

Rate Review Process: Preliminary Year Two Physician Services Analyses

Introduction

This document contains high-level, preliminary, rate comparison information, as well as access and utilization analysis information, related to the Physician Services under review in year two of the rate review process. These Physician Services are:

- ophthalmology (pp.5-6);
- speech therapy (pp.7-8);
- cardiology (pp.9-10);
- cognitive capabilities assessment (pp.11-12);
- vascular (pp.13-14);
- respiratory (pp.15-16);
- ear, nose, and throat (ENT) (pp.17-18);
- gastroenterology (pp.19-20); and
- end-stage renal disease (ESRD) and dialysis (pp.21-22).

Information and analyses presented in this document are subject to change. Further analyses will occur leading up to the publication of the 2017 Medicaid Provider Rate Review Analysis Report in May. For example, while the rate comparison information contained in this document compares Health First Colorado (Colorado's Medicaid Program) rates to Medicare rates, the final benchmark used for comparison may include other comparator rates, such as other state Medicaid rates, as appropriate and for instances when a Medicare rate is not available.

It is important to note that the information and analyses contained in this document do not indicate whether or not rates are sufficient, nor does it indicate whether or not access is sufficient. Rather, it guides the Department in understanding, for each service, where further investigation should occur.

Brief descriptions of the information and analyses contained within this document is found below.

Rate Comparison

The rate comparison analysis is based on claims data for FY 2015-16 (July 1, 2015 – June 30, 2016). The above mentioned Physician Services encompassed 819 codes as of June 30, 2016, with Health First Colorado covering 792 of those codes (including 16 manually priced codes). Out of the 776 codes with an established Health First Colorado rate, 720 had a comparable Medicare Non-Facility rate.¹

An aggregated payment comparison to Medicare is shown in the top table, which accounts for specific service utilization. The next chart displays:

- Vertical axis (y-axis) – the rate ratio between Health First Colorado rates and Medicare rates for each code. The dark horizontal line represents what the Department pays, on average, as a percent of Medicare, also referred to as the benchmark percent.
- Horizontal axis (x-axis) – the total paid amount for each code. The dark vertical line represents the average paid amount.

¹ For the remaining 56 codes, the average of other state Medicaid rates was used for comparison. While this comparison is not shown in this document, it will be incorporated in the 2017 Analysis Report.

- Circles – each circle represents a specific code and its location represents the total paid amount for that code and that code’s rate ratio. The size of the circle represents paid units, which is a proxy for utilization, for each code.
- Call-out boxes highlight a few specific codes.

The bottom table displays the top codes, in descending order, by expenditure (also referred to as total paid). This table includes total units, sometimes blinded to protect private health information (PHI), Health First Colorado rates, Medicare rates, and a rate ratio.

Access & Utilization

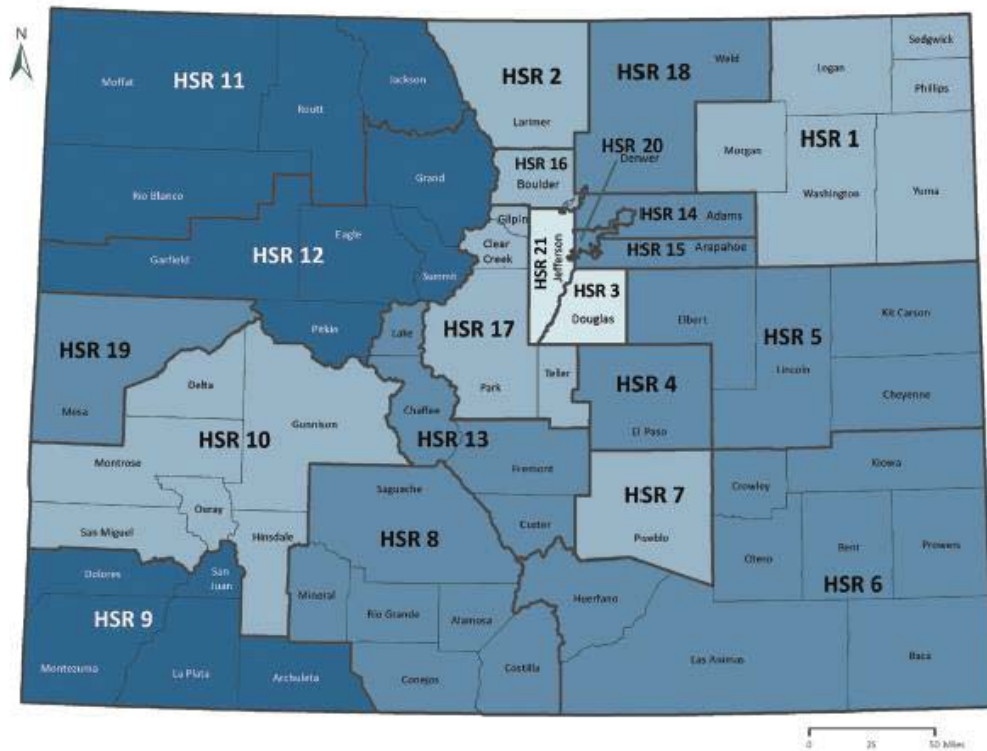
The access & utilization analysis is based on claims data from FY 2014-15 and FY 2015-16 (July 1, 2014 through June 30, 2016). In an effort to improve upon the analyses in the 2016 Analysis Report, and in an effort to reach more meaningful conclusions, the Department is developing an Access to Care Index (preliminary index results are included here) combining five access-related metrics:

- Penetration Rate – the ratio of the number of members who utilized a service compared to all full time-equivalent (FTE) members.
- Average Distance – the average distance traveled from the geographic center of a utilizer’s zip code to geographic center of provider’s zip code using the most direct route.
- Member to Provider Ratio – the ratio of FTE members compared to active providers.
- Active Provider Months – the average number of months that providers billed Health First Colorado, displayed over a 24-month time frame.
- Panel Estimate – the average number of Health First Colorado members seen per rendering provider.

For the purpose of identifying regions for potential investigation, the Department attributed points to each of the 21 Health Statistics Regions (regions), based on performance in these metrics. For each metric, the Department assigned regions in the top quartile 20 points and regions in the bottom quartile 5 points. While the total possible points a region could receive equals 100 points, no region was attributed 100 points because no region was in the top quartile in all five metrics.

The following pages contain the resulting Access to Care Index scores, by service, for each region. They depict service utilizers by age, gender, and population. Metric-specific charts (bottom of each page) contain circles that represent each region; where each circle falls along a continuum represents that region’s actual performance on the metric. For the reader’s reference, the next page contains a Health Statistics Region map and list of counties.

Health Statistics Region Map Key

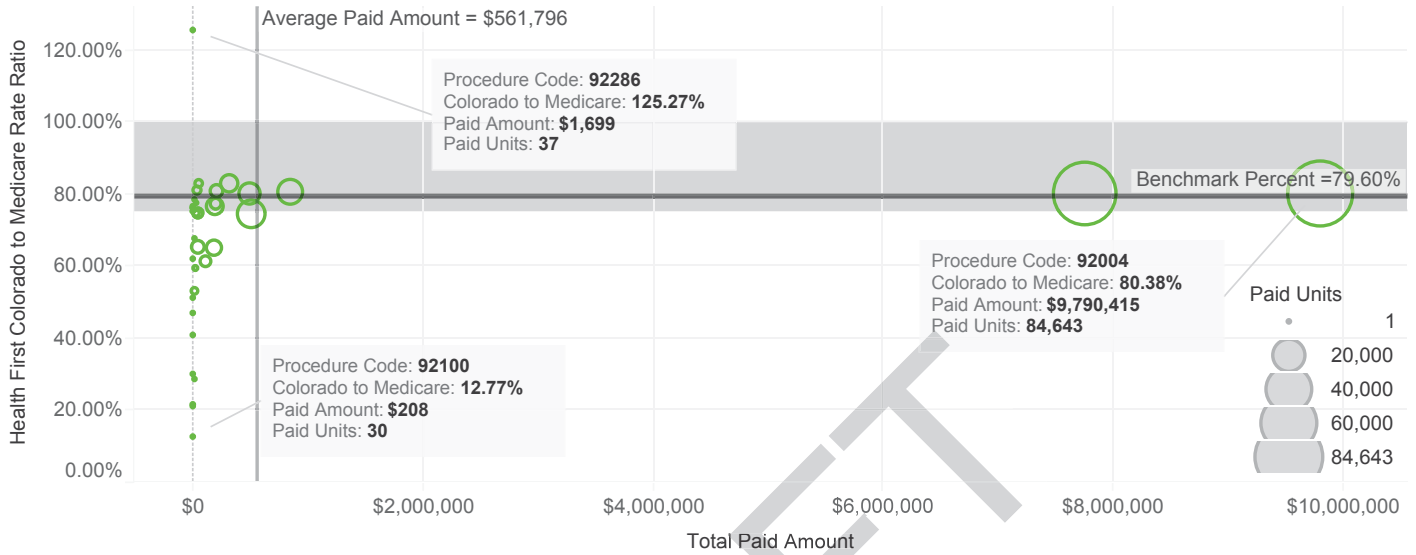


HSR 1: Logan, Morgan, Phillips, Sedgwick, Washington and Yuma	HSR 12: Eagle, Garfield, Grand, Pitkin and Summit
HSR 2: Larimer	HSR 13: Chaffee, Custer, Fremont and Lake
HSR 3: Douglas	HSR 14: Adams
HSR 4: El Paso	HSR 15: Arapahoe
HSR 5: Cheyenne, Elbert, Kit Carson and Lincoln	HSR 16: Boulder and Broomfield
HSR 6: Baca, Bent, Crowley, Huerfano, Kiowa, Las Animas, Otero and Prowers	HSR 17: Clear Creek, Gilpin, Park and Teller
HSR 7: Pueblo	HSR 18: Weld
HSR 8: Alamosa, Conejos, Costilla, Mineral, Rio Grande and Saguache	HSR 19: Mesa
HSR 9: Archuleta, Dolores, La Plata, Montezuma and San Juan	HSR 20: Denver
HSR 10: Delta, Gunnison, Hinsdale, Montrose, Ouray and San Miguel	HSR 21: Jefferson
HSR 11: Jackson, Moffat, Rio Blanco and Routt	



Rate Comparison Analysis: Ophthalmology Services

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Ophthalmology	\$21,469,253	\$26,984,824	79.60%



Top Ophthalmology Services Sorted by Total Paid

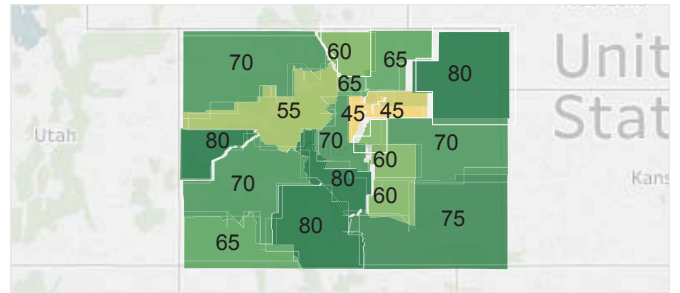
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	92004	Eye exam new patient	0	84,643	121.20	150.79	80.38%
2	92014	Eye exam&tx estab pt 1/>vst	0	78,603	101.05	125.58	80.47%
3	92340	Fit spectacles monofocal	0	125,575	16.41	0.00	0.00%
4	92012	Eye exam establish patient	0	12,315	70.00	86.63	80.80%
5	92134	Cptr ophth dx img post segmt	0	13,775	34.18	45.83	74.58%
6	92134	Cptr ophth dx img post segmt	26	1,381	22.43	29.15	76.95%
7	92134	Cptr ophth dx img post segmt	TC	130	11.75	16.68	70.44%
8	92250	Eye exam with photos	0	8,537	59.76	80.24	74.48%
9	92250	Eye exam with photos	26	391	52.31	24.47	213.77%
10	92250	Eye exam with photos	TC	31	7.42	55.77	13.30%
11	92060	Special eye evaluation	0	5,540	53.43	66.03	80.92%
12	92060	Special eye evaluation	26	431	43.80	38.85	112.74%
13	92310	Contact lens fitting	0	3,008	136.71	0.00	0.00%
14	92002	Eye exam new patient	0	3,177	66.46	82.27	80.78%
15	92235	Eye exam with photos	0	2,132	83.59	111.59	74.91%
16	92235	Eye exam with photos	26	160	49.55	47.85	103.55%
17	92235	Eye exam with photos	TC	30	34.01	63.74	53.36%
18	92133	Cmptr ophth img optic nerve	0	4,913	34.18	44.75	76.38%
19	92133	Cmptr ophth img optic nerve	26	626	22.43	28.43	78.90%
20	92133	Cmptr ophth img optic nerve	TC	88	11.75	16.32	72.00%
21	92083	Visual field examination(s)	0	3,753	40.68	65.38	62.22%
22	92083	Visual field examination(s)	26	791	23.21	28.43	81.64%
23	92083	Visual field examination(s)	TC	75	13.67	36.95	37.00%
24	92136	Ophthalmic biometry	0	1,261	55.63	91.79	60.61%
25	92136	Ophthalmic biometry	26	900	20.12	31.67	63.53%
26	92136	Ophthalmic biometry	TC	132	35.52	60.12	59.08%
27	92341	Fit spectacles bifocal	0	3,320	20.26	0.00	0.00%



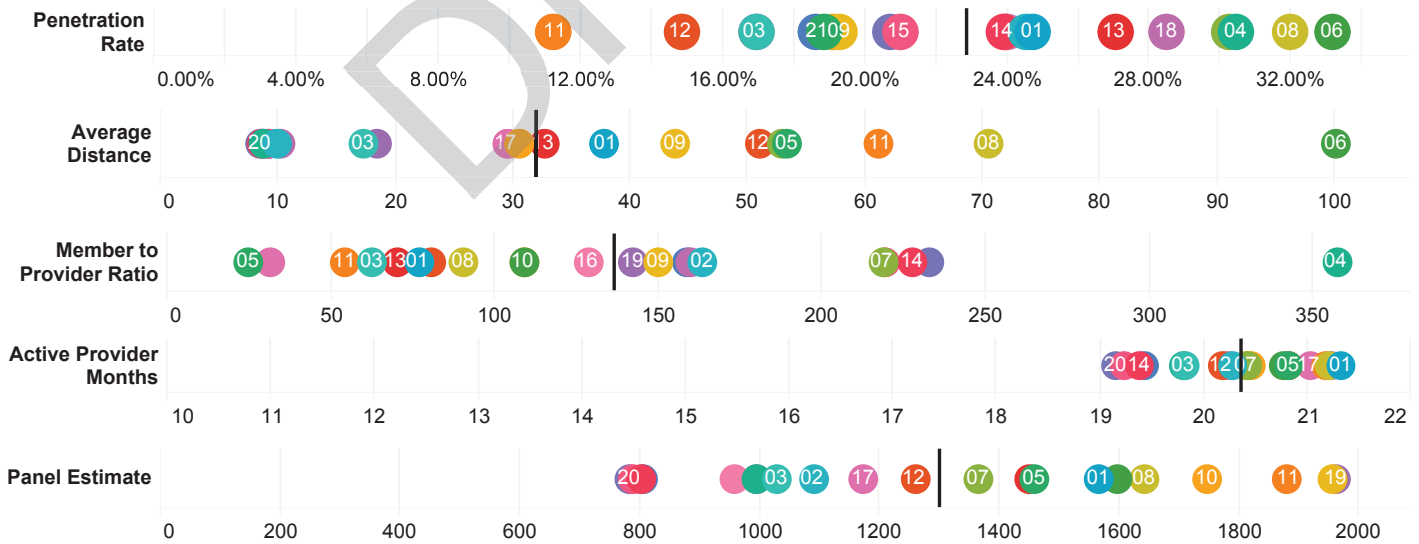
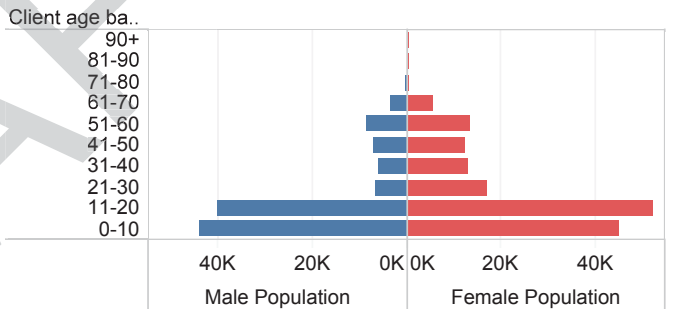
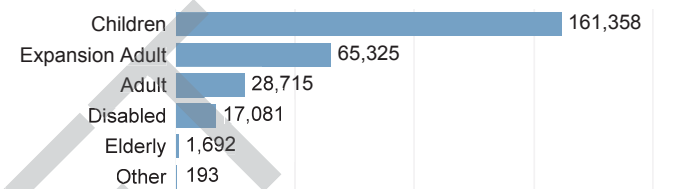
Utilization and Access Analysis: Ophthalmology

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	80
Region 02 - Larimer	60
Region 03 - Douglas	60
Region 04 - El Paso	60
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	70
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	75
Region 07 - Pueblo	60
Region 08 - Saguache, Mineral, Rio Grande, Ala..	80
Region 09 - Dolores, San Juan, Montezuma, La ..	65
Region 10 - Delta, Gunnison, Montrose, San Mig..	70
Region 11 - Moffat, Routt, Jackson, Rio Blanco	70
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	55
Region 13 - Lake, Chaffee, Fremont, Custer	80
Region 14 - Adams	50
Region 15 - Arapahoe	45
Region 16 - Boulder, Broomfield	65
Region 17 - Gilpin, Clear Creek, Park, Teller	70
Region 18 - Weld	65
Region 19 - Mesa	80
Region 20 - Denver	45
Region 21 - Jefferson	45

	FY 2015	FY 2016
Rendering Provider Count	791	817
Utilizer Count	157,848	182,434



Clients by Population, Age, and Gender



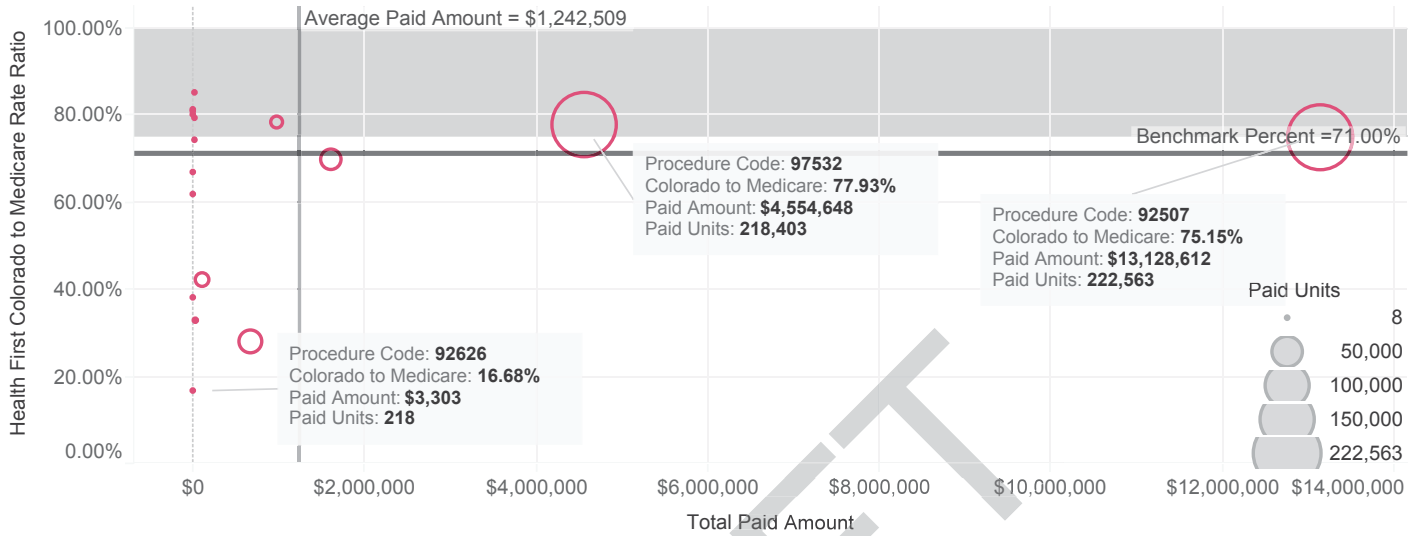
Hsr Rgn Cd Desc

Region 01 - Loga..	Region 05 - Elbe..	Region 09 - Dolo..	Region 13 - Lake..	Region 17 - Gilpi..	Region 21 - Jeffe..
Region 02 - Lari..	Region 06 - Cro..	Region 10 - Delt..	Region 14 - Ada..	Region 18 - Weld	
Region 03 - Dou..	Region 07 - Pue..	Region 11 - Moff..	Region 15 - Arap..	Region 19 - Mesa	
Region 04 - El P..	Region 08 - Sag..	Region 12 - Garfi..	Region 16 - Boul..	Region 20 - Den..	



Rate Comparison Analysis: Speech Therapy

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Speech Therapy	\$21,523,174	\$30,325,052	71.00%



Top Speech Therapy Services Sorted by Total Paid

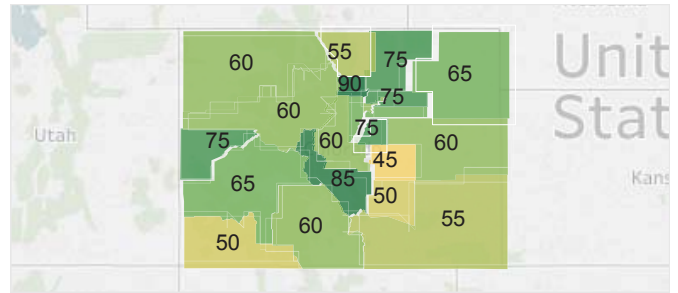
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	92507	Speech/hearing therapy	0	222,563	60.38	80.35	75.15%
2	97532	Cognitive skills development	0	218,403	21.04	27.00	77.93%
3	92609	Use of speech device service	0	21,958	78.71	112.49	69.97%
4	92523	Speech sound lang comprehen	0	7,391	154.96	197.19	78.58%
5	92526	Oral function therapy	0	27,471	24.61	87.58	28.10%
6	92630	Aud rehab pre-ling hear loss	0	3,139	49.72	0.00	0.00%
7	92606	Non-speech device service	0	2,616	38.45	0.00	0.00%
8	92508	Speech/hearing therapy	0	9,750	10.07	23.79	42.33%
9	92610	Evaluate swallowing function	0	931	28.63	86.90	32.95%
10	92522	Evaluate speech production	0	322	74.58	94.08	79.27%
11	92607	Ex for speech device rx 1hr	0	197	95.56	128.73	74.23%
12	92524	Behavral qualit analys voice	0	232	77.73	91.19	85.24%
13	92627	Eval aud status rehab add-on	0	421	15.21	22.70	67.00%
14	92521	Evaluation of speech fluency	0	69	91.87	112.84	81.42%
15	92626	Eval aud rehab status	0	218	15.21	91.17	16.68%
16	92608	Ex for speech device rx addl	0	33	43.05	53.74	80.11%
17	92611	Motion fluoroscopy/swallow	0	32	33.95	88.77	38.24%
18	92612	Endoscopy swallow tst (fees)	0	30	117.63	190.49	61.75%
19	92605	Ex for nonspeech device rx	0	30	149.04	0.00	0.00%
20	92597	Oral speech device eval	0	30	59.45	73.55	80.83%



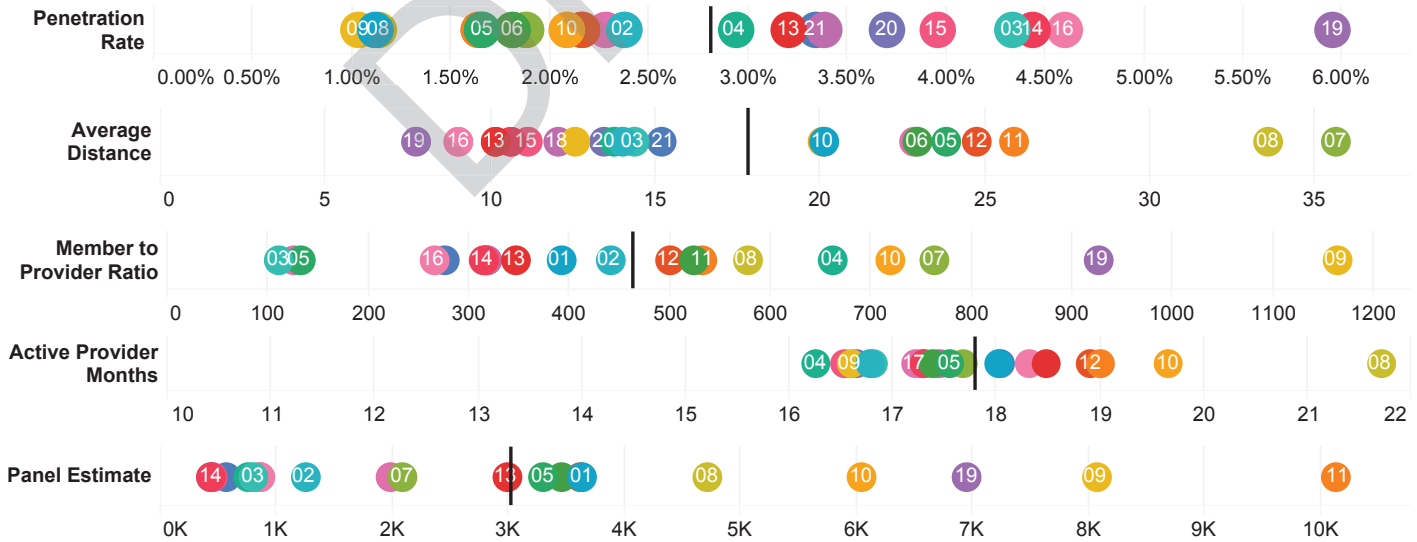
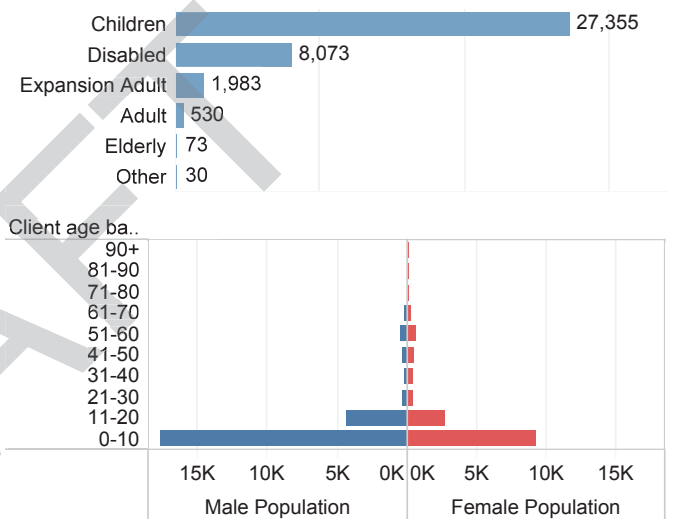
Utilization and Access Analysis: Speech Therapy

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	65
Region 02 - Larimer	55
Region 03 - Douglas	75
Region 04 - El Paso	45
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	60
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	55
Region 07 - Pueblo	50
Region 08 - Saguache, Mineral, Rio Grande, Ala..	60
Region 09 - Dolores, San Juan, Montezuma, La ..	50
Region 10 - Delta, Gunnison, Montrose, San Mig..	65
Region 11 - Moffat, Routt, Jackson, Rio Blanco	60
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	60
Region 13 - Lake, Chaffee, Fremont, Custer	85
Region 14 - Adams	75
Region 15 - Arapahoe	65
Region 16 - Boulder, Broomfield	90
Region 17 - Gilpin, Clear Creek, Park, Teller	60
Region 18 - Weld	75
Region 19 - Mesa	75
Region 20 - Denver	60
Region 21 - Jefferson	65

	FY 2015	FY 2016
Rendering Provider Count	817	827
Utilizer Count	25,168	25,491



Clients by Population, Age, and Gender

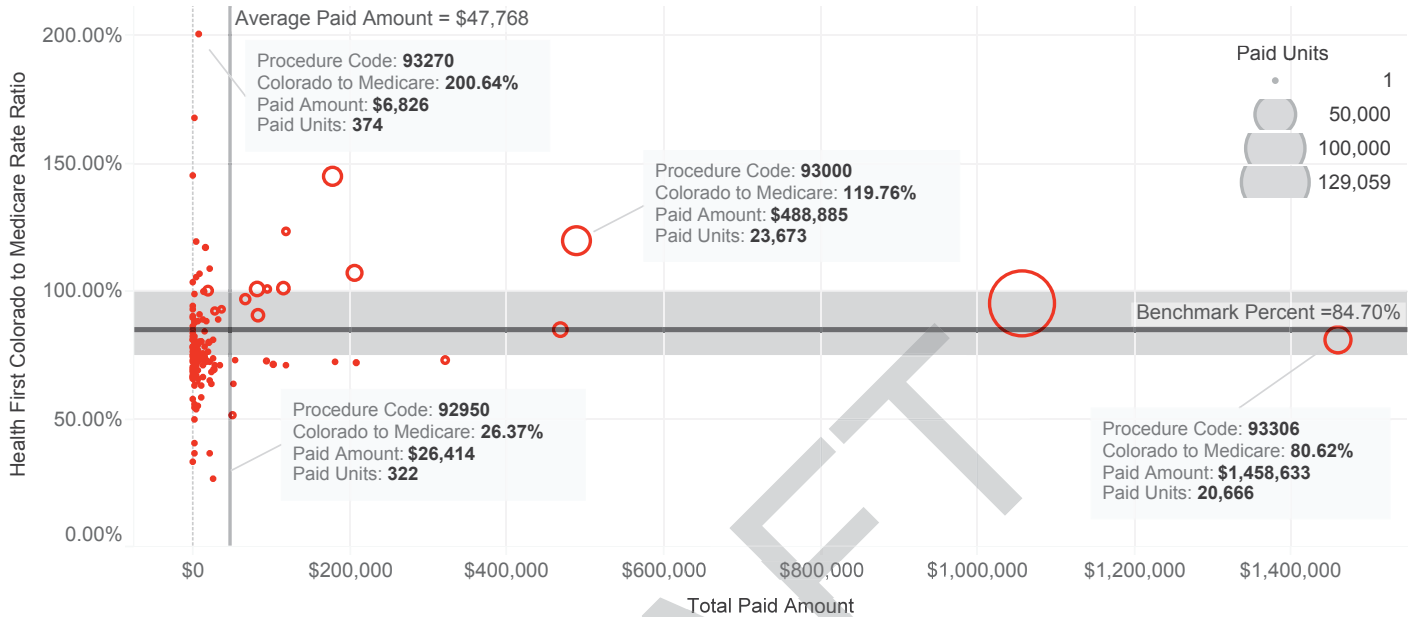


- Hsr Rgn Cd Desc
- Region 01 - Loga..
 - Region 05 - Elbe..
 - Region 09 - Dolo..
 - Region 13 - Lake..
 - Region 17 - Gilpi..
 - Region 21 - Jeffe..
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 - Region 15 - Arap..
 - Region 19 - Mesa
 - Region 04 - El P..
 - Region 08 - Sag..
 - Region 12 - Garfi..
 - Region 16 - Boul..
 - Region 20 - Den..



Rate Comparison Analysis: Cardiology

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Cardiology	\$6,589,371	\$7,778,050	84.70%



Top Cardiology Services Sorted by Total Paid

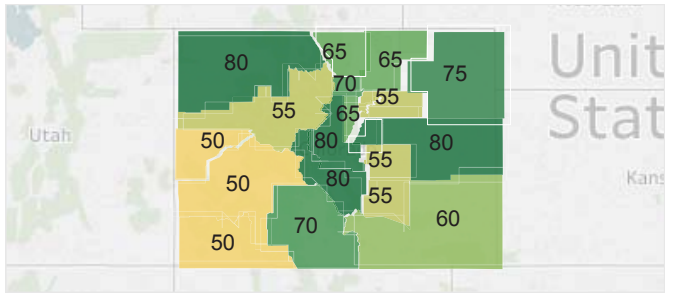
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	93306	Tte w/doppler complete	0	2,727	191.25	232.44	82.28%
2	93306	Tte w/doppler complete	26	17,866	52.06	64.79	80.35%
3	93306	Tte w/doppler complete	TC	73	139.22	167.65	83.04%
4	93010	Electrocardiogram report	0	129,059	8.23	8.65	95.14%
5	93000	Electrocardiogram comple..	0	23,673	20.79	17.36	119.76%
6	93303	Echo transthoracic	0	1,349	160.31	243.30	65.89%
7	93303	Echo transthoracic	26	4,248	59.43	65.15	91.22%
8	93458	L hrt artery/ventricle angio	0	30	807.09	1,104.86	73.05%
9	93458	L hrt artery/ventricle angio	26	1,251	239.49	327.90	73.04%
10	92928	Prq card stent w/angio 1 vsl	0	449	463.89	640.72	72.40%
11	93320	Doppler echo exam heart	0	1,520	70.53	55.26	127.63%
12	93320	Doppler echo exam heart	26	5,196	18.89	18.70	101.02%
13	92941	Prq card revasc mi 1 vsl	0	348	519.75	718.20	72.37%
14	93325	Doppler color flow add-on	0	2,180	70.06	26.04	269.05%
15	93325	Doppler color flow add-on	26	7,699	3.54	3.23	109.60%
16	93325	Doppler color flow add-on	TC	33	33.42	22.80	146.58%
17	93015	Cardiovascular stress test	0	1,251	95.70	77.64	123.26%
18	93653	Ep & ablate supravent arr..	0	187	631.85	895.13	70.59%
19	93308	Tte f-up or lmted	0	120	95.70	127.29	75.18%
20	93308	Tte f-up or lmted	26	3,849	26.76	26.27	101.87%
21	93351	Stress tte complete	0	514	198.56	276.48	71.82%
22	93350	Stress tte only	0	30	192.90	245.77	78.49%
23	93350	Stress tte only	26	1,212	73.74	72.69	101.44%
24	93454	Coronary artery angio s&i	0	30	668.87	920.74	72.64%
25	93454	Coronary artery angio s&i	26	468	196.28	268.33	73.15%



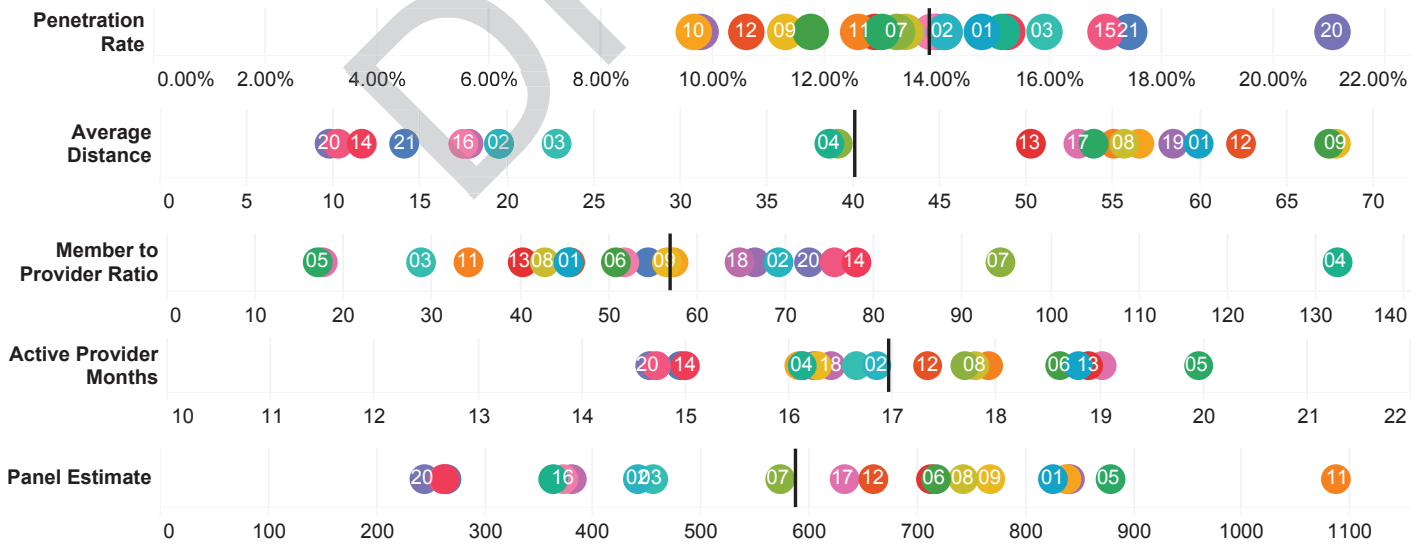
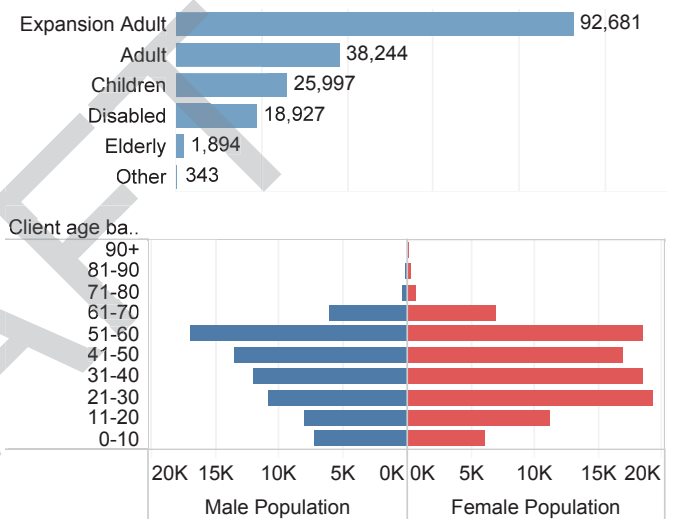
Utilization and Access Analysis: Cardiology

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	75
Region 02 - Larimer	65
Region 03 - Douglas	80
Region 04 - El Paso	55
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	80
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	60
Region 07 - Pueblo	55
Region 08 - Saguache, Mineral, Rio Grande, Ala..	70
Region 09 - Dolores, San Juan, Montezuma, La ..	50
Region 10 - Delta, Gunnison, Montrose, San Mig..	50
Region 11 - Moffat, Routt, Jackson, Rio Blanco	80
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	55
Region 13 - Lake, Chaffee, Fremont, Custer	80
Region 14 - Adams	55
Region 15 - Arapahoe	55
Region 16 - Boulder, Broomfield	70
Region 17 - Gilpin, Clear Creek, Park, Teller	80
Region 18 - Weld	65
Region 19 - Mesa	50
Region 20 - Denver	55
Region 21 - Jefferson	65

	FY 2015	FY 2016
Rendering Provider Count	3,695	3,885
Utilizer Count	94,584	104,425



Clients by Population, Age, and Gender



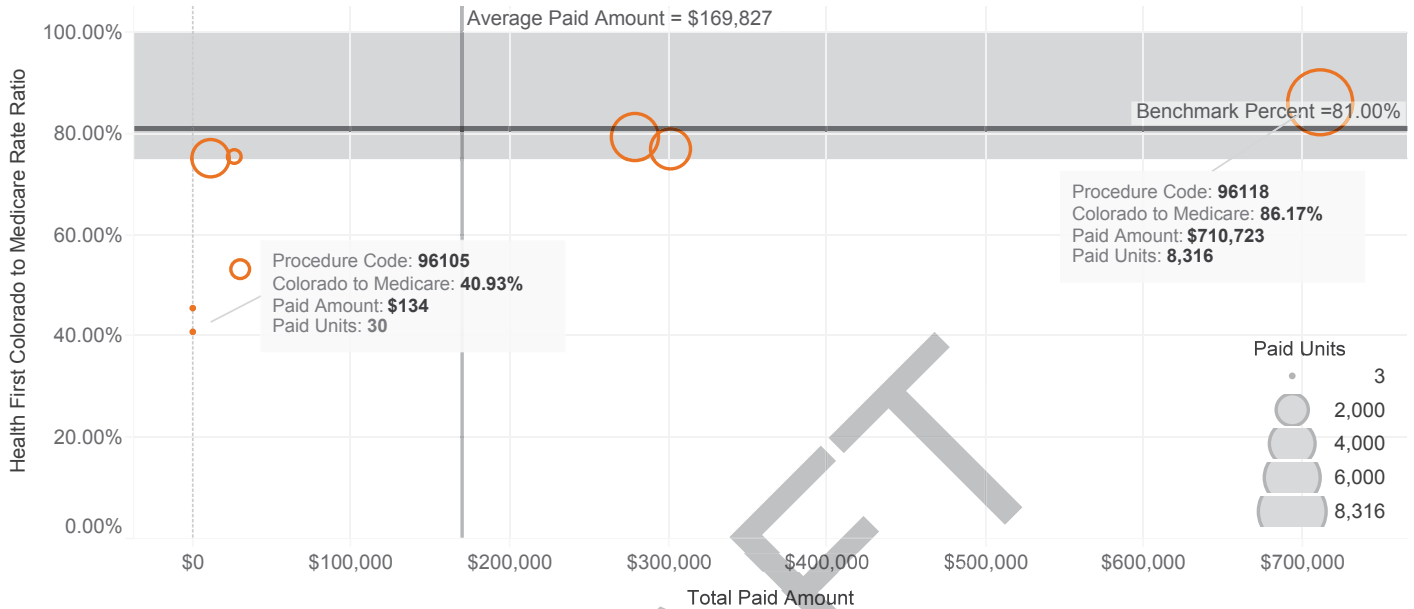
Hsr Rgn Cd Desc

Region 01 - Loga..	Region 05 - Elbe..	Region 09 - Dolo..	Region 13 - Lake..	Region 17 - Gilpi..	Region 21 - Jeffe..
Region 02 - Lari..	Region 06 - Cro..	Region 10 - Delt..	Region 14 - Ada..	Region 18 - Weld	
Region 03 - Dou..	Region 07 - Pue..	Region 11 - Moff..	Region 15 - Arap..	Region 19 - Mesa	
Region 04 - El P..	Region 08 - Sag..	Region 12 - Garfi..	Region 16 - Boul..	Region 20 - Den..	



Rate Comparison Analysis: Cognitive Capability Assessment

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Cognitive Capabilities Assessment	\$1,388,974	\$1,714,112	81.00%



Top Cognitive Capability Assessment Services Sorted by Total Paid

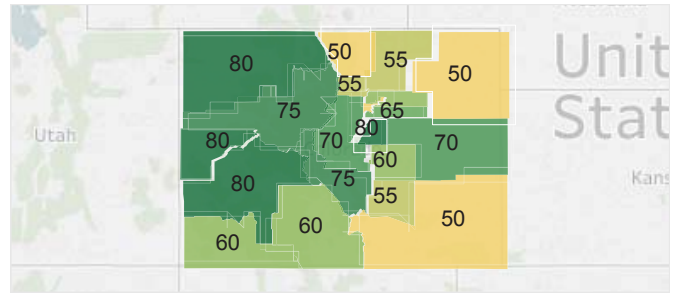
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	96110	Developmental screen w/score	0	101,755	17.43	0.00	0.00%
2	96118	Neuropsych tst by psych/phys	0	8,316	85.63	99.37	86.17%
3	96111	Developmental test extend	0	3,154	101.25	131.47	77.01%
4	96101	Psycho testing by psych/phys	0	4,380	64.20	80.91	79.35%
5	G8510	Pt inelig neg scrn depres	0	25,347	10.55	0.00	0.00%
6	G8431	Pos clin depres scrn f/u doc	0	4,693	29.27	0.00	0.00%
7	96119	Neuropsych testing by tec	0	692	43.36	81.65	53.10%
8	96116	Neurobehavioral status exam	0	368	71.40	94.39	75.64%
9	96127	Brief emotional/behav assmt	0	2,750	4.10	5.46	75.09%
10	96102	Psycho testing by technician	0	30	29.52	64.68	45.64%
11	96105	Assessment of aphasia	0	30	44.70	109.22	40.93%



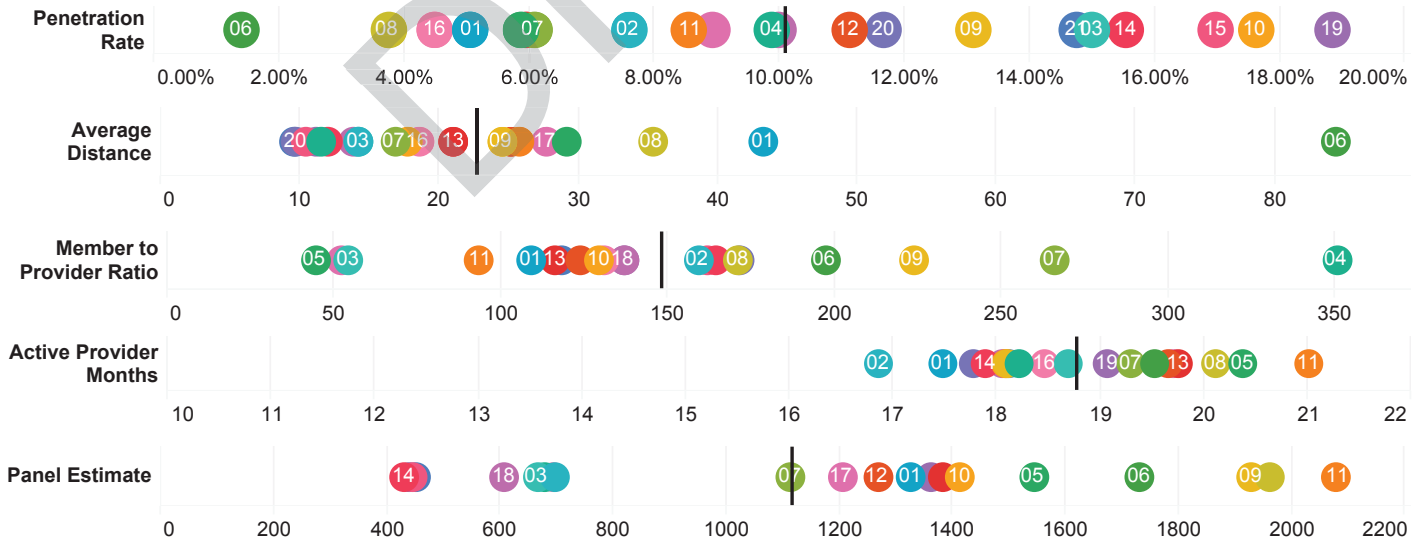
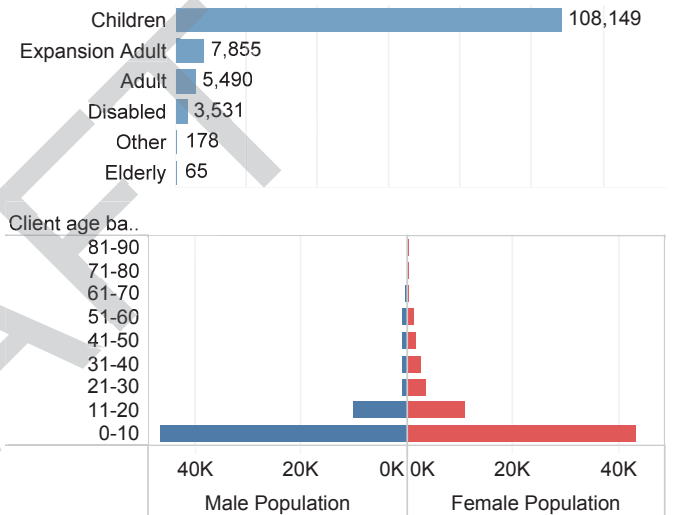
Utilization and Access Analysis: Cognitive Capabilities Assessments

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	50
Region 02 - Larimer	50
Region 03 - Douglas	80
Region 04 - El Paso	60
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	70
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	50
Region 07 - Pueblo	55
Region 08 - Saguache, Mineral, Rio Grande, Ala..	60
Region 09 - Dolores, San Juan, Montezuma, La ..	60
Region 10 - Delta, Gunnison, Montrose, San Mig..	80
Region 11 - Moffat, Routt, Jackson, Rio Blanco	80
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	75
Region 13 - Lake, Chaffee, Fremont, Custer	75
Region 14 - Adams	60
Region 15 - Arapahoe	65
Region 16 - Boulder, Broomfield	55
Region 17 - Gilpin, Clear Creek, Park, Teller	70
Region 18 - Weld	55
Region 19 - Mesa	80
Region 20 - Denver	50
Region 21 - Jefferson	70

	FY 2015	FY 2016
Rendering Provider Count	1,354	1,538
Utilizer Count	68,368	89,654



Clients by Population, Age, and Gender

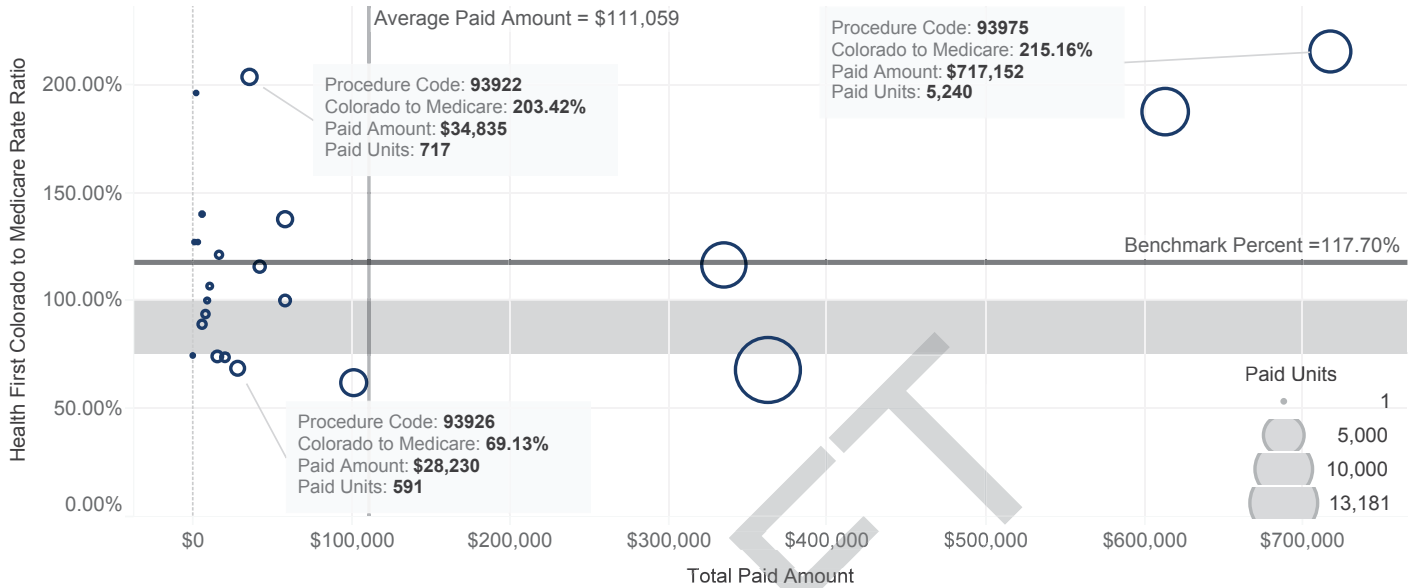


- Hsr Rgn Cd Desc
- Region 01 - Loga..
 - Region 05 - Elbe..
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 - Region 16 - Boul..
 - Region 20 - Den..



Rate Comparison Analysis: Vascular

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Vascular	\$2,460,514	\$2,090,277	117.70%



Top Vascular Services Sorted by Total Paid

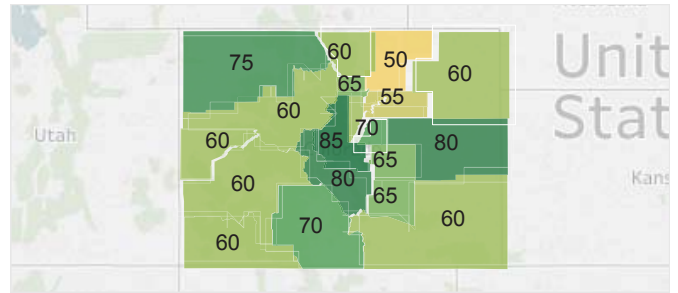
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	93975	Vascular study	0	234	296.55	214.15	138.48%
2	93975	Vascular study	26	4,989	130.49	59.55	219.13%
3	93975	Vascular study	TC	30	166.03	154.59	107.40%
4	93970	Extremity study	0	1,320	155.43	190.71	81.50%
5	93970	Extremity study	26	5,405	76.17	35.73	213.18%
6	93970	Extremity study	TC	30	79.26	154.98	51.14%
7	93971	Extremity study	0	1,923	99.94	124.12	80.52%
8	93971	Extremity study	26	11,250	15.15	23.10	65.58%
9	93971	Extremity study	TC	30	84.79	101.02	83.93%
10	93976	Vascular study	0	296	172.03	167.81	102.51%
11	93976	Vascular study	26	5,774	48.18	41.09	117.25%
12	93976	Vascular study	TC	47	123.88	126.72	97.76%
13	93880	Extracranial bilat study	0	536	110.85	196.13	56.52%
14	93880	Extracranial bilat study	26	1,538	26.06	41.15	63.33%
15	93880	Extracranial bilat study	TC	30	84.79	154.98	54.71%
16	93923	Upr/lxtr art stdy 3+ lvs	0	361	117.49	142.64	82.37%
17	93923	Upr/lxtr art stdy 3+ lvs	26	339	45.81	23.13	198.05%
18	93923	Upr/lxtr art stdy 3+ lvs	TC	30	71.68	119.51	59.98%
19	93978	Vascular study	0	284	190.47	196.19	97.08%
20	93978	Vascular study	26	60	48.74	41.21	118.27%
21	93978	Vascular study	TC	30	141.70	154.98	91.43%
22	93925	Lower extremity study	0	143	206.29	194.99	105.80%
23	93925	Lower extremity study	26	248	49.49	40.40	122.50%
24	93925	Lower extremity study	TC	30	156.77	154.59	101.41%
25	93922	Upr/l xtremity art 2 levels	0	262	75.75	91.60	82.70%
26	93922	Upr/l xtremity art 2 levels	26	454	35.60	13.02	273.43%



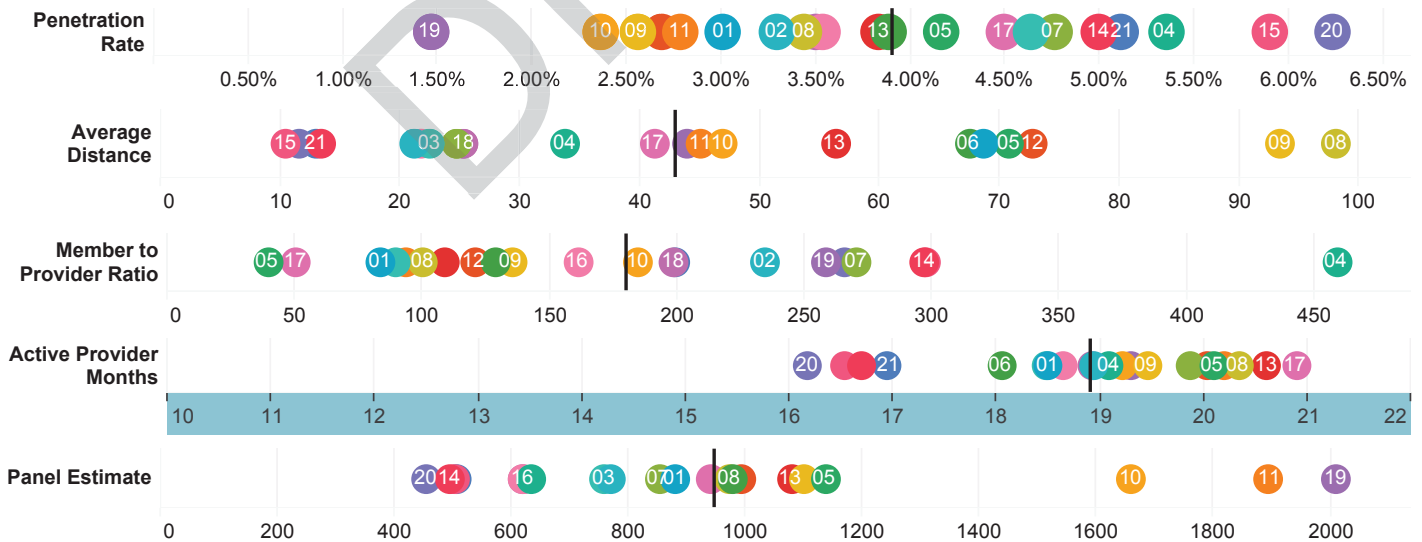
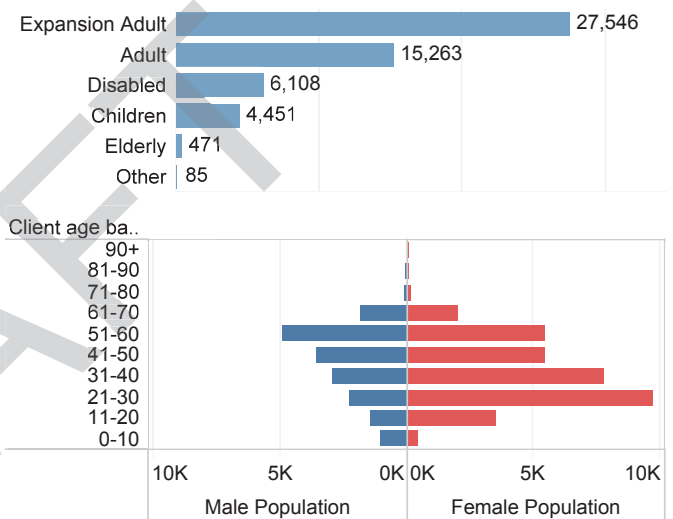
Utilization and Access Analysis: Vascular

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	60
Region 02 - Larimer	60
Region 03 - Douglas	70
Region 04 - El Paso	65
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	80
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	60
Region 07 - Pueblo	65
Region 08 - Saguache, Mineral, Rio Grande, Ala..	70
Region 09 - Dolores, San Juan, Montezuma, La ..	60
Region 10 - Delta, Gunnison, Montrose, San Mig..	60
Region 11 - Moffat, Routt, Jackson, Rio Blanco	75
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	60
Region 13 - Lake, Chaffee, Fremont, Custer	80
Region 14 - Adams	55
Region 15 - Arapahoe	55
Region 16 - Boulder, Broomfield	65
Region 17 - Gilpin, Clear Creek, Park, Teller	85
Region 18 - Weld	50
Region 19 - Mesa	60
Region 20 - Denver	55
Region 21 - Jefferson	60

	FY 2015	FY 2016
Rendering Provider Count	793	829
Utilizer Count	26,677	30,323



Clients by Population, Age, and Gender

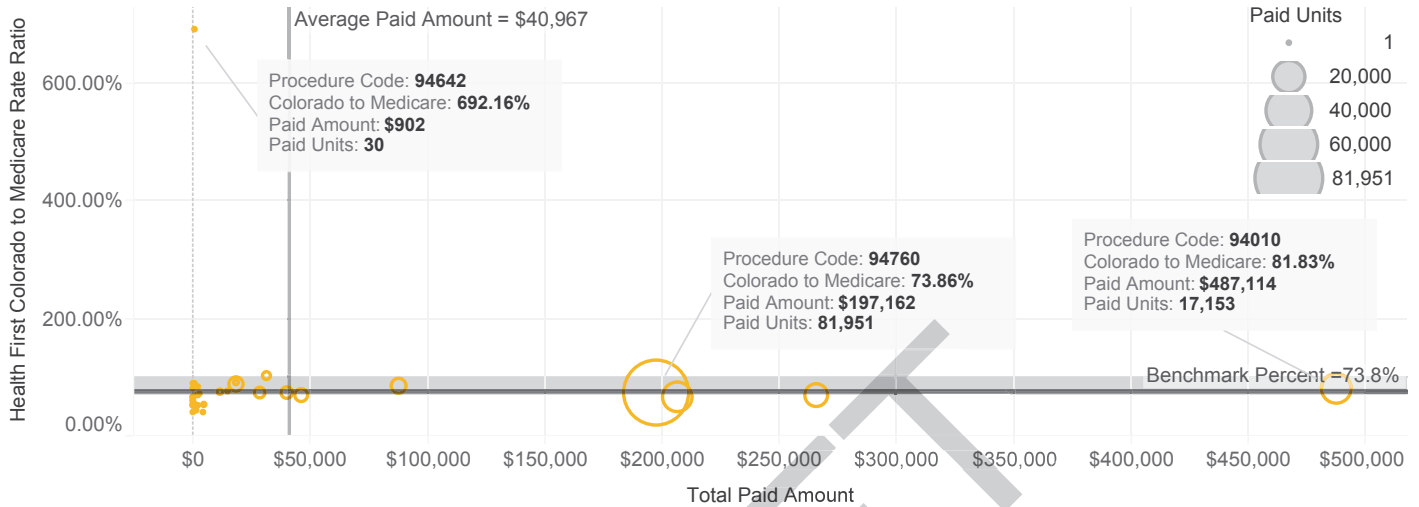


- Hsr Rgn Cd Desc
- Region 01 - Loga..
 - Region 05 - Elbe..
 - Region 09 - Dolo..
 - Region 13 - Lake..
 - Region 17 - Gilpi..
 - Region 21 - Jeffe..
 - Region 02 - Lari..
 - Region 06 - Cro..
 - Region 10 - Delt..
 - Region 14 - Ada..
 - Region 18 - Weld
 - Region 03 - Dou..
 - Region 07 - Pue..
 - Region 11 - Moff..
 - Region 15 - Arap..
 - Region 19 - Mesa
 - Region 04 - El P..
 - Region 08 - Sag..
 - Region 12 - Garfi..
 - Region 16 - Boul..
 - Region 20 - Den..



Rate Comparison Analysis: Respiratory

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Respiratory	\$1,530,566	\$2,072,960	73.80%



Top Respiratory Services Sorted by Total Paid

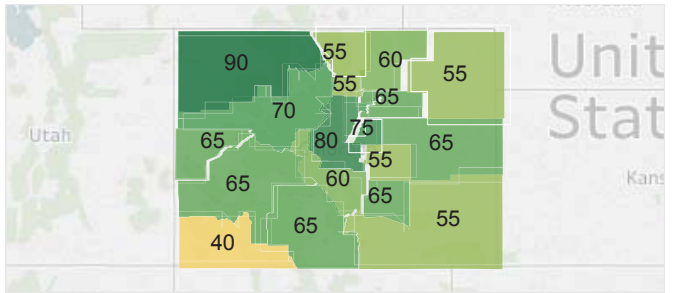
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	94010	Breathing capacity test	0	16,144	30.08	36.91	81.50%
2	94010	Breathing capacity test	26	997	7.56	8.65	87.40%
3	94010	Breathing capacity test	TC	30	19.14	28.26	67.73%
4	94060	Evaluation of wheezing	0	5,772	38.28	62.21	61.53%
5	94060	Evaluation of wheezing	26	4,278	10.94	13.32	82.13%
6	94060	Evaluation of wheezing	TC	30	27.34	48.90	55.91%
7	94640	Airway inhalation treatment	0	16,924	12.30	18.85	65.25%
8	94760	Measure blood oxygen level	0	81,951	2.43	3.29	73.86%
9	94375	Respiratory flow volume loop	0	1,571	33.54	40.11	83.62%
10	94375	Respiratory flow volume loop	26	2,708	13.22	15.11	87.49%
11	94729	Co/membrane diffuse capacity	0	748	41.79	55.73	74.99%
12	94729	Co/membrane diffuse capacity	26	2,434	6.33	9.36	67.63%
13	94726	Pulm funct tst plethysmograp	0	464	42.02	53.89	77.97%
14	94726	Pulm funct tst plethysmograp	26	2,128	9.54	12.60	75.71%
15	94762	Measure blood oxygen level	0	1,208	26.00	25.01	103.96%
16	94664	Evaluate pt use of inhaler	0	2,180	13.11	17.77	73.78%
17	94761	Measure blood oxygen level	0	3,908	4.60	5.10	90.20%
18	94620	Pulmonary stress test/simple	0	216	54.68	57.42	95.23%
19	94620	Pulmonary stress test/simple	26	220	28.01	31.33	89.40%
20	94660	Pos airway pressure cpap	0	286	51.11	64.67	79.03%
21	94727	Pulm function test by gas	0	263	32.98	43.03	76.64%
22	94727	Pulm function test by gas	26	303	9.54	12.60	75.71%
23	94150	Vital capacity test	0	995	6.84	0.00	0.00%
24	94621	Pulm stress test/complex	0	30	67.46	166.90	40.42%
25	94621	Pulm stress test/complex	26	106	29.55	70.56	41.88%
26	94621	Pulm stress test/complex	TC	30	37.89	96.34	39.33%
27	94200	Lung function test (mbc/mvv)	0	321	13.67	25.71	53.17%
28	94200	Lung function test (mbc/mvv)	26	30	4.10	5.78	70.93%



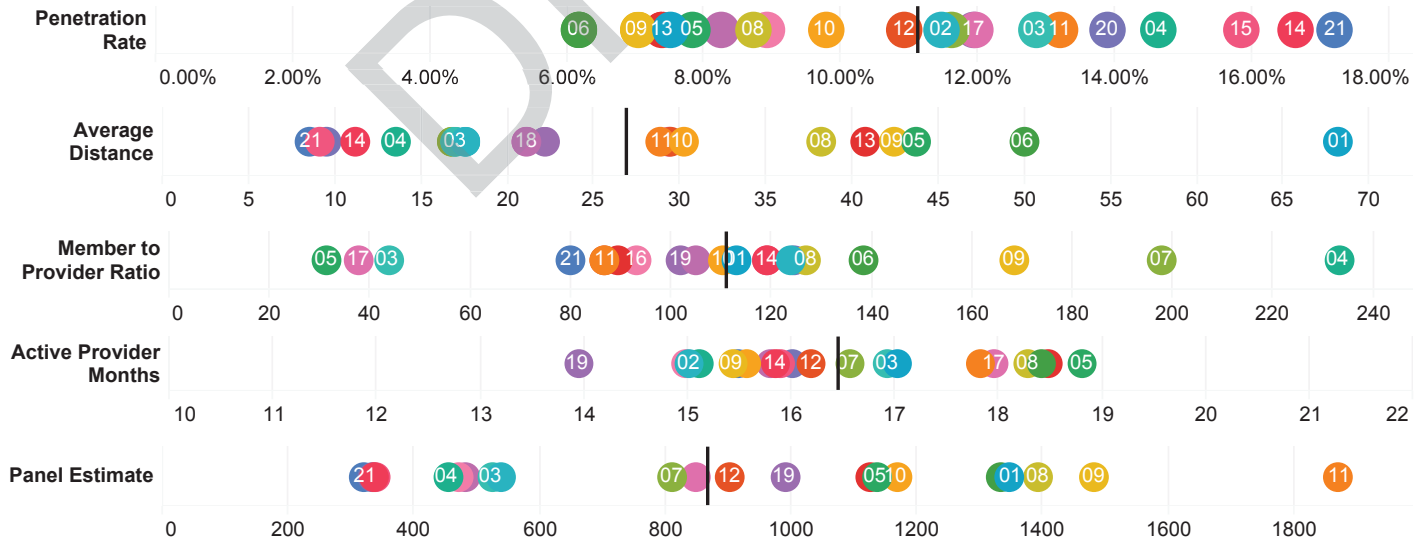
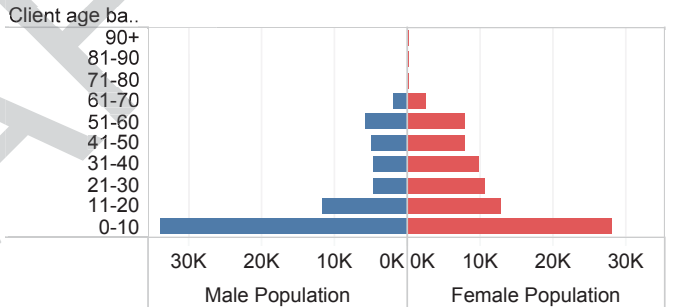
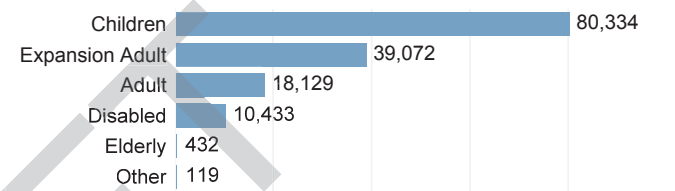
Utilization and Access Analysis: Respiratory

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	55
Region 02 - Larimer	55
Region 03 - Douglas	75
Region 04 - El Paso	55
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	65
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	55
Region 07 - Pueblo	65
Region 08 - Saguache, Mineral, Rio Grande, Ala..	65
Region 09 - Dolores, San Juan, Montezuma, La ..	40
Region 10 - Delta, Gunnison, Montrose, San Mig..	65
Region 11 - Moffat, Routt, Jackson, Rio Blanco	90
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	70
Region 13 - Lake, Chaffee, Fremont, Custer	60
Region 14 - Adams	65
Region 15 - Arapahoe	65
Region 16 - Boulder, Broomfield	55
Region 17 - Gilpin, Clear Creek, Park, Teller	80
Region 18 - Weld	60
Region 19 - Mesa	65
Region 20 - Denver	70
Region 21 - Jefferson	75

	FY 2015	FY 2016
Rendering Provider Count	2,682	2,698
Utilizer Count	89,000	84,320



Clients by Population, Age, and Gender



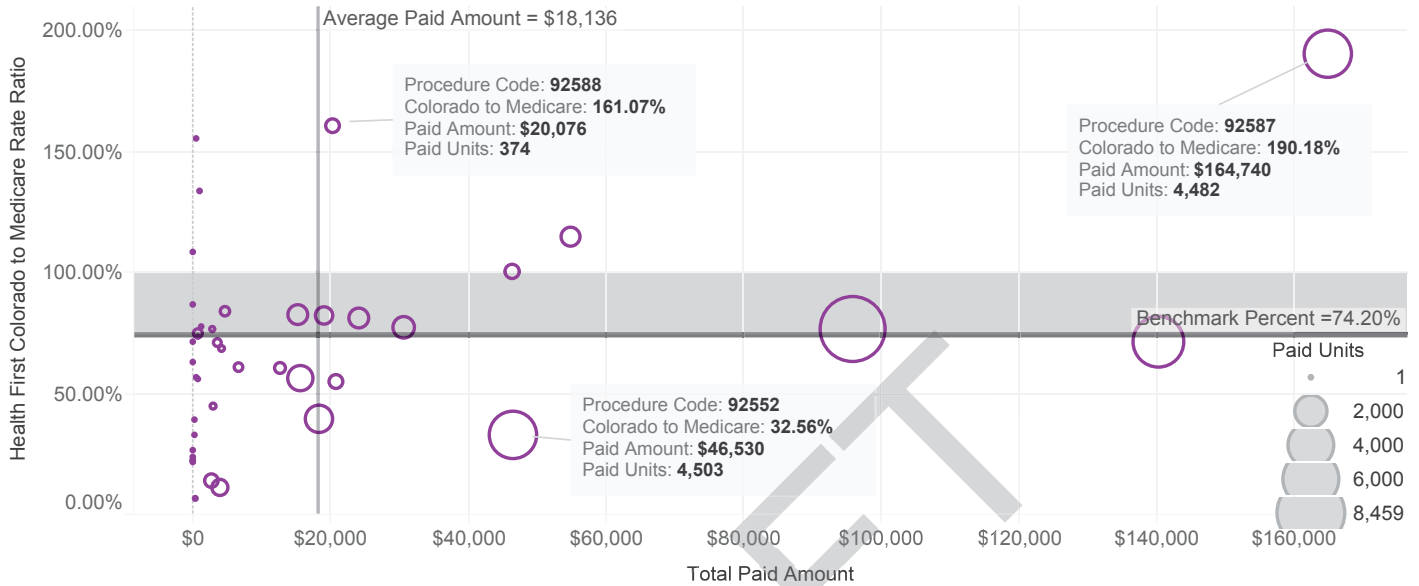
Hsr Rgn Cd Desc

Region 01 - Loga..	Region 05 - Elbe..	Region 09 - Dolo..	Region 13 - Lake..	Region 17 - Gilpi..	Region 21 - Jeffe..
Region 02 - Lari..	Region 06 - Cro..	Region 10 - Delt..	Region 14 - Ada..	Region 18 - Weld	
Region 03 - Dou..	Region 07 - Pue..	Region 11 - Moff..	Region 15 - Arap..	Region 19 - Mesa	
Region 04 - El P..	Region 08 - Sag..	Region 12 - Garfi..	Region 16 - Boul..	Region 20 - Den..	



Rate Comparison Analysis: Ear, Nose and Throat

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Ear, Nose, and Throat	\$777,577	\$1,047,829	74.20%



Top Ear, Nose and Throat Services Sorted by Total Paid

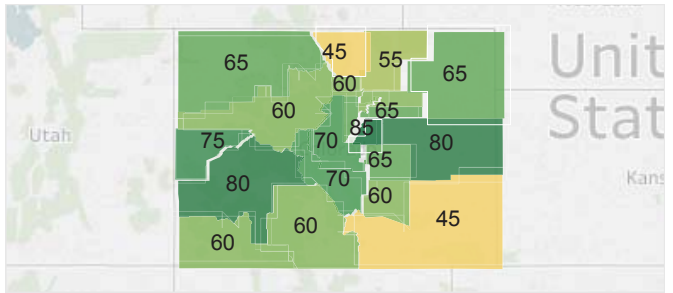
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	92551	Pure tone hearing test air	0	17,411	10.38	0.00	0.00%
2	92587	Evoked auditory test limited	0	4,100	38.98	22.00	177.18%
3	92587	Evoked auditory test limited	26	266	5.47	18.71	29.24%
4	92587	Evoked auditory test limited	TC	116	33.51	3.29	1018.54%
5	92557	Comprehensive hearing test	0	5,161	27.34	38.22	71.53%
6	92567	Tympanometry	0	8,459	11.41	14.79	77.15%
7	92585	Auditor evoke potent compre	0	382	105.27	138.56	75.97%
8	92585	Auditor evoke potent compre	26	331	44.05	27.37	160.94%
9	92585	Auditor evoke potent compre	TC	30	61.21	111.18	55.05%
10	92552	Pure tone audiometry air	0	4,503	10.38	31.88	32.56%
11	92511	Nasopharyngoscopy	0	407	115.65	114.98	100.58%
12	92579	Visual audiometry (vra)	0	927	33.20	42.94	77.32%
13	92556	Speech audiometry complete	0	783	30.91	38.04	81.26%
14	92540	Basic vestibular evaluation	0	308	56.27	103.47	54.38%
15	92540	Basic vestibular evaluation	26	73	46.43	81.00	57.32%
16	92588	Evoked auditory tst complete	0	374	53.96	33.50	161.07%
17	92553	Audiometry air & bone	0	603	31.44	38.04	82.65%
18	92504	Ear microscopy examination	0	1,493	12.30	30.73	40.03%
19	92550	Tympanometry & reflex thresh	0	1,274	12.19	21.64	56.33%
20	92555	Speech threshold audiometry	0	782	19.67	23.92	82.23%
21	92586	Auditor evoke potent limit	0	237	53.32	87.29	61.08%
22	92584	Electrocochleography	0	148	45.53	74.99	60.71%
23	92633	Aud rehab postling hear loss	0	115	49.72	0.00	0.00%
24	92700	Ent procedure/service	0	188	25.22	0.00	0.00%
25	92563	Tone decay hearing test	0	177	26.51	31.52	84.11%
26	92602	Reprogram cochlear implt 7/	0	66	62.58	91.27	68.57%



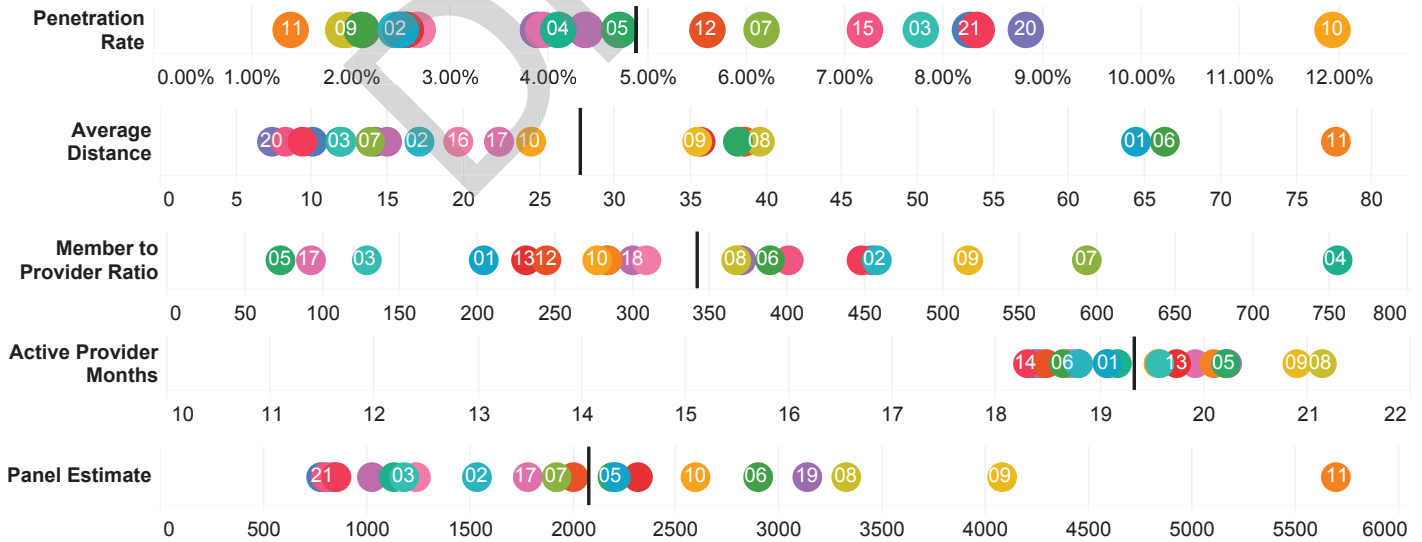
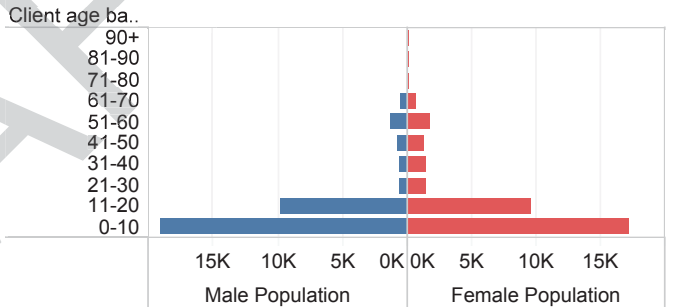
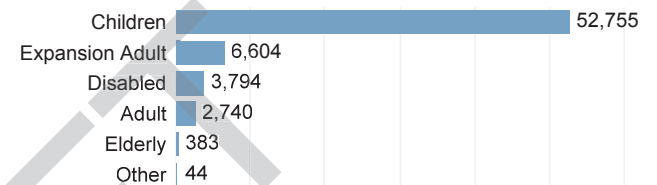
Utilization and Access Analysis: Ear, Nose, and Throat

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	65
Region 02 - Larimer	45
Region 03 - Douglas	85
Region 04 - El Paso	65
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	80
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	45
Region 07 - Pueblo	60
Region 08 - Saguache, Mineral, Rio Grande, Ala..	60
Region 09 - Dolores, San Juan, Montezuma, La ..	60
Region 10 - Delta, Gunnison, Montrose, San Mig..	80
Region 11 - Moffat, Routt, Jackson, Rio Blanco	65
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	60
Region 13 - Lake, Chaffee, Fremont, Custer	70
Region 14 - Adams	60
Region 15 - Arapahoe	65
Region 16 - Boulder, Broomfield	60
Region 17 - Gilpin, Clear Creek, Park, Teller	70
Region 18 - Weld	55
Region 19 - Mesa	75
Region 20 - Denver	60
Region 21 - Jefferson	65

	FY 2015	FY 2016
Rendering Provider Count	612	642
Utilizer Count	37,801	39,020



Clients by Population, Age, and Gender



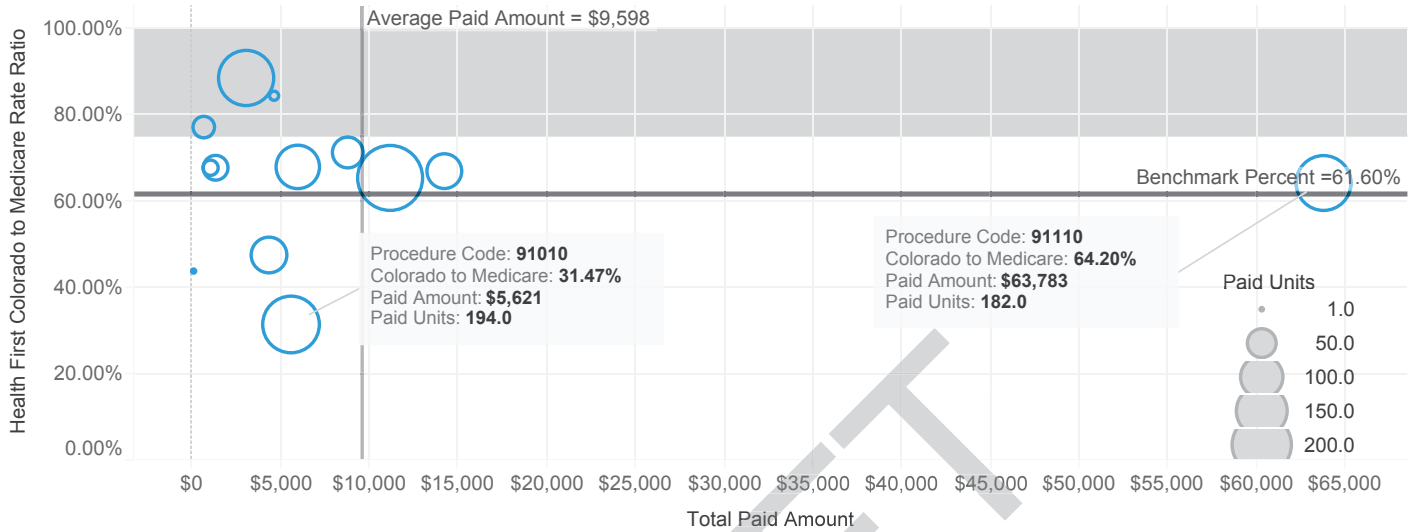
Hsr Rgn Cd Desc

Region 01 - Loga..	Region 05 - Elbe..	Region 09 - Dolo..	Region 13 - Lake..	Region 17 - Gilpi..	Region 21 - Jeffe..
Region 02 - Lari..	Region 06 - Cro..	Region 10 - Delt..	Region 14 - Ada..	Region 18 - Weld	
Region 03 - Dou..	Region 07 - Pue..	Region 11 - Moff..	Region 15 - Arap..	Region 19 - Mesa	
Region 04 - El P..	Region 08 - Sag..	Region 12 - Garfi..	Region 16 - Boul..	Region 20 - Den..	



Rate Comparison Analysis: Gastroenterology

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
Gastroenterology	\$126,272	\$204,955	61.60%



Top Gastroenterology Services Sorted by Total Paid

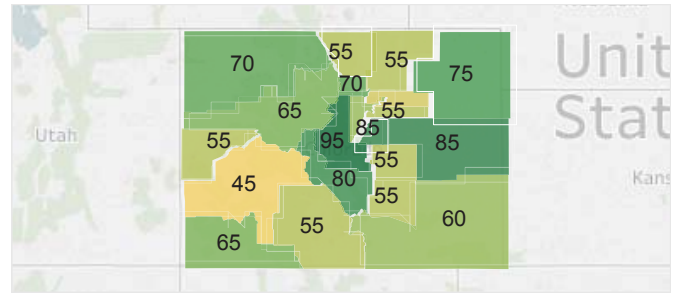
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	91110	Gi tract capsule endoscopy	0	85	605.76	899.30	67.36%
2	91110	Gi tract capsule endoscopy	26	95	119.16	194.49	61.27%
3	91110	Gi tract capsule endoscopy	TC	30	486.60	704.81	69.04%
4	91035	G-esoph reflux tst w/electrod	0	39	328.91	489.86	67.14%
5	91035	G-esoph reflux tst w/electrod	26	34	57.81	86.23	67.04%
6	91038	Esoph impeded funct test > 1hr	0	30	89.92	458.03	19.63%
7	91038	Esoph impeded funct test > 1hr	26	238	40.43	58.74	68.83%
8	91120	Rectal sensation test	0	30	317.17	433.50	73.16%
9	91120	Rectal sensation test	26	33	35.94	51.58	69.68%
10	91037	Esoph impeded function test	0	30	105.24	163.40	64.41%
11	91037	Esoph impeded function test	26	86	35.71	51.88	68.83%
12	91010	Esophagus motility study	0	42	54.68	179.66	30.44%
13	91010	Esophagus motility study	26	152	21.87	68.86	31.76%
14	91112	Gi wireless capsule measure	0	30	929.96	1,101.75	84.41%
15	91122	Anal pressure record	0	30	69.39	231.76	29.94%
16	91122	Anal pressure record	26	54	50.86	92.70	54.87%
17	91065	Breath hydrogen/methane test	0	30	58.39	79.61	73.35%
18	91065	Breath hydrogen/methane test	26	157	9.54	10.45	91.29%
19	91034	Gastroesophageal reflux test	26	37	35.71	52.67	67.80%
20	91111	Esophageal capsule endosco..	0	30	523.29	738.58	70.85%
21	91111	Esophageal capsule endosco..	26	30	36.30	53.68	67.62%
22	91200	Liver elastography	0	30	24.86	32.17	77.28%
23	91020	Gastric motility studies	0	30	105.04	238.60	44.02%



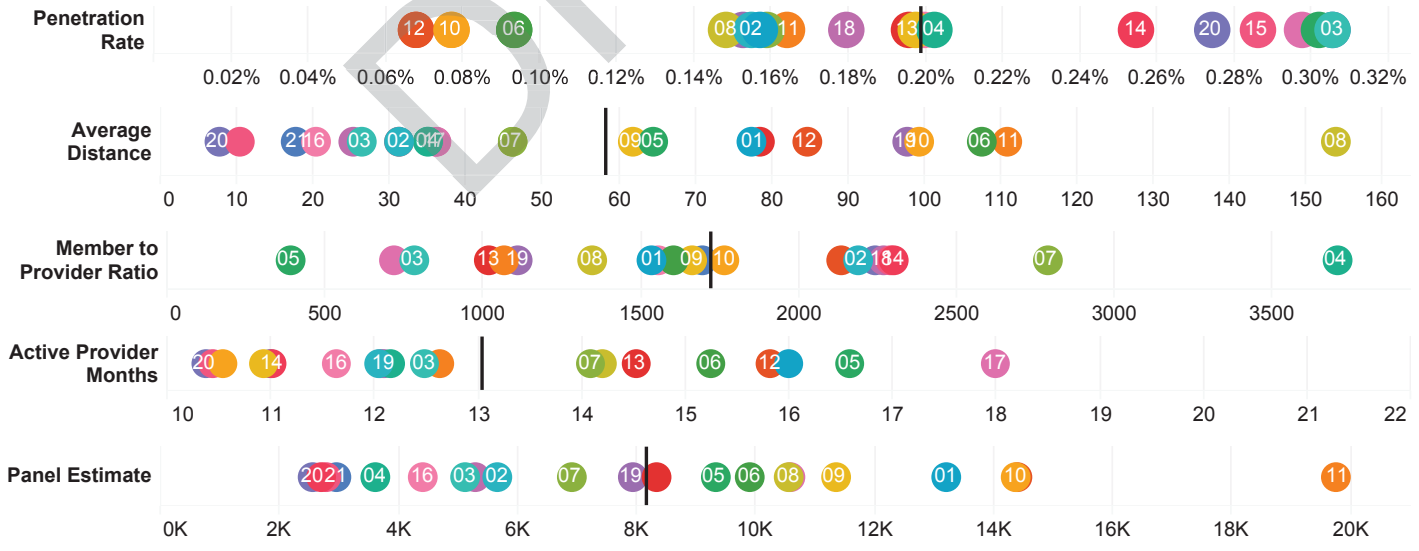
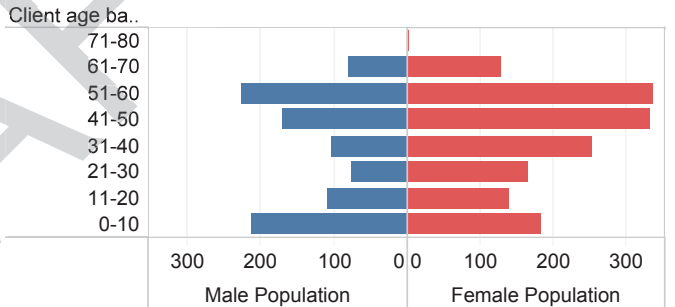
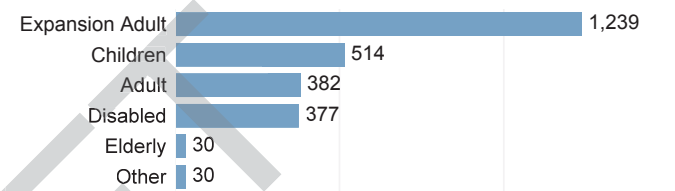
Utilization and Access Analysis: Gastroenterology

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	75
Region 02 - Larimer	55
Region 03 - Douglas	85
Region 04 - El Paso	55
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	85
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	60
Region 07 - Pueblo	55
Region 08 - Saguache, Mineral, Rio Grande, Ala..	55
Region 09 - Dolores, San Juan, Montezuma, La ..	65
Region 10 - Delta, Gunnison, Montrose, San Mig..	45
Region 11 - Moffat, Routt, Jackson, Rio Blanco	70
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	65
Region 13 - Lake, Chaffee, Fremont, Custer	80
Region 14 - Adams	50
Region 15 - Arapahoe	55
Region 16 - Boulder, Broomfield	70
Region 17 - Gilpin, Clear Creek, Park, Teller	95
Region 18 - Weld	55
Region 19 - Mesa	55
Region 20 - Denver	60
Region 21 - Jefferson	60

	FY 2015	FY 2016
Rendering Provider Count	128	142
Utilizer Count	1,146	1,425



Clients by Population, Age, and Gender

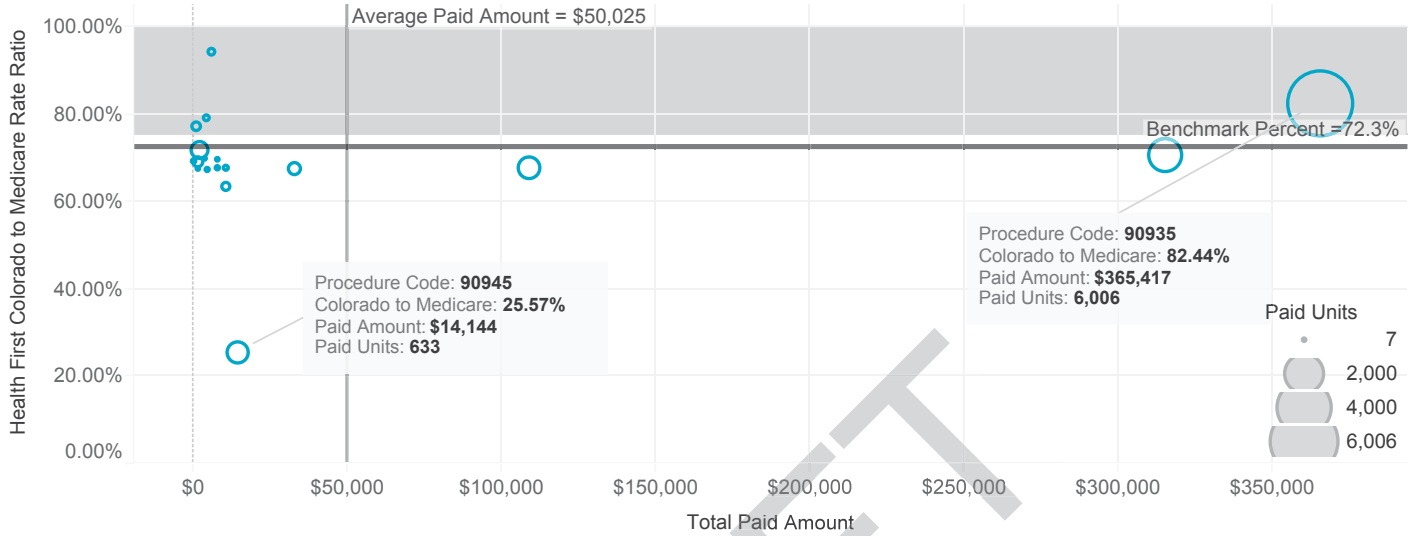


- Hsr Rgn Cd Desc
- Region 01 - Loga..
 - Region 02 - Lari..
 - Region 03 - Dou..
 - Region 04 - El P..
 - Region 05 - Elbe..
 - Region 06 - Cro..
 - Region 07 - Pue..
 - Region 08 - Sag..
 - Region 09 - Dolo..
 - Region 10 - Delt..
 - Region 11 - Moff..
 - Region 12 - Garfi..
 - Region 13 - Lake..
 - Region 14 - Ada..
 - Region 15 - Arap..
 - Region 16 - Boul..
 - Region 17 - Gilpi..
 - Region 18 - Weld
 - Region 19 - Mesa
 - Region 20 - Den..
 - Region 21 - Jeffe..



Rate Comparison Analysis: ESRD and Dialysis Services

Sub-category of Service	Repriced Colorado 7/1/2016	Repriced Medicare 1/1/2016	Colorado to Medicare
ESRD and Dialysis	\$903,453	\$1,250,183	72.30%



Top ESRD and Dialysis Services Sorted by Total Paid

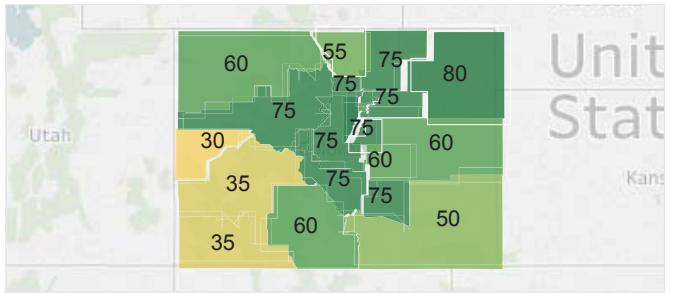
Index	Service	Service Description	Modifier	Paid Units (PHI)	Colorado Rate	Medicare Rate	Colorado to Medicare
1	90935	Hemodialysis one evaluation	0	6,006	60.88	73.85	82.44%
2	90960	Esrdr srv 4 visits p mo 20+	0	1,547	204.17	289.12	70.62%
3	90961	Esrdr srv 2-3 vsts p mo 20+	0	664	164.69	243.00	67.77%
4	90966	Esrdr home pt serv p mo 20+	0	204	162.85	242.25	67.22%
5	90945	Dialysis one evaluation	0	633	22.40	87.60	25.57%
6	90962	Esrdr serv 1 visit p mo 20+	0	91	118.97	187.50	63.45%
7	90965	Esrdr home pt serv p mo 12-19	0	34	311.75	461.02	67.62%
8	90964	Esrdr home pt serv p mo 2-11	0	30	327.71	484.49	67.64%
9	90957	Esrdr srv 4 vsts p mo 12-19	0	30	458.70	656.75	69.84%
10	90937	Hemodialysis repeated eval	0	62	99.88	105.93	94.29%
11	90959	Esrdr serv 1 vst p mo 12-19	0	30	203.17	301.72	67.34%
12	90947	Dialysis repeated eval	0	46	99.80	126.49	78.90%
13	90989	Dialysis training complete	0	30	488.25	0.00	0.00%
14	90958	Esrdr srv 2-3 vsts p mo 12-19	0	30	309.66	444.06	69.73%
15	90970	Esrdr home pt serv p day 20+	0	405	5.69	7.94	71.66%
16	90956	Esrdr srv 1 visit p mo 2-11	0	30	219.27	324.43	67.59%
17	90969	Esrdr home pt serv p day 12-19	0	138	10.71	15.51	69.05%
18	90967	Esrdr home pt serv p day <2	0	103	14.15	18.38	76.99%
19	90968	Esrdr home pt serv p day 2-11	0	30	10.99	15.87	69.25%
20	90993	Dialysis training incompl	0	30	488.25	0.00	0.00%



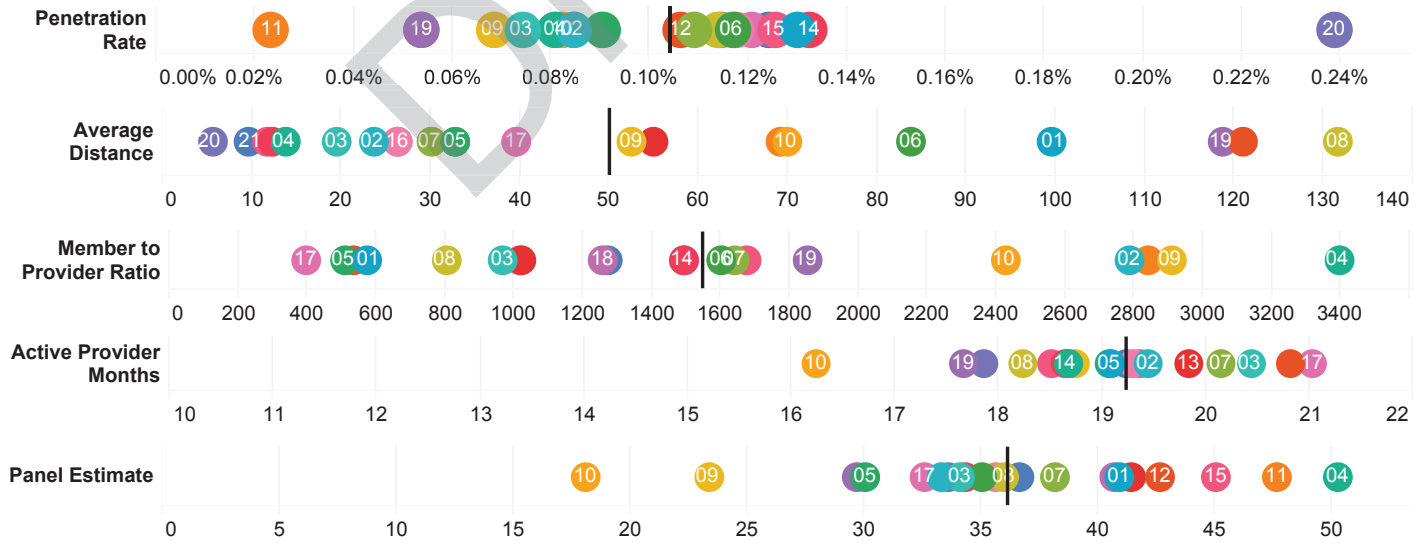
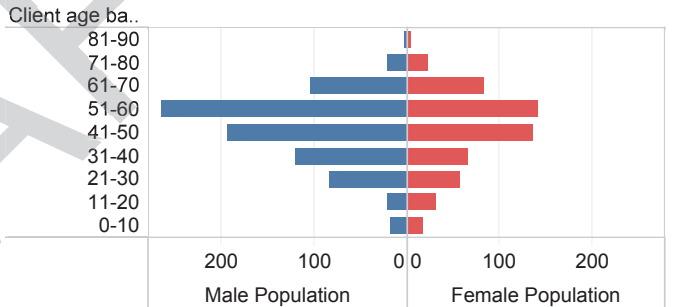
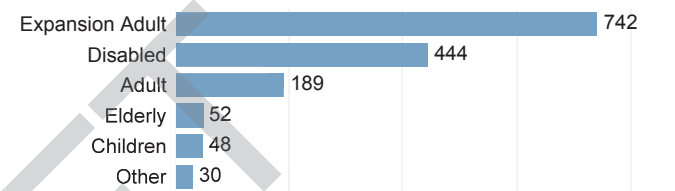
Utilization and Access Analysis: ESRD and Dialysis

Region 01 - Logan, Sedgwick, Phillips, Morgan, ..	80
Region 02 - Larimer	55
Region 03 - Douglas	75
Region 04 - El Paso	60
Region 05 - Elbert, Lincoln, Kit Carson, Cheyenne	60
Region 06 - Crowley, Kiowa, Otero, Bent, Prower..	50
Region 07 - Pueblo	75
Region 08 - Saguache, Mineral, Rio Grande, Ala..	60
Region 09 - Dolores, San Juan, Montezuma, La ..	35
Region 10 - Delta, Gunnison, Montrose, San Mig..	35
Region 11 - Moffat, Routt, Jackson, Rio Blanco	60
Region 12 - Garfield, Grand, Eagle, Summit, Pitkin	75
Region 13 - Lake, Chaffee, Fremont, Custer	75
Region 14 - Adams	75
Region 15 - Arapahoe	75
Region 16 - Boulder, Broomfield	75
Region 17 - Gilpin, Clear Creek, Park, Teller	75
Region 18 - Weld	75
Region 19 - Mesa	30
Region 20 - Denver	65
Region 21 - Jefferson	85

	FY 2015	FY 2016
Rendering Provider Count	118.0	123.0
Utilizer Count	791.0	850.0



Clients by Population, Age, and Gender



- Hsr Rgn Cd Desc
- Region 01 - Loga..
 - Region 02 - Lari..
 - Region 03 - Dou..
 - Region 04 - El P..
 - Region 05 - Elbe..
 - Region 06 - Cro..
 - Region 07 - Pue..
 - Region 08 - Sag..
 - Region 09 - Dolo..
 - Region 10 - Delt..
 - Region 11 - Moff..
 - Region 12 - Garfi..
 - Region 13 - Lake..
 - Region 14 - Ada..
 - Region 15 - Arap..
 - Region 16 - Boul..
 - Region 17 - Gilpi..
 - Region 18 - Weld
 - Region 19 - Mesa
 - Region 20 - Den..
 - Region 21 - Jeffe..