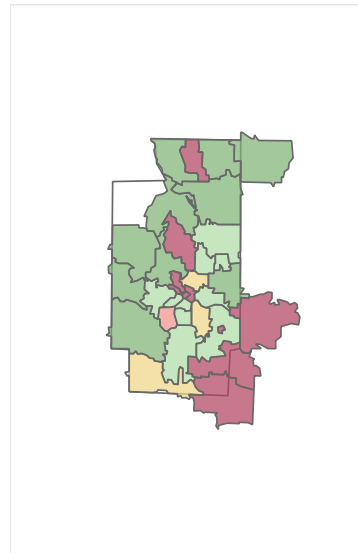
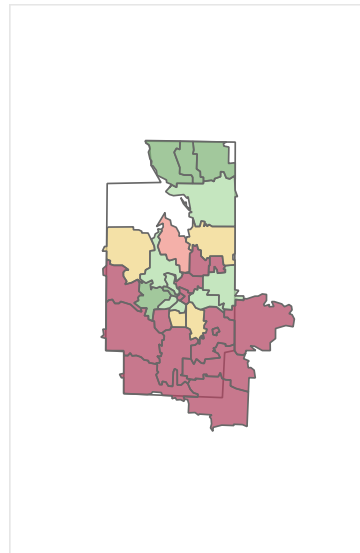
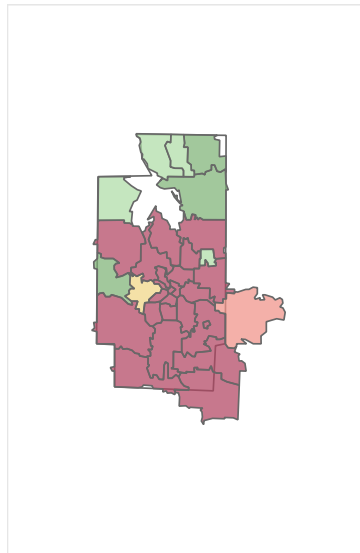


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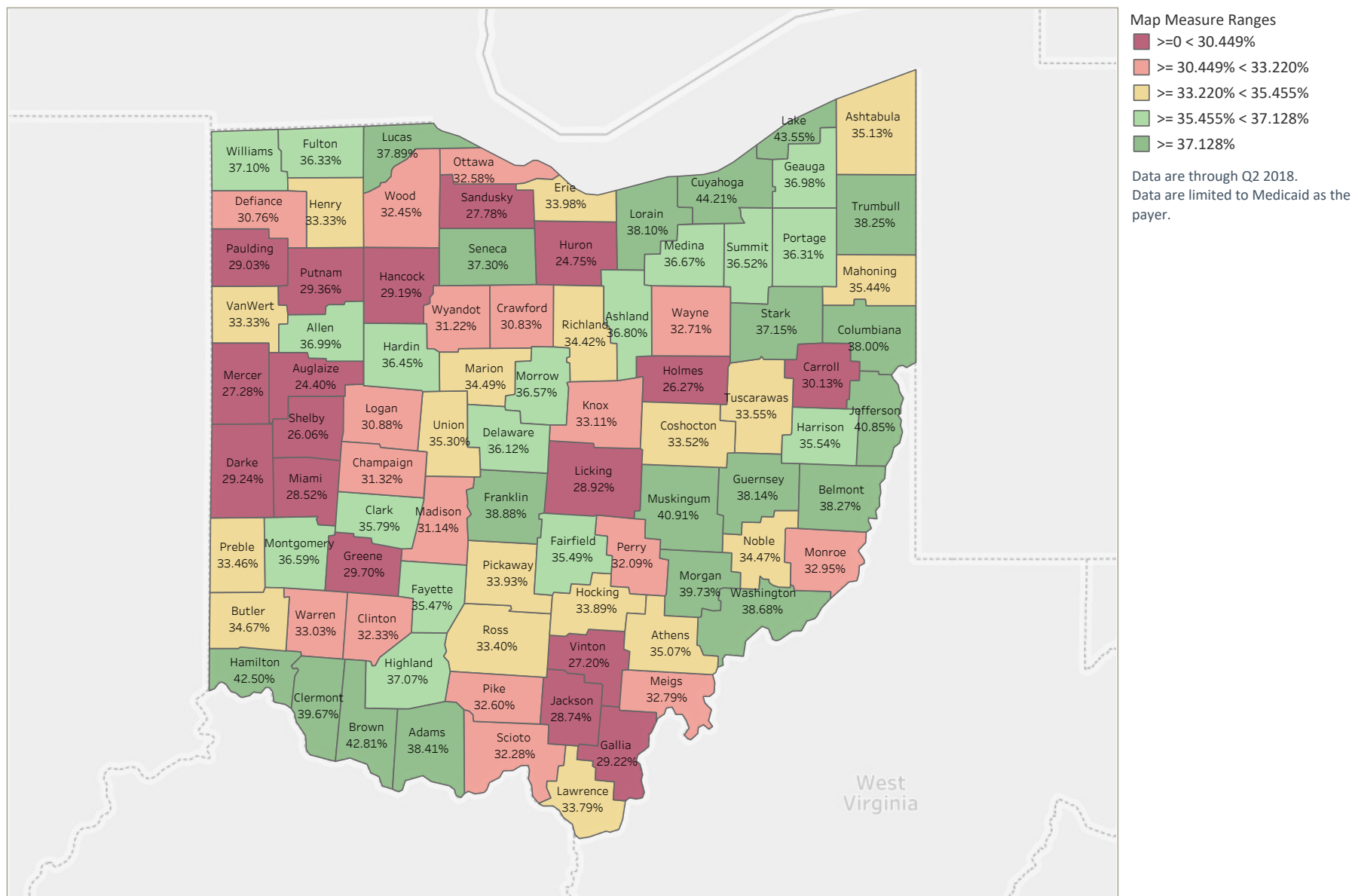
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Statewide - Adolescent Wellcare Visits (%)

Overall Quintiles by County | CY 2015 - 2018





Yearly Trends by MCP - Adolescent Wellcare Visits (%) All OEI Counties | CY 2015-2018

Medicaid Plan
All Plans

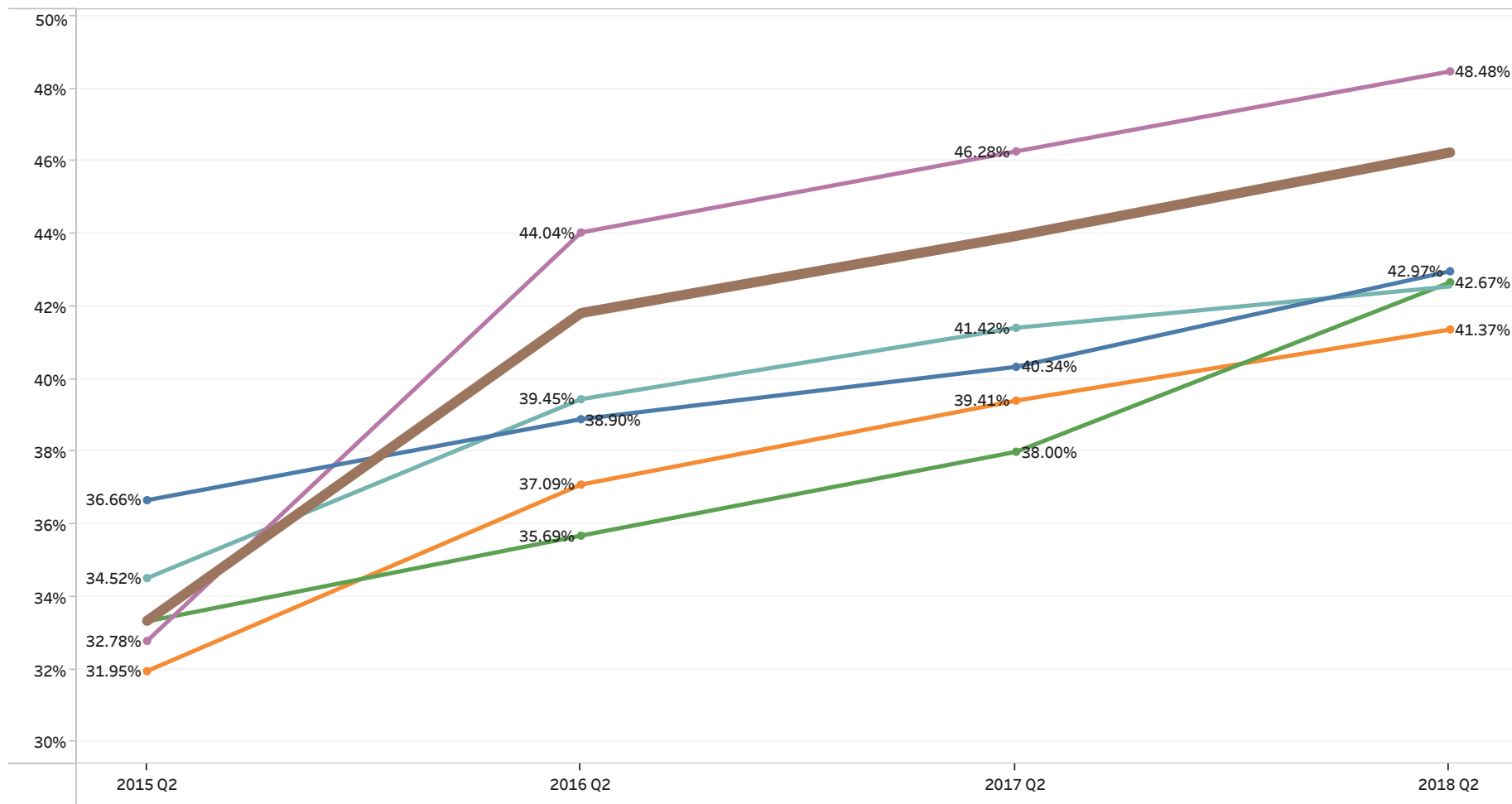
Buckeye

CareSource

Molina

Paramount

United



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