

Medicaid Provider Rate Review Public Quarterly Meeting

Presented by: Eloiss Hulsbrink, HCPF
Tim Dienst, MPRRAC Chair

February 5, 2021
9:00 AM - 2:00 PM

Our Mission

Improving health care access and outcomes for the **people** we serve while demonstrating sound stewardship of financial **resources**

Agenda

Introductions	9:00 a.m.
Review Agenda and Meeting Logistics	9:05 a.m.
Meeting Minutes	9:10 a.m.
Data Analysis Preliminary Results for Year One, Cycle Two Services:	9:15 a.m.
• Transportation	
• Emergency Medical Transportation (EMT)	9:15 a.m.
• Non-Emergent Medical Transportation (NEMT)	9:30 a.m.
• Questions and Feedback	9:45 a.m.
<i>Break</i>	<i>10:15 a.m.</i>
• Adult Waivers Data Analysis Results	10:25 a.m.
• BI, DD, SLS, CMHS, EBD, SCI	
• Adult Waivers Questions and Feedback	11:10 a.m.
<i>Lunch Break</i>	<i>11:50 a.m.</i>
• Children's Waivers Data Analysis Results	12:10 p.m.
• CLLI, CES, CHRP, CHCBS	
• Children's Waivers Questions and Feedback	12:35 p.m.
• Targeted Case Management (TCM) Data Analysis Results	1:15 p.m.
• TCM Rates Questions and Feedback	1:25 p.m.
Next Steps and Announcements	1:50 p.m.
Adjourn	2:00 p.m.

Meeting Etiquette

- Honor the Agenda
 - Stay solution and scope focused
- Identify yourself before speaking
- Honor and Respect Everyone
 - Mind E-manners
 - Share the air
- Q & A box
 - Please use for any technical questions or requests for assistance
 - Not to be used for discussion

Protected Health Information (PHI)

- Protected Health Information is individually identifiable information relating to the past, present, or future health status of an individual.
- Information such as diagnoses, treatment information, medical test results, and prescription information are considered PHI under HIPAA, as are national identification numbers and demographic information such as birth dates, gender, ethnicity, and contact/emergency contact information.
- This meeting is recorded and will be made publicly available on the Department website.
- Shared PHI may result in the portions of the meeting recording being deleted and delays posting the meeting recording.

Meeting Attendance

Meeting Minutes

November 20, 2020

Tim Dienst, Chair

Requests

Jami Gazerro

Requests

- Committee member EDI training
- Google survey about 2nd ad hoc meeting - results will be discussed at end of meeting
- Additional 1:1 training for committee members
- Executive participation
- Department website changes
<https://www.colorado.gov/pacific/hcpf/rate-review>

Year One Rate Comparison Analysis and Access to Care Preliminary Results

Presented by: Eloiss Hulsbrink

Meeting Scope

Within Scope:

- Why particular services are or are not included in the analyses;
- The data sources used to extract data;
- Rate comparison and access analysis methodologies;
- Notable access considerations, including utilization or provider retention; and
- Feedback on how best to present data.

Out of Scope:

- The amount, scope, and duration of HCBS waiver services;
- Why rates are set at their current rate; and
- Requests for a rate to be increased.

Services Under Review

- Transportation
 - Emergency Medical Transportation (EMT)
 - Non-Emergent Medical Transportation (NEMT)
- Home and Community-Based Services (HCBS) Waivers
 - Adult Waivers:
 - Brain Injury (BI)
 - Elderly, Blind and Disabled (EBD)
 - Spinal Cord Injury (SCI)
 - Supported Living Services (SLS)
 - Community Mental Health Supports (CMHS)
 - Persons with Developmental Disabilities (DD)
 - Children Waivers:
 - Children with Life Limiting Illness (CLLI)
 - Children's Extensive Support (CES)
 - Children's Habilitation Residential Program (CHRP)
 - Children's Home and Community-Based Services (CHCBS)
- Targeted Case Management (TCM)

Base Data - Validations

- Received Over 2 years of Fee-For-Service (FFS) data
 - March 1, 2017 - December 31, 2019 Incurred Claims
 - March 1, 2017 - December 31, 2018 used for validation and adjustment purposes only
 - Only CY 2019 will be utilized in the analysis to base results on most recent experience
- Validation steps:
 - Longitudinal paid, utilization, and record count analysis
 - Match against Enrollment file completed
 - Excluded Non-TXIX, no eligibility span, and Consumer Directed Attendant Support Services (CDASS) claims

Please Note: All figures shown are DRAFT



Rate Comparison Methodology

- Actuarial analysis uses utilization information from claims data to determine cost of services for base data (CY 2019)
- Reprice Colorado Medicaid total dollars for CY 2019 using most recent Fee Schedule at the time of analysis (July 2020)
- Reprice benchmark total dollars using their most recently available rate information
 - Determines what would have been paid for base year data had Colorado's utilization been paid at the benchmark rate
- Compare repriced paid amounts to determine individual rate ratios and the fiscal impact estimation if Colorado had paid at 100% of the benchmark

Access to Care Metrics :

Realized Access

Metric	Definition	Time Period of Metric
Distinct Utilizers Over Time	Count of distinct utilizers of the service	July 2017 - December 2019
Active Providers Over Time	Count of providers that provided one or more reimbursable services during the last 12 months	July 2017 - December 2019
Utilizers Per Provider (Panel Size)	Ratio of distinct utilizers to active providers; estimates average Medicaid members seen per provider	July 2017 - December 2019
Utilizer Density Heat Map	Count of distinct utilizers by county of residence	CY 2019
Penetration Rate Heat Map	Indicates the estimated share of total Medicaid members that received the service by county of residence, expressed per 1,000 members	CY 2019

Access to Care Metrics - Potential Access

Metric	Definition	Time Period of Metric
Member to Provider Ratio	Indicates the number of providers for a service compared to the total Medicaid population, expressed per 1,000 members	CY 2019
ArcGIS Drive Time Map	Indicates percentage of Medicaid members that live within a certain drive time	CY 2019

Transportation Services

EMT, NEMT

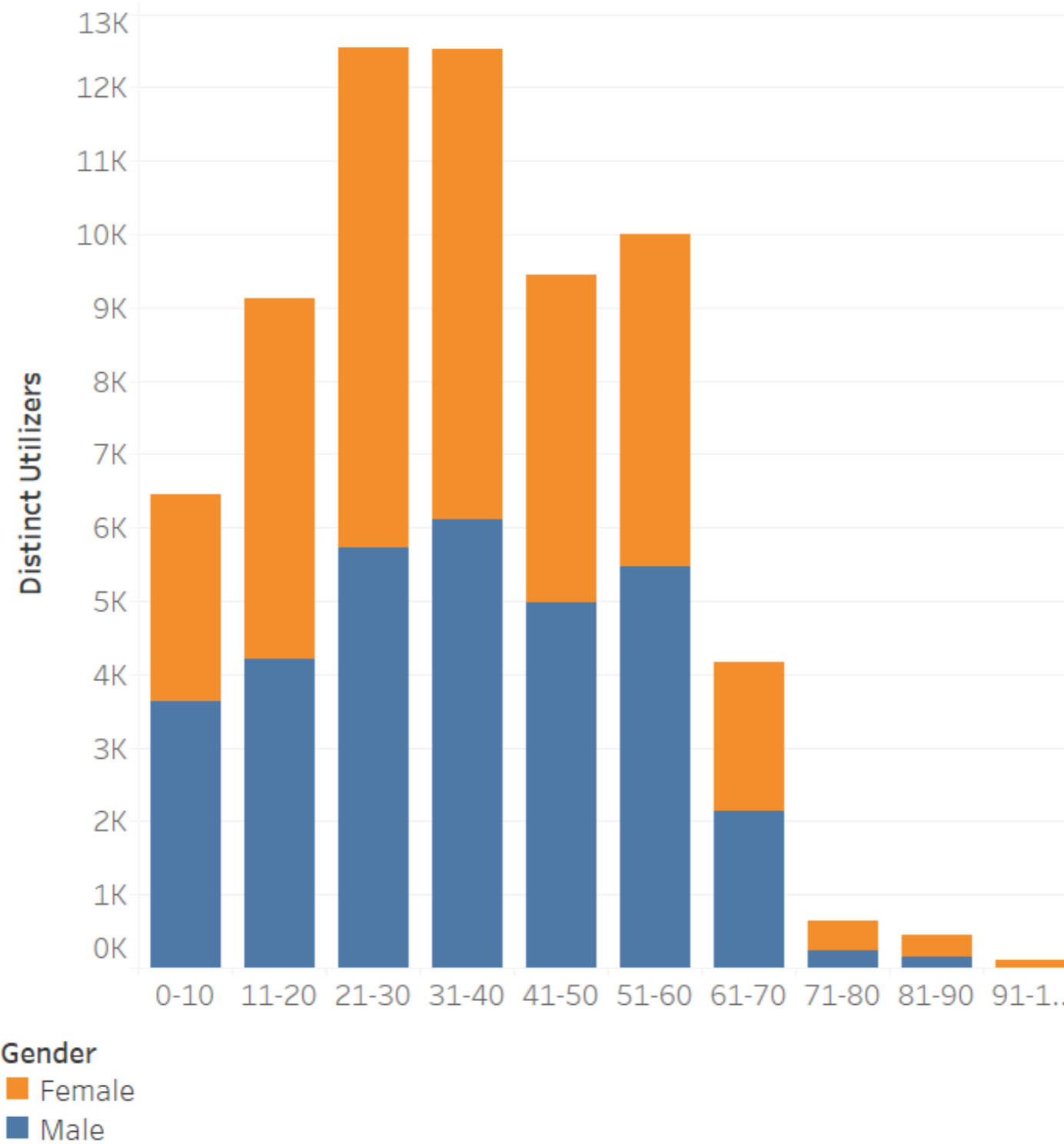
Emergency Medical Transportation (EMT)

	Total Member Count	Total Provider Count	Total Paid Dollars
Cycle 1 (FY 2014-15)	59,081	164	\$14,306,850
Cycle 2 (CY 2019)	65,441	499	\$26,385,307

- Emergency transportation to a facility.
- Available to all Colorado Medicaid members.
- Providers that render EMT services must be enrolled in Medicaid and be a county-licensed ground ambulance agency or CDPHE-listed air ambulance agency with CDPHE-certified personnel.

*DRAFT - All Calculations are Preliminary

EMT Utilizer Demographics - CY 2019



*DRAFT - All Calculations are Preliminary

EMT - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	A0427	ALS1-EMERGENCY	56,098	\$10,250,937
2	A0429	BLS-EMERGENCY	57,062	\$7,153,549
3	A0431	ROTARY WING AIR TRANSPORT	1,201	\$3,012,902
4	A0425	GROUND MILEAGE	962,993	\$1,980,245
5	A0430	FIXED WING AIR TRANSPORT	693	\$1,898,192
6	A0433	ALS 2	1,727	\$360,471
7	A0434	SPECIALTY CARE TRANSPORT	1,030	\$237,927
8	A0436	ROTARY WING AIRE MILEAGE	21,770	\$220,168
9	A0435	FIXED WING AIR MILEAGE	23,717	\$177,059
10	A0422	AMBULANCE 02 LIFE SUSTAINING	9,447	\$132,235

***DRAFT - All Calculations are Preliminary**

EMT - Comparison Methodology

- Medicare Fee Schedule
 - Compared 9 of 11 procedure codes to Medicare Fee Schedule.
- Average of 6 Other States' Medicaid Fee Schedules
 - Comparisons for 2021 Report: AL, AR, CA, MT, OK, WI
 - Previously compared: AL, CA, CT, MT, WI
 - Supplemental for validity: OK, AR
 - All services matched on a procedure code-modifier basis to the fee schedules' respective levels of detail

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$26,385,307	\$24,886,852	94.3%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$24,886,852	\$27,486,917	97.9%

*DRAFT - All Calculations are Preliminary

EMT Rate Comparison Results

Benchmark Comparison Payor	Colorado Repriced	Benchmark Repriced	CO as Percent of Benchmark
Medicare	\$27,353,805	\$67,037,361	40.80%
Other States' Medicaid	\$133,112	\$133,774	99.51%
Benchmark Total	\$27,486,917	\$67,171,134	40.92%

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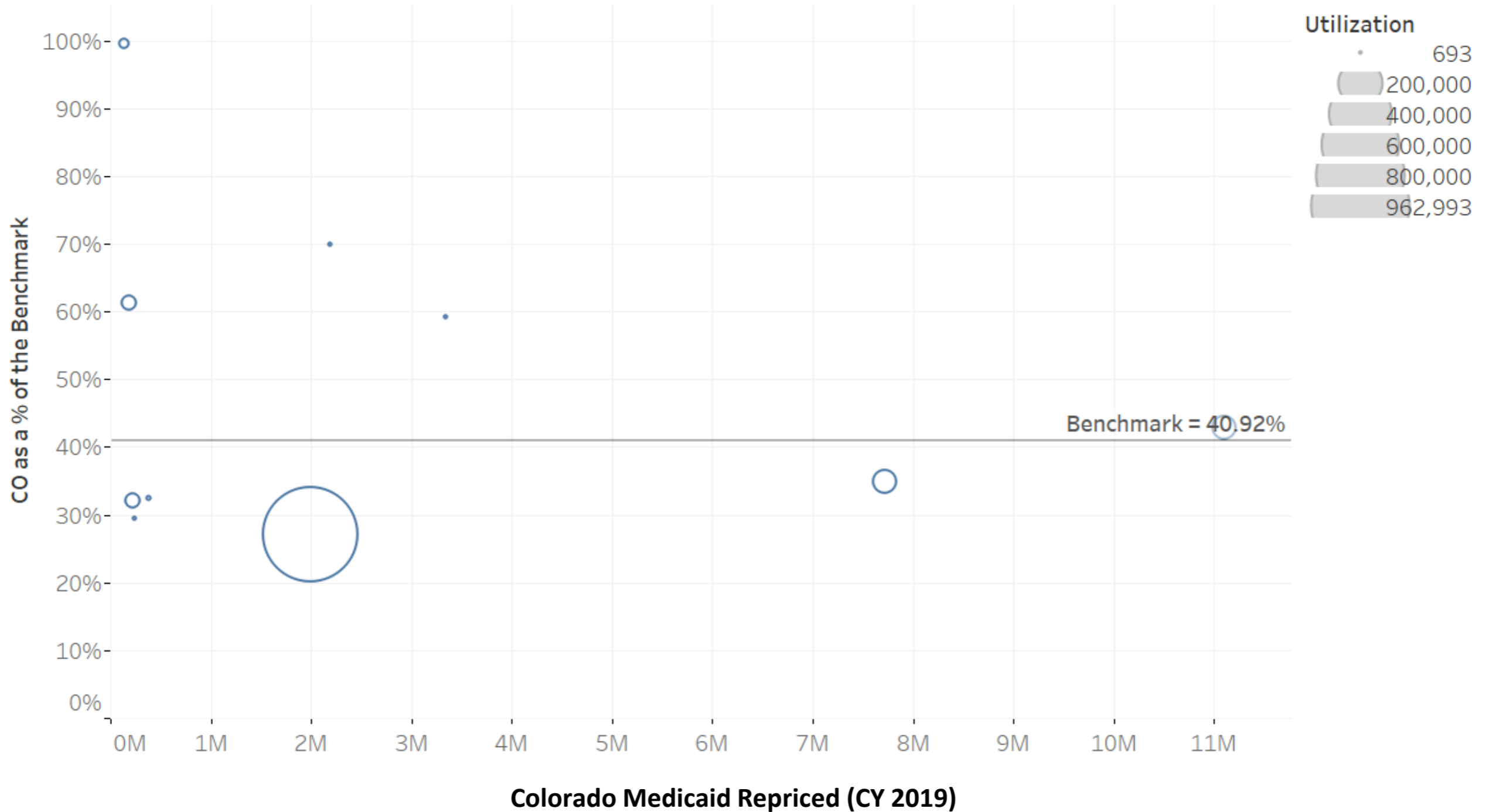
EMT - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019, it would have had an estimated total fund fiscal impact of **\$39,684,217**.

EMT Comparison Results	
Colorado as a Percentage of Benchmark	40.92%
Colorado Repriced Amount	\$27,486,917
Benchmark Repriced Amount	\$67,171,134
Est. CY 2019 Total Fund Impact	\$39,684,217

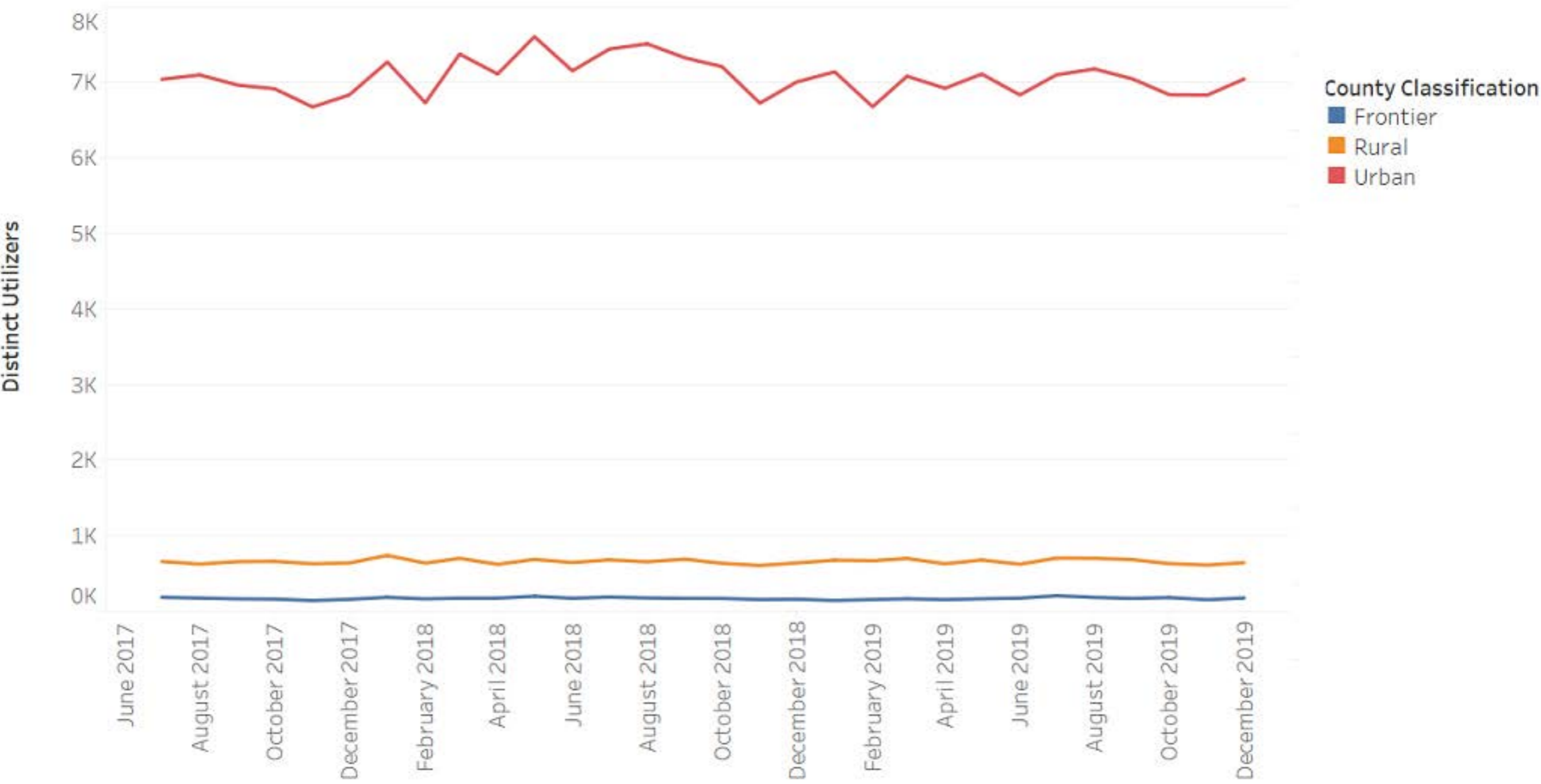
***DRAFT - All Calculations are Preliminary**

EMT - Scatterplot CY 2019



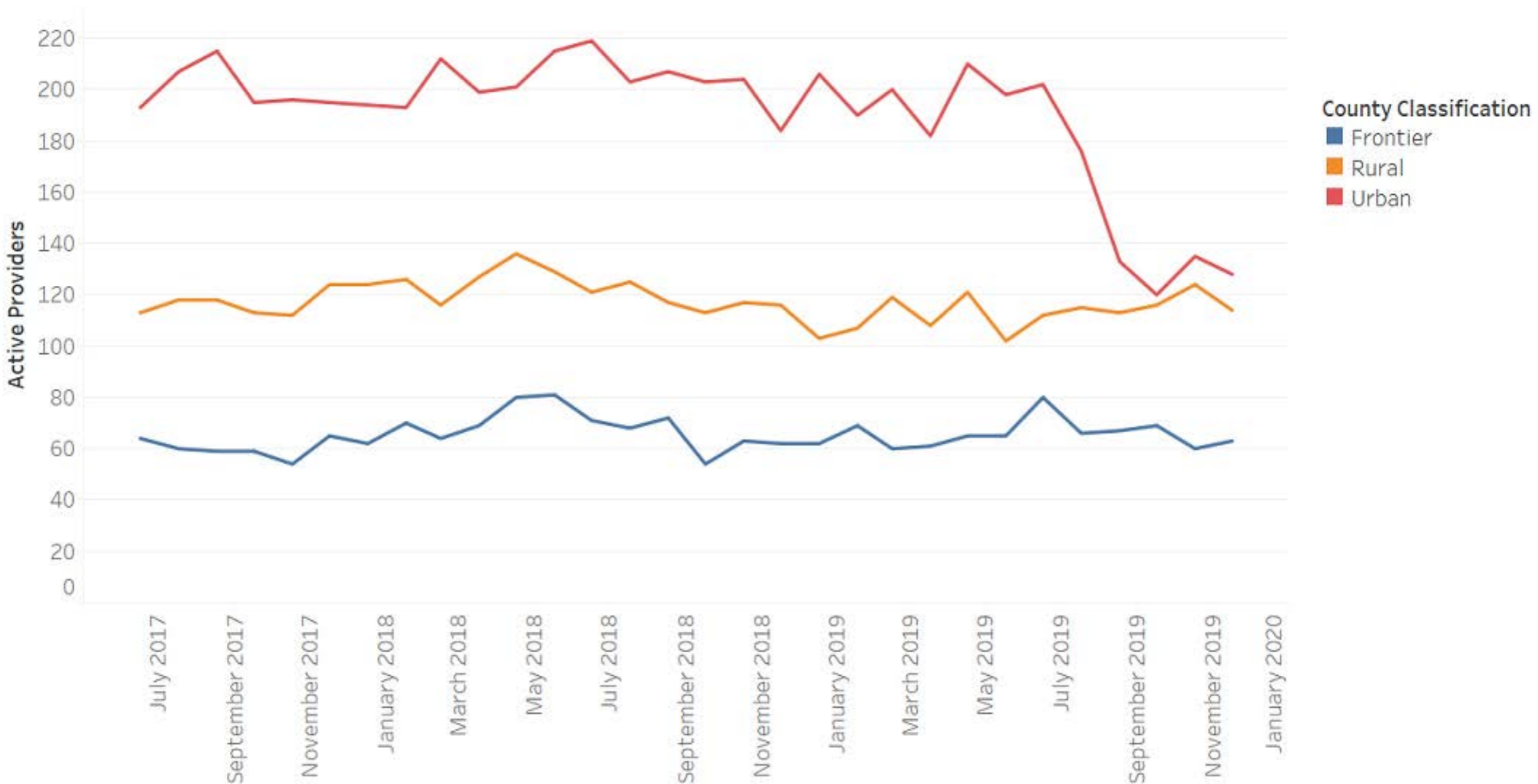
*DRAFT - All Calculations are Preliminary

EMT - Distinct Utilizers Over Time



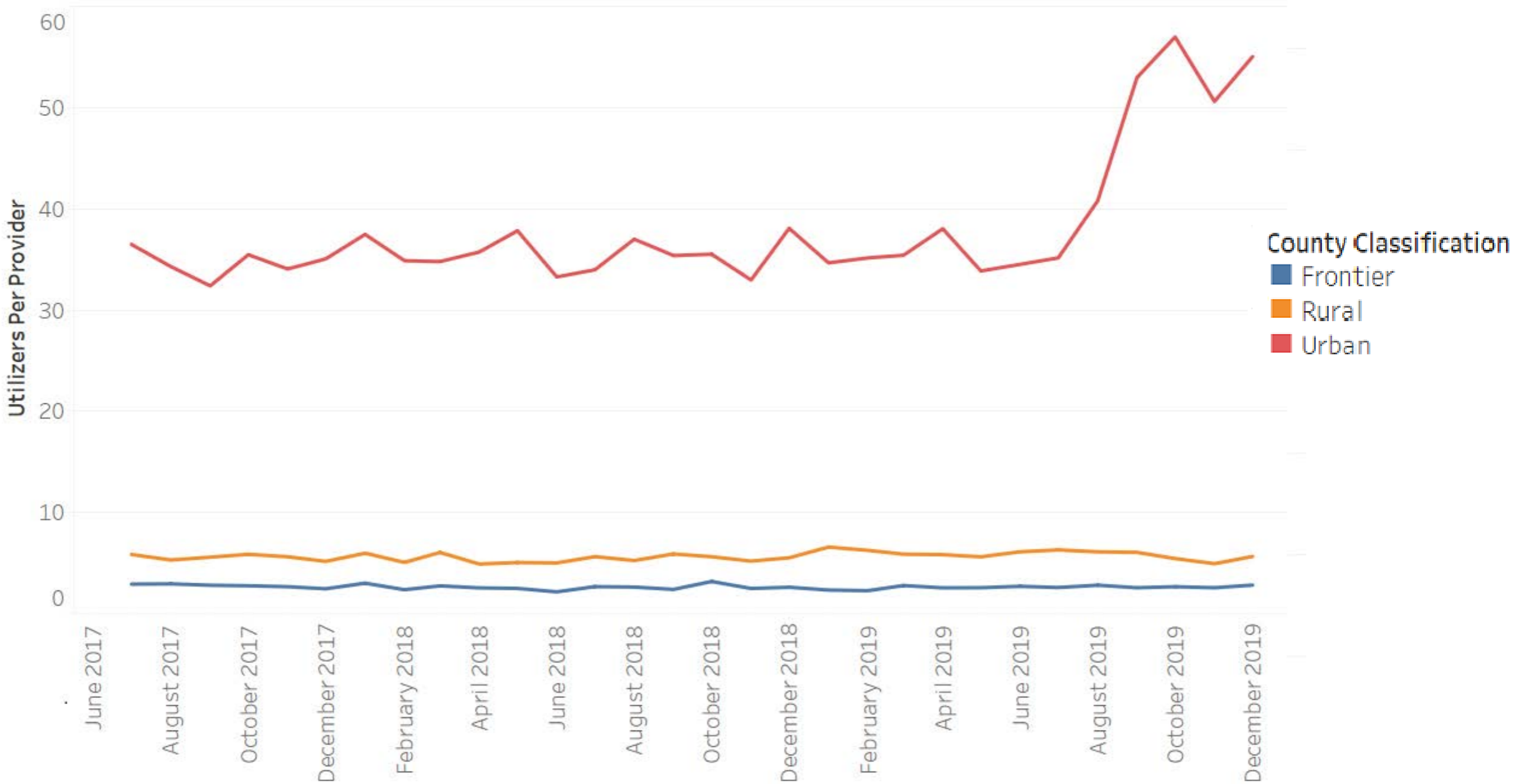
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EMT - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

EMT - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

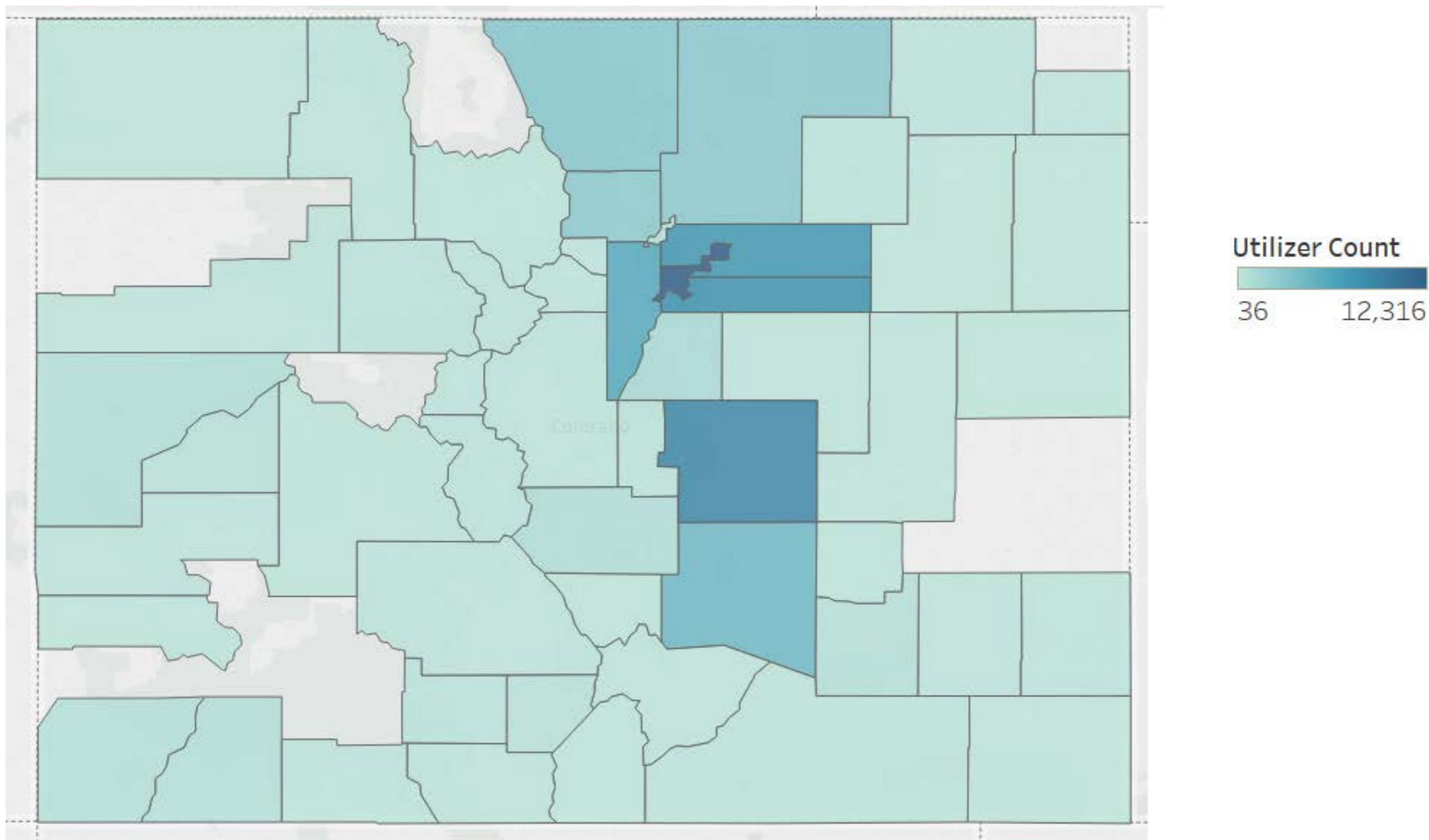
EMT - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 EMT Providers	CY 2019 Total Health First Colorado Members	Providers per 1,000 Members
Frontier	171	48,210	3.55
Rural	246	179,929	1.37
Urban	422	1,357,110	0.31
Statewide	499	1,478,090	0.34

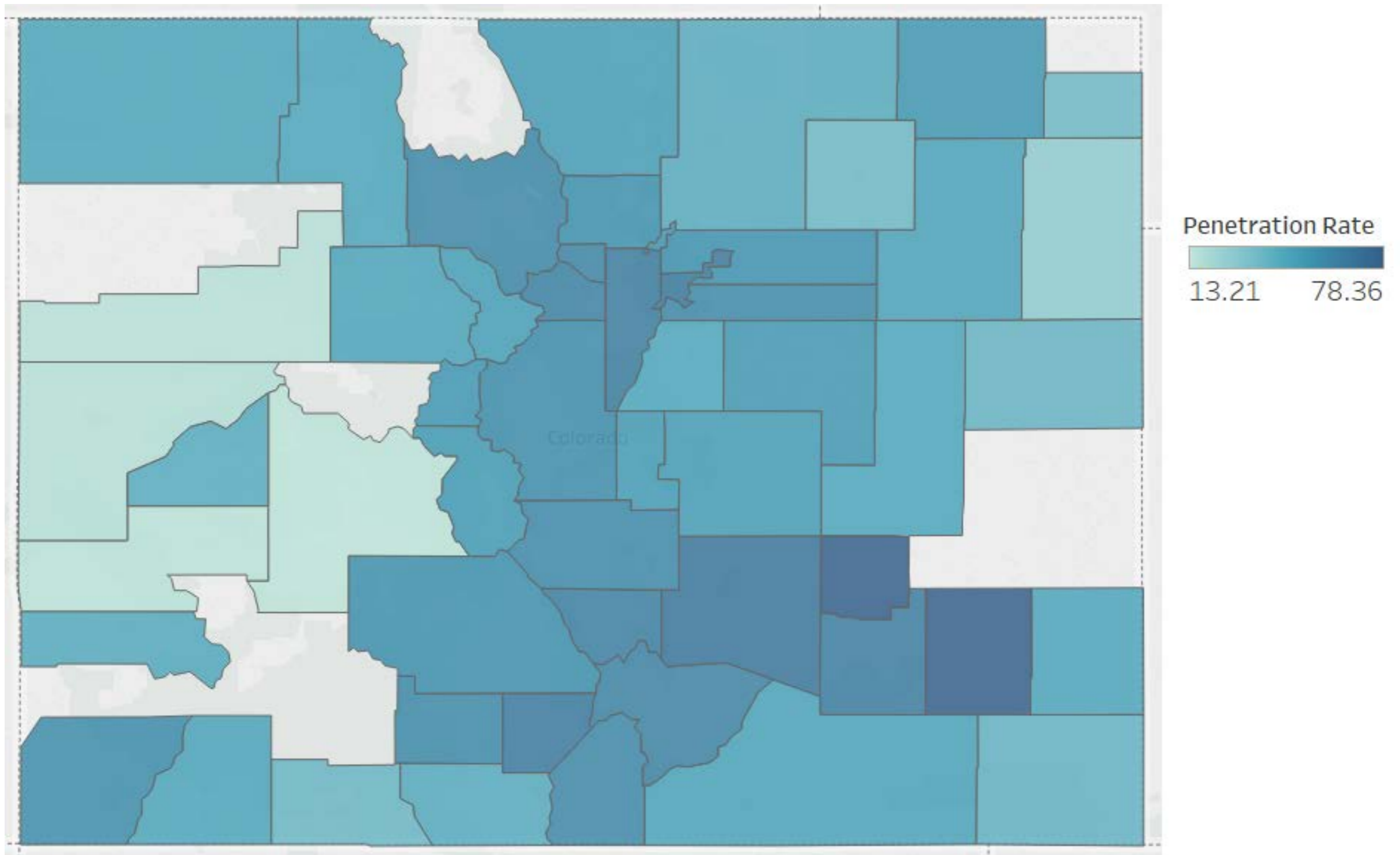
*DRAFT - All Calculations are Preliminary

EMT - Utilizer Density by Member County CY 2019



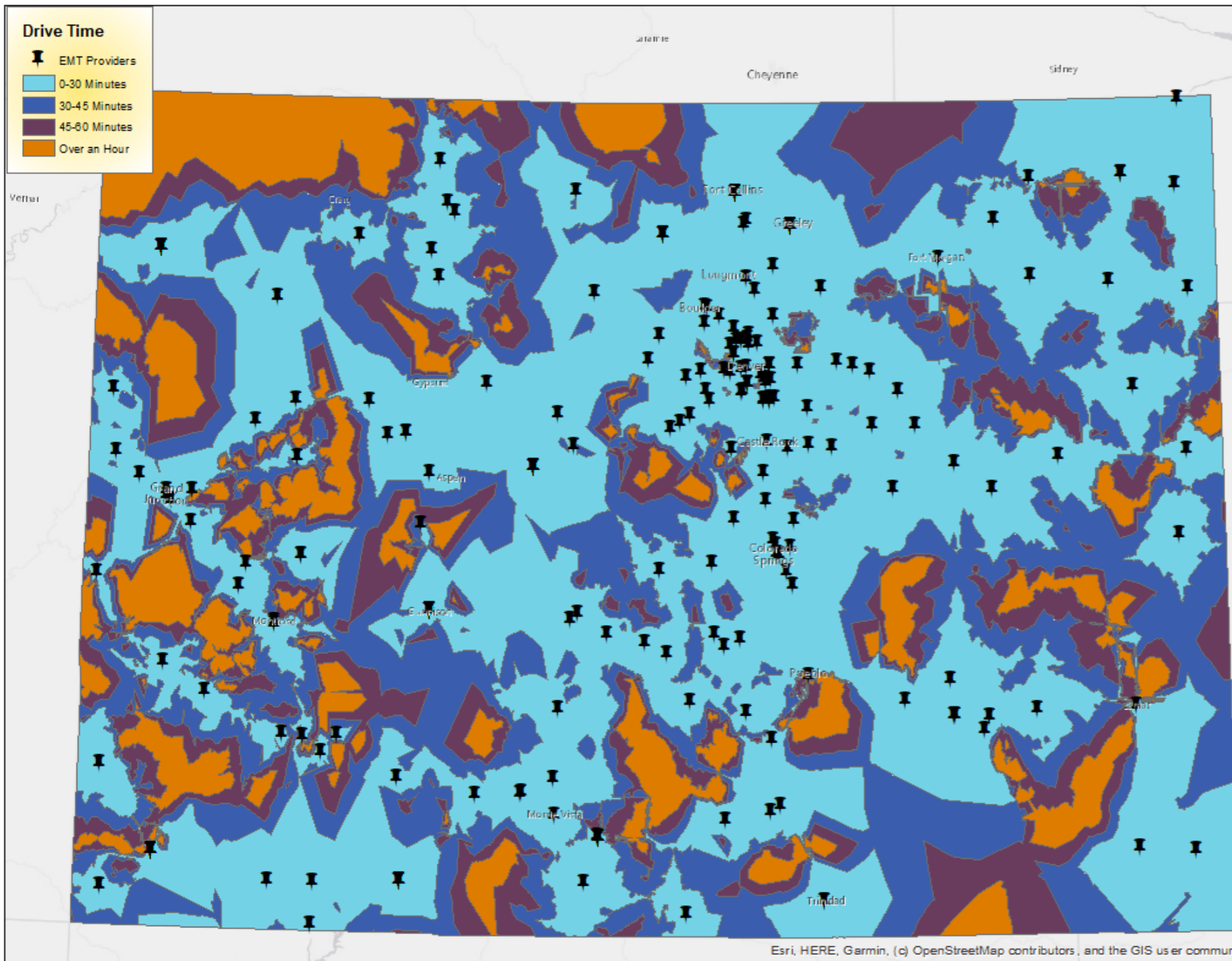
*DRAFT - All Calculations are Preliminary

EMT - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

EMT - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	95.36%
30-45 Minutes	1.82%
45-60 Minutes	1.49%
Over an Hour	1.33%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

Non-Emergent Medical Transportation (NEMT)

	Total Member Count	Total Provider Count	Total Paid Dollars
Cycle 1 (FY 2014-15)	28,684	101	\$13,670,286
Cycle 2 (CY 2019)	50,672	213	\$53,636,108

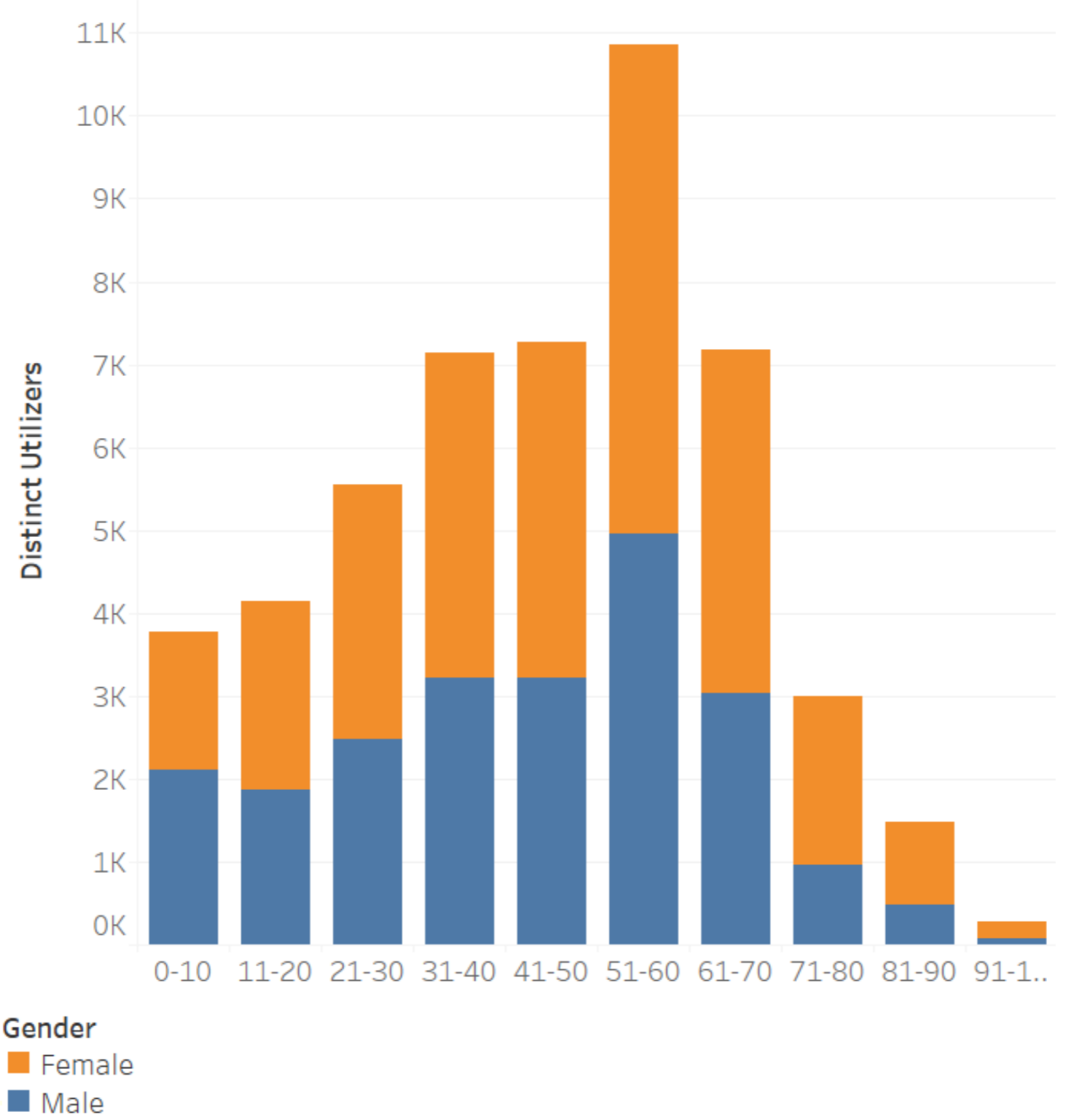
- Transportation to and from Medicaid benefits and services.
- Available to all Medicaid members who receive full State Plan benefits.
- Providers that render NEMT services must be enrolled in Medicaid and either licensed ambulance or air ambulance providers or licensed according to the Public Utilities Commission (PUC).
- Prior authorization is only required for out-of-state and air travel.

*DRAFT - All Calculations are Preliminary

NEMT - Statewide Broker

- New statewide broker, Intelliride, effective August 1, 2020
- Help improve customer services to both members and county partners
- Streamline operations and infrastructure
- Improve access for members
- Reduce administrative burden for counties
- More information can be found on the [NEMT web page](#).

NEMT Utilizer Demographics - CY 2019



*DRAFT - All Calculations are Preliminary

NEMT - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	A0425	GROUND MILEAGE	5,836,102	\$12,122,939
2	A0120	NONER TRANSPORT MINI-BUS	367,961	\$6,545,987
3	A0090	INTEREST ESCORT IN NONER	5,237,348	\$2,290,377
4	A0130	NONER TRANSPORT WHEELCHAIR VAN	60,265	\$1,148,503
5	A0200	NONER TRANSPORT LODGNG ESCORT	18,038	\$1,148,503
6	A0428	BLS	5,787	\$727,183
7	A0180	NONER LODGNG RECIP	6,501	\$439,030
8	A0434	SPECIALTY CARE TRANSPORT	1,997	\$389,051
9	S0209	WC VAN MILEAGE PER MI	303,908	\$301,702
10	A0426	ALS 1	937	\$108,830

***DRAFT - All Calculations are Preliminary**

NEMT - Comparison Methodology

- Medicare Fee Schedule
 - Compared 5 of 16 procedure codes to Medicare Fee Schedule.
- Average of 14 Other States' Medicaid Fee Schedules
 - All services matched on a procedure code-modifier basis to the fee schedules' respective levels of detail
 - States used in Rate Comparison Analysis: AL, AK, AR, AZ, CA, CT, IL, MT, ND, NE, NM, OH, OK, WI
 - Previously compared: AL, CA, CT, MT, WI
 - Supplemental for validity: AK, AR, AZ, IL, ND, ND, NM, OH, OK

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$53,636,108	\$25,970,652	47.1%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$25,970,652	\$27,213,979	97.3%

***DRAFT - All Calculations are Preliminary**

NEMT Rate Comparison Results

Benchmark Comparison Payor	Colorado Repriced	Benchmark Repriced	CO as Percent of Benchmark
Medicare	\$13,460,337	\$47,948,084	28.07%
Other States' Medicaid	\$13,753,641	\$24,598,445	55.91%
Benchmark Total	\$27,213,979	\$72,546,529	37.51%

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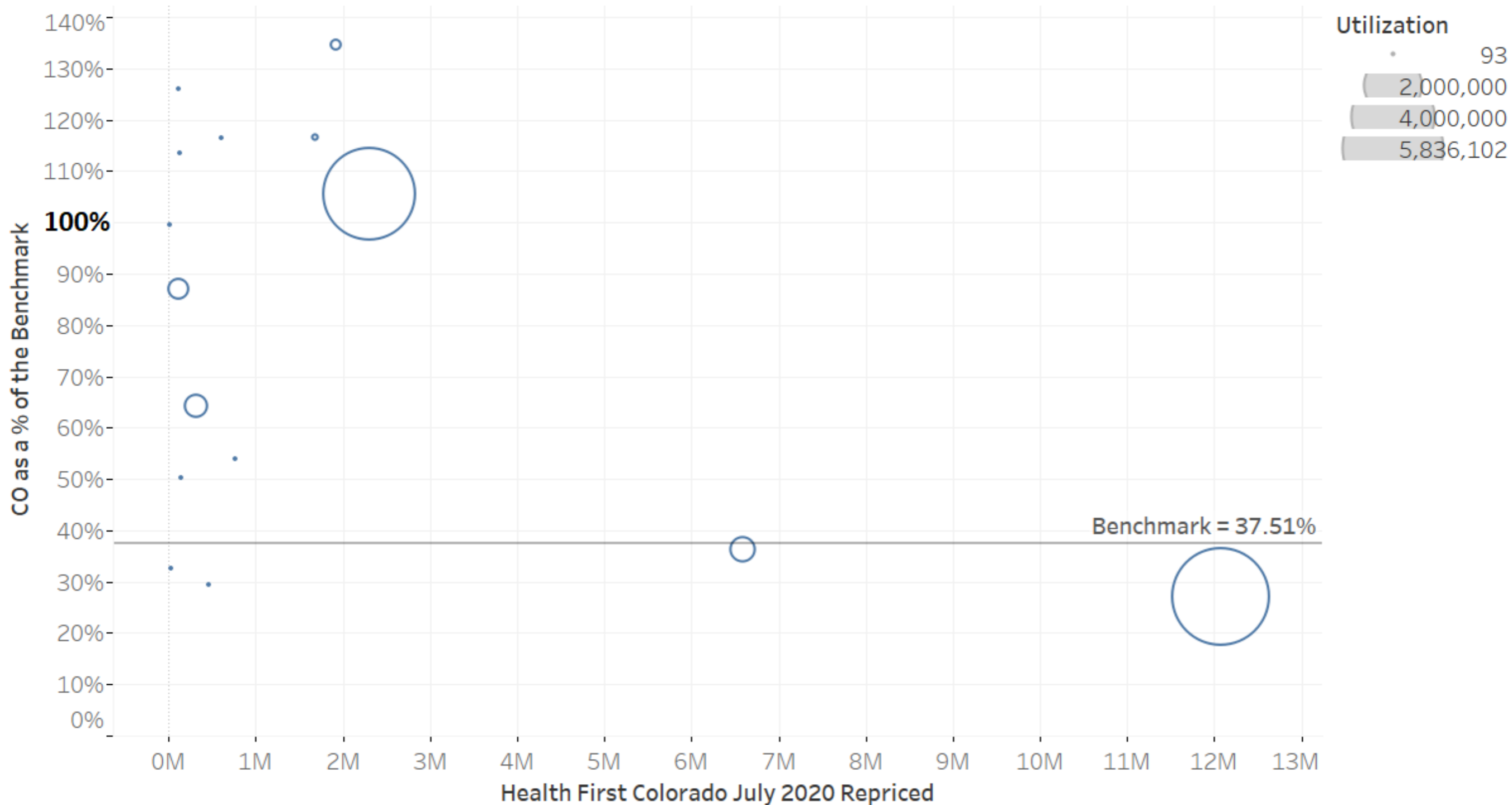
NEMT - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019, it would have had an estimated total fund fiscal impact of **\$48,332,550**.

NEMT Comparison Results	
Colorado as a Percentage of Benchmark	37.51%
Colorado Repriced Amount	\$27,213,979
Benchmark Repriced Amount	\$75,546,529
Est. CY 2019 Total Fund Impact	\$48,332,550

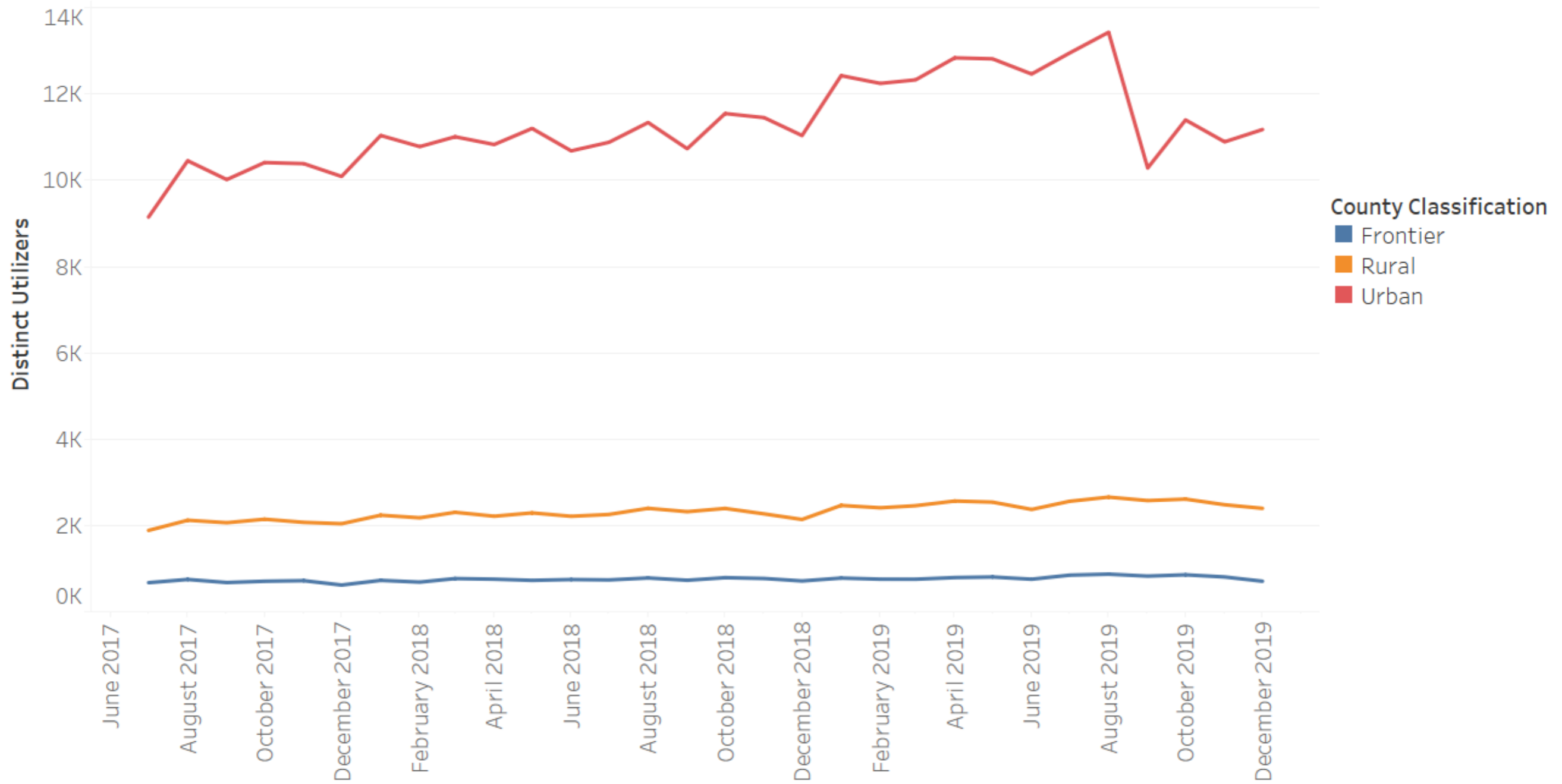
***DRAFT - All Calculations are Preliminary**

NEMT - Scatterplot CY 2019



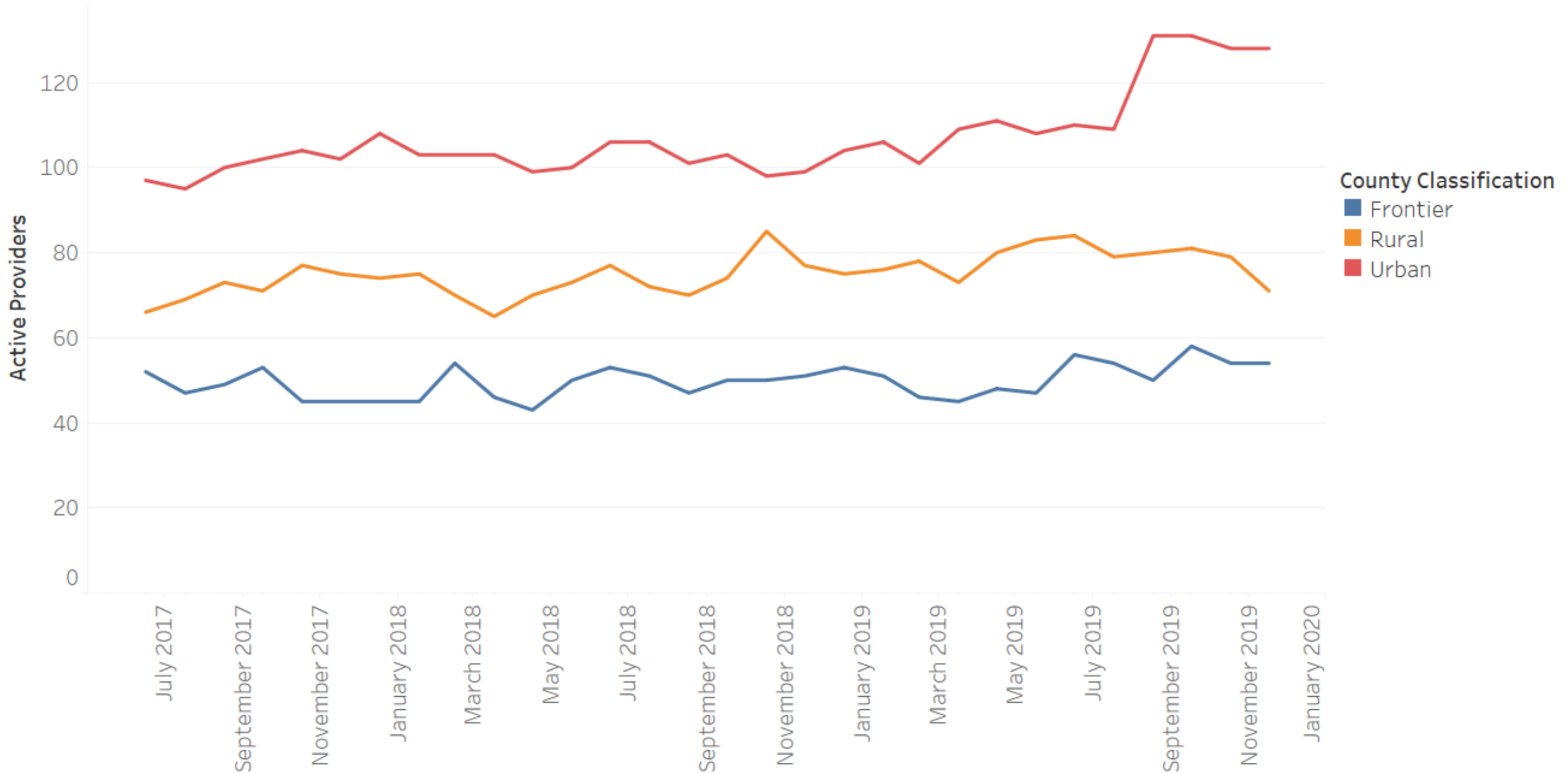
*DRAFT - All Calculations are Preliminary

NEMT - Distinct Utilizers Over Time



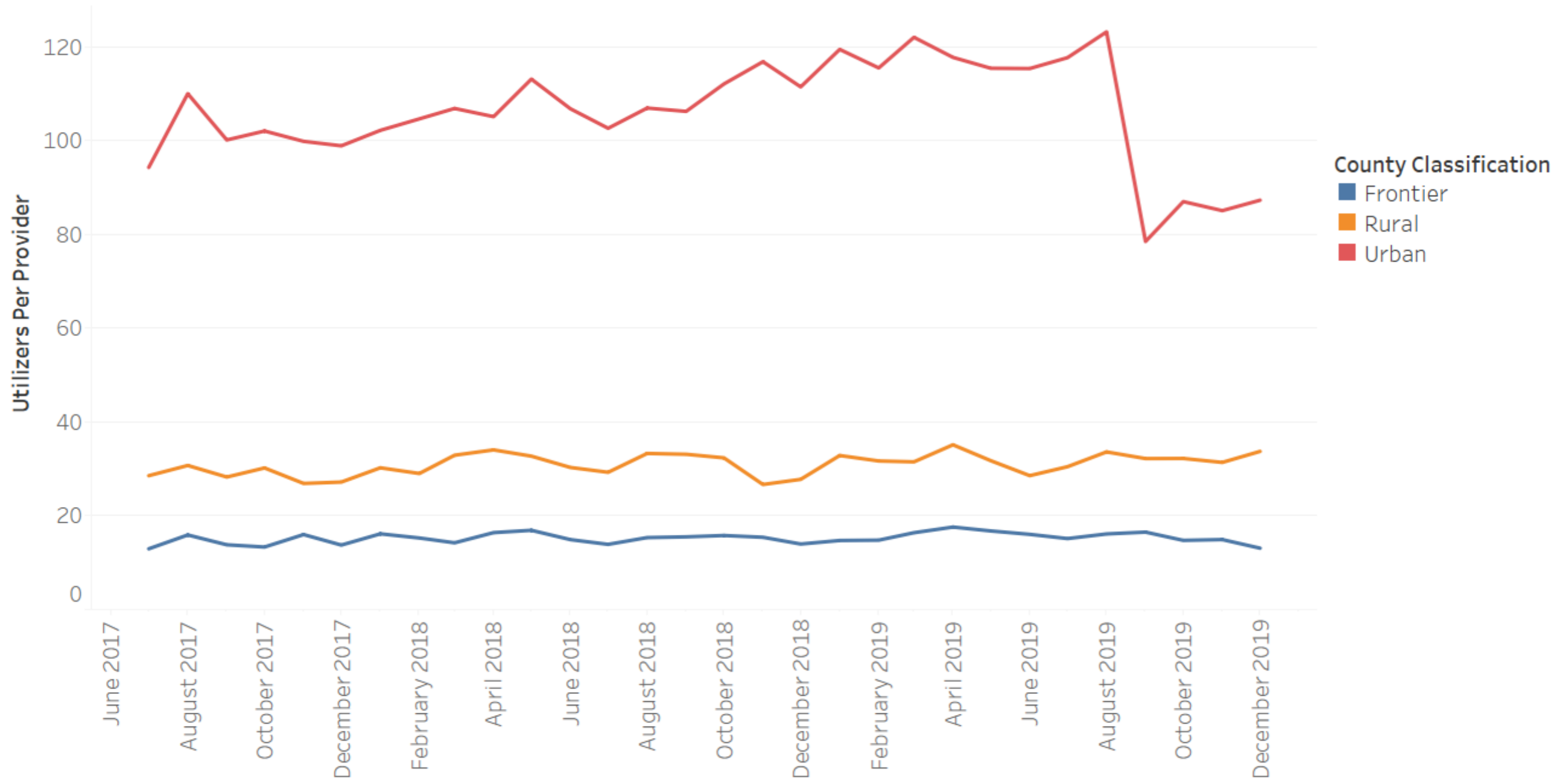
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NEMT - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

NEMT - Utilizers Per Provider (Panel Size)



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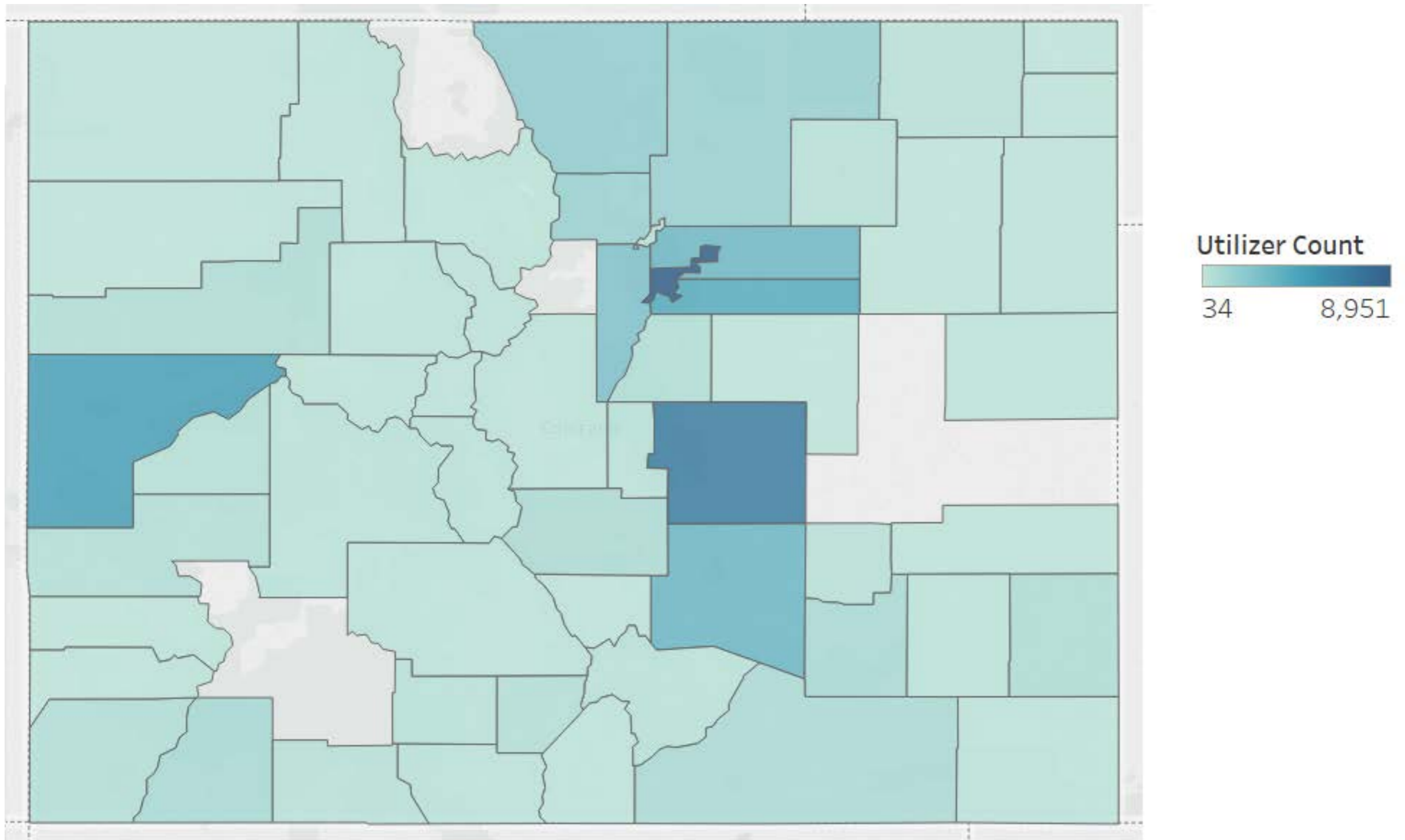
NEMT - Member to Provider Ratio

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Region	CY 2019 NEMT Providers	CY 2019 Total Health First Colorado Members	Providers per 1,000 Members
Frontier	105	48,210	2.18
Rural	127	179,929	0.71
Urban	183	1,357,110	0.13
Statewide	213	1,478,090	0.14

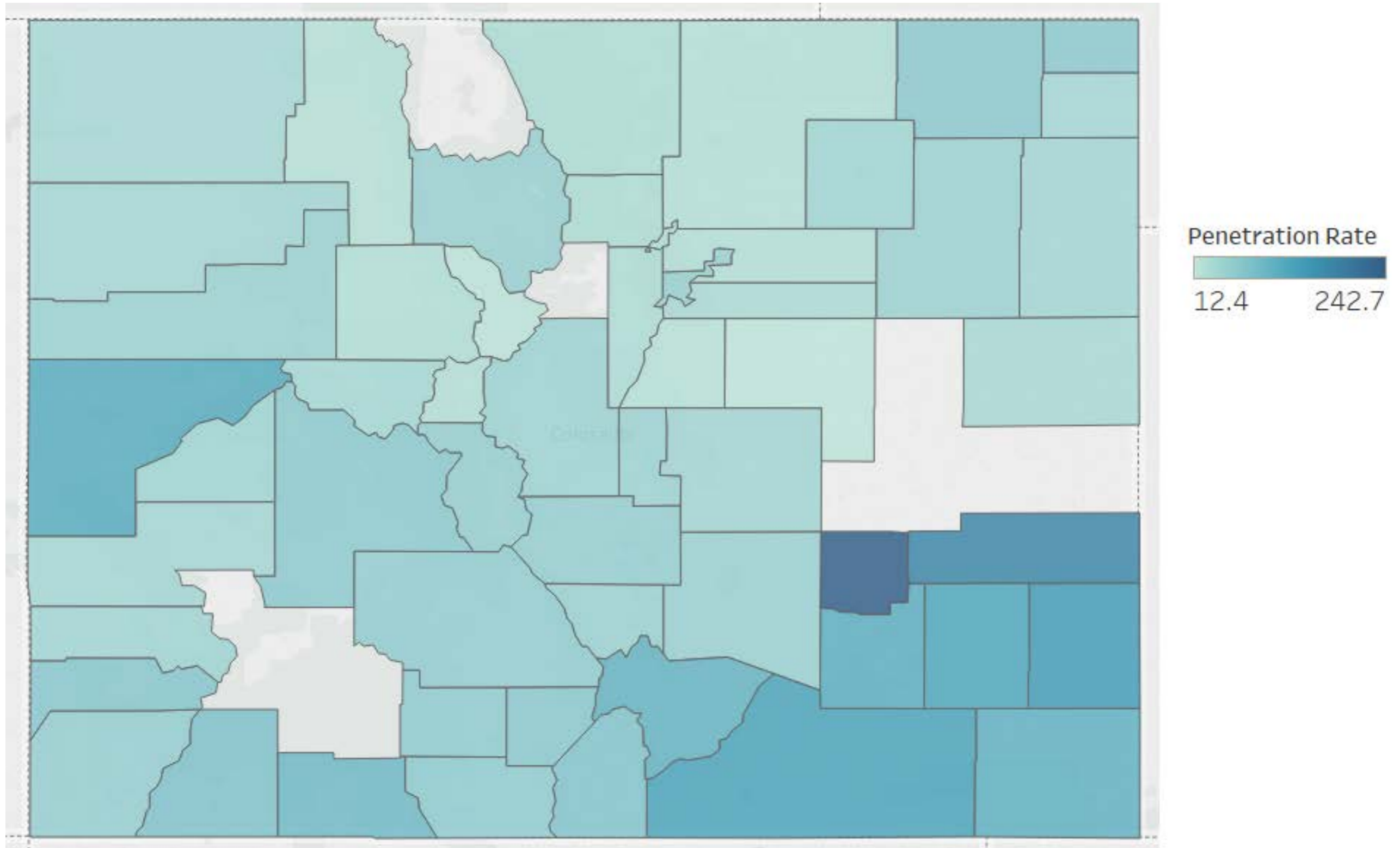
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NEMT - Utilizer Density by Member County CY 2019



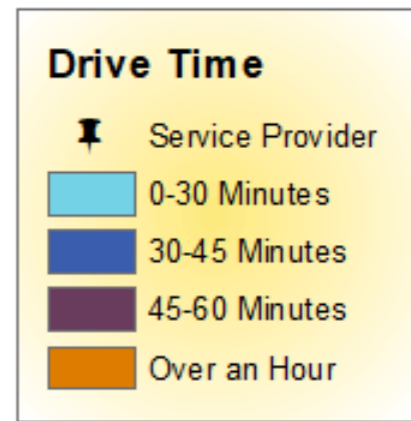
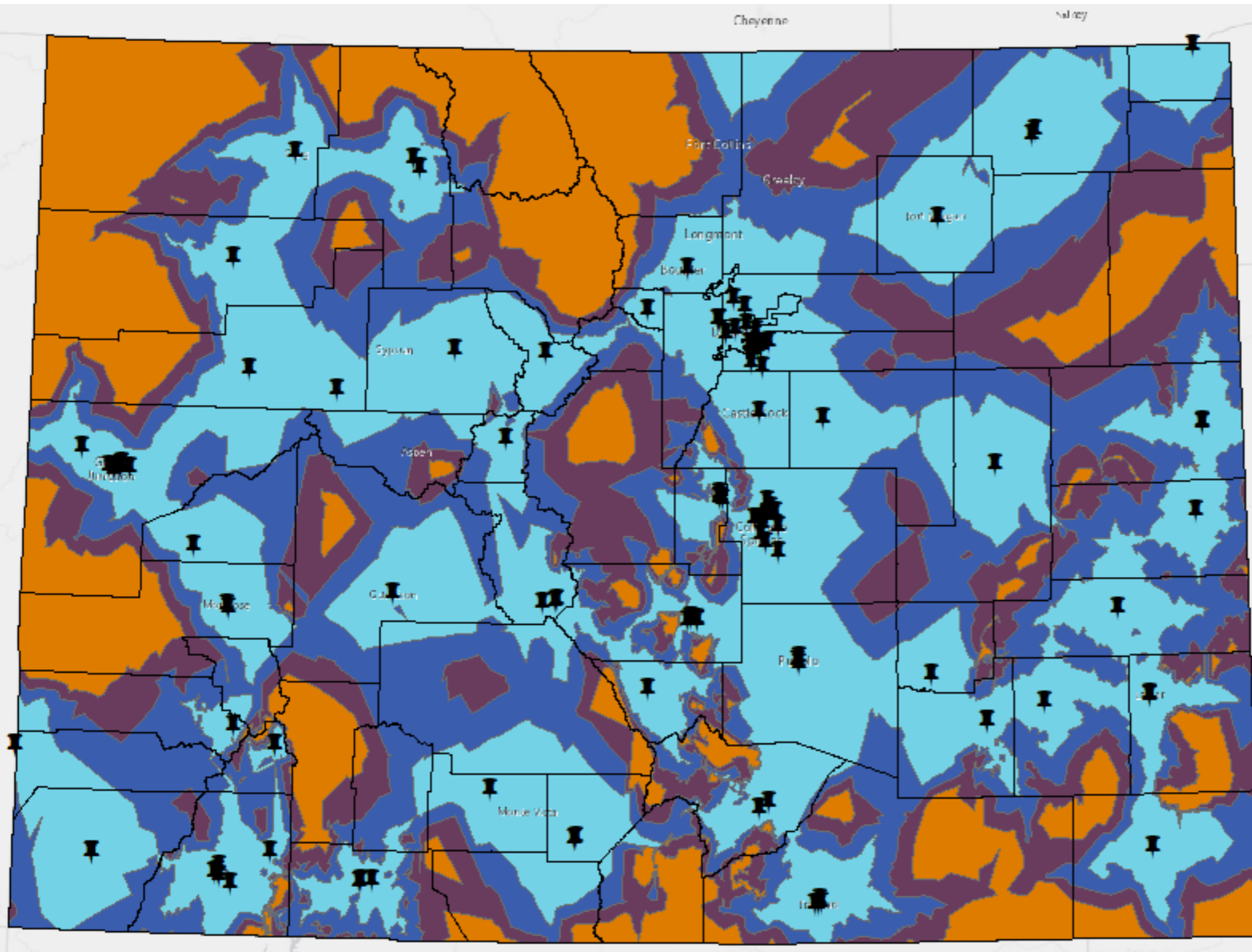
*DRAFT - All Calculations are Preliminary

NEMT - Penetration Rate by County CY 2019



*DRAFT - All Calculations are Preliminary

NEMT - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	87.40%
30-45 Minutes	5.99%
45-60 Minutes	5.96%
Over an Hour	0.65%
Total	100%

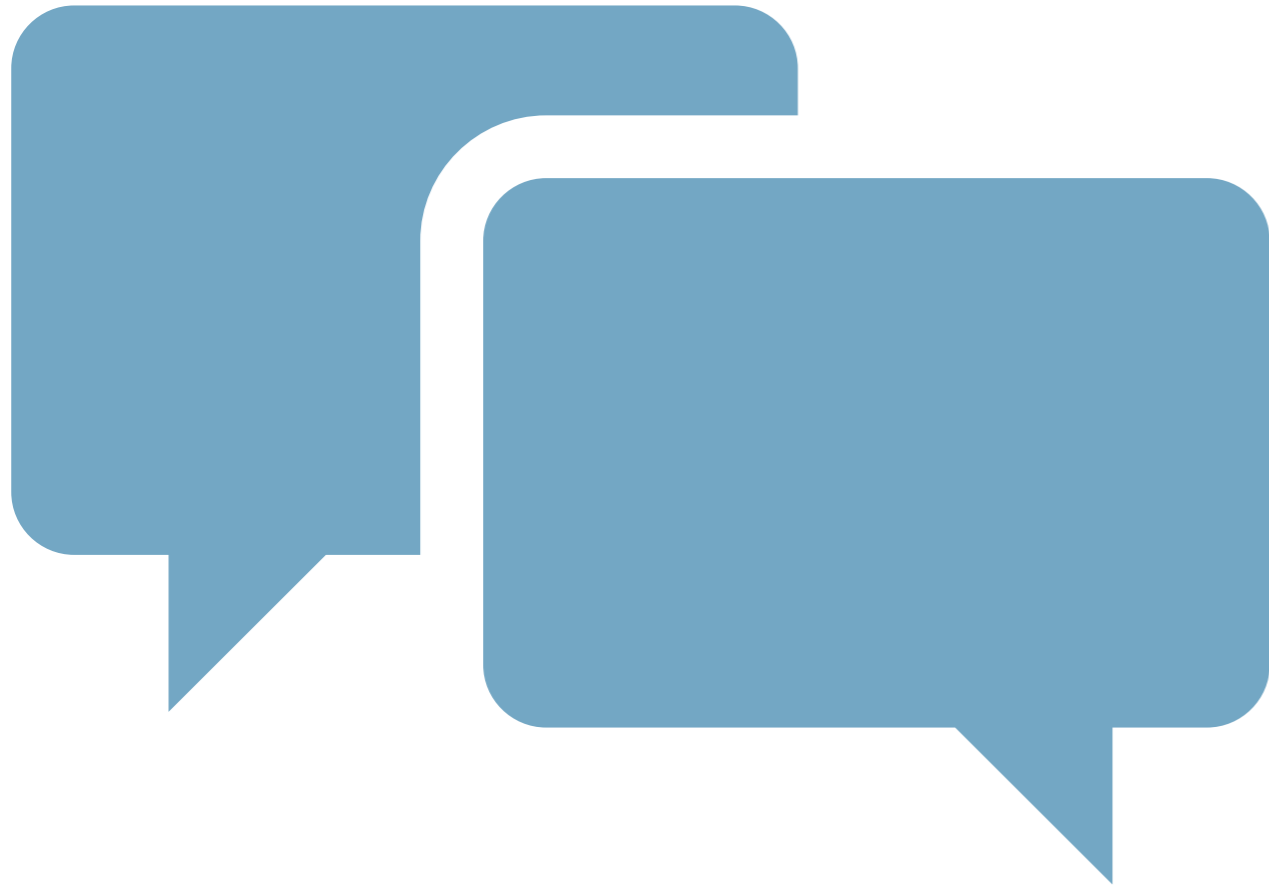
*DRAFT - All Calculations are Preliminary



Questions?



Stakeholder Comments



Committee Discussion

Home and Community Based Services (HCBS) Waivers

HCBS Waivers Overview

HCBS Waivers allow state Medicaid agencies to waive certain Medicaid program requirements. HCBS Waivers allow states to:

- Waive certain income and/or eligibility criteria;
- Provider specific services to target groups; and
- Provide nursing facility level of care to individuals that live in their own home or community.

More information can be found on the [Center for Medicare and Medicaid Service's website](#).

HCBS Waivers Overview

HCBS Waivers must:

- Demonstrate cost effectiveness (i.e., that the costs of providing services in the community are expected to be lower than providing them in an institutional setting);
- Set adequate and reasonable provider standards that meet the needs of the target population;
- Ensure that services follow an individualized and person-centered plan of care; and
- Ensure the protection of people's health and welfare.

HCBS Waivers vs. Waiver Services

HCBS Waivers:

- Refers to specific waiver programs. Each waiver has specific criteria and allows clients to access specific waiver services.

Waiver Services:

- Refers to specific services offered to members who are on a waiver. Waiver services are frequently offered across multiple waivers. Providers are reimbursed by service CPT code.

Consumer Directed Attendant Support Services (CDASS)

- Service that empowers clients to hire, train, and manage attendants of their choice to best fit their unique personal care, homemaker, and health maintenance needs.
- Formula is used to calculate a member's allocation, however the member has flexibility.
- As a result, the Department will conduct a modified rate benchmark comparison.

CDASS Reimbursement Methodology

- After approval of the member's PAR, a set dollar amount is allocated to the member, based on their need.
- The member then contacts an attendant and schedules services; the member may choose to modify the amount of homemaker and personal care they receive.
- The Department only has access to the overall total payment to all attendants, but not to utilized units by service.

CDASS Rate Comparison Methodology

- Example: Member's PAR is approved for 10 units of homemaker services and 20 units of personal care services.
 - Member's need changes to 25 units of personal care services. Can do so by reducing homemaker services to 5 units.

Service	Authorized Units	Utilized Units	Unit Rate	Payment to Attendant
Homemaker	10	5	\$3.86/15 min	5 x \$3.86 = \$19.30
Personal Care	20	25	\$3.86/15 min	25 x \$3.86 = \$96.50
TOTAL	30	30		\$115.80 (Total Allocation to Member)

CDASS Rate Comparison Methodology

- Researched Other States' Medicaid rates for services similar to services available through the CDASS delivery model.
- Results will be summarized in report.
- Service names and services offered vary from state to state.
 - Some states offer more or fewer services.
 - States used in Cycle 1 (2017): AL, CT, DC, GA, IA, IL, KS, MD, ME, MN, MO, NV, OK, PA, TX, UT, VA

Adult Waivers

BI, DD, SLS, CMHS, EBD, SCI

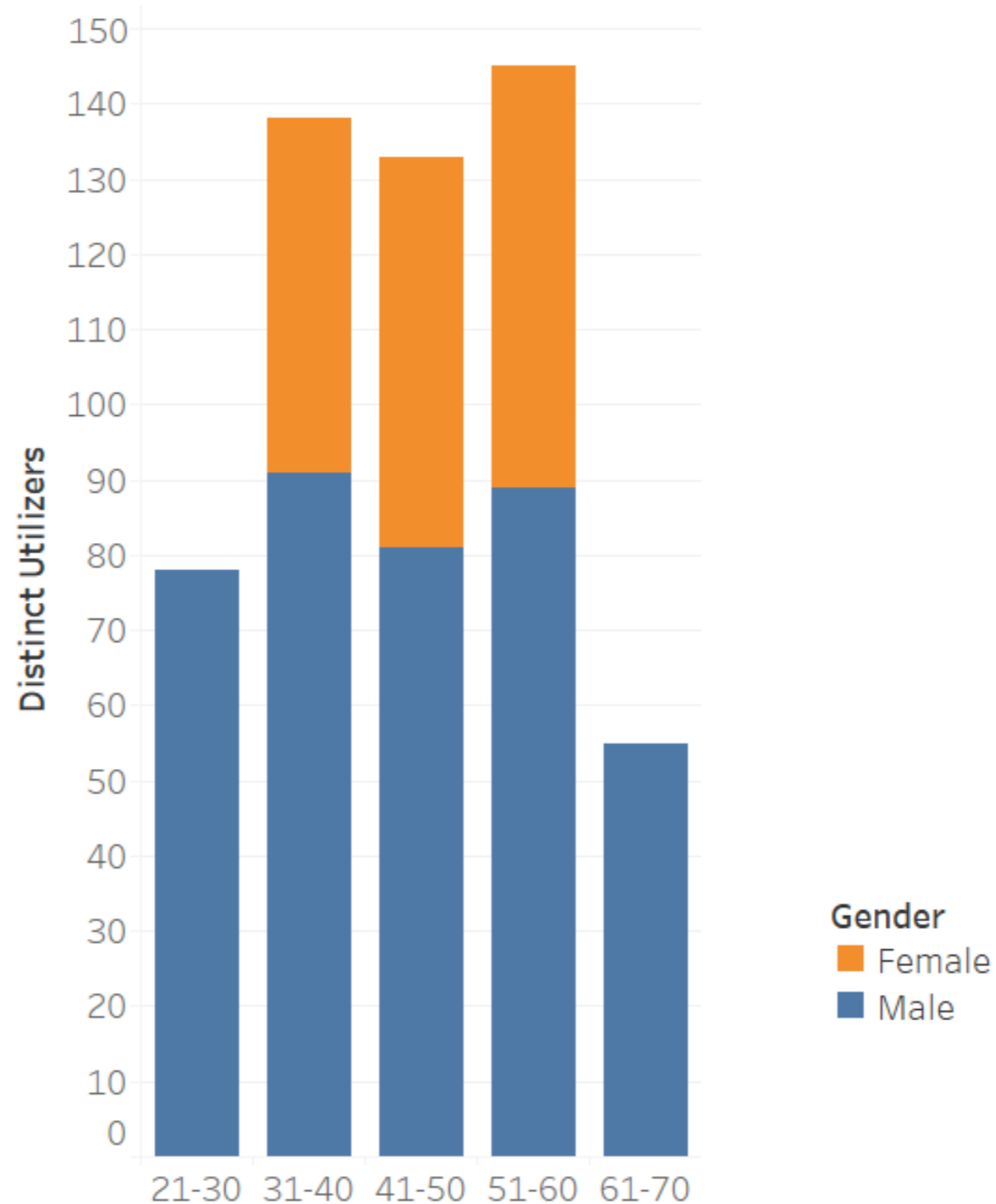
Waiver for persons with Brain Injury (BI)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
593	177	\$25,887,632

Purpose: Provide a home or community-based alternative to hospital or specialized nursing facility care for persons with a brain injury.

*DRAFT - All Calculations are Preliminary

BI - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

BI - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	T2013	HABIL ED WAIVER PER HOUR	45,869	\$1,598,915
2	T1019	PERSONAL CARE SERVICE PER 15 MIN	267,140	\$1,227,492
3	S5102	ADULT DAY CARE PER DIEM	5,250	\$269,950
4	T2016	HABIL RES WAIVER PER DIEM	145	\$63,989
5	A0120	NONER TRANSPORT MINI-BUS	4,393	\$61,415
6	H0025	ALCOHOL AND/OR DRUG PREVENTION	2,810	\$41,506
7	A0130	NONER TRANSPORT WHEELCHAIR VAN	1,887	\$40,351
8	H0045	RESPITE NOT-IN-HOME PER DIEM	99	\$12,197
9	S5150	UNSKILLED RESPITE CARE 15 MIN	1,418	\$7,035

***DRAFT - All Calculations are Preliminary**

BI - Comparison Methodology

- Average of 6 Other States' Medicaid Fee Schedules
 - States used in 2021 Comparison: CT, IL, MT, OH, OK, UT
 - Large variation in covered benefits across states
 - Previous states: CT, OH, OK, UT, MT
 - Supplemental for validity: IL
 - All services matched on a procedure code-modifier basis to the fee schedules' respective levels of detail

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$25,887,632	\$3,322,850	12.8%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$3,322,850	\$3,393,579	97.9%

*DRAFT - All Calculations are Preliminary

BI - Rate Comparison Results

BI Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Adult Day Services	\$410,834	\$418,158	98.25%
Life Skills Training	\$2,210,875	\$1,698,299	130.18%
Non-Medical Transportation (NMT)	\$101,676	\$81,135	125.32%
Personal Care	\$1,333,589	\$1,262,414	105.64%
Respite	\$25,821	\$24,197	106.71%
Therapy, Behavioral	\$41,708	\$45,764	91.14%
Transitional Living Program	\$64,303	\$20,308	316.65%
Benchmark Total	\$4,188,806	\$3,550,275	118.0%

*DRAFT - All Calculations are Preliminary

BI Rate Comparison Results

Benchmark Comparison States	CO as Percent of Benchmark
CT	124.6%
IL	164.4%
MT	98.1%
OH	115.1%
OK	119.9%
UT	116.0%
Other States' Average	118.0%

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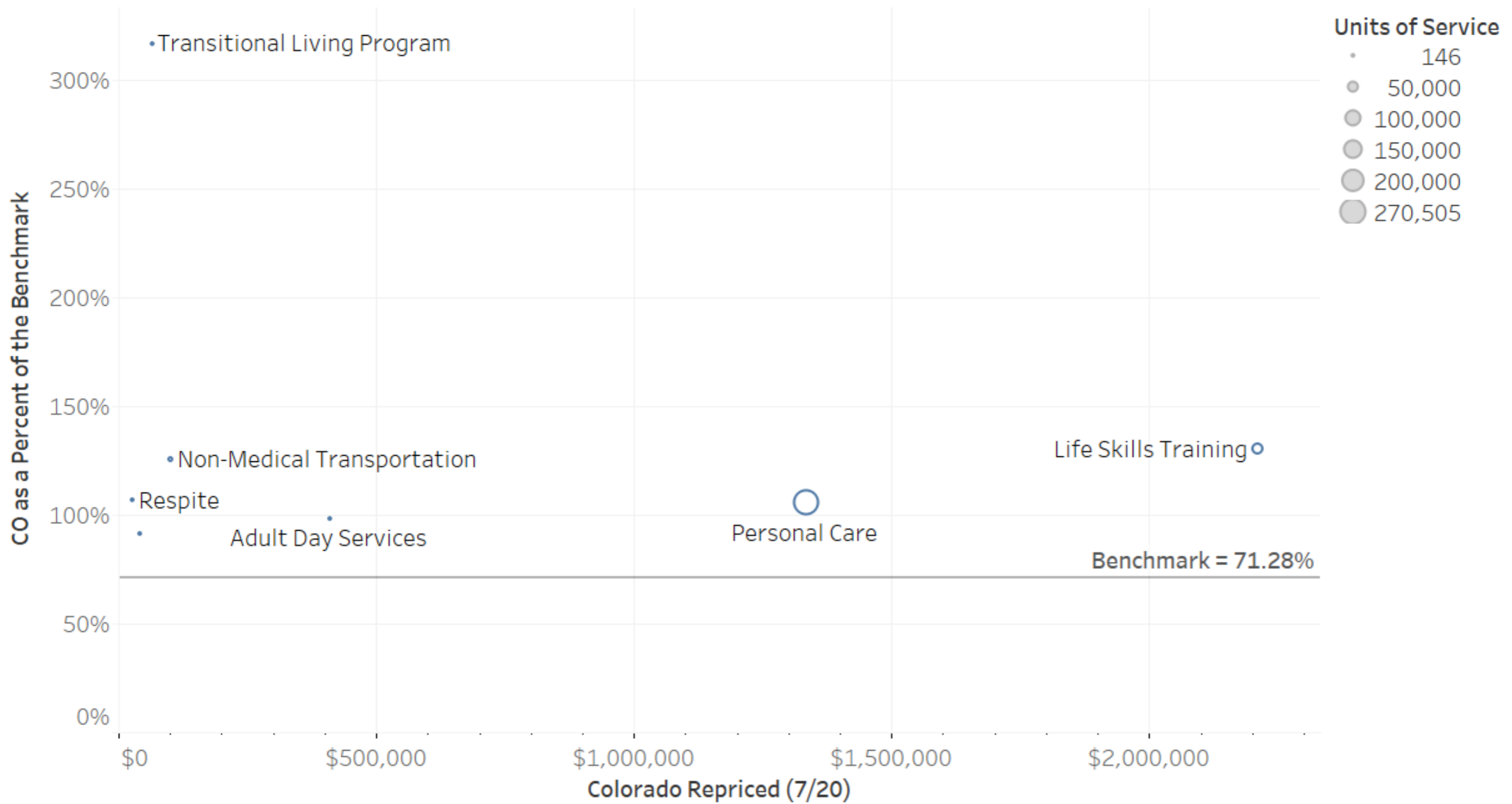
BI - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$(638,531)**.

BI Comparison Results	
Colorado as a Percentage of Benchmark	118.0%
Colorado Repriced Amount	\$4,188,806
Benchmark Repriced Amount	\$3,550,275
Est. CY 2019 Total Fund Impact	\$(638,531)

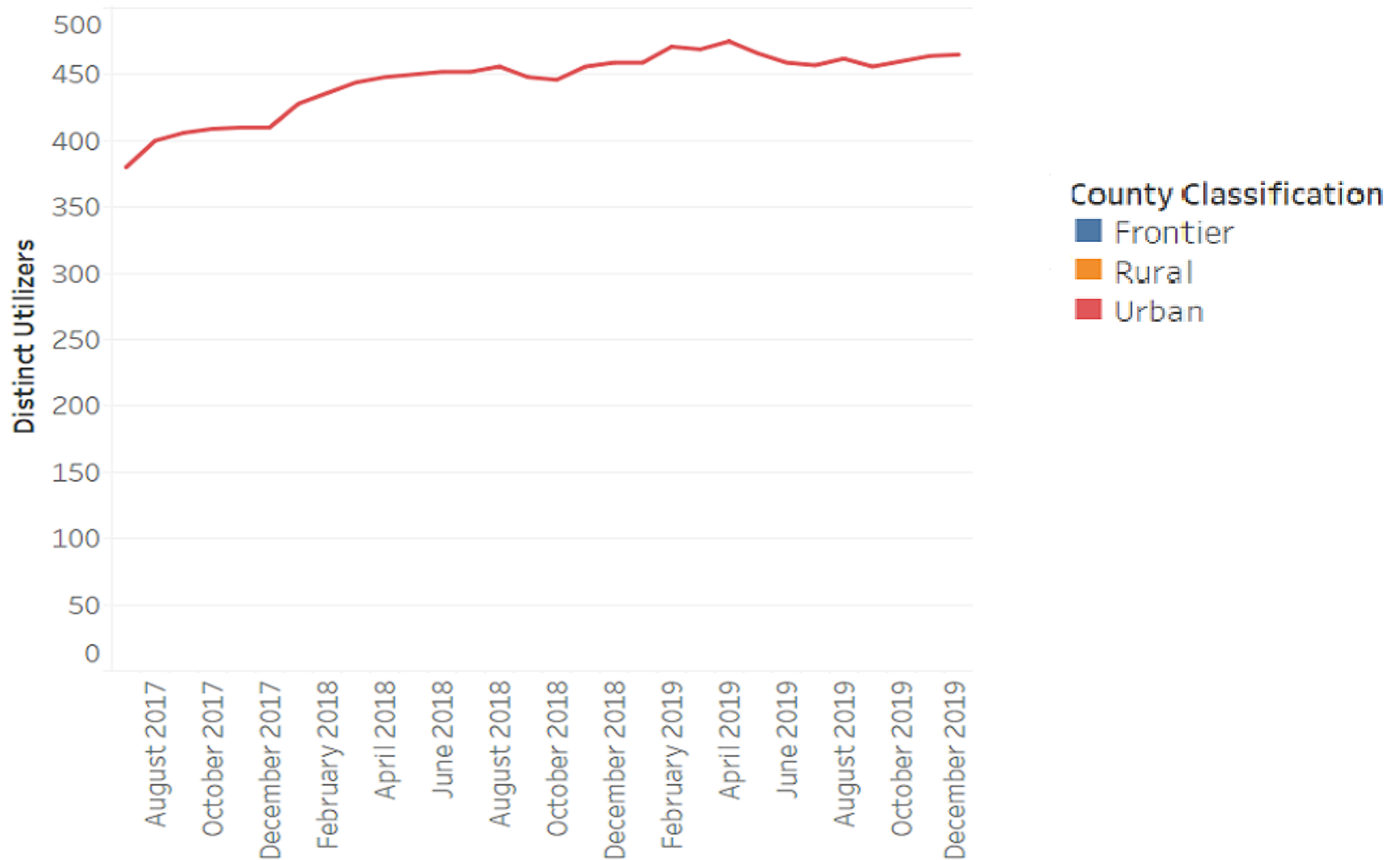
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BI - Scatterplot CY 2019



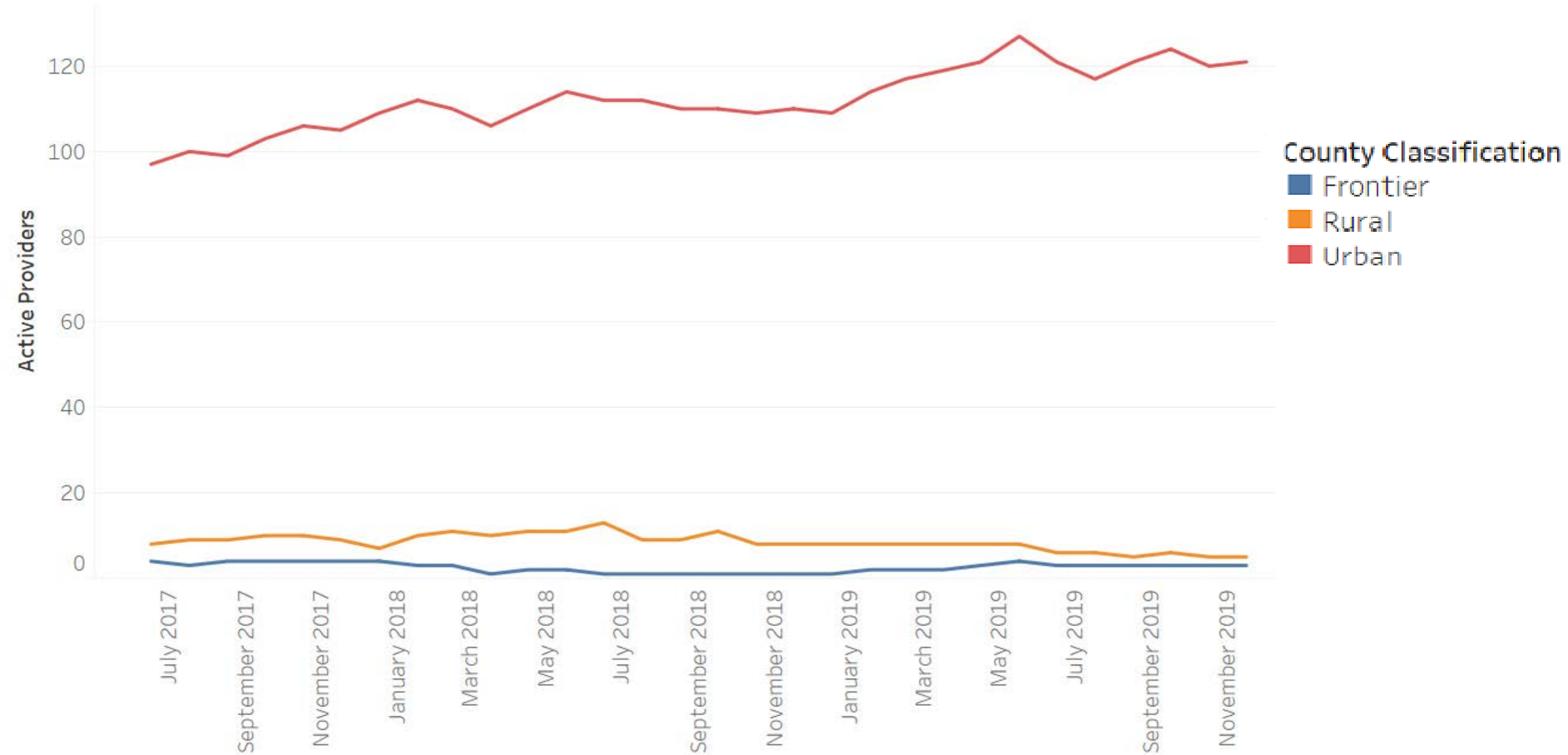
*DRAFT - All Calculations are Preliminary

BI - Distinct Utilizers Over Time



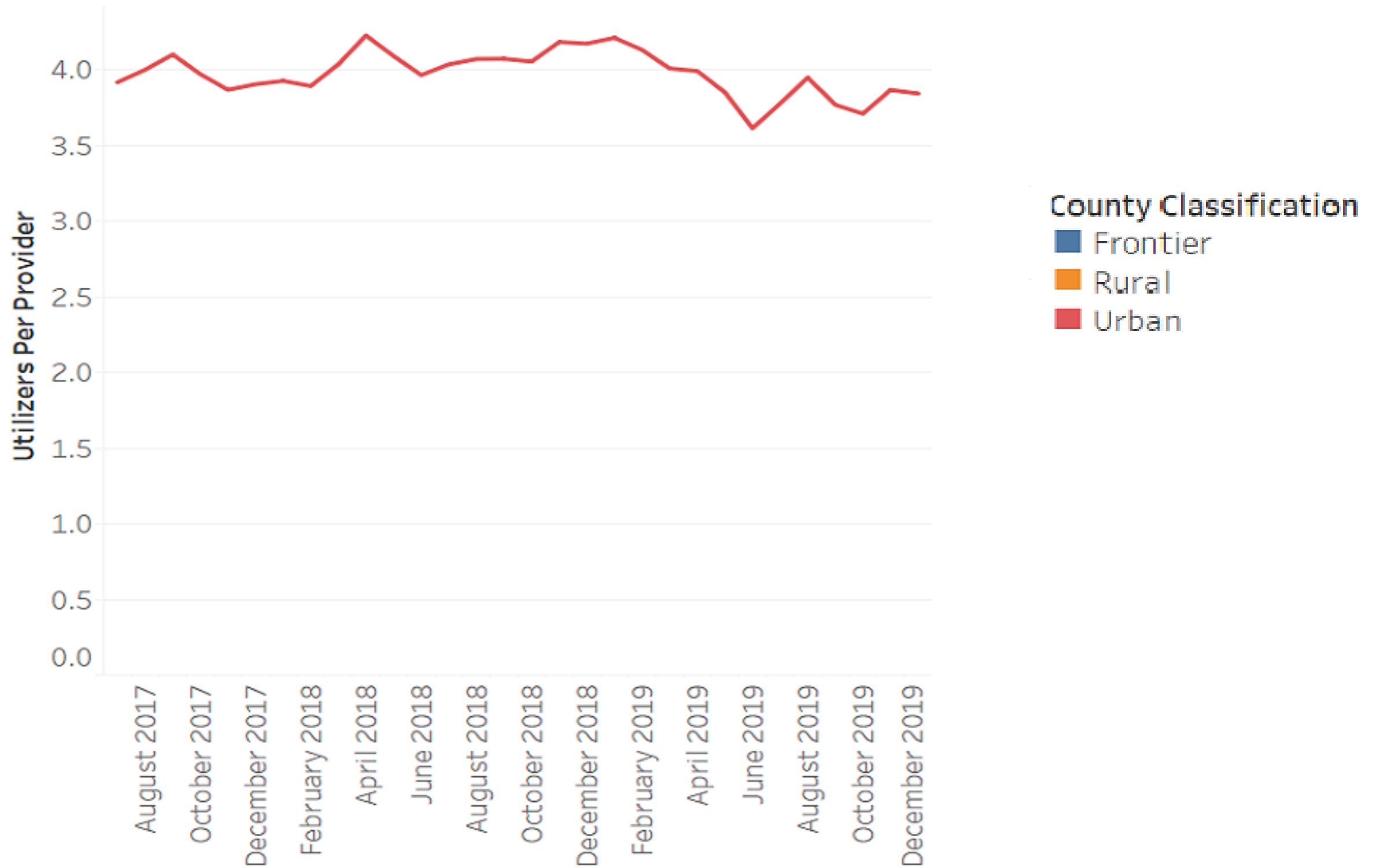
*DRAFT - All Calculations are Preliminary

BI - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

BI - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

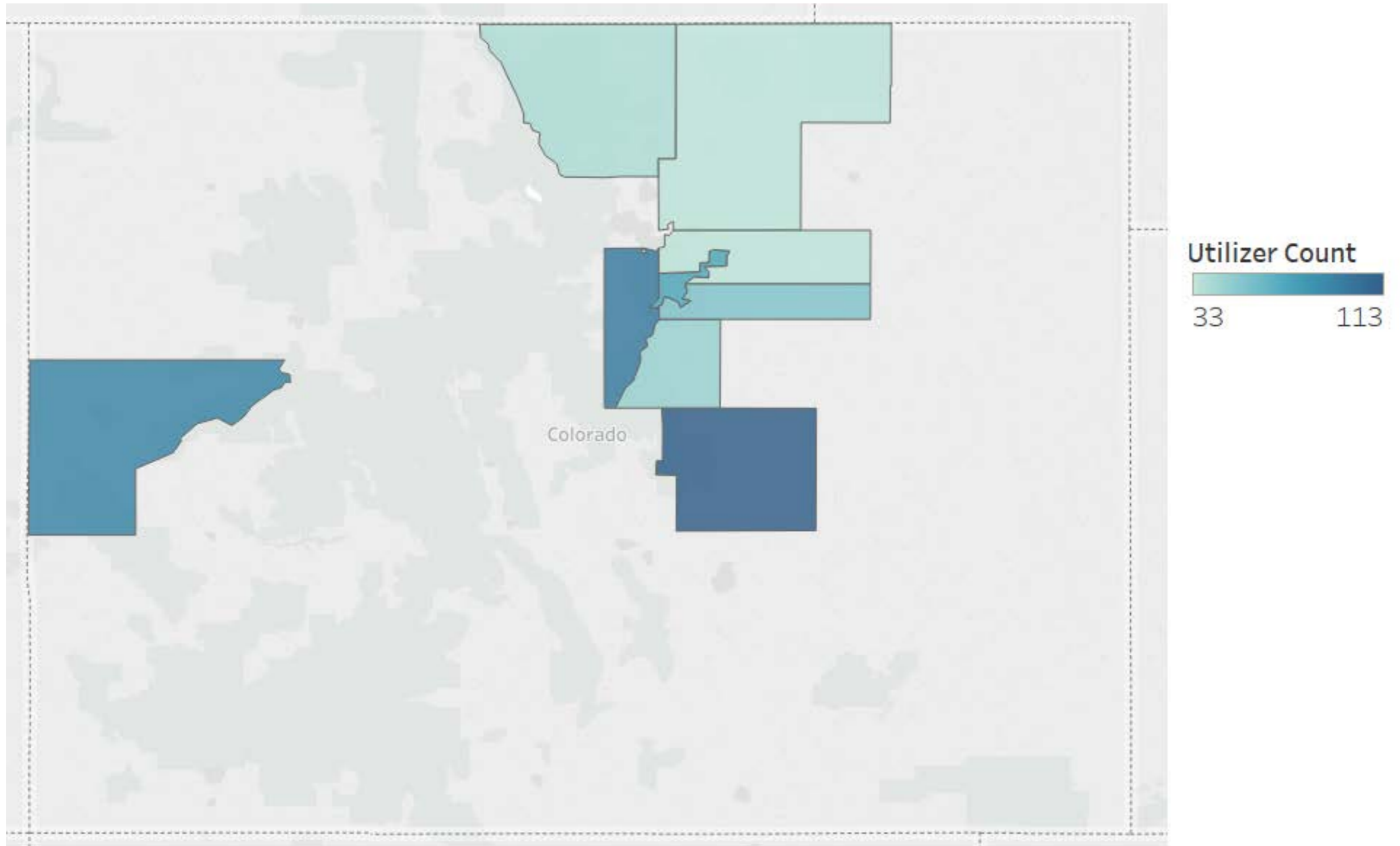
BI - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 BI Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	4	28,627	0.14
Rural	11	103,384	0.11
Urban	171	757,474	0.23
Statewide	177	889,962	0.20

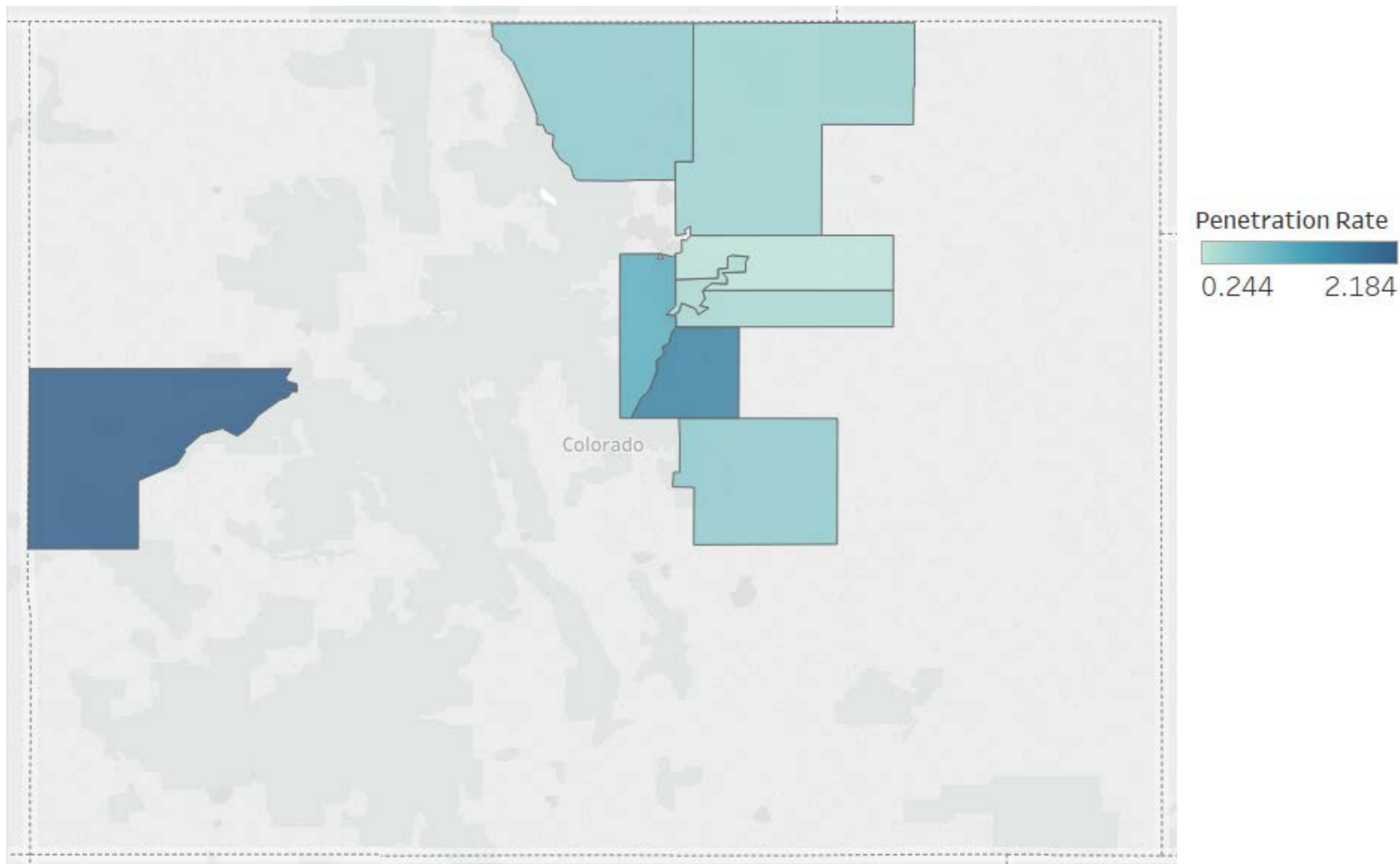
*DRAFT - All Calculations are Preliminary

BI - Utilizer Density by Member County CY 2019



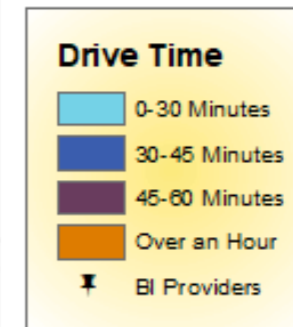
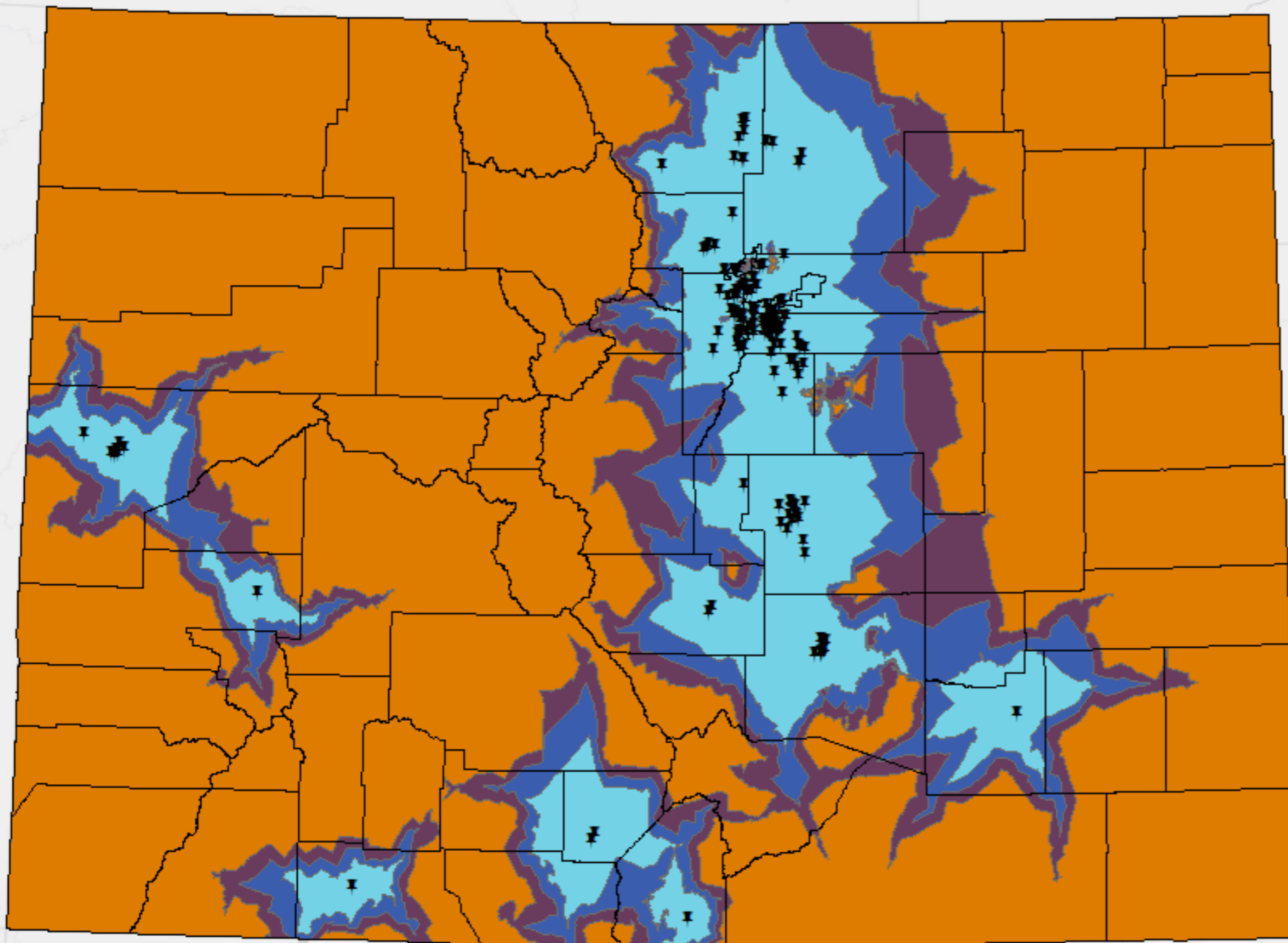
*DRAFT - All Calculations are Preliminary

BI - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

BI - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	87.63%
30-45 Minutes	2.58%
45-60 Minutes	2.56%
Over an Hour	7.23%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

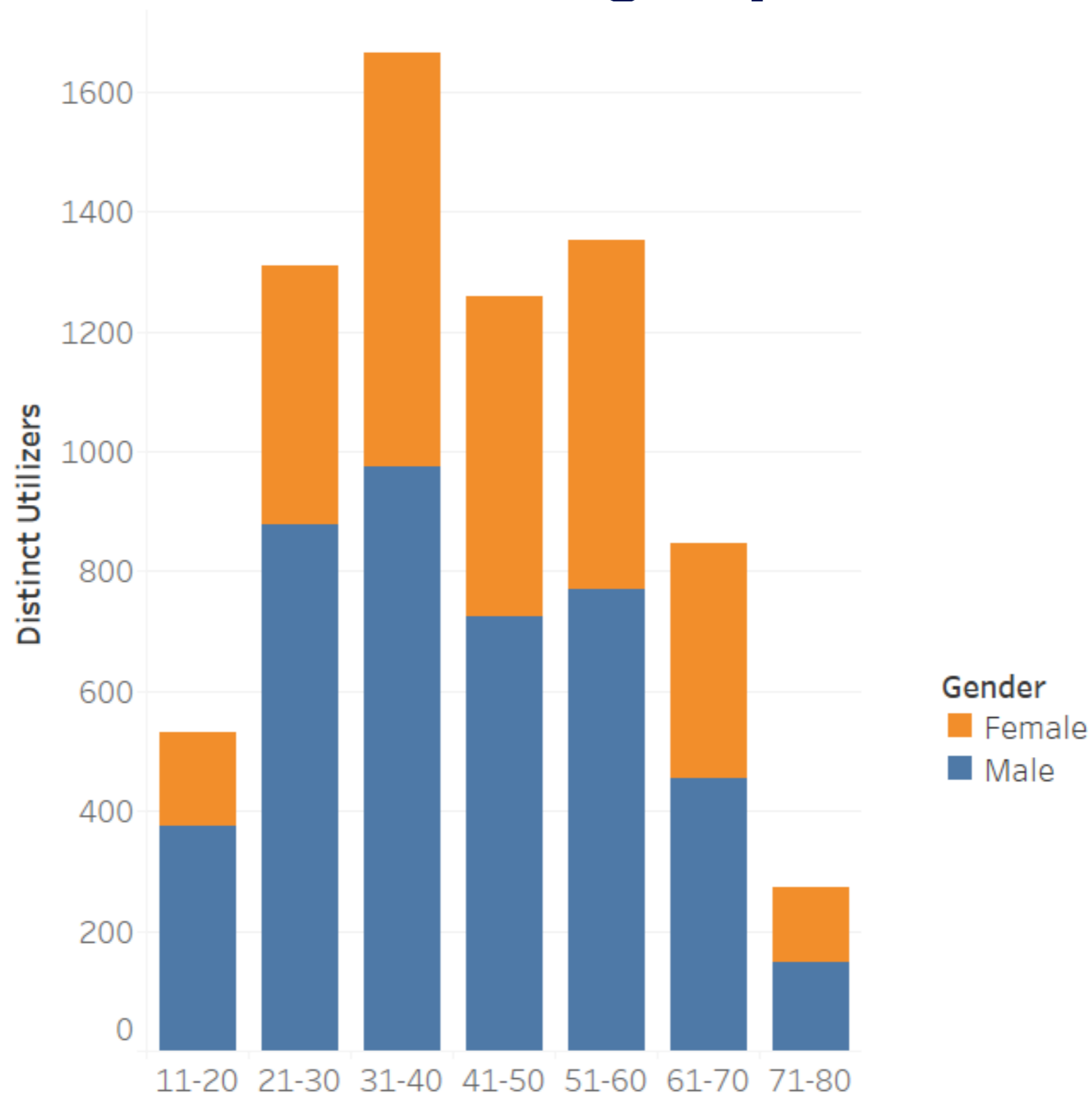
Waiver for Persons with Developmental Disabilities (DD)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
6,679	547	\$484,320,416

Purpose: Provide services and supports which allow to persons with developmental disabilities to continue to live in the community.

*DRAFT - All Calculations are Preliminary

DD Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

DD Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	T2016	HABIL RES WAIVER PER DIEM	2,126,421	\$322,769,405
2	T2021	DAY HABIL WAIVER PER 15 MIN	16,180,847	\$75,127,915
3	T2019	HABIL SUPPORTED EMPLOYMENT WAIVER 15 MIN	3,000,428	\$24,085,294
4	T2003	NMT; ENCOUNTER/TRIP	1,485,448	\$15,010,283
5	H2019	THERAPY BEHAVIORAL SVC, PER 15 MIN	372,166	\$7,748,969
6	H2023	SUPPORTED EMPLOYMENT PER 15 MIN	19,285	\$246,462
7	S5170	HOMEDELIVERED PREPARED MEALS	56	\$605
8	H2015	COMP COMM SUPP SVC 15 MIN	48	\$257
9	T2038	COMMUNITY TRANSITION WAIVER/SERVICE	PHI	PHI

*DRAFT - All Calculations are Preliminary

DD - Comparison Methodology

- Other States' Medicaid Fee Schedules

- Large variation in covered benefits across states
- States used in 2021 analysis: CT, IL, MT, OH, OK, UT
- Previously compared: CT, MT, OH, OK, UT
- Supplemental for validity: IL

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$484,320,416	\$447,590,586	92.4%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$447,590,586	\$451,960,530	99.0%

*DRAFT - All Calculations are Preliminary

DD - Rate Comparison Results

DD Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Community Transitions	PHI	PHI	136.06%
Day Habilitation	\$76,269,560	\$89,779,525	84.95%
Home Delivered Meals	\$666	\$345	193.13%
Non-Medical Transportation (NMT)	\$15,298,528	\$18,892,378	80.98%
Prevocational Services	\$1,657,692	\$1,918,761	86.39%
Residential Habilitation	\$332,486,308	\$300,410,489	110.68%
Supported Employment	\$24,884,029	\$25,346,432	98.18%
Therapy ,Behavioral	\$8,861,156	\$6,234,384	142.13%
Benchmark Total	\$459,457,947	\$442,582,321	103.8%

***DRAFT - All Calculations are Preliminary**

DD Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	96.3%
IL	151.4%
MT	108.0%
OH	113.0%
OK	112.8%
UT	72.9%
Other States' Average	103.8%

*DRAFT - All Calculations are Preliminary

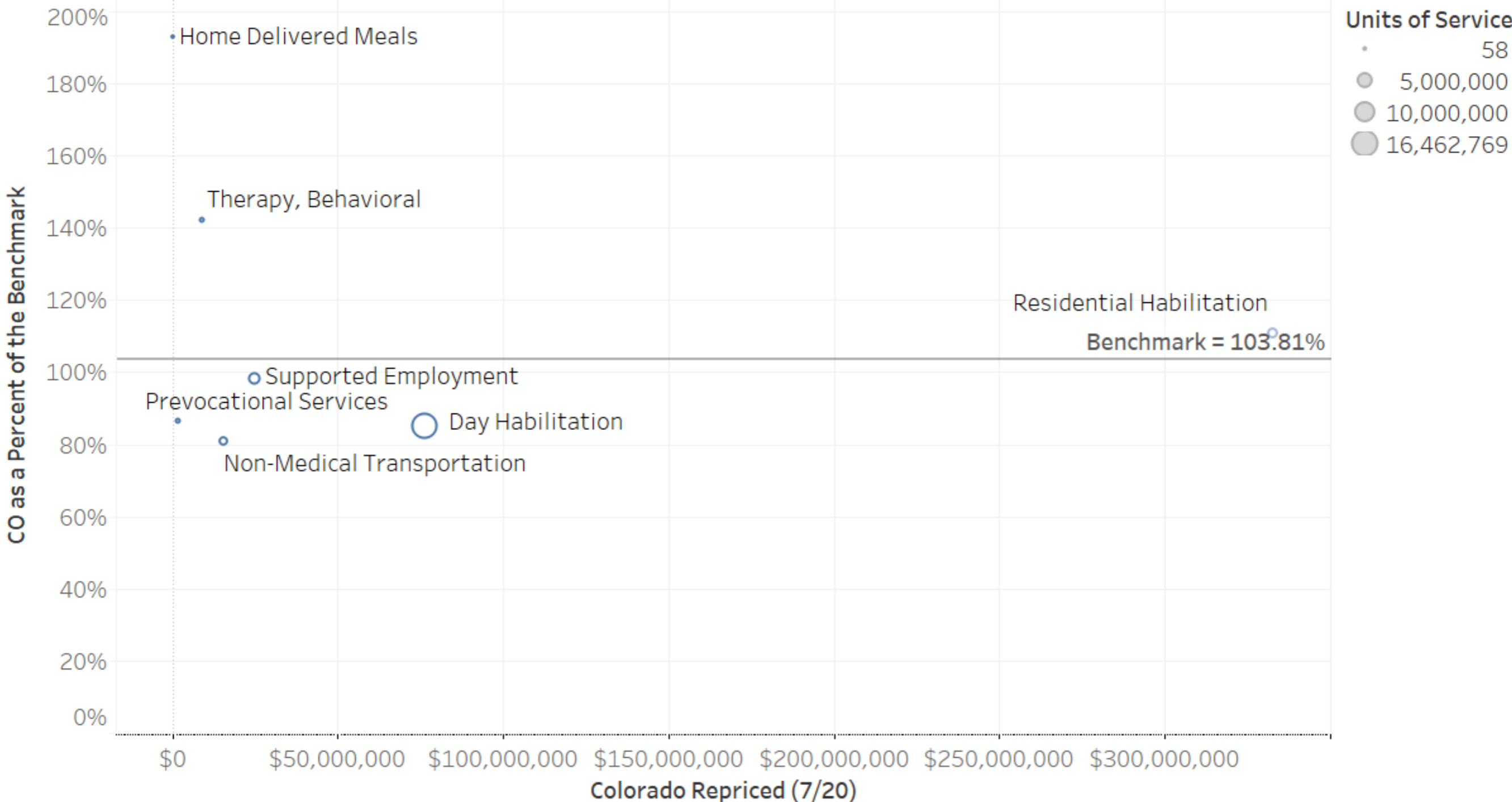
DD - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$(16,875,626)**.

DD Comparison Results	
Colorado as a Percentage of Benchmark	103.8%
Colorado Repriced Amount	\$459,457,947
Benchmark Repriced Amount	\$442,582,321
Est. CY 2019 Total Fund Impact	\$(16,875,626)

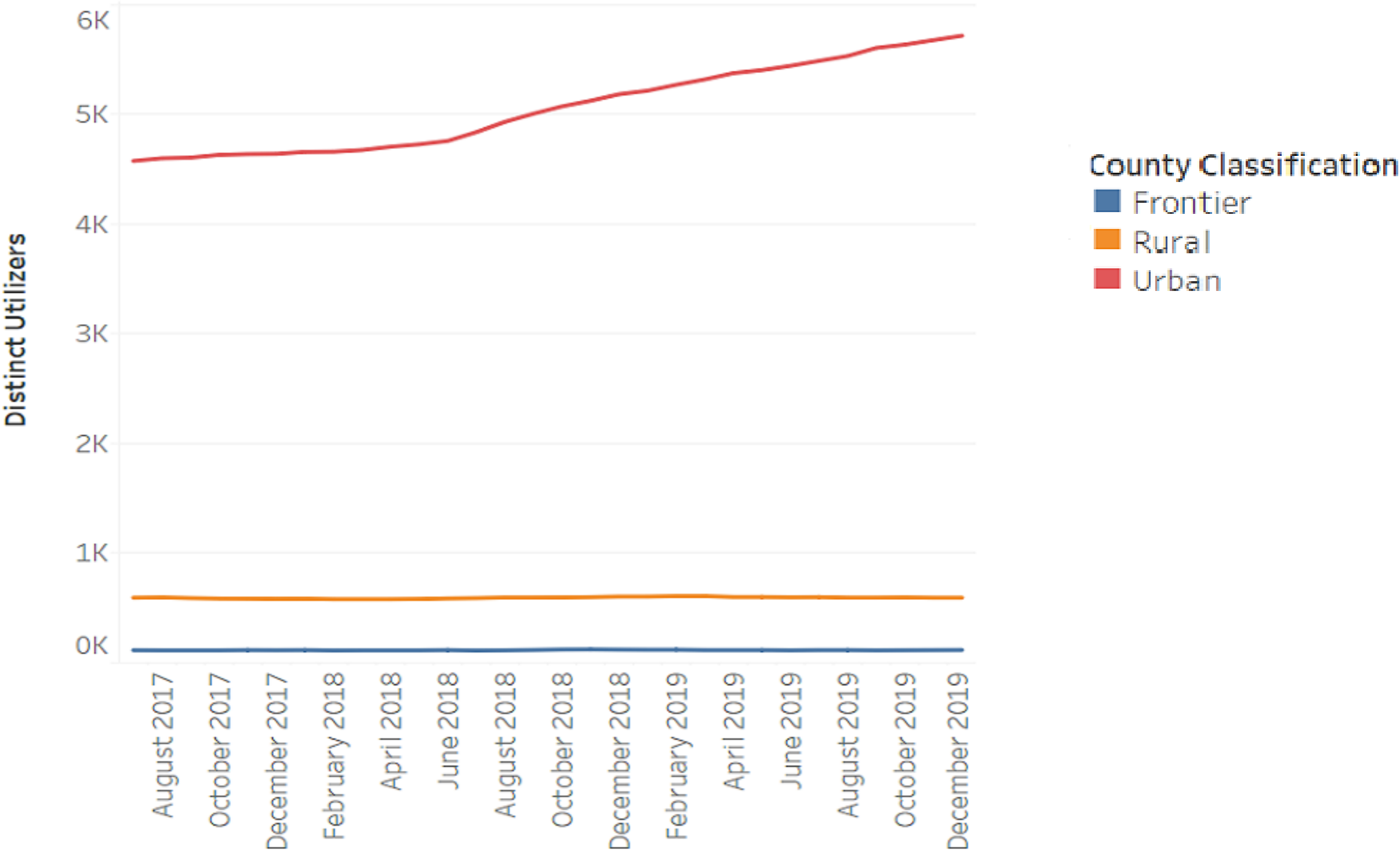
*DRAFT - All Calculations are Preliminary

DD - Scatterplot CY 2019



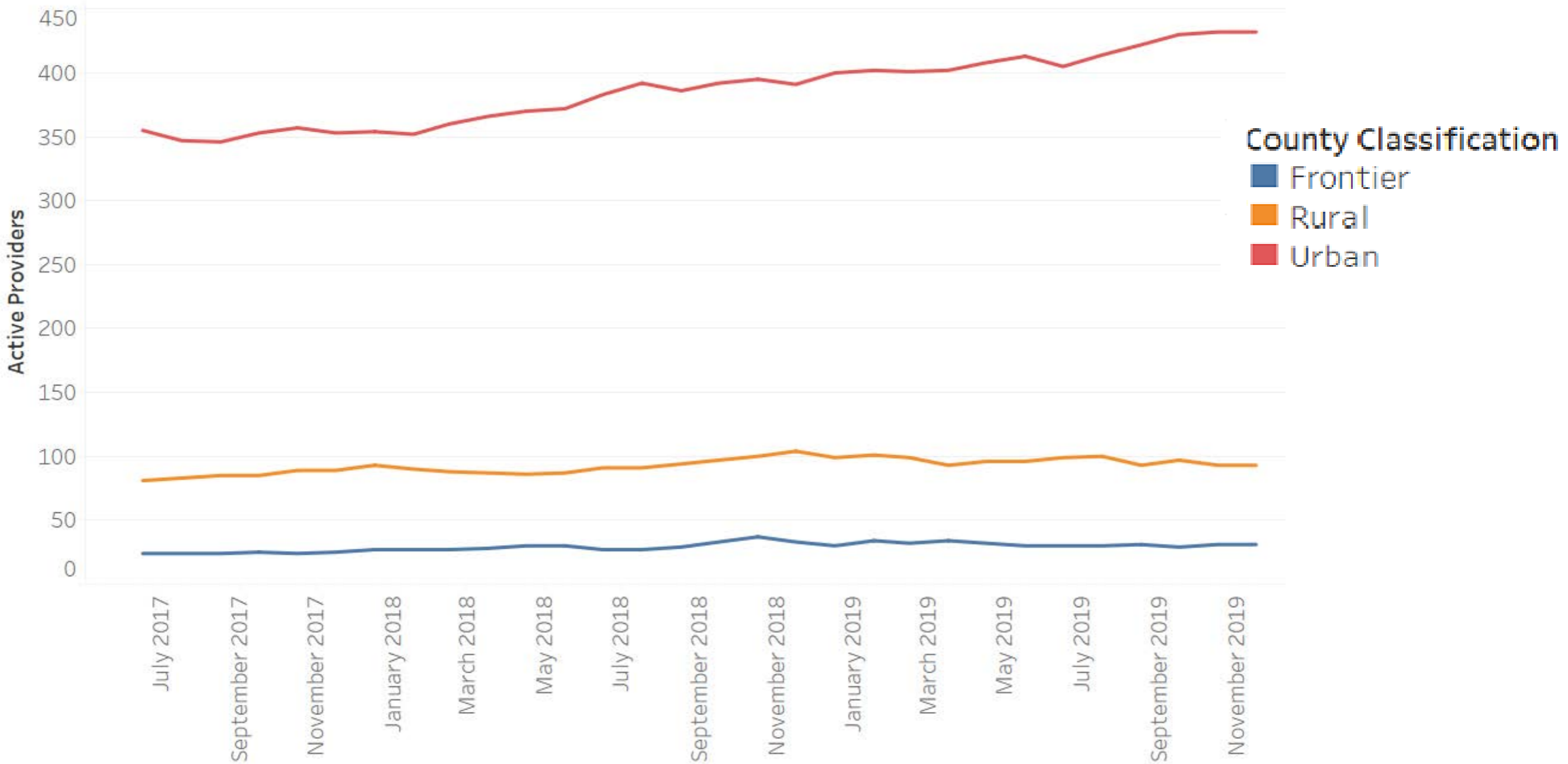
*DRAFT - All Calculations are Preliminary

DD - Distinct Utilizers Over Time



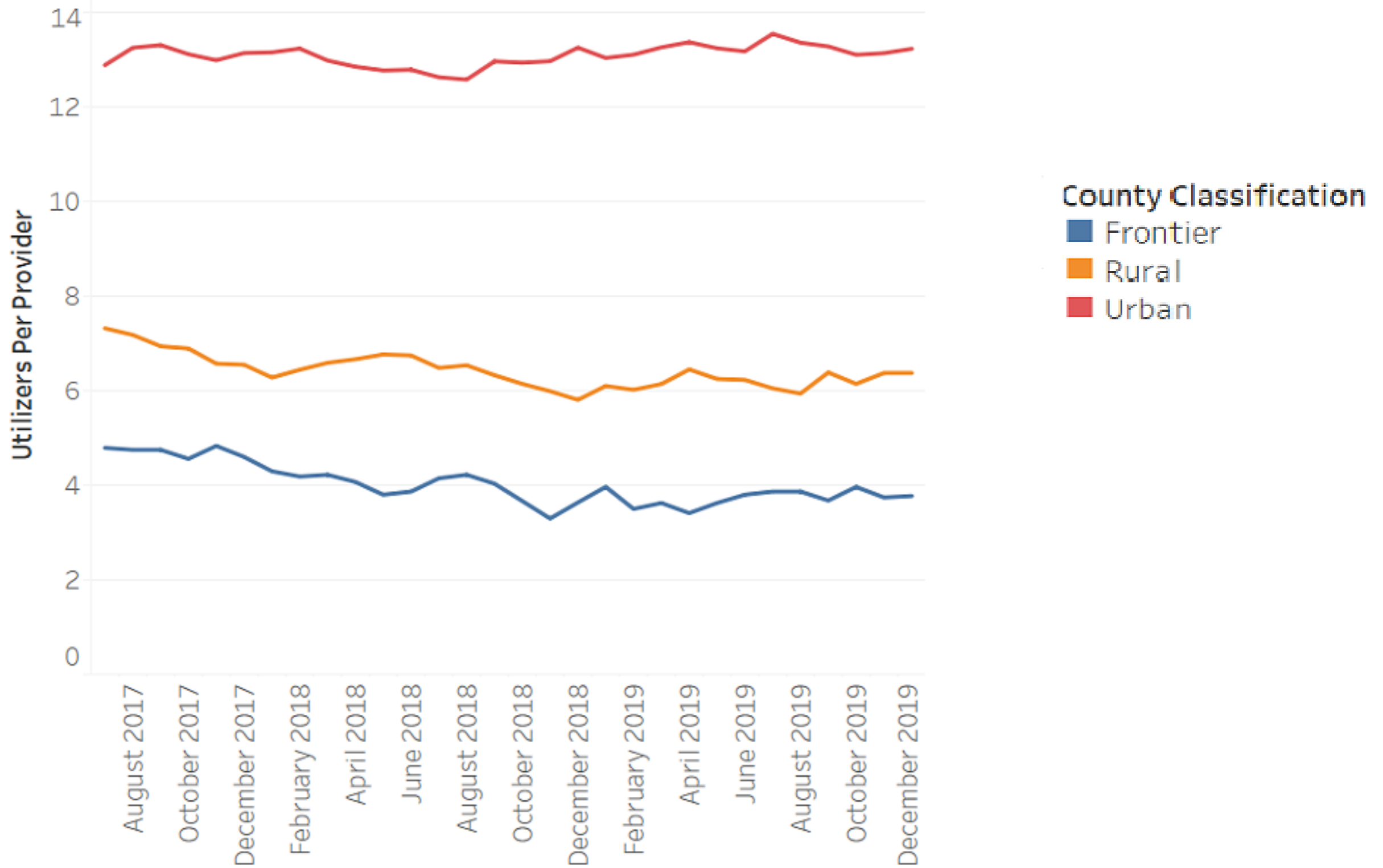
*DRAFT - All Calculations are Preliminary

DD - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

DD - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

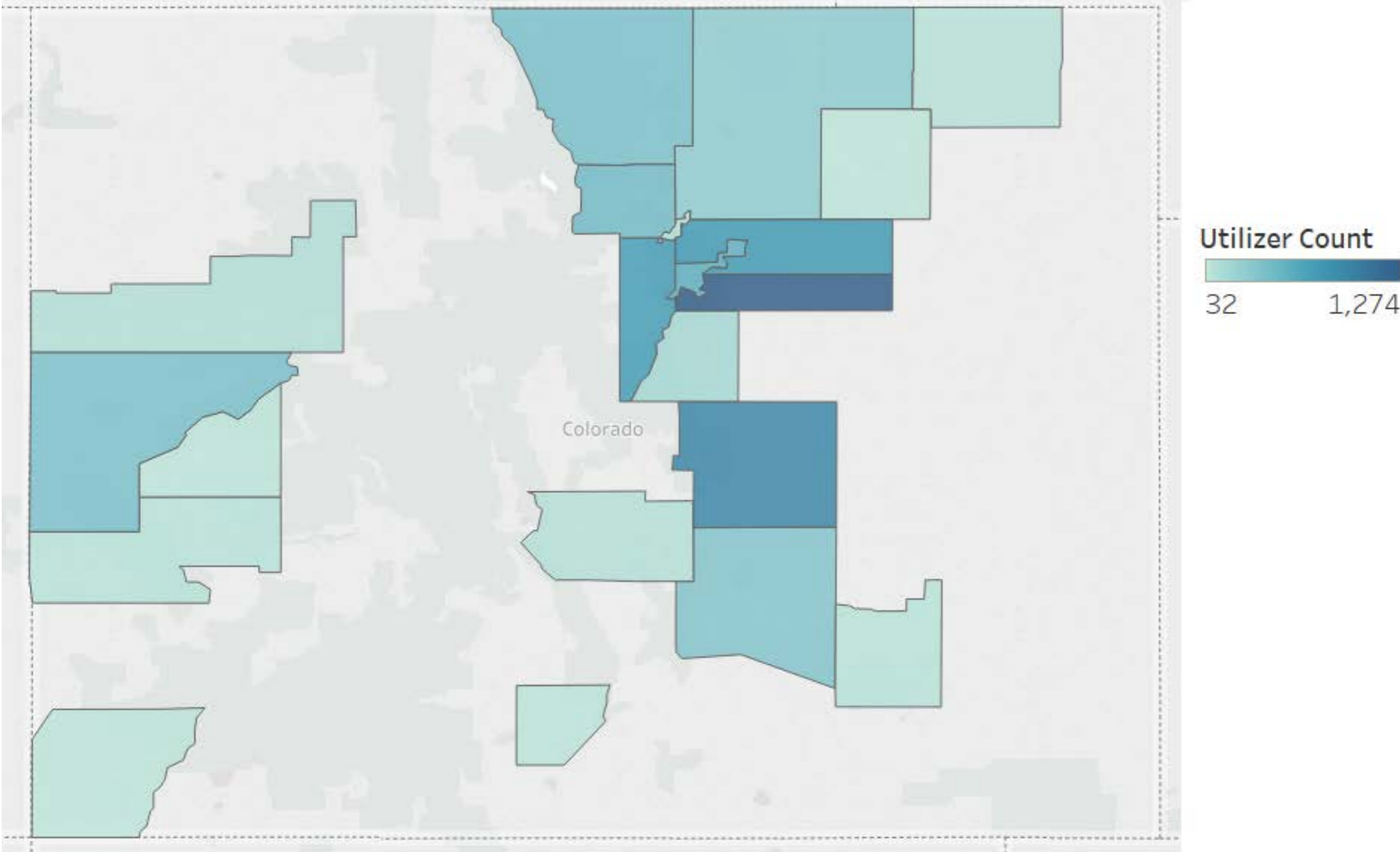
DD - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 DD Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	45	28,627	1.57
Rural	121	103,384	1.17
Urban	477	757,474	0.63
Statewide	547	889,962	0.61

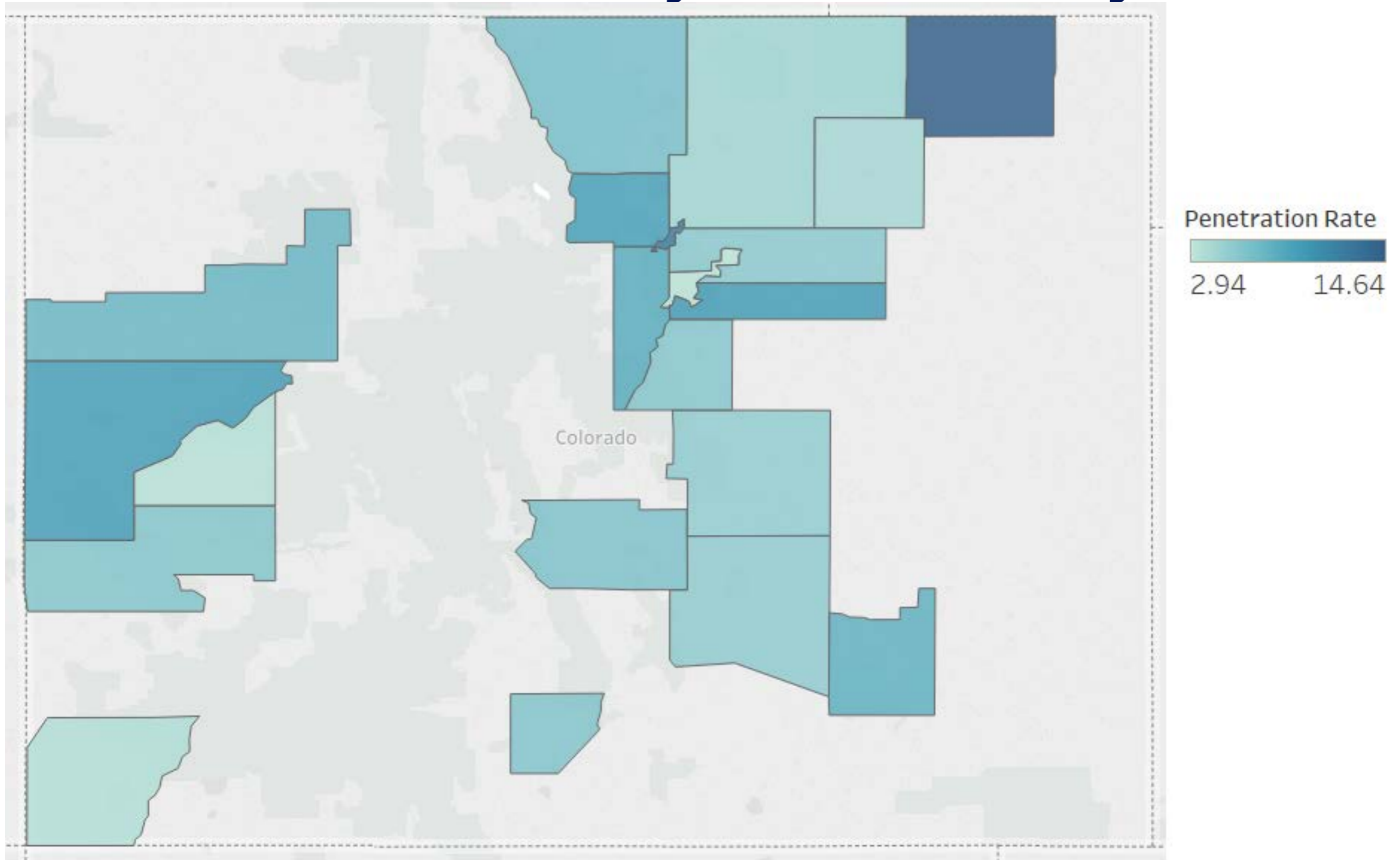
*DRAFT - All Calculations are Preliminary

DD - Utilizer Density by Member County CY 2019



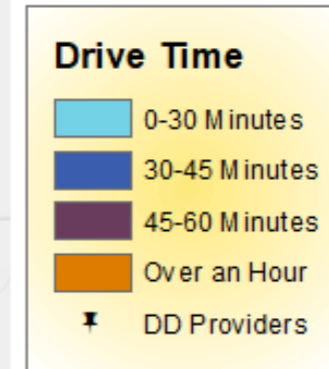
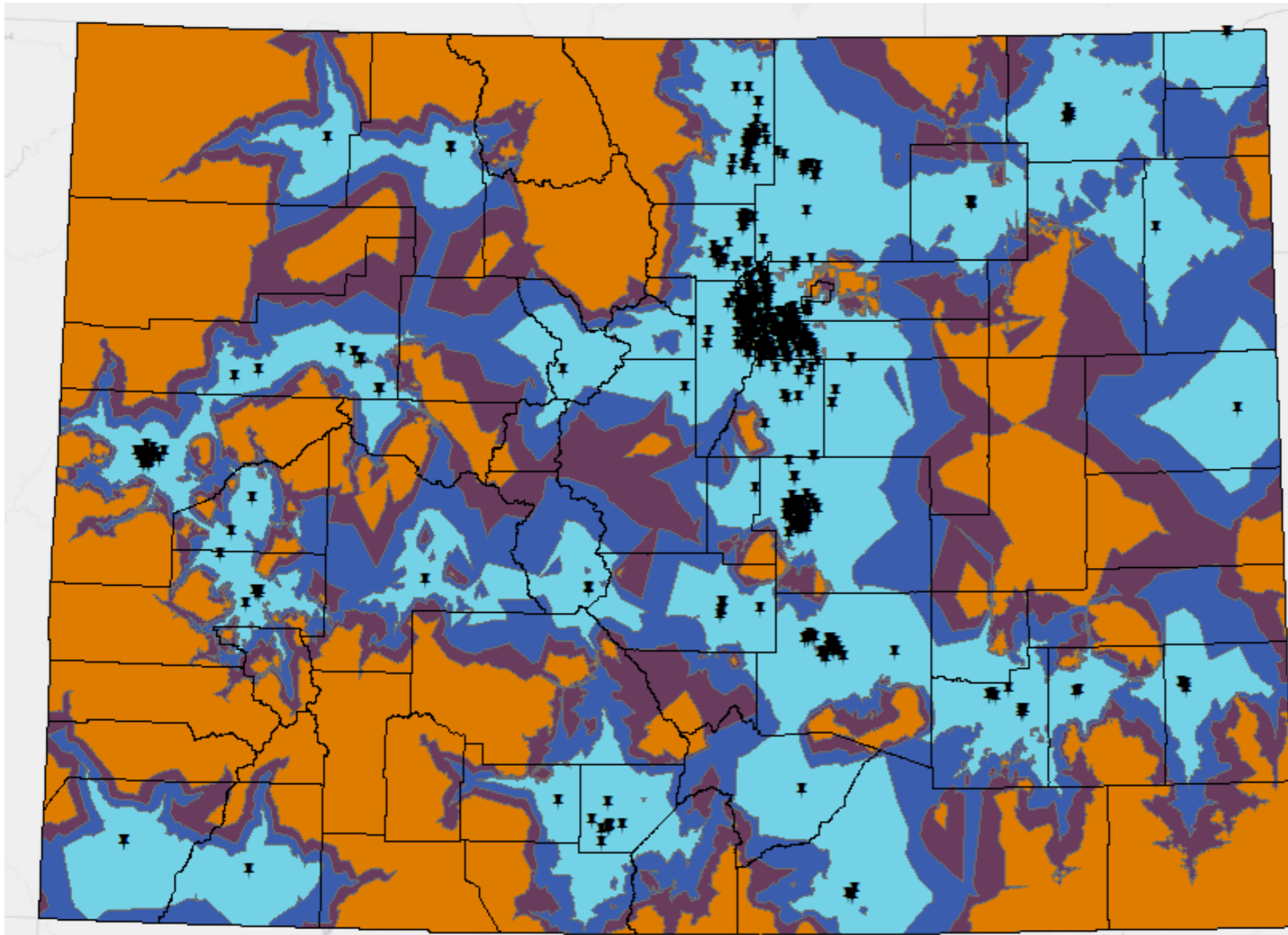
*DRAFT - All Calculations are Preliminary

DD - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

DD - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	95.66%
30-45 Minutes	2.48%
45-60 Minutes	0.81%
Over an Hour	1.05%
Total	100%

**DRAFT - All Calculations are Preliminary*



Questions?

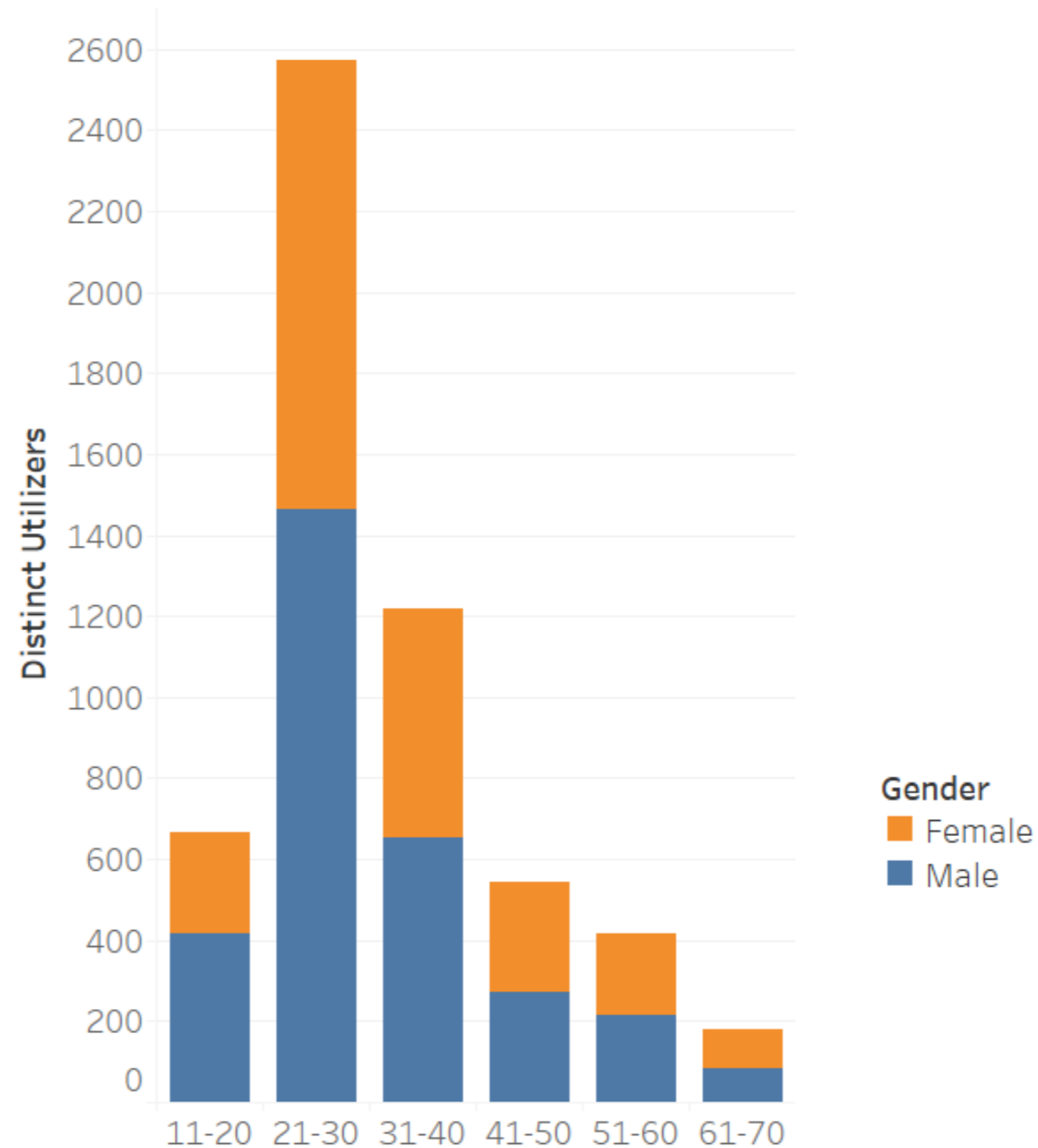
Supported Living Services Waiver (SLS)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
5,211	432	\$65,606,907

Purpose: Provide persons with developmental disabilities supported living services in the person’s home or community.

*DRAFT - All Calculations are Preliminary

SLS Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

SLS Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	T2021	DAY HABIL WAIVER PER 15 MIN	7,444,110	\$27,319,934
2	T1019	PERSONAL CARE SER PER 15 MIN	1,142,012	\$6,075,675
3	T2003	NMT; ENCOUNTER/TRIP	608,541	\$5,937,240
4	S5150	UNSKILLED RESPITE CARE PER 15 MIN	991,624	\$5,280,328
5	S5130	HOMEMAKER SERVICE NOS PER 15 MIN	851,914	\$4,557,722
6	T2019	HABIL SUPPORTED EMPLOYMENT WAIVER 15 MIN	680,187	\$3,821,992
7	H2021	HOMEMAKER MENTOR COM WRAP-AROUND 15 MIN	121,880	\$1,310,434
8	S5151	UNSKILLED RESPITE CARE/DIEM	6,104	\$1,297,902
9	H2019	THERAPY BEHAVIOR SVC, PER 15 MIN	59,925	\$1,264,737
10	T2015	HABIL PREVOC WAIVER PER HOUR	310,489	\$895,743

*DRAFT - All Calculations are Preliminary

SLS - Comparison Methodology

- Other States' Medicaid Fee Schedules
 - Large variation in covered benefits across states
 - States Used in 2021 Comparison Analysis: CT, IL, MT, OH, OK, UT
 - Previously compared: CT, MT, OH, OK, UT
 - Supplemental for validity: IL

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$65,606,907	\$59,514,304	90.7%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$59,514,304	\$60,693,197	98.1%

*DRAFT - All Calculations are Preliminary

SLS - Rate Comparison Results

SLS Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Day Habilitation	\$28,080,736	\$41,371,975	67.87%
Homemaker	\$6,406,535	\$4,227,321	151.55%
Non-Medical Transportation (NMT)	\$6,083,823	\$7,870,973	77.29%
Personal Care	\$6,730,159	\$5,434,056	123.85%
Prevocational Services	\$921,757	\$1,396,137	66.02%
Professional Therapy Services	\$1,547,412	\$1,355,751	114.14%
Respite	\$7,105,271	\$5,026,567	141.35%
Supported Employment	\$4,050,997	\$5,674,100	71.39%
Therapy, Behavioral	\$1,416,701	\$985,178	143.80%
Benchmark Total	\$62,343,392	\$73,342,057	85.0%

***DRAFT - All Calculations are Preliminary**

SLS Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	52.3%
IL	131.9%
MT	81.2%
OH	117.9%
OK	118.6%
UT	67.5%
Other States' Average	85.0%

*DRAFT - All Calculations are Preliminary

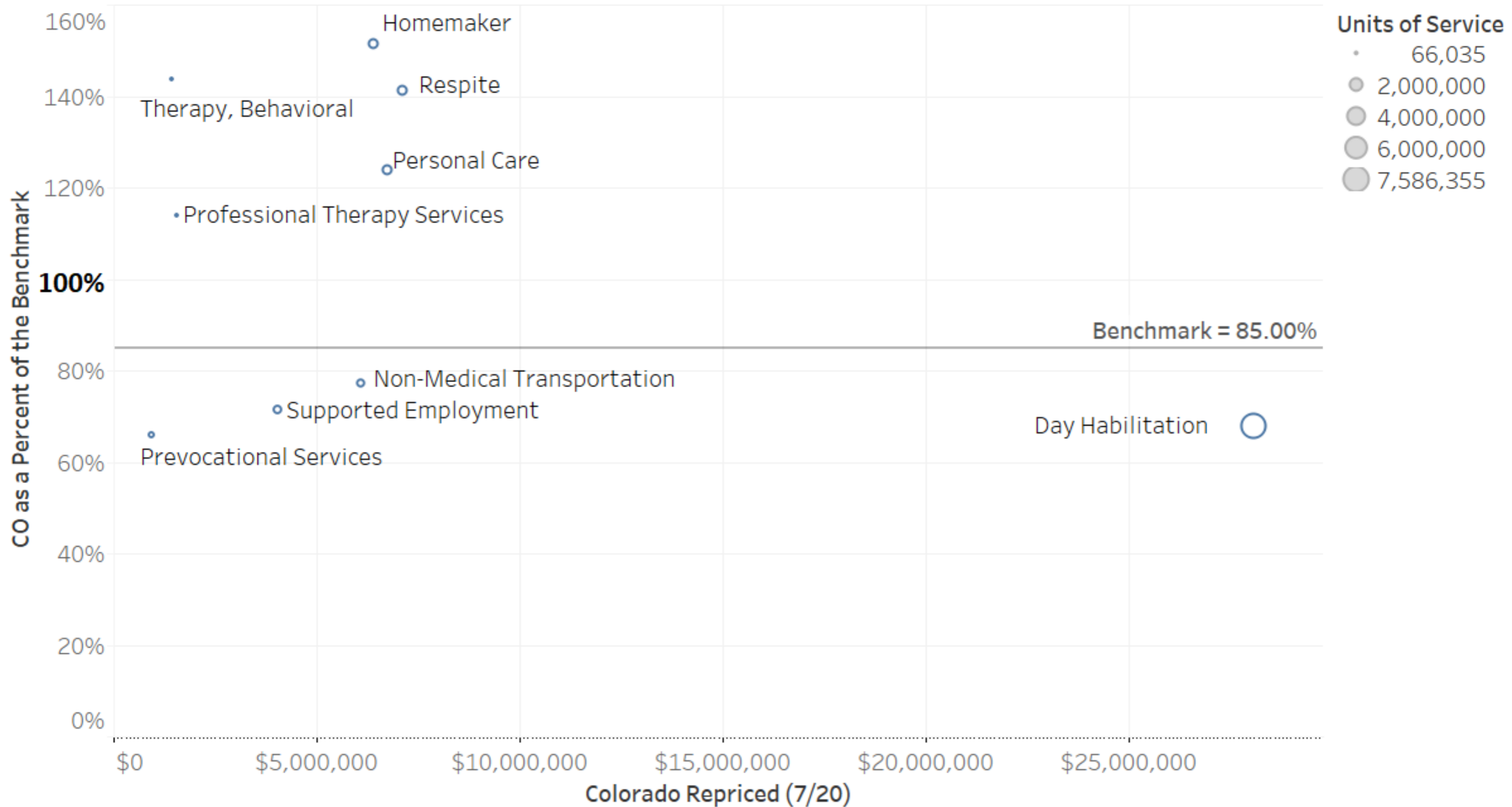
SLS - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$10,998,665**.

SLS Comparison Results	
Colorado as a Percentage of Benchmark	85.0%
Colorado Repriced Amount	\$62,343,392
Benchmark Repriced Amount	\$73,342,057
Est. CY 2019 Total Fund Impact	\$10,998,665

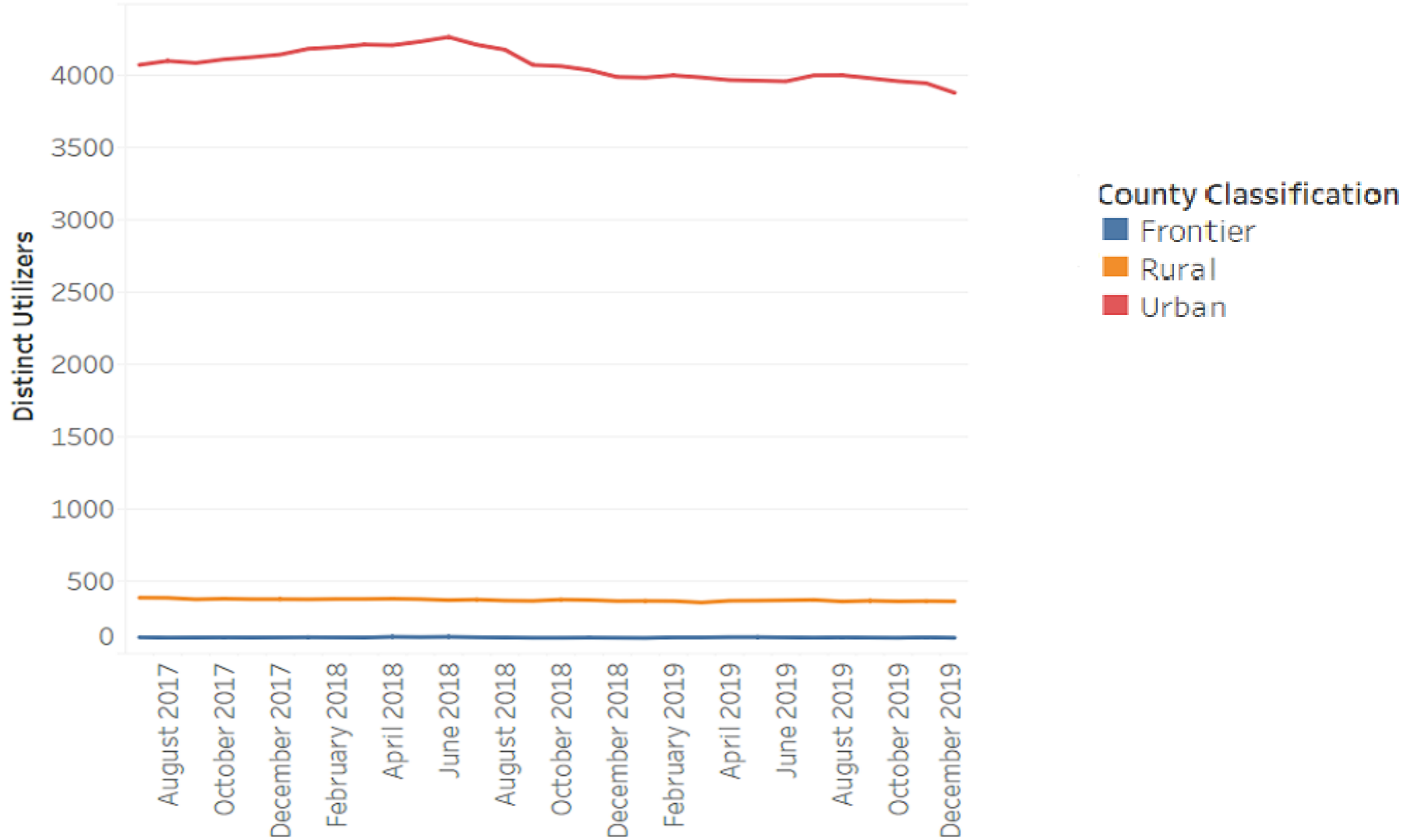
*DRAFT - All Calculations are Preliminary

SLS - Scatterplot CY 2019



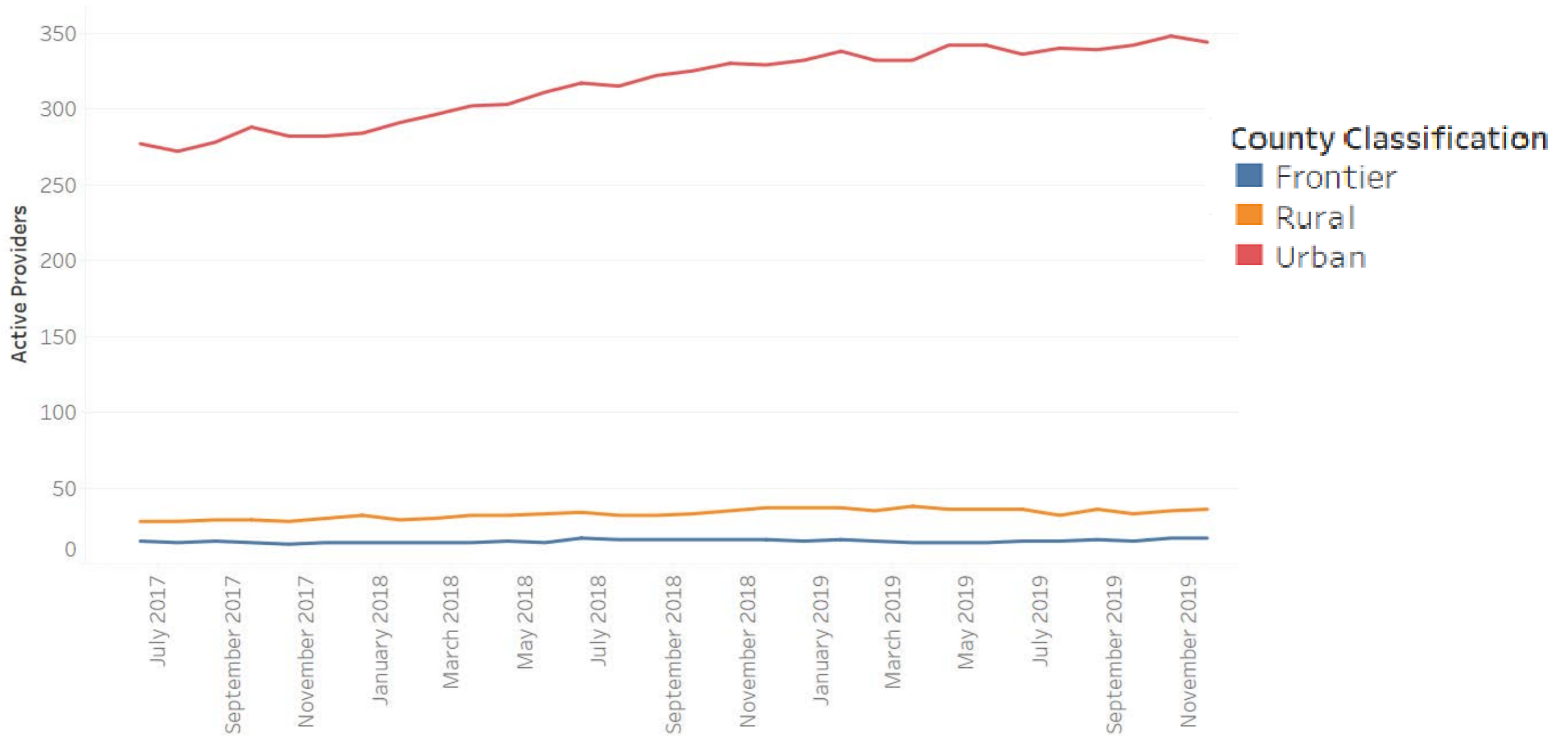
***DRAFT - All Calculations are Preliminary**

SLS - Distinct Utilizers Over Time



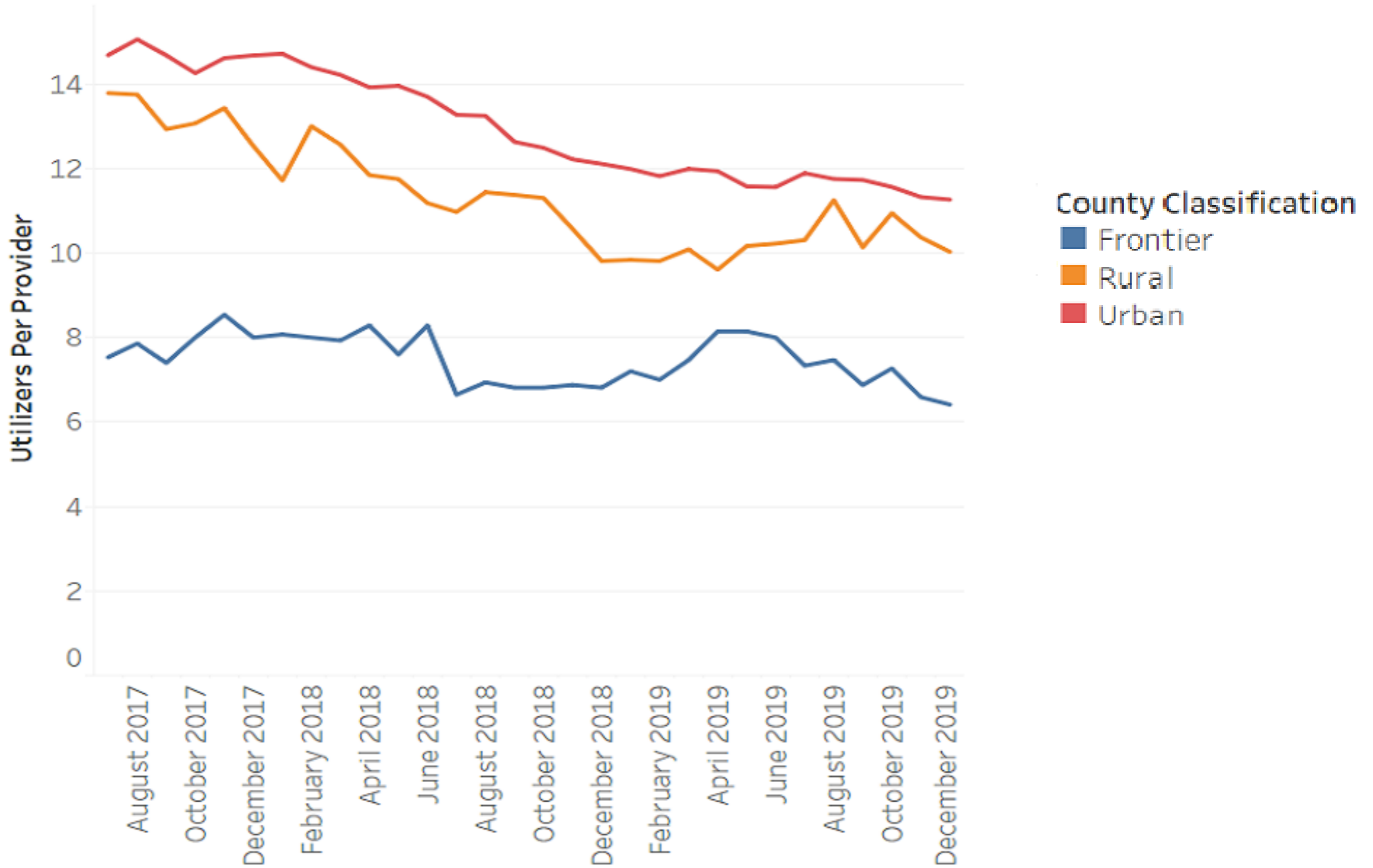
*DRAFT - All Calculations are Preliminary

SLS - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

SLS - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

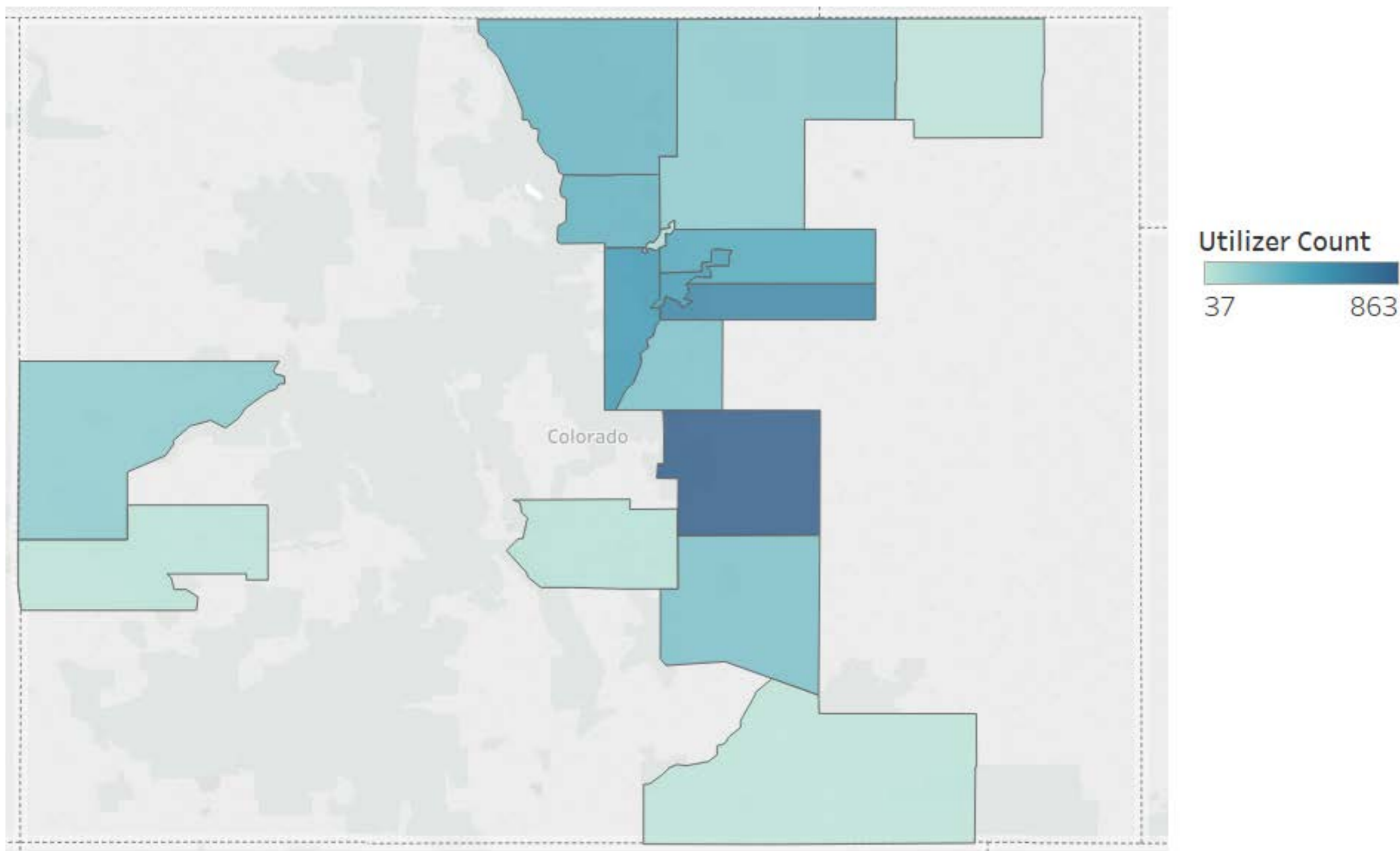
SLS - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 SLS Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	21	28,627	0.73
Rural	46	103,384	0.44
Urban	405	757,474	0.53
Statewide	432	889,962	0.49

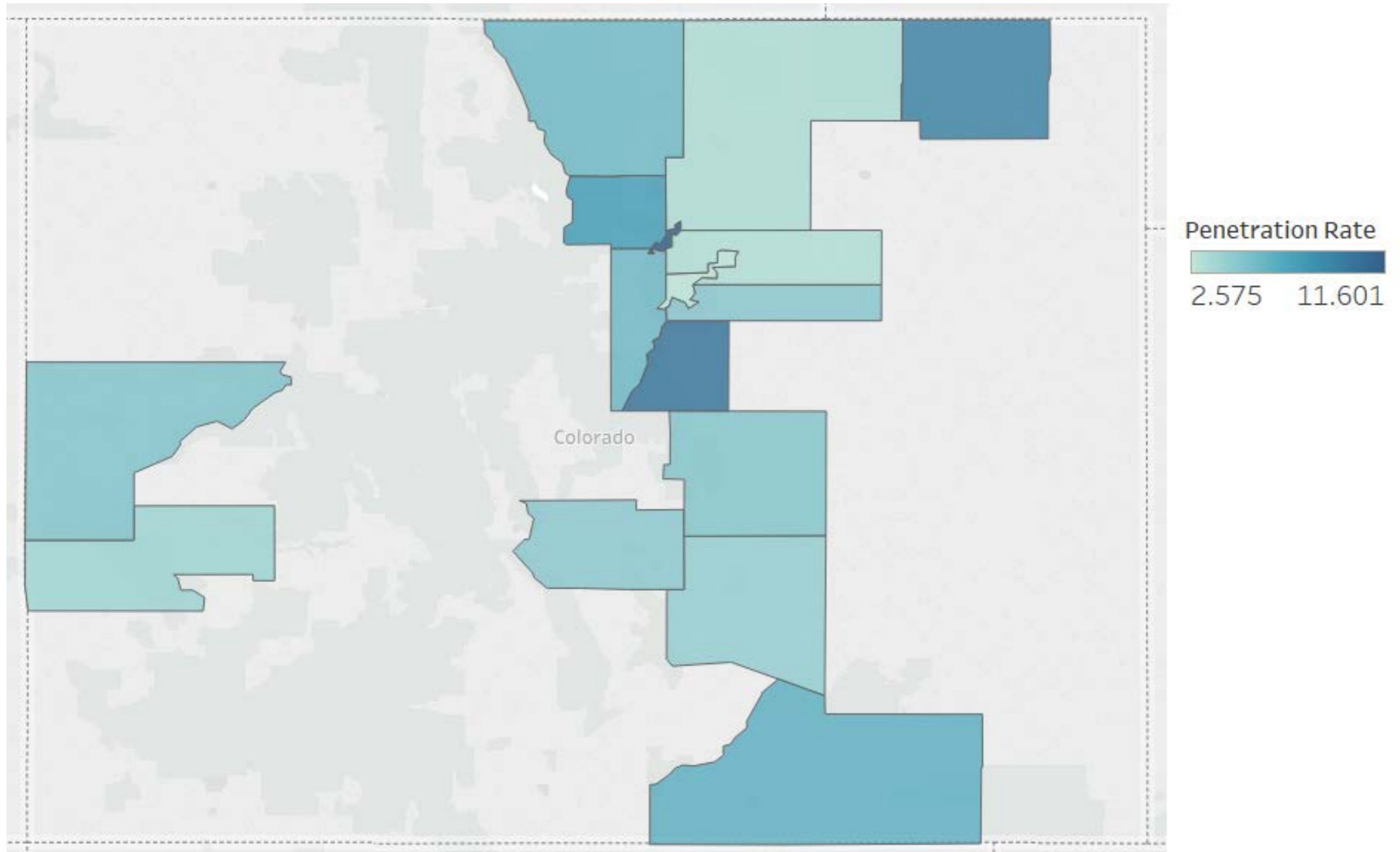
*DRAFT - All Calculations are Preliminary

SLS - Utilizer Density by Member County CY 2019



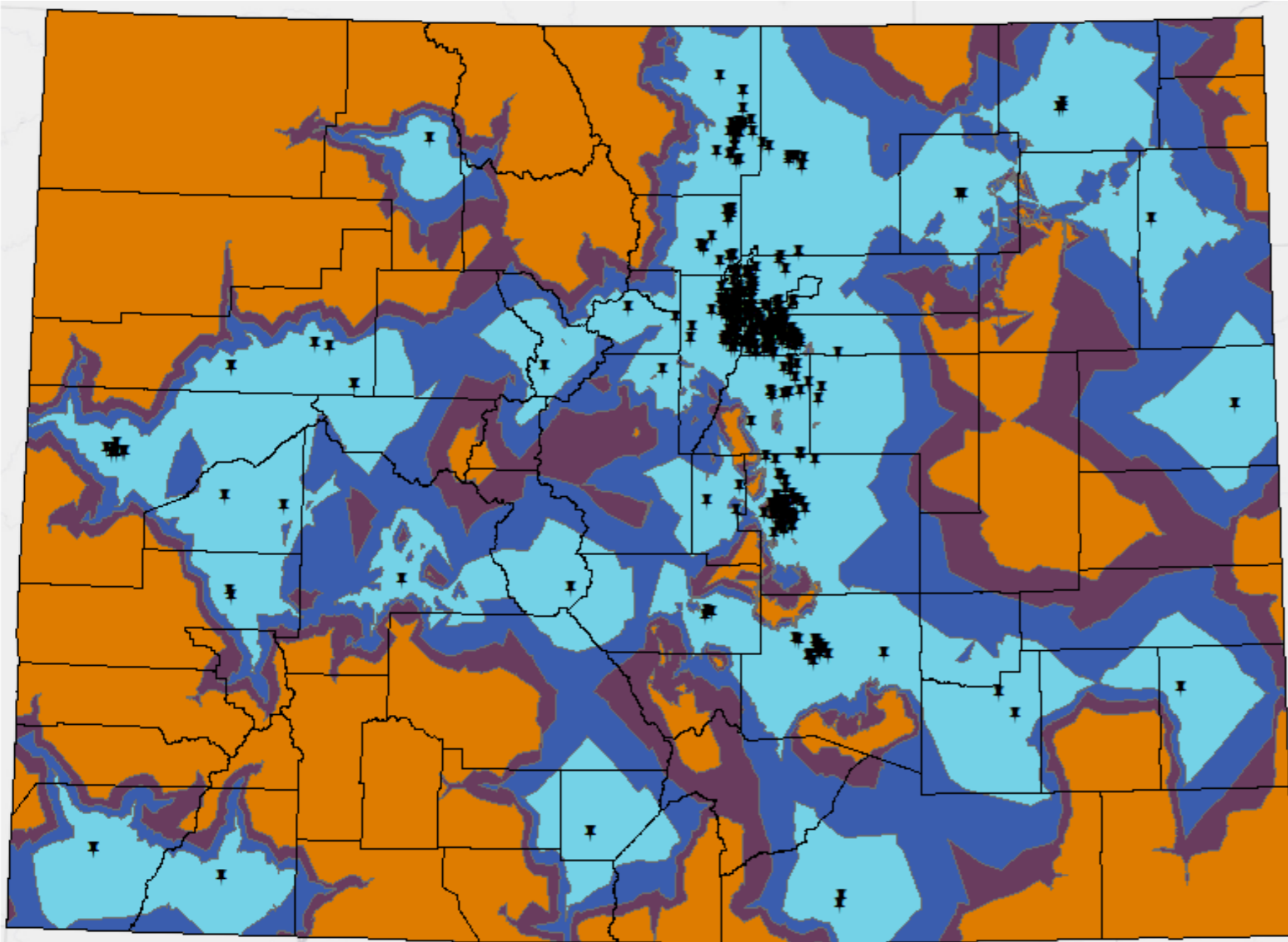
*DRAFT - All Calculations are Preliminary

SLS - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

SLS - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	95.45%
30-45 Minutes	2.35%
45-60 Minutes	1.09%
Over an Hour	1.11%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

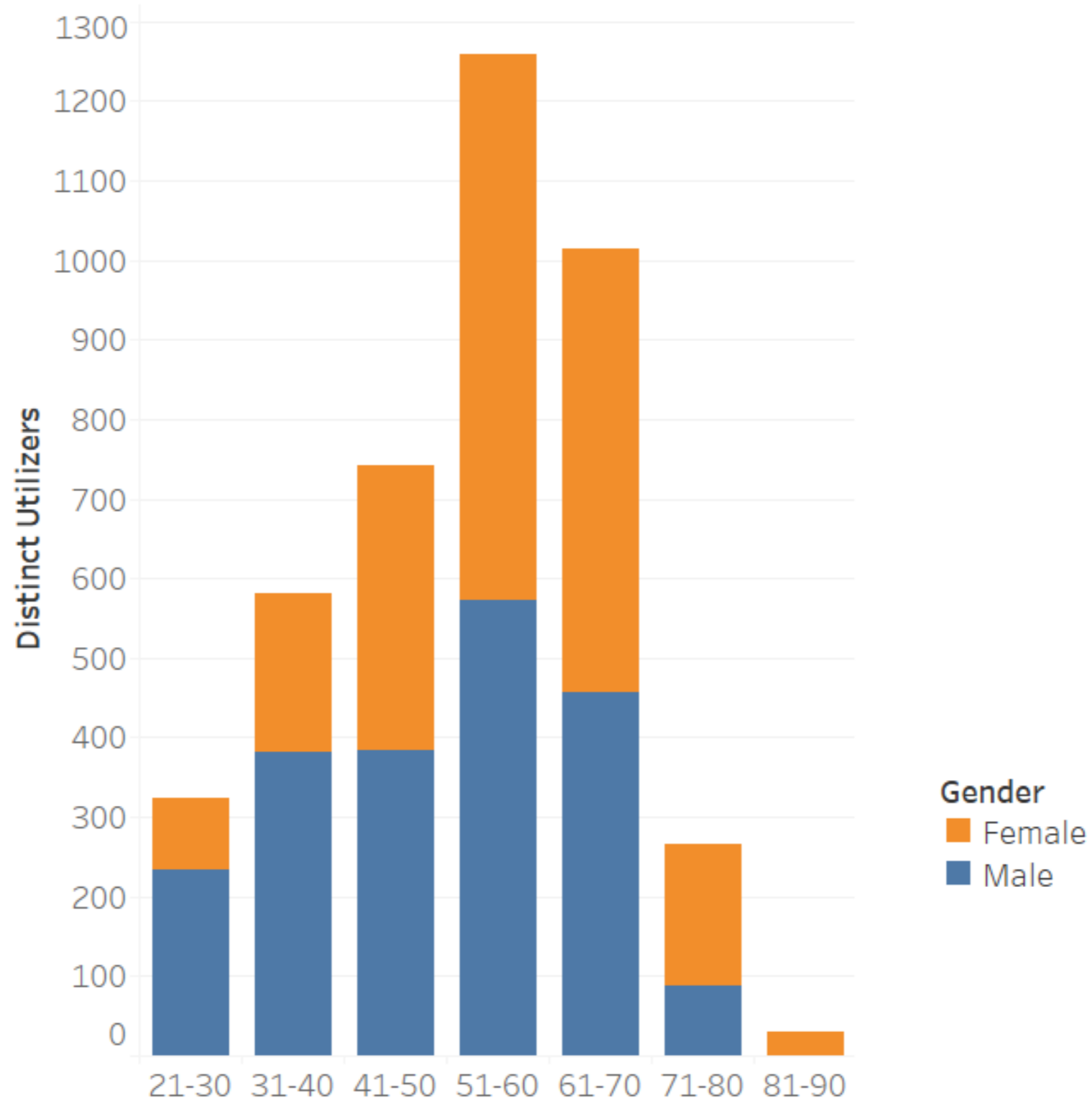
Community Mental Health Supports Waiver (CMHS)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
3,925	564	\$47,984,246

Purpose: Provide a home or community-based alternative to nursing facility care for persons experiencing severe and persistent mental health needs.

*DRAFT - All Calculations are Preliminary

CMHS Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

CMHS Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	T2031	ASSIST LIVING WAIVER PER DIEM	477,597	\$28,917,875
2	T1019	PERSONAL CARE SER PER 15 MIN	1,565,193	\$7,193,553
3	S5130	HOMEMAKER SERVICES MOS PER 15 MIN	740,764	\$3,404,538
4	S5105	CENTERBASED ADULT DAY SVC PER DIEM	20,922	\$575,071
5	A0120	NONER TRANSPORT MINI-BUS	27,758	\$414,848
6	A0130	NONER TRANSPORT WHEELCHAIR VAN	2,150	\$41,388
7	S5151	UNSKILLED RESPITE CARE PER DIEM	477	\$26,019
8	S5170	HOME DELIVERED PREPARED MEAL	2,169	\$23,425
9	H0045	RESPITE NOT-IN-HOME PER DIEM	163	\$21,006
10	H2014	SKILLS TRAIN AND DEV, 15 MIN	453	\$4,231

***DRAFT - All Calculations are Preliminary**

CMHS - Comparison Methodology

- Other States' Medicaid Fee Schedules

- Large variation in covered benefits across states
- States Used in 2021 Comparison Analysis: CT, IL, MT, OH, OK, UT
- Previously compared: CT, OH, OK, UT, MT
- Supplemental for validity: IL

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$47,984,246	\$40,623,298	84.7%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$40,623,298	\$40,920,535	99.3%

**DRAFT - All Calculations are Preliminary*

CMHS - Rate Comparison Results

CMHS Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Adult Day Services	\$663,510	\$870,550	76.22%
Assisted Living Facility	\$31,253,241	\$42,731,033	73.14%
Community Transitions	\$1,509	\$1,821	82.88%
Home Delivered Meals	\$25,229	\$13,063	193.13%
Homemaker	\$3,682,566	\$3,180,486	115.79%
Life Skills Training	\$5,500	\$4,225	130.18%
Non-Medical Transportation (NMT)	\$476,590	\$384,422	123.98%
Personal Care	\$7,781,565	\$7,366,253	105.64%
Respite	\$68,770	\$107,446	64.00%
Benchmark Total	\$44,956,825	\$54,659,300	80.4%

***DRAFT - All Calculations are Preliminary**

CMHS Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	87.9%
IL	81.2%
MT	46.6%
OH	97.6%
OK	112.9%
UT	97.8%
Other States' Average	80.4%

*DRAFT - All Calculations are Preliminary

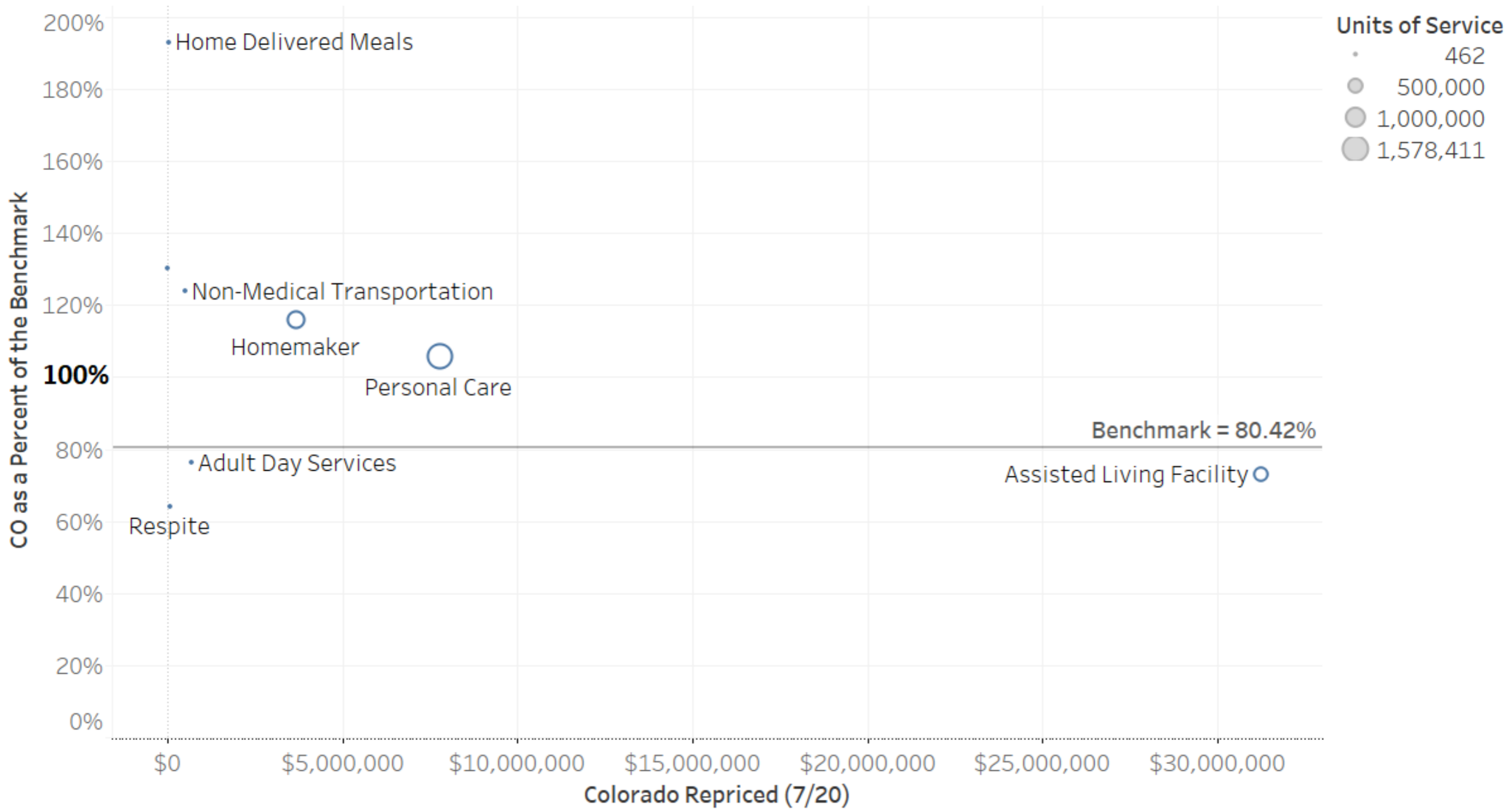
CMHS - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$9,702,475**.

CMHS Comparison Results	
Colorado as a Percentage of Benchmark	80.4%
Colorado Repriced Amount	\$44,956,825
Benchmark Repriced Amount	\$54,659,300
Est. CY 2019 Total Fund Impact	\$9,702,475

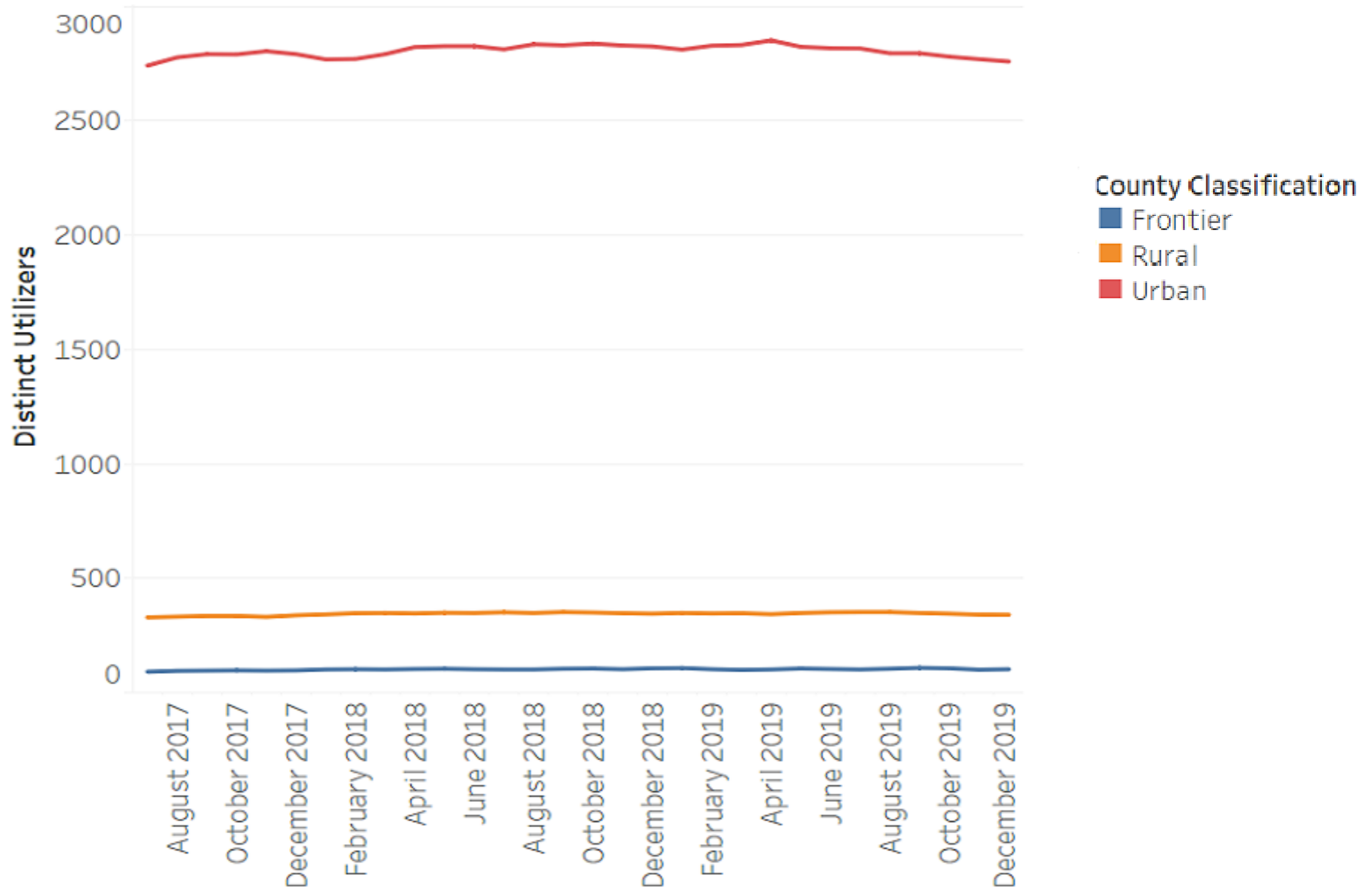
***DRAFT - All Calculations are Preliminary**

CMHS - Scatterplot CY 2019



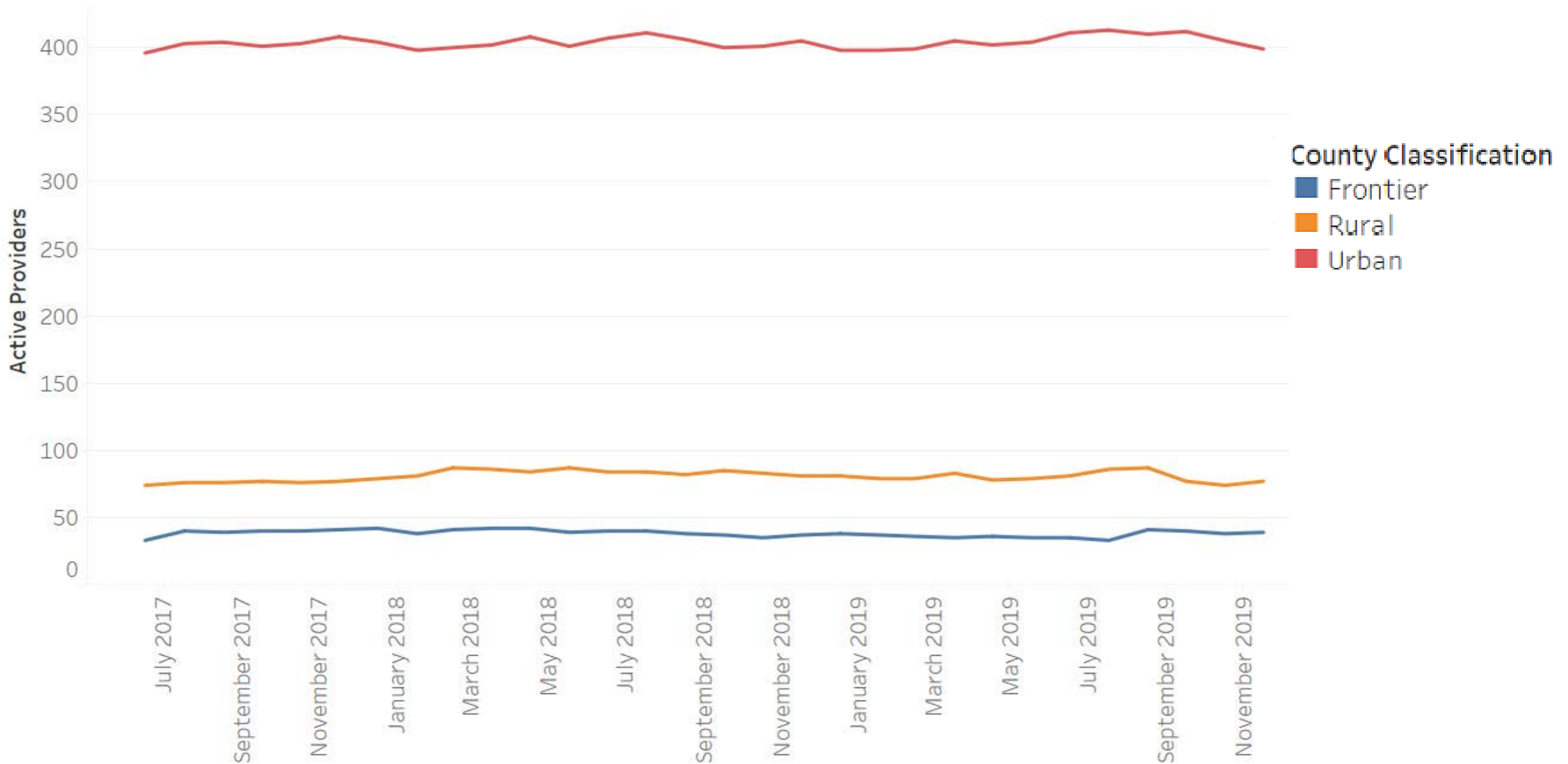
*DRAFT - All Calculations are Preliminary

CMHS - Distinct Utilizers Over Time



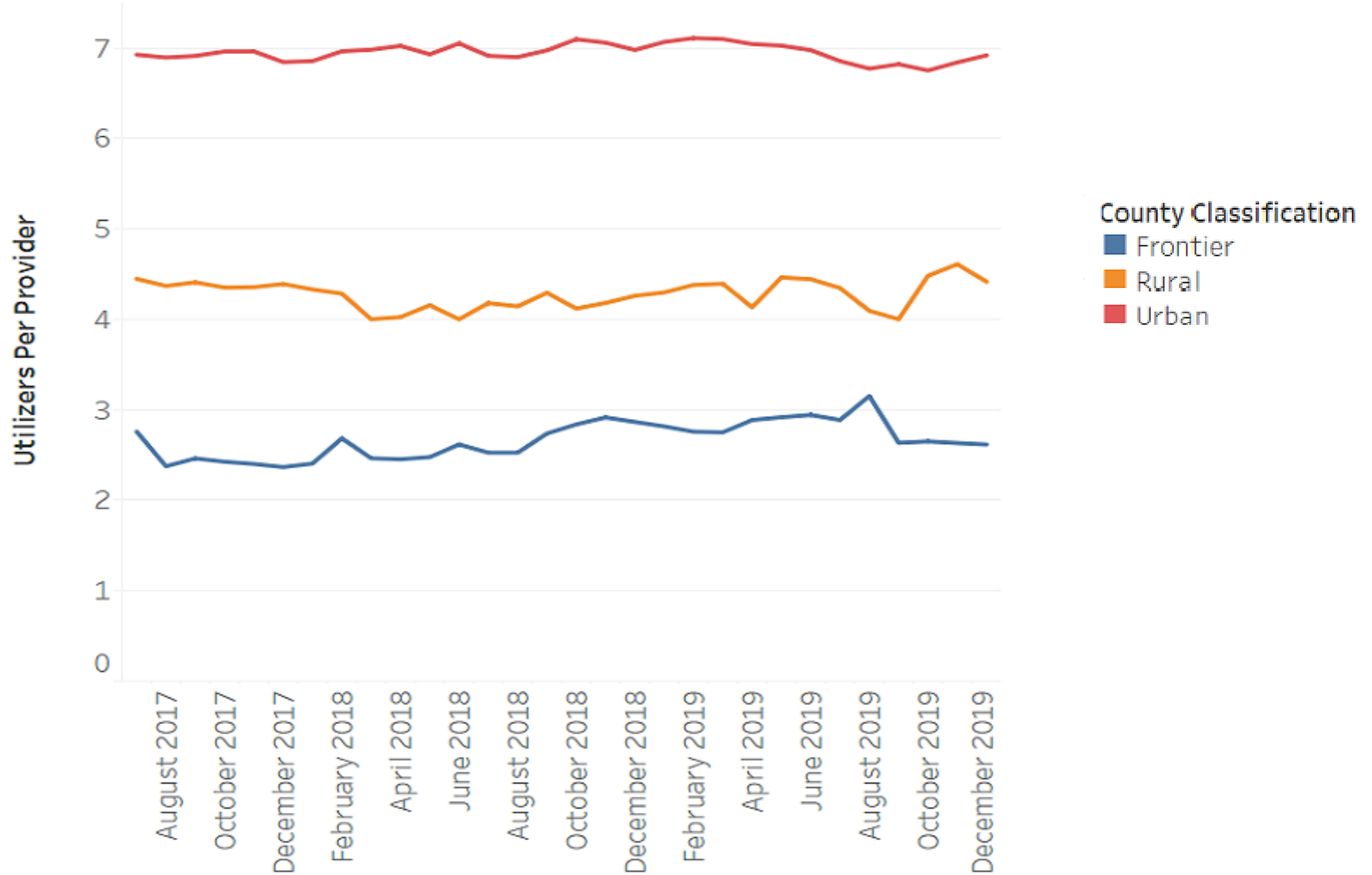
*DRAFT - All Calculations are Preliminary

CMHS - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

CMHS - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

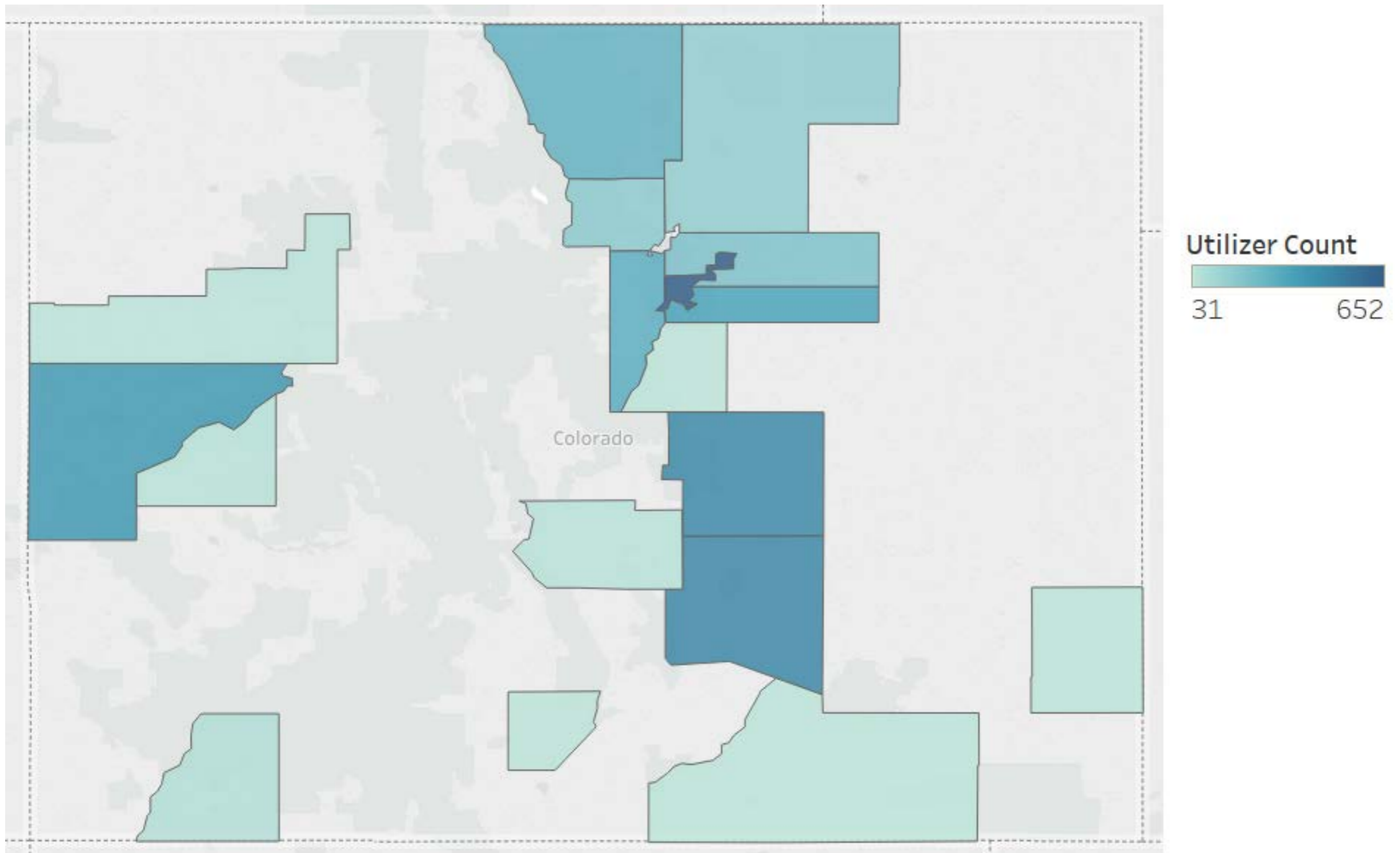
CMHS - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 CMHS Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	53	28,627	1.85
Rural	114	103,384	1.10
Urban	478	757,474	0.63
Statewide	564	889,962	0.63

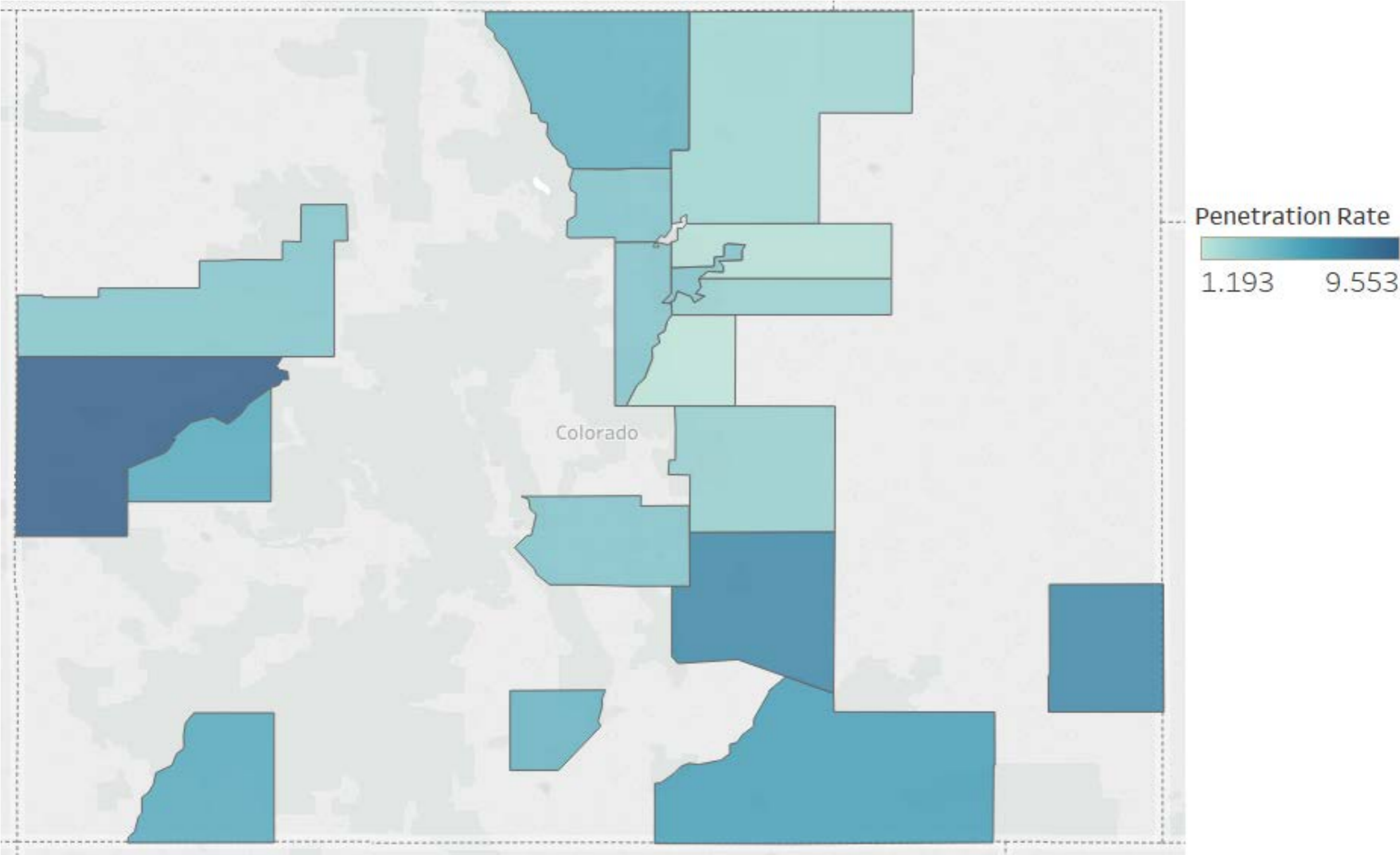
*DRAFT - All Calculations are Preliminary

CMHS - Utilizer Density by Member County CY 2019



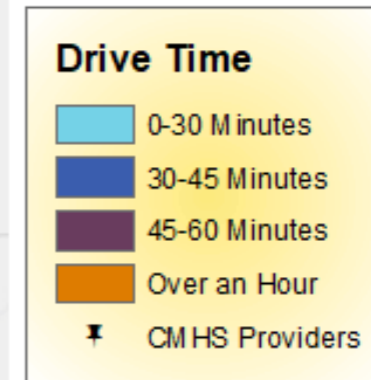
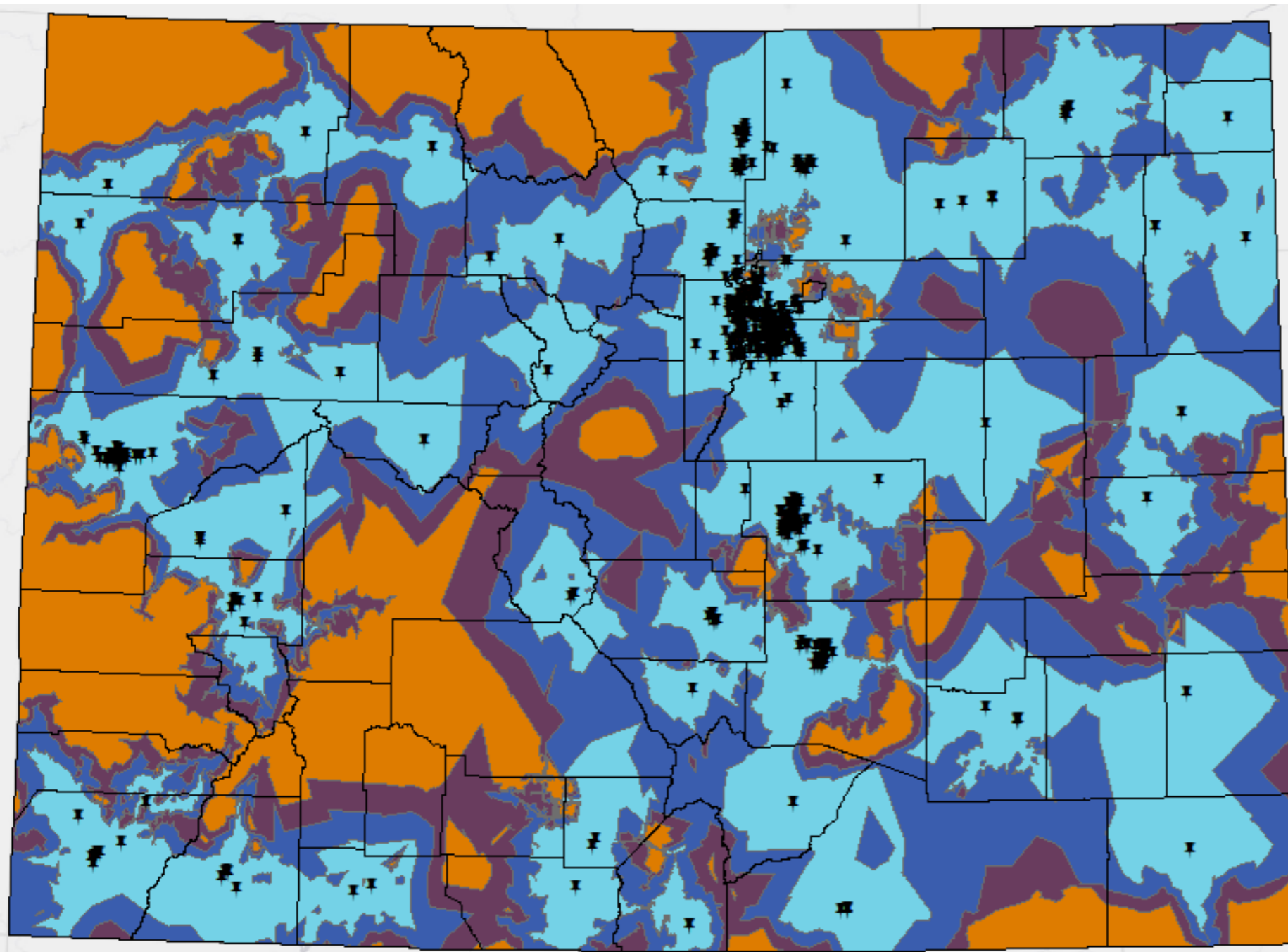
*DRAFT - All Calculations are Preliminary

CMHS - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

CMHS - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	94.78%
30-45 Minutes	3.06%
45-60 Minutes	1.02%
Over an Hour	1.14%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

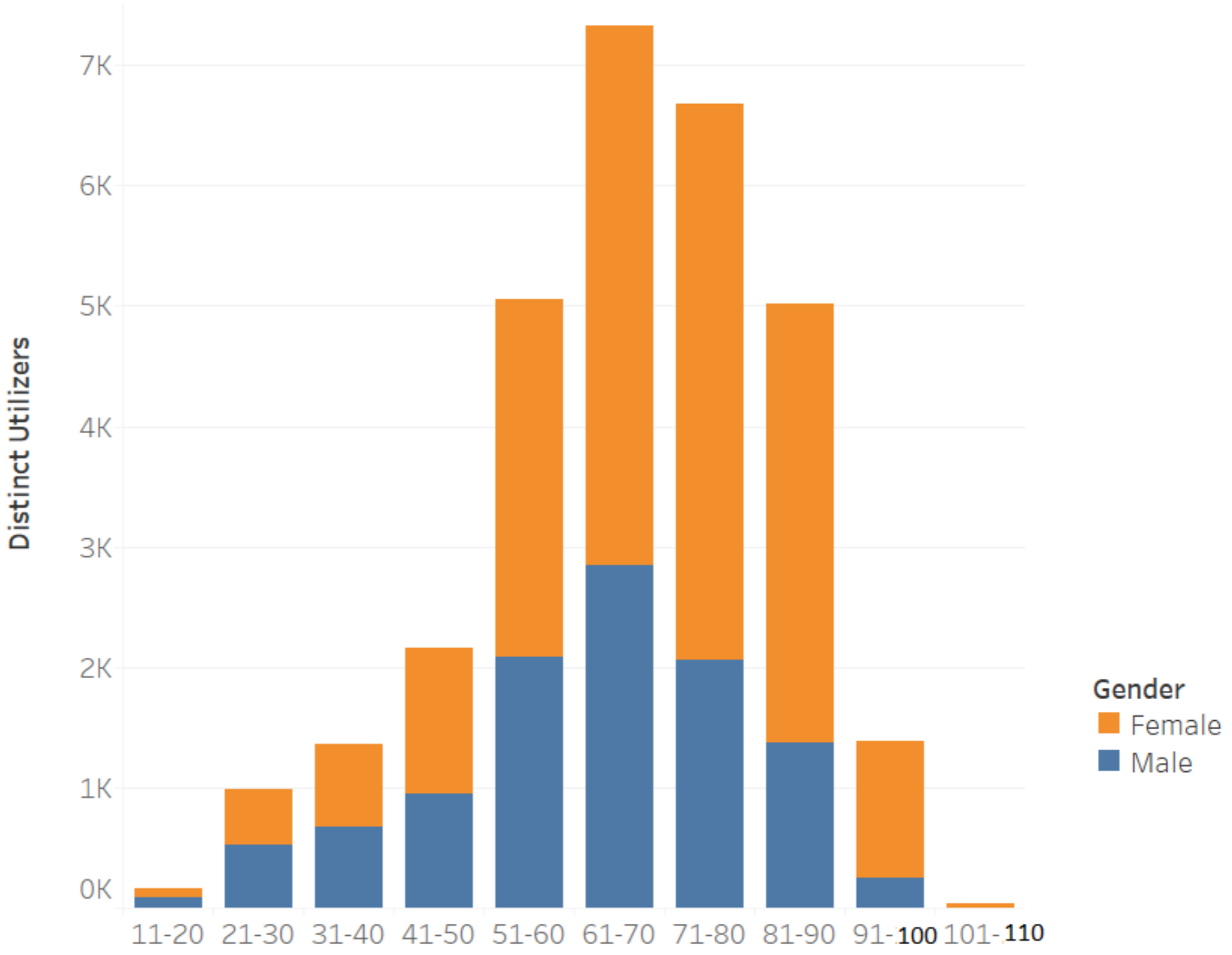
Elderly, Blind, and Disabled Waiver (EBD)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
28,057	857	\$492,199,274

Purpose: Provide a home or community-based alternative to nursing facility care for persons who are elderly, blind, or have a disability.

*DRAFT - All Calculations are Preliminary

EBD Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

EBD Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	T1019	PERSONAL CARE SER PER 15 MIN	38,091,413	\$175,039,240
2	H0038	IHSS HEALTH MAINTENANCE SVC PER 15 MIN	9,950,454	\$74,722,277
3	S5130	HOMEMAKER SERVICE NOS PER 15 MIN	8,335,842	\$38,291,440
4	T2031	ASSIST LIVING WAIVER PER DIEM	679,973	\$34,722,196
5	S5105	CENTER BASED ADULT DAY SVC PER DIEM	652,862	\$17,508,937
6	A0120	NONER TRANSPORT MINI-BUS	558,728	\$7,098,460
7	A0130	NONER TRANSPORT WHEELCHAIR VAN	64,334	\$1,164,574
8	H0045	RESPITE NOT-IN-HOME PER DIEM	5,045	\$645,486
9	S5150	UNSKILLED RESPITE CARE PER 15 MIN	42,743	\$210,853
10	S5170	HOMEDELIVERED PREPARED MEAL	9,436	\$101,909

*DRAFT - All Calculations are Preliminary

EBD - Comparison Methodology

- Other States' Medicaid Fee Schedules

- Large variation in covered benefits across states
- States Used in 2021 Comparison Analysis: CT, IL, MT, OH, OK, UT
- Previously compared: CT, OH, OK, UT, MT
- Supplemental for validity: IL

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$492,199,274	\$349,214,013	70.9%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$349,214,013	\$35,148,163	98.9%

*DRAFT - All Calculations are Preliminary

EBD - Rate Comparison Results

EBD Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Adult Day Services	\$23,096,285	\$27,218,393	84.86%
Assisted Living Facility	\$44,583,166	\$60,956,389	73.14%
Community Transitions	\$35,732	\$42,062	84.95%
Home Delivered Meals	\$109,922	\$56,916	193.13%
Homemaker	\$27,039,466	\$23,352,913	115.79%
IHSS Health Maintenance	\$74,722,277	\$89,971,081	83.05%
IHSS Homemaker	\$14,489,154	\$12,513,707	115.79%
IHSS Personal Care	\$51,955,005	\$49,182,100	105.64%
Life Skills Training	\$125,716	\$96,569	130.18%
Non-Medical Transportation (NMT)	\$8,537,206	\$7,858,602	108.64%
Personal Care	\$137,812,578	\$130,457,346	105.64%
Respite	\$1,247,369	\$1,320,554	94.46%
Benchmark Total	\$383,75,873	\$403,026,633	80.4%

***DRAFT - All Calculations are Preliminary**

EBD Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	87.3%
IL	85.7%
MT	79.5%
OH	102.5%
OK	113.2%
UT	102.0%
Other States' Average	95.2%

*DRAFT - All Calculations are Preliminary

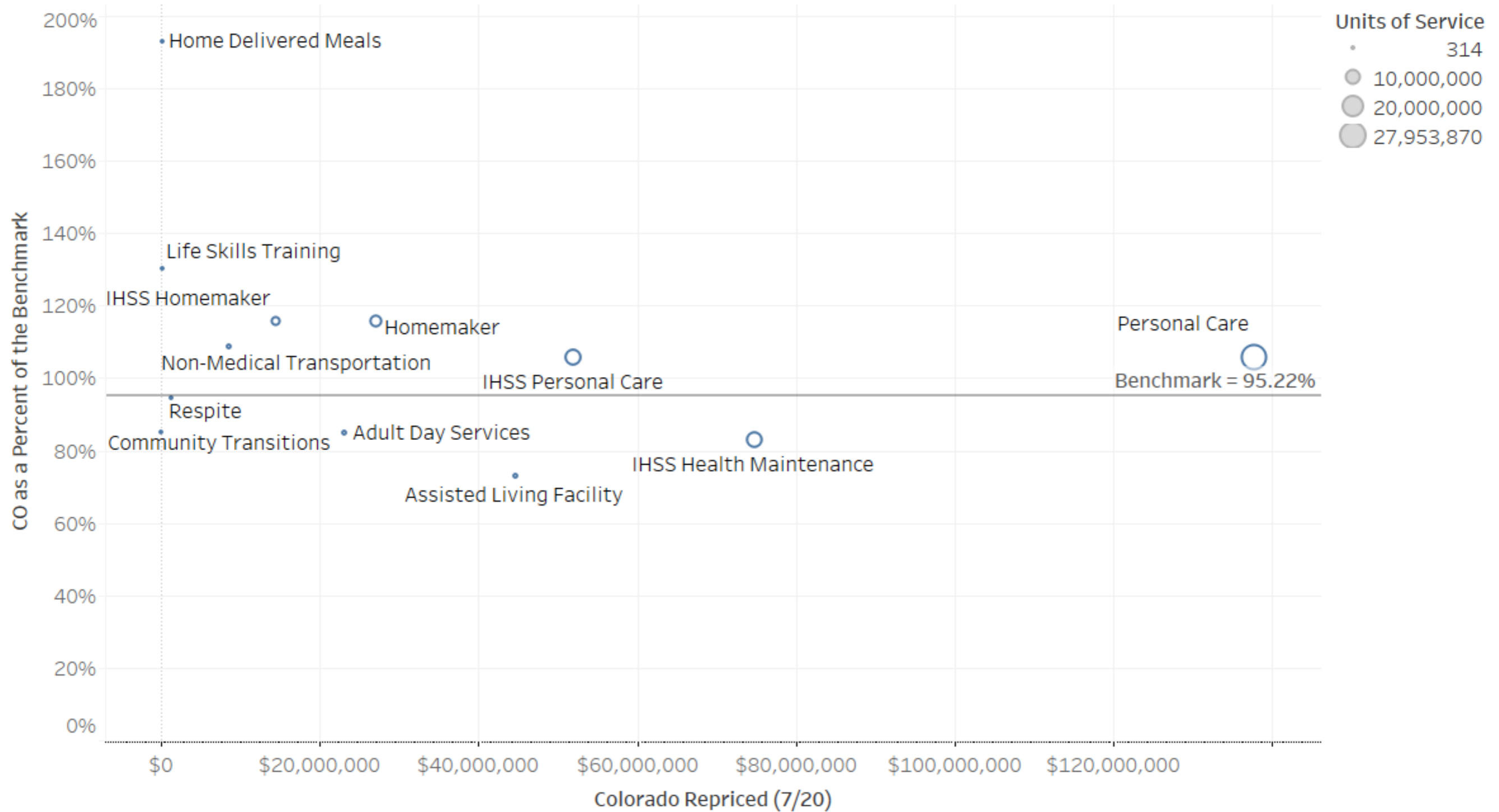
EBD - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$19,272,760**.

CMHS Comparison Results	
Colorado as a Percentage of Benchmark	95.2%
Colorado Repriced Amount	\$383,753,873
Benchmark Repriced Amount	\$403,026,633
Est. CY 2019 Total Fund Impact	\$19,272,760

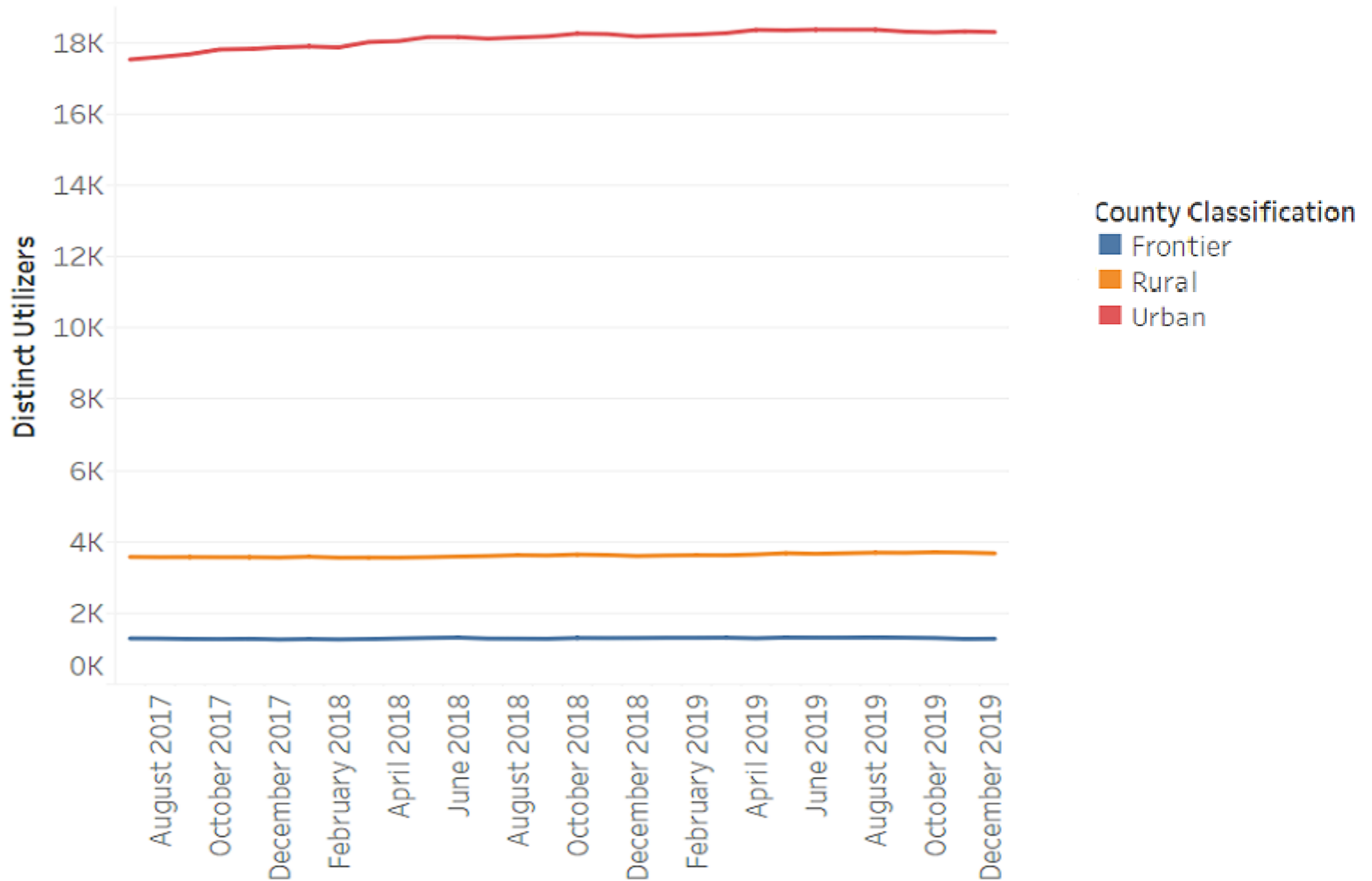
***DRAFT - All Calculations are Preliminary**

EBD - Scatterplot CY 2019



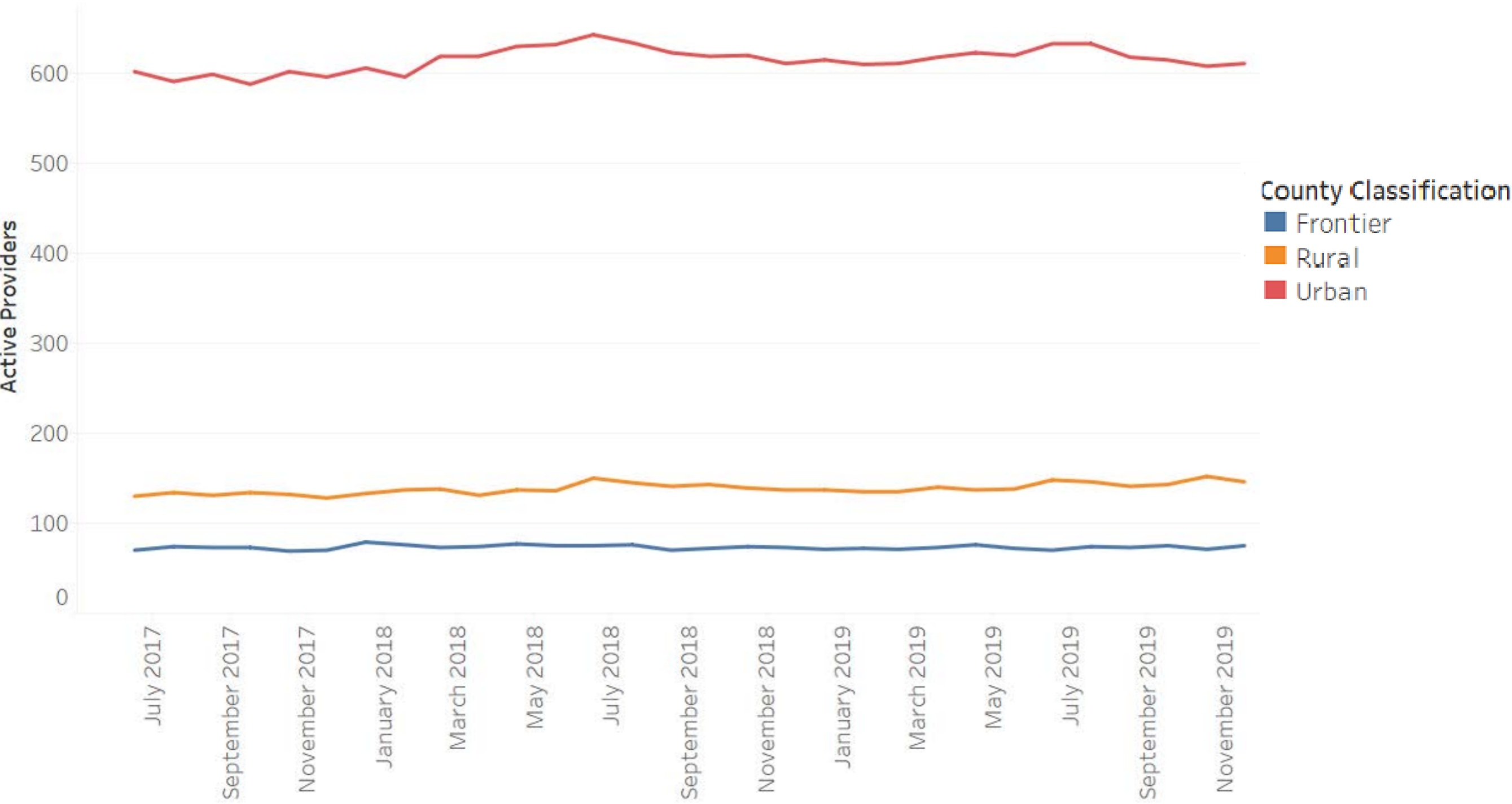
*DRAFT - All Calculations are Preliminary

EBD - Distinct Utilizers Over Time



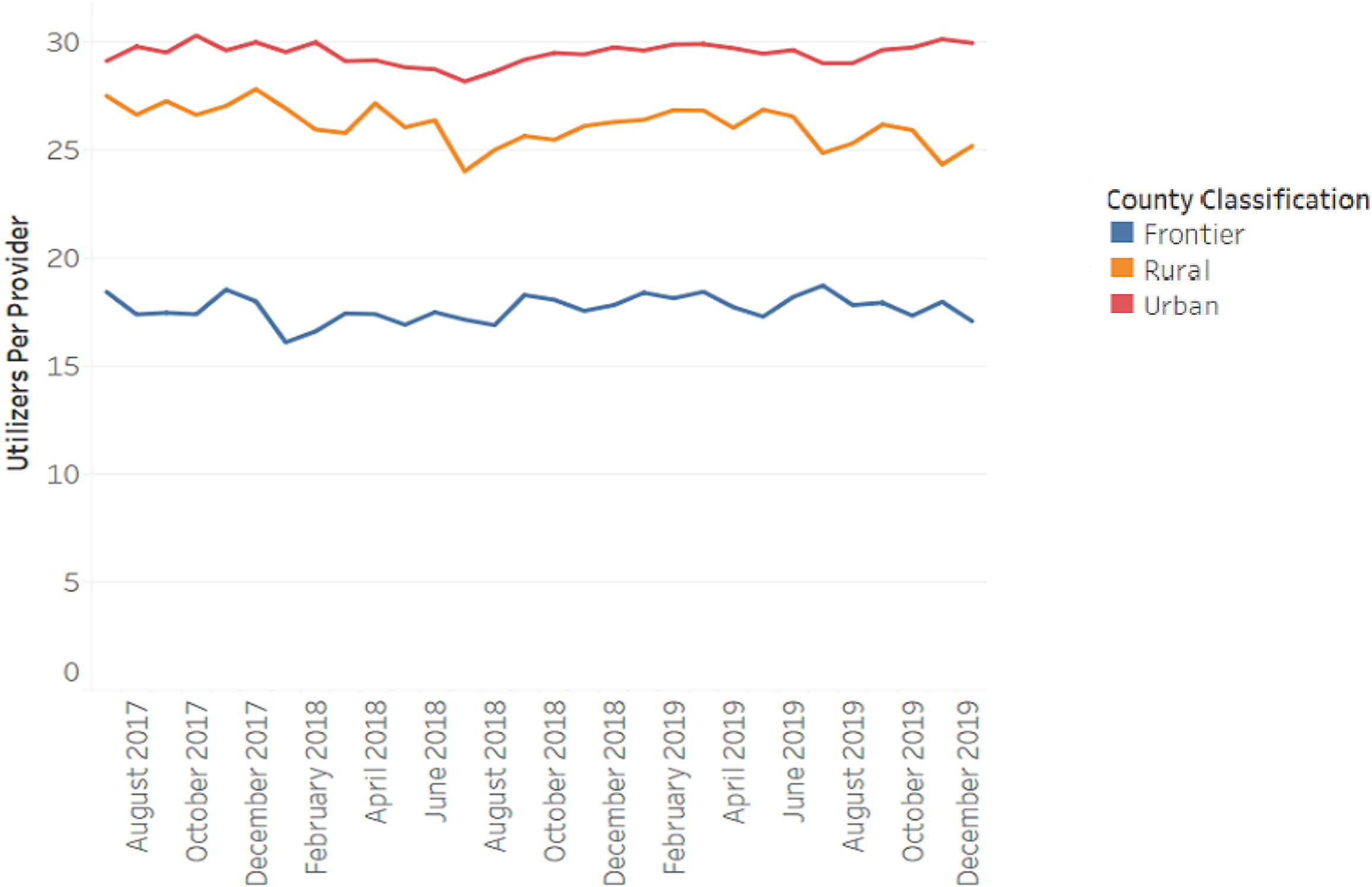
*DRAFT - All Calculations are Preliminary

EBD - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

EBD - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

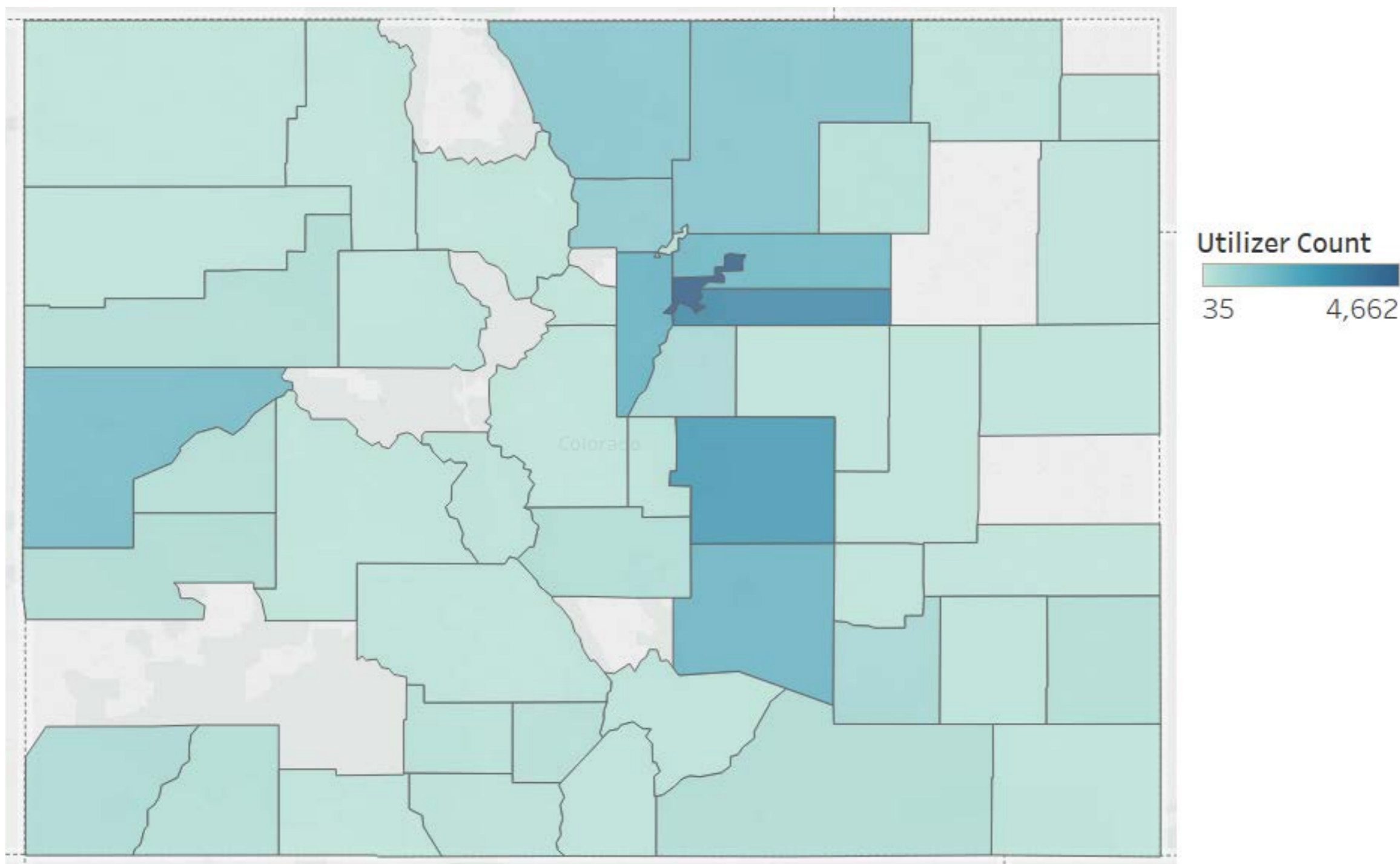
EBD - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 EBD Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	113	28,627	3.95
Rural	206	103,384	1.99
Urban	750	757,474	0.84
Statewide	857	889,962	0.96

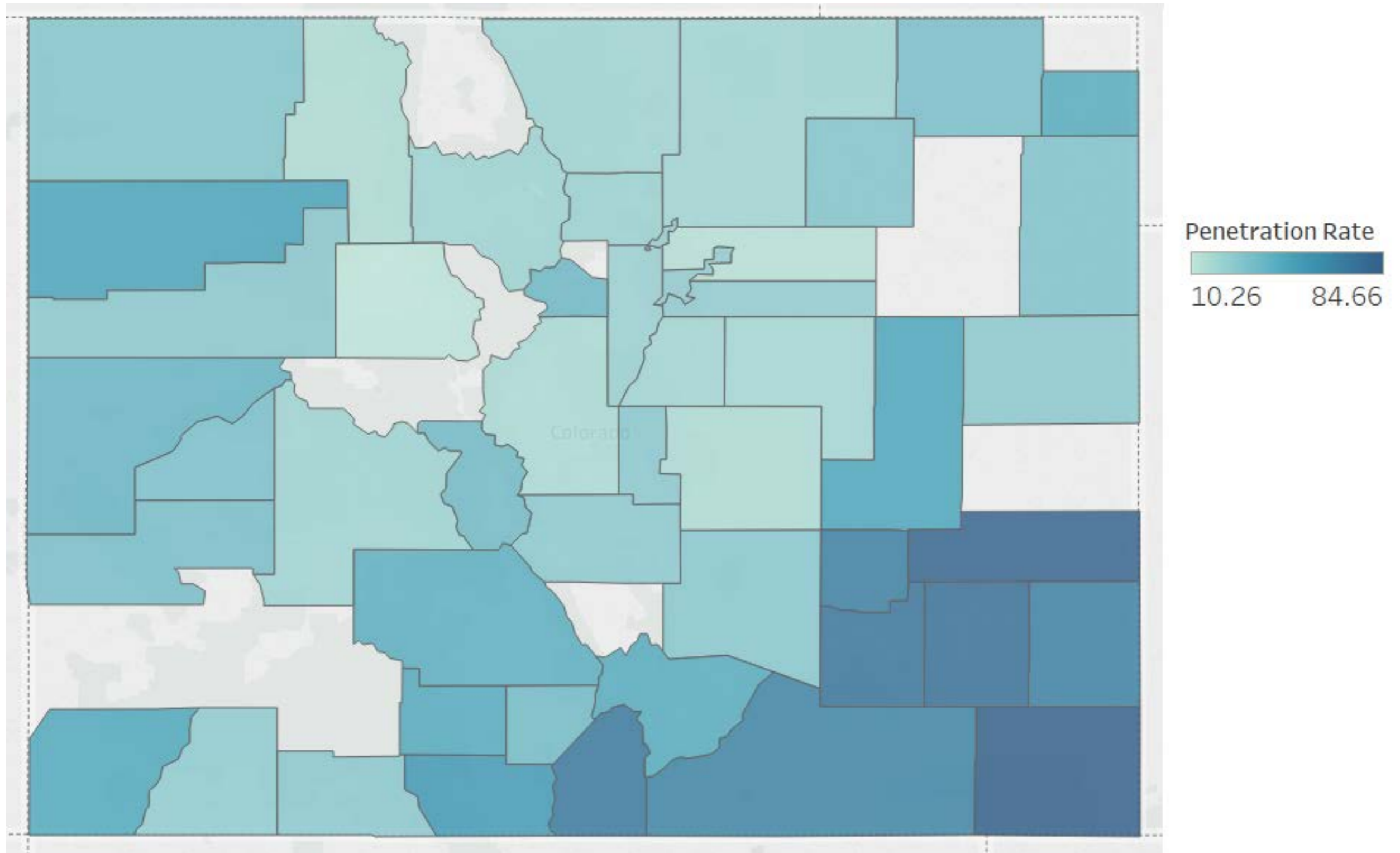
*DRAFT - All Calculations are Preliminary

EBD - Utilizer Density by Member County CY 2019



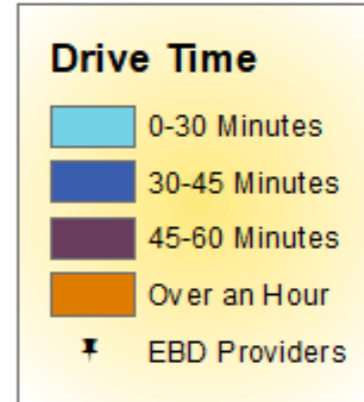
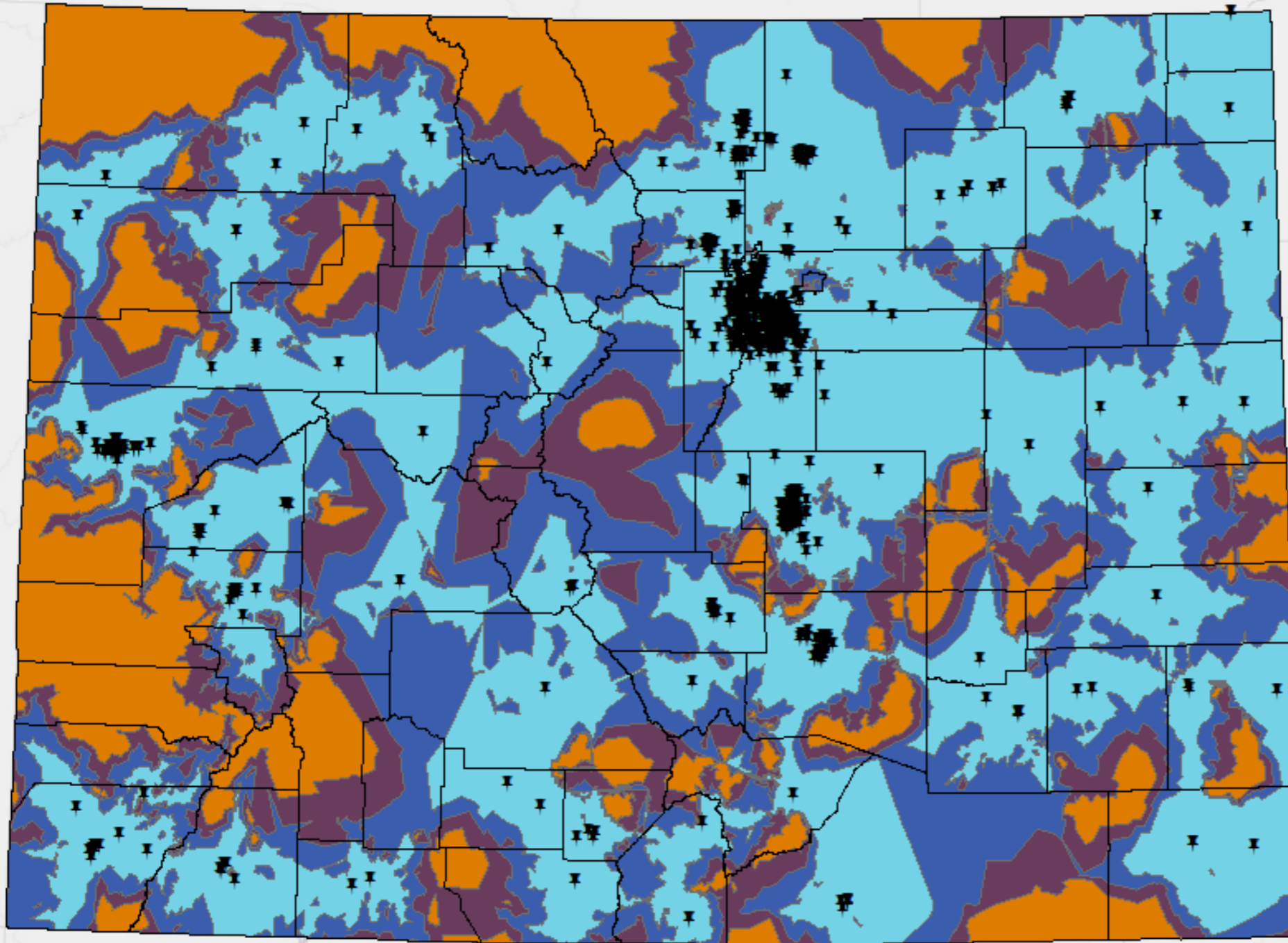
*DRAFT - All Calculations are Preliminary

EBD - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

EBD - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	97.09%
30-45 Minutes	2.06%
45-60 Minutes	0.46%
Over an Hour	0.38%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

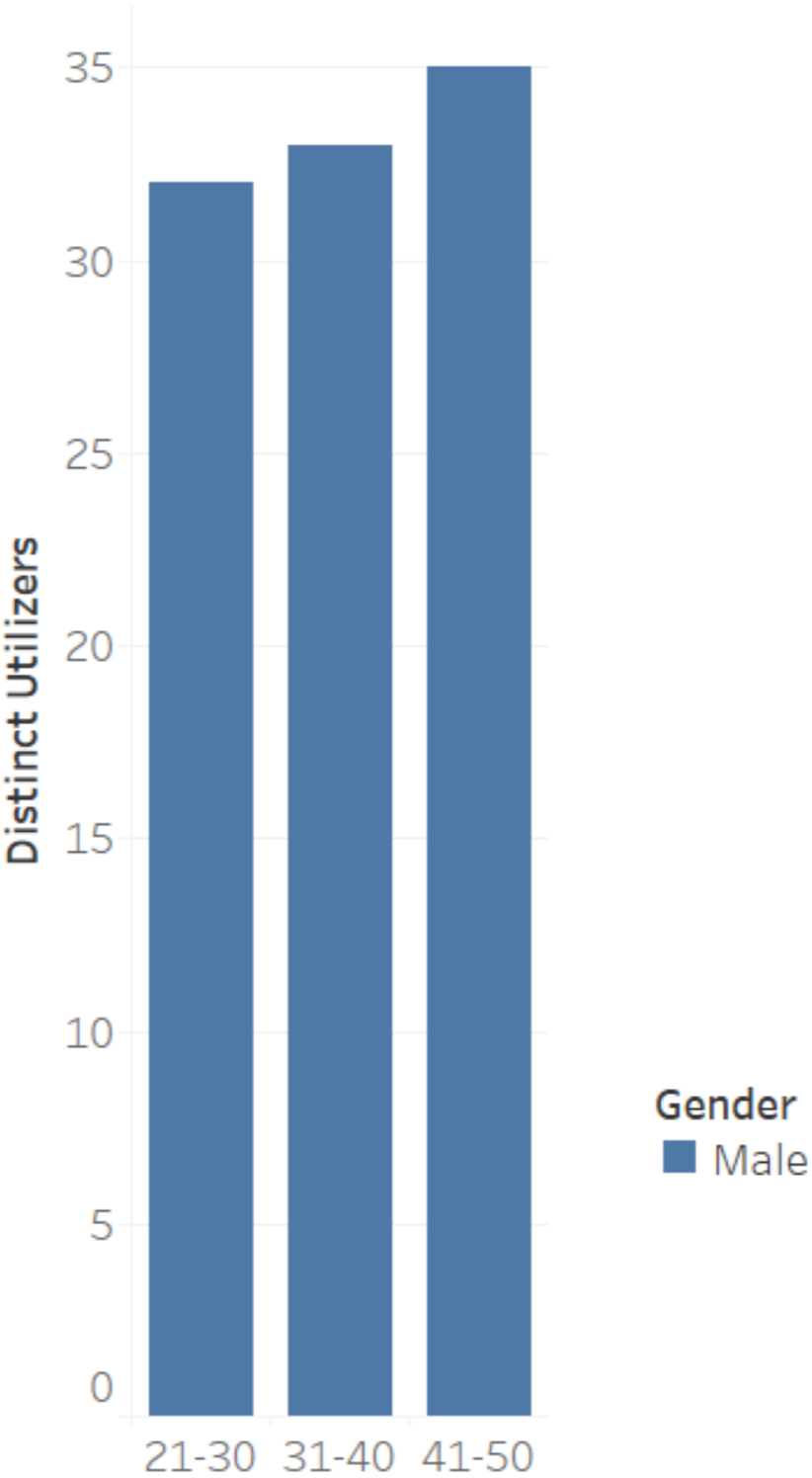
Waiver for Persons with Spinal Cord Injury (SCI)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
264	81	\$7,569,194

Purpose: Provide a home or community-based alternative to nursing facility care for persons with a spinal cord injury.

*DRAFT - All Calculations are Preliminary

SCI - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

SCI - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	H0038	IHSS HEALTH MAINTENANCE PER 15 MIN	289,712	\$2,162,962
2	T1019	PERSONAL CARE SER PER 15 MIN	101,755	\$467,256
3	S5130	HOMEMAKER SERVICE NOS PER 15 MIN	53,349	\$244,973
4	97124	MASSAGE THERAPY	13,655	\$194,643
5	97814	ACUPUNCTURE WITH STIMUL ADDL PER 15 MIN	7,362	\$136,233
6	98942	CHIROPRACTIC MANJ 5 REGIONS	2,876	\$68,470
7	A0130	NONER TRANSPORT WHEELCHAIR VAN	1,620	\$36,232
8	S5105	CENTER BASED ADULT DAY SERVICES PER DIEM	971	\$30,703
9	S5150	UNSKILLED RESPITE CARE PER 15 MIN	979	\$4,874
10	A0120	NONER TRANSPORT MINI-BUS	159	\$3,187

***DRAFT - All Calculations are Preliminary**

SCI - Comparison Methodology

- Average of 6 Other States' Medicaid Rates
 - Large variation in covered benefits across states
 - States Used in 2021 Comparison Analysis: CT, IL, MT, OH, OK, UT
 - States previously used in comparison: CT, OH, OK, UT, MT
 - States added for validity: IL

- Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$7,569,194	\$3,352,626	44.3%

- Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$3,352,626	\$3,410,177	98.3%

*DRAFT - All Calculations are Preliminary

SCI - Rate Comparison Results

SCI Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Adult Day Services	\$42,191	\$40,624	103.86%
Homemaker	\$129,797	\$112,101	115.79%
IHSS Health Maintenance	\$2,183,034	\$2,628,533	83.05%
IHSS Homemaker	\$136,962	\$118,289	115.79%
IHSS Personal Care	\$185,542	\$175,639	105.64%
Non-Medical Transportation (NMT)	\$ 40,513	\$23,595	171.70%
Personal Care	\$323,312	\$306,057	105.64%
Complimentary & Integrative Health Services	\$403,725	\$485,293	83.19%
Respite	\$9,894	\$8,357	118.39%
Benchmark Total	\$3,454,973	\$3,898,487	88.6%

***DRAFT - All Calculations are Preliminary**

SCI - Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	94.4%
IL	93.0%
MT	81.1%
OH	92.1%
OK	95.2%
UT	84.1%
Other States' Average	88.6%

*DRAFT - All Calculations are Preliminary

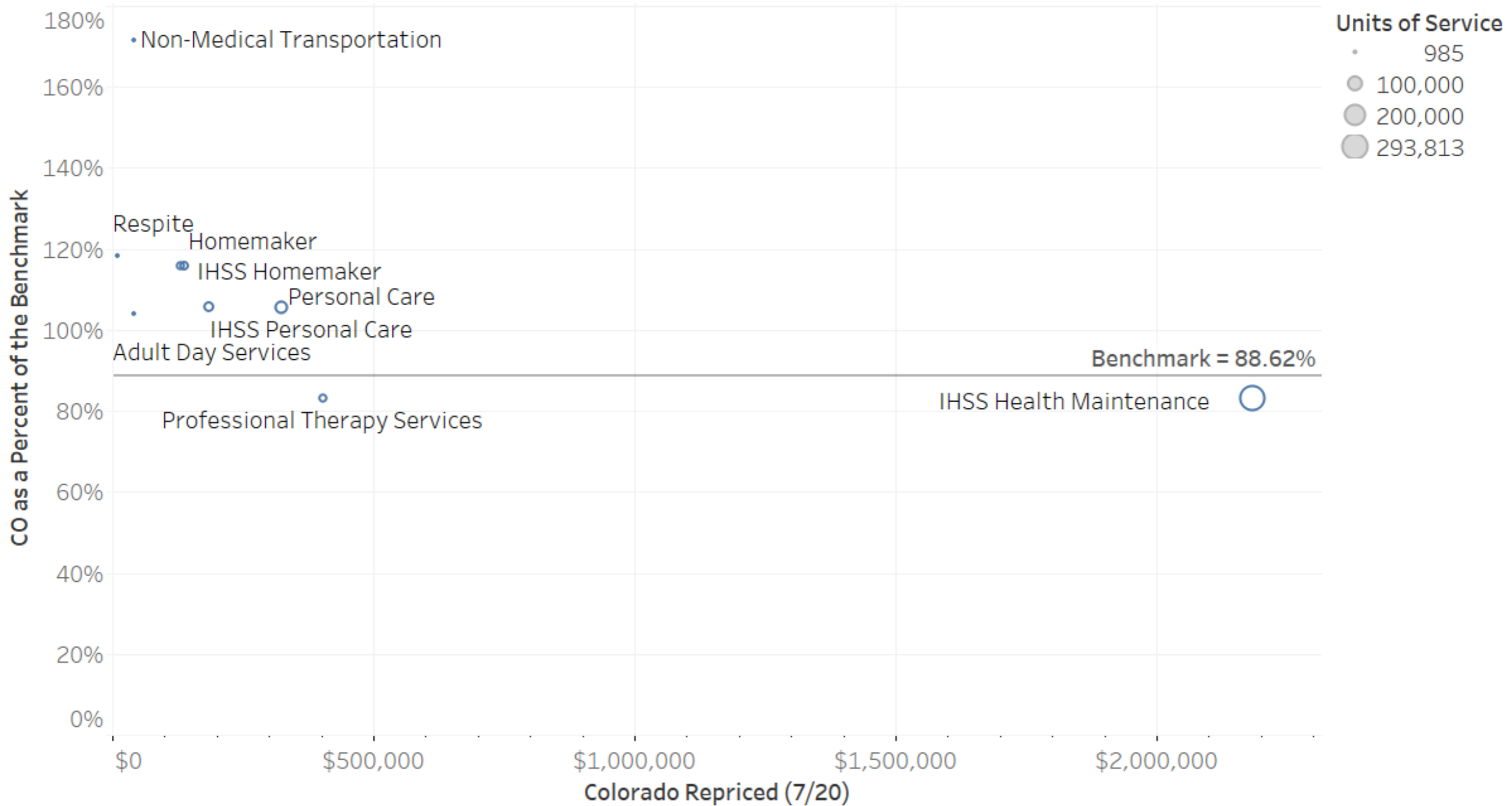
SCI - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in FY 2018-19 it would have had an estimated total fund fiscal impact of **\$443,514**.

SCI Comparison Results	
Colorado as a Percentage of Benchmark	88.6%
Colorado Repriced Amount	\$3,454,973
Benchmark Repriced Amount	\$3,898,487
Est. FY 2018-19 Total Fund Impact	\$443,514

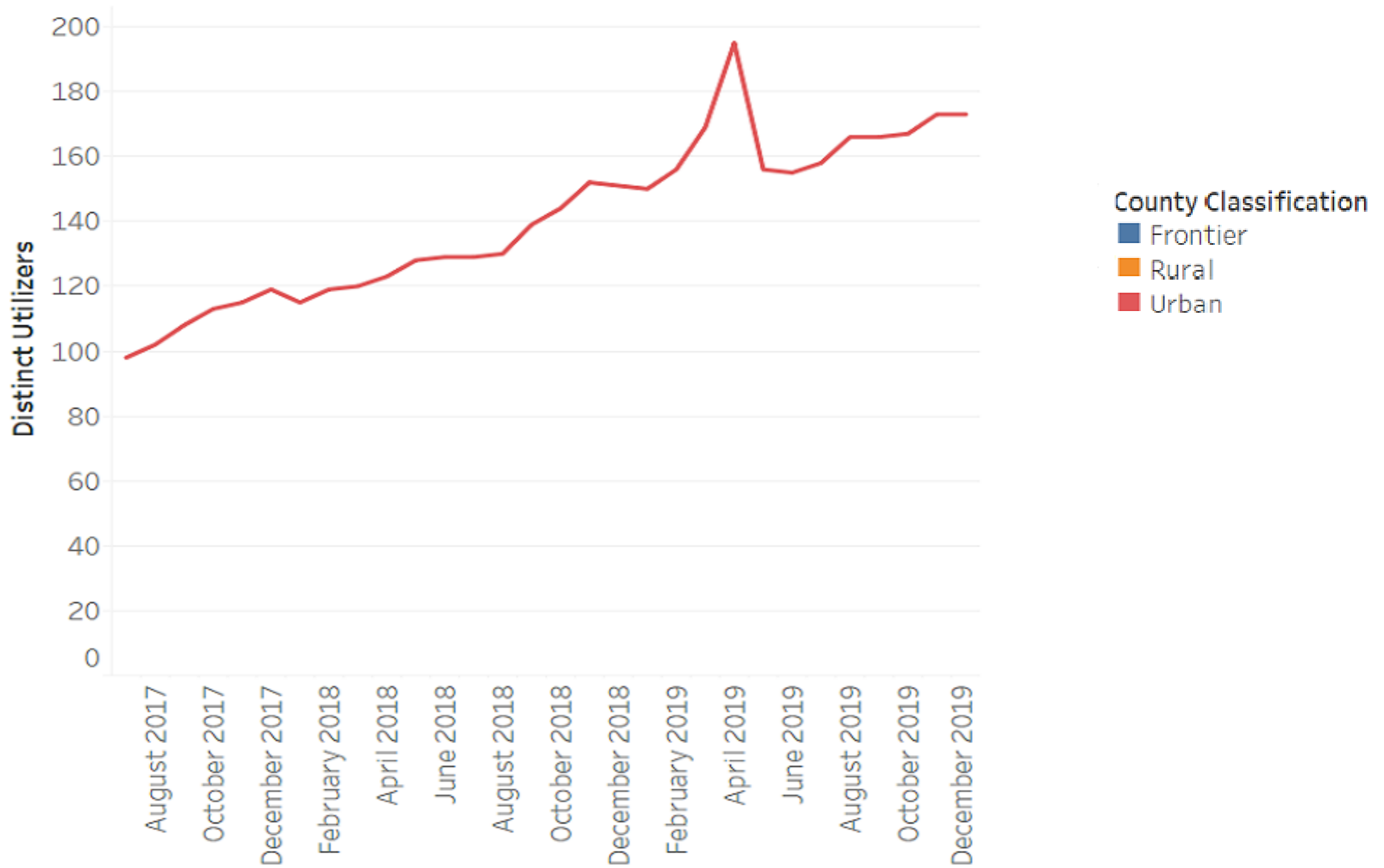
***DRAFT - All Calculations are Preliminary**

SCI - Scatterplot CY 2019



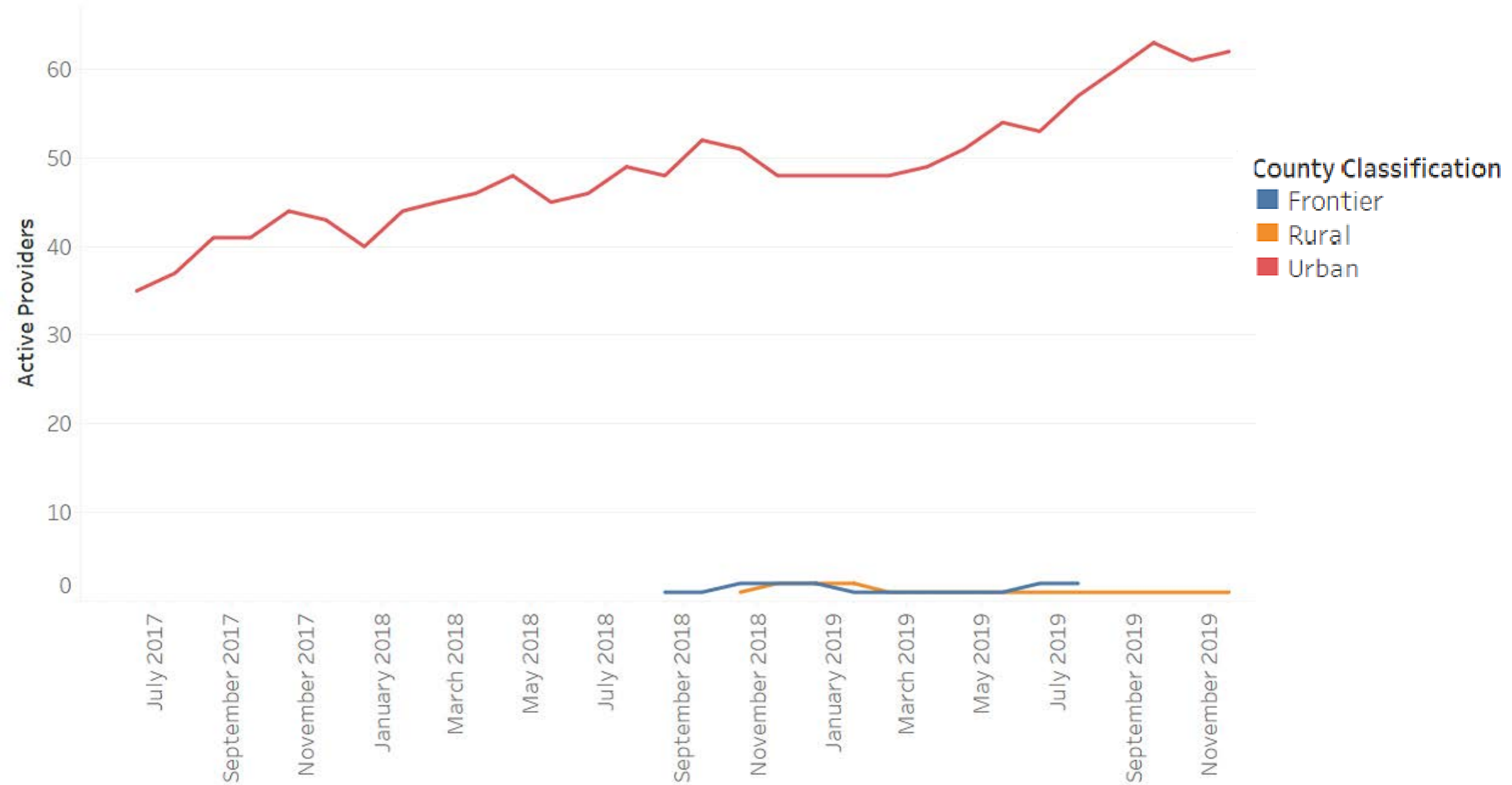
*DRAFT - All Calculations are Preliminary

SCI - Distinct Utilizers Over Time



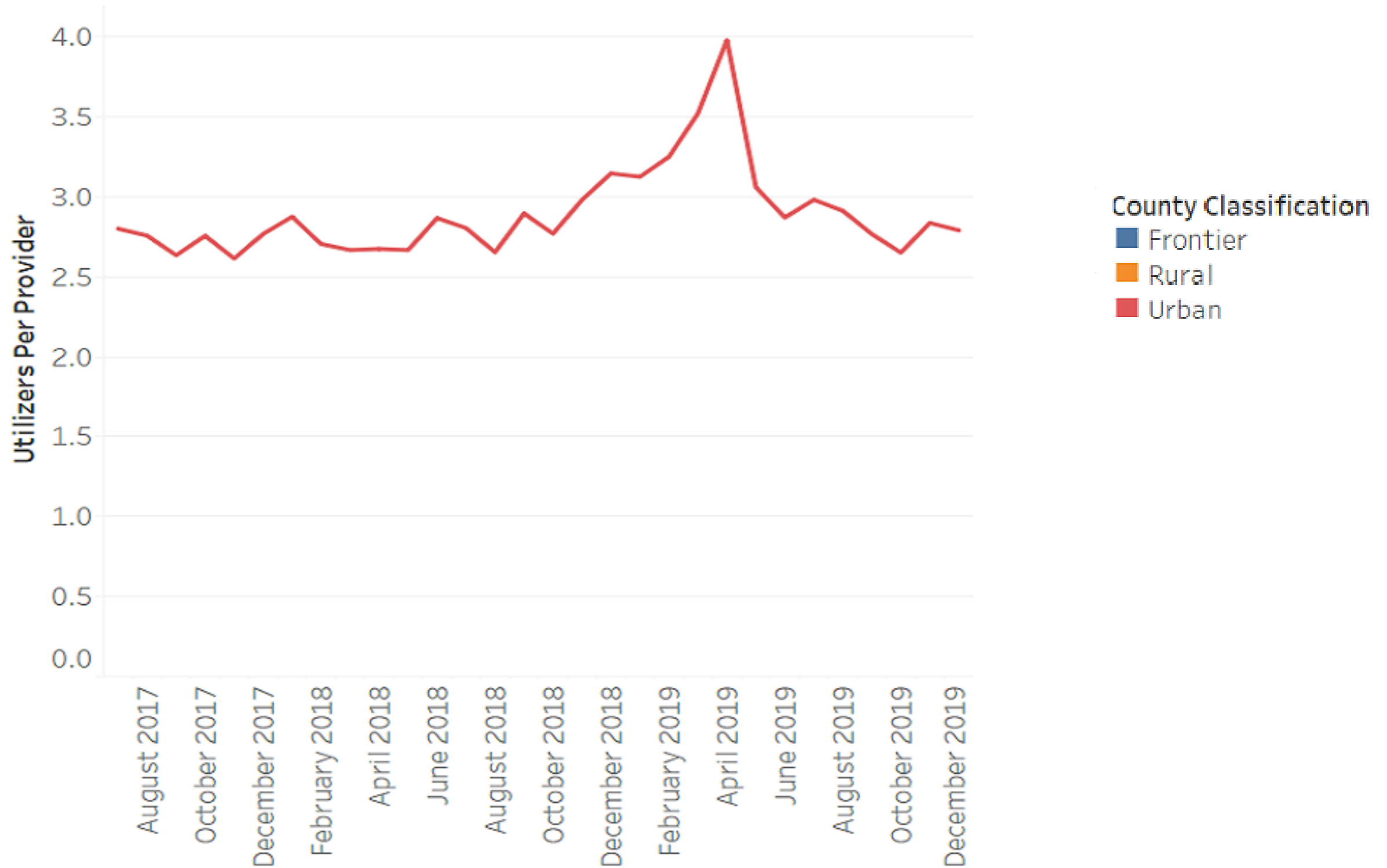
*DRAFT - All Calculations are Preliminary

SCI - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

SCI - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

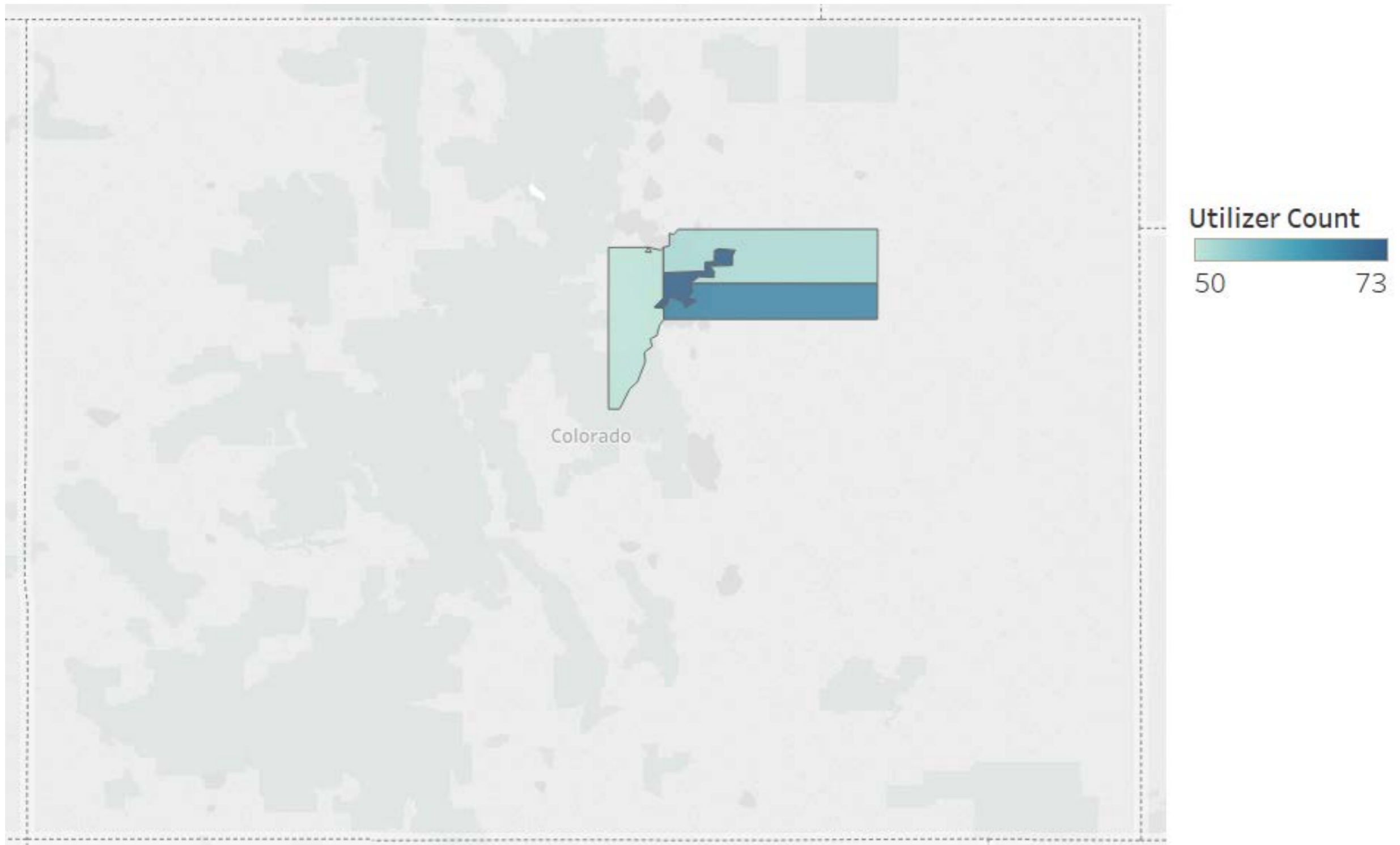
SCI - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 SCI Providers	CY 2019 Health First Colorado Total Members ages 21+	Providers per 1,000 Members
Frontier	4	28,627	0.14
Rural	2	103,384	0.02
Urban	81	757,474	0.11
Statewide	81	889,962	0.09

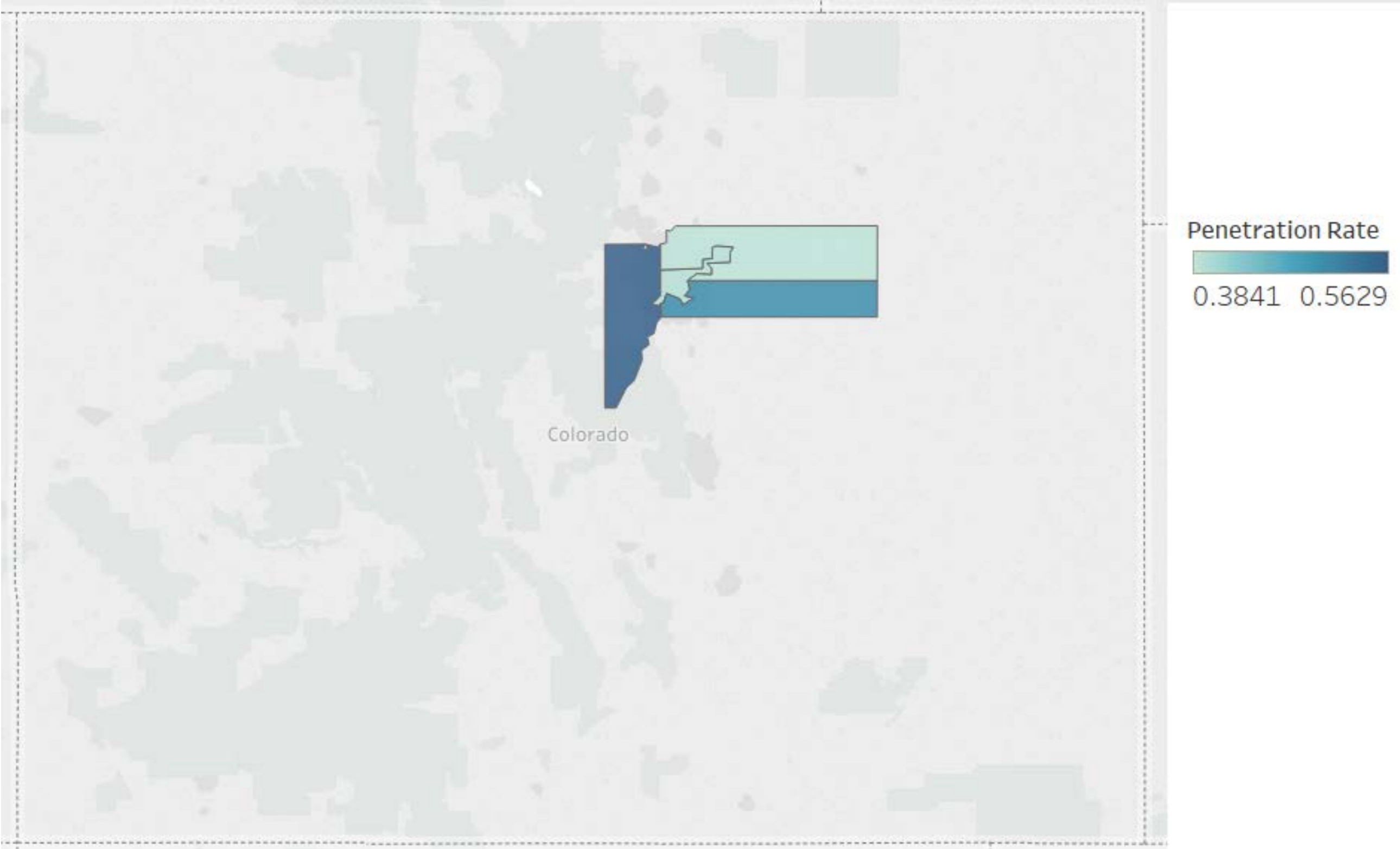
*DRAFT - All Calculations are Preliminary

SCI - Utilizer Density by Member County CY 2019



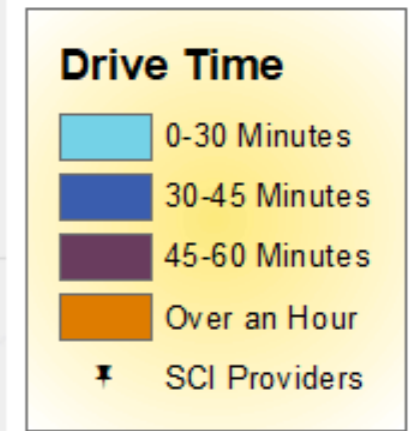
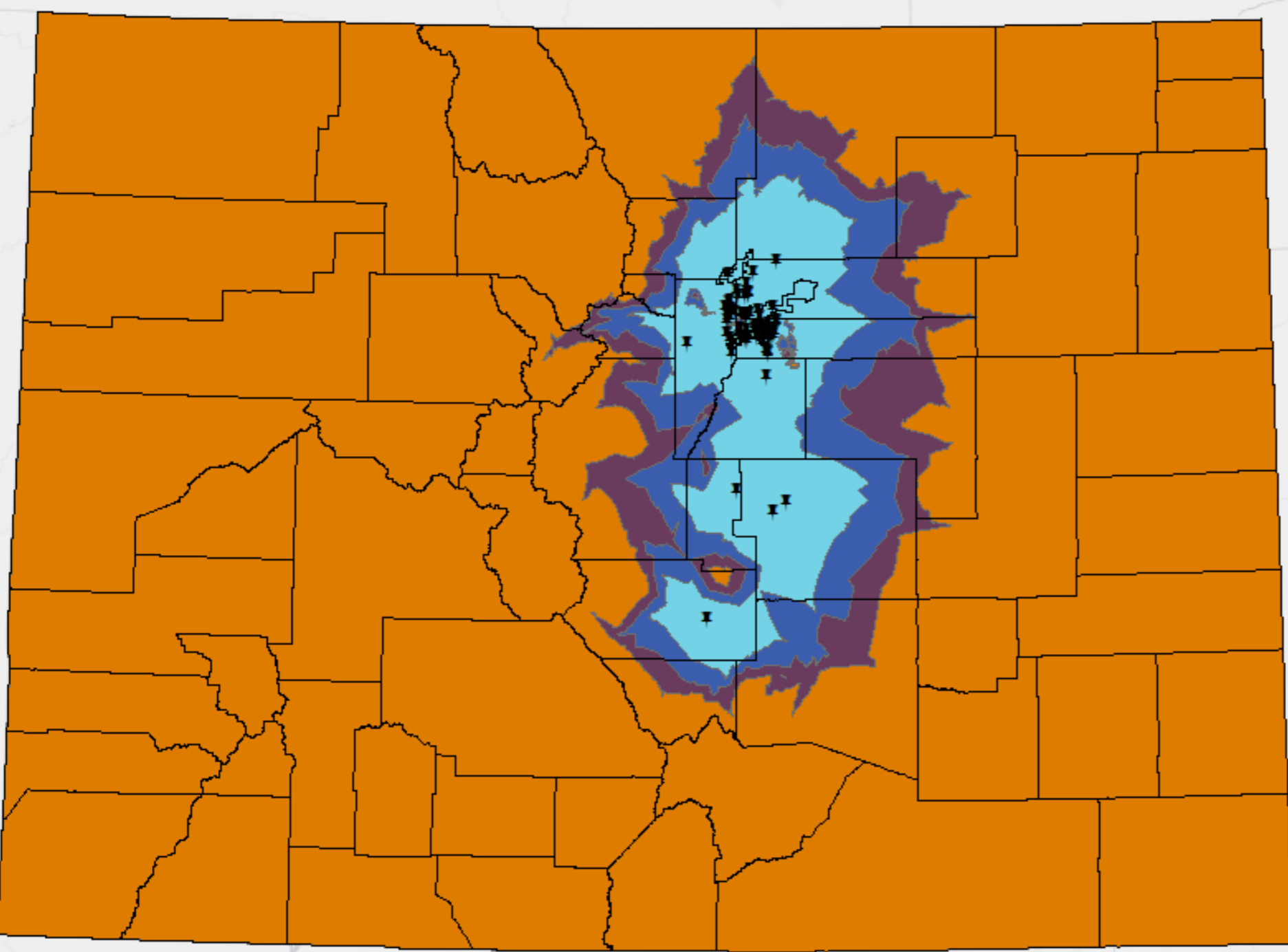
*DRAFT - All Calculations are Preliminary

SCI - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

SCI - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	64.61%
30-45 Minutes	13.64%
45-60 Minutes	5.37%
Over an Hour	16.38%
Total	100%

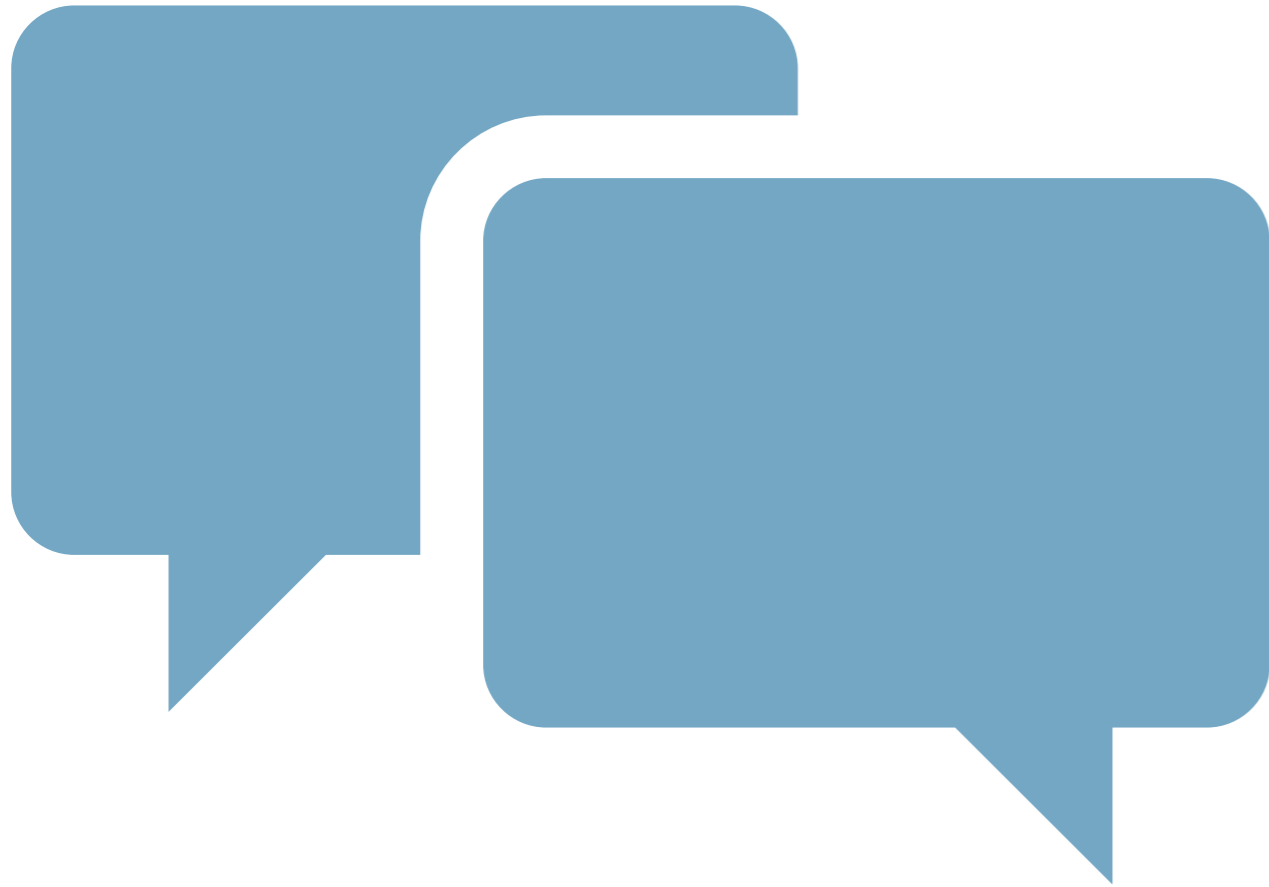
*DRAFT - All Calculations are Preliminary



Questions?



Stakeholder Comments



Committee Discussion

Children's Waivers

CLLI, CES, CHRP, CHCBS

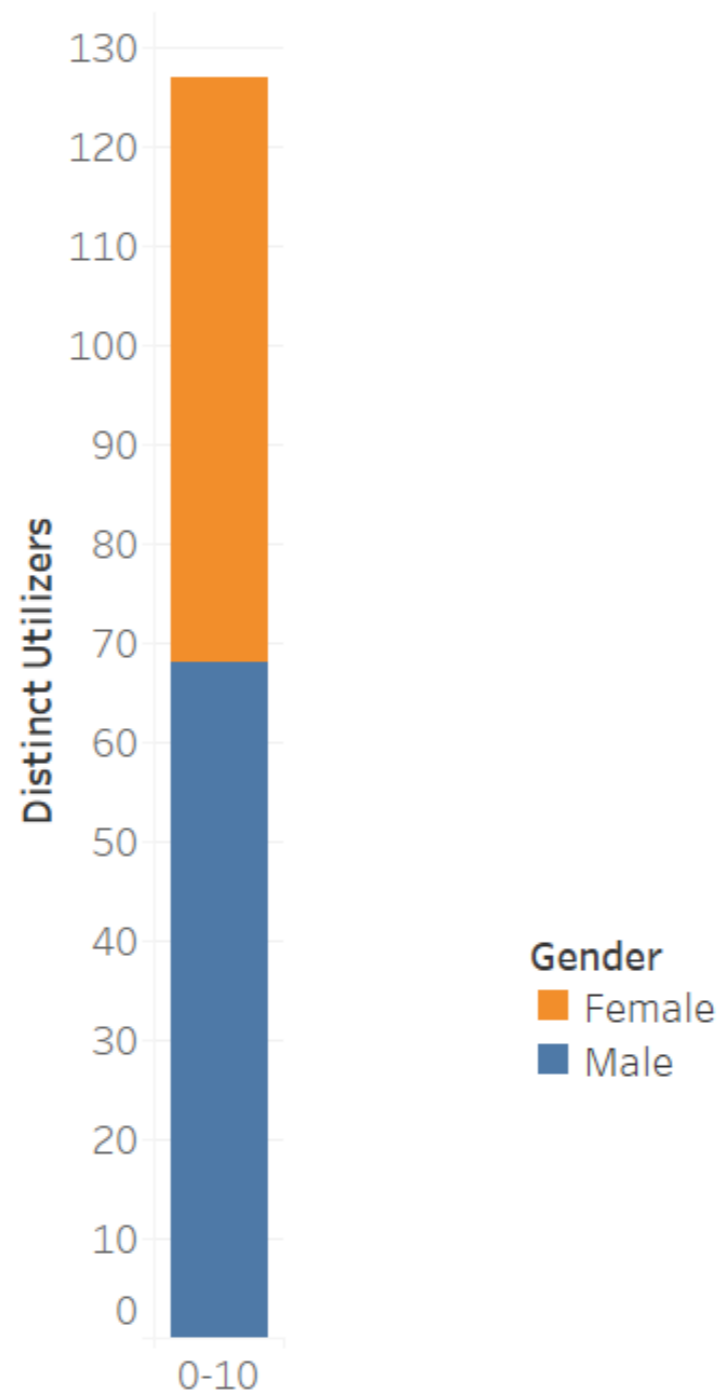
Children with Life Limiting Illness Waiver (CLLI)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars
180	13	\$649,956

Purpose: Provide Health First Colorado benefits in the home for children with a life-limiting illness and to allow the family to seek curative treatment while the child is receiving palliative or hospice care.

*DRAFT - All Calculations are Preliminary

CLLI Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

CLLI - Top Paid Codes CY 2019

Rank	Procedure Code	Procedure Code Description	Count of Utilizers	Paid Amount
1	S0257	END OF LIFE COUNSELING	8,968	\$250,812
2	H2032	ACTIVITY THERAPY, PER 15 MIN	11,955	\$193,569
3	97124	MASSAGE THERAPY	5,752	\$104,345
4	S9123	NURSING CARE IN HOME RN	429	\$33,202
5	S5151	UNSKILLED RESPITECARE /DIEM	279	\$27,781
6	G9012	OTHER SPECIFIED CASE MGMT	1,050	\$21,728
7	S9125	RESPITE CARE, IN THE HOME, PER DIEM	51	\$11,801
8	T1005	RESPITE CARE SERVICE 15 MIN	360	\$4,718
9	S5150	UNSKILLED RESPITE CARE /15M	373	\$1,993

*DRAFT - All Calculations are Preliminary

CLLI - Comparison Methodology

- Compared to 7 Other States' Medicaid
 - Used average of Other States' Medicaid
 - States used in 2021 comparison: IL, MT, ND, OH, OK, UT, WI
 - States used in previous comparison: CT, MT, ND, OH, OK, UT
 - States added for validity: IL, WI

• Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$649,956	\$617,162	95.00%

• Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$617,162	\$620,899	99.4%

***DRAFT - All Calculations are Preliminary**

CLLI - Rate Comparison Results

CLLI Waiver Services	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Care Coordination	\$21,728	\$31,085	69.90%
Pain & Symptom Management	\$33,488	\$23,645	141.63%
Professional Therapy Services	\$516,660	\$472,973	109.24%
Respite	\$46,474	\$54,727	84.92%
Benchmark Total	\$618,350	\$582,429	106.2%

*DRAFT - All Calculations are Preliminary

CLLI - Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
IL	58.4%
MT	84.6%
ND	100.4%
OH	286.0%
OK	97.8%
UT	64.6%
WI	134.9%
Other States' Average	106.2%

*DRAFT - All Calculations are Preliminary

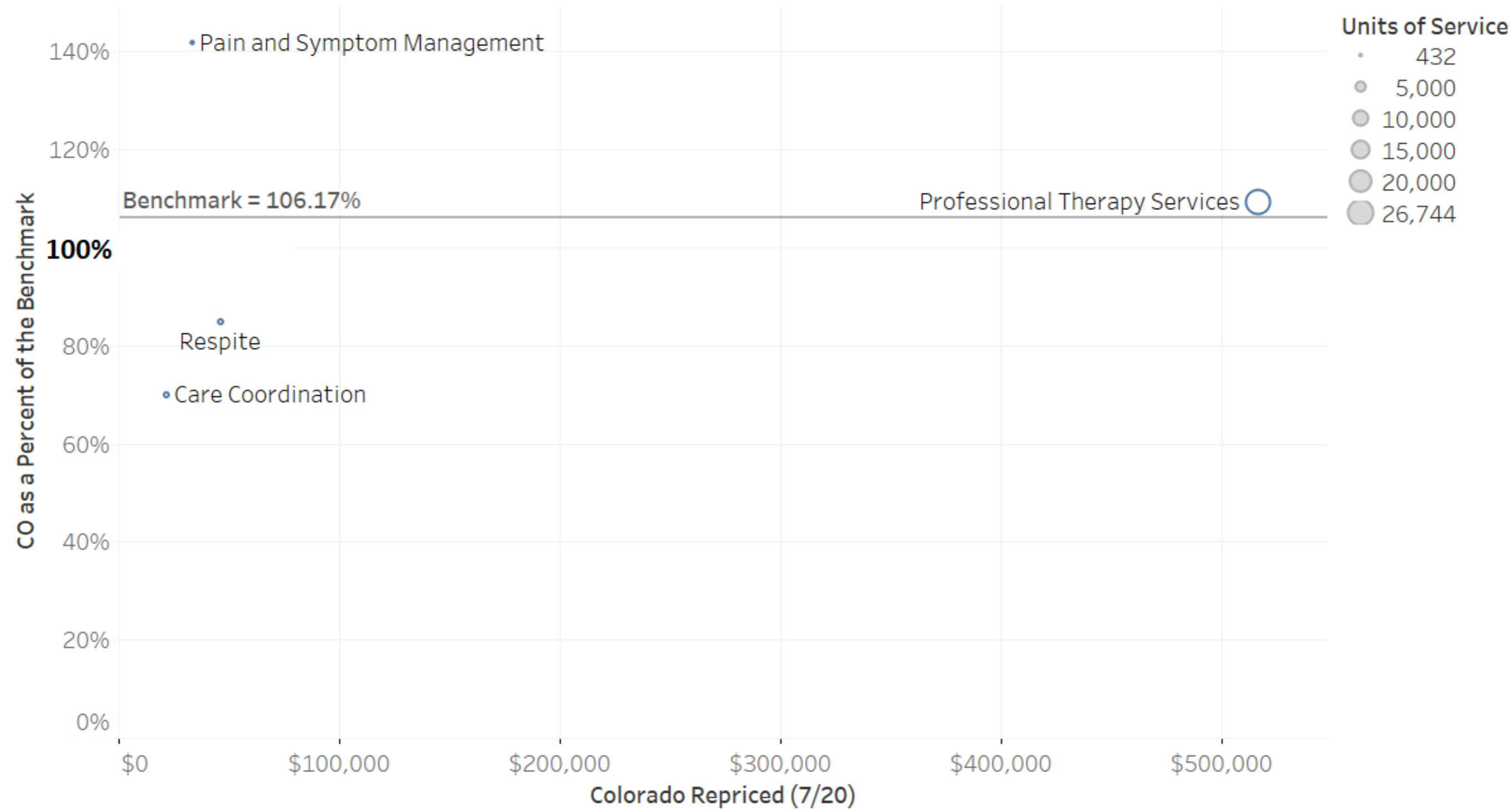
CLLI - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$(35,921)**.

CLLI Comparison Results	
Colorado as a Percentage of Benchmark	106.2%
Colorado Repriced Amount	\$618,350
Benchmark Repriced Amount	\$582,429
Est. CY 2019 Total Fund Impact	\$(35,921)

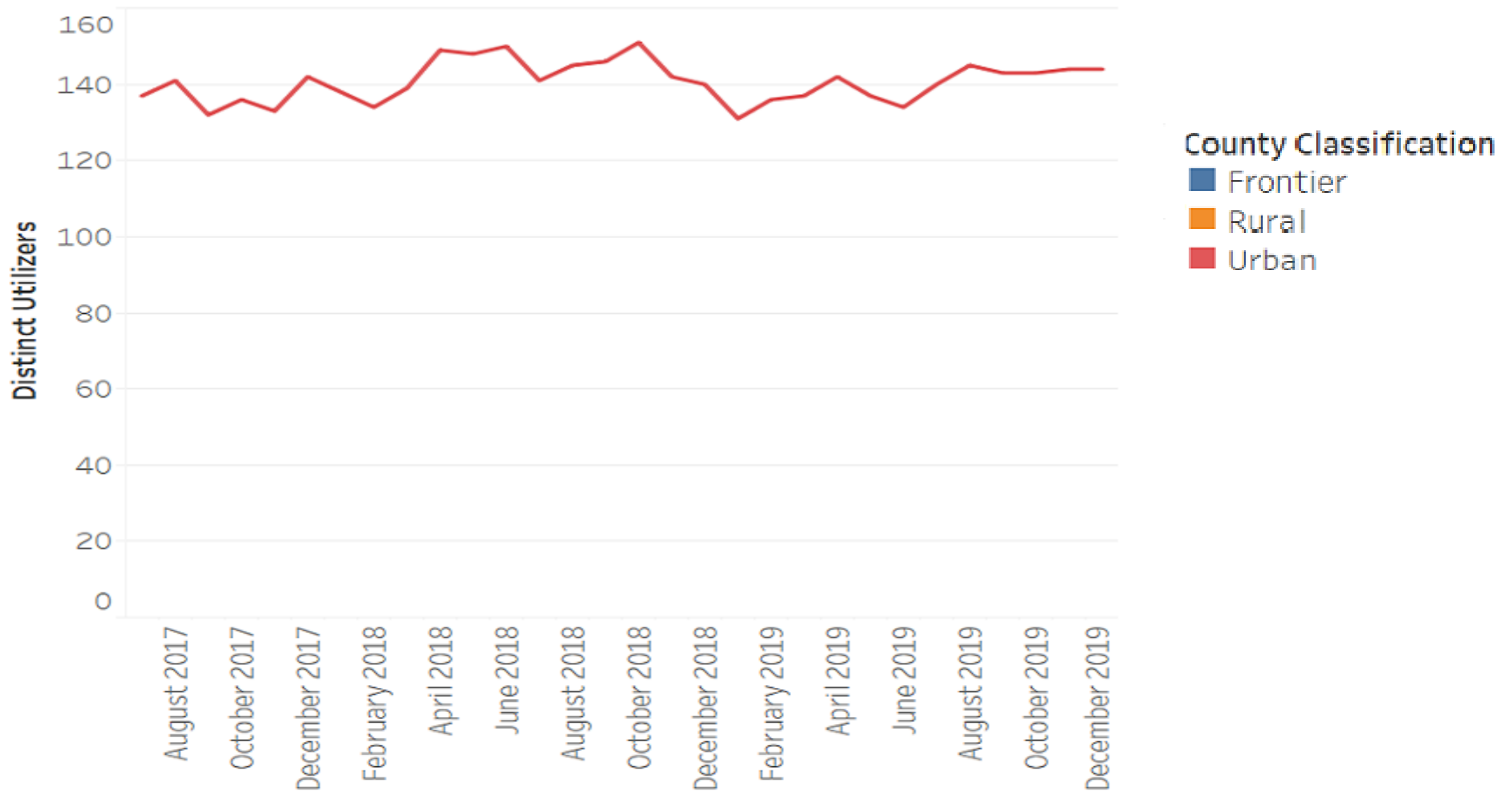
***DRAFT - All Calculations are Preliminary**

CLLI - Scatterplot CY 2019



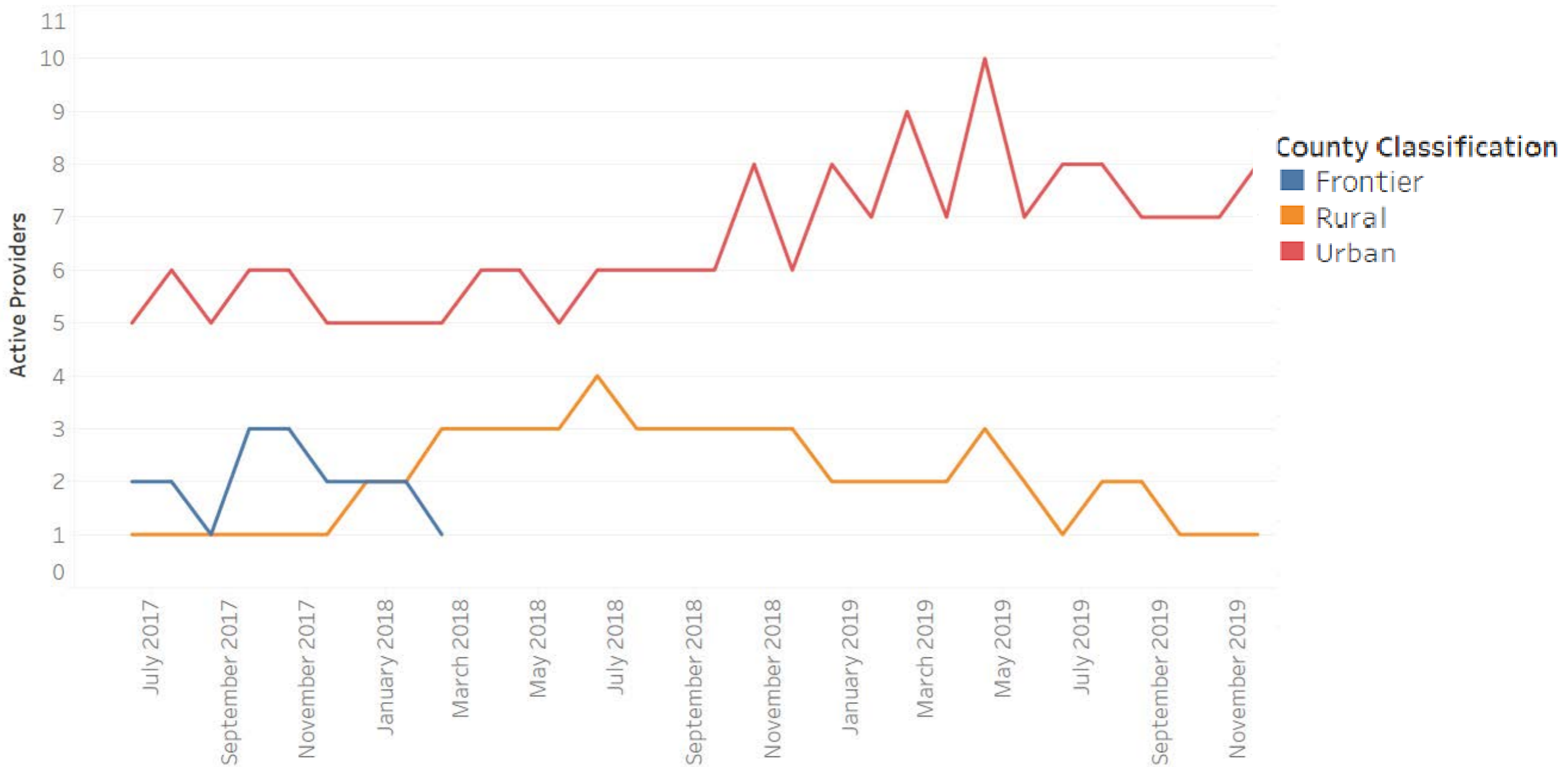
*DRAFT - All Calculations are Preliminary

CLLI - Distinct Utilizers Over Time



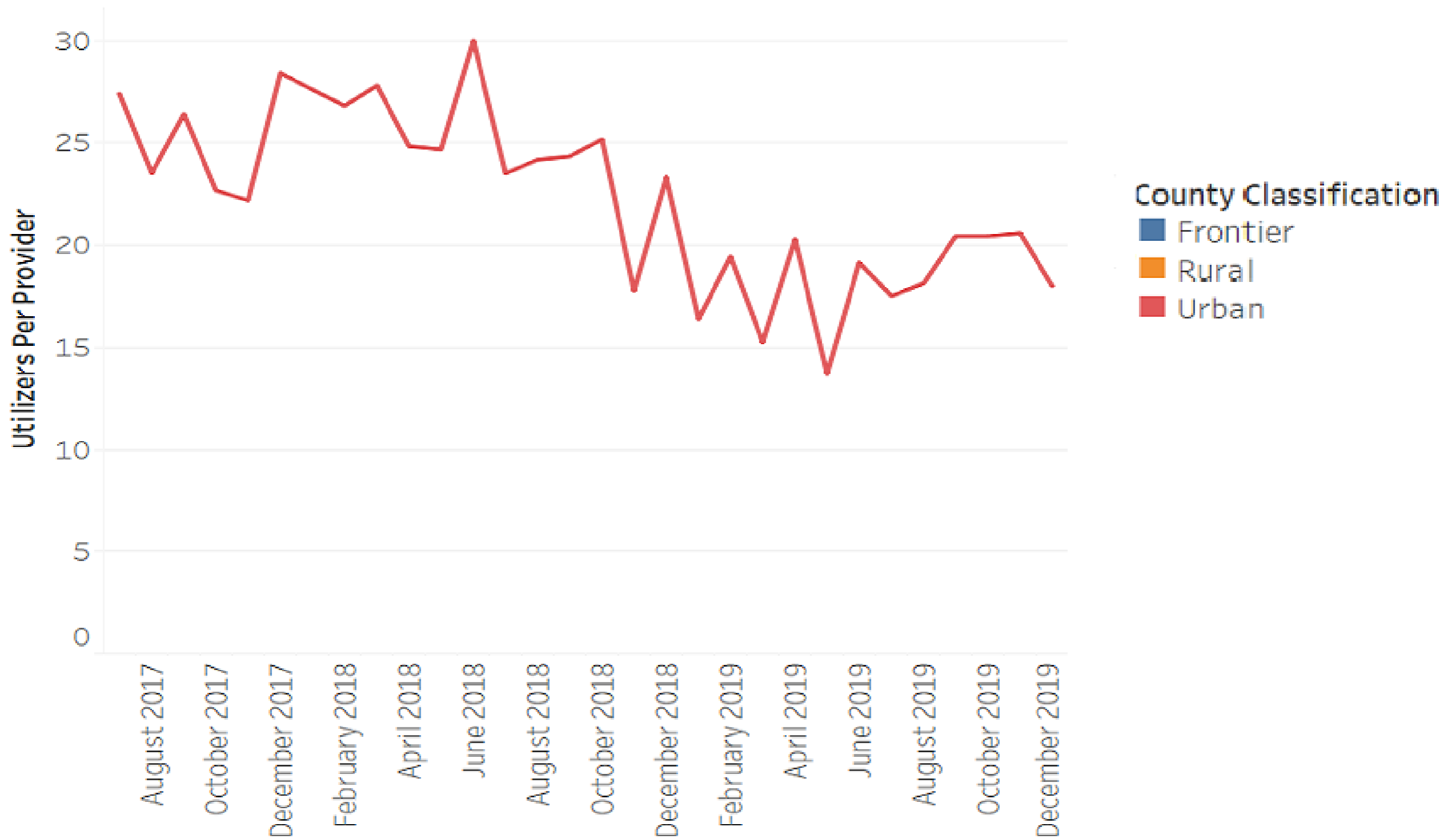
*DRAFT - All Calculations are Preliminary

CLLI - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

CLLI - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

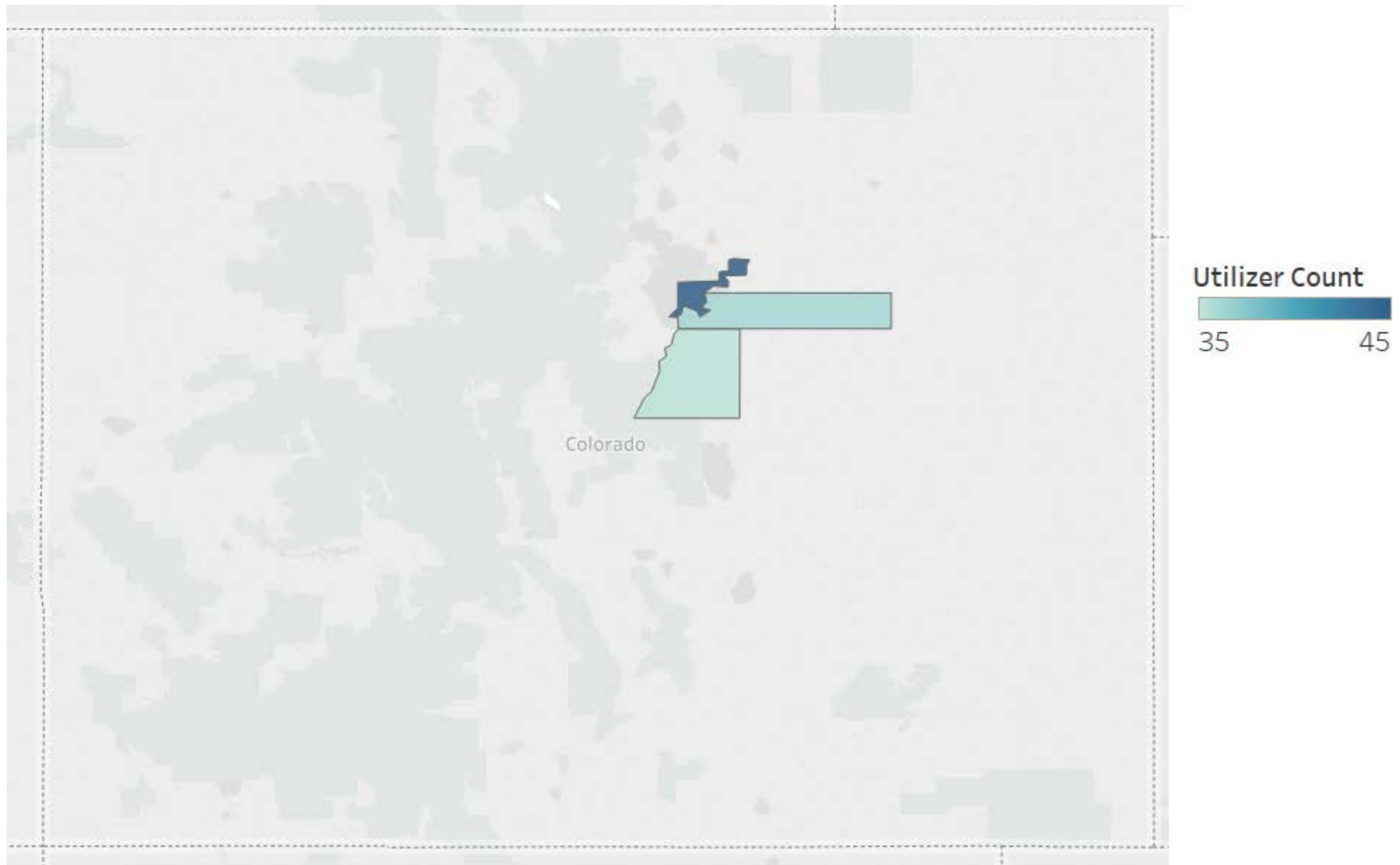
CLLI - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 CLLI Providers	CY 2019 Total Health First Colorado Members Ages 0-20	Providers per 1,000 Members
Frontier	0	17,025	NULL
Rural	4	67,595	0.06
Urban	12	541,874	0.02
Statewide	13	626,753	.02

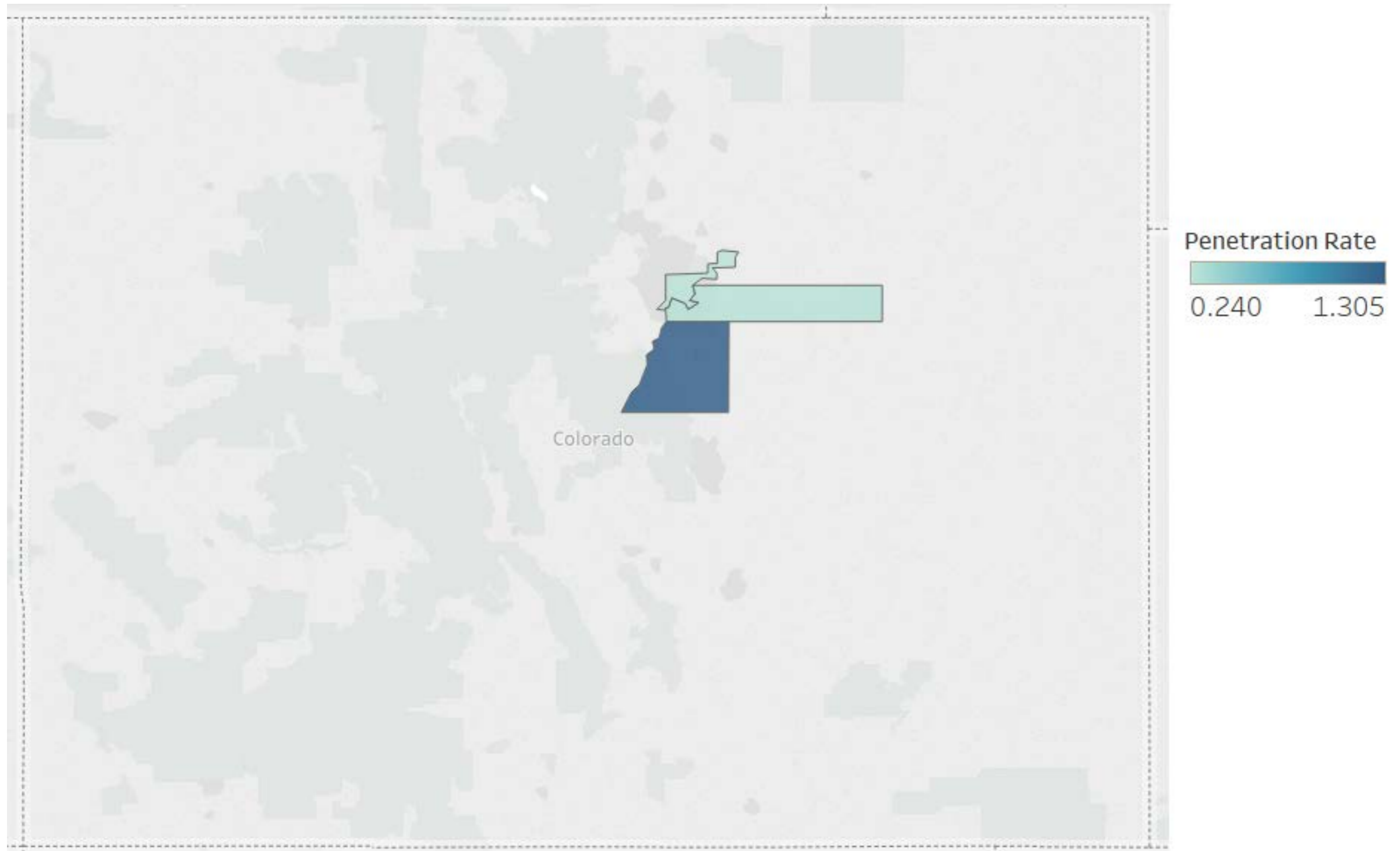
*DRAFT - All Calculations are Preliminary

CLLI - Utilizer Density by Member County CY 2019



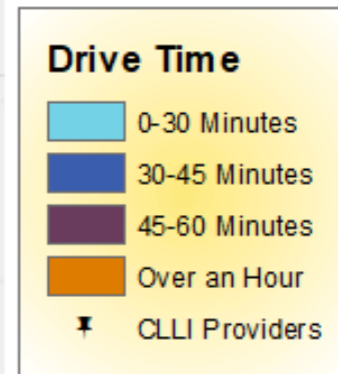
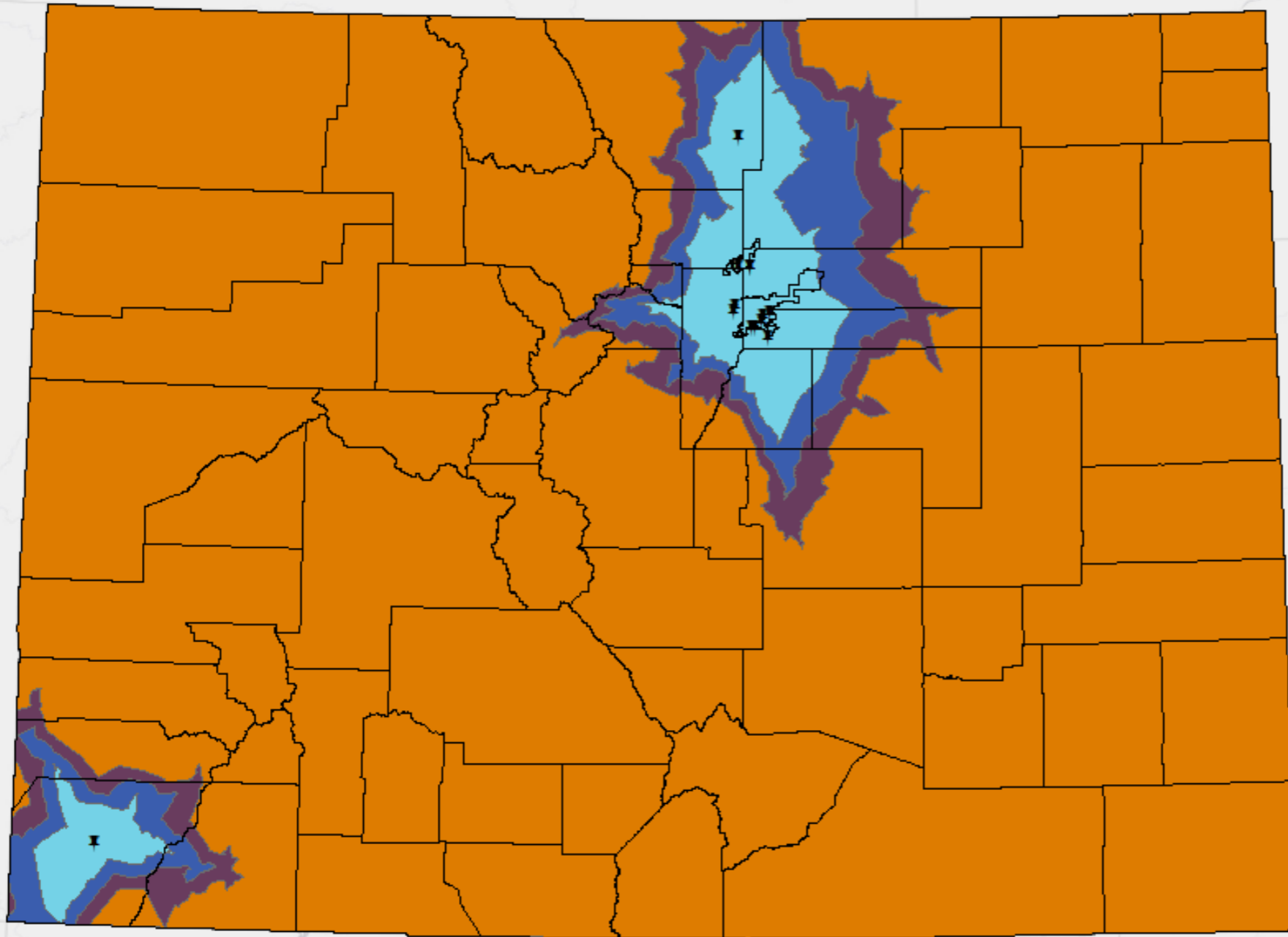
*DRAFT - All Calculations are Preliminary

CLLI - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

CLLI - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	60.46%
30-45 Minutes	3.41%
45-60 Minutes	12.24%
Over an Hour	23.89%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

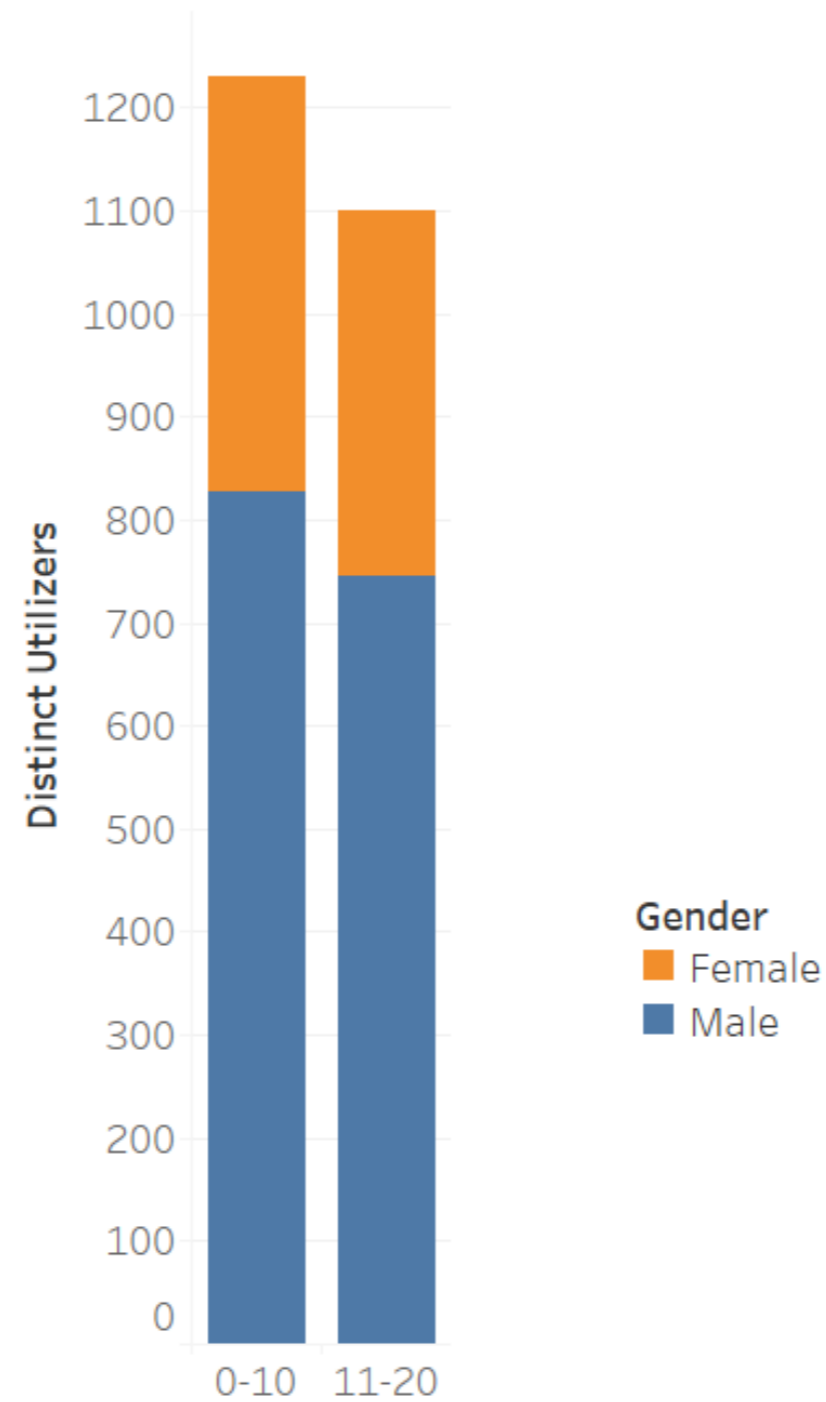
Children's Extensive Support Waiver (CES)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
2,199	183	\$26,413,389

Purpose: Provide Health First Colorado benefits in the home or community for children with developmental disabilities or delays who are most in need due to the severity of their disability.

*DRAFT - All Calculations are Preliminary

CES - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

CES - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	S5150	UNSKILLED RESPITE CARE PER 15 MIN	1,556,615	\$8,278,807
2	H2021	COMMUNITY CONNECTOR WRAP-AROUND SVC 15 MIN	704,883	\$6,341,607
3	S5130	HOMEMAKER SERVICE NOS PER 15 MIN	603,494	\$3,208,652
4	G0176	OPPS/PHP; ACTIVITY THERAPY	113,459	\$2,275,791
5	97124	MASSAGE THERAPY	91,498	\$1,753,690
6	S5151	UNSKILLED RESPITE CARE PER DIEM	3,241	\$669,349
7	S8940	HIPPOTHERAPY PER SESSION	10,512	\$223,061

*DRAFT - All Calculations are Preliminary

CES - Comparison Methodology

- Compared to 7 Other States' Medicaid
 - Used average of Other States' Medicaid
 - States used in 2021 comparison: IL, MT, ND, OH, OK, UT, WI
 - States used in previous comparison: CT, MT, OH, OK, UT
 - States added for validity: IL, ND, WI

• Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$26,431,389	\$22,750,957	86.9%

• Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$22,750,957	\$22,973,757	99.0%

***DRAFT - All Calculations are Preliminary**

CES – Rate Comparison Results

CES Waiver Service	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Community Connector	\$6,467,423	\$2,530,937	255.53%
Homemaker	\$ 3,528,952	\$2,522,170	139.92%
Professional Therapy Services	\$4,284,289	\$4,035,425	106.17%
Respite	\$9,608,504	\$9,132,503	105.21%
Benchmark Total	\$23,889,168	\$18,221,035	131.1%

*DRAFT – All Calculations are Preliminary

CES - Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
IL	68.2%
MT	105.2%
ND	121.2%
OH	211.1%
OK	148.9%
UT	97.4%
WI	126.1%
Other States' Average	131.1%

***DRAFT - All Calculations are Preliminary**

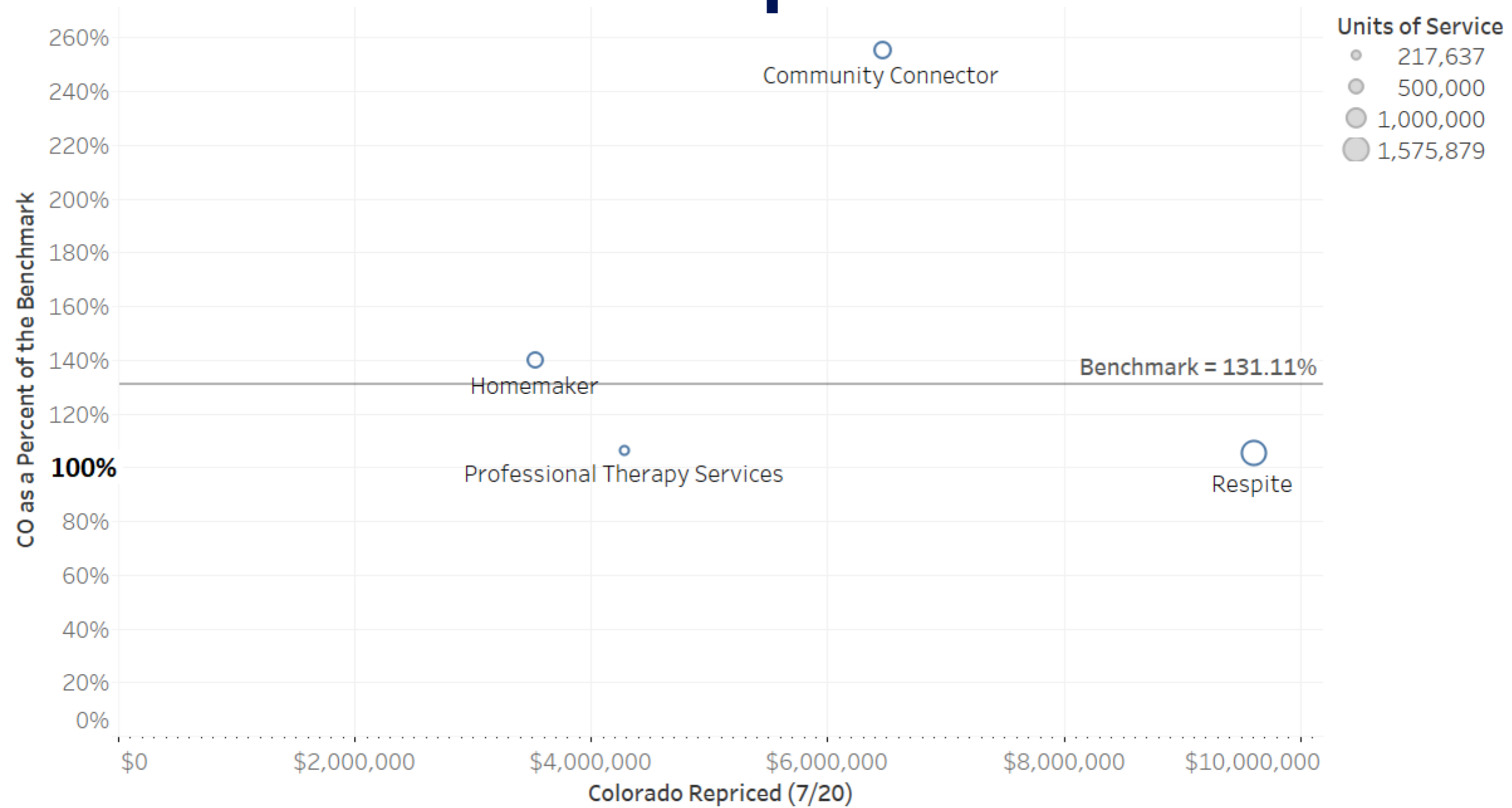
CES - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$(5,668,133)**.

CES Comparison Results	
Colorado as a Percentage of Benchmark	131.1%
Colorado Repriced Amount	\$23,889,168
Benchmark Repriced Amount	\$18,221,035
Est. CY 2019 Total Fund Impact	\$(5,668,133)

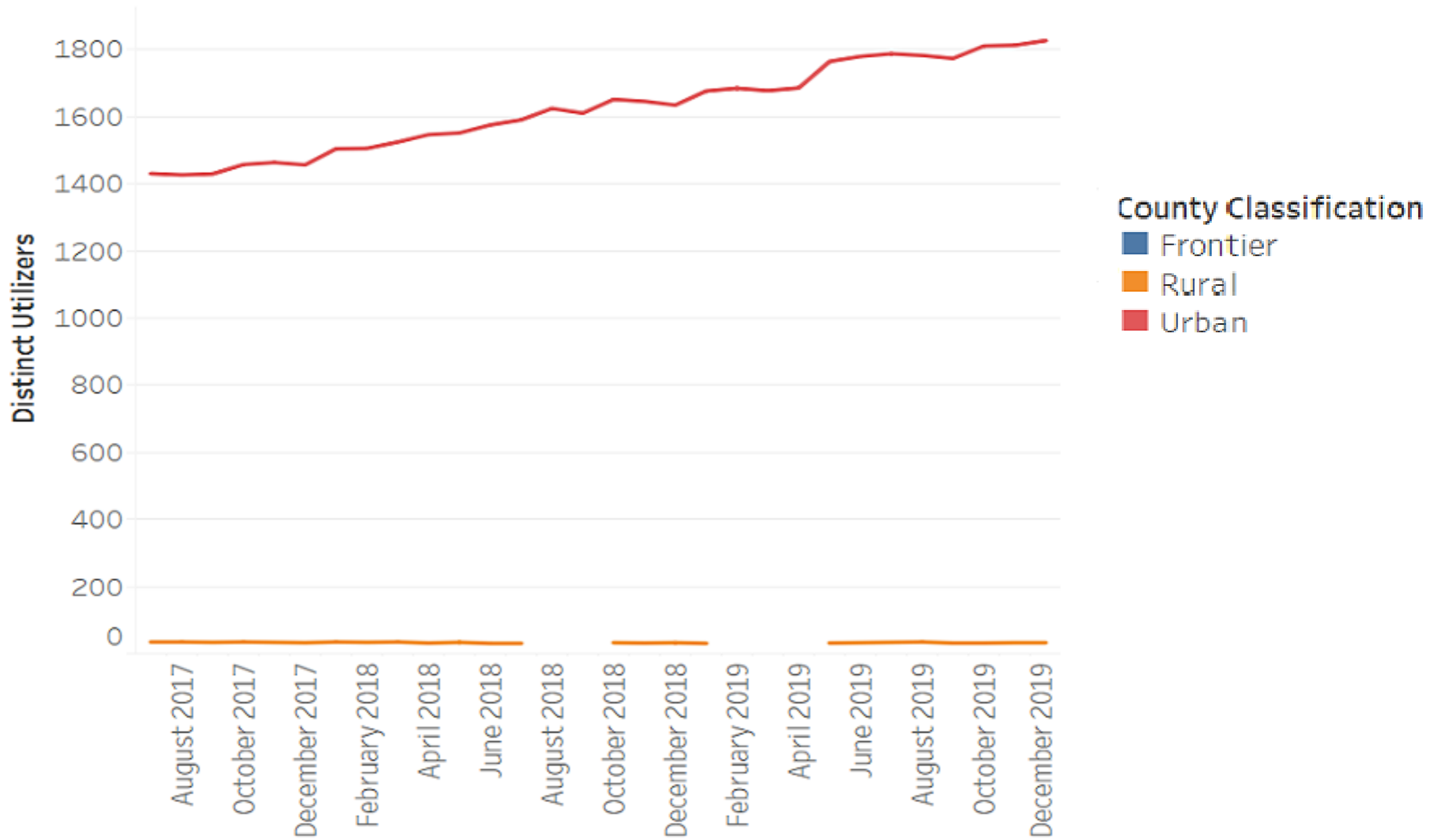
*DRAFT - All Calculations are Preliminary

CES - Scatterplot CY 2019



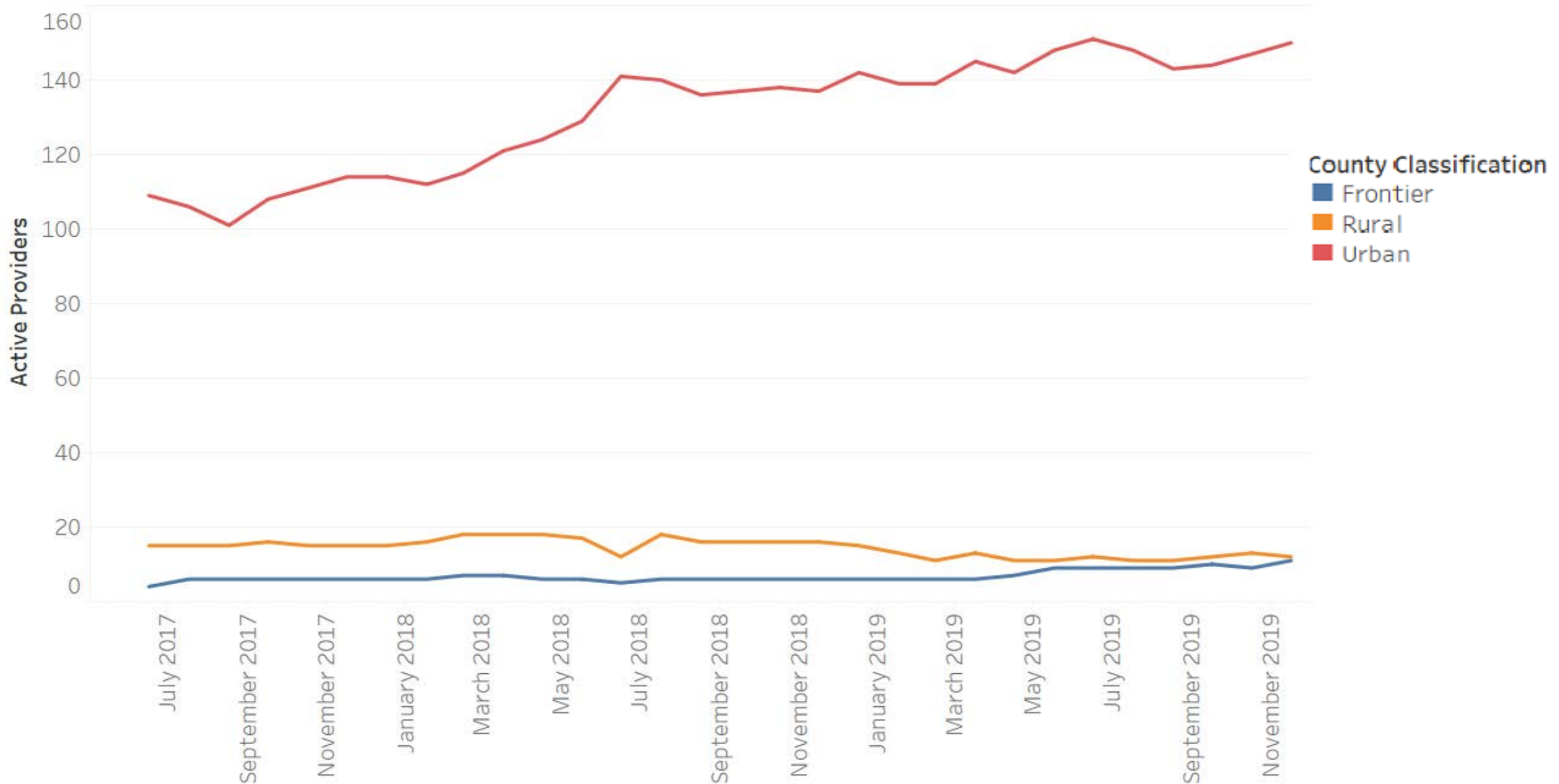
*DRAFT - All Calculations are Preliminary

CES - Distinct Utilizers Over Time



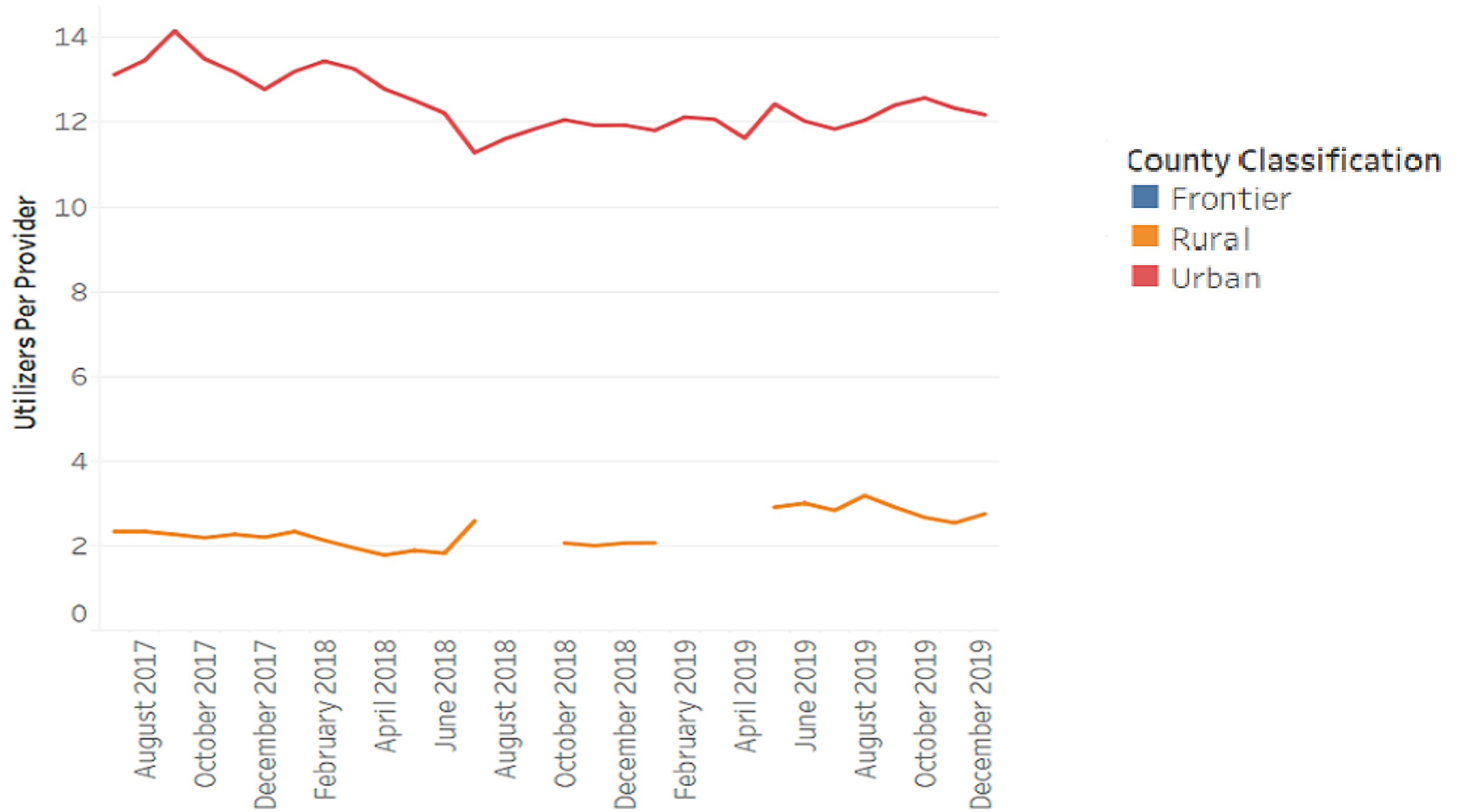
*DRAFT - All Calculations are Preliminary

CES - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

CES - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

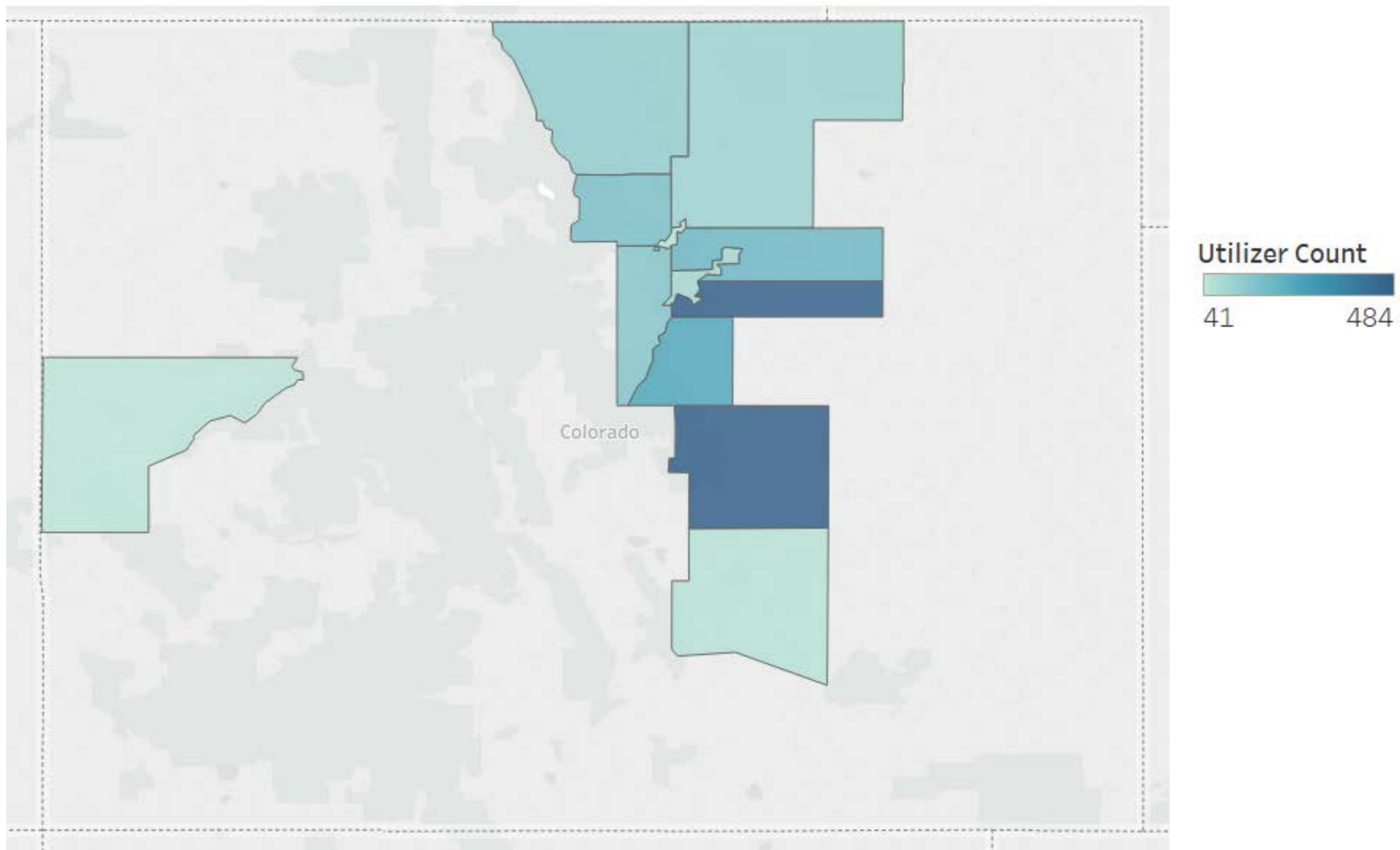
CES - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 CES Providers	CY 2019 Total Health First Colorado Members Ages 0-20	Providers per 1,000 Members
Frontier	11	17,025	0.65
Rural	20	67,595	0.30
Urban	172	541,874	0.32
Statewide	183	626,753	0.29

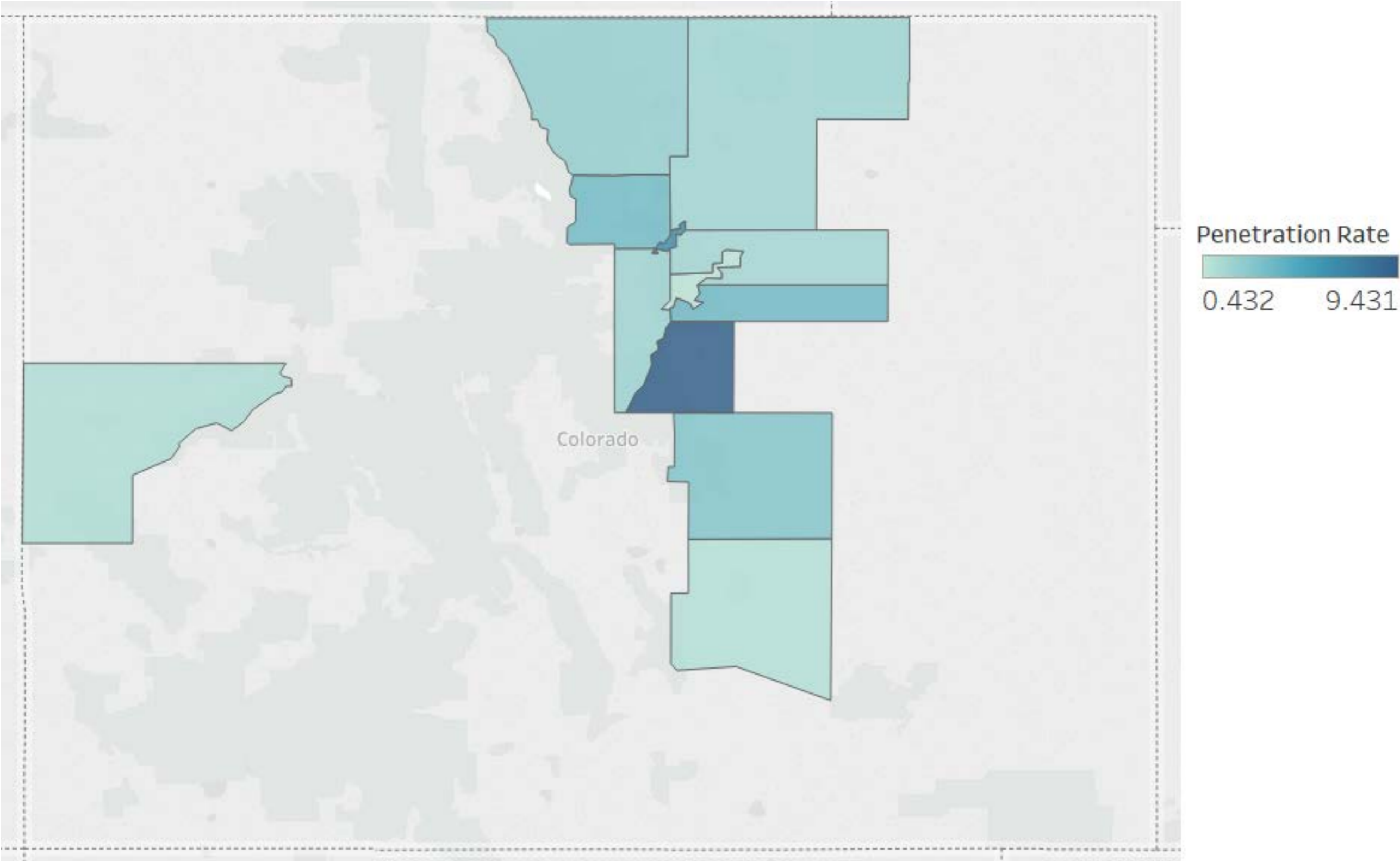
*DRAFT - All Calculations are Preliminary

CES - Utilizer Density by Member County CY 2019



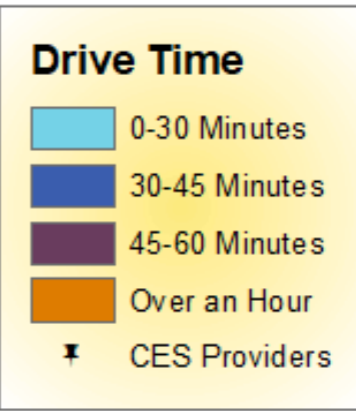
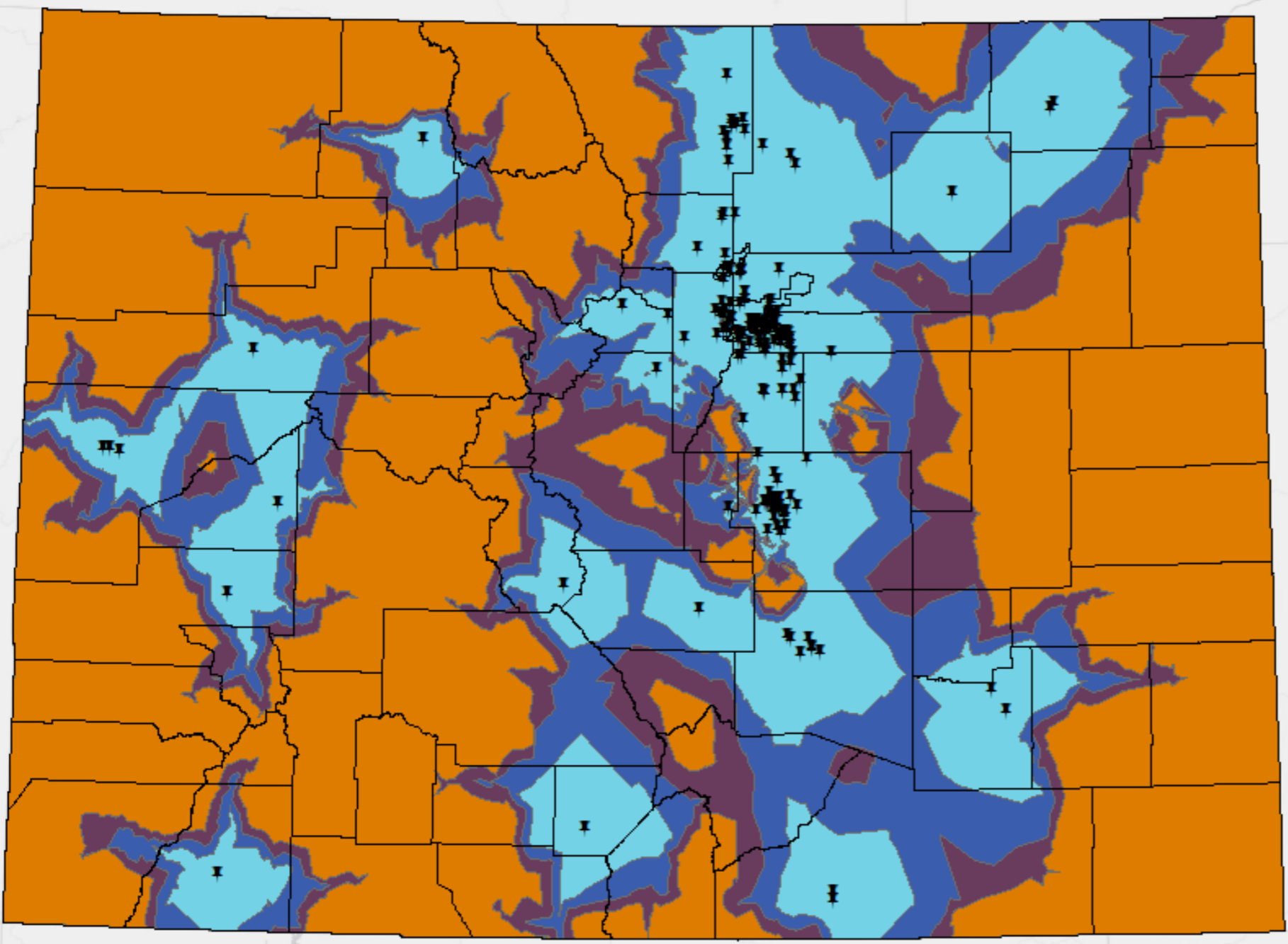
*DRAFT - All Calculations are Preliminary

CES - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

CES - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	92.50%
30-45 Minutes	2.35%
45-60 Minutes	2.11%
Over an Hour	3.03%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

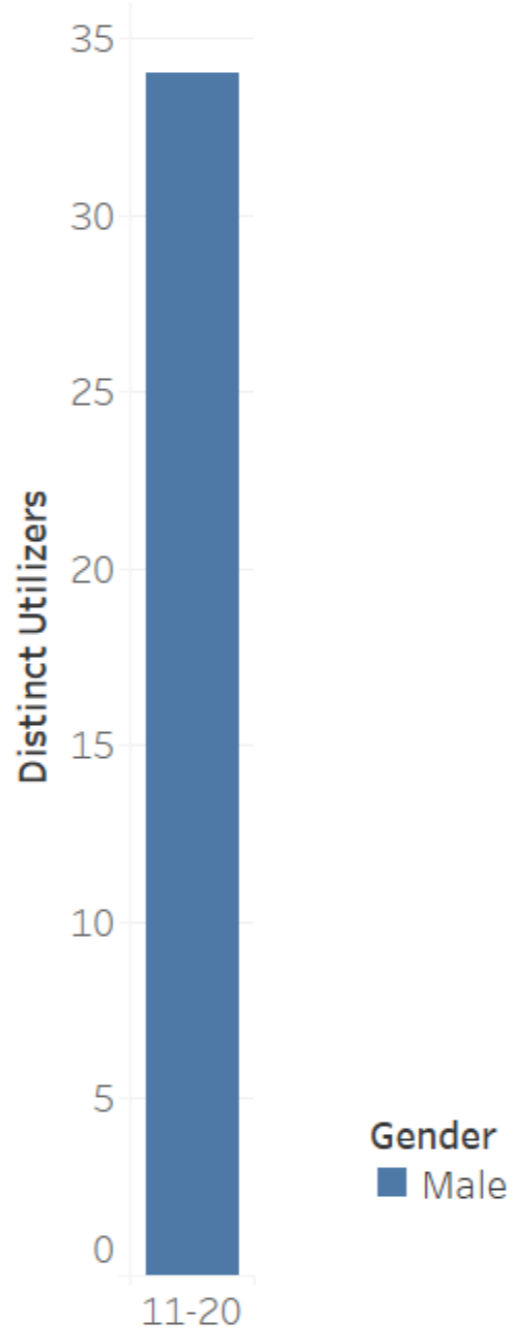
Children's Habilitation Residential Program Waiver (CHRP)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
44	18	\$1,526,003

Purpose: Provide services for children and youth who have a developmental disability and extraordinary needs that put them at risk of, or in need of, out of home placement.

*DRAFT - All Calculations are Preliminary

CHRP - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

CHRP - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	H0041	FOS C CHILD NON-THER PER DIEM	8,643	\$1,348,323
2	T2016	HABIL RES WAIVER PER DIEM	953	\$165,277
3	H2021	SUPPORTED COMM CONNECT WRAP-AROUND SV PER 15 MIN	395	\$4,286
4	G0176	OPPS/PHP; ACTIVITY THERAPY	36	\$762
5	97124	MASSAGE THERAPY	PHI	PHI

*DRAFT - All Calculations are Preliminary

CHRP - Comparison Methodology

- Compared to 7 Other States' Medicaid
 - Used average of Other States' Medicaid
 - States used in comparison: IL, MT, CT, OH, OK, UT, WI
 - States used in previous comparison: WI
 - States added for validity: IL, MT, CT, OH, OK, UT

• Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$1,526,003	\$1,519,104	95.5%

• Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$1,519,104	\$1,527,853	99.4%

*DRAFT - All Calculations are Preliminary

CHRP - Rate Comparison Results

CHRP Waiver Service	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Foster Home	\$1,368,229	\$1,024,389	133.57%
Group Home	\$165,920	\$162,134	102.33%
Professional Therapy Services	\$1,221	\$1,113	109.71%
Respite	\$3,916	\$2,143	182.69%
Benchmark Total	\$1,539,286	\$1,189,780	129.4%

*DRAFT - All Calculations are Preliminary

CHRP - Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	157.2%
IL	68.0%
MT	143.8%
OH	306.8%
OK	121.7%
UT	84.1%
WI	124.3%
Other States' Average	129.4%

*DRAFT - All Calculations are Preliminary

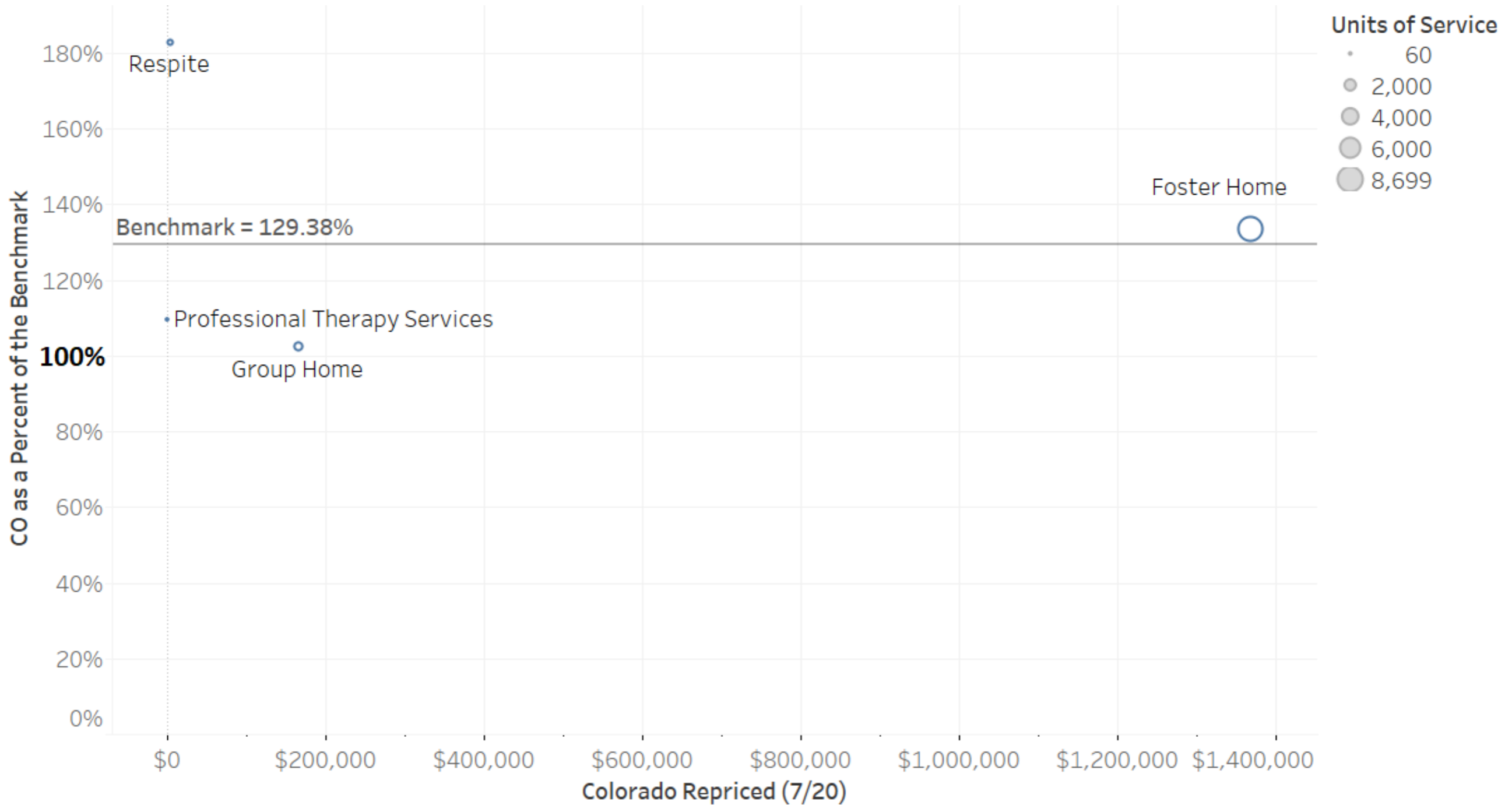
CHRP - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$(349,506)**.

CHRP Comparison Results	
Colorado as a Percentage of Benchmark	129.4%
Colorado Repriced Amount	\$1,539,286
Benchmark Repriced Amount	\$1,189,780
Est. CY 2019 Total Fund Impact	\$(349,506)

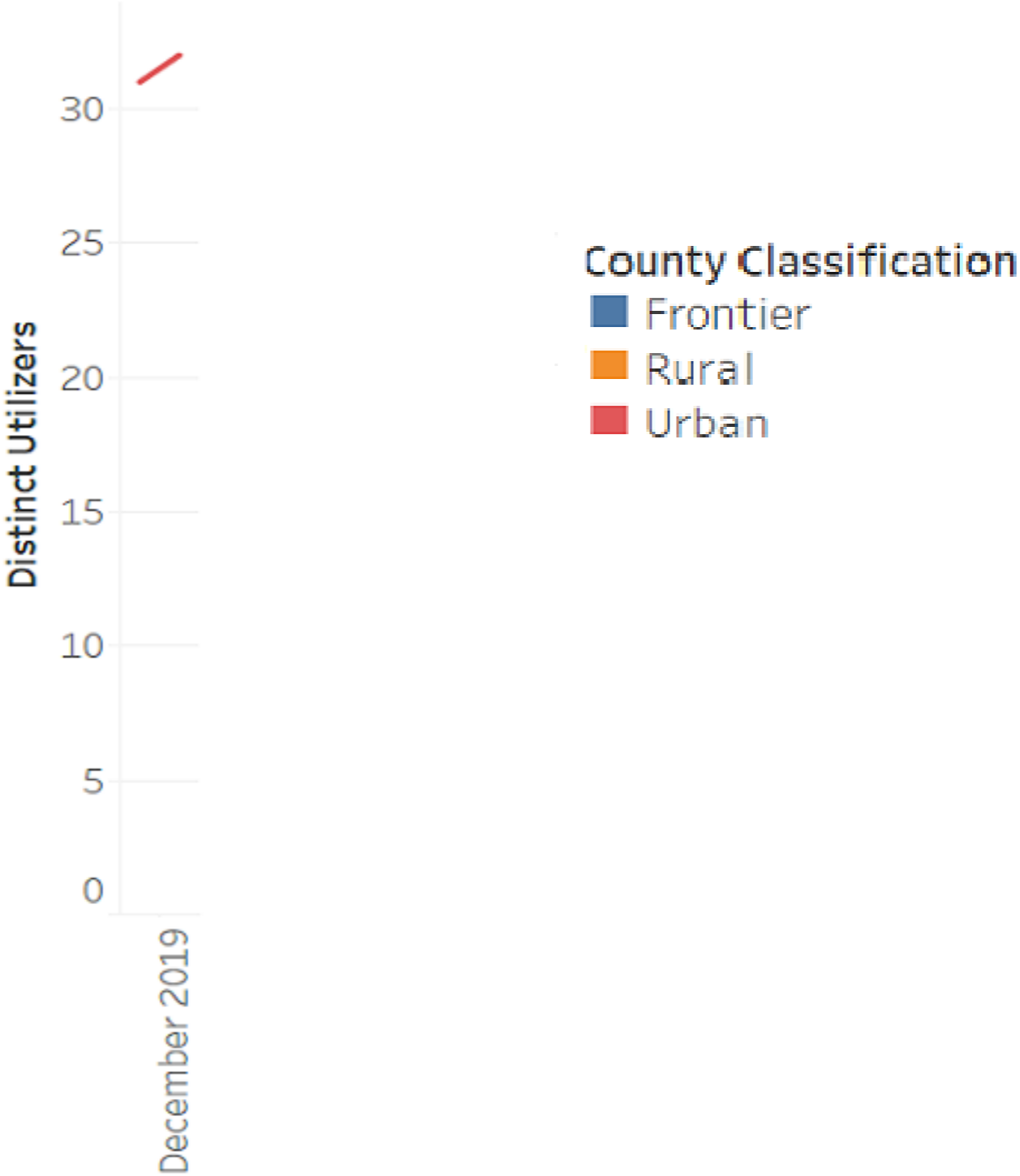
*DRAFT - All Calculations are Preliminary

CHRP - Scatterplot CY 2019



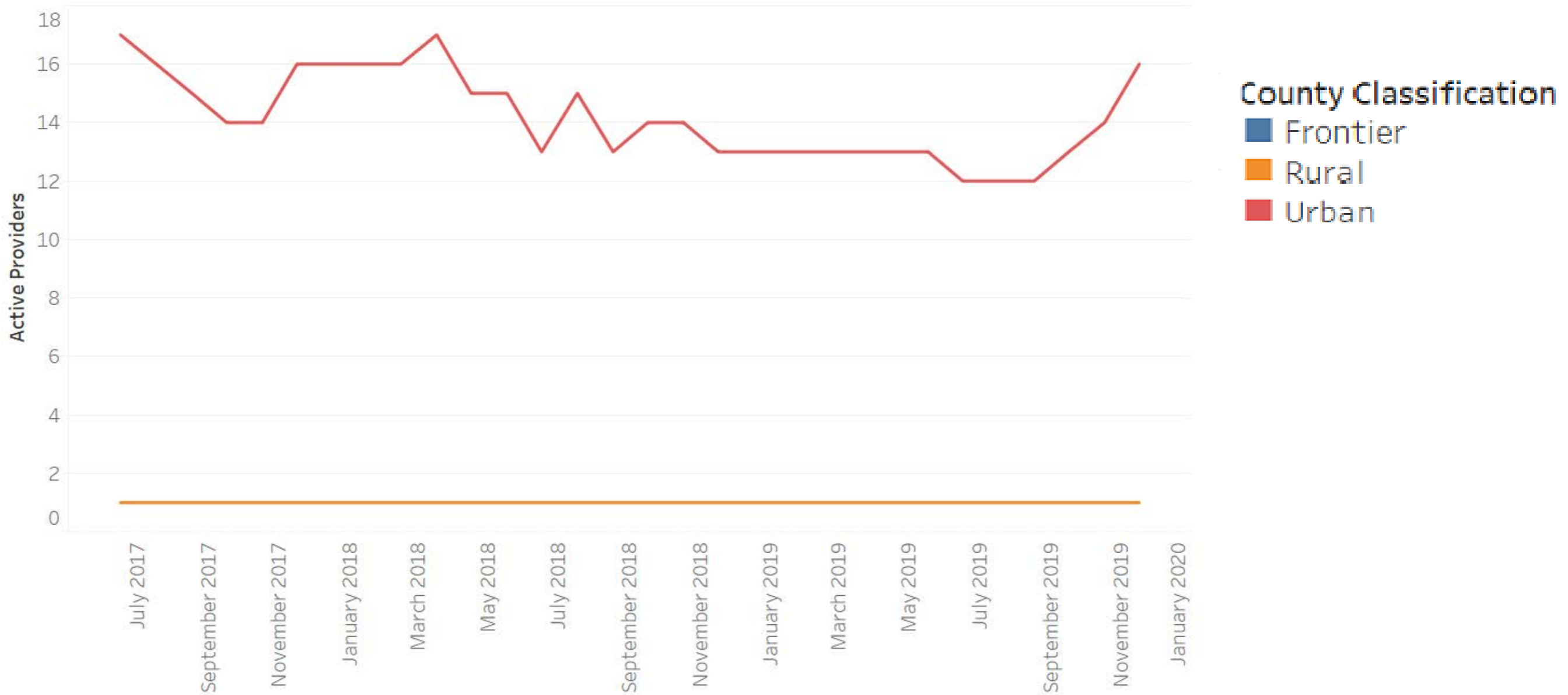
***DRAFT - All Calculations are Preliminary**

CHRP - Distinct Utilizers Over Time



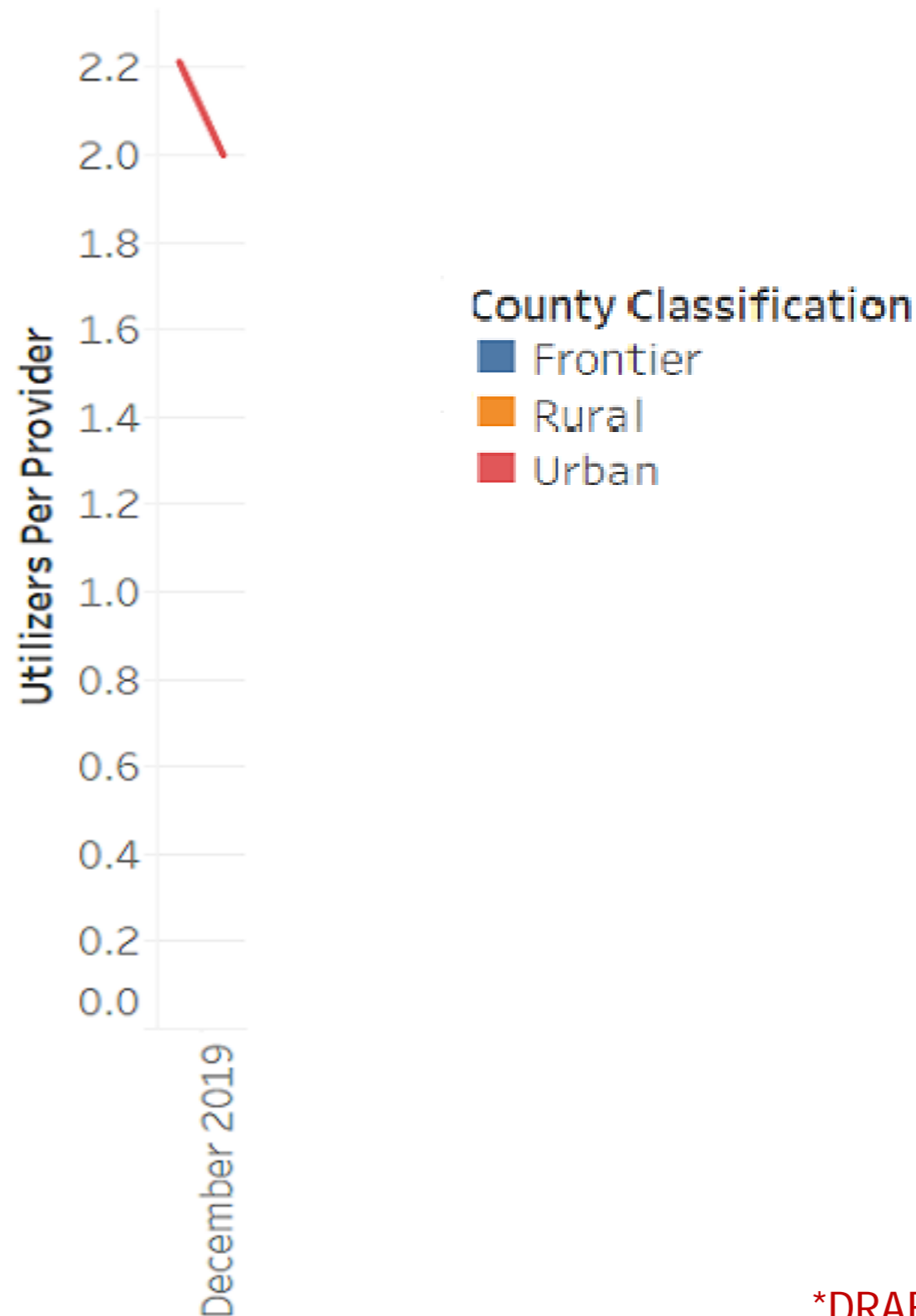
*DRAFT - All Calculations are Preliminary

CHRP - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

CHRP - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

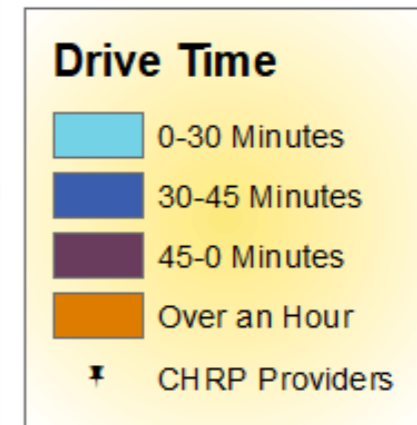
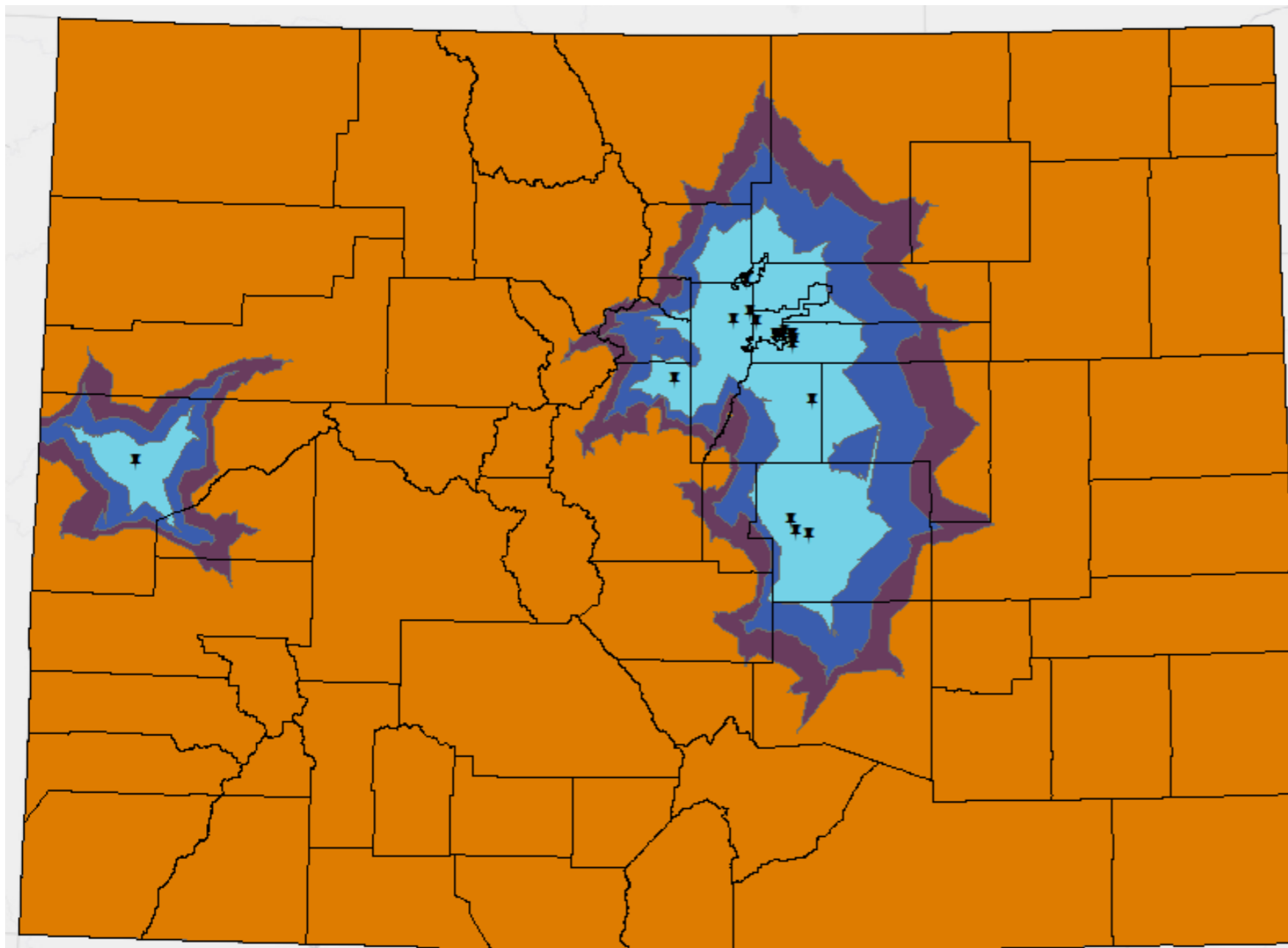
CHRP - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 CHRP Providers	CY 2019 Total Health First Colorado Members Ages 0-20	Providers per 1,000 Members
Frontier	0	17,025	Null
Rural	1	67,595	0.01
Urban	18	541,874	0.03
Statewide	18	626,753	0.03

*DRAFT - All Calculations are Preliminary

CHRP - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	69.90%
30-45 Minutes	7.39%
45-60 Minutes	10.39%
Over an Hour	12.90%
Total	100%

*DRAFT - All Calculations are Preliminary



Questions?

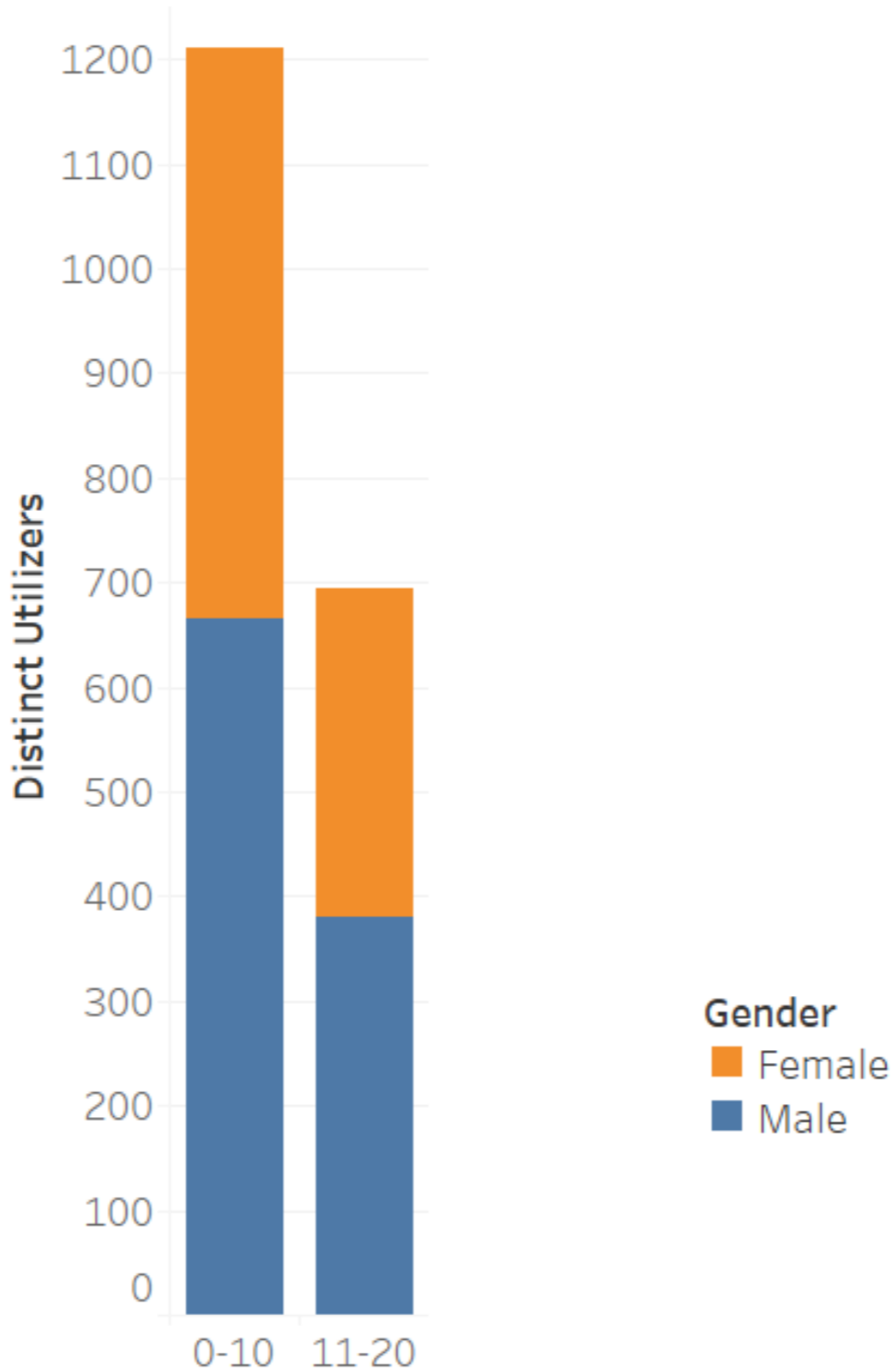
Children's HCBS Waiver (CHCBS)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
1,854	62	\$43,615,435

Purpose: Provide Health First Colorado benefits in the home or community for children with disabilities who would otherwise be ineligible for Health First Colorado due to excess parental income and/or resources.

*DRAFT - All Calculations are Preliminary

CHCBS - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

CHCBS - Top Paid Codes CY 2019

Rank	Procedure Code	Description	Count of Utilizers	Total Paid Dollars
1	H0038	IHSS HEALTH MAINTENANCE SVC PER 15 MIN	5,577,474	\$41,662,300
2	T1016	CASE MANAGEMENT	219,850	1,953,126

*DRAFT - All Calculations are Preliminary

CHCBS - Comparison Methodology

- Compared to 8 Other States' Medicaid
 - Used average of Other States' Medicaid
 - States used in 2021 comparison: CT, IL, MT, ND, OH, OK, UT, WI
 - States used in previous comparison: CT, MT, OH, OK, UT
 - States added for validity: IL, ND, WI

• Data Exclusions

Base Dollars	Post-Exclusion Dollars	Dollars Included
\$43,615,435	\$43,615,426	99.99%

• Incurred But Not Reported (IBNR) Adjustment

Post-Exclusion Dollars	IBNR-Adjusted Dollars	Completion Factor
\$43,615,426	\$43,690,307	99.8%

*DRAFT - All Calculations are Preliminary

CHCBS - Rate Comparison Results

CHCBS Waiver Service	CY 2019 Colorado Repriced	Benchmark Repriced	Percent of Benchmark
Case Management	\$1,948,899	\$5,524,083	35.28%
IHSS Health Maintenance	\$41,509,918	\$44,024,575	94.29%
Benchmark Total	\$43,458,817	\$49,548,659	87.7%

*DRAFT - All Calculations are Preliminary

CHCBS - Rate Comparison Results

Comparison States	CO as Percent of Other States Medicaid
CT	36.2%
IL	89.5%
MT	75.2%
ND	34.4%
OH	87.9%
OK	122.6%
UT	79.0%
WI	143.6%
Other States' Average	87.7%

*DRAFT - All Calculations are Preliminary

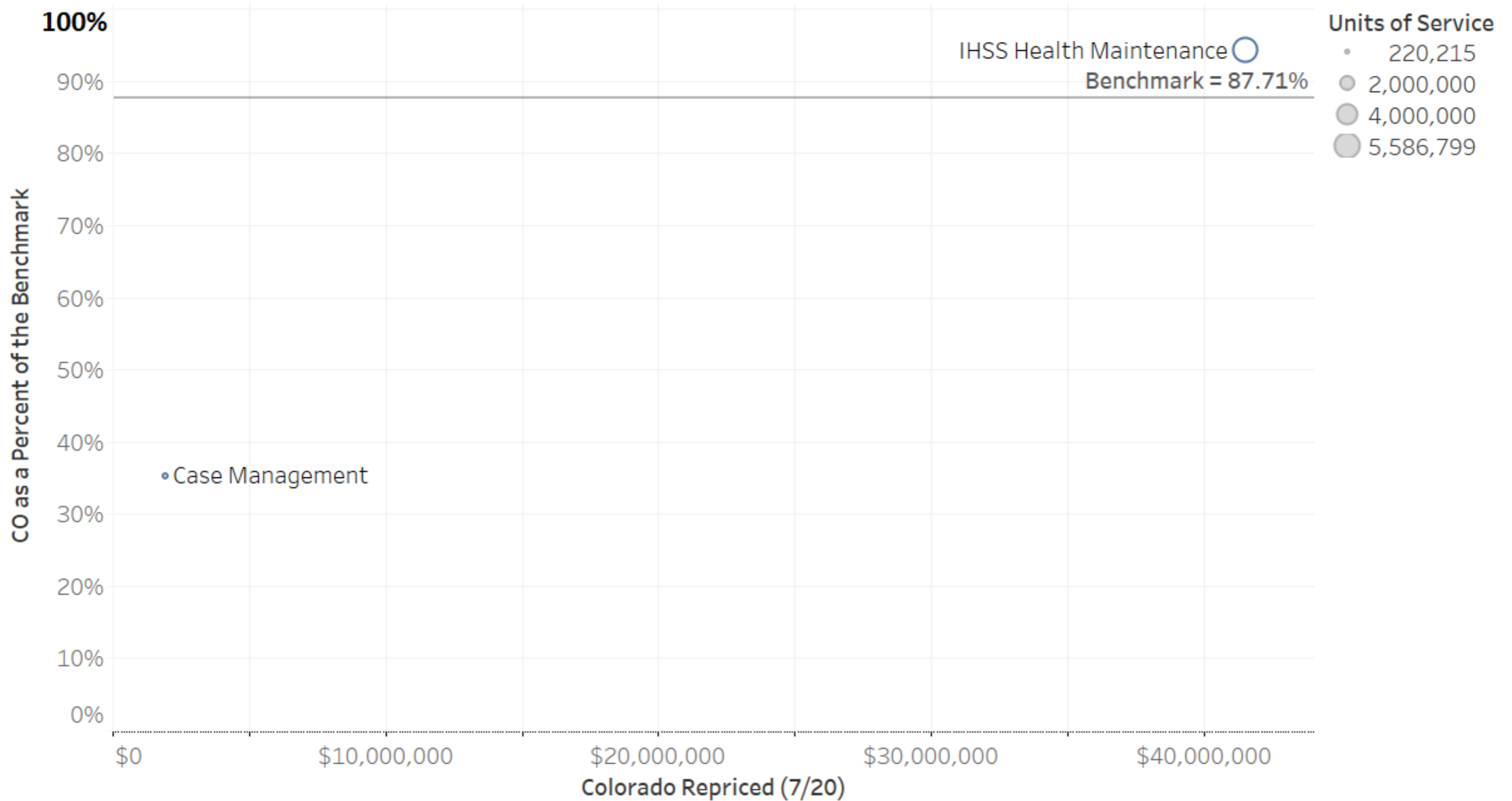
CHCBS - Estimated Total Fund Impact

- Had Health First Colorado reimbursed at 100% of the benchmark in CY 2019 it would have had an estimated total fund fiscal impact of **\$6,089,842**.

CHCBS Comparison Results	
Colorado as a Percentage of Benchmark	87.7%
Colorado Repriced Amount	\$43,458,817
Benchmark Repriced Amount	\$49,548,659
Est. CY 2019 Total Fund Impact	\$6,089,842

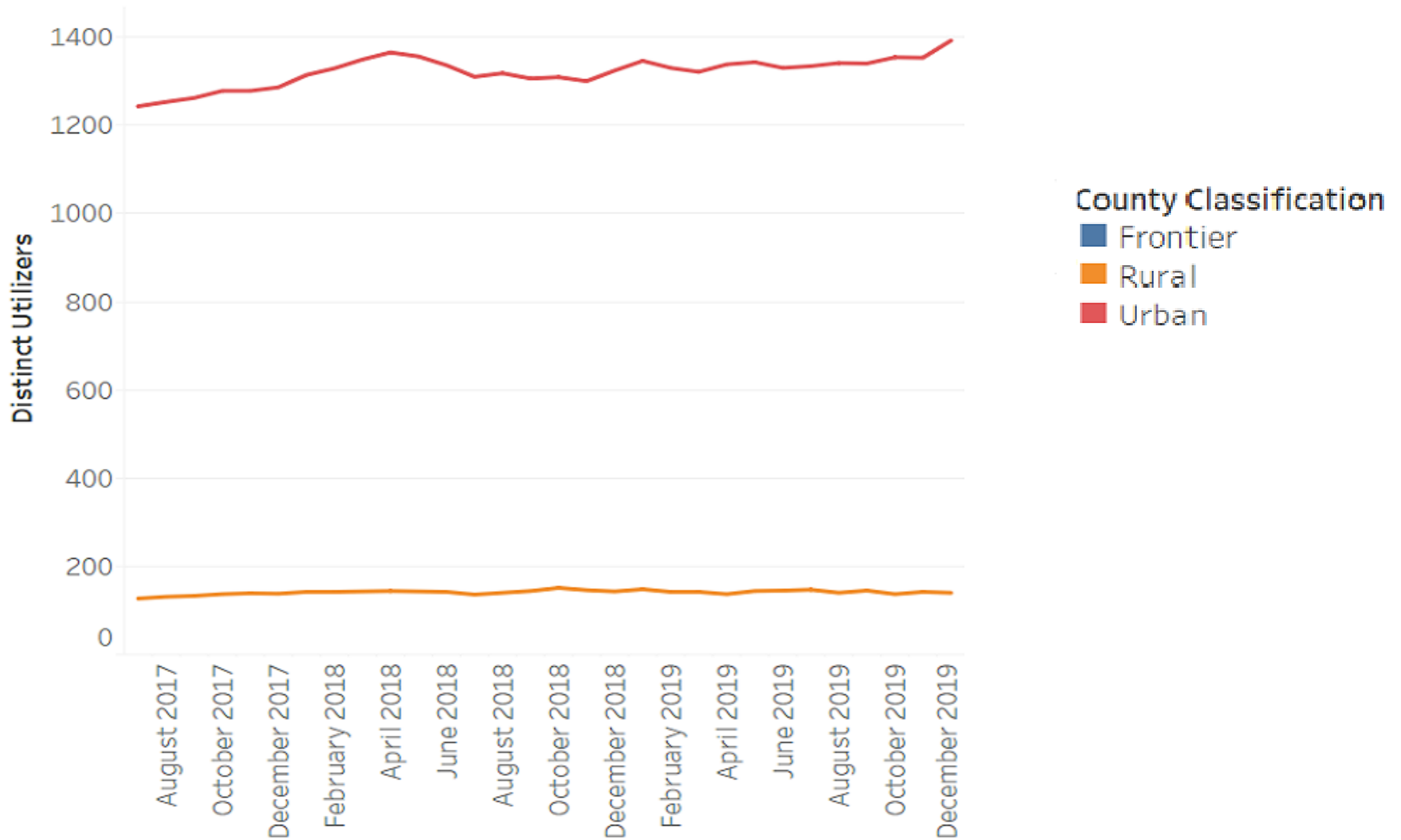
***DRAFT - All Calculations are Preliminary**

CHCBS - Scatterplot CY 2019



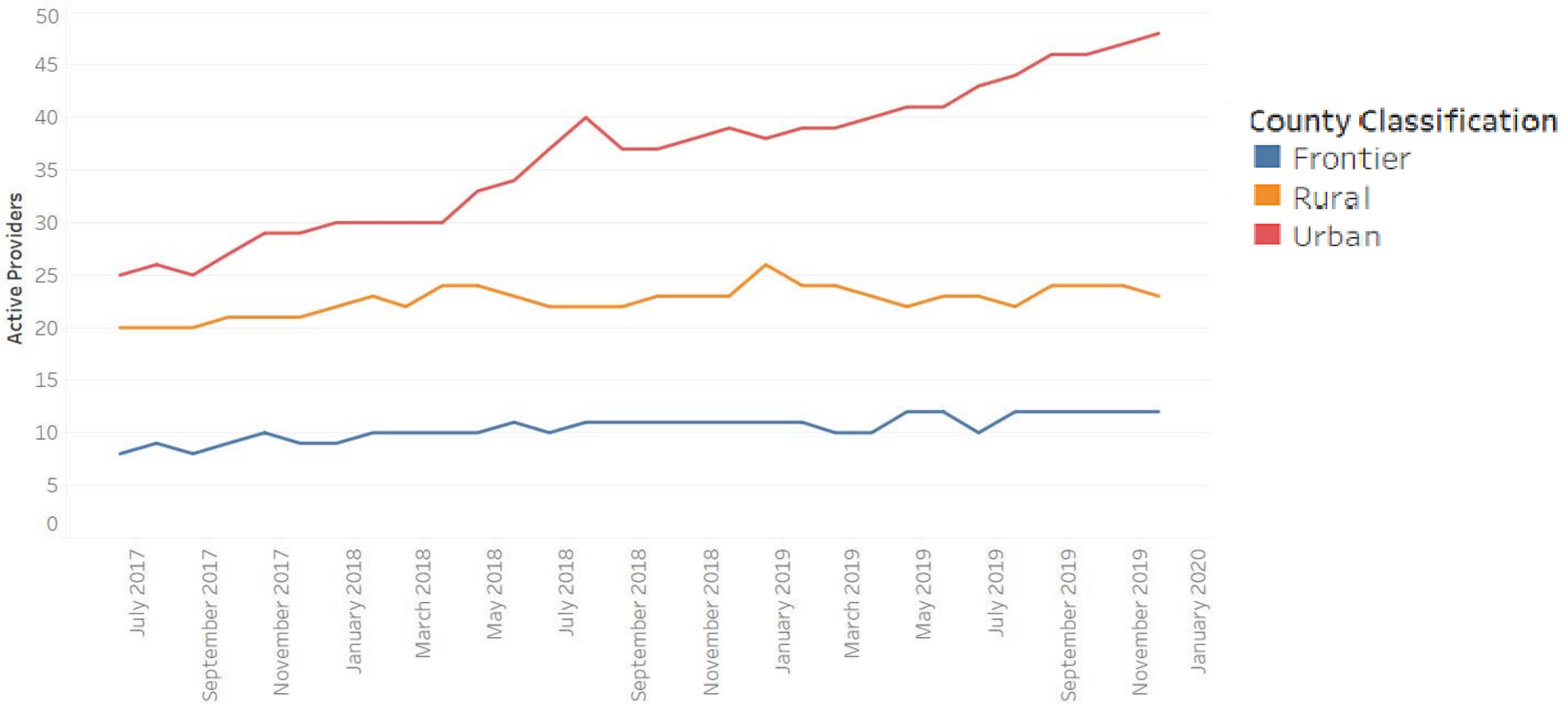
*DRAFT - All Calculations are Preliminary

CHCBS - Distinct Utilizers Over Time



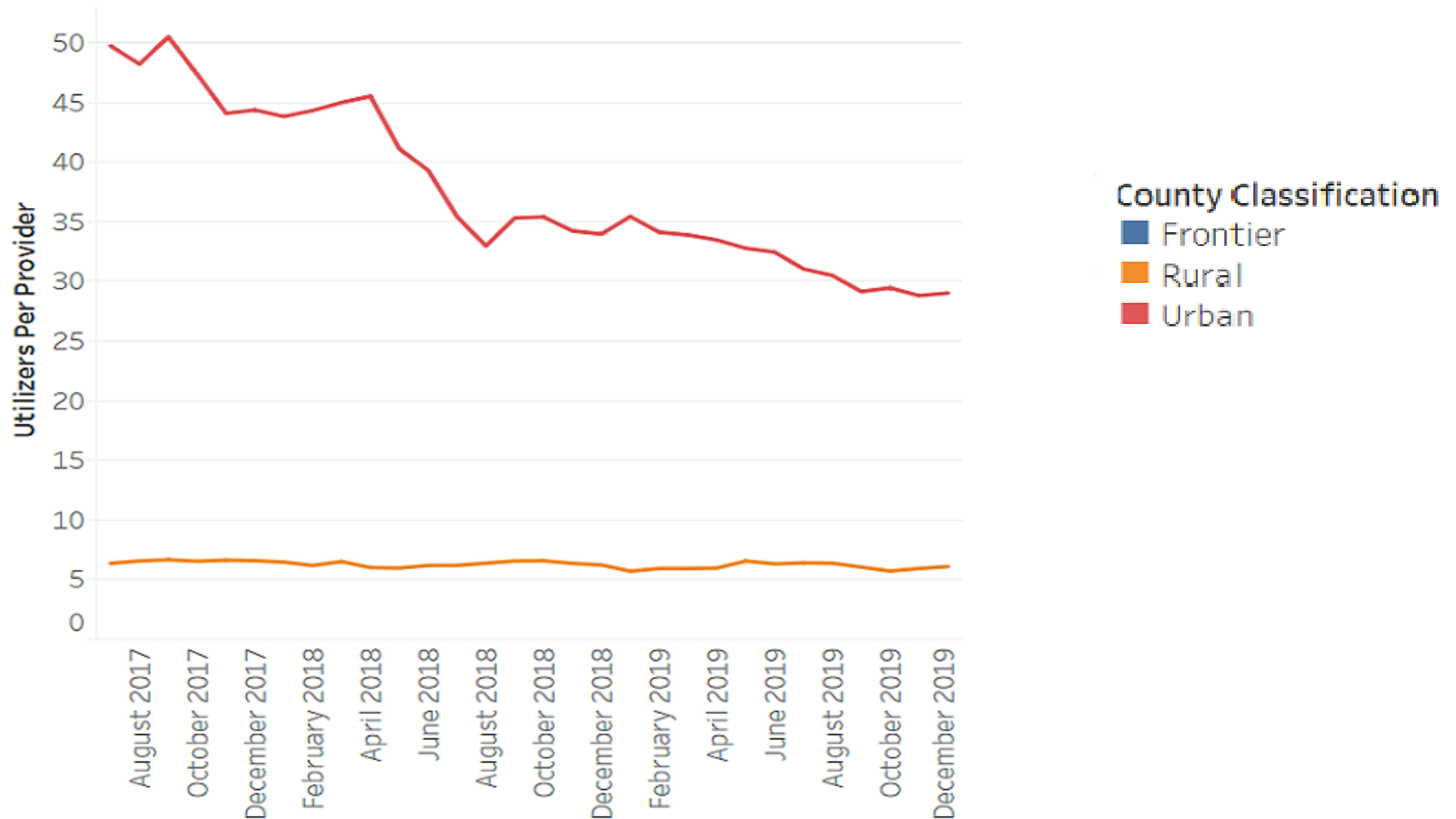
*DRAFT - All Calculations are Preliminary

CHCBS - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

CHCBS - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

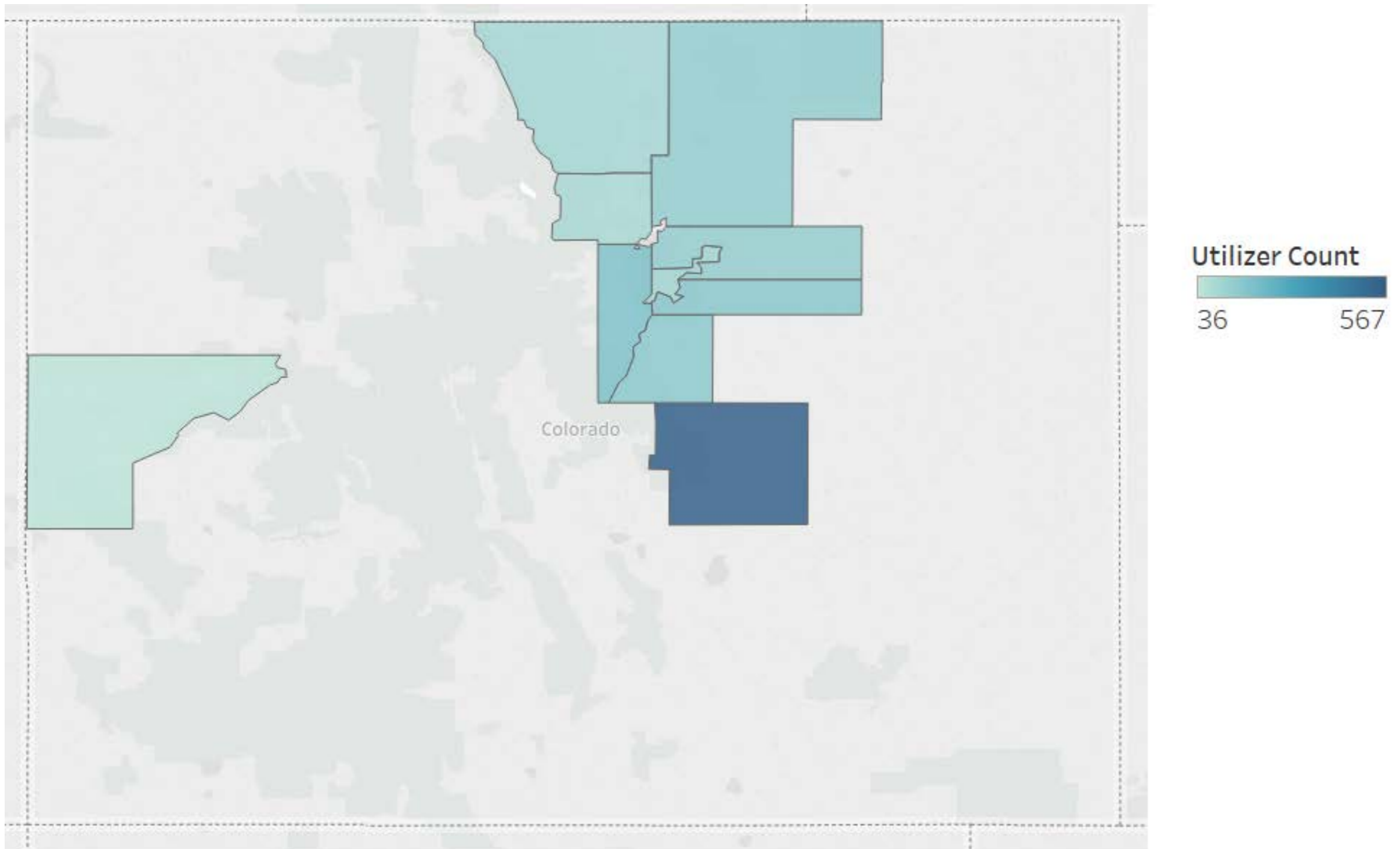
CHCBS - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 CHCBS Providers	CY 2019 Total Health First Colorado Members Ages 0-20	Providers per 1,000 Members
Frontier	13	17,025	0.76
Rural	29	67,595	0.43
Urban	50	541,874	0.09
Statewide	62	626,753	0.10

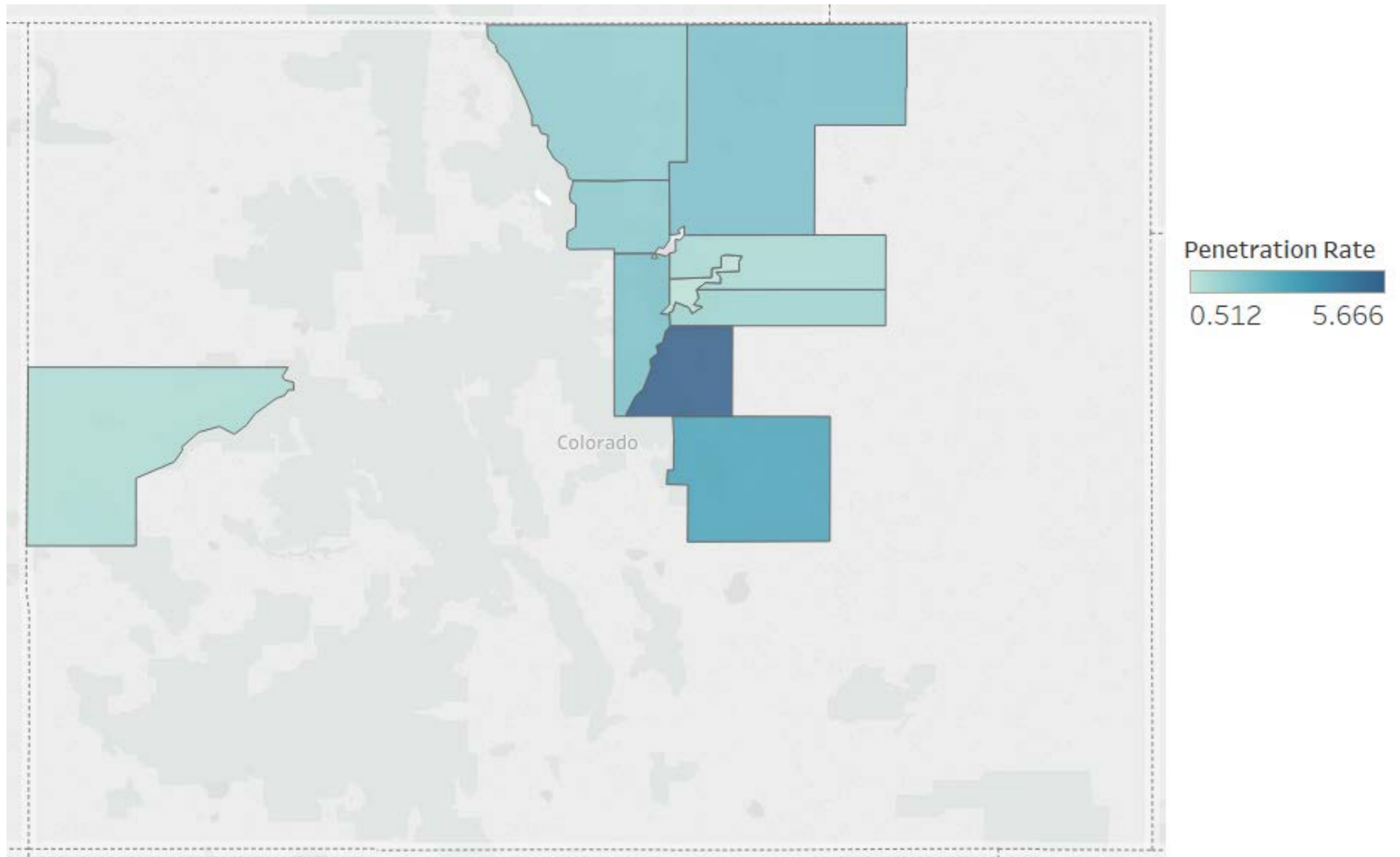
*DRAFT - All Calculations are Preliminary

CHCBS - Utilizer Density by Member County CY 2019



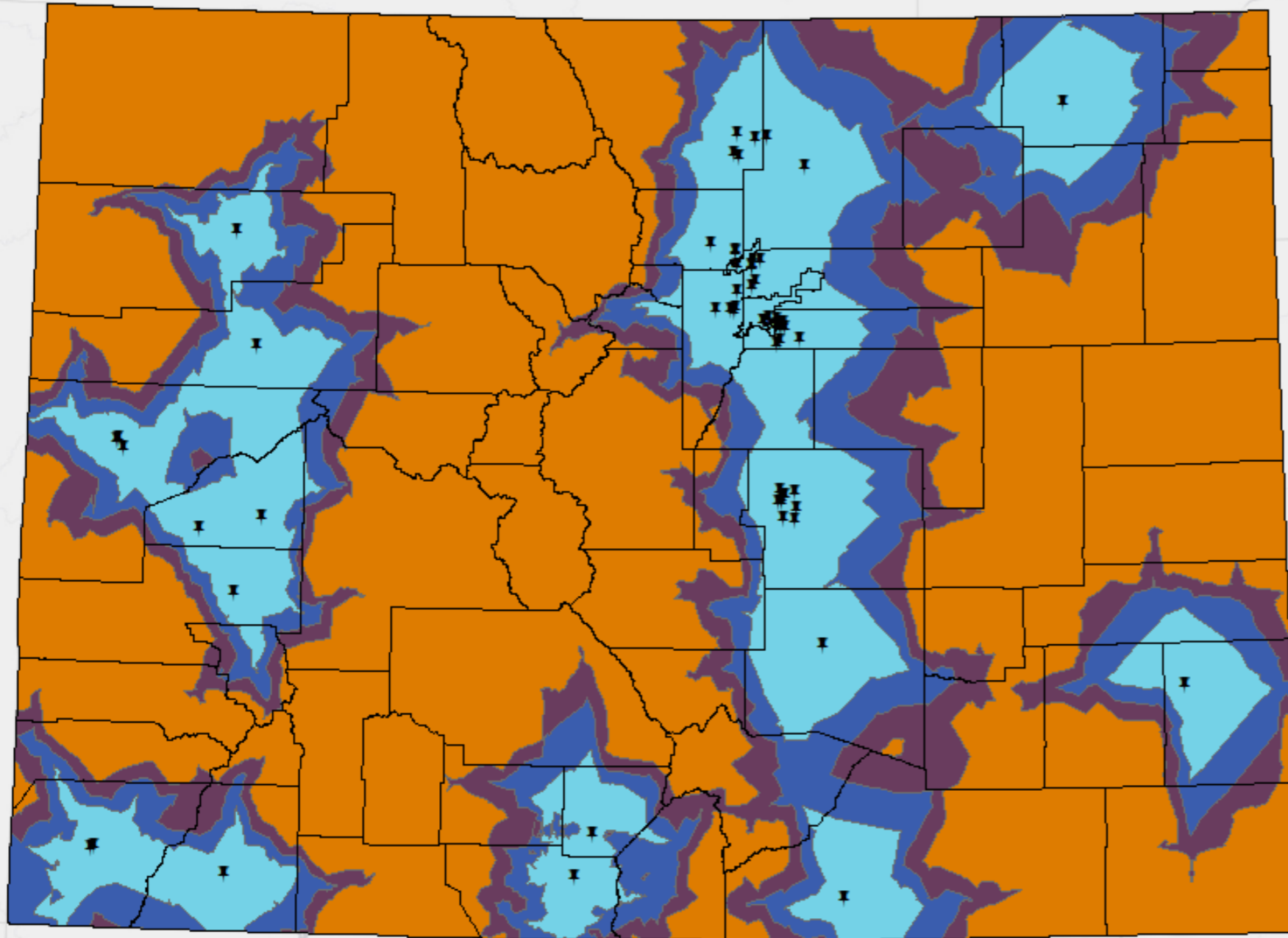
*DRAFT - All Calculations are Preliminary

CHCBS - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

CHCBS - ArcGIS Map

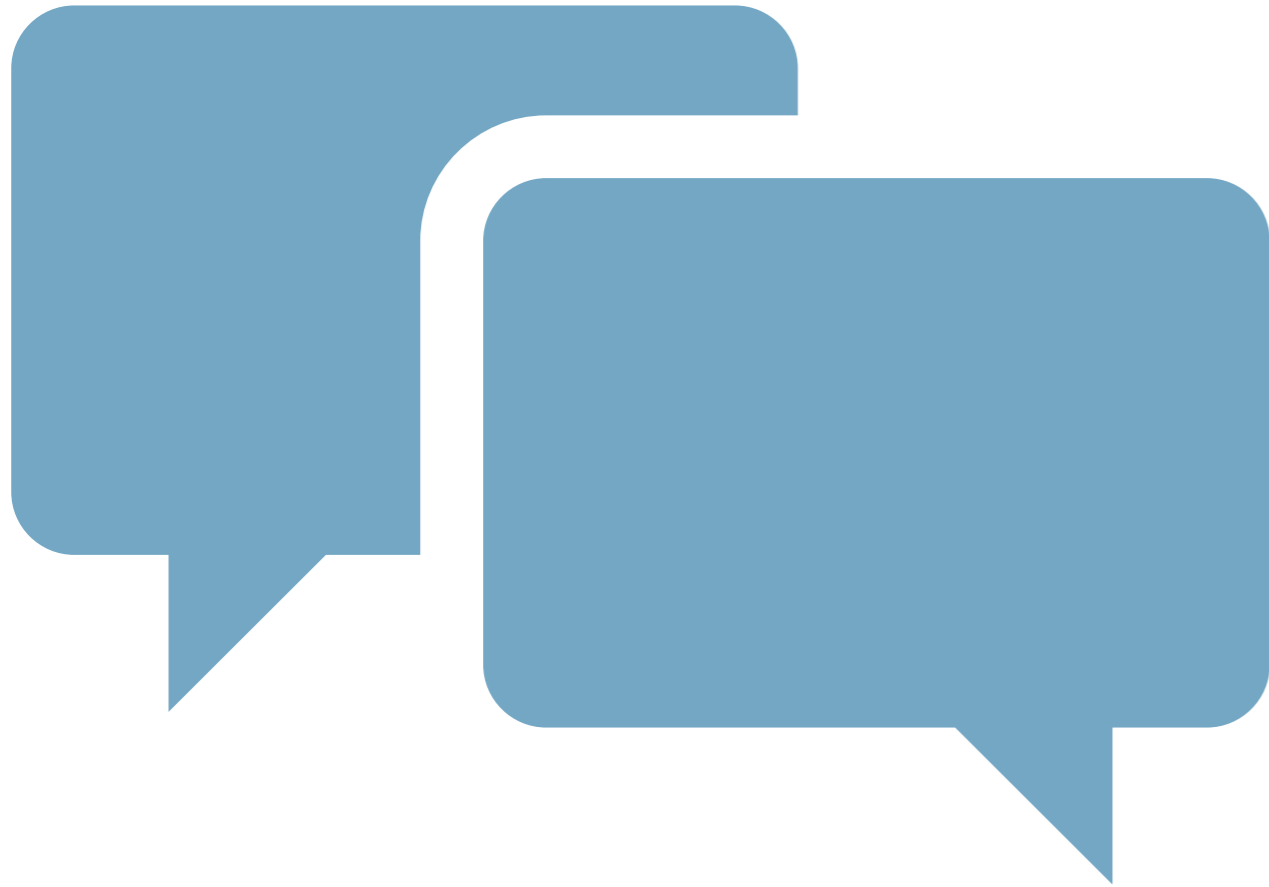


Drive Time	Percent of Members by Drive Time
0-30 Minutes	90.40%
30-45 Minutes	3.36%
45-60 Minutes	2.48%
Over an Hour	3.78%
Total	100%

*DRAFT - All Calculations are Preliminary



Stakeholder Comments



Committee Discussion

Targeted Case Management (TCM)

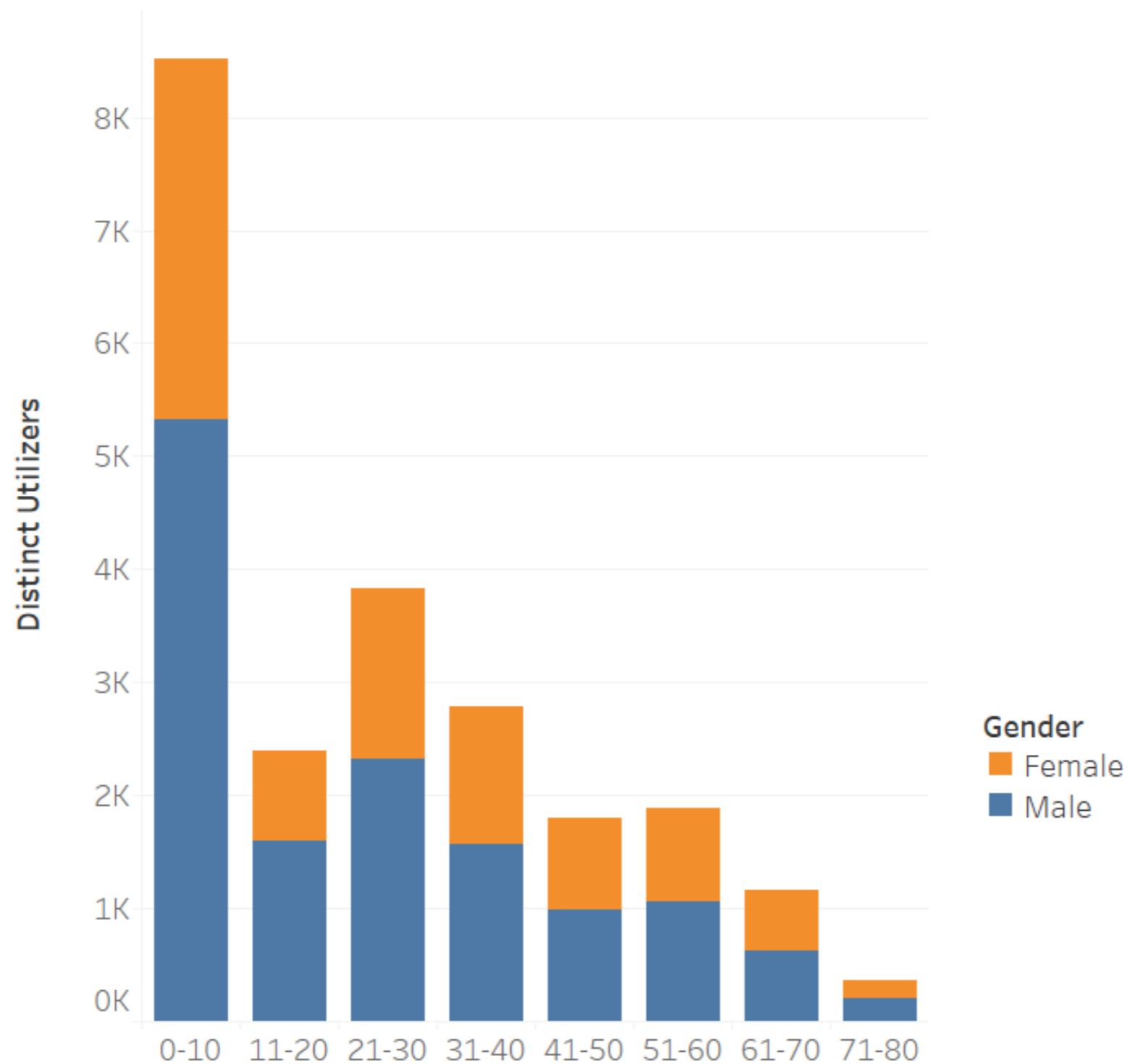
Targeted Case Management (TCM)

Total Member Count CY 2019	Total Provider Count CY 2019	Total Paid Dollars CY 2019
21,619	68	\$35,093,050

- State Plan benefit that includes facilitating enrollment, locating, coordinating, and monitoring needed waiver services and coordinating with other non-waiver resources.
- TCM is provided to members with intellectual and developmental disabilities through Community Centered Boards (CCBs)
 - CCB case managers send out referrals to potential providers identifying needed services accompanied by a description of what support would look like for the member.
 - The case manager then receives responses from interested providers and present the options to the member.

*DRAFT - All Calculations are Preliminary

TCM - Utilizer Demographics CY 2019



*DRAFT - All Calculations are Preliminary

TCM - Comparison Methodology

- Change in Rate Reimbursement Methodology
 - From procedure-code-based fee schedule to a per-member-per-month (PMPM) reimbursement
- Compared to other states with similar PMPM methodology without adjusting for utilization
- States compared: CT, IN, MT, UT

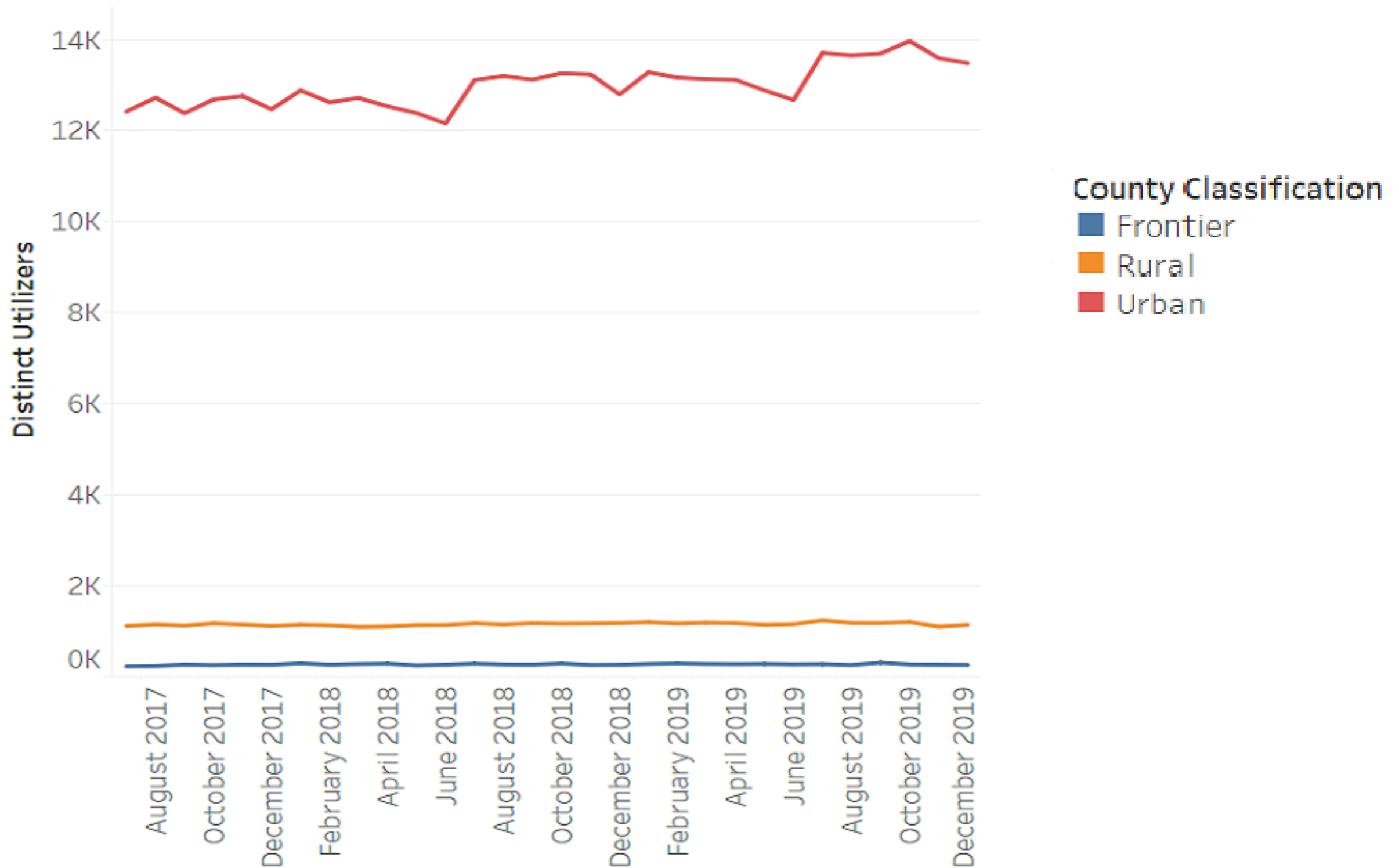
TCM - Rate Comparison Results

Colorado PMPM Rate	Other States' Average	CO as a Percent of Benchmark
\$138.29	\$157.43	87.84%

State	Source	Service	PMPM Rate	CO as a Percent of Benchmark
CT	1915(c) HCBS for Elders Waiver	Case Management Daily Rate (adjusted for monthly)	\$152.70	90.56%
IN	1915(c) Aged and Disabled Waiver	Care Management	\$134.33	102.95%
MT	1915(c) 0208 HCBS DD Waiver	Case Management	\$134.82	102.57%
UT	1915(c) Community Supports Waiver	Waiver Support Coordination	\$207.88	66.52%

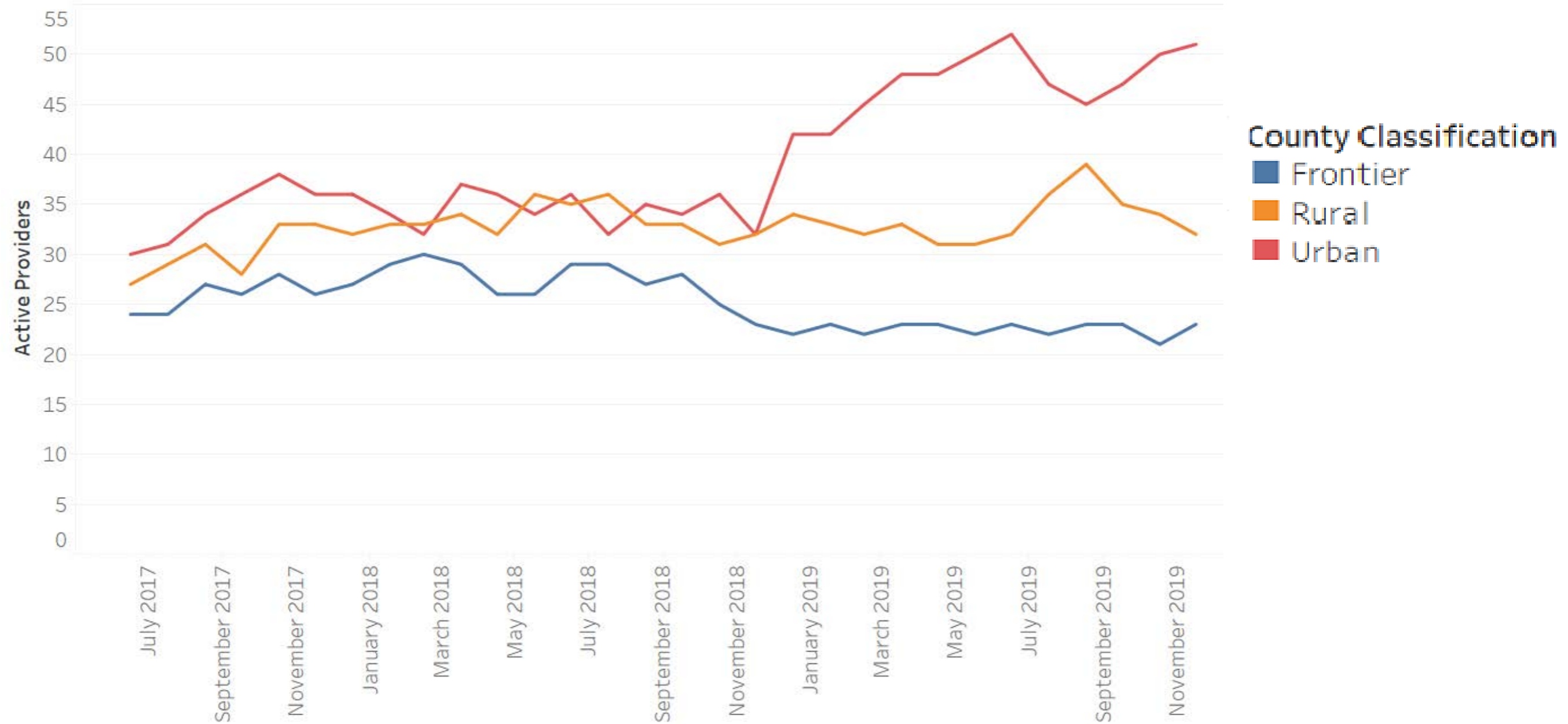
***DRAFT - All Calculations are Preliminary**

TCM - Distinct Utilizers Over Time



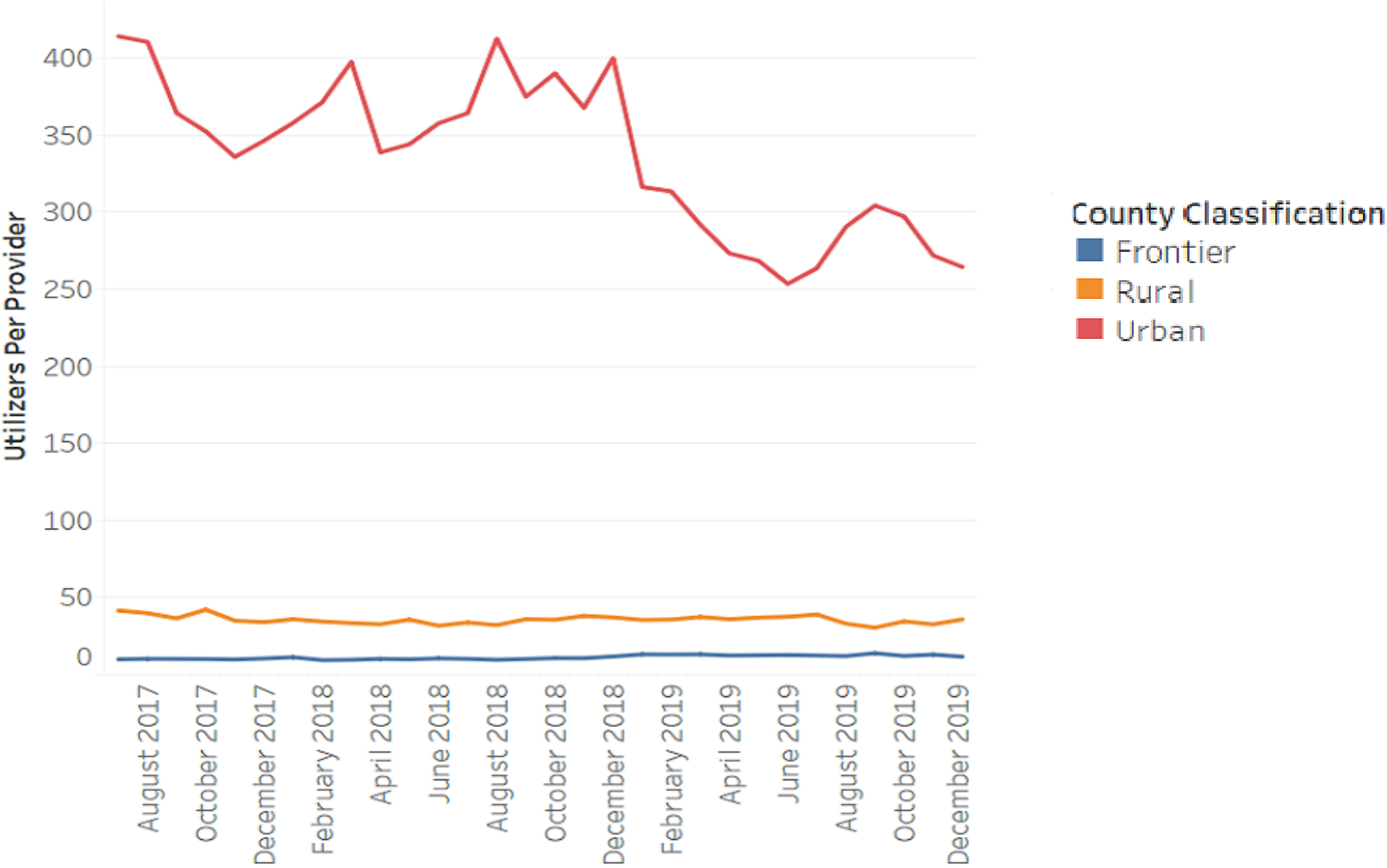
*DRAFT - All Calculations are Preliminary

TCM - Active Providers Over Time



*DRAFT - All Calculations are Preliminary

TCM - Utilizers Per Provider (Panel Size)



*DRAFT - All Calculations are Preliminary

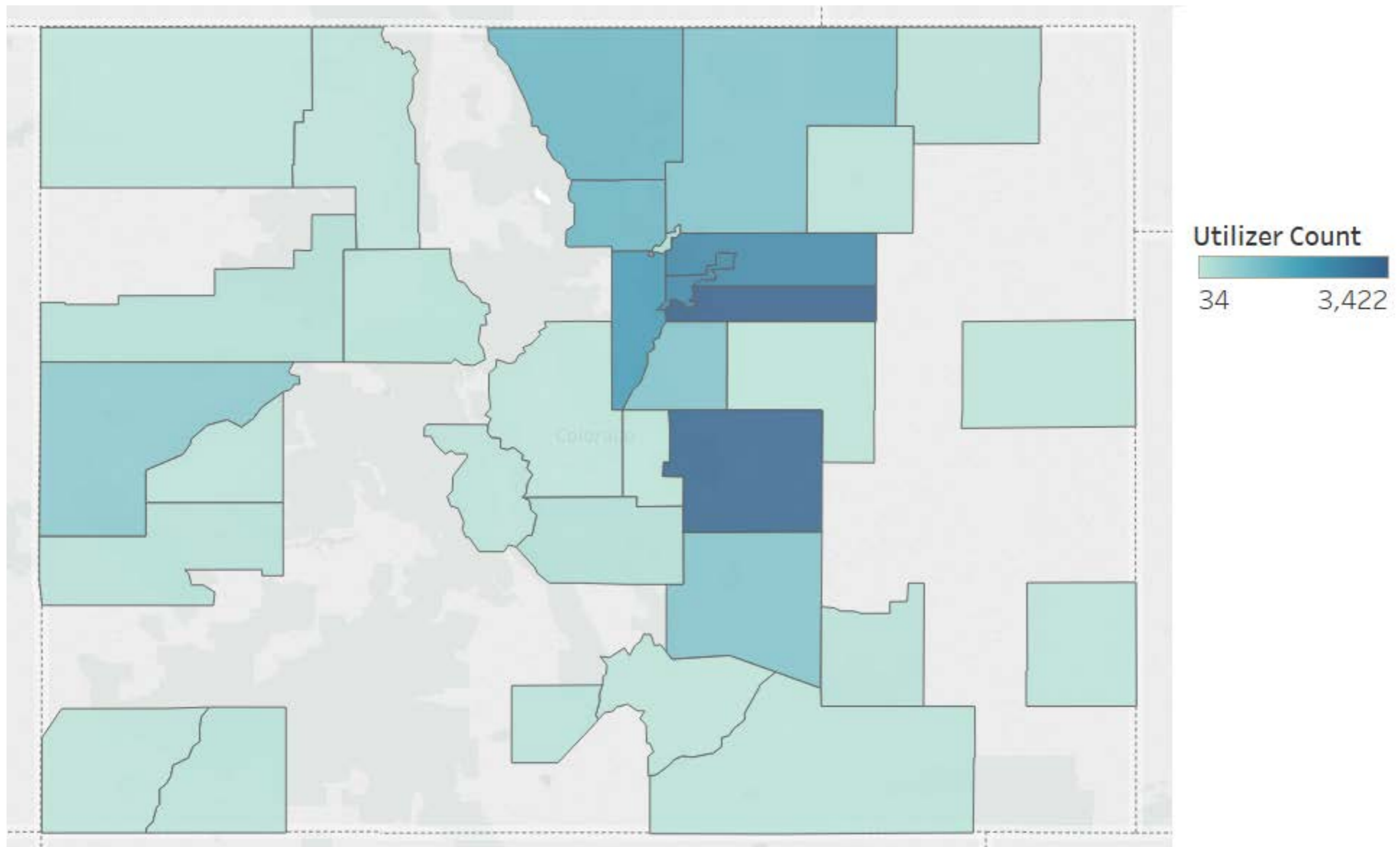
TCM - Member to Provider Ratio

- Expressed as providers per 1,000 members
- Normalizing, or standardizing, per 1,000 members allows for comparisons across areas with large differences in population size

Region	CY 2019 TCM Providers	CY 2019 Total Health First Colorado Members	Providers per 1,000 Members
Frontier	28	48,210	0.58
Rural	43	179,929	0.24
Urban	62	1,357,110	0.05
Statewide	68	1,478,090	0.05

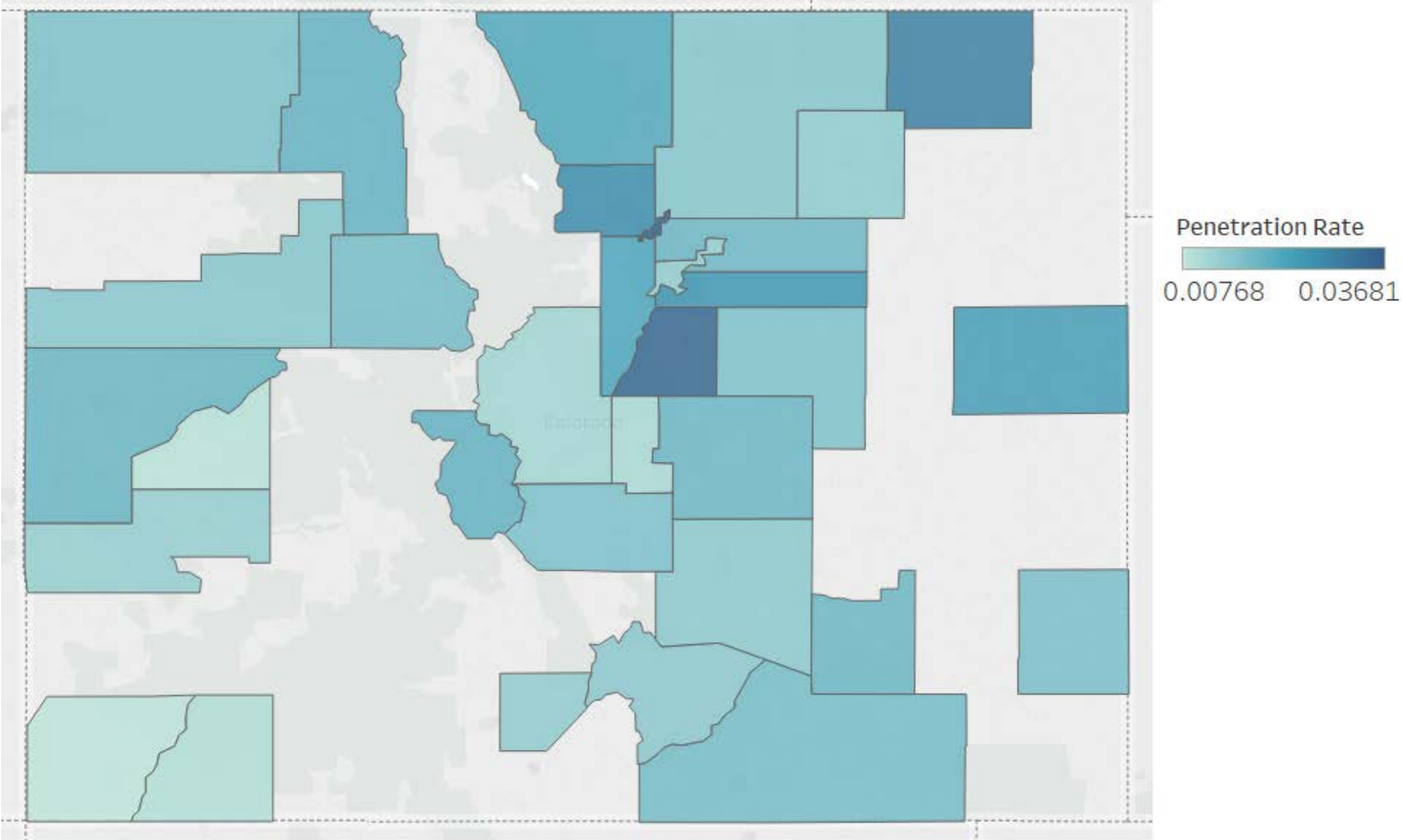
*DRAFT - All Calculations are Preliminary

TCM - Utilizer Density by Member County CY 2019



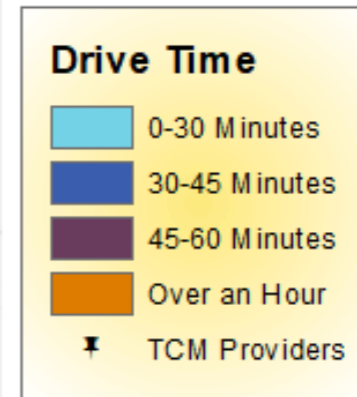
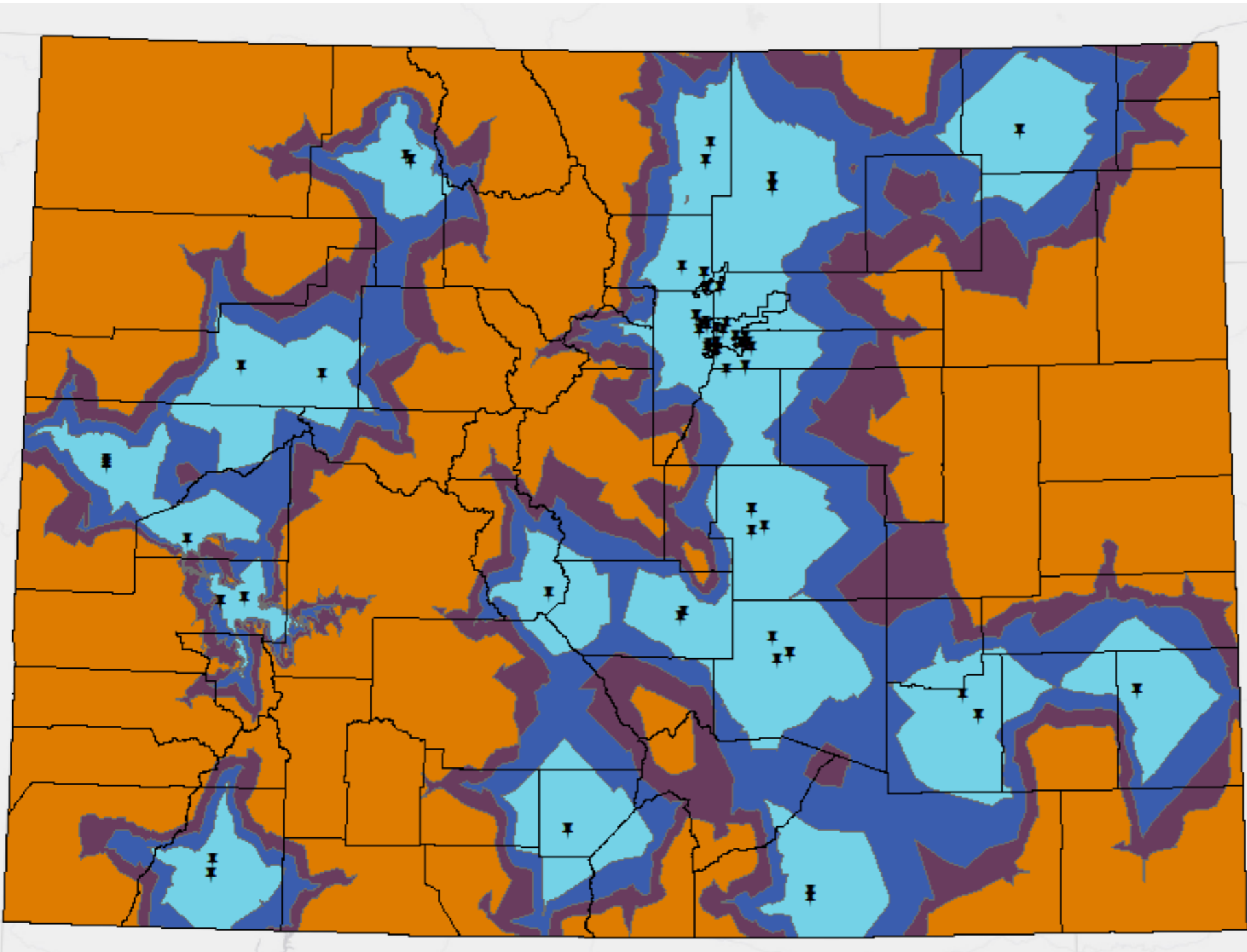
*DRAFT - All Calculations are Preliminary

TCM - Penetration Rate by Member County CY 2019



*DRAFT - All Calculations are Preliminary

TCM - ArcGIS Map



Drive Time	Percent of Members by Drive Time
0-30 Minutes	91.68%
30-45 Minutes	3.07%
45-60 Minutes	2.66%
Over an Hour	2.59%
Total	100%

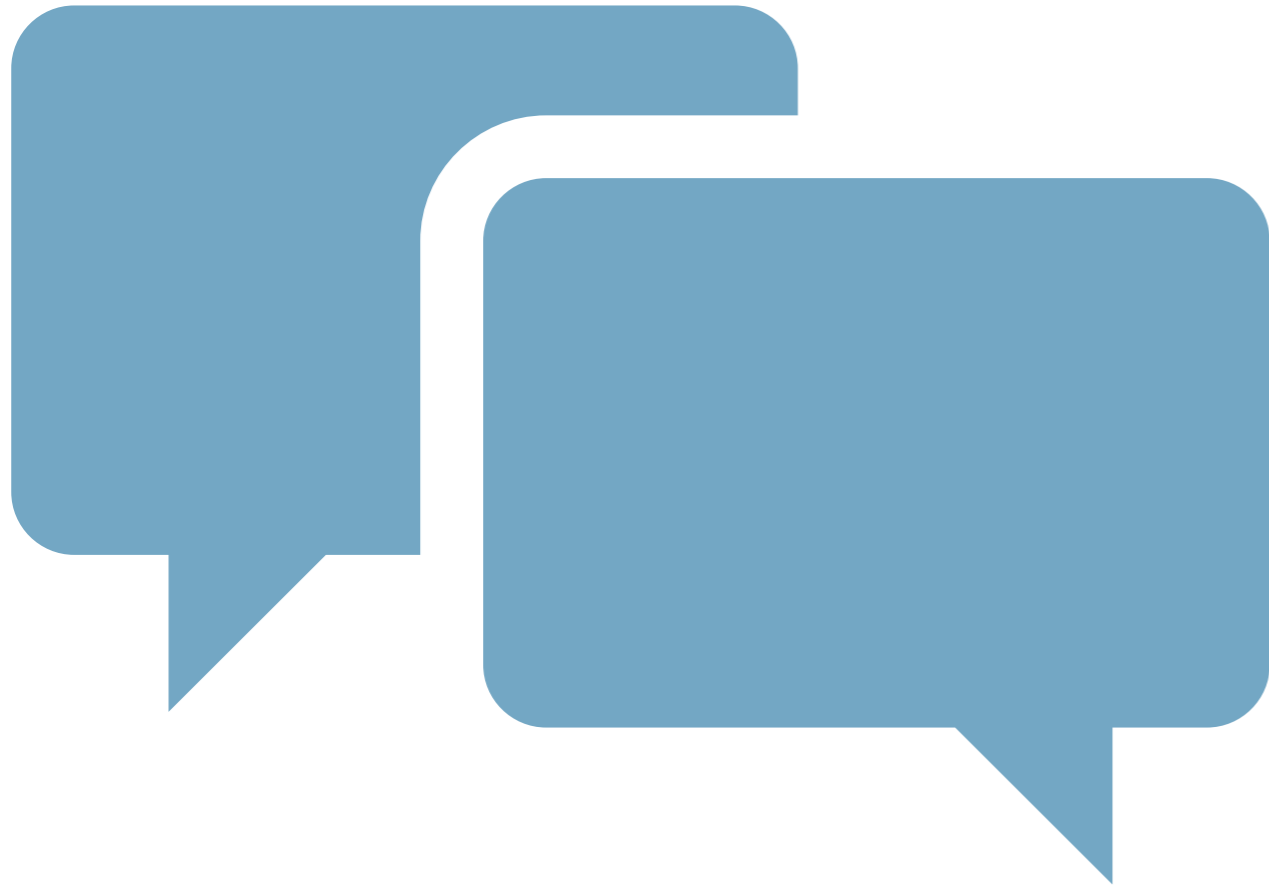
*DRAFT - All Calculations are Preliminary



Questions?



Stakeholder Comments



Committee Discussion

Announcements & Next Steps

- Open Meetings Law
 - There were two recent violations
 - Refresher
- Colorado Open Records Act Requests
 - Two requests
 - Scope: MPRRAC meetings & MPRRAC members

Announcements & Next Steps

- 2nd ad hoc meeting
- 2021 meeting schedule:
 - June 18, 2021, 9:00 a.m.-12:00 p.m.
 - August 27, 2021, 9:00 a.m.-12:00 p.m.
 - November 5, 2021, 9:00 a.m.-12:00 p.m.
- If you have additional comments that are not within the scope of this meeting, they can be sent to HCPF_RateReview@state.co.us

Contact

Eloiss Hulsbrink

Rate Review Stakeholder Relations Specialist

HCPF_RateReview@state.co.us

Thank You!