

2018 Medicaid Provider Rate Review Analysis Report

Appendix D – Service Grouping Data Books

Appendix D contains, for each service grouping, the following information:

- Top 15 procedures by total paid.
- Provider location maps.
- Additional access to care analysis information, including:
 - previously published access to care visuals and charts; and
 - detailed access to care metric bar charts and year over year change tables.

Appendix D does not contain any assertions or conclusions on the sufficiency of Medicaid rates to provide adequate access to care. Refer to Appendix B – Rate Comparison Analysis Methodology for a complete list of individual procedure codes reviewed in this report.



1. Data Book Instructions

For each service grouping (except dental services), Appendix D contains additional, detailed information regarding rate comparison and access to care analyses. For dental services, see Appendix E.

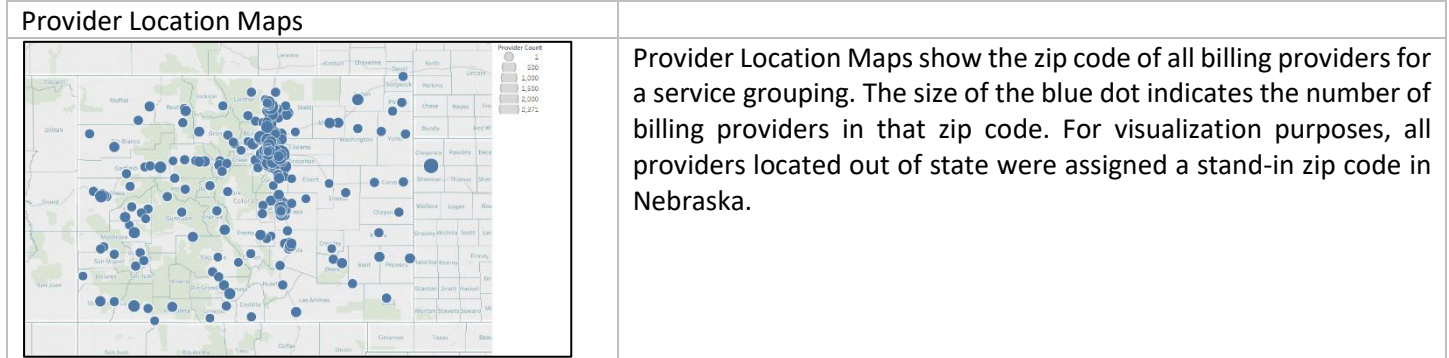
Top 15 Procedures by Total Paid

In January 2018, the Department published preliminary year three analyses that included top procedure codes by total paid. Presented here are updated analyses which incorporate Optumas' analyses.

Top 15 Procedures by Total Paid Table							
CO Rate Review Phase 3 Top 15 Procedure Code-Modifier Combinations by IBNR Adjusted Paid Dollars IBNR and Primary Care							
Procedure Code	Modifier #1	Modifier #2	IBNR Adjusted		Non-Facility		
			Allowed Units	Paid Dollars	CO 2-1-17 Rate	Benchmark Rate	Rate Ratio
99214	D	D	852,384	\$ 65,027,701	\$ 84.44	\$ 109.75	86.05%
99213	D	D	810,827	\$ 54,818,602	\$ 64.00	\$ 74.65	85.74%
99285	D	D	266,743	\$ 31,117,617	\$ 139.99	\$ 177.09	79.05%
99284	D	D	219,083	\$ 29,999,964	\$ 93.90	\$ 119.98	78.26%
99204	D	D	124,773	\$ 19,253,953	\$ 145.47	\$ 167.75	86.72%
99203	D	D	176,645	\$ 17,779,615	\$ 94.75	\$ 110.61	85.66%
99283	D	D	221,698	\$ 24,147,968	\$ 95.78	\$ 89.23	80.29%
99215	D	D	94,784	\$ 12,705,877	\$ 126.41	\$ 147.76	85.55%
99213	D	D	119,814	\$ 10,863,209	\$ 79.68	\$ 106.64	79.78%
99291	D	D	40,842	\$ 9,970,109	\$ 212.56	\$ 206.60	77.53%
99212	D	D	157,157	\$ 9,916,695	\$ 54.91	\$ 73.73	74.48%
99391	D	D	85,646	\$ 8,092,728	\$ 88.11	\$ 100.13	88.00%
99233	D	D	45,692	\$ 6,051,313	\$ 148.95	\$ 207.18	71.86%
99392	D	D	74,013	\$ 7,427,632	\$ 94.11	\$ 106.95	88.00%
99205	D	D	32,298	\$ 6,222,118	\$ 181.21	\$ 211.19	85.80%

The Top Procedures by Total Paid Table displays the top 15 codes, in descending order, by total expenditures (also referred to as total paid). This table includes: procedure code information; incurred but not reported (IBNR) adjusted allowed units and paid dollars; Colorado Medicaid rates; benchmark rates; and rate ratios. These tables were prepared by Optumas.

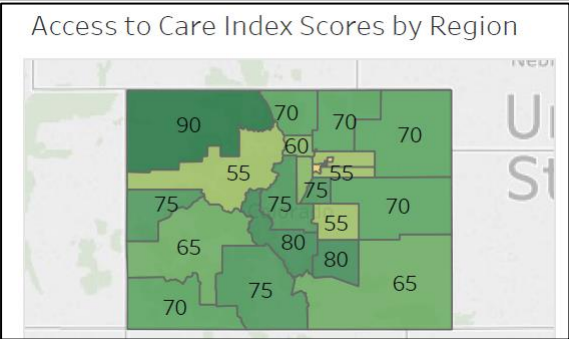
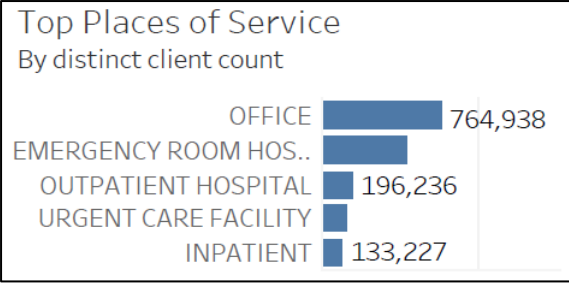
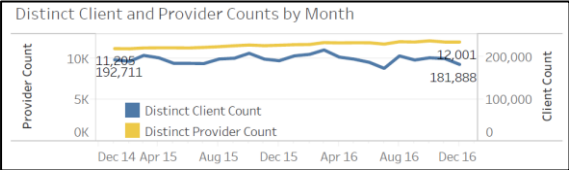
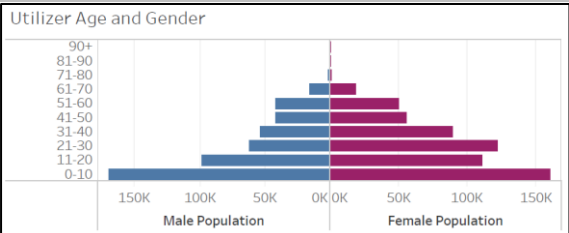
Provider Location Maps



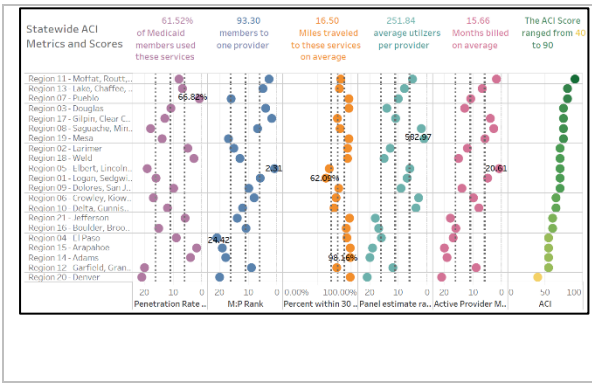
Additional Access to Care Analysis Information

Access to Care Visuals and Charts

In January 2018, the Department published preliminary year three analyses that included an Access to Care Index (ACI) map, top places of service bar chart, distinct client and provider counts by month chart, age and gender population pyramid, and an ACI dot plot. These graphics are reprinted in this appendix. More information regarding how to read visuals and charts is provided below:

<p>ACI Map</p>  <p>Access to Care Index Scores by Region</p>	<p>The ACI Map displays the ACI score for each health statistics region (region). In year two of the rate review process, the Department developed the ACI to standardize metrics and reach more meaningful conclusions. Metrics used for the ACI are: penetration rate; distance metric; Member-to-Provider ratio (M:P Ratio); active provider months; and panel estimate.</p>																																	
<p>Top Places of Service Bar Chart</p>  <p>Top Places of Service By distinct client count</p> <table border="1"> <thead> <tr> <th>Service Type</th> <th>Distinct Client Count</th> </tr> </thead> <tbody> <tr> <td>OFFICE</td> <td>764,938</td> </tr> <tr> <td>EMERGENCY ROOM HOS..</td> <td>196,236</td> </tr> <tr> <td>OUTPATIENT HOSPITAL</td> <td>196,236</td> </tr> <tr> <td>URGENT CARE FACILITY</td> <td>133,227</td> </tr> <tr> <td>INPATIENT</td> <td>133,227</td> </tr> </tbody> </table>	Service Type	Distinct Client Count	OFFICE	764,938	EMERGENCY ROOM HOS..	196,236	OUTPATIENT HOSPITAL	196,236	URGENT CARE FACILITY	133,227	INPATIENT	133,227	<p>The Top Places of Service Bar Chart displays the top five places of service.</p>																					
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<p>Distinct Client and Provider Counts by Month Chart</p>  <p>Distinct Client and Provider Counts by Month</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Distinct Client Count</th> <th>Distinct Provider Count</th> </tr> </thead> <tbody> <tr> <td>Dec 14</td> <td>11,205</td> <td>192,711</td> </tr> <tr> <td>Dec 15</td> <td>12,001</td> <td>181,888</td> </tr> </tbody> </table>	Month	Distinct Client Count	Distinct Provider Count	Dec 14	11,205	192,711	Dec 15	12,001	181,888	<p>The Distinct Client and Provider Counts by Month Chart displays changes in the number of providers actively providing services, and the number of distinct clients utilizing services.</p>																								
Month	Distinct Client Count	Distinct Provider Count																																
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<p>Age and Gender Population Pyramid</p>  <p>Utilizer Age and Gender</p> <table border="1"> <thead> <tr> <th>Age Group</th> <th>Male Population</th> <th>Female Population</th> </tr> </thead> <tbody> <tr> <td>90+</td> <td>~10K</td> <td>~10K</td> </tr> <tr> <td>81-90</td> <td>~20K</td> <td>~20K</td> </tr> <tr> <td>71-80</td> <td>~30K</td> <td>~30K</td> </tr> <tr> <td>61-70</td> <td>~40K</td> <td>~40K</td> </tr> <tr> <td>51-60</td> <td>~50K</td> <td>~50K</td> </tr> <tr> <td>41-50</td> <td>~60K</td> <td>~60K</td> </tr> <tr> <td>31-40</td> <td>~70K</td> <td>~70K</td> </tr> <tr> <td>21-30</td> <td>~80K</td> <td>~80K</td> </tr> <tr> <td>11-20</td> <td>~90K</td> <td>~90K</td> </tr> <tr> <td>0-10</td> <td>~100K</td> <td>~100K</td> </tr> </tbody> </table>	Age Group	Male Population	Female Population	90+	~10K	~10K	81-90	~20K	~20K	71-80	~30K	~30K	61-70	~40K	~40K	51-60	~50K	~50K	41-50	~60K	~60K	31-40	~70K	~70K	21-30	~80K	~80K	11-20	~90K	~90K	0-10	~100K	~100K	<p>The Age and Gender Population Pyramid displays the age and gender of clients utilizing services.</p>
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<p>ACI Dot Plot</p>																																		





The ACI Dot Plot provides ACI score information for each metric within each region. Metrics are displayed in columns and each circle represents the rank of the region for each metric, except the distance metric. For the distance metric, points are distributed based on the percent of utilizers who traveled within 30 miles. For each ACI metric, points are awarded to each region based on quartiles: regions in the top quartile receive 20 points, regions in the second quartile receive 15 points, while regions in the third quartile receive 10 points, and those in the bottom quartile receive 5. Quartiles are outlined with dotted vertical lines. Resulting ACI scores are presented in the far-right column.

Detailed Access to Care Index Metric Information

This section contains bar charts and tables for each Access to Care Index (ACI) metric:

Bar Chart

Bar Charts display different information for each of the five metrics, as outlined below.

Year Over Year Change Tables

Evaluation & Management and Primary Care - Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	41.02%	41.21%	0.19%	Region 12	38.53%	37.39%	-1.14%
Region 2	46.52%	46.66%	0.14%	Region 13	44.04%	45.36%	1.32%
Region 3	42.14%	43.55%	1.41%	Region 14	46.61%	47.14%	0.53%
Region 4	42.60%	45.88%	3.28%	Region 15	47.43%	47.34%	-0.09%
Region 5	38.38%	39.17%	0.80%	Region 16	41.04%	41.69%	0.65%
Region 6	40.24%	40.59%	0.35%	Region 17	40.50%	41.41%	0.92%
Region 7	51.23%	52.79%	1.56%	Region 18	45.97%	48.05%	2.18%
Region 8	39.06%	39.26%	0.20%	Region 19	40.34%	42.06%	1.72%
Region 9	42.89%	44.16%	1.27%	Region 20	38.35%	38.68%	0.33%
Region 10	43.00%	43.28%	0.28%	Region 21	45.43%	45.63%	0.19%
Region 11	43.51%	44.68%	1.17%				

Tables show the year over year (YOY) change for each region, for each of the five metrics, as outlined below.

For bar charts and year over year change tables, the following information is displayed:

- **Penetration Rate** - The bar chart shows the 21 Health Statistics Regions' penetration rate (the percent of the full-time equivalent (FTE) clients who utilized the service); the statewide average (dark black line); and the one standard deviation threshold (gray shaded area). Columns that appear in blue meet the threshold, those in red are below the threshold. The table displays the year over year change in penetration rate by region. For maternity services, this metric measures the prenatal care rate.
- **Member-to-Provider Ratio** - The bar chart shows the 21 Health Statistics Regions' Member-to-Provider ratios (the ratios of FTE clients compared to active rendering providers); the statewide average (dark black line) and the one standard deviation threshold (gray shaded area). Columns that appear in blue meet the threshold; those in red are above the threshold. The table displays the year over year change in the member-to-provider ratio by region.
- **Distance Metric** - The bar chart shows the 21 Health Statistics Regions' distance metric (the percent of utilizers that traveled within 30 miles to receive the service); the statewide average (dark black line); and the one standard deviation threshold (gray shaded area). Columns that appear in blue meet the threshold, those in red are above the threshold. The table displays year over year changes in the distance metric by region.
- **Active Provider Months** - The bar chart shows the 21 Health Statistics Regions' average number of active provider months (the average number of months that rendering providers billed Medicaid over the course of 24-months); the statewide average (dark black line); and the one standard deviation threshold (gray shaded area). Columns that appear in blue meet the threshold, those in red are below the threshold. All information provided



is based on clients' region of residence and the providers those clients received services from, not the provider location.

- Panel Size - The bar chart shows the 21 Health Statistics Regions' average panel size (the average number of clients seen per rendering provider); the statewide average (dark black line) and the one standard deviation threshold (gray shaded area). Columns that appear in blue meet the threshold, those in red are below the threshold. All information provided is based on client region of residence and the providers those clients received services from, not the provider location.

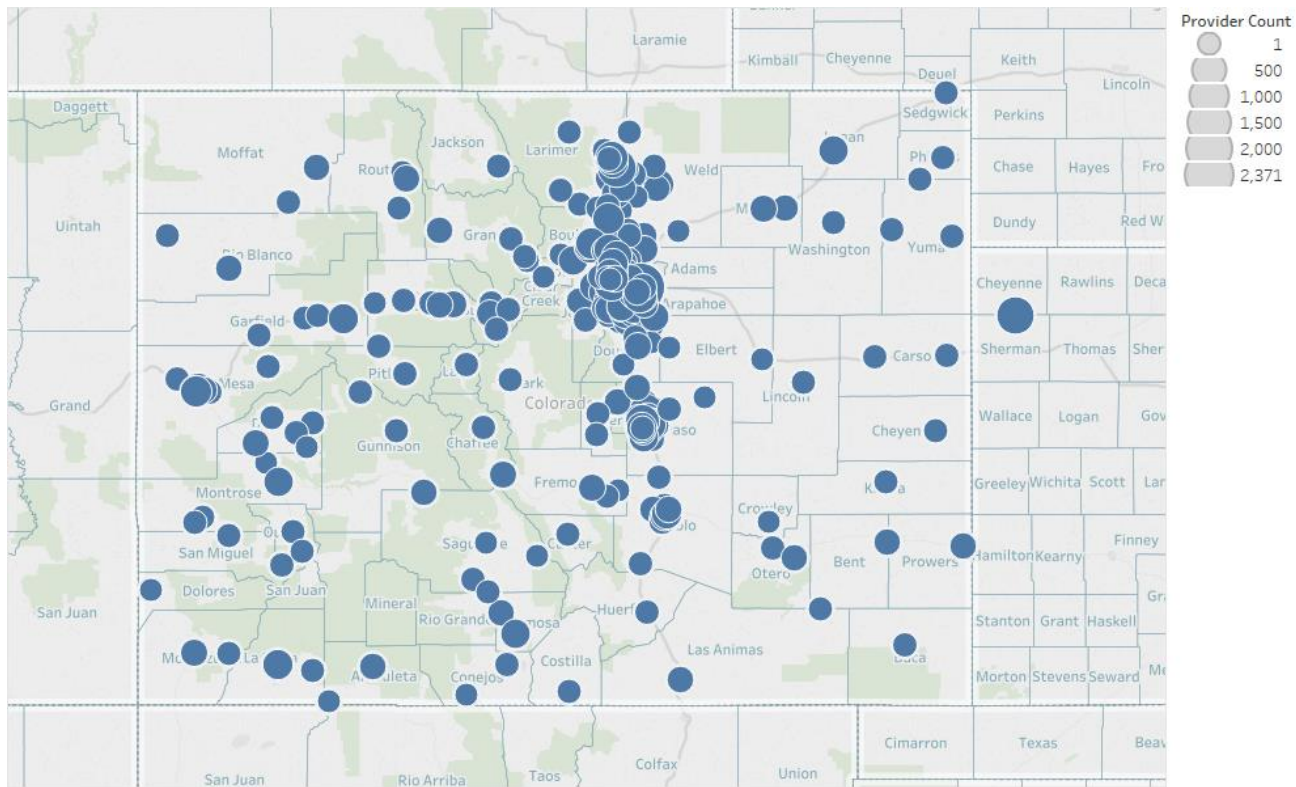


Evaluation & Management and Primary Care

Top 15 Procedures by Total Paid

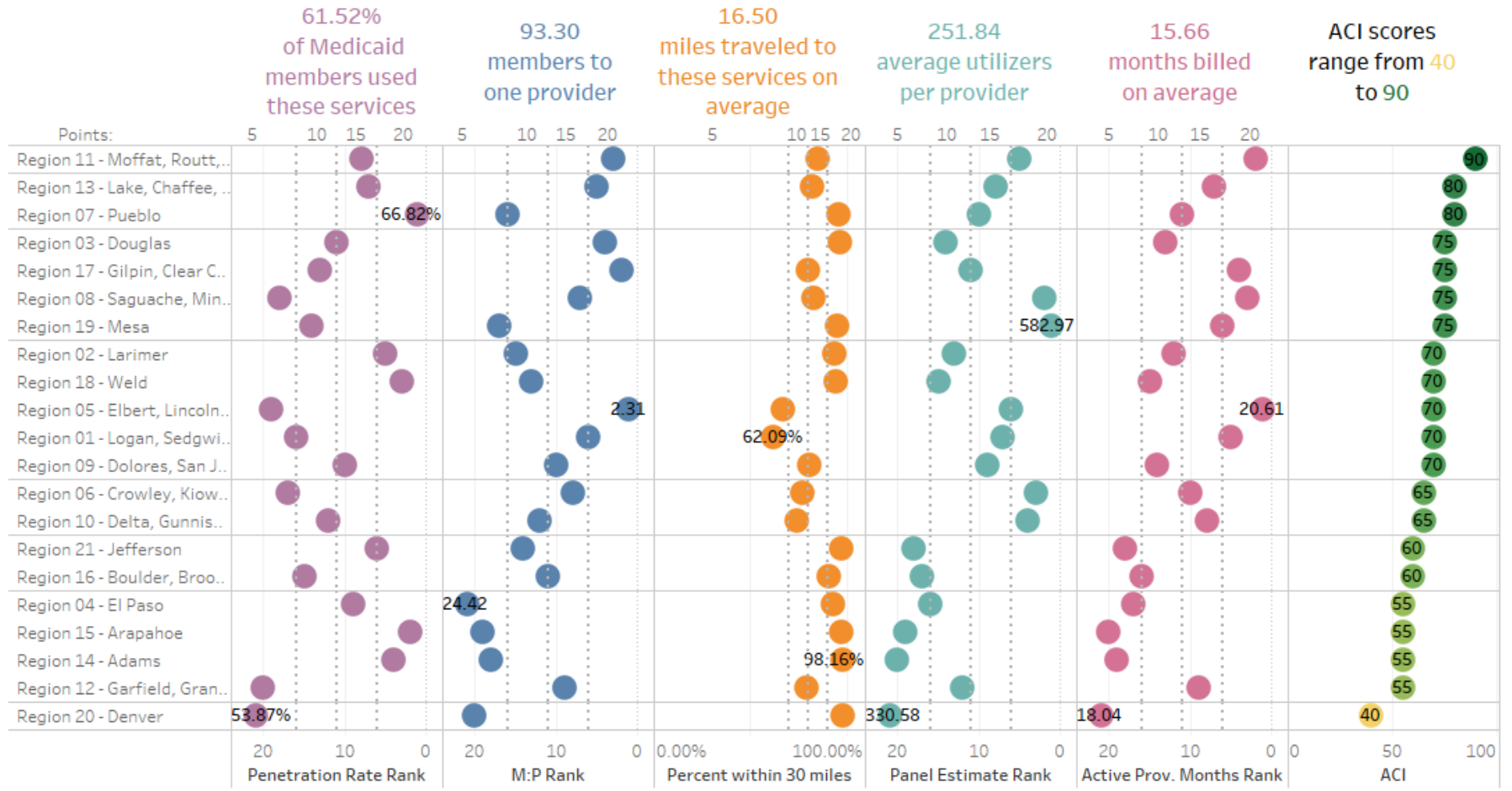
Evaluation & Management and Primary Care			IBNR Adjusted			Non-Facility	
Procedure Code	Modifier #1	Modifier #2	Allowed Units	Paid Dollars	CO 7-1-17 Rate	Benchmark Rate	Rate Ratio
99214	0	0	652,384	\$ 65,027,701	\$ 94.44	\$ 109.75	86.05%
99213	0	0	810,827	\$ 54,618,602	\$ 64.00	\$ 74.65	85.74%
99285	0	0	206,743	\$ 32,127,637	\$ 139.99	\$ 177.09	79.05%
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99203	0	0	176,645	\$ 17,773,615	\$ 94.75	\$ 110.61	85.66%
99283	0	0	251,698	\$ 14,137,988	\$ 50.78	\$ 63.25	80.29%
99215	0	0	94,784	\$ 12,705,877	\$ 126.41	\$ 147.76	85.55%
99233	0	0	119,614	\$ 10,863,208	\$ 78.68	\$ 106.64	73.78%
99291	0	0	40,842	\$ 9,970,389	\$ 217.56	\$ 280.60	77.53%
99232	0	0	157,197	\$ 9,936,695	\$ 54.91	\$ 73.73	74.48%
99391	0	0	85,646	\$ 8,062,728	\$ 88.11	\$ 100.13	88.00%
99223	0	0	45,692	\$ 8,051,313	\$ 148.95	\$ 207.18	71.89%
99392	0	0	74,013	\$ 7,427,632	\$ 94.11	\$ 106.95	88.00%
99205	0	0	32,298	\$ 6,222,138	\$ 181.21	\$ 211.19	85.80%

Provider Location Map



ACI Metric Performance and Score Calculation - Primary Care/ E&M

How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



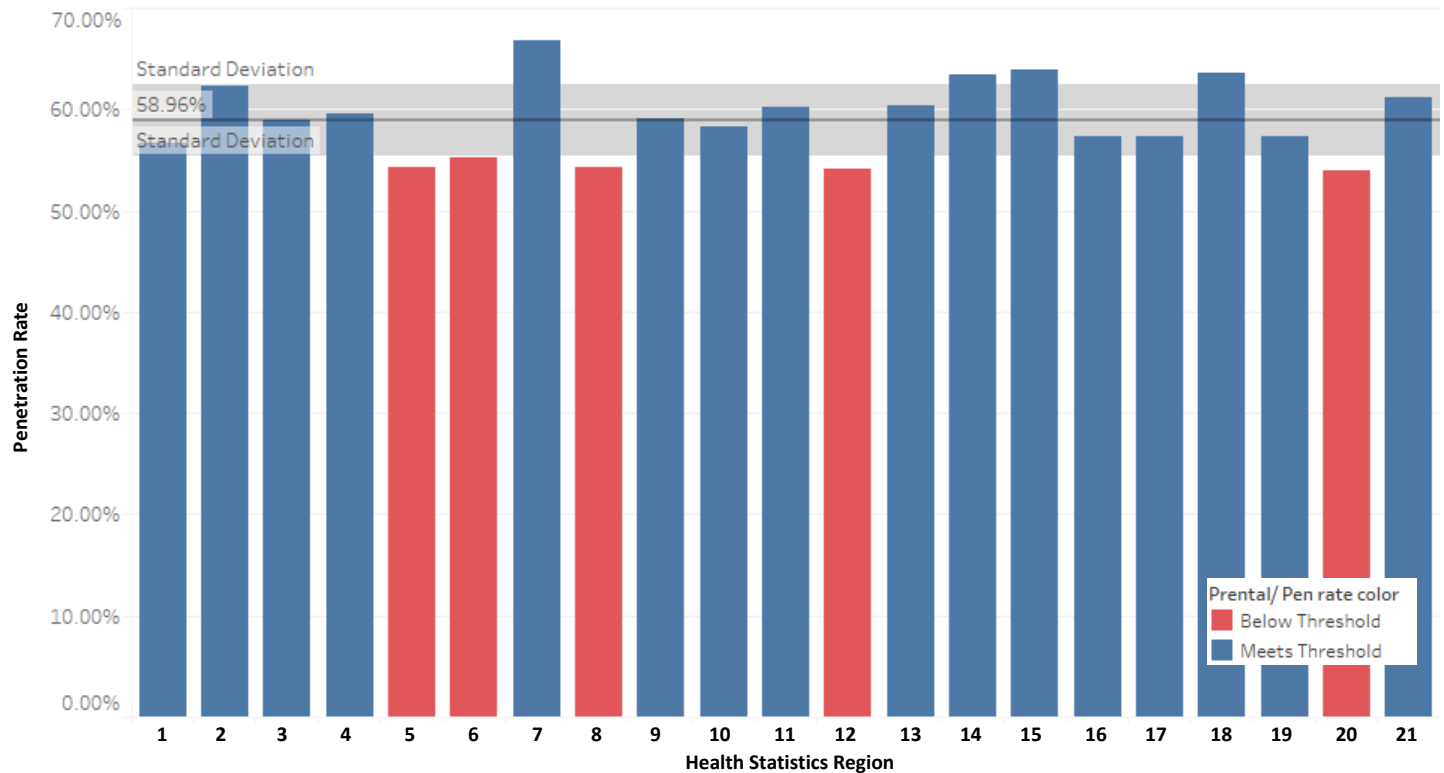
The penetration rate ranges from 53.87% to 66.82%. The member to provider ratio ranges from 2.31 members per provider to 24.42. The distance metric ranges from 62.09% of utilizers traveling within 30 miles to 98.16%. Panels range from an average of 330.58 utilizers per provider to 582.97. Providers were active from an average of 18.04 months to 20.61. The resulting ACI scores range from 40 to 90.



Detailed ACI Metric Information

Penetration Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

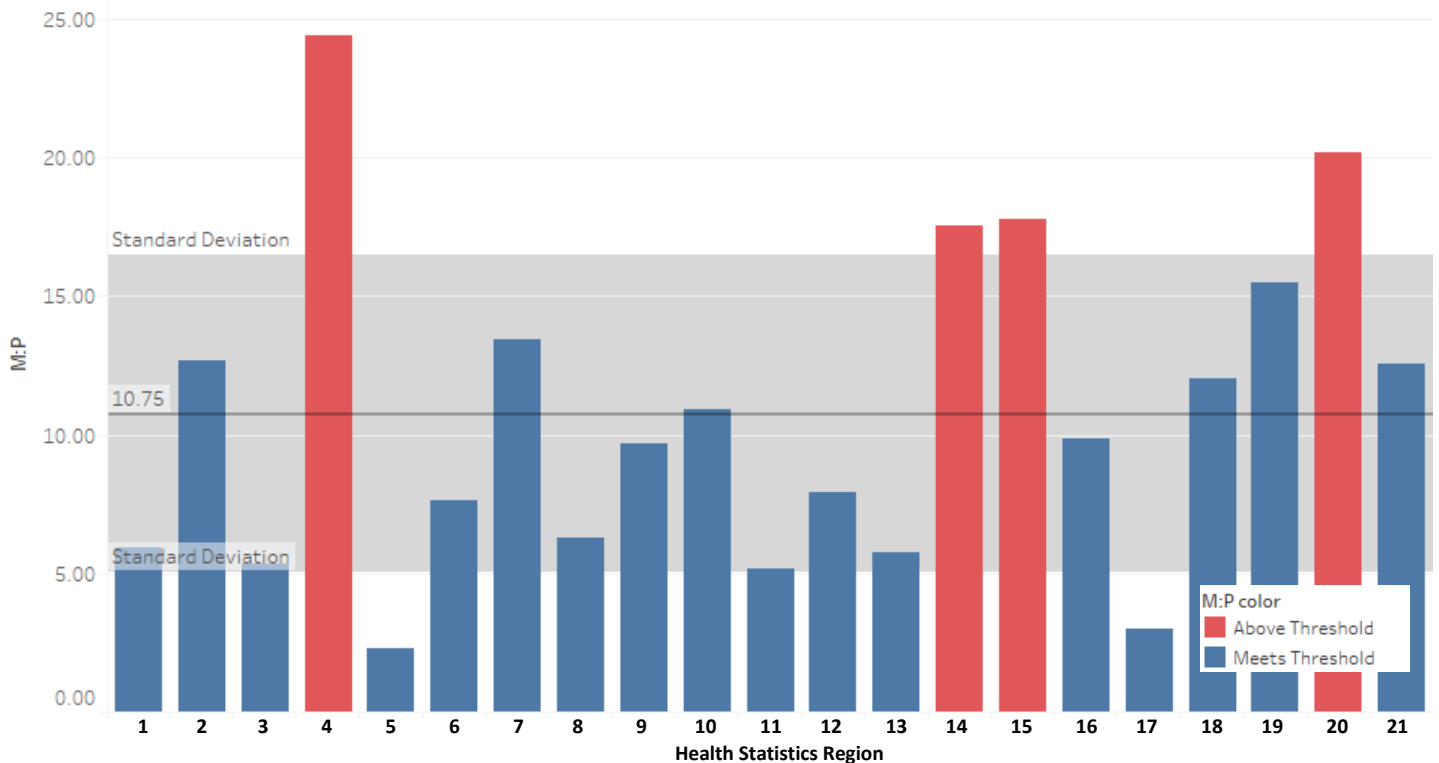


Evaluation & Management and Primary Care – Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	41.02%	41.21%	0.19%	Region 12	38.53%	37.39%	-1.14%
Region 2	46.52%	46.66%	0.14%	Region 13	44.04%	45.36%	1.32%
Region 3	42.14%	43.55%	1.41%	Region 14	46.61%	47.14%	0.53%
Region 4	42.60%	45.88%	3.28%	Region 15	47.43%	47.34%	-0.09%
Region 5	38.38%	39.17%	0.80%	Region 16	41.04%	41.69%	0.65%
Region 6	40.24%	40.59%	0.35%	Region 17	40.50%	41.41%	0.92%
Region 7	51.23%	52.79%	1.56%	Region 18	45.87%	48.05%	2.18%
Region 8	39.06%	39.26%	0.20%	Region 19	40.34%	42.06%	1.72%
Region 9	42.89%	44.16%	1.27%	Region 20	38.35%	38.68%	0.33%
Region 10	43.00%	43.28%	0.28%	Region 21	45.43%	45.63%	0.19%
Region 11	43.51%	44.68%	1.17%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

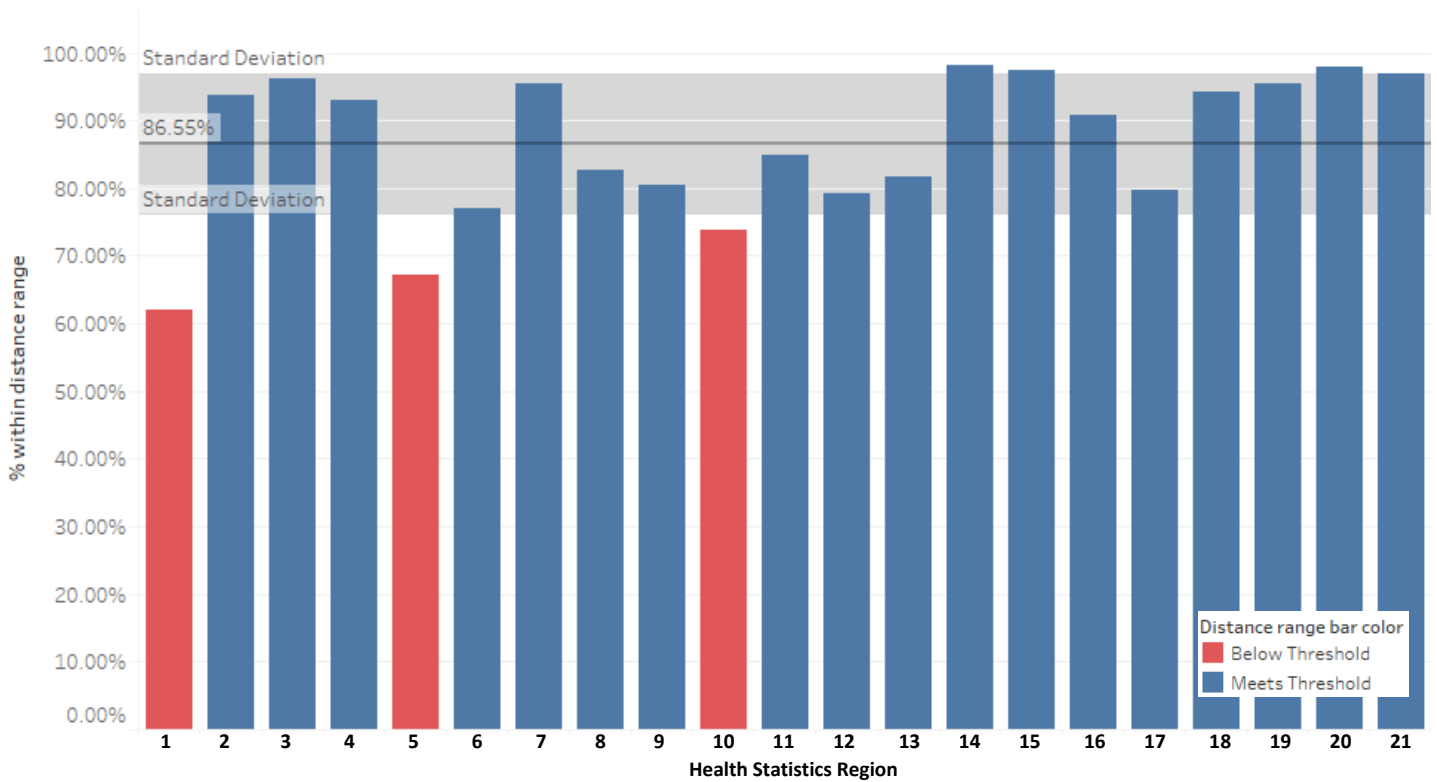


Evaluation & Management and Primary Care – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	3.18	4.33	1.15	Region 12	11.46	10.93	-0.54
Region 2	8.35	8.52	0.16	Region 13	8.43	7.97	-0.46
Region 3	17.35	16.38	-0.97	Region 14	21.79	20.85	-0.94
Region 4	7.08	6.91	-0.17	Region 15	22.14	21.11	-1.03
Region 5	32.39	30.36	-2.04	Region 16	13.00	12.10	-0.89
Region 6	3.50	3.21	-0.29	Region 17	4.21	4.05	-0.16
Region 7	11.35	10.53	-0.82	Region 18	15.86	14.87	-0.98
Region 8	18.80	17.73	-1.07	Region 19	22.98	22.86	-0.13
Region 9	8.98	8.93	-0.06	Region 20	25.11	23.89	-1.22
Region 10	14.57	14.41	-0.15	Region 21	15.75	14.84	-0.91
Region 11	16.47	15.47	-1.01				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

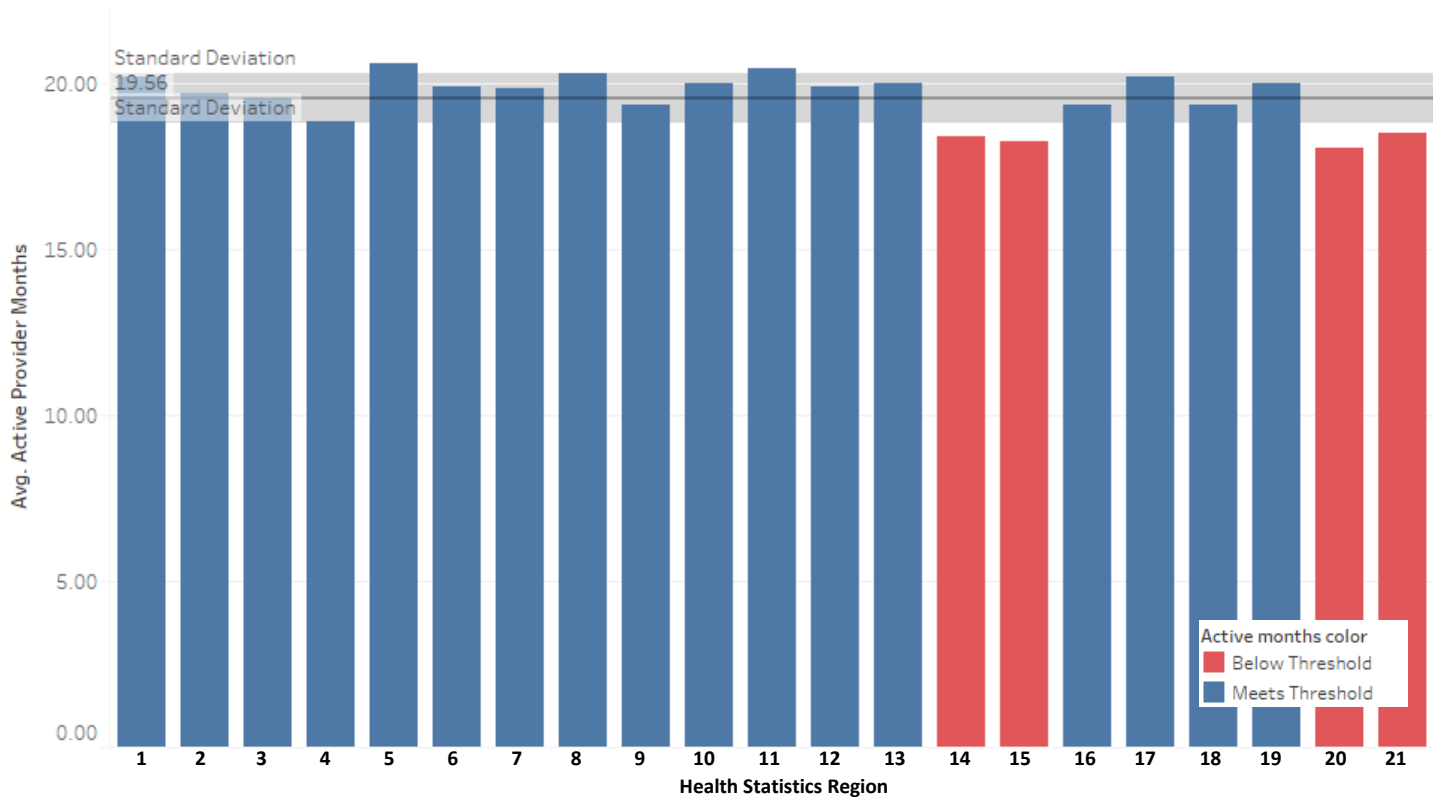


Evaluation & Management and Primary Care – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	59.98%	57.53%	-2.45%	Region 12	77.58%	77.94%	0.36%
Region 2	93.01%	93.34%	0.34%	Region 13	79.66%	78.79%	-0.87%
Region 3	95.10%	95.77%	0.67%	Region 14	97.81%	98.03%	0.22%
Region 4	92.69%	91.53%	-1.16%	Region 15	96.86%	97.13%	0.27%
Region 5	65.34%	65.11%	-0.23%	Region 16	88.20%	89.38%	1.18%
Region 6	74.89%	72.26%	-2.63%	Region 17	77.69%	78.01%	0.31%
Region 7	95.08%	94.69%	-0.39%	Region 18	92.96%	93.40%	0.45%
Region 8	80.15%	80.70%	0.55%	Region 19	95.29%	95.10%	-0.19%
Region 9	77.66%	78.09%	0.42%	Region 20	97.31%	97.80%	0.49%
Region 10	70.87%	72.19%	1.32%	Region 21	96.39%	96.73%	0.33%
Region 11	82.62%	83.47%	0.85%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

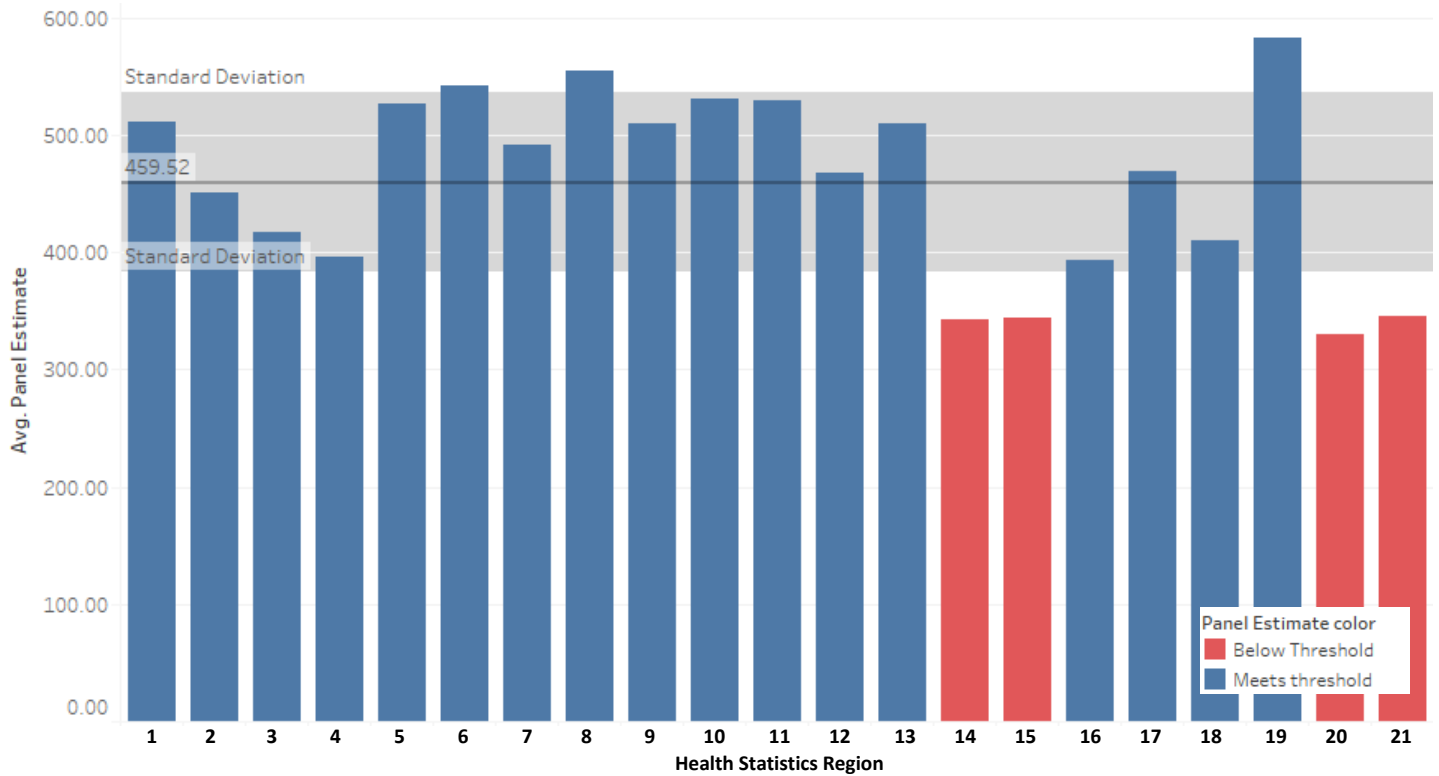


Evaluation & Management and Primary Care – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	21.12	20.54	-0.58	Region 12	20.98	20.23	-0.76
Region 2	20.94	20.09	-0.85	Region 13	21.20	20.33	-0.87
Region 3	20.85	20.12	-0.73	Region 14	20.06	19.29	-0.77
Region 4	20.40	19.44	-0.96	Region 15	19.82	19.13	-0.69
Region 5	21.64	20.85	-0.79	Region 16	20.81	19.85	-0.96
Region 6	21.02	20.31	-0.70	Region 17	21.42	20.57	-0.85
Region 7	20.96	20.33	-0.63	Region 18	20.79	19.98	-0.81
Region 8	21.28	20.62	-0.66	Region 19	20.81	20.17	-0.64
Region 9	20.26	19.57	-0.69	Region 20	19.63	18.97	-0.66
Region 10	20.88	20.14	-0.74	Region 21	20.14	19.33	-0.81
Region 11	21.32	20.49	-0.83				

Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.





Evaluation & Management and Primary Care – Year Over Year (YoY) Change in Panel Size by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	560.80	532.63	-28.17	Region 12	504.51	478.41	-26.10
Region 2	507.26	485.77	-21.49	Region 13	563.79	548.30	-15.48
Region 3	455.51	451.38	-4.13	Region 14	385.95	375.60	-10.36
Region 4	462.75	438.10	-24.65	Region 15	384.67	374.39	-10.27
Region 5	584.00	553.55	-30.45	Region 16	445.00	422.51	-22.48
Region 6	602.43	584.25	-18.18	Region 17	531.83	507.77	-24.07
Region 7	563.38	539.52	-23.85	Region 18	465.86	440.22	-25.64
Region 8	606.54	584.02	-22.52	Region 19	601.92	584.44	-17.48
Region 9	548.52	490.96	-57.56	Region 20	370.00	362.16	-7.85
Region 10	545.85	509.17	-36.68	Region 21	389.93	372.25	-17.68
Region 11	564.82	519.16	-45.67				

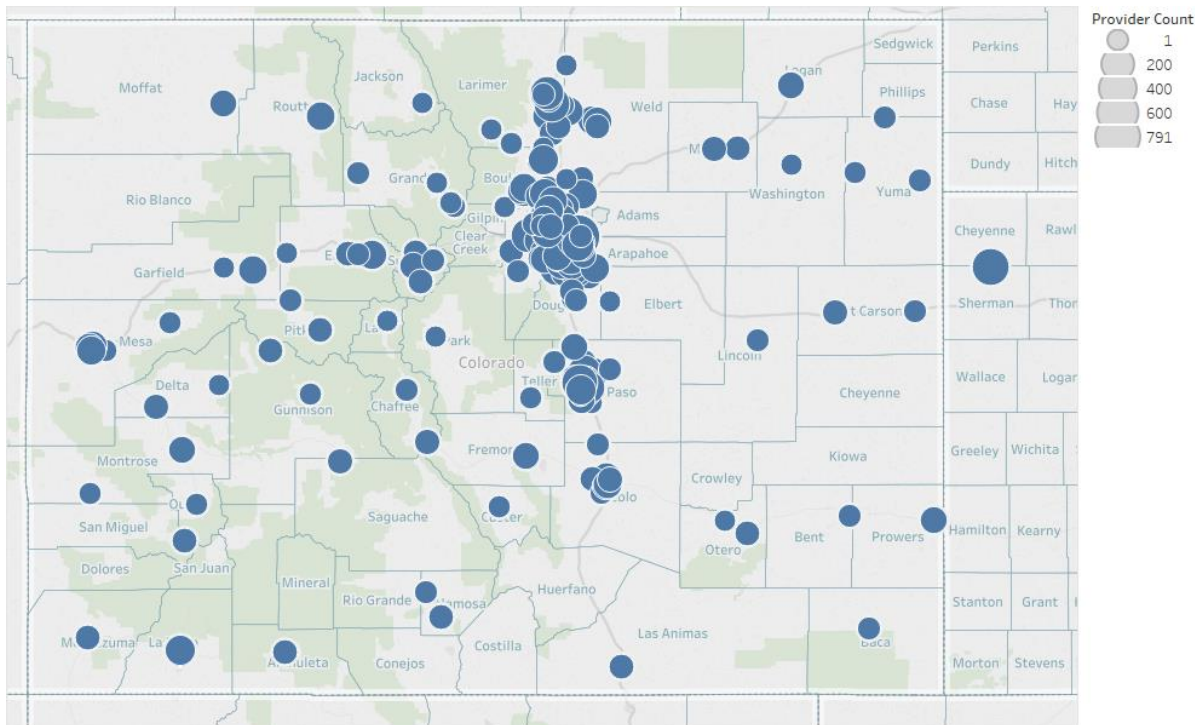


2. Radiology Services

Top 15 Procedures by Total Paid

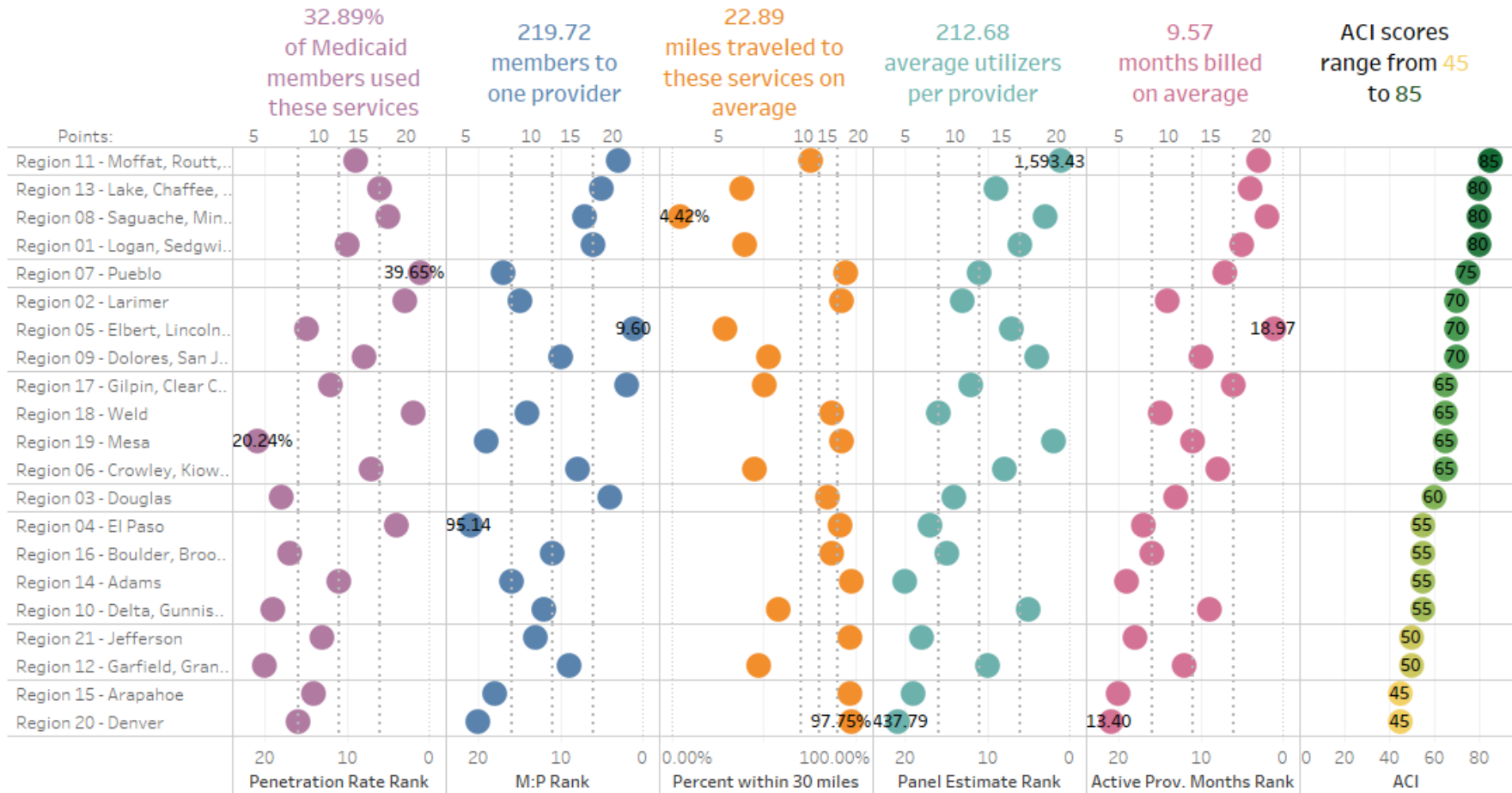
Radiology Services			IBNR Adjusted			Non-Facility	
Procedure Code	Modifier #1	Modifier #2	Allowed Units	Paid Dollars	CO 7-1-17 Rate	Benchmark Rate	Rate Ratio
74177	26	0	42,464	\$ 2,917,670	\$ 69.15	\$ 93.91	73.63%
72148	0	0	4,943	\$ 1,902,974	\$ 389.28	\$ 229.61	169.54%
70450	26	0	46,731	\$ 1,879,273	\$ 40.50	\$ 44.07	91.89%
76811	0	0	7,023	\$ 1,347,962	\$ 195.67	\$ 190.18	102.88%
70553	0	0	1,917	\$ 1,139,617	\$ 603.31	\$ 387.35	155.75%
72141	0	0	2,755	\$ 1,075,564	\$ 395.01	\$ 230.33	171.49%
74176	26	0	15,552	\$ 1,019,057	\$ 65.93	\$ 89.95	73.30%
73721	0	0	4,061	\$ 991,555	\$ 248.01	\$ 243.15	102.00%
76830	0	0	12,691	\$ 976,913	\$ 78.49	\$ 126.49	62.05%
76805	0	0	8,237	\$ 903,732	\$ 111.22	\$ 147.51	75.40%
78815	TC	0	621	\$ 887,078	\$ 1,436.74	\$ 1,305.55	110.05%
76817	0	0	10,769	\$ 825,308	\$ 78.02	\$ 100.97	77.27%
71020	26	0	98,710	\$ 768,751	\$ 7.85	\$ 11.19	70.14%
76816	0	0	12,384	\$ 748,361	\$ 61.06	\$ 120.26	50.77%
70553	26	0	7,620	\$ 733,620	\$ 97.01	\$ 118.12	82.13%

Provider Location Map



ACI Metric Performance and Score Calculation - Radiology

How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



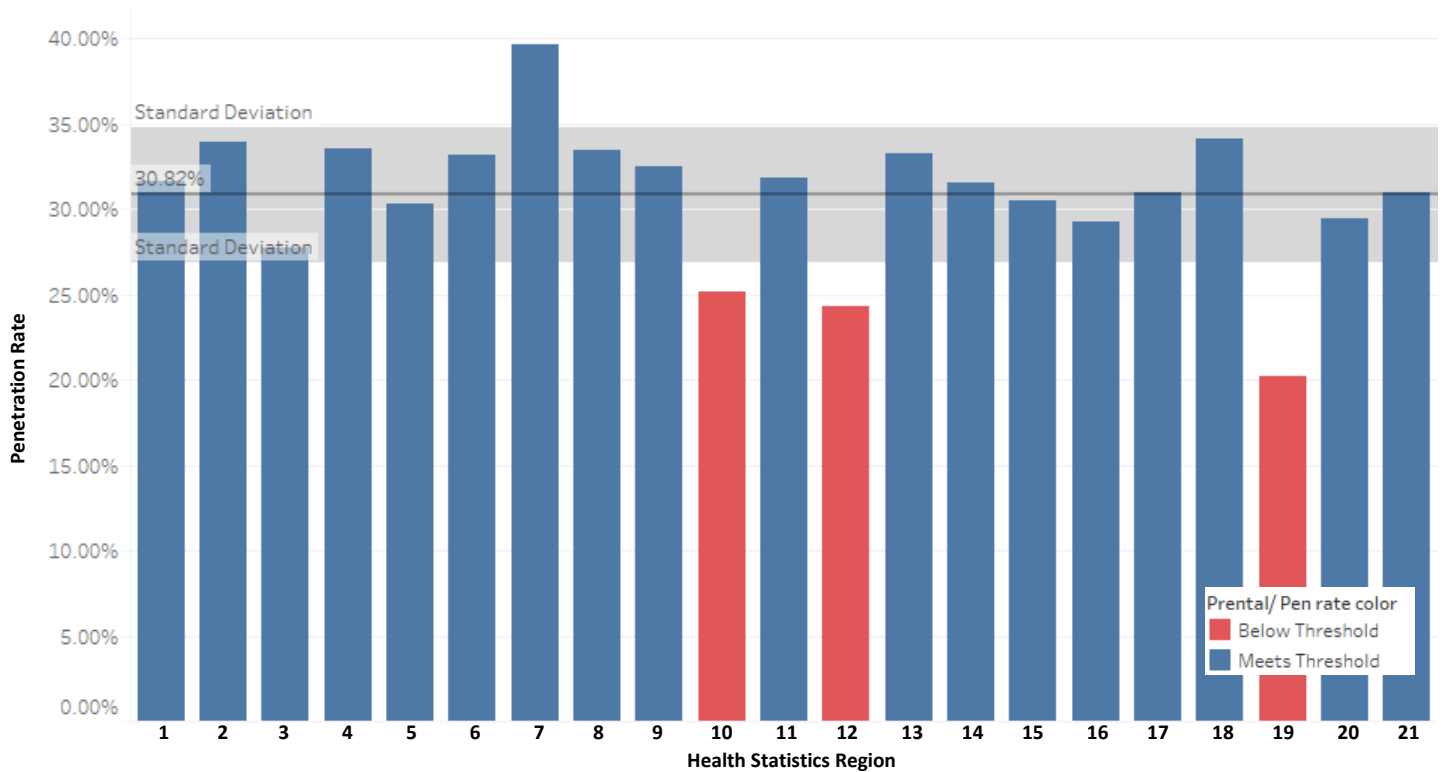
The penetration rate ranges from 20.24% to 39.65%. The member to provider ratio ranges from 9.60 members per provider to 95.14. The distance metric ranges from 4.42% of utilizers traveling within 30 miles to 97.75%. Panels range from an average of 437.79 utilizers per provider to 1,593.43. Providers were active from an average of 13.40 months to 18.97. The resulting ACI scores range from 45 to 85.



Detailed ACI Metric Information

Penetration Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

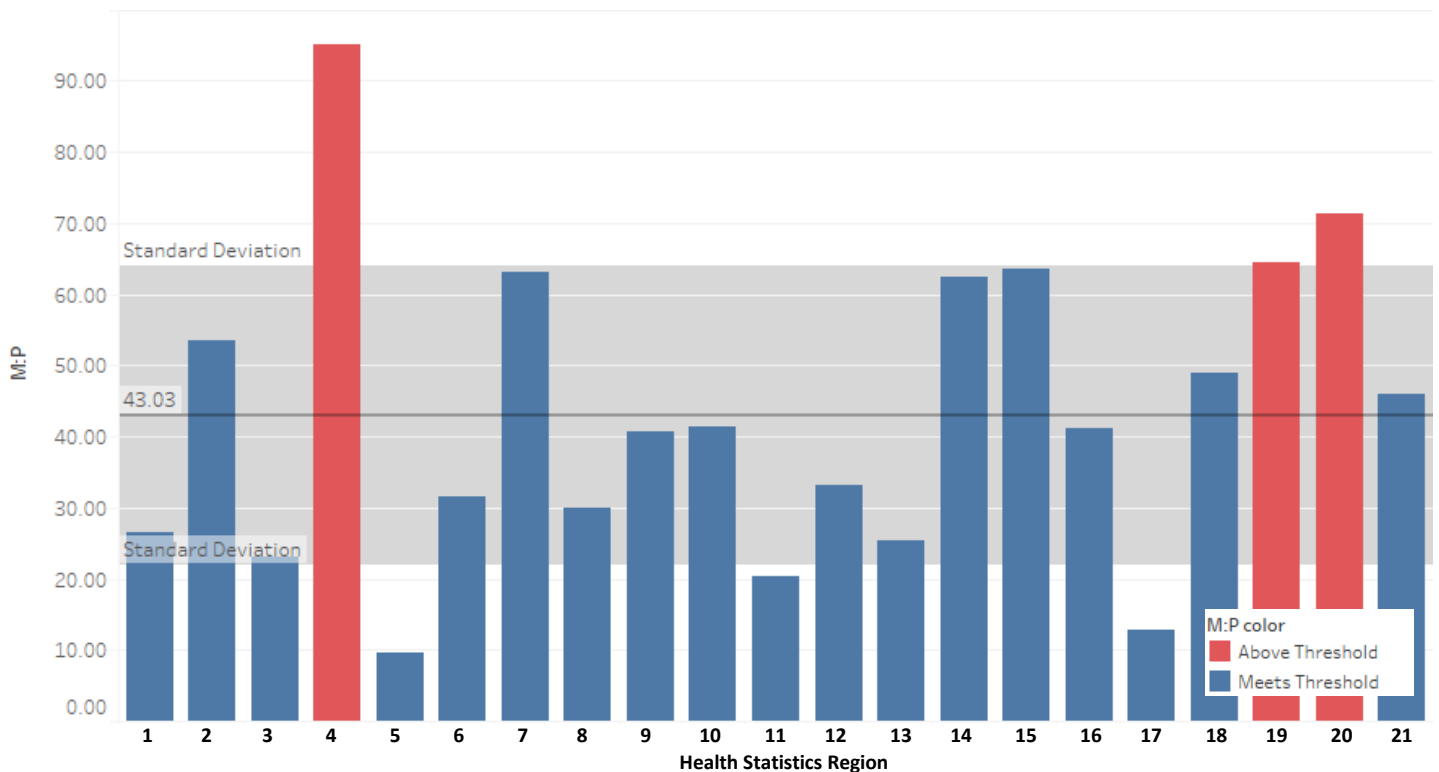


Radiology Services – Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	20.36%	20.23%	-0.13%	Region 12	14.52%	14.13%	-0.39%
Region 2	21.58%	22.26%	0.68%	Region 13	21.21%	21.95%	0.74%
Region 3	17.09%	17.57%	0.48%	Region 14	19.76%	19.89%	0.13%
Region 4	20.78%	22.63%	1.85%	Region 15	19.34%	19.11%	-0.24%
Region 5	18.57%	20.24%	1.67%	Region 16	18.16%	18.53%	0.37%
Region 6	21.72%	21.52%	-0.20%	Region 17	19.04%	20.19%	1.15%
Region 7	26.19%	27.11%	0.92%	Region 18	21.36%	22.24%	0.88%
Region 8	20.88%	22.04%	1.17%	Region 19	11.30%	11.80%	0.50%
Region 9	20.26%	21.29%	1.02%	Region 20	18.59%	18.68%	0.10%
Region 10	15.39%	15.39%	0.01%	Region 21	19.65%	19.85%	0.20%
Region 11	19.83%	20.46%	0.64%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

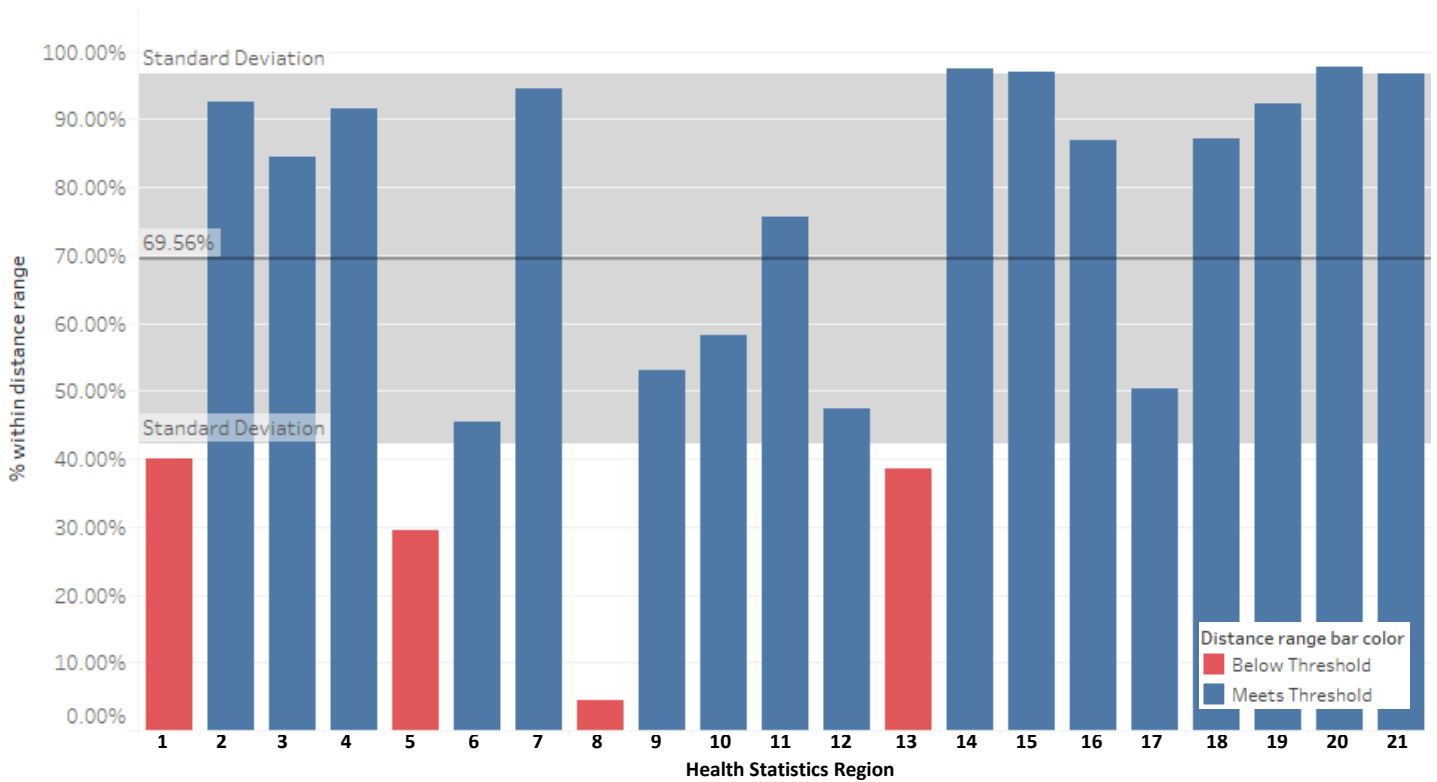


Radiology Services – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	27.79	20.11	-7.69	Region 12	47.85	44.36	-3.48
Region 2	37.24	36.17	-1.07	Region 13	36.04	33.91	-2.13
Region 3	73.30	70.16	-3.14	Region 14	84.78	81.28	-3.50
Region 4	32.48	30.52	-1.96	Region 15	85.70	81.28	-4.42
Region 5	132.63	122.05	-10.58	Region 16	58.48	54.62	-3.86
Region 6	13.83	12.93	-0.90	Region 17	18.17	16.91	-1.26
Region 7	46.44	41.55	-4.89	Region 18	67.33	65.20	-2.13
Region 8	89.54	81.44	-8.10	Region 19	95.66	88.57	-7.09
Region 9	41.56	40.56	-1.01	Region 20	97.78	90.64	-7.14
Region 10	55.80	53.83	-1.97	Region 21	62.83	59.09	-3.73
Region 11	60.17	57.80	-2.37				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

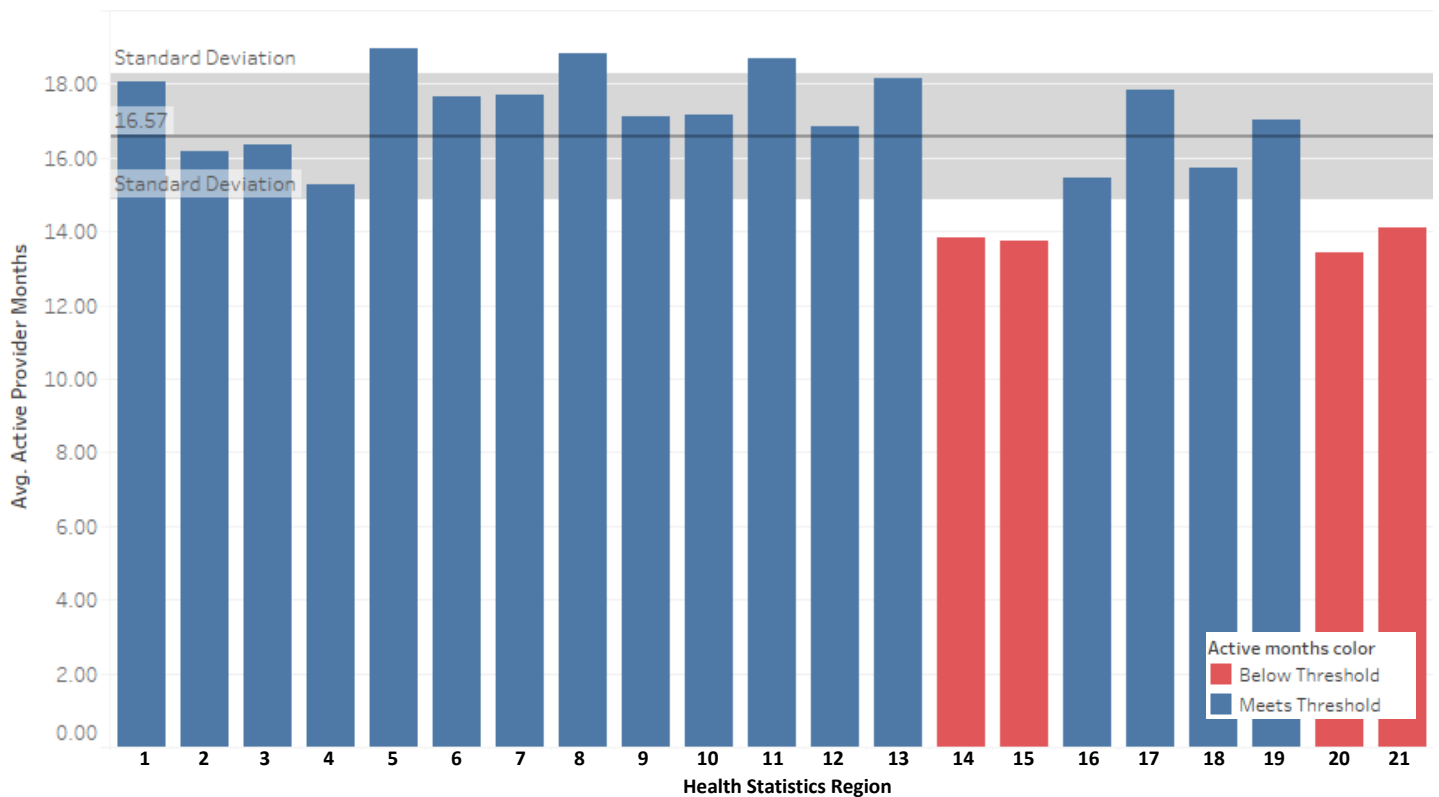


Radiology Services – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	37.82%	37.43%	-0.39%	Region 12	47.31%	44.28%	-3.03%
Region 2	92.05%	91.68%	-0.37%	Region 13	35.68%	35.81%	0.12%
Region 3	82.98%	83.14%	0.16%	Region 14	97.38%	97.28%	-0.11%
Region 4	90.73%	90.82%	0.09%	Region 15	96.76%	96.51%	-0.25%
Region 5	27.77%	26.96%	-0.80%	Region 16	85.49%	85.89%	0.40%
Region 6	49.04%	33.71%	-15.34%	Region 17	48.50%	46.58%	-1.92%
Region 7	94.32%	93.84%	-0.47%	Region 18	85.56%	86.29%	0.73%
Region 8	3.52%	3.81%	0.29%	Region 19	92.70%	91.53%	-1.18%
Region 9	51.50%	50.32%	-1.18%	Region 20	97.75%	97.34%	-0.41%
Region 10	54.73%	56.60%	1.87%	Region 21	96.76%	96.28%	-0.48%
Region 11	75.33%	75.79%	0.46%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

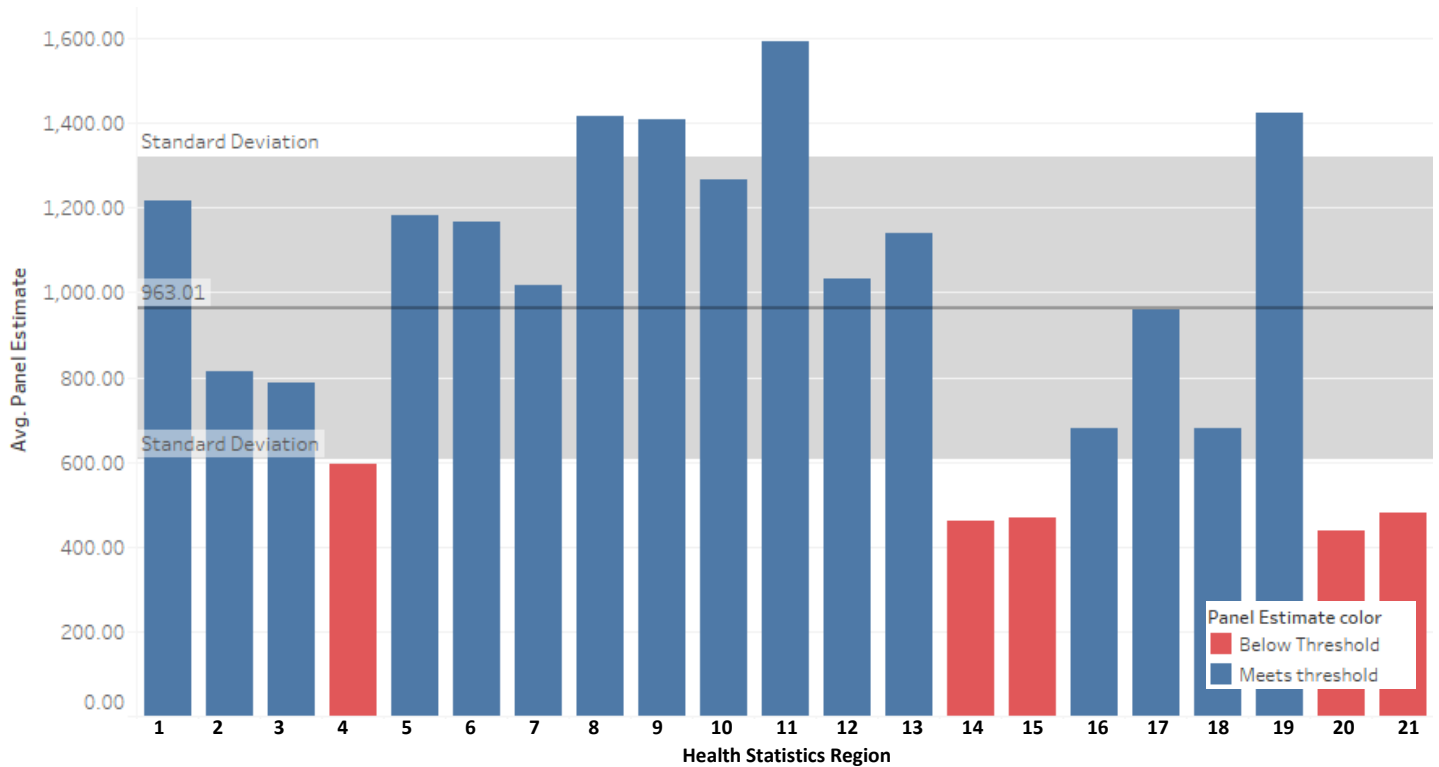


Radiology Services – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	19.52	18.79	-0.73	Region 12	18.24	17.86	-0.38
Region 2	17.72	17.09	-0.63	Region 13	19.44	19.07	-0.37
Region 3	18.22	17.42	-0.79	Region 14	15.75	15.19	-0.55
Region 4	16.96	16.21	-0.75	Region 15	15.62	15.14	-0.48
Region 5	20.20	19.95	-0.25	Region 16	17.25	16.25	-1.00
Region 6	19.42	18.42	-1.00	Region 17	19.48	18.81	-0.67
Region 7	19.36	18.49	-0.88	Region 18	17.53	16.75	-0.78
Region 8	20.26	19.69	-0.57	Region 19	18.34	17.13	-1.22
Region 9	18.34	17.85	-0.49	Region 20	15.59	14.69	-0.90
Region 10	18.25	17.54	-0.71	Region 21	15.99	15.43	-0.56
Region 11	20.21	19.03	-1.18				

Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.





Radiology Services – Year Over Year (YoY) Change in Panel Size by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	1,533.26	1,441.33	-91.92	Region 12	1,297.80	1,201.77	-96.04
Region 2	1,042.03	990.16	-51.87	Region 13	1,435.72	1,352.06	-83.66
Region 3	1,007.82	934.73	-73.09	Region 14	591.93	574.94	-17.00
Region 4	785.84	734.00	-51.84	Region 15	601.68	576.27	-25.42
Region 5	1,474.84	1,440.59	-34.25	Region 16	905.29	839.59	-65.70
Region 6	1,503.09	1,395.56	-107.53	Region 17	1,241.31	1,156.05	-85.26
Region 7	1,344.84	1,235.69	-109.15	Region 18	868.41	854.52	-13.89
Region 8	1,749.35	1,733.95	-15.40	Region 19	1,665.29	1,532.37	-132.92
Region 9	1,683.25	1,653.98	-29.27	Region 20	572.40	538.53	-33.86
Region 10	1,445.85	1,370.52	-75.33	Region 21	618.99	597.46	-21.53
Region 11	1,939.37	1,713.93	-225.44				

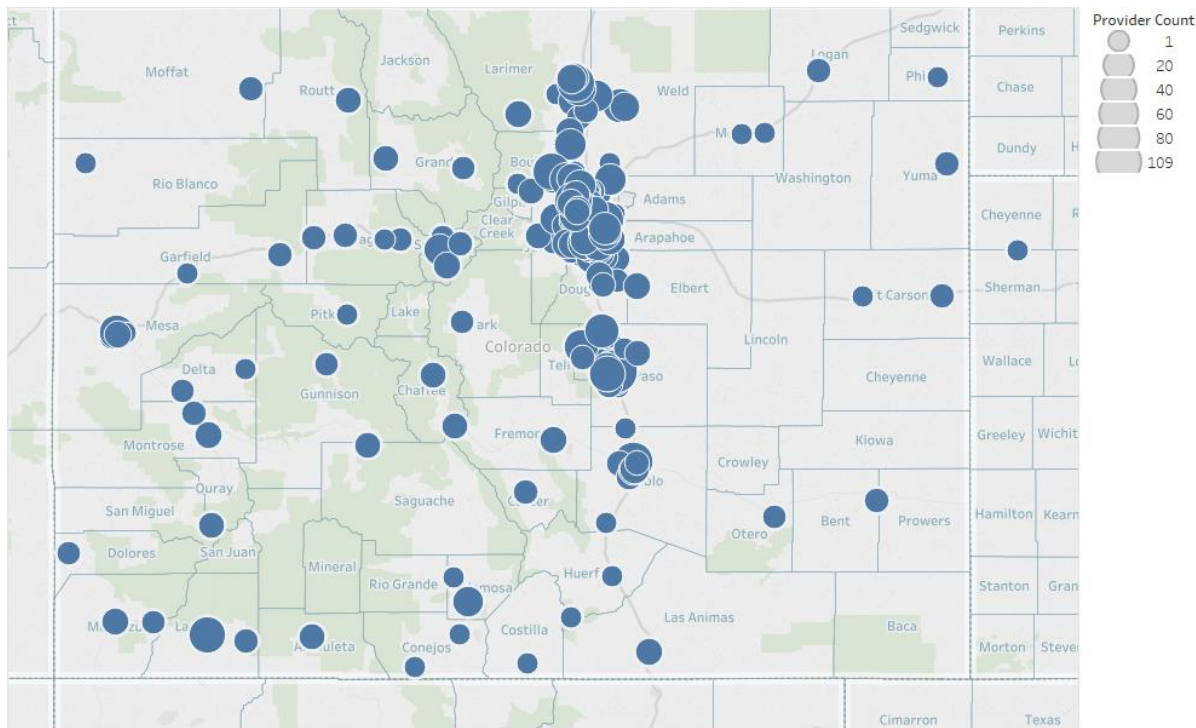


3. Physical and Occupational Therapy Services

Top 15 Procedures by Total Paid

Physical and Occupational Therapy Services			IBNR Adjusted			Non-Facility	
Procedure Code	Modifier #1	Modifier #2	Allowed Units	Paid Dollars	CO 7-1-17 Rate	Benchmark Rate	Rate Ratio
97110	0	0	306,617	\$ 8,748,857	\$ 29.54	\$ 33.31	88.69%
97530	0	0	278,610	\$ 8,592,008	\$ 32.16	\$ 35.84	89.72%
97140	0	0	161,861	\$ 4,344,779	\$ 27.55	\$ 30.75	89.59%
97112	0	0	126,874	\$ 3,689,796	\$ 30.84	\$ 34.76	88.71%
97533	0	0	108,256	\$ 2,369,628	\$ 22.49	\$ 30.02	74.93%
97001	0	0	21,232	\$ 1,438,736	Multiple	\$ 82.59	Multiple
97535	0	0	34,069	\$ 560,283	\$ 17.04	\$ 35.86	47.52%
97003	0	0	4,258	\$ 278,269	Multiple	\$ 80.04	Multiple
97002	0	0	5,607	\$ 214,012	\$ 28.36	\$ 56.19	50.47%
97032	0	0	14,551	\$ 145,375	\$ 10.21	\$ 19.55	52.21%
97014	0	0	18,507	\$ 144,525	\$ 7.95	\$ 16.15	49.23%
97124	0	0	8,917	\$ 109,308	\$ 12.47	\$ 26.79	46.55%
97597	0	0	1,792	\$ 109,194	\$ 63.60	\$ 77.35	82.22%
97035	0	0	8,551	\$ 75,972	\$ 9.06	\$ 13.02	69.59%
97004	0	0	1,343	\$ 55,409	\$ 45.39	\$ 52.89	85.82%

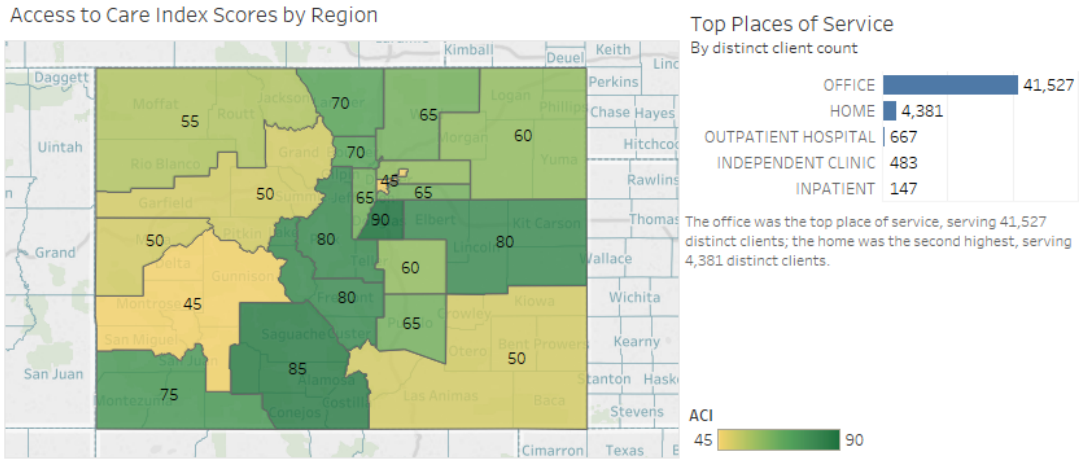
Provider Location Map



Additional Access to Care Analysis Information

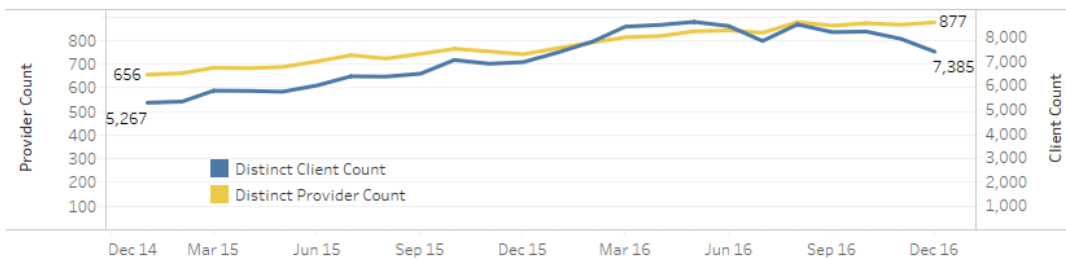
Access to Care Visuals and Charts

Access and Utilization - Physical and Occupational Therapy



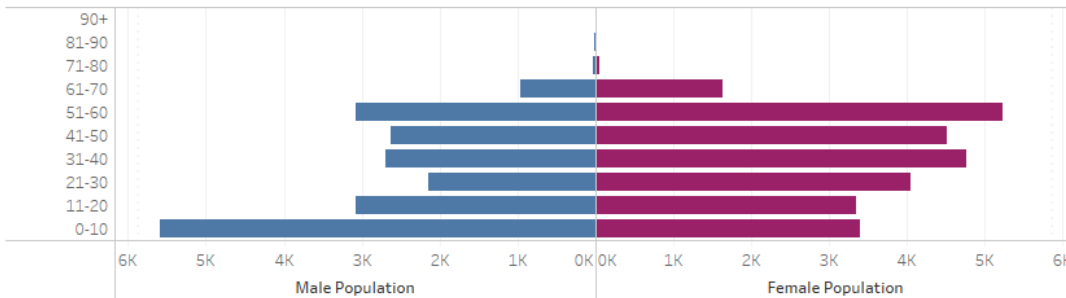
Access to Care Index (ACI) scores range from 45 to 90. Please refer to the following page for individual metric performance and score calculations.

Distinct Client and Provider Counts by Month



Distinct client counts increased from 5,276 in December 2014 to 7,385 in December 2016, and there was a 27.51% year over year increase from CY 2015 to CY 2016. Providers increased from 656 in December 2014 to 877 in December 2016, and there was a 20.85% year over year increase from CY 2015 to CY 2016.

Utilizer Age and Gender

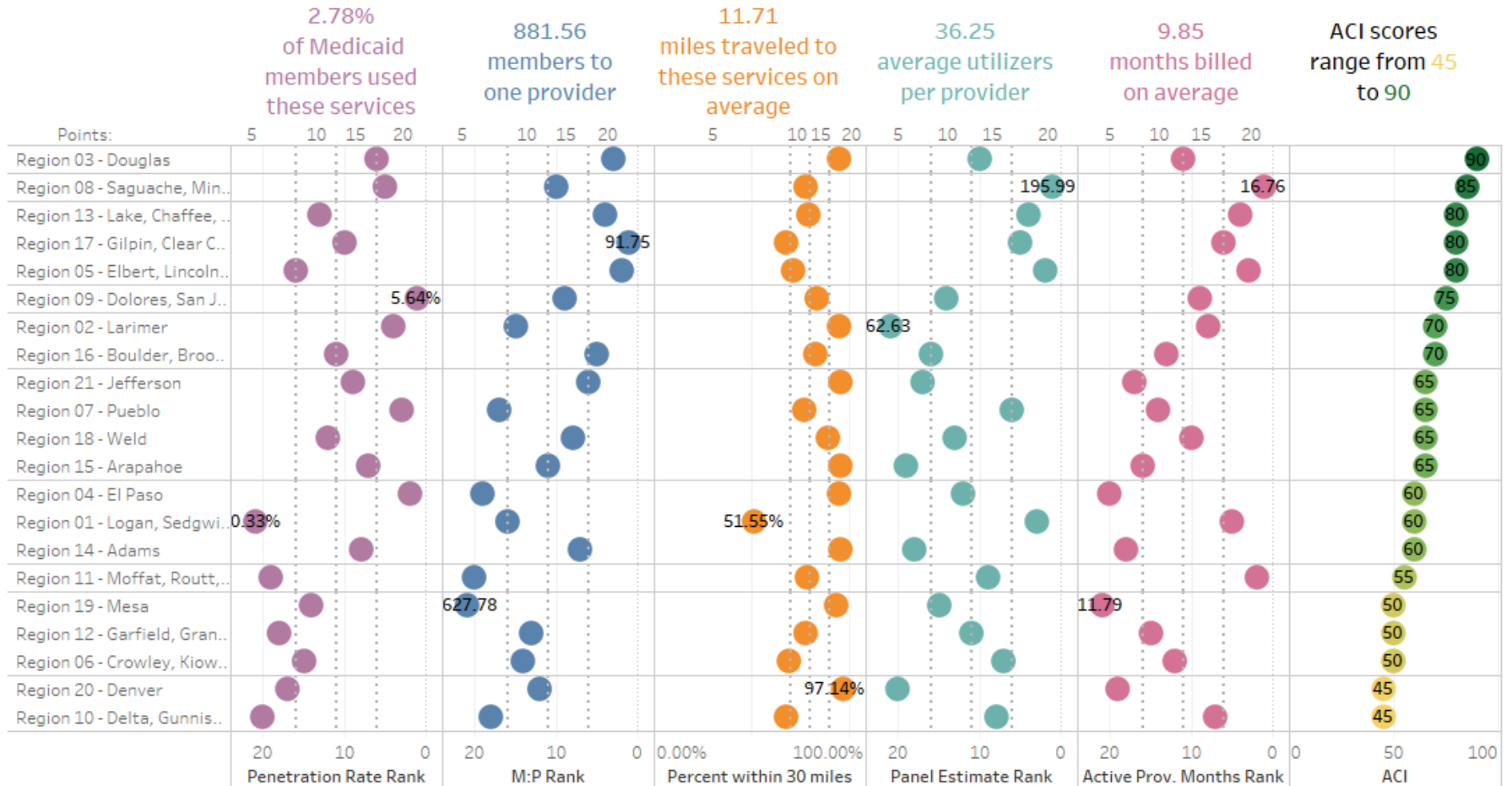


Boys between the ages of 0-10 were the highest utilizers of these services.



ACI Metric Performance and Score Calculation - Physical and Occupational Therapy

How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



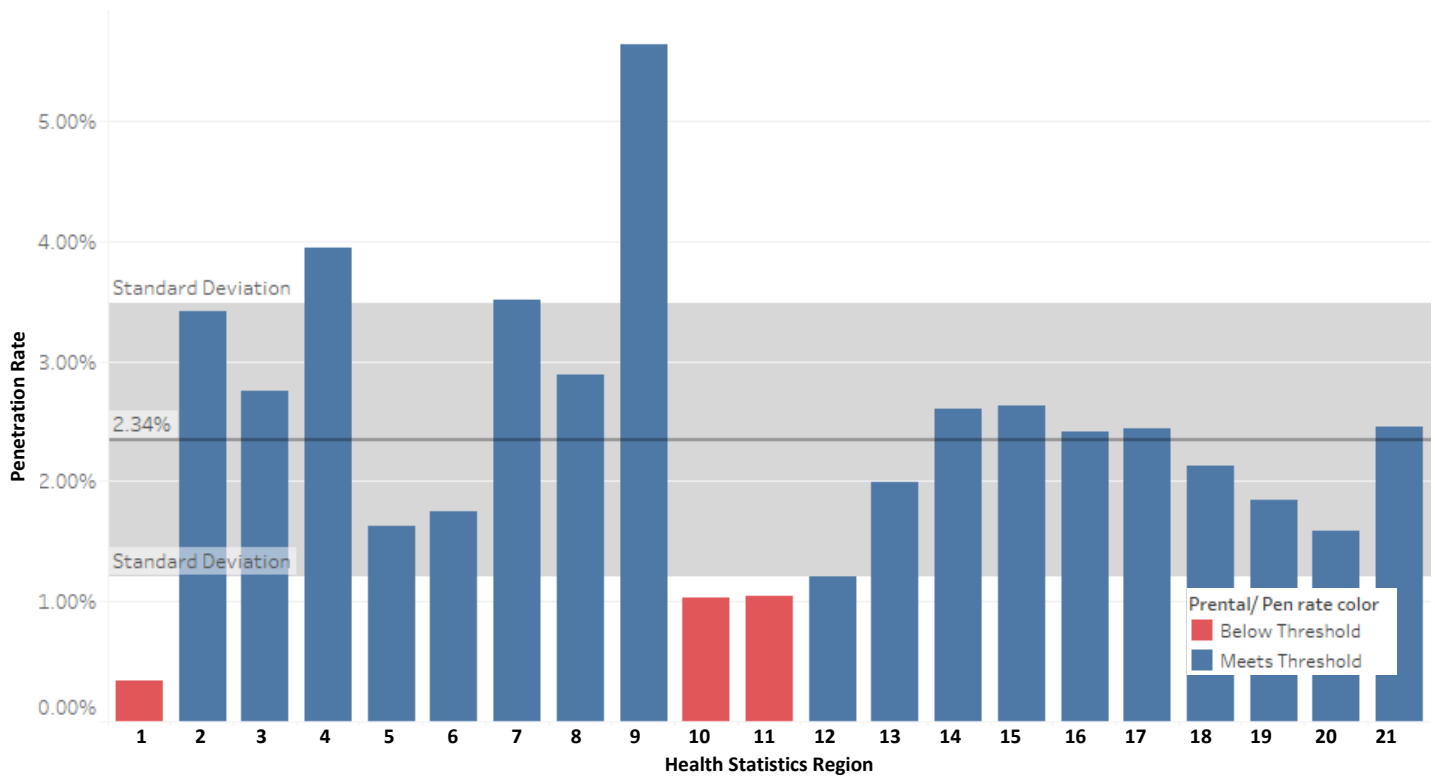
The penetration rate ranges from 0.33% to 5.64%. The member to provider ratio ranges from 91.75 members per provider to 627.78. The distance metric ranges from 51.55% of utilizers traveling within 30 miles to 97.14%. Panels range from an average of 62.63 utilizers per provider to 195.99. Providers were active from an average of 11.79 months to 16.76. The resulting ACI scores range from 45 to 90.



Detailed ACI Metric Information

Penetration Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

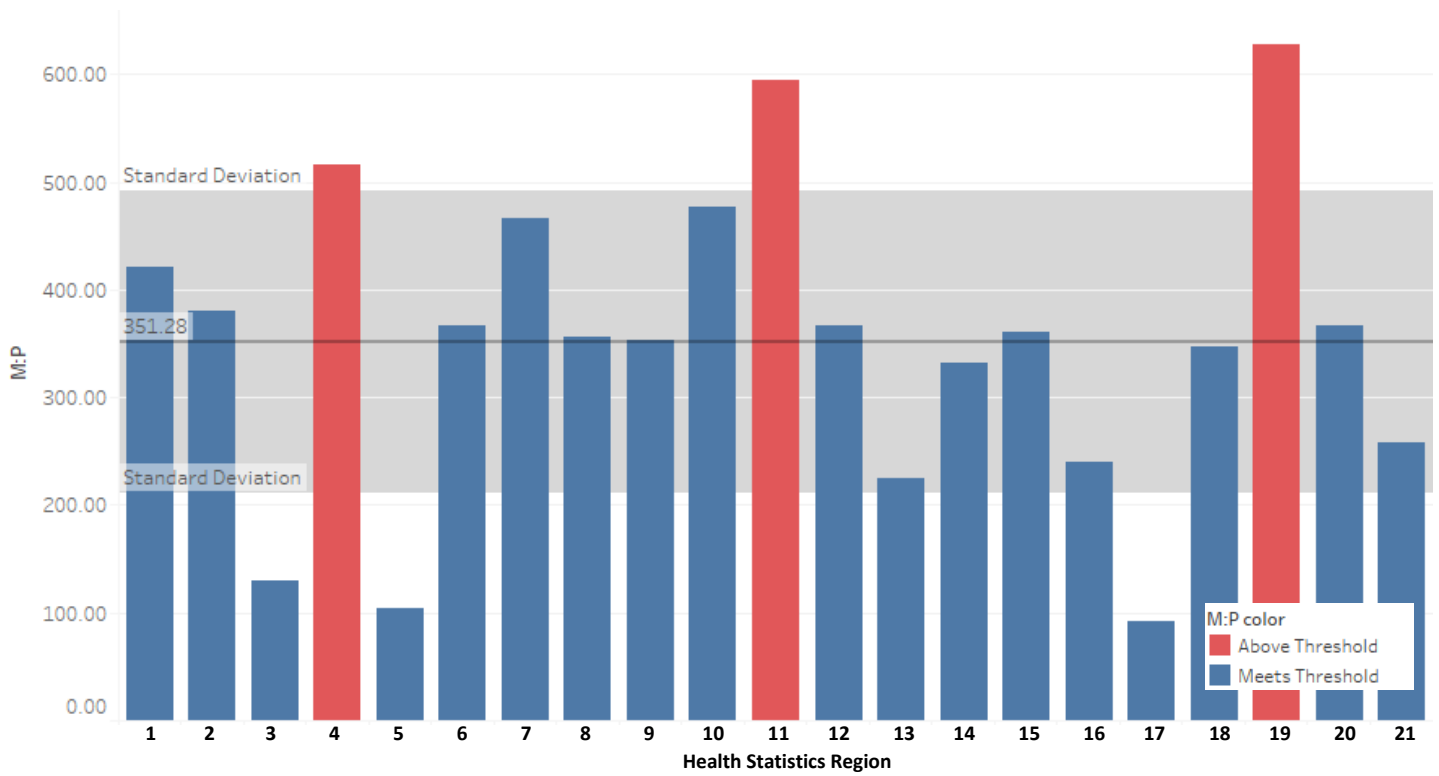


Physical and Occupational Therapy Services – Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	0.15%	0.24%	0.09%	Region 12	0.75%	0.63%	-0.12%
Region 2	1.76%	2.24%	0.47%	Region 13	1.04%	1.25%	0.22%
Region 3	1.50%	1.73%	0.23%	Region 14	1.39%	1.68%	0.29%
Region 4	1.87%	2.87%	1.00%	Region 15	1.47%	1.59%	0.12%
Region 5	0.72%	1.14%	0.42%	Region 16	1.21%	1.70%	0.50%
Region 6	0.87%	1.20%	0.32%	Region 17	1.16%	1.68%	0.52%
Region 7	1.84%	2.29%	0.44%	Region 18	1.18%	1.31%	0.13%
Region 8	1.43%	1.96%	0.53%	Region 19	0.86%	1.15%	0.29%
Region 9	3.12%	3.51%	0.39%	Region 20	0.85%	1.00%	0.15%
Region 10	0.52%	0.60%	0.08%	Region 21	1.20%	1.64%	0.44%
Region 11	0.62%	0.60%	-0.03%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

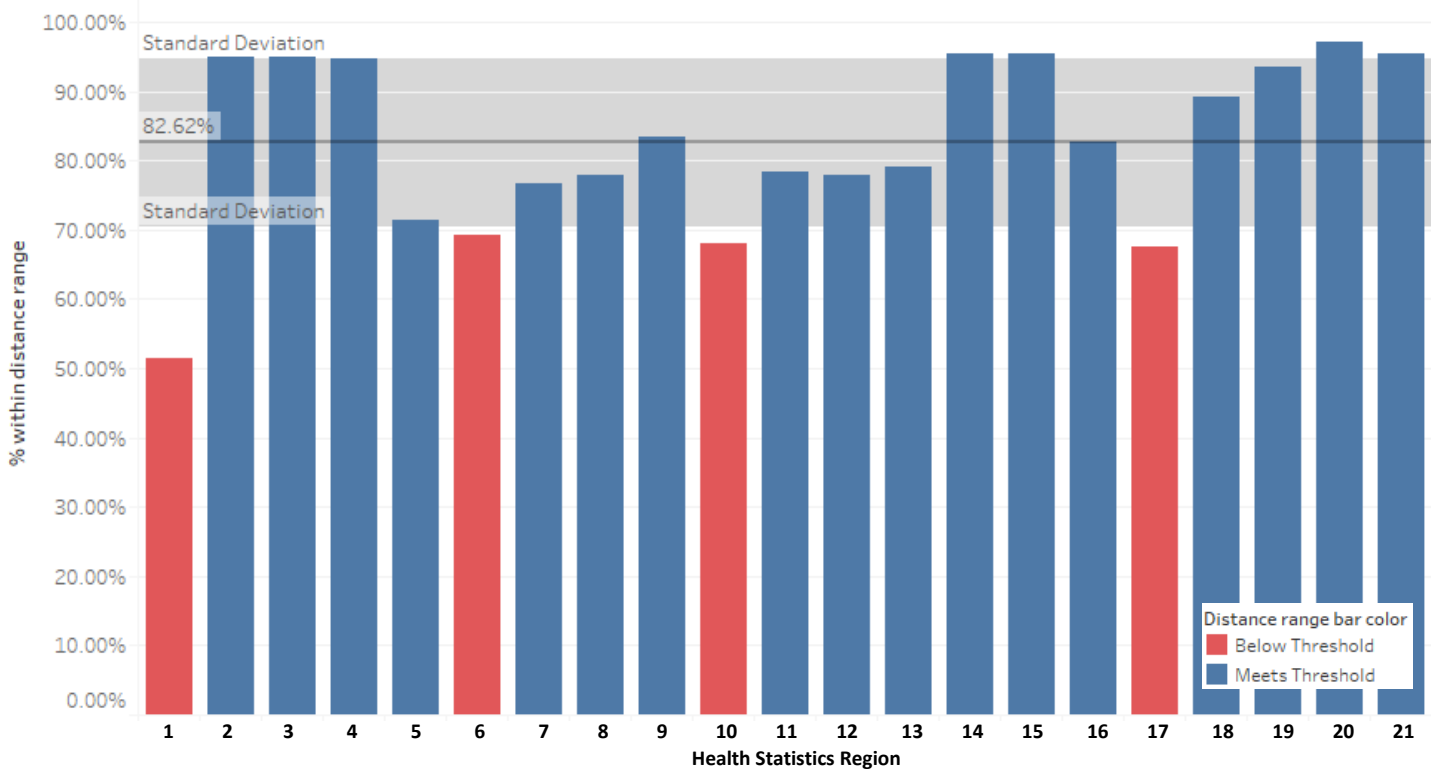


Physical and Occupational Therapy Services – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	472.50	189.00	-283.50	Region 12	665.43	533.99	-131.44
Region 2	659.32	659.32	0.00	Region 13	411.03	304.16	-106.87
Region 3	578.79	513.09	-65.70	Region 14	550.97	422.71	-128.26
Region 4	214.71	177.13	-37.57	Region 15	560.41	477.96	-82.45
Region 5	829.52	659.59	-169.93	Region 16	425.49	309.18	-116.31
Region 6	214.49	145.85	-68.64	Region 17	181.70	121.93	-59.77
Region 7	699.25	481.30	-217.95	Region 18	545.89	457.24	-88.65
Region 8	768.05	631.87	-136.18	Region 19	1,024.94	823.31	-201.63
Region 9	558.25	569.42	11.17	Region 20	636.07	463.24	-172.83
Region 10	572.83	426.29	-146.54	Region 21	440.18	330.63	-109.55
Region 11	797.91	705.85	-92.07				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

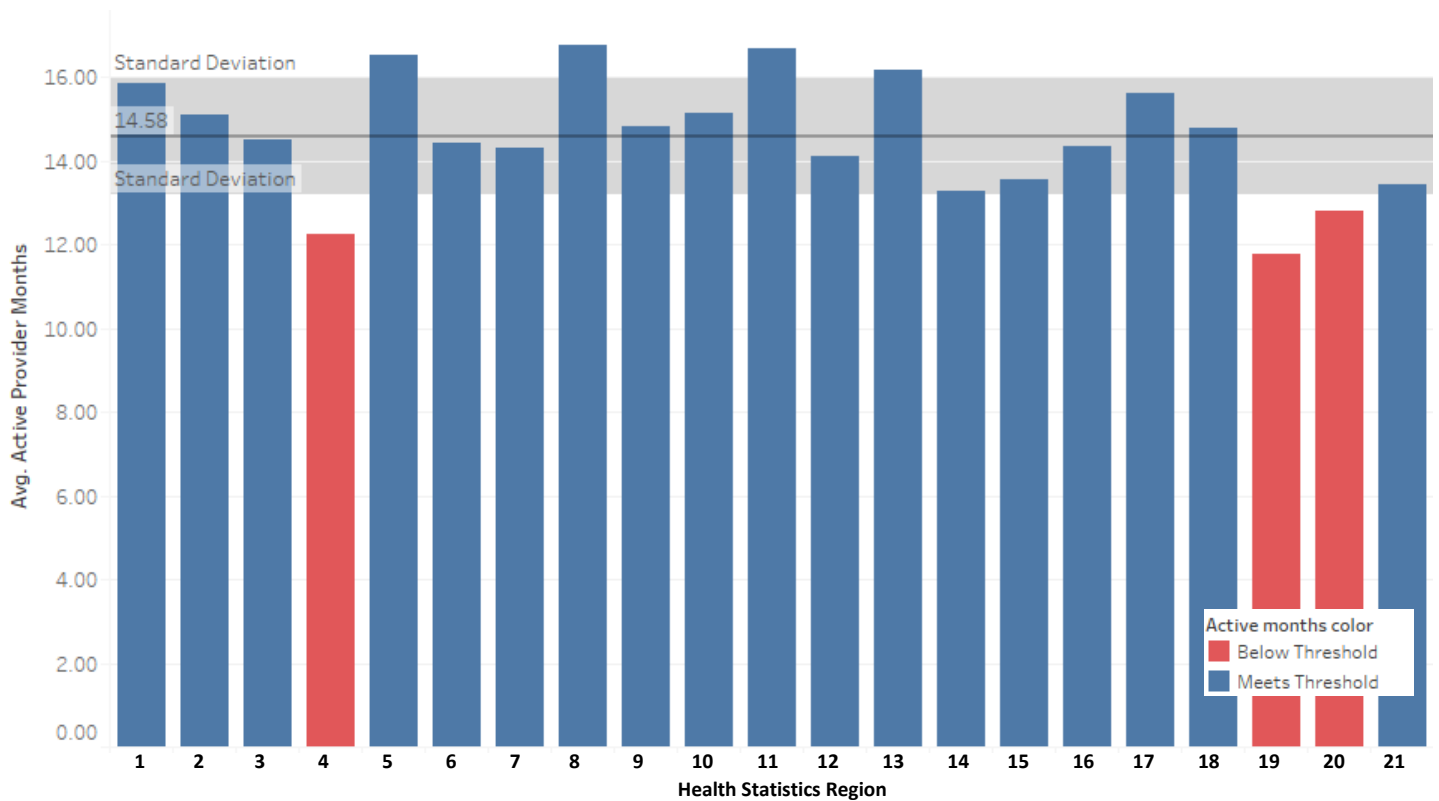


Physical and Occupational Therapy Services – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	39.53%	57.97%	18.44%	Region 12	77.54%	78.83%	1.29%
Region 2	95.52%	94.45%	-1.08%	Region 13	77.78%	78.22%	0.44%
Region 3	96.87%	94.17%	-2.70%	Region 14	95.04%	95.25%	0.21%
Region 4	94.29%	95.06%	0.78%	Region 15	95.34%	95.25%	-0.09%
Region 5	69.62%	72.80%	3.18%	Region 16	84.40%	82.93%	-1.47%
Region 6	69.66%	70.88%	1.22%	Region 17	65.58%	67.63%	2.05%
Region 7	80.18%	72.94%	-7.25%	Region 18	86.69%	91.93%	5.24%
Region 8	75.68%	79.93%	4.25%	Region 19	92.33%	94.10%	1.77%
Region 9	82.92%	82.97%	0.05%	Region 20	97.42%	96.96%	-0.47%
Region 10	68.95%	68.33%	-0.62%	Region 21	94.81%	95.77%	0.97%
Region 11	77.53%	76.47%	-1.06%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

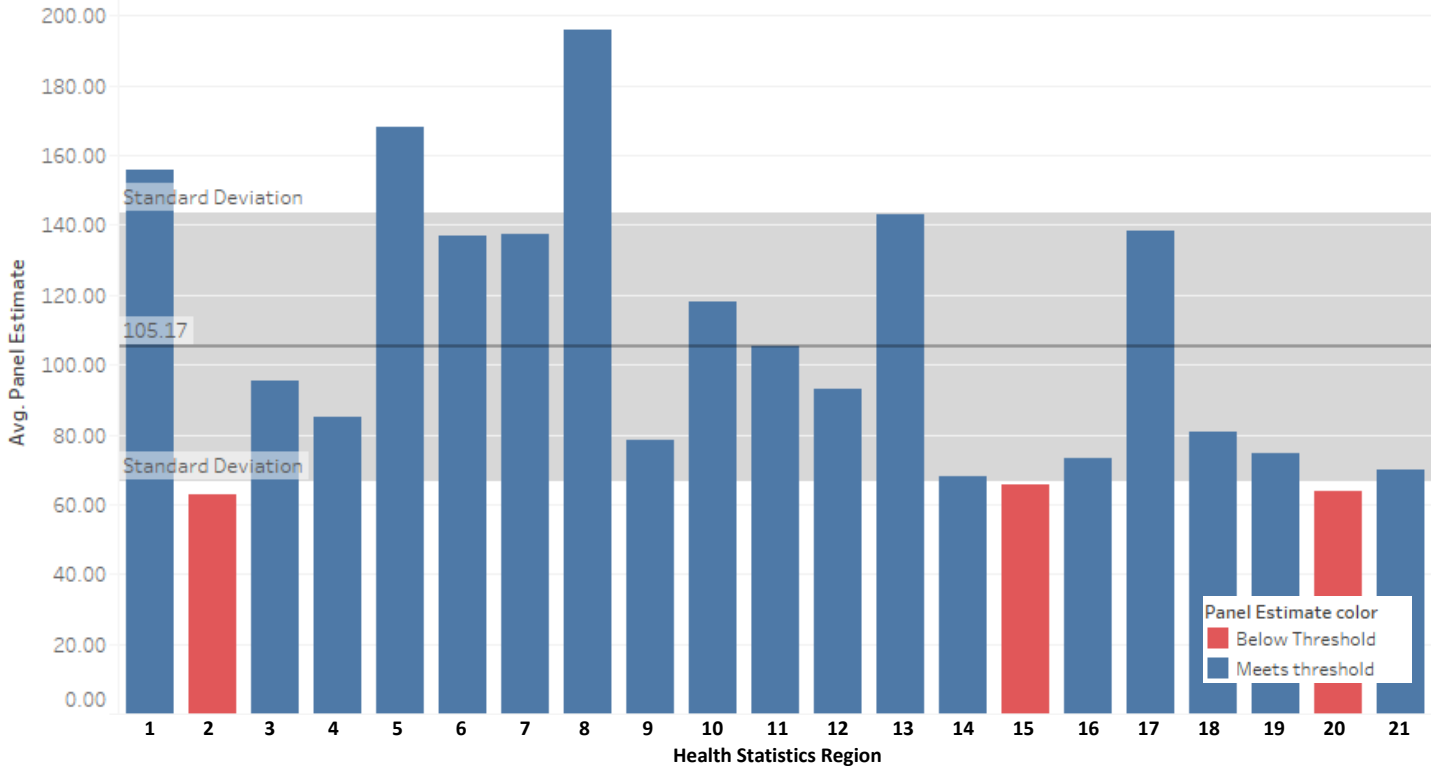


Physical and Occupational Therapy Services – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	16.16	16.07	-0.09	Region 12	16.06	13.52	-2.54
Region 2	17.06	16.01	-1.06	Region 13	18.01	15.90	-2.11
Region 3	16.63	15.06	-1.57	Region 14	16.00	14.26	-1.74
Region 4	15.11	13.09	-2.02	Region 15	15.99	14.29	-1.70
Region 5	18.76	15.89	-2.87	Region 16	17.44	14.71	-2.73
Region 6	17.66	14.65	-3.01	Region 17	17.62	15.76	-1.86
Region 7	16.11	15.08	-1.03	Region 18	16.42	16.30	-0.12
Region 8	19.10	15.02	-4.08	Region 19	14.47	11.59	-2.88
Region 9	18.73	14.37	-4.36	Region 20	15.97	13.49	-2.48
Region 10	17.20	15.54	-1.66	Region 21	16.17	14.45	-1.72
Region 11	17.21	15.75	-1.46				



Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.



Physical and Occupational Therapy Services – Year Over Year (YoY) Change in Panel Size by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	178.18	117.09	-61.09	Region 12	110.83	92.41	-18.42
Region 2	69.01	66.21	-2.81	Region 13	134.24	148.66	14.42
Region 3	95.17	104.08	8.91	Region 14	82.47	77.48	-4.99
Region 4	109.54	90.99	-18.55	Region 15	80.05	72.54	-7.51
Region 5	209.06	160.05	-49.01	Region 16	86.58	72.76	-13.82
Region 6	137.30	154.58	17.28	Region 17	173.49	157.86	-15.63
Region 7	143.59	157.36	13.77	Region 18	96.58	89.48	-7.09
Region 8	228.39	170.62	-57.77	Region 19	66.82	61.66	-5.16
Region 9	91.38	69.88	-21.49	Region 20	71.59	71.95	0.36
Region 10	107.89	120.63	12.74	Region 21	75.06	81.28	6.22
Region 11	132.07	78.06	-54.01				

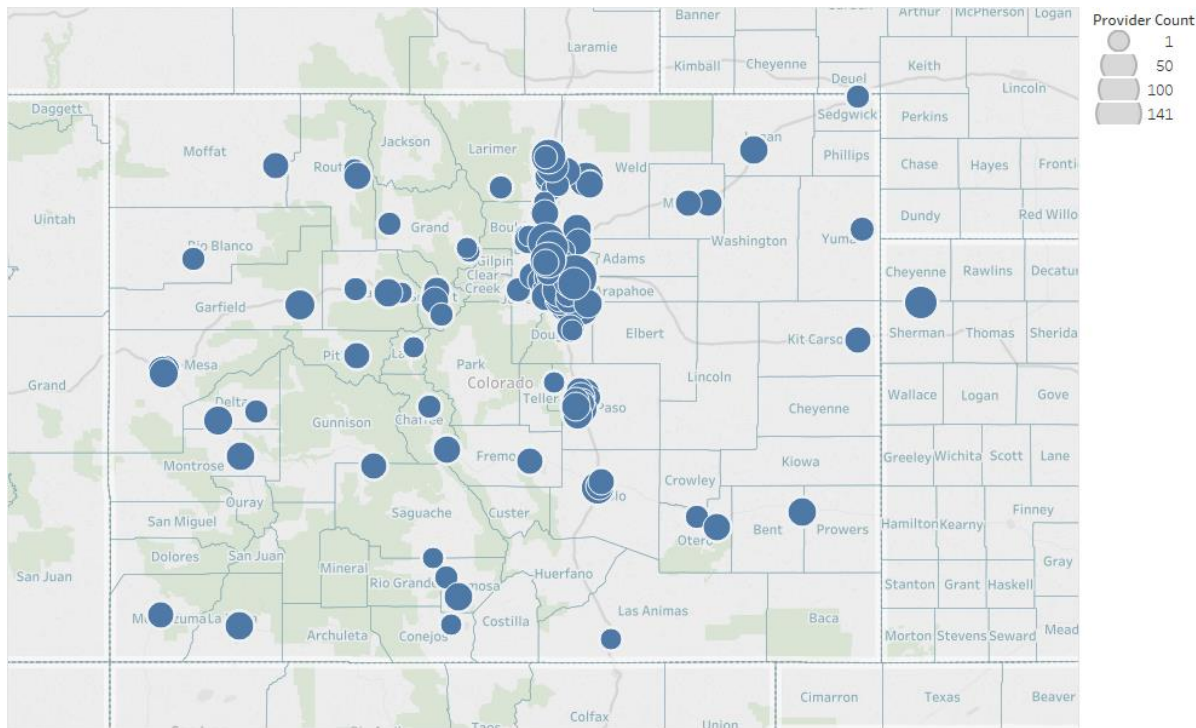


4. Maternity Services

Top 15 Procedures by Total Paid

Maternity Services			IBNR Adjusted			Non-Facility	
Procedure Code	Modifier #1	Modifier #2	Allowed Units	Paid Dollars	CO 7-1-17 Rate	Benchmark Rate	Rate Ratio
59400	0	0	8,844	\$ 10,408,899	\$ 1,202.83	\$ 1,974.57	60.92%
59409	0	0	5,946	\$ 4,256,032	\$ 729.62	\$ 848.49	85.99%
59510	0	0	2,638	\$ 3,731,147	\$ 1,443.74	\$ 2,234.80	64.60%
59514	0	0	5,120	\$ 2,523,339	\$ 855.23	\$ 999.92	85.53%
59410	0	0	2,402	\$ 1,874,098	\$ 796.38	\$ 1,067.38	74.61%
59426	0	0	1,862	\$ 1,106,389	\$ 604.35	\$ 818.37	73.85%
H1005	0	0	1,760	\$ 902,072	Manually Priced	Manually Priced	None
59515	0	0	712	\$ 644,734	\$ 925.10	\$ 1,334.24	69.34%
59425	0	0	1,417	\$ 468,758	\$ 337.62	\$ 457.18	73.85%
59025	26	0	12,388	\$ 339,020	\$ 27.88	\$ 33.99	82.02%
59610	0	0	271	\$ 319,030	\$ 1,209.72	\$ 2,123.70	56.96%
59025	0	0	8,786	\$ 302,449	\$ 35.11	\$ 47.73	73.56%
59612	0	0	326	\$ 236,501	\$ 739.25	\$ 999.50	73.96%
59899	0	0	102	\$ 184,952	Manually Priced	Manually Priced	None
59430	0	0	773	\$ 103,072	\$ 136.63	\$ 185.54	73.64%

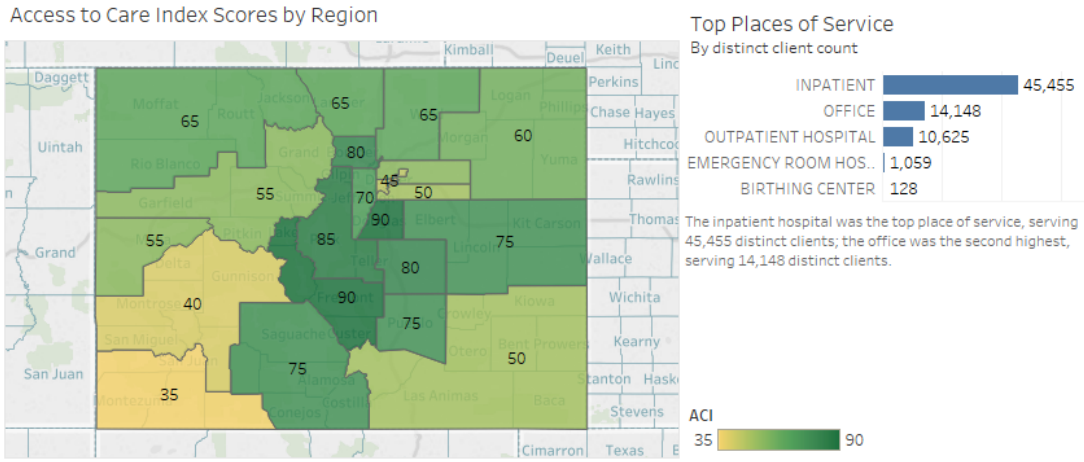
Provider Location Map



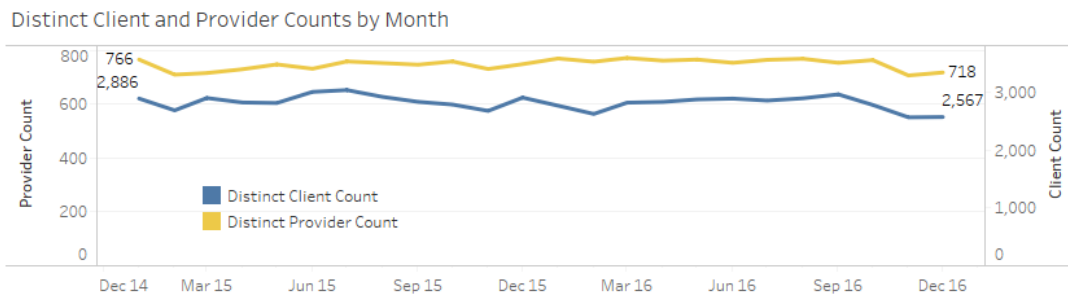
Additional Access to Care Analysis Information

Access to Care Visuals and Charts

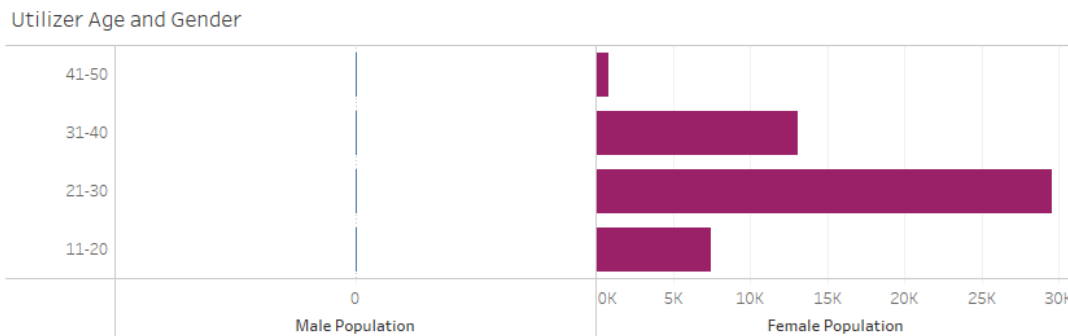
Access and Utilization - Maternity Services



Access to Care Index (ACI) scores range from 45 to 90. Please refer to the following page for individual metric performance and score calculations.



Distinct client counts decreased from 2,886 in December 2014 to 2,567 in December 2016, and there was a 1.64% year over year decrease from CY 2015 to CY 2016. Providers decreased from 766 in December 2014 to 718 in December 2016, and there was a 3.68% year over year increase from CY 2015 to CY 2016.

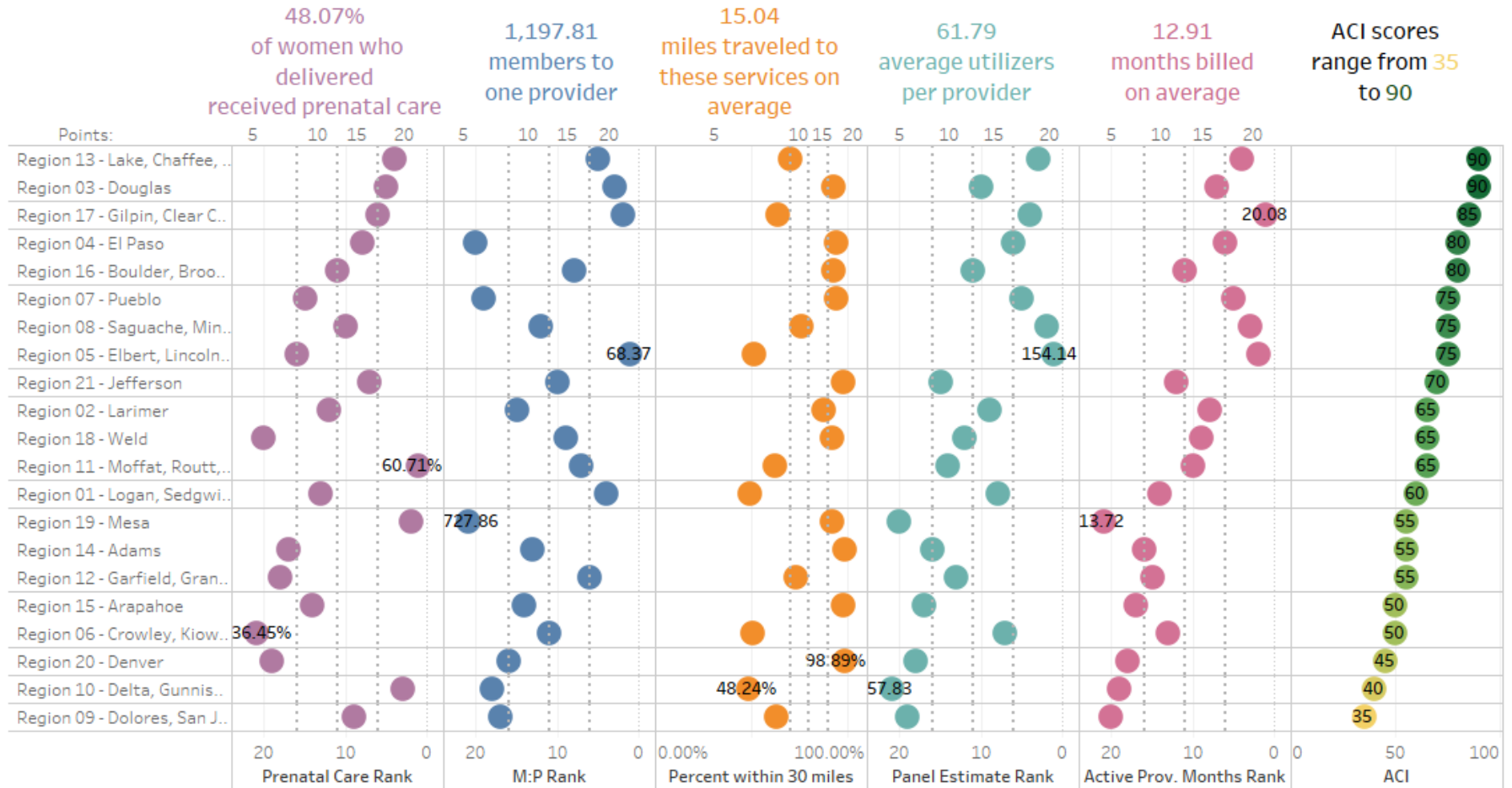


Women between the ages of 21-30 were the highest utilizers of these services.



ACI Metric Performance and Score Calculation - Maternity Services

How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except for the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



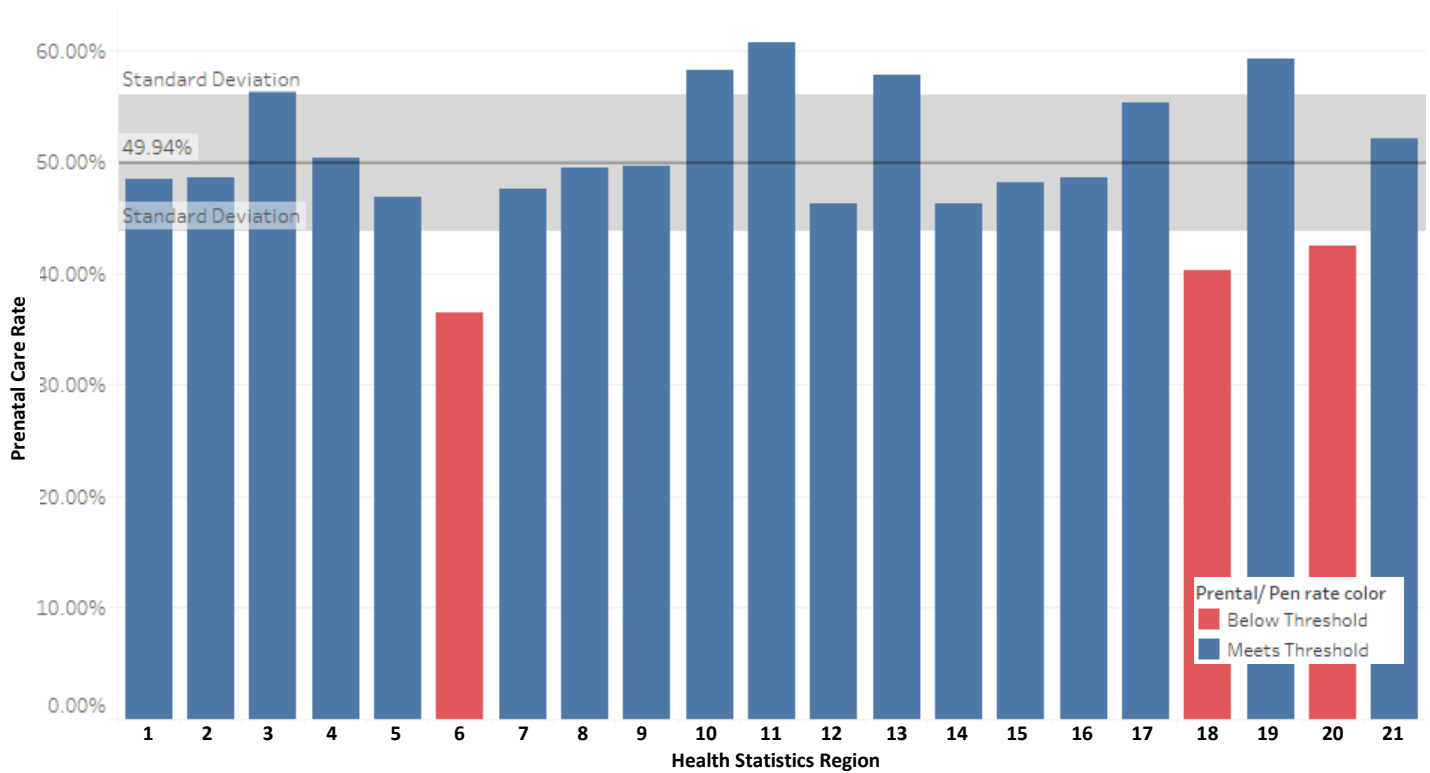
The percent of women who delivered who received prenatal care ranges from 36.45% to 60.71%. The member to provider ratio ranges from 68.37 members per provider to 727.86. The distance metric ranges from 48.24% of utilizers traveling within 30 miles to 98.89%. Panels range from an average of 57.83 utilizers per provider to 154.14. Providers were active from an average of 13.72 months to 20.08. The resulting ACI scores range from 35 to 90.



Detailed ACI Metric Information

Prenatal Care Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

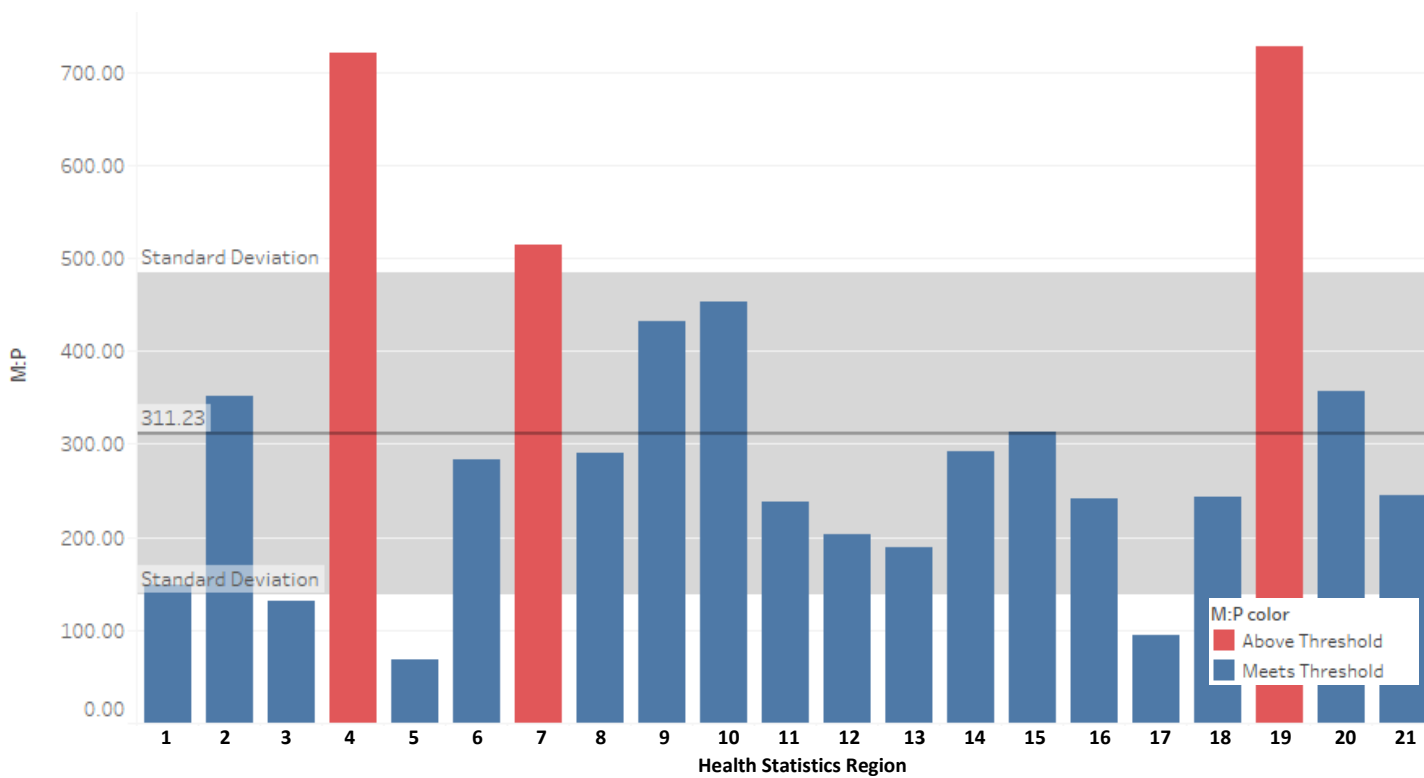


Maternity Services – Year Over Year (YoY) Change in Prenatal Care Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	49.91%	46.89%	-3.02%	Region 12	45.25%	46.35%	1.09%
Region 2	47.81%	48.34%	0.52%	Region 13	58.74%	56.29%	-2.45%
Region 3	56.21%	56.44%	0.23%	Region 14	46.26%	45.65%	-0.61%
Region 4	47.57%	52.43%	4.85%	Region 15	48.00%	47.30%	-0.70%
Region 5	46.79%	46.24%	-0.56%	Region 16	48.41%	48.48%	0.06%
Region 6	36.73%	34.22%	-2.52%	Region 17	53.97%	54.96%	0.99%
Region 7	46.01%	47.70%	1.69%	Region 18	38.95%	40.11%	1.17%
Region 8	48.02%	50.39%	2.37%	Region 19	61.42%	58.51%	-2.90%
Region 9	48.23%	49.73%	1.50%	Region 20	41.35%	42.57%	1.22%
Region 10	56.22%	59.57%	3.36%	Region 21	50.12%	53.28%	3.16%
Region 11	60.76%	59.65%	-1.11%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

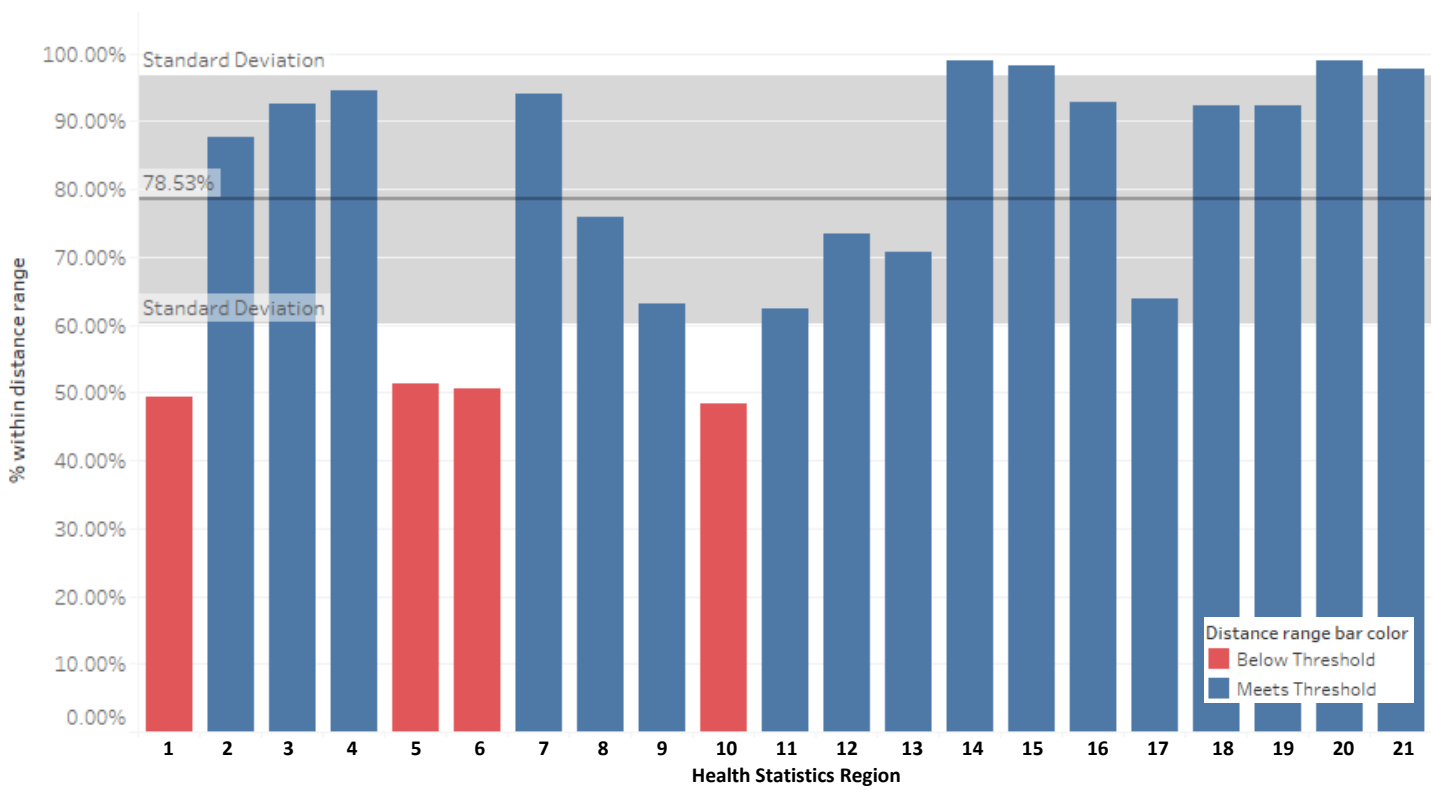


Maternity Services – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	105.00	157.50	52.50	Region 12	300.37	277.26	-23.11
Region 2	278.94	204.30	-74.65	Region 13	279.05	271.57	-7.47
Region 3	502.23	467.60	-34.64	Region 14	374.90	360.65	-14.24
Region 4	196.81	193.24	-3.58	Region 15	390.08	380.09	-9.98
Region 5	1,054.77	1,068.59	13.82	Region 16	338.45	326.10	-12.35
Region 6	124.31	104.18	-20.13	Region 17	138.31	134.30	-4.01
Region 7	386.04	487.63	101.59	Region 18	342.93	323.25	-19.68
Region 8	655.10	748.69	93.59	Region 19	1,255.55	930.04	-325.51
Region 9	418.69	508.41	89.72	Region 20	453.19	428.40	-24.79
Region 10	718.84	643.18	-75.67	Region 21	308.96	318.39	9.42
Region 11	734.08	622.10	-111.98				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

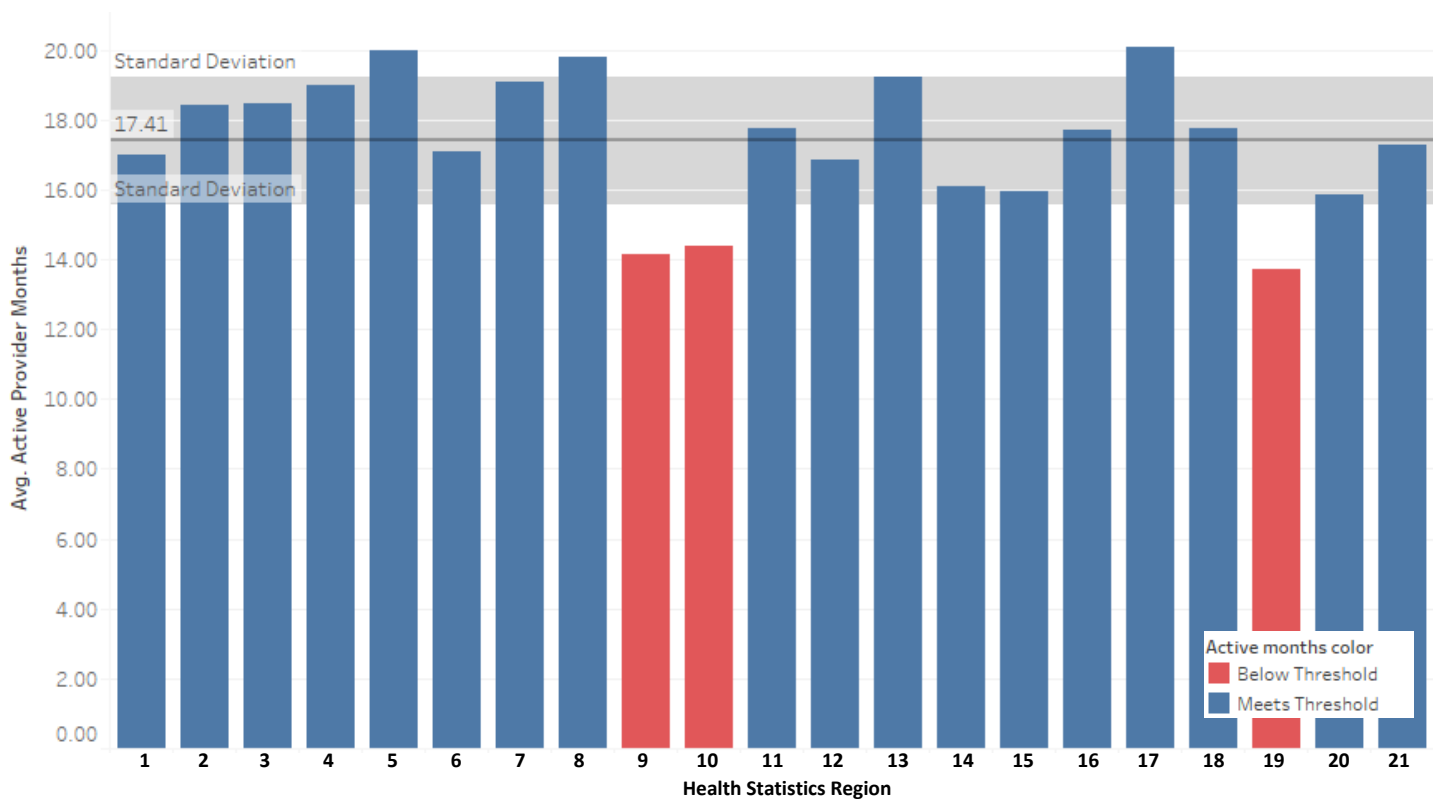


Maternity Services – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	46.55%	49.80%	3.26%	Region 12	74.23%	71.83%	-2.40%
Region 2	87.32%	87.10%	-0.22%	Region 13	68.97%	69.10%	0.14%
Region 3	92.90%	91.65%	-1.26%	Region 14	98.72%	98.84%	0.12%
Region 4	95.18%	93.64%	-1.53%	Region 15	98.24%	97.96%	-0.28%
Region 5	52.90%	50.66%	-2.24%	Region 16	94.02%	91.32%	-2.70%
Region 6	51.67%	50.84%	-0.83%	Region 17	65.41%	64.40%	-1.01%
Region 7	94.30%	93.16%	-1.15%	Region 18	92.16%	92.00%	-0.17%
Region 8	73.04%	77.81%	4.77%	Region 19	94.81%	90.71%	-4.09%
Region 9	62.43%	62.48%	0.05%	Region 20	98.80%	98.86%	0.06%
Region 10	48.22%	46.78%	-1.44%	Region 21	97.74%	97.86%	0.12%
Region 11	69.90%	53.99%	-15.91%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

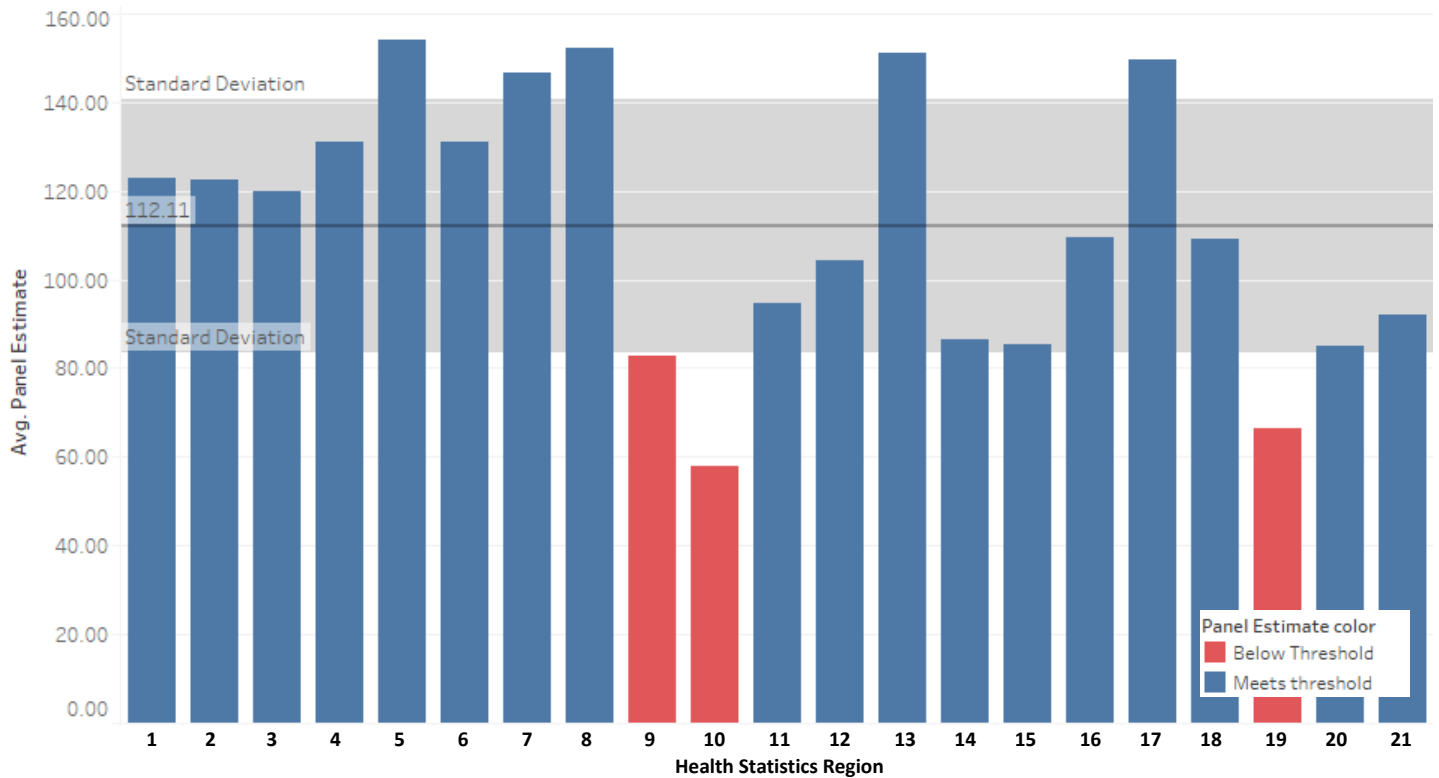


Maternity Services – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	17.56	17.52	-0.04	Region 12	17.30	17.38	0.08
Region 2	18.80	18.61	-0.20	Region 13	19.82	19.68	-0.14
Region 3	19.03	18.76	-0.27	Region 14	17.81	16.99	-0.82
Region 4	19.49	19.66	0.16	Region 15	17.12	16.98	-0.14
Region 5	20.55	20.28	-0.27	Region 16	18.81	17.70	-1.11
Region 6	17.29	17.71	0.42	Region 17	21.19	20.58	-0.61
Region 7	18.80	19.84	1.04	Region 18	18.85	18.35	-0.50
Region 8	20.32	20.36	0.03	Region 19	14.75	12.43	-2.32
Region 9	14.29	15.11	0.81	Region 20	17.24	16.90	-0.34
Region 10	13.30	16.02	2.72	Region 21	18.57	18.18	-0.39
Region 11	18.11	17.27	-0.85				

Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.





Maternity Services – Year Over Year (YoY) Change in Panel Size by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	271.67	207.00	-64.67	Region 12	101.04	111.07	10.03
Region 2	122.43	132.19	9.76	Region 13	166.81	149.53	-17.28
Region 3	119.01	116.95	-2.06	Region 14	96.30	94.65	-1.65
Region 4	115.68	125.00	9.31	Region 15	88.93	92.46	3.52
Region 5	150.08	146.48	-3.60	Region 16	123.59	114.23	-9.35
Region 6	151.64	147.91	-3.72	Region 17	168.78	164.52	-4.25
Region 7	131.56	139.78	8.21	Region 18	116.82	120.12	3.31
Region 8	151.71	157.92	6.20	Region 19	83.35	37.56	-45.79
Region 9	145.31	155.91	10.60	Region 20	93.93	89.76	-4.18
Region 10	84.29	82.46	-1.84	Region 21	100.99	99.18	-1.81
Region 11	39.70	65.98	26.28				

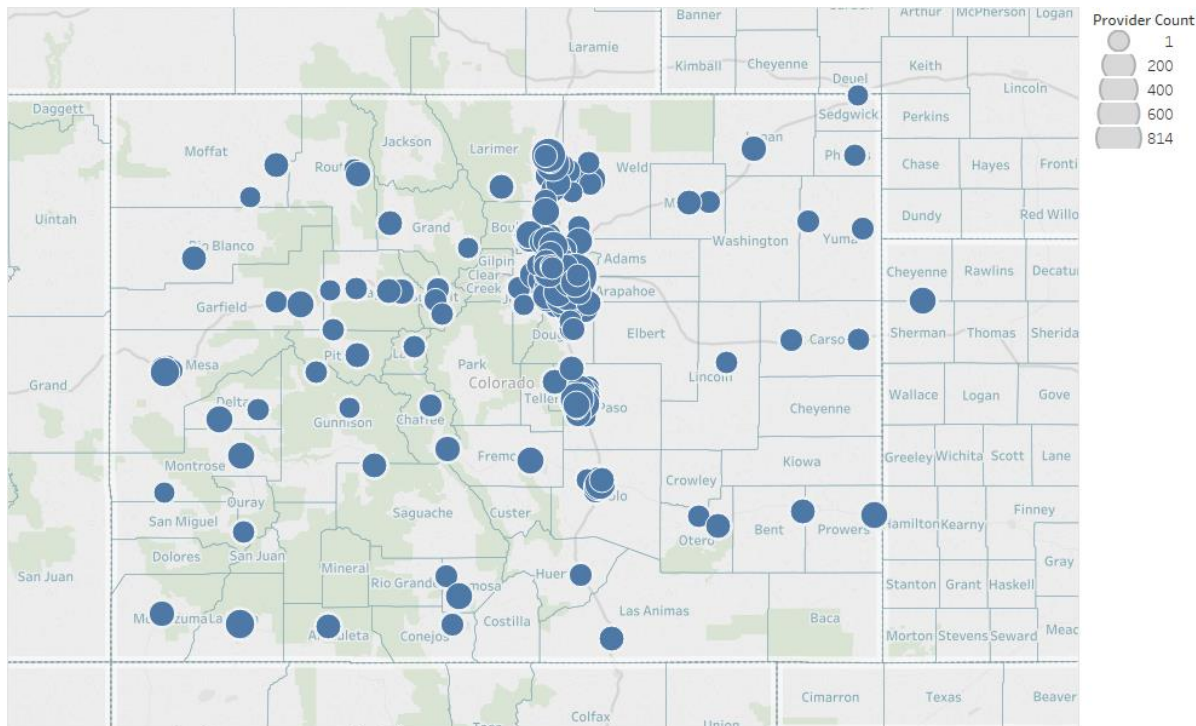


5. Surgery Services

Top 15 Procedures by Total Paid

Surgeries	Procedure Code	Modifier #1	Modifier #2	IBNR Adjusted		CO 7-1-17 Rate	Non-Facility Benchmark Rate	Rate Ratio
				Allowed Units	Paid Dollars			
	64483	0	0	4,353	\$ 649,845	\$ 153.49	\$ 224.01	68.52%
	62311	0	0	4,390	\$ 646,600	Multiple	Multiple	Multiple
	64635	0	0	1,764	\$ 615,007	\$ 353.10	\$ 426.17	82.85%
	58571	0	0	1,110	\$ 486,884	\$ 597.81	\$ 930.58	64.24%
	64615	0	0	2,978	\$ 331,512	\$ 112.54	\$ 151.71	74.18%
	63030	0	0	435	\$ 288,117	\$ 707.59	\$ 1,027.60	68.86%
	64493	0	0	3,497	\$ 285,708	\$ 89.13	\$ 176.09	50.62%
	62310	0	0	1,945	\$ 284,371	\$ 94.75	Multiple	Multiple
	64633	0	0	753	\$ 268,510	\$ 359.30	\$ 430.89	83.39%
	58662	0	0	620	\$ 261,620	\$ 503.50	\$ 733.43	68.65%
	57454	0	0	2,409	\$ 261,262	\$ 108.41	\$ 157.35	68.90%
	64484	0	0	2,086	\$ 240,592	\$ 116.67	\$ 89.95	129.71%
	63047	0	0	335	\$ 235,468	\$ 916.15	\$ 1,168.18	78.43%
	50590	0	0	417	\$ 231,471	\$ 561.67	\$ 748.94	75.00%
	64721	0	0	892	\$ 231,017	\$ 275.33	\$ 447.21	61.57%

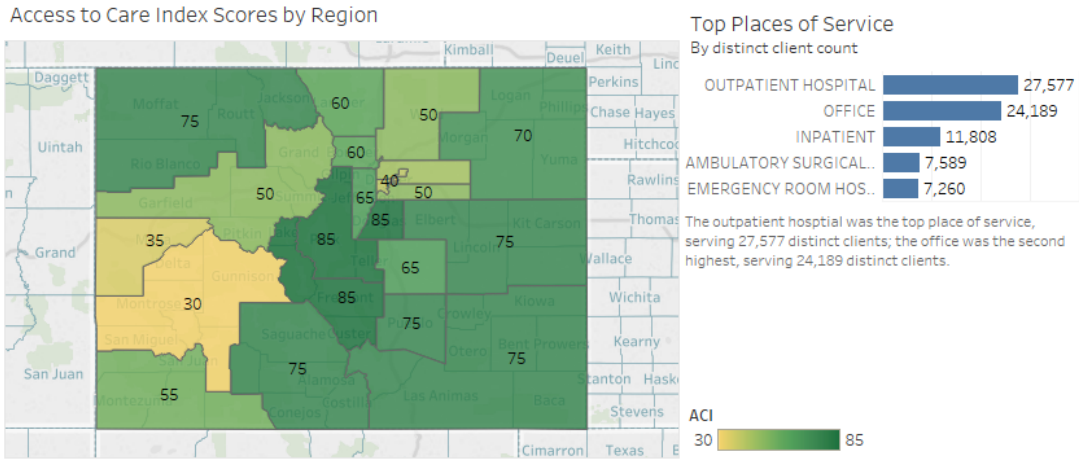
Provider Location Map



Additional Access to Care Analysis Information

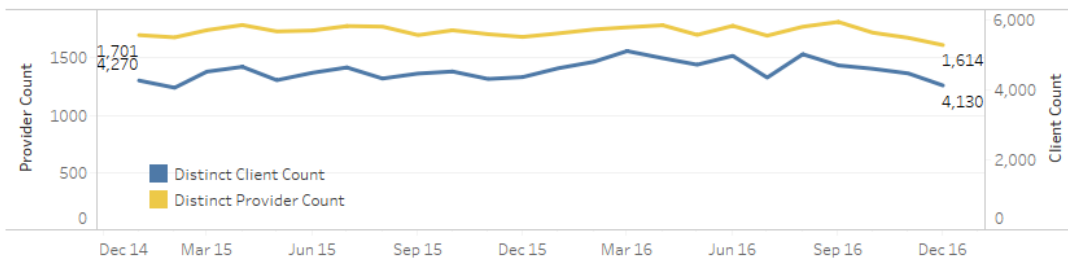
Access to Care Visuals and Charts

Access and Utilization - Surgeries



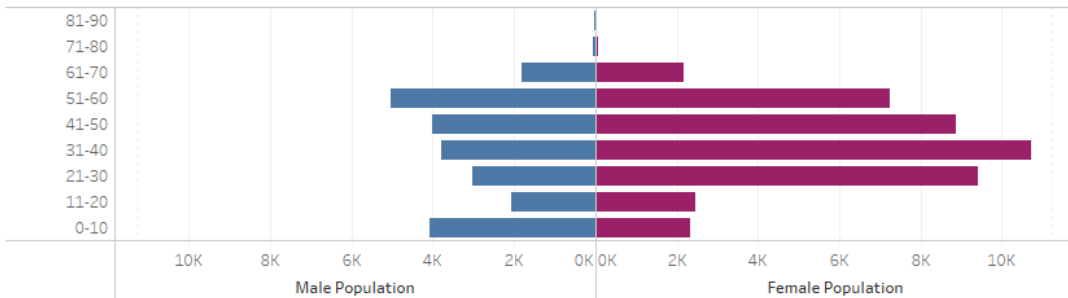
Access to Care Index (ACI) scores range from 30 to 85. Please refer to the following page for individual metric performance and score calculations.

Distinct Client and Provider Counts by Month



Distinct client counts decreased from 4,270 in December 2014 to 4,130 in December 2016, and there was a 4.25% year over year increase from CY 2015 to CY 2016. Providers decreased from 1,701 in December 2014 to 1,614 in December 2016, and there was a 2.71% year over year increase from CY 2015 to CY 2016.

Utilizer Age and Gender

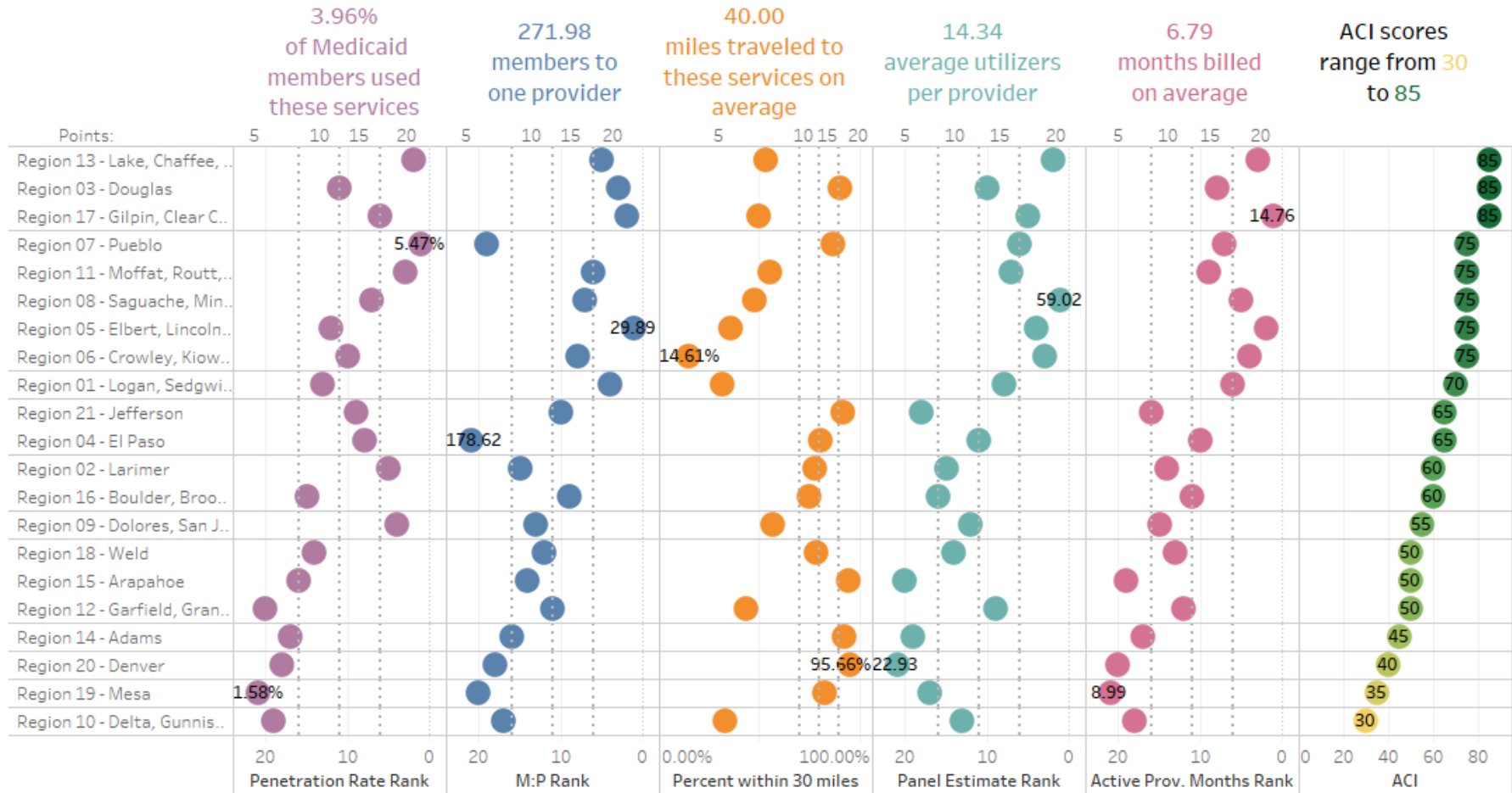


Women between the ages of 31 and 40 were the highest utilizers of these surgeries.



ACI Metric Performance and Score Calculation - Surgeries

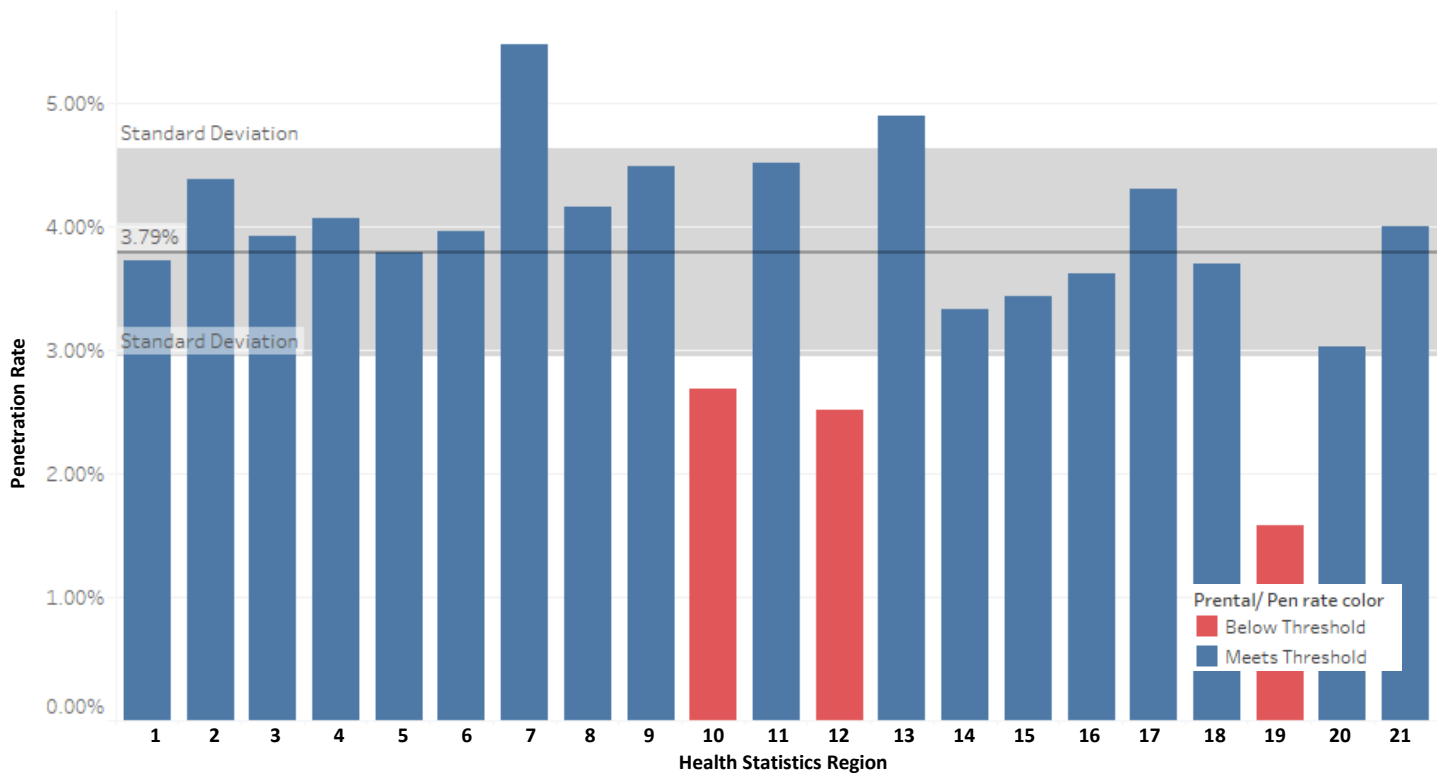
How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



Detailed ACI Metric Information

Penetration Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

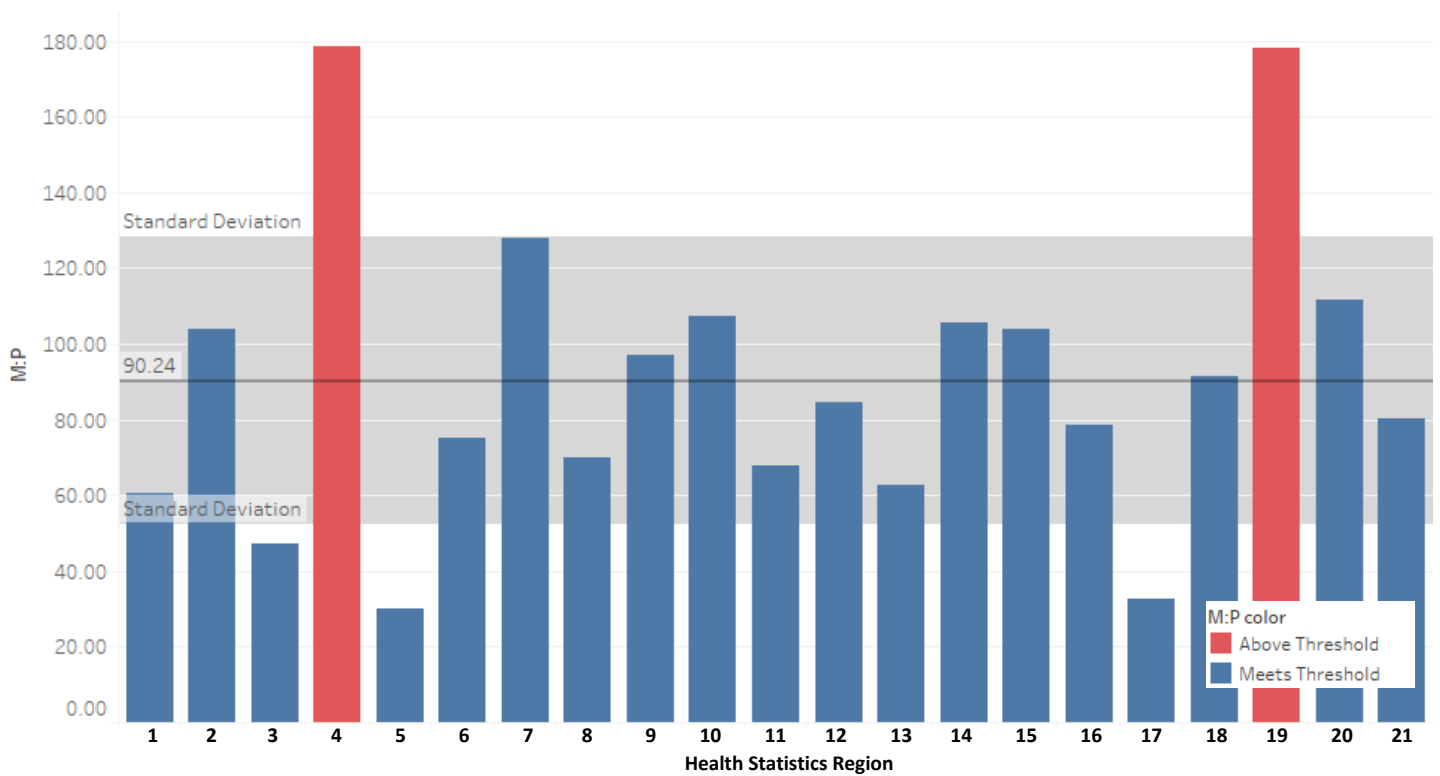


Surgeries – Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	2.12%	2.08%	-0.03%	Region 12	1.32%	1.43%	0.12%
Region 2	2.40%	2.59%	0.19%	Region 13	2.75%	2.86%	0.11%
Region 3	2.12%	2.26%	0.14%	Region 14	1.81%	1.89%	0.08%
Region 4	2.18%	2.40%	0.22%	Region 15	1.97%	1.88%	-0.09%
Region 5	2.03%	2.21%	0.18%	Region 16	1.94%	2.08%	0.15%
Region 6	2.34%	2.20%	-0.14%	Region 17	2.38%	2.60%	0.22%
Region 7	3.19%	3.25%	0.06%	Region 18	2.00%	2.20%	0.20%
Region 8	2.39%	2.28%	-0.11%	Region 19	0.80%	0.85%	0.05%
Region 9	2.45%	2.52%	0.07%	Region 20	1.68%	1.66%	-0.02%
Region 10	1.38%	1.60%	0.22%	Region 21	2.22%	2.32%	0.10%
Region 11	2.42%	2.56%	0.13%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

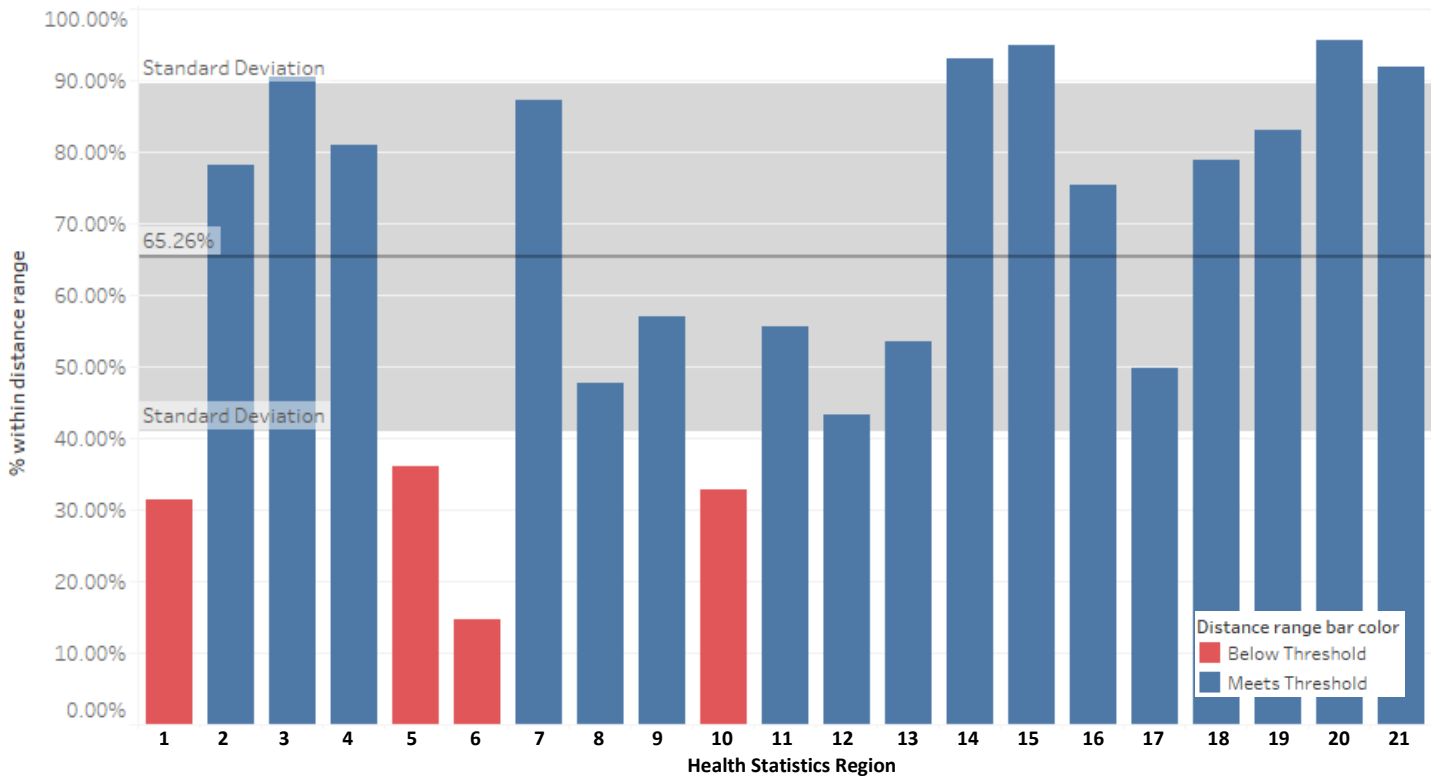


Surgeries – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	315.00	472.50	157.50	Region 12	134.74	129.89	-4.86
Region 2	97.35	91.23	-6.12	Region 13	100.05	95.05	-5.00
Region 3	148.32	147.39	-0.92	Region 14	148.52	154.79	6.28
Region 4	73.04	70.50	-2.54	Region 15	145.60	144.78	-0.81
Region 5	256.24	241.33	-14.91	Region 16	121.90	113.97	-7.93
Region 6	51.12	51.84	0.73	Region 17	54.19	49.82	-4.37
Region 7	118.40	114.38	-4.02	Region 18	134.92	137.17	2.25
Region 8	192.43	184.08	-8.35	Region 19	275.95	241.45	-34.49
Region 9	109.08	113.88	4.80	Region 20	161.79	153.28	-8.51
Region 10	146.64	157.34	10.70	Region 21	116.91	108.98	-7.93
Region 11	169.93	161.69	-8.23				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

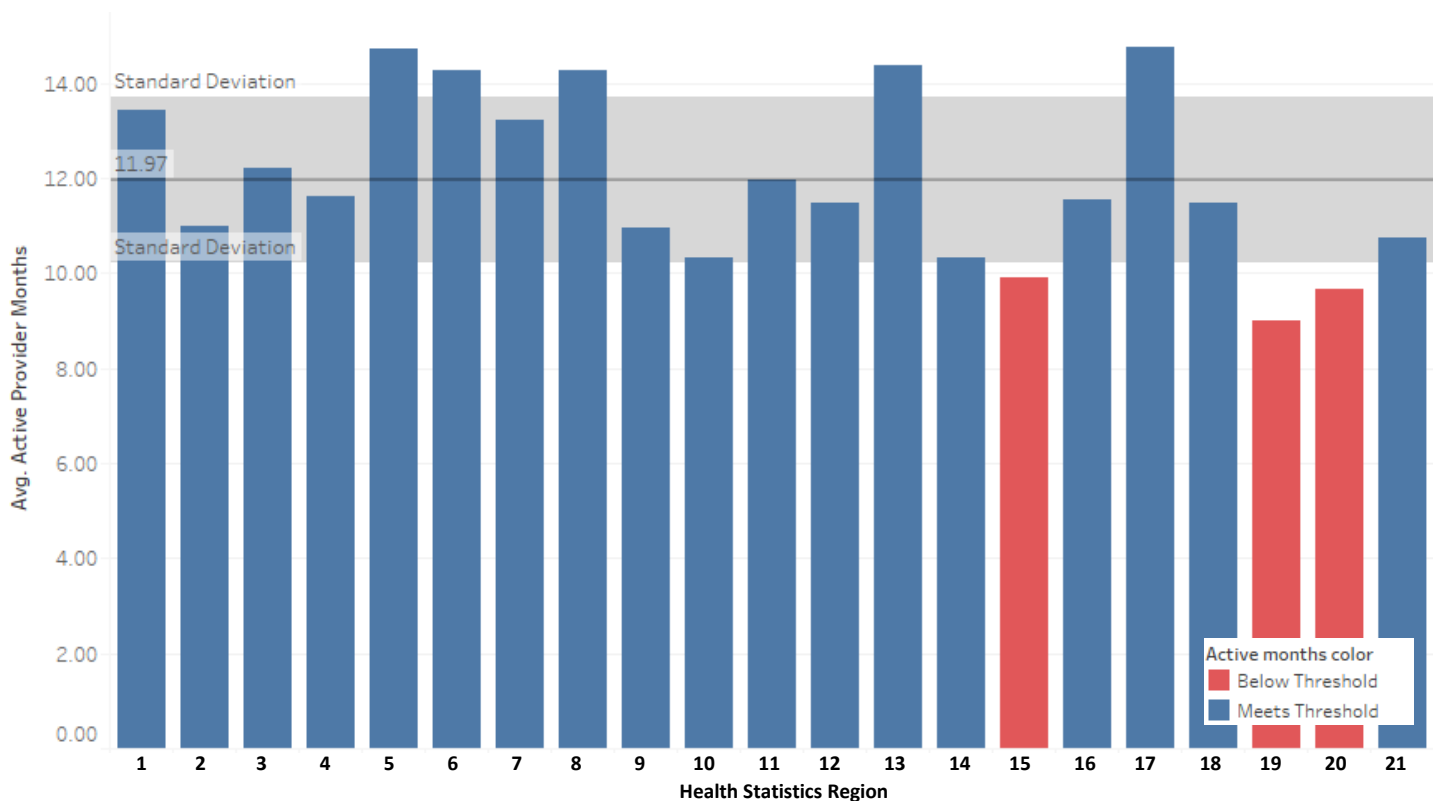


Surgeries – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	31.43%	28.81%	-2.63%	Region 12	41.12%	42.65%	1.52%
Region 2	77.44%	77.22%	-0.21%	Region 13	50.06%	52.53%	2.47%
Region 3	89.23%	91.36%	2.13%	Region 14	92.81%	92.39%	-0.41%
Region 4	81.70%	79.23%	-2.46%	Region 15	94.55%	94.57%	0.03%
Region 5	31.53%	36.36%	4.83%	Region 16	75.10%	74.58%	-0.52%
Region 6	12.82%	14.23%	1.42%	Region 17	47.96%	48.34%	0.38%
Region 7	88.17%	85.92%	-2.26%	Region 18	78.95%	76.98%	-1.98%
Region 8	45.15%	45.15%	0.00%	Region 19	80.89%	84.15%	3.26%
Region 9	54.79%	57.03%	2.25%	Region 20	95.11%	95.81%	0.71%
Region 10	32.87%	29.98%	-2.89%	Region 21	91.22%	91.09%	-0.13%
Region 11	55.78%	53.70%	-2.08%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

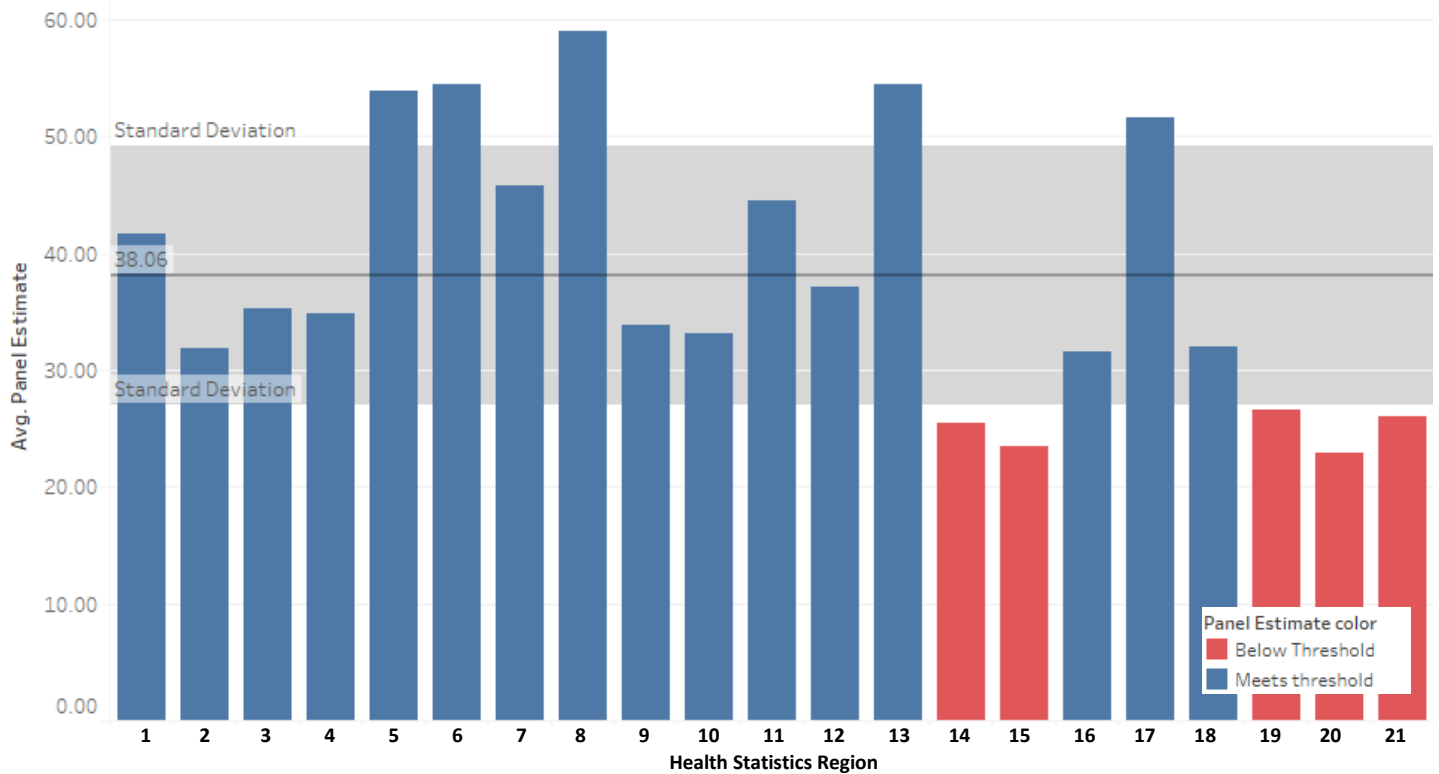


Surgeries – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	14.45	14.19	-0.27	Region 12	12.00	12.10	0.10
Region 2	12.02	11.62	-0.40	Region 13	14.94	15.40	0.46
Region 3	13.12	13.07	-0.05	Region 14	11.71	11.65	-0.06
Region 4	12.75	12.38	-0.38	Region 15	11.15	11.30	0.15
Region 5	15.69	15.20	-0.49	Region 16	12.37	12.58	0.22
Region 6	15.29	15.06	-0.24	Region 17	15.95	15.61	-0.33
Region 7	14.03	14.10	0.07	Region 18	12.66	12.61	-0.06
Region 8	14.68	15.33	0.65	Region 19	9.23	9.46	0.23
Region 9	11.53	10.98	-0.55	Region 20	11.10	10.78	-0.32
Region 10	10.64	10.75	0.11	Region 21	12.02	11.96	-0.06
Region 11	12.37	11.90	-0.47				

Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.





Surgeries – Year Over Year (YoY) Change in Panel Size by Region

	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	48.05	48.44	0.39	Region 12	41.75	43.66	1.91
Region 2	35.63	34.39	-1.24	Region 13	64.03	63.67	-0.36
Region 3	39.82	40.51	0.69	Region 14	30.05	30.46	0.41
Region 4	40.61	39.27	-1.34	Region 15	PHI	PHI	0.37
Region 5	64.45	59.19	-5.25	Region 16	35.50	37.21	1.72
Region 6	64.37	61.95	-2.42	Region 17	61.15	59.70	-1.46
Region 7	53.63	51.22	-2.42	Region 18	36.76	37.30	0.54
Region 8	62.89	70.09	7.20	Region 19	PHI	PHI	4.26
Region 9	36.24	31.79	-4.46	Region 20	PHI	PHI	-0.44
Region 10	31.23	36.31	5.08	Region 21	30.86	30.17	-0.69
Region 11	48.01	46.08	-1.93				

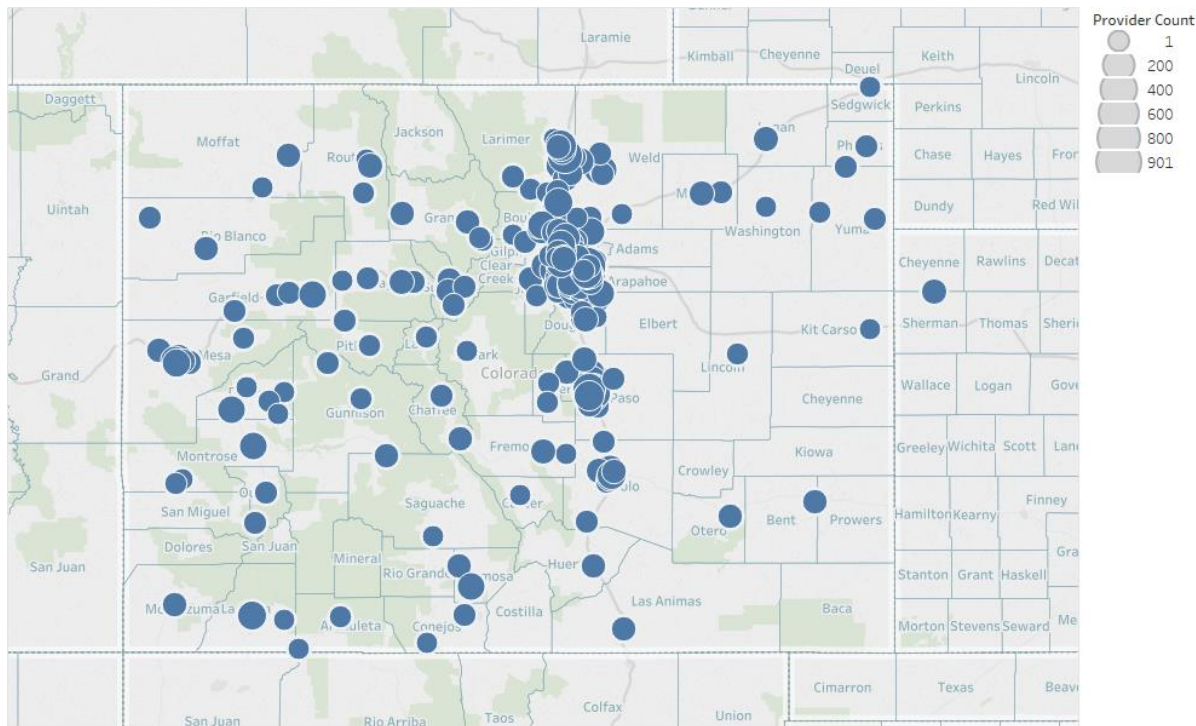


6. Other Physician Services

Top 15 Procedures by Total Paid

Other Physician Services			IBNR Adjusted			Non-Facility	
Procedure Code	Modifier #1	Modifier #2	Allowed Units	Paid Dollars	CO 7-1-17 Rate	Benchmark Rate	Rate Ratio
95165	0	0	194,708	\$ 1,439,411	\$ 7.44	\$ 13.46	55.26%
96372	0	0	55,711	\$ 847,574	\$ 15.36	\$ 26.15	58.73%
95004	0	0	313,685	\$ 685,593	\$ 2.21	\$ 6.93	31.87%
96413	0	0	5,102	\$ 590,407	\$ 117.07	\$ 141.70	82.62%
95951	26	0	3,023	\$ 570,771	\$ 189.80	\$ 329.59	57.59%
95811	26	0	3,162	\$ 519,084	\$ 165.51	\$ 129.96	127.36%
95117	0	0	31,325	\$ 376,213	\$ 12.22	\$ 10.58	115.48%
99173	0	0	37,670	\$ 359,753	\$ 9.99	\$ 3.23	309.29%
99144	0	0	6,499	\$ 333,064	\$ 25.52	\$ 52.72	48.41%
95810	26	0	3,276	\$ 274,495	\$ 84.22	\$ 124.89	67.43%
95886	0	0	2,949	\$ 203,218	\$ 69.29	\$ 93.59	74.03%
95813	26	0	728	\$ 183,490	\$ 263.17	\$ 89.63	293.63%
95812	26	0	804	\$ 147,622	\$ 199.48	\$ 59.27	336.57%
99174	0	0	8,479	\$ 140,959	\$ 16.77	\$ 6.39	262.44%
95911	0	0	779	\$ 136,204	\$ 176.34	\$ 241.50	73.02%

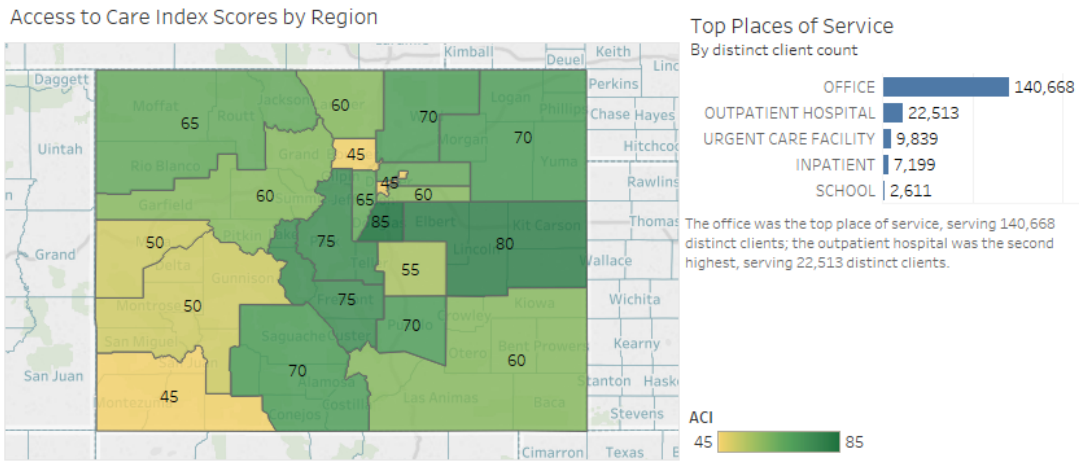
Provider Location Map



Additional Access to Care Analysis Information

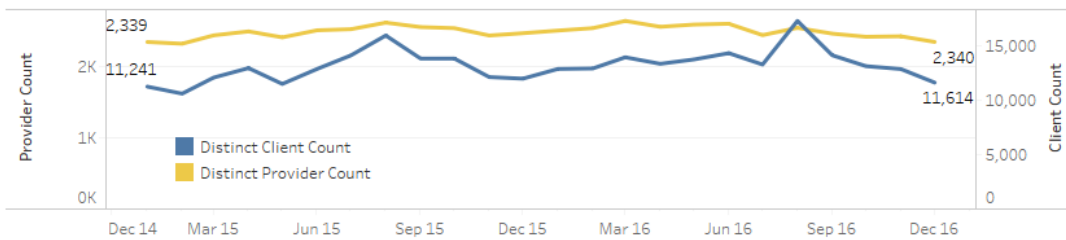
Access to Care Visuals and Charts

Access and Utilization - Other Services and Procedures



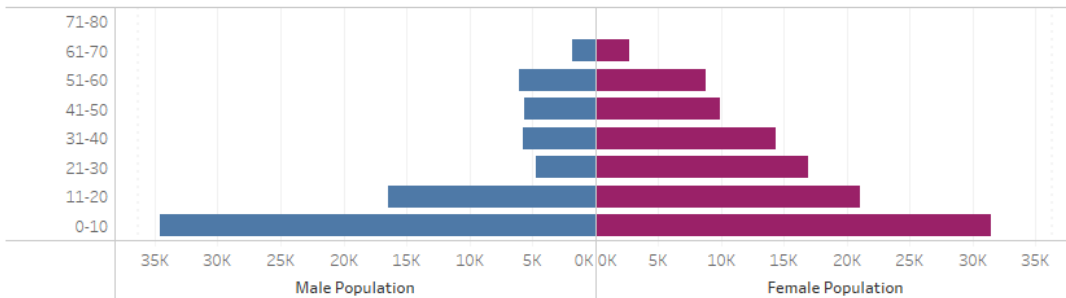
Access to Care Index (ACI) scores range from 45 to 85. Please refer to the following page for individual metric performance and score calculations.

Distinct Client and Provider Counts by Month



Distinct client counts increased from 11,241 in December 2014 to 11,614 in December 2016, and there was a 6.10% year over year increase from CY 2015 to CY 2016. Providers remained constant with 2,339 in December 2014 to 2,340 in December 2016, and there was a 3.55% year over year increase from CY 2015 to CY 2016.

Utilizer Age and Gender

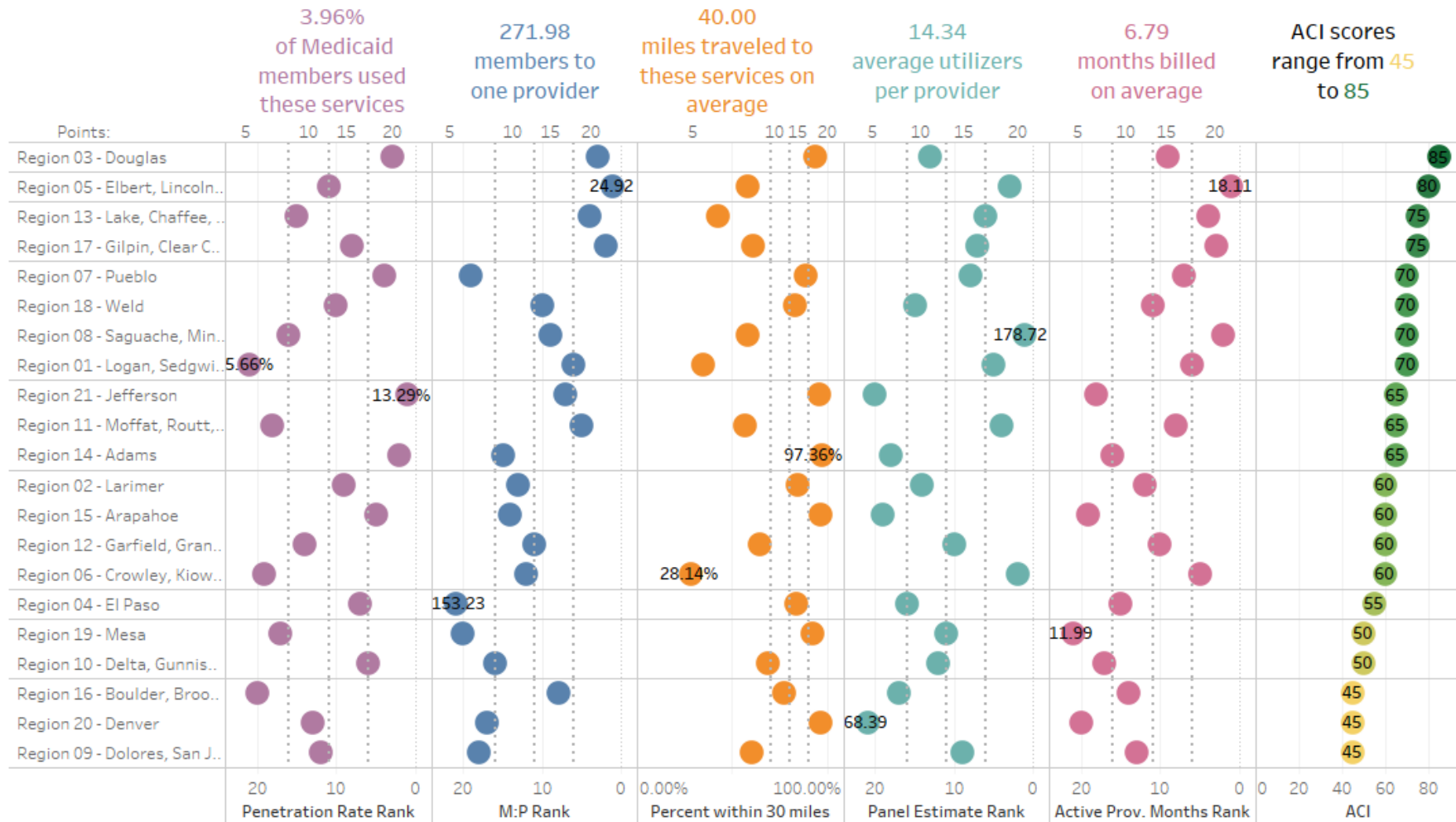


Children under the age of 10 were the highest utilizers of these services.



ACI Metric Performance and Score Calculation - Other Services and Procedures

How to read this chart: The ACI dot plot displays information for each metric in every region. Metrics are displayed in columns and each circle represents the rank of the region for each metric (except the distance metric). Regions in the top quartile receive 20 points while those in the bottom receive 5 (quartiles are outlined with dotted vertical lines). For the distance metric, points are distributed based on the percent of utilizers that traveled within 30 miles. For context, the highest and lowest regions are labeled on the performance of each metric. Resulting ACI scores are presented in the last column. Statewide performance on the metrics are described above each metric on the chart.



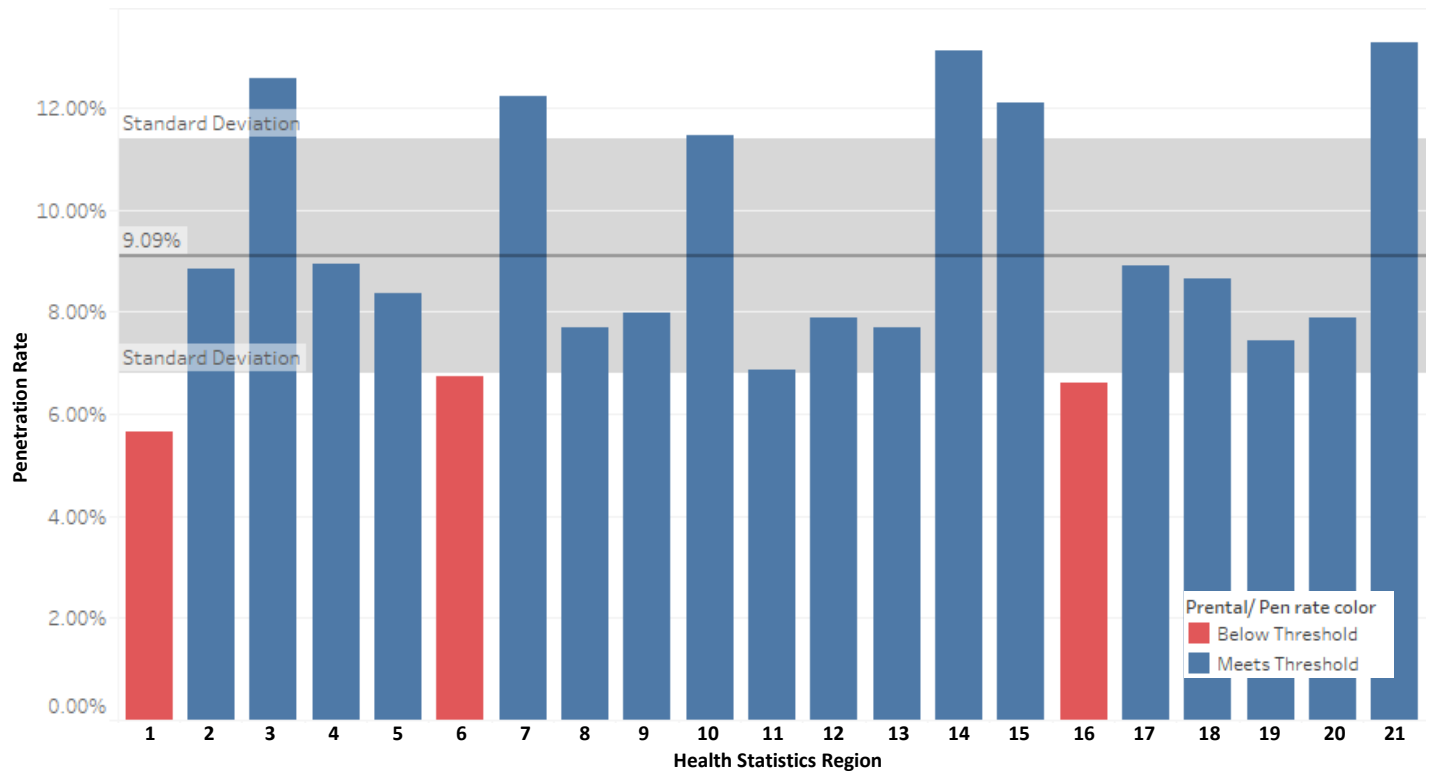
The penetration rate ranges from 5.66% to 13.29%. The member to provider ratio ranges from 24.92 members per provider to 153.23. The distance metric ranges from 28.14% of utilizers traveling within 30 miles to 97.36%. Panels range from an average of 68.39 utilizers per provider to 178.72. Providers were active from an average of 11.99 months to 18.11. The resulting ACI scores range from 45 to 85.



Detailed ACI Metric Information

Penetration Rate Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

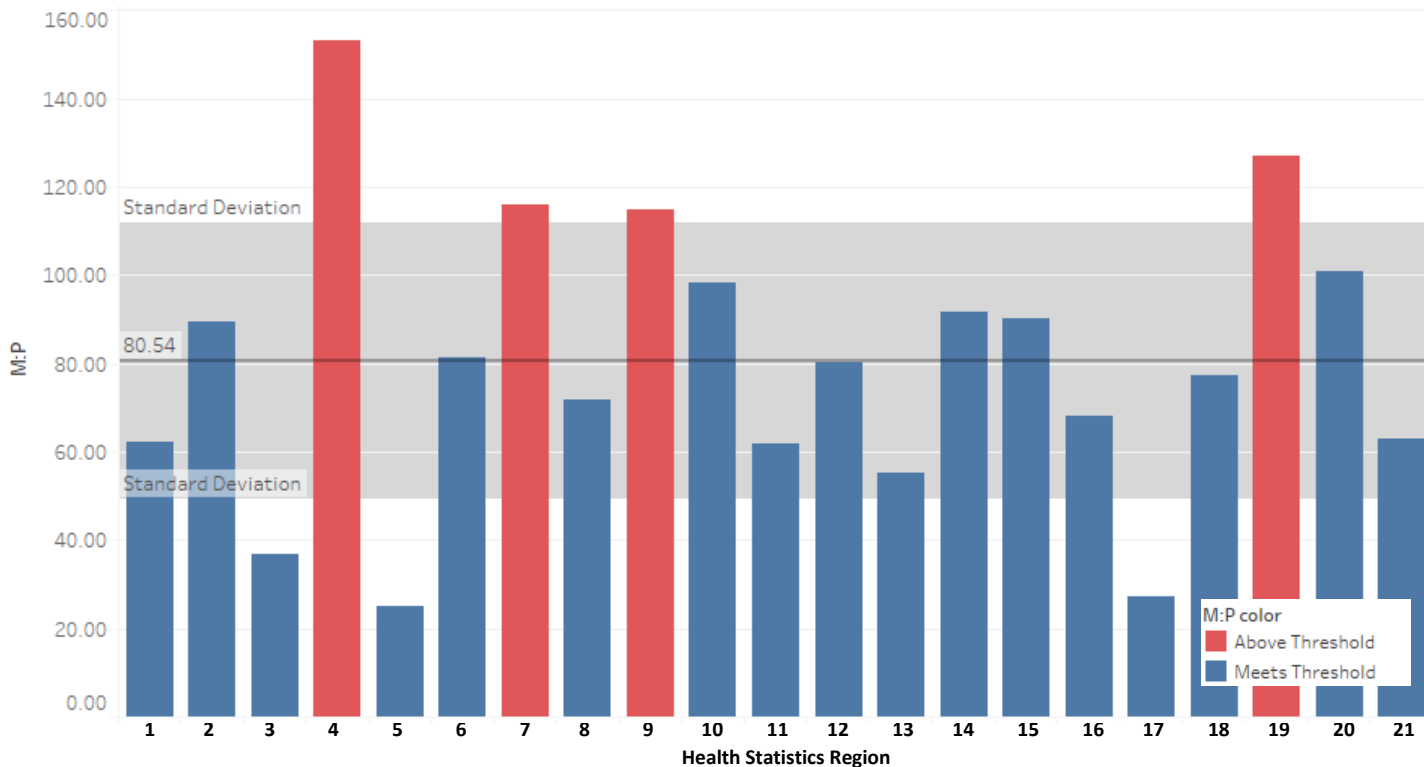


Other Physician Services – Year Over Year (YoY) Change in Penetration Rate by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	3.36%	3.12%	-0.24%	Region 12	4.87%	4.44%	-0.43%
Region 2	4.92%	5.31%	0.39%	Region 13	4.46%	4.37%	-0.09%
Region 3	7.72%	7.42%	-0.29%	Region 14	7.96%	7.95%	-0.01%
Region 4	4.61%	5.75%	1.14%	Region 15	7.37%	7.13%	-0.24%
Region 5	4.96%	4.88%	-0.08%	Region 16	3.72%	3.85%	0.13%
Region 6	3.64%	4.19%	0.55%	Region 17	5.25%	5.09%	-0.16%
Region 7	7.15%	7.52%	0.37%	Region 18	4.91%	5.26%	0.35%
Region 8	4.38%	4.49%	0.11%	Region 19	2.34%	5.65%	3.31%
Region 9	3.83%	5.07%	1.24%	Region 20	4.77%	4.65%	-0.12%
Region 10	6.35%	7.29%	0.94%	Region 21	8.01%	8.18%	0.18%
Region 11	3.38%	4.34%	0.95%				



Member-to-Provider Ratio Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

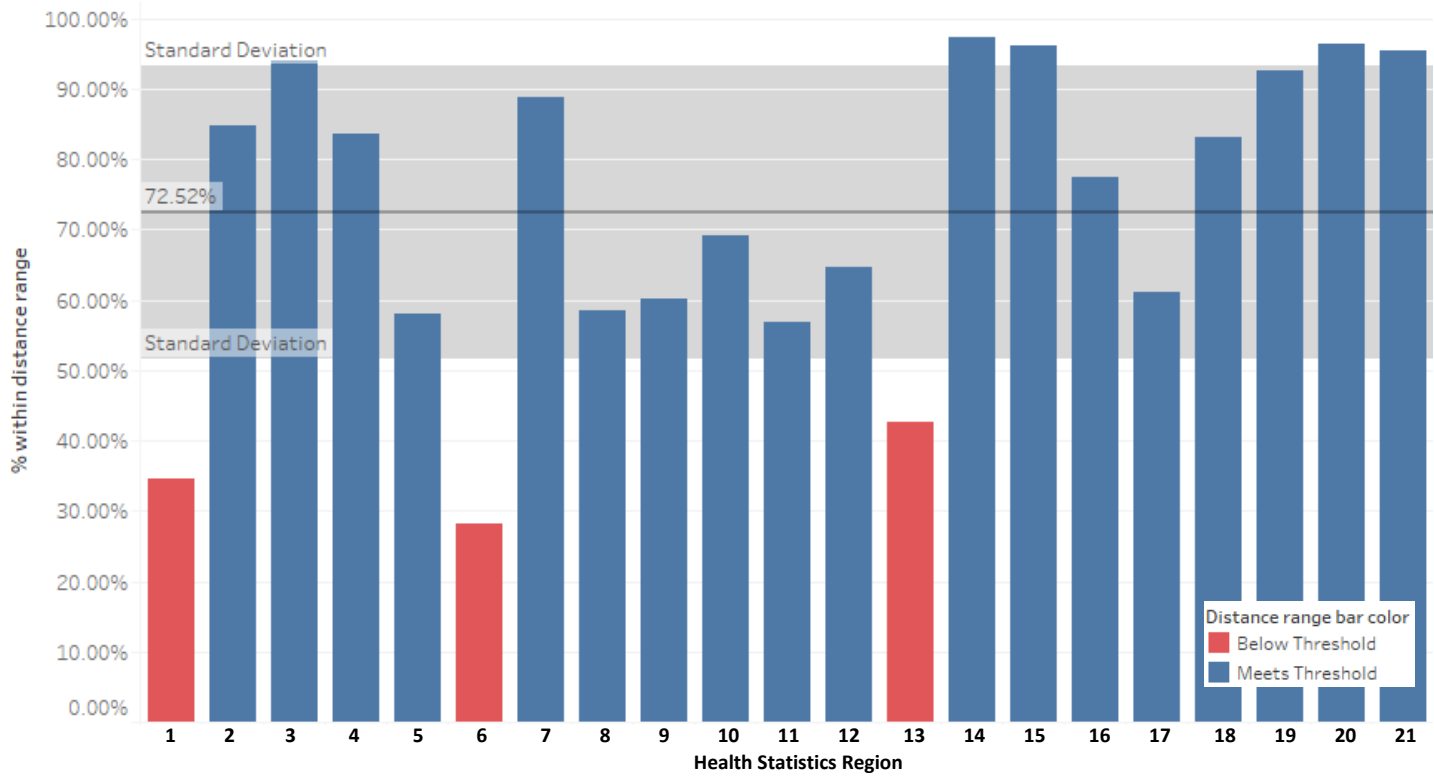


Other Physician Services – Year Over Year (YoY) Change in Member-to-Provider Ratio by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	59.06	118.13	59.06	Region 12	125.01	116.58	-8.42
Region 2	94.50	96.06	1.56	Region 13	88.42	79.62	-8.80
Region 3	127.41	118.95	-8.46	Region 14	123.12	125.19	2.07
Region 4	52.94	51.16	-1.78	Region 15	121.51	120.18	-1.33
Region 5	224.71	200.25	-24.46	Region 16	97.55	93.56	-3.98
Region 6	39.92	37.59	-2.33	Region 17	43.10	40.11	-2.99
Region 7	130.49	112.30	-18.19	Region 18	111.34	105.00	-6.34
Region 8	175.04	156.86	-18.18	Region 19	196.95	163.59	-33.36
Region 9	105.06	118.14	13.08	Region 20	138.31	135.98	-2.33
Region 10	168.94	180.60	11.65	Region 21	86.22	87.82	1.61
Region 11	158.89	134.94	-23.95				



Distance Metric Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

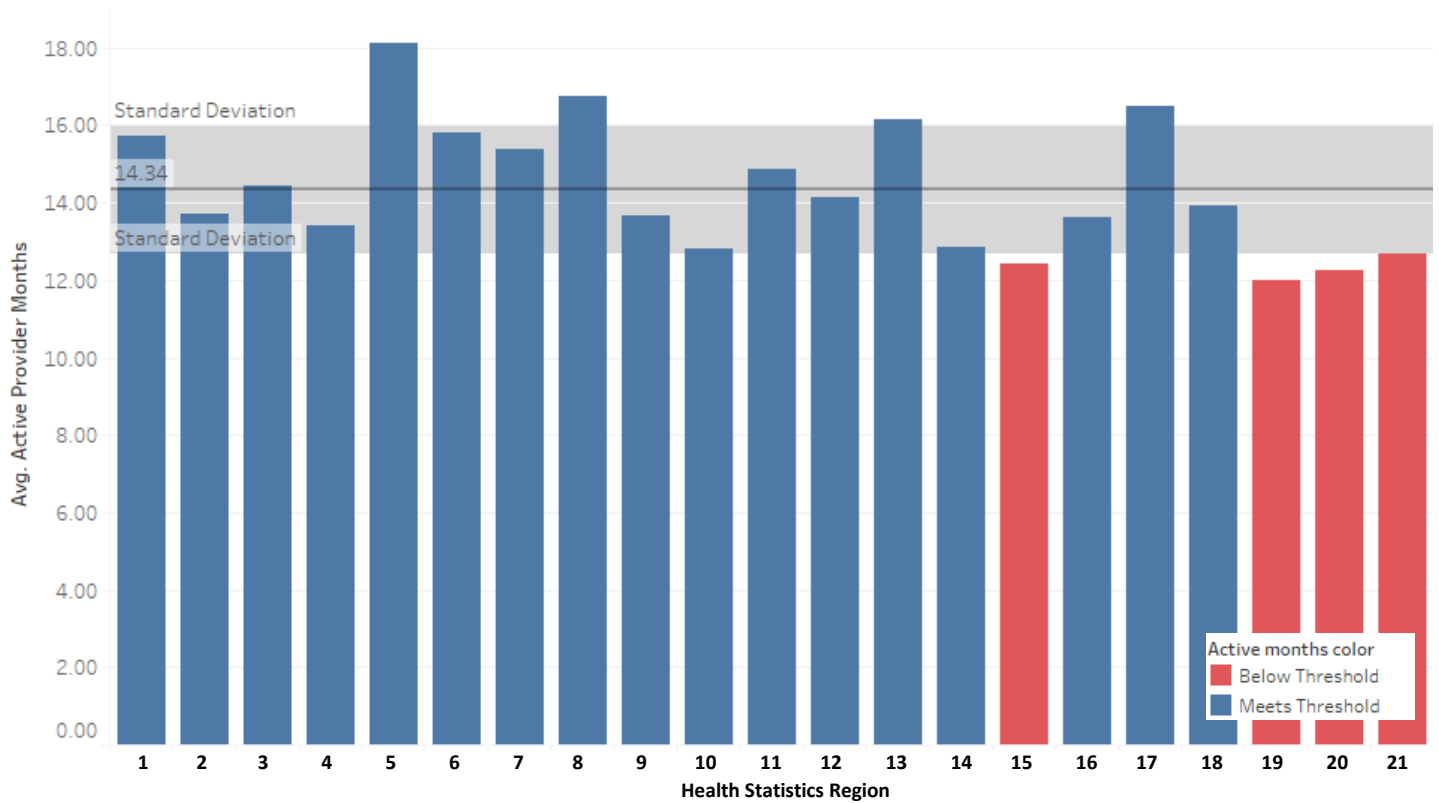


Other Physician Services – Year Over Year (YoY) Change in Distance Metric by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	34.87%	33.96%	-0.91%	Region 12	64.48%	63.63%	-0.85%
Region 2	83.69%	85.05%	1.36%	Region 13	40.90%	40.93%	0.03%
Region 3	93.29%	94.10%	0.81%	Region 14	97.03%	97.45%	0.42%
Region 4	83.74%	82.91%	-0.83%	Region 15	95.23%	96.43%	1.20%
Region 5	58.20%	59.74%	1.54%	Region 16	75.46%	78.91%	3.45%
Region 6	28.54%	28.48%	-0.06%	Region 17	62.08%	59.07%	-3.01%
Region 7	88.12%	88.20%	0.08%	Region 18	81.58%	84.25%	2.67%
Region 8	57.34%	59.20%	1.86%	Region 19	88.10%	93.97%	5.88%
Region 9	57.59%	60.01%	2.42%	Region 20	95.11%	96.82%	1.71%
Region 10	68.77%	70.12%	1.35%	Region 21	94.41%	95.77%	1.36%
Region 11	56.52%	57.51%	0.99%				



Active Provider Months Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.

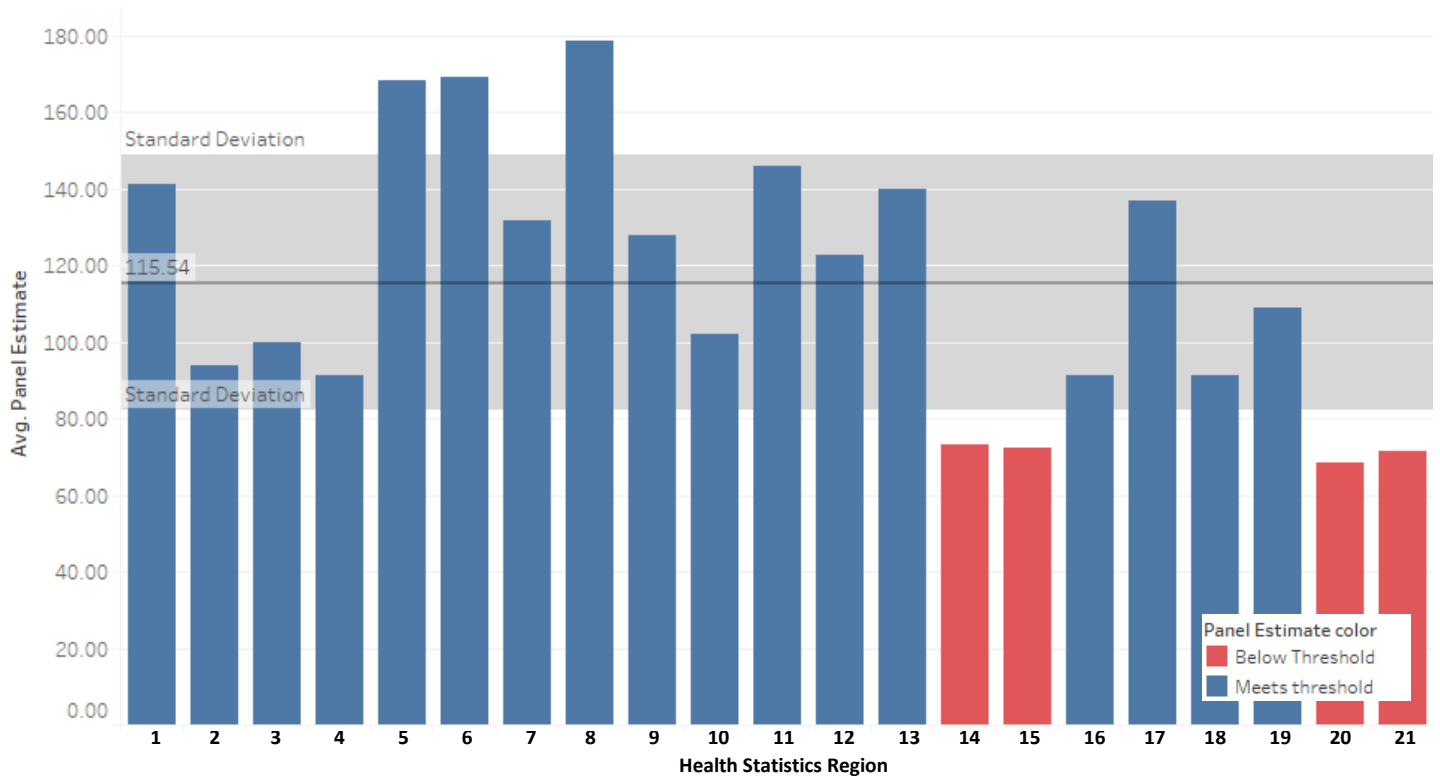


Other Physician Services – Year Over Year (YoY) Change in Active Provider Months by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	16.49	16.39	-0.10	Region 12	15.09	14.27	-0.83
Region 2	14.77	14.20	-0.58	Region 13	17.44	16.60	-0.83
Region 3	15.70	15.44	-0.26	Region 14	14.23	14.27	0.04
Region 4	14.63	13.83	-0.81	Region 15	13.83	13.86	0.03
Region 5	19.09	18.76	-0.33	Region 16	14.63	14.62	-0.01
Region 6	16.96	16.53	-0.42	Region 17	17.71	17.49	-0.22
Region 7	16.19	15.93	-0.26	Region 18	15.48	14.67	-0.81
Region 8	17.41	17.01	-0.40	Region 19	13.09	11.73	-1.36
Region 9	14.94	13.72	-1.22	Region 20	13.87	13.77	-0.09
Region 10	13.68	13.47	-0.21	Region 21	14.07	14.10	0.02
Region 11	15.83	14.96	-0.87				



Panel Size Bar Chart and Year Over Year Changes

For more information regarding how to interpret these visuals, see pp.3-4 of this Appendix.



Other Physician Services – Year Over Year (YoY) Change in Panel Size by Region							
	CY 2015	CY 2016	YoY Change		CY 2015	CY 2016	YoY Change
Region 1	156.19	156.17	-0.02	Region 12	144.88	125.01	-19.87
Region 2	98.73	94.45	-4.28	Region 13	160.25	148.35	-11.90
Region 3	110.67	115.37	4.70	Region 14	85.41	88.83	3.42
Region 4	104.40	97.00	-7.41	Region 15	83.93	83.96	0.04
Region 5	196.07	183.57	-12.50	Region 16	99.40	103.04	3.64
Region 6	200.47	177.01	-23.46	Region 17	162.35	158.07	-4.28
Region 7	144.22	144.51	0.29	Region 18	103.82	98.42	-5.40
Region 8	186.28	201.09	14.81	Region 19	110.35	111.56	1.20
Region 9	145.28	116.18	-29.10	Region 20	80.20	81.87	1.67
Region 10	109.58	103.69	-5.89	Region 21	82.57	84.52	1.94
Region 11	145.89	147.48	1.59				

