

### Appendix C – HCBS Waiver and Targeted Case Management (TCM) Rate Comparison and Access to Care Analyses Methodologies and Data

#### Executive Summary

The Department contracted with the actuarial firm **Optumas** to provide support in comparing Colorado Medicaid provider rates to those of other payers (a comparable benchmark) and for calculating access to care metrics.

The following service groups were reviewed by **Optumas** for Waiver and Targeted Case Management (TCM) services as part of the 2021 Medicaid Provider Rate Review Analysis Report:

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

The work performed on HCBS Waiver and TCM services comprised three analyses:

- 1) Data validation
- 2) Rate comparison benchmark
- 3) Access to care

The data validation process includes:

- Volume checks over time to determine completeness and reliability of data
- Determination of relevant utilization base and appropriate exclusions
- Incurred but not reported (IBNR) adjustment

The rate comparison benchmark analysis for January 1, 2019 through December 31, 2019 (CY 2019) compares Colorado Medicaid's latest fee schedule, July 1, 2020 estimated reimbursement with the estimated reimbursement of the overall benchmark(s).

Paying consideration to the payment methodology change from a procedure-code-based fee schedule to a per-member-per-month (PMPM) reimbursement for Targeted Case management (TCM), the department has decided to forgo Colorado Medicaid repricing, and instead compare only Colorado Medicaid rates to other states with a similar PMPM methodology without adjusting for utilization.

Home and Community Based Services (HCBS) comprise services unique to Medicaid programs, and therefore compares Health First Colorado to other states Medicaid programs. Medicare was not used as a benchmark. Payment rates were compared with those of Connecticut, Illinois, Montana, Ohio, Oklahoma, and Utah. North Dakota and Wisconsin's child-specific waivers were included to target comparable rates for Colorado Medicaid Children's waivers.

All else being equal, if Colorado Medicaid were to reimburse at 100.00% of the overall benchmark, expenditures for CY 2019 would see the estimated total funds impacts summarized in **Table 1**:

**Table 1. Colorado's HCBS as a Percent of the Benchmark and Estimated CY 2019 Fund Impact by State**

State	Colorado as a Percent of Benchmark	Estimated CY 2019 Total Fund Impact
Connecticut	87.43%	\$126,554,008
Illinois	126.34%	(\$137,662,706)
Montana	87.67%	\$143,138,413
Ohio	105.10%	(\$32,288,897)
Oklahoma	114.10%	(\$125,373,660)
Utah	83.10%	\$205,565,177
North Dakota - Children's Only	45.48%	\$3,591,133
Wisconsin - Children's Only	138.79%	(\$15,550,793)

Please note that the Targeted Case Management (TCM) service group has been intentionally excluded from **Table 1** above due to the payment methodology change from a procedure-code-based fee schedule to a per-member-per-month (PMPM) reimbursement.

The access to care analyses consist of a set of metrics to assist the Department in determining the ease in which members can obtain needed medical (or non-medical) services by county classification over time and for the CY 2019 time period. **Table 2** lists the access to care metrics, definitions, and the time period for which the metric was evaluated when available.

**Table 2. Access to Care Definitions<sup>1</sup>**

Metric	Definition	Time Period
Utilizers	The count of distinct utilizers	July 2017 – Dec 2019, Monthly
Providers	The count of active providers	July 2017 – Dec 2019, Monthly
Utilizers Per Provider (Panel Size)	Panel Size is the ratio of utilizers to active providers, and estimates average Medicaid members seen per provider	July 2017 – Dec 2019, Monthly

<sup>1</sup> The access to care analyses for some services also included drive time estimates. Drive time estimates were completed by the Department.

Metric	Definition	Time Period
Member to Provider Ratio	Expressed as providers per 1,000 total Medicaid members, and allows for comparison across areas with large differences in population size	CY 2019
Utilizer Density Map	Utilizer count by county of residence	CY 2019
Penetration Rate Map	The estimated share of total Medicaid members that received the service by county of residence expressed as per 1,000 members	CY 2019

All metrics are screened for personal health information (PHI).

## Data Validation

The Department provided two years and six months (July 2017 through December 2019) of eligibility data and fee-for-service (FFS) HCBS and TCM claims data to **Optumas**. The data validation process included utilization and dollar volume summaries over time which were validated against the Department's expectations, as well as **Optumas'** expectations based on prior analyses in order to identify potential inconsistencies. In addition, a frequency analysis was performed to examine valid values appearing across all fields contained in the data. Overall, results of this process suggested that the CY 2019 data for BI, CMHS, DD, EBD, SCI, SLS, CLLI, CES, CHRP, CHCBS, and TCM is reliable.

Next, the data was reviewed to determine the relevant utilization after accounting for applicable exclusions. The exclusion criteria adhere to the general guidelines set forth in the Rate Review Schedule:<sup>2</sup>

- Claims attributed to members that are non-TXIX Medicaid eligible, i.e., Child Health Plan *Plus* (CHP+) program; and
- Claims attributed to members with no corresponding eligibility span; and

Furthermore, for the rate comparison benchmark, the validation process included several additional exclusions:

- Consumer Directed Attendant Support Services (CDASS) claims with procedure codes T2025 and T2040 are reimbursed as part of the CDASS delivery model, in which beneficiaries have the flexibility to pay for services at their discretion and thus removed;
- Procedure codes that are negotiated rates such as personal emergency response systems do not have a rate for comparison;
- Procedure code A0100 (taxi) contain rates controlled by the Public Utilities Commission;
- Procedure codes paid at \$1.00 per unit are manually priced and facility specific rates; and
- Procedure codes that do not have a comparable other states rate.

<sup>2</sup> See the [Rate Review Schedule](#) on the Department's Medicaid Provider Rate Review Advisory Committee (MPRRAC) website.

The base data summary and exclusions from the CY 2019 base data can be found in **Appendix C1**. The number of excluded codes for each service group is shown in **Table 3**:

**Table 3. Count of Codes\***

Waiver	CDASS	Negotiated Rate	Public Utility Commission	Other Undefined Rates	No Comparable Rate
BI	2	4	2	1	0
CMHS	2	5	2	0	0
DD	0	3	0	6	2
EBD	2	5	2	0	0
SCI	2	5	2	0	0
SLS	3	0	0	14	1
CLLI	0	0	0	0	1
CES	0	0	0	10	0
CHRP	0	0	0	0	0
CHCBS	0	0	0	0	0
TCM	0	0	0	0	0

\*Figures represent unique combinations of procedure codes and modifiers.

Services were priced to the Colorado Medicaid fee schedules at the procedure code and modifier level. The detailed summary of exclusions from the CY 2019 base data can be found in **Appendix C2**.

CY 2019 claims data was selected as the base data of the repricing analysis because it yields an annualized result derived from the most recent experience. There is an inherent processing lag in claims between the time a claim is incurred when it is billed. Claims rendered in any given month can take weeks or months to be reported in the claims system. The claims data for HCBS waiver and TCM services was provided with seven months of claims runout. While the raw claims data reflects the vast majority of FFS experience for HCBS waiver and TCM services in CY 2019, a small incurred but not reported (IBNR) adjustment was performed to better estimate an annualized level of utilization after all services rendered have been fully realized. The IBNR utilization completion factors derived from this analysis for each service group can be found in **Appendix C3**.

After the data validations steps, the rate comparison benchmark analysis is performed.

## Rate Comparison Benchmark Analysis

The first steps in the rate comparison benchmark analysis were identifying the other payer sources and the repricing validations. Home and Community Based Services (HCBS) and Targeted Case Management (TCM) comprise services unique to Medicaid programs, and therefore comparisons were made between Health First Colorado and other states Medicaid programs. To identify comparable rates, publicly available documentation on Appendix J of other states' 1915(c) waiver applications (the demonstration of cost neutrality) was referenced. This section of each application reports the projected yearly average

unit cost for all covered services throughout the waiver approval period. The waiver year corresponding to the same or similar basis as Colorado's July 1, 2020 fee schedule was chosen.

Payment rates were compared with those of Connecticut, Illinois, Montana, Ohio, Oklahoma, and Utah. Among these states, it was notably difficult to locate appropriate comparisons for Children's waivers CLLI and CHRP services. Therefore, an additional effort was made to incorporate states that could produce more complete results for these waivers only. North Dakota and Wisconsin's children's specific waivers were included to target comparable rates for Colorado Medicaid Children's waivers.

The matching of services required a reasonable understanding of services as well as the service per unit denomination. For instance, using procedure codes and modifiers to assign comparable rates was not possible because each state devises its own system of HCBS and TCM coding. Instead, individual service descriptions from each state were checked against those of Colorado and used to determine whether services were reasonably equivalent. Whenever possible, rates from similar waivers and similar populations covered were prioritized for matching. When multiple rates across waivers were available within a State, an average across the waivers was utilized in the comparison.

Additionally, even when states agree on what a particular service entails, they may not define a unit of that service in the same manner (i.e. one state may measure service time visits; another may use 15-minute increments). Due to these differences, assumptions were made to compare most services in Colorado with those of other states.

The range of ratios derived from comparing Health First Colorado rates to those other states is shown by service group in **Table 4**:

**Table 4. Rate Ratio Ranges by Comparison Source**

Waiver	CT	IL	MT	ND
BI	58.52% -421.19%	78.83% -441.5%	65.96% -362.88%	n/a
CMHS	58.52% -225.69%	63.43% -238.58%	35.9% -227.76%	n/a
DD	24.35% -225.69%	54.83% -418.13%	36.56% -337.52%	n/a
EBD	58.52% -225.69%	63.43% -238.58%	32.87% -227.76%	n/a
SCI	69.46% -177.09%	86.81% -238.58%	63.79% -227.76%	n/a
SLS	24.35% -248.33%	54.83% -418.13%	36.56% -337.52%	n/a
CLLI	n/a	44.77% -184.47%	40.65% -294.74%	40.18% -141.63%
CES	n/a	66.35% -102.14%	40.52% -163.45%	121.19%
CHRP	115.91% -178.36%	49.64% -115.88%	72.32% -185.15%	n/a
CHCBS	36.24%	89.51%	75.2%	34.37%

Table 4. Continued

Waiver	OH	OK	UT	WI
BI	54.21% -205.84%	70.92% -322%	90.41% -334.46%	n/a
CMHS	42.12% -170.43%	51.89% -222.55%	73.24% -334.46%	n/a
DD	25.39% -480.37%	34.86% -346.62%	31.67% -244.98%	n/a
EBD	42.12% -205.84%	51.89% -222.55%	73.24% -334.46%	n/a
SCI	64.36% -205.84%	70.05% -202.95%	57.08% -334.46%	n/a
SLS	25.39% -339.49%	34.86% -346.62%	32.8% -244.98%	n/a
CLLI	131.64% -365.38%	44.35% -490%	60.42% -135.53%	64.67% -339.58%
CES	106.96% -339.49%	44.2% -271.3%	58.23% -151.15%	113.83% -188.01%
CHRP	234.18% -343.13%	78.89% -307.81%	61.27% -185.15%	71.51% -213.32%
CHCBS	87.86%	122.61%	78.96%	143.64%

As an example, the first set of figures in **Table 4** can be interpreted to mean that when comparing BI waiver services to the Connecticut 1915(c) waiver average, the Colorado Medicaid rates were anywhere from 58.52% and 421.19% of the other state benchmark, Connecticut.

The final step consisted of applying the CY 2019 base utilization to reprice claims at Health First Colorado's latest available fee schedule as well as the matched other states rates for all services except TCM. This entailed multiplication of utilization and the corresponding rates from each source, followed by subtraction of third-party liability (TPL) and copayments to calculate the estimated total dollars that would theoretically be reimbursed by each source.

Estimated expenditures were only compared for the subset of HCBS waiver and TCM services that are common between Health First Colorado and another source. In other words, if no comparable rate could be found for a specific service offered in Health First Colorado, then the associated utilization and costs were not shown within the comparison results.

In the payment comparison sections of the narrative that follow, more detailed information can be found on the assumptions used for other states included in the rate comparison benchmark. The State Health First Colorado's latest fee schedule was unable to be applied to the TCM base data, and instead a rate-to-rate comparison to other states with a similar PMPM methodology will be reviewed.

## Adult HCBS Payment Comparison

The Home and Community Based Services (HCBS) adult waivers; Brain Injury Waiver (BI), Community Mental Health Supports Waiver (CMHS), Developmental Disabilities Waiver (DD), Elderly, Blind and Disabled Waiver (EBD), Spinal Cord Injury Waiver (SCI), and Supported Living Services Waiver (SLS) include the following services for the 2021 Medicaid Provider Rate Review Analysis Report analyses:

- Adult Day Services
- Assisted Living Facility
- Community Transitions
- Day Habilitation
- Home Delivered Meals
- Non-Medical Transportation
- Prevocational Services
- Professional Therapy Services
- Residential Habilitation
- Respite

- IHSS Health Maintenance
- Homemaker / IHSS Homemaker
- Personal Care / IHSS Personal Care
- Supported Employment
- Therapy, Behavioral
- Life Skills Training/Independent Life Skills Training (ILST)

Payment rates were compared with those of Connecticut, Illinois, Montana, Ohio, Oklahoma, and Utah. Although most rate comparisons between Colorado Medicaid services to the other states' 1915(c) waiver application's service and unit definitions are straight forward, there are instances that require more complex assumptions. A list of those assumptions are as follows:

1. Colorado Medicaid's adult day services in the EBD, CMHS, and SCI waivers are listed as a half day (3-5 hours of service) rate, and Connecticut has multiple waivers with an adult day service reported in both per half day and per diem rates. Connecticut's per diem rates were divided by two, and a straight average across all relevant waivers is calculated.
2. It was determined that a general nursing rate was a reasonable comparator to other states after reviewing the definition of Colorado Medicaid's health maintenance service and receiving direction from the State. Health maintenance contained comparable nursing rates in Illinois, Montana, Ohio, Oklahoma, Utah, and Wisconsin's Children waiver.
3. Where appropriate, other states' hourly respite rates were multiplied by 6.5 hours to estimate a daily rate comparable to that of Colorado's per diem rate.<sup>3</sup>
4. We have only included Illinois' 1915(c) DD FFS for comparison. Illinois enrolls Medicaid beneficiaries on a mandatory basis into the managed care organizations, which is a full-risk capitated program, except for the Developmentally Disabled (DD) waivers.
5. Colorado's Residential Habilitation rates are split by group vs. individual and by level, while the other states 1915(c) waiver services did not include this level of detail. The other states service description was reviewed to determine if it was an appropriate comparator and when deemed reasonable, the general daily rate within each state's waiver was applied across all of Colorado's residential habilitation services.
6. The "per trip" average rate reported on the other states 1915(c) waivers were included as comparators across all "trip" based codes in Colorado's non-emergent transportation service regardless of mileage band description.
7. Colorado recently changed the billing for Independent Life Skills Training (ILST) services provided under the BI waiver from billing hour units to 15-minute units. The CY19 units were multiplied by 4 to convert from hour units to 15-minute units. Reference unit costs from Connecticut are for

<sup>3</sup> This methodology was used for EBD and SCI per diem respite rates, which are limited to 6.5 hours. Other per diem respite rates were compared to other states' per diem respite rates; 15-minute units were compared to other states' 15-minute unit rates, or hourly rates divided by four to estimate a 15-minute unit rate comparable to that of Colorado.



hour units, so they were divided by four to be comparable to Colorado. Montana reimburses on a 15-minute interval, so no edits were needed to be comparable to the new Colorado billing practice.

Adult HCBS results are presented in **Table 5** with Colorado's expenditures described as a percentage of each state net of TPL and co-payments.

**Table 5a. Benchmark Comparison Results by Waiver and State**

Colorado as a percent of the Benchmark						
Waiver	CT	IL	MT	OH	OK	UT
BI	124.63%	164.44%	98.12%	115.09%	119.94%	115.97%
CMHS	87.93%	81.24%	46.65%	97.61%	112.93%	97.77%
DD	96.30%	151.36%	107.97%	113.04%	112.84%	72.91%
EBD	87.31%	85.69%	79.48%	102.55%	113.20%	102.02%
SCI	94.45%	92.97%	81.12%	92.08%	95.24%	84.11%
SLS	52.28%	131.95%	81.20%	117.88%	118.65%	67.53%

**Table 5b. Benchmark Comparison Results by Service and State**

Colorado as a percent of the Benchmark						
Service	CT	IL	MT	OH	OK	UT
Adult Day Services	74.89%	70.73%	78.40%	131.84%	93.00%	81.80%
Assisted Living Facility	86.86%		38.29%	93.42%	107.78%	93.03%
Community Transitions			65.89%	75.00%	62.50%	307.32%
Day Habilitation	41.11%	159.52%	76.56%	200.80%	114.71%	55.38%
Home Delivered Meals	225.69%		203.86%	170.43%	222.55%	161.50%
Homemaker	116.96%		117.63%	118.31%	162.15%	106.51%
IHSS Health Maintenance		89.15%	75.37%	86.40%	97.63%	78.96%
IHSS Homemaker	112.22%		111.76%	111.93%	154.06%	101.02%
IHSS Personal Care	84.89%		99.48%	110.33%	122.94%	120.46%
Life Skills Training/ILST	199.58%		96.59%			
Non-Medical Transportation	67.73%	91.25%	87.11%	62.51%	133.10%	127.92%
Personal Care	85.44%		100.12%	111.04%	123.74%	121.24%
Prevocational Services	47.98%		176.10%	164.45%	111.50%	44.08%
Professional Therapy Services		207.46%	87.17%	291.45%	95.28%	66.39%
Residential Habilitation	139.58%	146.31%	120.26%		106.71%	74.13%
Respite	133.50%	68.15%	106.10%	157.37%	158.86%	110.62%
Supported Employment	84.54%	242.34%	76.75%	56.59%	219.23%	76.29%
Therapy, Behavioral	93.43%	345.30%	175.89%		102.20%	163.06%



**Table 5a** is interpreted to mean that for BI services under review, Colorado Medicaid pays an estimated 124.63% of what Connecticut paid (or 24.63% more than Connecticut). **Table 5b** is similar but shows the results by high-level service type rather than waiver type. Detailed comparison results by waiver can be found in **Appendix C4**.

## Children's HCBS Payment Comparison

The Home and Community Based Services (HCBS) children's waivers: Children with Life Limiting Illness Waiver (CLLI); Children's Extensive Support Waiver (CES); Children's Habilitation Residential Program Waiver (CHRP); and Children's Home and Community Based Services Waiver (CHCBS) include the following services for review in the 2021 Medicaid Provider Rate Review Analysis Report:

- Community Connector
- IHSS Health Maintenance
- Homemaker
- Foster Home
- Professional Therapy Services
- Group Home
- Respite
- Care Coordination
- Case Management
- Pain and Symptom Management

In addition to Connecticut, Illinois, Montana, Ohio, Oklahoma, and Utah payment rates, North Dakota and Wisconsin's children's specific waivers were included to target comparable rates for Colorado Medicaid Children's waivers. Whenever possible, other states children's waivers were prioritized for matching against Colorado Medicaid's children's waivers. If there were insufficient comparators, then other states' waivers across all ages were included. Some specific assumptions made include the following:

1. North Dakota's 1915(c) Children's Hospice waiver is utilized as a comparator to Colorado CLLI waiver, and is the only comparator for palliative services.
2. CHRP's Foster Home service was compared against the simple average of Wisconsin's Children's Long-Term Care and Supports waiver and Montana's Big Sky waiver.
3. Colorado's Children's Case Management service was compared against children specific waivers from Connecticut and North Dakota.
4. Similar to the assumption made in the Adult's Respite service, the other states 15-minute and hourly rates were multiplied to calculate a 6.5-hour rate in comparison to Colorado's daily respite rates. Only children specific waivers were included for the respite service comparison.

Children's HCBS results are presented in **Table 6** with Colorado's expenditures described as a percentage of each state net of TPL and co-payments.

**Table 6. Benchmark Comparison Results by Waiver and State**

Colorado as a percent of the Benchmark								
Waiver	CT	IL	MT	ND	OH	OK	UT	WI
CES	n/a	68.19%	105.23%	121.19%	211.08%	148.93%	97.36%	126.12%
CHCBS	36.24%	89.51%	75.20%	34.37%	87.86%	122.61%	78.96%	143.64%

CHRP	157.17%	67.97%	143.78%	n/a	306.81%	121.67%	84.09%	124.26%
CLLI	n/a	58.42%	84.60%	100.41%	286.04%	97.81%	64.58%	134.88%

**Table 6** is interpreted to mean that for the CES waiver services under review, Colorado Medicaid pays an estimated 5.23% more than Montana. Detailed comparison results by waiver can be found in **Appendix C4**.

## Combined Adult and Children's HCBS Payment Comparison

The overall HCBS results by service across all waivers are presented in **Table 7** with Colorado's expenditures described as a percentage of each state net of TPL and co-payments.

**Table 7. Benchmark Comparison Results by Service and State**

Colorado as a percent of the Benchmark								
Waiver	CT	IL	MT	ND	OH	OK	UT	WI
All	87.26%	126.34%	87.53%	45.48%	105.10%	114.10%	83.10%	138.79%

**Table 8** summarizes the payment comparison and estimated fiscal impact in aggregate other states average.

**Table 8. Estimated Fiscal Impact**

Colorado as a Percentage of Benchmark	97.72%
Colorado Repriced Amount	\$1,026,663,091
Benchmark Repriced Amount	\$1,050,600,975
<b>Est. CY 2019 Total Fund Impact</b>	<b>\$23,937,883</b>

**Table 8** is interpreted to mean that for HCBS services under review, Colorado Medicaid pays an estimated 2.44% less than the other states average. Had Colorado Medicaid reimbursed at 100.00% of the benchmark rates in CY 2019, the estimated Total Fund impact would be \$25,596,039. Detailed comparison results by service can be found in **Appendix C5**.

## TCM Rate Comparison

As noted above, paying consideration to the payment methodology change from a procedure-code-based fee schedule to a per-member-per-month (PMPM) reimbursement for Targeted Case management (TCM), the department has decided to forgo Colorado Medicaid repricing, and instead compare only Colorado Medicaid rates to other states with a similar PMPM methodology without adjusting for utilization.

Colorado's Medicaid Targeted Case Management PMPM per the July 1, 2020 fee schedule is \$138.29. The range of ratios derived from comparing Colorado Medicaid TCM PMPM to those other states is shown in **Table 9**:

**Table 9. Rate Ratio Ranges by Comparison Source**

State	Source	Service	PMPM	Rate Ratio
UT	1915(c) Community Supports Waiver	Waiver Support Coordination	\$207.88	66.52%
MT	1915(c) 0208 HCBS DD Waiver	Case Management	\$134.82	102.57%
IN	1915(c) Aged and Disabled Waiver	Care Management	\$134.33	102.95%
CT	1915(c) HCBS for Elders Waiver	Care Management Daily Rate * 30	\$152.70	90.56%

## Access to Care

This year, the Department contracted with **Optumas** to analyze access to care metrics for Year One, Cycle 2. These metrics inform the Department about the ease with which members can access these services and patterns over time. The metrics analyzed included:

1. **Distinct utilizers over time by county classification** showing the monthly number of members that receive a service in each county classification of residence. Utilizers are identified by their unique Member ID;
2. **Active providers over time by county classification** showing the monthly number of providers providing services to members residing in each county classification residence. Providers are identified by their rendering provider Medicaid ID for all service groups except for HH and PDN, for which the billing provider's Medicaid ID was considered the unique provider identifier;
3. **Utilizers per Provider (Panel Size) over time by county classification** estimating the number of utilizers per provider actively servicing members who reside in that county classification;
4. **Member-to-Provider Ratios by county classification in CY 2019** which is useful in normalizing, and eventually standardizing, the supply of active providers relative to total membership in different county classifications;
5. **Utilizer Density by county in CY 2019** showing on a map the geographic distribution and prevalence of members utilizing each service group, and;
6. **Penetration Rates by county in CY 2019** showing on a map the relative share of members utilizing each service group across different counties, normalizing for the total number of Medicaid members residing in each county expressed as per 1,000.

For the definition of each metric, please view Table 2 above. More detailed information including data visualization is included in the main body of the Department's 2021 Medicaid Provider Rate Review Analysis Report (the report).

## Data Validation

The access to care analysis applies the following exclusion criteria to the HCBS and TCM data from July 2017 through December 2019 FFS claims data the Department provided as part of the rate review analysis:

- Claims attributed to members that are non-TXIX Medicaid eligible, i.e. Child Health Plan *Plus* (CHP+) program; and
- Claims attributed to members with no corresponding eligibility span;

No other adjustments are made to the access to care data.

### *Interpretation of Results*

To address access to care for HCBS waiver and TCM services, different partitions in the data are analyzed to enhance the value and actionability of the results. There are considerations to be made at different levels of aggregation and data partitioning to accurately interpret what the summarized figures and distinct counts represent. Distinct counts of members and providers, when grouped by different dimensions, will have varying degrees of duplication and may not be directly summed to arrive back at total, undivided distinct utilizer and provider counts. The main type of data partition is discussed below, along with considerations one should make when accurately interpreting access to care results.

### *Geographic Partitions*

Geographic partitions are arranged in the access metrics because they provide important distinctions when comparing and evaluating access to care for members residing in similar and dissimilar geographic locations. The utilizer and member counts grouped by county and county classification are nonduplicative when analyzed monthly but may be duplicative at the CY 2019 aggregate level. However, the active provider counts grouped by county and county classification maintain potential for duplication even within a single month because these geographic partitions represent the county of residence for the utilizers in the data. For example, if a member resided in both an urban and rural county during the CY 2019 time period, that member would contribute to both the urban CY 2019 total utilizer counts as well as the rural CY 2019 total utilizer counts for the service groups applicable to this member. To the degree that members residing in multiple counties were able to access a single provider within a given month, that provider contributes to the active provider counts for all counties in which that provider's panel resides. Although this duplication does not adversely impact the informational value of the annualized access metrics, it should be considered when interpreting the aggregated results.

The following appendices provide more detailed rate comparison benchmark summaries and results that were introduced and discussed in the narrative.

## Appendix C1: Base Data Summary

	HCBS	TCM
Base Data CY 2019	\$1,195,790,451	\$35,093,050
Exclusions		
Non-TXIX	\$85,631	\$2,277
No Eligibility Span	\$1,682,596	\$80,631
CDASS	\$139,952,744	\$0
Negotiated Rate	\$49,182,101	\$0
Public Utility Commission	\$4,740,312	\$0
Other Undefined Rates	\$27,993,271	\$0
No Comparable Rate	\$33,471	\$0
Total Exclusions	\$223,670,126	\$82,908
Repricing Base		
Year Six Base Data	\$972,120,325	\$35,010,142
Percentage of Raw	81.30%	99.76%

Note: as an example, the HCBS final figures in the above table can be interpreted to mean that 81.30% (accounting for \$972,120,325 in raw, unadjusted paid dollars) of the CY 2019 data provided by the Department was appropriate for use in the payment rate comparison analysis.

## Appendix C2: Exclusions Detail

Waiver	Procedure Code	Procedure Description	Mod 1	Mod 2	Mod 3	Mod 4	Reason for Exclusion	Paid Amount
EBD	T2025	WAIVER SERVICE, NOS	U1				CDASS	\$120,775,134
DD	T2016	HABIL RES WAIVER PER DIEM	U3	SC	HQ		Negotiated Rate	\$24,622,942
BI	T2033	RES, NOS WAIVER PER DIEM	U6				Other Undefined Rates	\$18,676,683
EBD	S5161	EMER RSPNS SYS SERV PERMONTH	U1				Negotiated Rate	\$6,982,065
EBD	S5165	HOME MODIFICATIONS PER SERV	U1				Negotiated Rate	\$6,134,314
CMHS	T2025	WAIVER SERVICE, NOS	UA				CDASS	\$4,713,438
DD	T2016	HABIL RES WAIVER PER DIEM	U3	SC			Negotiated Rate	\$4,599,717
SCI	T2025	WAIVER SERVICE, NOS	U1	SC			CDASS	\$3,982,747
EBD	T2040	FINANCIAL MGT WAIVER/15MIN	U1				CDASS	\$3,775,198
DD	T2016	HABIL RES WAIVER PER DIEM	U3	SC	TT		Negotiated Rate	\$3,481,143
BI	T2025	WAIVER SERVICE, NOS	U6				CDASS	\$3,249,278
SLS	T2025	WAIVER SERVICE, NOS	U8	SE			CDASS	\$1,875,305
EBD	S5185	MED REMINDER SERV PER MONTH	U1				Negotiated Rate	\$1,859,433
EBD	A0100	NONEMERGENCY TRANSPORT TAXI	U1				Public Utility Commission	\$1,663,006
DD	T2004	N-ET; COMMERC CARRIER PASS	U3				Other Undefined Rates	\$1,380,597
CES	S5151	UNSKILLED RESPITECARE /DIEM	U7	HQ			Other Undefined Rates	\$1,370,805
CMHS	A0100	NONEMERGENCY TRANSPORT TAXI	UA				Public Utility Commission	\$1,319,440
EBD	A0100	NONEMERGENCY TRANSPORT TAXI	U1	HB			Public Utility Commission	\$1,261,691
SLS	T2025	WAIVER SERVICE, NOS	U8				CDASS	\$1,109,941
SLS	T2004	N-ET; COMMERC CARRIER PASS	U8				Other Undefined Rates	\$1,072,337
CES	S5165	HOME MODIFICATIONS PER SERV	U7				Other Undefined Rates	\$988,113
SLS	S5151	UNSKILLED RESPITECARE /DIEM	U8	HQ			Other Undefined Rates	\$618,045
DD	V2799	MISC VISION ITEM OR SERVICE	U3				Other Undefined Rates	\$606,127
DD	T2028	SPECIAL SUPPLY, NOS WAIVER	U3				Other Undefined Rates	\$459,003
CMHS	S5161	EMER RSPNS SYS SERV PERMONTH	UA				Negotiated Rate	\$458,695
SLS	S5165	HOME MODIFICATIONS PER SERV	U8				Other Undefined Rates	\$411,572
CMHS	S5185	MED REMINDER SERV PER MONTH	UA				Negotiated Rate	\$379,680
CES	T2028	SPECIAL SUPPLY, NOS WAIVER	U7				Other Undefined Rates	\$369,076
CES	T2039	VEHICLE MOD WAIVER/SERVICE	U7				Other Undefined Rates	\$291,699
SLS	V2799	MISC VISION ITEM OR SERVICE	U8				Other Undefined Rates	\$287,449
DD	T2029	SPECIAL MED EQUIP, NOSWAIVER	U3				Other Undefined Rates	\$251,268
CMHS	T2040	FINANCIAL MGT WAIVER/15MIN	UA				CDASS	\$237,129
CES	T2035	UTILITY SERVICES WAIVER	U7				Other Undefined Rates	\$223,186
BI	A0100	NONEMERGENCY TRANSPORT TAXI	U6	HB			Public Utility Commission	\$212,844
EBD	S5160	EMER RESPONSE SYS INSTAL&TST	U1				Negotiated Rate	\$180,653
SLS	T2039	VEHICLE MOD WAIVER/SERVICE	U8				Other Undefined Rates	\$167,711
CES	S5199	PERSONAL CARE ITEM NOS EACH	U7				Other Undefined Rates	\$164,830

## Appendix C2: Exclusions Detail | Optumas

SLS	T2036	CAMP OVERNITE WAIVER/SESSION	U8				Other Undefined Rates	\$154,796
BI	S5165	HOME MODIFICATIONS PER SERV	U6				Negotiated Rate	PHI
CMHS	S5165	HOME MODIFICATIONS PER SERV	UA				Negotiated Rate	\$135,210
BI	A0100	NONEMERGENCY TRANSPORT TAXI	U6				Public Utility Commission	\$115,416
CES	T2036	CAMP OVERNITE WAIVER/SESSION	U7				Other Undefined Rates	\$114,726
SCI	T2040	FINANCIAL MGT WAIVER/15MIN	U1	SC			CDASS	\$100,424
SLS	T2028	SPECIAL SUPPLY, NOS WAIVER	U8				Other Undefined Rates	\$92,040
CMHS	A0100	NONEMERGENCY TRANSPORT TAXI	UA	HB			Public Utility Commission	\$75,582
CES	T2029	SPECIAL MED EQUIP, NOSWAIVER	U7				Other Undefined Rates	\$74,784
BI	T2040	FINANCIAL MGT WAIVER/15MIN	U6				CDASS	\$73,929
SLS	T2035	UTILITY SERVICES WAIVER	U8				Other Undefined Rates	\$72,968
BI	S5161	EMER RSPNS SYS SERV PERMONTH	U6				Negotiated Rate	\$70,633
SLS	T2040	FINANCIAL MGT WAIVER/15MIN	U8				CDASS	\$60,220
SCI	A0100	NONEMERGENCY TRANSPORT TAXI	U1	SC			Public Utility Commission	\$56,232
EBD	T2029	SPECIAL MED EQUIP, NOSWAIVER	U1				Negotiated Rate	\$47,060
SLS	S5161	EMER RSPNS SYS SERV PERMONTH	U8				Other Undefined Rates	\$41,388
CES	T1999	NOC RETAIL ITEMS ANDSUPPLIES	U7				Other Undefined Rates	\$39,384
SCI	A0100	NONEMERGENCY TRANSPORT TAXI	U1	SC	HB		Public Utility Commission	\$36,102
SLS	T2029	SPECIAL MED EQUIP, NOSWAIVER	U8				Other Undefined Rates	\$34,049
CLLI	S0257	END OF LIFE COUNSELING	UD	HK			No Comparable Rate	PHI
BI	T2029	SPECIAL MED EQUIP, NOSWAIVER	U6				Negotiated Rate	\$26,568
CES	H1010	NONMED FAMILY PLANNING ED	U7				Other Undefined Rates	\$26,209
SCI	S5161	EMER RSPNS SYS SERV PERMONTH	U1	SC			Negotiated Rate	\$22,971
SCI	S5165	HOME MODIFICATIONS PER SERV	U1	SC			Negotiated Rate	PHI
CMHS	S5160	EMER RESPONSE SYS INSTAL&TST	UA				Negotiated Rate	\$13,864
CMHS	T2029	SPECIAL MED EQUIP, NOSWAIVER	UA				Negotiated Rate	\$9,732
SCI	S5185	MED REMINDER SERV PER MONTH	U1	SC			Negotiated Rate	\$3,139
SLS	S5199	PERSONAL CARE ITEM NOS EACH	U8				Other Undefined Rates	\$2,315
BI	S5160	EMER RESPONSE SYS INSTAL&TST	U6				Negotiated Rate	\$2,065
SLS	D2999	DENTAL UNSPEC RESTORATIVE PR	U8	22			Other Undefined Rates	\$1,009
DD	D2999	DENTAL UNSPEC RESTORATIVE PR	U3	22			Other Undefined Rates	\$700
SCI	S5160	EMER RESPONSE SYS INSTAL&TST	U1	SC			Negotiated Rate	PHI
SLS	H2015	COMP COMM SUPP SVC, 15 MIN	U8				No Comparable Rate	\$343
DD	D2999	DENTAL UNSPEC RESTORATIVE PR	U3				Other Undefined Rates	\$271
DD	H2015	COMP COMM SUPP SVC, 15 MIN	U3				No Comparable Rate	\$257
SLS	H2024	SUPPORTED EMPLOY, PER DIEM	U8				Other Undefined Rates	\$107
DD	T2024	SERV ASMNT/CARE PLAN WAIVER					No Comparable Rate	PHI
SCI	T2029	SPECIAL MED EQUIP, NOSWAIVER	U1	SC			Negotiated Rate	PHI
SLS	D2999	DENTAL UNSPEC RESTORATIVE PR	U8				Other Undefined Rates	PHI



## Appendix C3: Utilization IBNR

Service Group	Utilization Factor
BI	0.9877
CMHS	0.9916
DD	0.9829
EBD	0.9896
SCI	0.9860
SLS	0.9812
CES	0.9897
CHCBS	0.9983
CHRP	0.9936
CLLI	0.9961
TCM	0.9944

Note: as an example, the first figure in this table can be interpreted as an estimate that the raw utilization data for BI represents 98.77% of the true total expected for CY 2019 after all claims run-out has been reported in the payment system.

## Appendix C4: HCBS Waiver Results by State

These appendices show the repriced amounts, match rates, and Colorado as a percent of each State.

### Connecticut

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Connecticut
BI	\$4,188,806	\$3,360,911	100.00%	124.63%
CMHS	\$43,956,971	\$49,989,503	100.00%	87.93%
DD	\$459,457,939	\$477,127,406	100.00%	96.30%
EBD	\$308,995,865	\$353,920,582	80.52%	87.31%
SCI	\$868,213	\$919,278	25.13%	94.45%
SLS	\$60,622,562	\$115,958,296	97.24%	52.28%
CES	\$0	\$0	0.00%	0.00%
CHCBS	\$1,948,899	\$5,377,641	4.48%	36.24%
CHRP	\$165,920	\$105,565	10.78%	157.17%
CLLI	\$0	\$0	0.00%	0.00%
<b>Total</b>	<b>\$878,547,018</b>	<b>\$1,006,759,183</b>	<b>85.71%</b>	<b>87.26%</b>

### Illinois

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Illinois
BI	\$207,687	\$126,297	8.21%	164.44%
CMHS	\$1,140,100	\$1,403,435	2.59%	81.24%
DD	\$457,799,580	\$302,463,507	99.64%	151.36%
EBD	\$106,355,768	\$124,118,873	27.71%	85.69%
SCI	\$2,462,373	\$2,648,673	71.27%	92.97%
SLS	\$40,967,721	\$31,047,952	65.71%	131.95%
CES	\$9,608,504	\$14,090,700	40.22%	68.19%
CHCBS	\$41,509,918	\$46,376,386	95.52%	89.51%
CHRP	\$169,836	\$249,875	11.03%	67.97%
CLLI	\$46,474	\$79,557	7.52%	58.42%
<b>Total</b>	<b>\$660,267,962</b>	<b>\$522,605,256</b>	<b>64.42%</b>	<b>126.34%</b>

## Appendix C4: HCBS Waiver Results by State | Optumas

### Montana

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Montana
BI	\$4,188,806	\$4,269,233	100.00%	98.12%
CMHS	\$43,958,480	\$94,236,412	100.00%	46.65%
DD	\$459,457,947	\$425,522,641	100.00%	107.97%
EBD	\$383,753,873	\$482,814,558	100.00%	79.48%
SCI	\$3,454,973	\$4,259,266	100.00%	81.12%
SLS	\$62,169,974	\$76,561,914	99.72%	81.20%
CES	\$17,421,745	\$16,556,419	72.93%	105.23%
CHCBS	\$41,509,918	\$55,199,865	95.52%	75.20%
CHRP	\$1,539,286	\$1,070,618	100.00%	143.78%
CLLI	\$563,134	\$665,623	91.07%	84.60%
<b>Total</b>	<b>\$1,016,359,980</b>	<b>\$1,161,156,549</b>	<b>99.16%</b>	<b>87.53%</b>

### North Dakota – Children’s Only

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of North Dakota
CES	\$739,013	\$609,787	3.09%	121.19%
CHCBS	\$1,948,899	\$5,670,526	4.48%	34.37%
CHRP	\$0	\$0	0.00%	0.00%
CLLI	\$308,119	\$306,851	49.83%	100.41%
<b>Total</b>	<b>\$2,996,032</b>	<b>\$6,587,165</b>	<b>0.29%</b>	<b>45.48%</b>

### Ohio

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Ohio
BI	\$1,871,920	\$1,626,540	73.97%	115.09%
CMHS	\$43,952,980	\$45,029,217	99.99%	97.61%
DD	\$118,110,475	\$104,484,664	25.71%	113.04%
EBD	\$383,625,925	\$374,104,730	99.97%	102.55%
SCI	\$3,051,247	\$3,313,669	88.31%	92.08%
SLS	\$60,105,169	\$50,989,183	96.41%	117.88%
CES	\$12,515,542	\$5,929,298	52.39%	211.08%
CHCBS	\$41,509,918	\$47,245,699	95.52%	87.86%
CHRP	\$764	\$249	0.05%	306.81%
CLLI	\$412,374	\$144,169	66.69%	286.04%
<b>Total</b>	<b>\$665,156,315</b>	<b>\$632,867,418</b>	<b>64.89%</b>	<b>105.10%</b>

## Appendix C4: HCBS Waiver Results by State | Optumas

### Oklahoma

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Oklahoma
BI	\$1,977,931	\$1,649,041	78.16%	119.94%
CMHS	\$43,952,980	\$38,921,582	99.99%	112.93%
DD	\$459,457,939	\$407,172,509	100.00%	112.84%
EBD	\$383,625,925	\$338,893,002	99.97%	113.20%
SCI	\$3,454,973	\$3,627,602	100.00%	95.24%
SLS	\$62,169,974	\$52,398,026	99.72%	118.65%
CES	\$17,421,745	\$11,697,823	72.93%	148.93%
CHCBS	\$41,509,918	\$33,856,003	95.52%	122.61%
CHRP	\$171,058	\$140,590	11.11%	121.67%
CLLI	\$563,134	\$575,737	91.07%	97.81%
<b>Total</b>	<b>\$1,014,305,576</b>	<b>\$888,931,916</b>	<b>98.96%</b>	<b>114.10%</b>

### Utah

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Utah
BI	\$1,977,931	\$1,705,588	78.16%	115.97%
CMHS	\$43,952,980	\$44,956,825	99.99%	97.77%
DD	\$459,457,939	\$630,159,189	100.00%	72.91%
EBD	\$383,625,925	\$376,021,719	99.97%	102.02%
SCI	\$3,247,881	\$3,861,330	94.01%	84.11%
SLS	\$61,444,084	\$90,986,154	98.56%	67.53%
CES	\$14,902,578	\$15,306,928	62.38%	97.36%
CHCBS	\$41,509,918	\$52,571,781	95.52%	78.96%
CHRP	\$170,293	\$202,523	11.06%	84.09%
CLLI	\$150,760	\$233,430	24.38%	64.58%
<b>Total</b>	<b>\$1,010,440,289</b>	<b>\$1,216,005,466</b>	<b>98.58%</b>	<b>83.10%</b>

### Wisconsin – Children's Only

Waiver	Colorado Repriced	Benchmark Repriced	Colorado Match Rate	Colorado as a Percent of Wisconsin
CES	\$12,190,750	\$9,665,779	51.03%	126.12%
CHCBS	\$41,509,918	\$28,897,719	95.52%	143.64%
CHRP	\$1,372,796	\$1,104,801	89.18%	124.26%
CLLI	\$563,134	\$417,506	91.07%	134.88%
<b>Total</b>	<b>\$55,636,599</b>	<b>\$40,085,806</b>	<b>5.43%</b>	<b>138.79%</b>

## Appendix C5: HCBS Waiver and Service Results by State

These appendices show the rate ranges and Colorado as a Percent of the Benchmark State utilized in the rate comparison benchmark analysis at the service level.

### Connecticut

Waiver	Service	CO Rate Range 7/20	CT Rate Range	CO Repriced	CO Repriced with a CT Rate	CT Repriced	% of CO Repriced with a CT Rate	CO as a % of CT
BI	Adult Day Services	\$77.30	\$90.44	\$410,834	\$410,834	\$480,688	100.00%	85.47%
BI	Independent Life Skills Training	\$11.91	\$5.97	\$2,210,875	\$2,210,875	\$1,107,758	100.00%	199.58%
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$16.17	\$101,676	\$101,676	\$102,790	100.00%	98.92%
BI	Personal Care	\$4.93	\$5.81	\$1,333,589	\$1,333,589	\$1,570,958	100.00%	84.89%
BI	Respite	\$5.64 - \$176.76	\$4.52 - \$117.63	\$25,821	\$25,821	\$18,288	100.00%	141.19%
BI	Therapy, Behavioral	\$14.71	\$22.69	\$41,708	\$41,708	\$64,327	100.00%	64.84%
CMHS	Adult Day Services	\$31.31 - \$31.62	\$46.71	\$663,510	\$663,510	\$985,649	100.00%	67.32%
CMHS	Assisted Living Facility	\$64.89	\$74.71	\$31,253,241	\$31,253,241	\$35,981,657	100.00%	86.86%
CMHS	Community Transitions	\$1,500.00	\$0.00	PHI	PHI	PHI		
CMHS	Home Delivered Meals	\$11.45	\$5.07	\$25,229	\$25,229	\$11,178	100.00%	225.69%
CMHS	Homemaker	\$4.93	\$4.39	\$3,682,566	\$3,682,566	\$3,281,692	100.00%	112.22%
CMHS	Life Skills Training	\$11.91	\$5.97	\$5,500	\$5,500	\$2,756	100.00%	199.58%
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$16.17	\$476,590	\$476,590	\$487,591	100.00%	97.74%
CMHS	Personal Care	\$4.93	\$5.81	\$7,781,565	\$7,781,565	\$9,166,621	100.00%	84.89%
CMHS	Respite	\$88.08 - \$176.76	\$117.63	\$68,770	\$68,770	\$72,359	100.00%	95.04%
DD	Community Transitions	\$7.66	\$0.00	PHI	PHI	\$0		
DD	Day Habilitation	\$2.57 - \$10.38	\$10.56	\$76,269,560	\$76,269,560	\$173,764,522	100.00%	43.89%
DD	Home Delivered Meals	\$11.45	\$5.07	\$666	\$666	\$295	100.00%	225.69%
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$16.17	\$15,298,528	\$15,298,528	\$24,432,256	100.00%	62.62%
DD	Prevocational Services	\$2.57 - \$6.59	\$7.17	\$1,657,692	\$1,657,692	\$3,112,055	100.00%	53.27%
DD	Residential Habilitation	\$65.64 - \$245.69	\$110.06	\$332,486,308	\$332,486,308	\$238,203,249	100.00%	139.58%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

DD	Supported Employment	\$3.44 - \$14.2	\$8.1 - \$11.09	\$24,884,029	\$24,884,029	\$28,132,580	100.00%	88.45%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$22.69	\$8,861,156	\$8,861,156	\$9,482,448	100.00%	93.45%
EBD	Adult Day Services	\$31.31 - \$42.85	\$46.71	\$23,096,285	\$23,096,285	\$30,817,062	100.00%	74.95%
EBD	Assisted Living Facility	\$64.89	\$74.71	\$44,583,166	\$44,583,166	\$51,328,315	100.00%	86.86%
EBD	Community Transitions	\$7.66 - \$1500	\$0.00	\$35,732	\$0	\$0	0.00%	
EBD	Home Delivered Meals	\$11.45	\$5.07	\$109,922	\$109,922	\$48,705	100.00%	225.69%
EBD	Homemaker	\$4.93	\$4.39	\$27,039,466	\$27,039,466	\$24,096,022	100.00%	112.22%
EBD	IHSS Health Maintenance	\$7.43	\$0.00	\$74,722,277	\$0	\$0	0.00%	
EBD	IHSS Homemaker	\$4.93	\$4.39	\$14,489,154	\$14,489,154	\$12,911,903	100.00%	112.22%
EBD	IHSS Personal Care	\$4.93	\$5.81	\$51,955,005	\$51,955,005	\$61,202,574	100.00%	84.89%
EBD	Life Skills Training	\$11.91	\$5.97	\$125,716	\$125,716	\$62,990	100.00%	199.58%
EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$16.17	\$8,537,206	\$8,537,206	\$10,178,941	100.00%	83.87%
EBD	Personal Care	\$4.93	\$5.81	\$137,812,578	\$137,812,578	\$162,342,098	100.00%	84.89%
EBD	Respite	\$5.64 - \$176.76	\$4.52 - \$117.63	\$1,247,369	\$1,247,369	\$931,973	100.00%	133.84%
SCI	Adult Day Services	\$42.85	\$46.71	\$42,191	\$42,191	\$45,995	100.00%	91.73%
SCI	Homemaker	\$4.93	\$4.39	\$129,797	\$129,797	\$115,668	100.00%	112.22%
SCI	IHSS Health Maintenance	\$7.43	\$0.00	\$2,183,034	\$0	\$0	0.00%	
SCI	IHSS Homemaker	\$4.93	\$4.39	\$136,962	\$136,962	\$122,053	100.00%	112.22%
SCI	IHSS Personal Care	\$4.93	\$5.81	\$185,542	\$185,542	\$218,567	100.00%	84.89%
SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$16.17	\$40,513	\$40,513	\$28,787	100.00%	140.74%
SCI	Personal Care	\$4.93	\$5.81	\$323,312	\$323,312	\$380,859	100.00%	84.89%
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$0.00	\$403,725	\$0	\$0	0.00%	
SCI	Respite	\$5.64 - \$176.76	\$4.52 - \$117.63	\$9,894	\$9,894	\$7,349	100.00%	134.63%
SLS	Day Habilitation	\$2.57 - \$7.03	\$10.56	\$28,080,736	\$28,080,736	\$80,073,974	100.00%	35.07%
SLS	Homemaker	\$4.45 - \$10.91	\$4.39	\$6,406,535	\$6,406,535	\$4,361,837	100.00%	146.88%
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$0 - \$16.17	\$6,083,823	\$5,910,406	\$9,601,042	97.15%	61.56%
SLS	Personal Care	\$5.78	\$5.81	\$6,730,159	\$6,730,159	\$6,762,180	100.00%	99.53%
SLS	Prevocational Services	\$2.57 - \$6.59	\$7.17	\$921,757	\$921,757	\$2,264,406	100.00%	40.71%
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$0.00	\$1,547,412	\$0	\$0	0.00%	

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

SLS	Respite	\$5.64 - \$225.72	\$4.52 - \$117.63	\$7,105,271	\$7,105,271	\$5,304,782	100.00%	133.94%
SLS	Supported Employment	\$3.44 - \$14.2	\$8.1 - \$11.09	\$4,050,997	\$4,050,997	\$6,091,896	100.00%	66.50%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$22.69	\$1,416,701	\$1,416,701	\$1,498,179	100.00%	94.56%
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$0.00	\$3,528,952	\$0	\$0	0.00%	
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0.00	\$4,284,289	\$0	\$0	0.00%	
CES	Respite	\$5.64 - \$225.72	\$0.00	\$9,608,504	\$0	\$0	0.00%	
CHCBS	Case Management	\$8.85	\$24.42	\$1,948,899	\$1,948,899	\$5,377,641	100.00%	36.24%
CHCBS	IHSS Health Maintenance	\$7.43	\$0.00	\$41,509,918	\$0	\$0	0.00%	
CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	
CHRP	Group Home	\$127.57 - \$196.31	\$110.06	\$165,920	\$165,920	\$105,565	100.00%	157.17%
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0.00	\$1,221	\$0	\$0	0.00%	
CHRP	Respite	\$9.85	\$0.00	\$3,916	\$0	\$0	0.00%	
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$0.00	\$516,660	\$0	\$0	0.00%	
CLLI	Respite	\$5.5 - \$282.06	\$0.00	\$46,474	\$0	\$0	0.00%	
<b>Total</b>	<b>Total</b>			<b>\$1,025,003,418</b>	<b>\$878,547,018</b>	<b>\$1,006,759,183</b>	<b>85.71%</b>	<b>87.26%</b>

### Illinois

Waiver	Service	CO Rate Range 7/20	IL Rate Range	CO Repriced	CO Repriced with a IL Rate	IL Repriced	% of CO Repriced with a IL Rate	CO as a % of IL
BI	Adult Day Services	\$77.30	\$0.00	\$410,834	\$0	\$0	0.00%	
BI	Independent Life Skills Training	\$11.91	\$0.00	\$552,719	\$0	\$0	0.00%	
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$12.00	\$101,676	\$101,676	\$76,298	100.00%	133.26%
BI	Personal Care	\$4.93	\$0.00	\$1,333,589	\$0	\$0	0.00%	
BI	Respite	\$5.64 - \$176.76	\$0.00	\$25,821	\$0	\$0	0.00%	



## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

BI	Therapy, Behavioral	\$14.71	\$12.22	\$41,708	\$41,708	\$34,638	100.00%	120.41%
CMHS	Adult Day Services	\$31.31 - \$31.62	\$49.36	\$663,510	\$663,510	\$1,041,512	100.00%	63.71%
CMHS	Assisted Living Facility	\$64.89	\$0.00	\$31,253,241	\$0	\$0	0.00%	
CMHS	Community Transitions	\$1,500.00	\$0.00	PHI	PHI	\$0		
CMHS	Home Delivered Meals	\$11.45	\$0.00	\$25,229	\$0	\$0	0.00%	
CMHS	Homemaker	\$4.93	\$0.00	\$3,682,566	\$0	\$0	0.00%	
CMHS	Life Skills Training	\$11.91	\$0.00	\$5,500	\$0	\$0	0.00%	
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$12.00	\$476,590	\$476,590	\$361,923	100.00%	131.68%
CMHS	Personal Care	\$4.93	\$0.00	\$7,781,565	\$0	\$0	0.00%	
CMHS	Respite	\$88.08 - \$176.76	\$0.00	\$68,770	\$0	\$0	0.00%	
DD	Community Transitions	\$7.66	\$0.00	PHI	PHI	\$0		
DD	Day Habilitation	\$2.57 - \$10.38	\$2.72	\$76,269,560	\$76,269,560	\$44,778,730	100.00%	170.33%
DD	Home Delivered Meals	\$11.45	\$0.00	\$666	\$0	\$0	0.00%	
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$12.00	\$15,298,528	\$15,298,528	\$18,135,283	100.00%	84.36%
DD	Prevocational Services	\$2.57 - \$6.59	\$0.00	\$1,657,692	\$0	\$0	0.00%	
DD	Residential Habilitation	\$65.64 - \$245.69	\$105.00	\$332,486,308	\$332,486,308	\$227,244,991	100.00%	146.31%
DD	Supported Employment	\$3.44 - \$14.2	\$3.05 - \$3.41	\$24,884,029	\$24,884,029	\$9,753,927	100.00%	255.12%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$6.11	\$8,861,156	\$8,861,156	\$2,550,576	100.00%	347.42%
EBD	Adult Day Services	\$31.31 - \$42.85	\$49.36	\$23,096,285	\$23,096,285	\$32,563,664	100.00%	70.93%
EBD	Assisted Living Facility	\$64.89	\$0.00	\$44,583,166	\$0	\$0	0.00%	
EBD	Community Transitions	\$7.66 - \$1500	\$0.00	\$35,732	\$0	\$0	0.00%	
EBD	Home Delivered Meals	\$11.45	\$0.00	\$109,922	\$0	\$0	0.00%	
EBD	Homemaker	\$4.93	\$0.00	\$27,039,466	\$0	\$0	0.00%	
EBD	IHSS Health Maintenance	\$7.43	\$8.35	\$74,722,277	\$74,722,277	\$83,999,706	100.00%	88.96%
EBD	IHSS Homemaker	\$4.93	\$0.00	\$14,489,154	\$0	\$0	0.00%	
EBD	IHSS Personal Care	\$4.93	\$0.00	\$51,955,005	\$0	\$0	0.00%	
EBD	Life Skills Training	\$11.91	\$0.00	\$125,716	\$0	\$0	0.00%	

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$12.00	\$8,537,206	\$8,537,206	\$7,555,503	100.00%	112.99%
EBD	Personal Care	\$4.93	\$0.00	\$137,812,578	\$0	\$0	0.00%	
EBD	Respite	\$5.64 - \$176.76	\$0.00	\$1,247,369	\$0	\$0	0.00%	
SCI	Adult Day Services	\$42.85	\$49.36	\$42,191	\$42,191	\$48,601	100.00%	86.81%
SCI	Homemaker	\$4.93	\$0.00	\$129,797	\$0	\$0	0.00%	
SCI	IHSS Health Maintenance	\$7.43	\$8.35	\$2,183,034	\$2,183,034	\$2,454,077	100.00%	88.96%
SCI	IHSS Homemaker	\$4.93	\$0.00	\$136,962	\$0	\$0	0.00%	
SCI	IHSS Personal Care	\$4.93	\$0.00	\$185,542	\$0	\$0	0.00%	
SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$12.00	\$40,513	\$40,513	\$21,367	100.00%	189.60%
SCI	Personal Care	\$4.93	\$0.00	\$323,312	\$0	\$0	0.00%	
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$0 - \$9	\$403,725	\$196,634	\$124,627	48.70%	157.78%
SCI	Respite	\$5.64 - \$176.76	\$0.00	\$9,894	\$0	\$0	0.00%	
SLS	Day Habilitation	\$2.57 - \$7.03	\$2.72	\$28,080,736	\$28,080,736	\$20,634,885	100.00%	136.08%
SLS	Homemaker	\$4.45 - \$10.91	\$0.00	\$6,406,535	\$0	\$0	0.00%	
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$0 - \$12	\$6,083,823	\$5,910,406	\$7,126,546	97.15%	82.94%
SLS	Personal Care	\$5.78	\$0.00	\$6,730,159	\$0	\$0	0.00%	
SLS	Prevocational Services	\$2.57 - \$6.59	\$0.00	\$921,757	\$0	\$0	0.00%	
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$9	\$1,547,412	\$1,508,881	\$697,473	97.51%	216.34%
SLS	Respite	\$5.64 - \$225.72	\$0.00	\$7,105,271	\$0	\$0	0.00%	
SLS	Supported Employment	\$3.44 - \$14.2	\$3.05 - \$3.41	\$4,050,997	\$4,050,997	\$2,185,693	100.00%	185.34%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$6.11	\$1,416,701	\$1,416,701	\$403,354	100.00%	351.23%
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$0.00	\$3,528,952	\$0	\$0	0.00%	
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0.00	\$4,284,289	\$0	\$0	0.00%	
CES	Respite	\$5.64 - \$225.72	\$8.5 - \$221	\$9,608,504	\$9,608,504	\$14,090,700	100.00%	68.19%
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$8.30	\$41,509,918	\$41,509,918	\$46,376,386	100.00%	89.51%
CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

CHRP	Group Home	\$127.57 - \$196.31	\$257.00	\$165,920	\$165,920	\$246,496	100.00%	67.31%
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0.00	\$1,221	\$0	\$0	0.00%	
CHRP	Respite	\$9.85	\$8.50	\$3,916	\$3,916	\$3,379	100.00%	115.88%
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$0.00	\$516,660	\$0	\$0	0.00%	
CLLI	Respite	\$5.5 - \$282.06	\$8.5 - \$221	\$46,474	\$46,474	\$79,557	100.00%	58.42%
<b>Total</b>	<b>Total</b>			<b>\$1,025,003,418</b>	<b>\$660,267,962</b>	<b>\$522,605,256</b>	<b>64.42%</b>	<b>126.34%</b>

### Montana

Waiver	Service	CO Rate Range 7/20	MT Rate Range	CO Repriced	CO Repriced with a MT Rate	MT Repriced	% of CO Repriced with a MT Rate	CO as a % of MT
BI	Adult Day Services	\$77.30	\$89.20	\$410,834	\$410,834	\$474,080	100.00%	86.66%
BI	Independent Life Skills Training	\$11.91	\$12.33	\$2,210,875	\$2,210,875	\$2,288,840	100.00%	96.59%
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$12.57	\$101,676	\$101,676	\$79,922	100.00%	127.22%
BI	Personal Care	\$4.93	\$4.96	\$1,333,589	\$1,333,589	\$1,340,595	100.00%	99.48%
BI	Respite	\$5.64 - \$176.76	\$4.21 - \$267.99	\$25,821	\$25,821	\$32,926	100.00%	78.42%
BI	Therapy, Behavioral	\$14.71	\$12.06	\$41,708	\$41,708	\$34,180	100.00%	122.02%
CMHS	Adult Day Services	\$31.31 - \$31.62	\$44.60	\$663,510	\$663,510	\$941,075	100.00%	70.51%
CMHS	Assisted Living Facility	\$64.89	\$169.48	\$31,253,241	\$31,253,241	\$81,627,357	100.00%	38.29%
CMHS	Community Transitions	\$1,500.00	\$2,351.71	PHI	PHI	\$2,367		
CMHS	Home Delivered Meals	\$11.45	\$5.62	\$25,229	\$25,229	\$12,376	100.00%	203.86%
CMHS	Homemaker	\$4.93	\$4.41	\$3,682,566	\$3,682,566	\$3,295,075	100.00%	111.76%
CMHS	Life Skills Training	\$11.91	\$12.33	\$5,500	\$5,500	\$5,694	100.00%	96.59%
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$12.57	\$476,590	\$476,590	\$379,114	100.00%	125.71%
CMHS	Personal Care	\$4.93	\$4.96	\$7,781,565	\$7,781,565	\$7,822,443	100.00%	99.48%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

CMHS	Respite	\$88.08 - \$176.76	\$245.32	\$68,770	\$68,770	\$150,911	100.00%	45.57%
DD	Community Transitions	\$7.66	\$5.63	PHI	PHI	\$6		
DD	Day Habilitation	\$2.57 - \$10.38	\$5.67	\$76,269,560	\$76,269,560	\$93,302,741	100.00%	81.74%
DD	Home Delivered Meals	\$11.45	\$5.62	\$666	\$666	\$327	100.00%	203.86%
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$12.57	\$15,298,528	\$15,298,528	\$18,996,709	100.00%	80.53%
DD	Prevocational Services	\$2.57 - \$6.59	\$1.95	\$1,657,692	\$1,657,692	\$847,829	100.00%	195.52%
DD	Residential Habilitation	\$65.64 - \$245.69	\$127.75	\$332,486,308	\$332,486,308	\$276,480,534	100.00%	120.26%
DD	Supported Employment	\$3.44 - \$14.2	\$9.41 - \$11.21	\$24,884,029	\$24,884,029	\$30,857,524	100.00%	80.64%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$12.06	\$8,861,156	\$8,861,156	\$5,036,971	100.00%	175.92%
EBD	Adult Day Services	\$31.31 - \$42.85	\$44.60	\$23,096,285	\$23,096,285	\$29,423,408	100.00%	78.50%
EBD	Assisted Living Facility	\$64.89	\$169.48	\$44,583,166	\$44,583,166	\$116,442,516	100.00%	38.29%
EBD	Community Transitions	\$7.66 - \$1500	\$5.63 - \$2351.71	\$35,732	\$35,732	\$54,161	100.00%	65.97%
EBD	Home Delivered Meals	\$11.45	\$5.62	\$109,922	\$109,922	\$53,921	100.00%	203.86%
EBD	Homemaker	\$4.93	\$4.41	\$27,039,466	\$27,039,466	\$24,194,289	100.00%	111.76%
EBD	IHSS Health Maintenance	\$7.43	\$9.85	\$74,722,277	\$74,722,277	\$99,012,693	100.00%	75.47%
EBD	IHSS Homemaker	\$4.93	\$4.41	\$14,489,154	\$14,489,154	\$12,964,560	100.00%	111.76%
EBD	IHSS Personal Care	\$4.93	\$4.96	\$51,955,005	\$51,955,005	\$52,227,935	100.00%	99.48%
EBD	Life Skills Training	\$11.91	\$12.33	\$125,716	\$125,716	\$130,149	100.00%	96.59%
EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$12.57	\$8,537,206	\$8,537,206	\$7,914,389	100.00%	107.87%
EBD	Personal Care	\$4.93	\$4.96	\$137,812,578	\$137,812,578	\$138,536,534	100.00%	99.48%
EBD	Respite	\$5.64 - \$176.76	\$4.21 - \$267.99	\$1,247,369	\$1,247,369	\$1,860,004	100.00%	67.06%
SCI	Adult Day Services	\$42.85	\$44.60	\$42,191	\$42,191	\$43,915	100.00%	96.08%
SCI	Homemaker	\$4.93	\$4.41	\$129,797	\$129,797	\$116,140	100.00%	111.76%
SCI	IHSS Health Maintenance	\$7.43	\$9.85	\$2,183,034	\$2,183,034	\$2,892,686	100.00%	75.47%
SCI	IHSS Homemaker	\$4.93	\$4.41	\$136,962	\$136,962	\$122,551	100.00%	111.76%
SCI	IHSS Personal Care	\$4.93	\$4.96	\$185,542	\$185,542	\$186,517	100.00%	99.48%
SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$12.57	\$40,513	\$40,513	\$22,382	100.00%	181.01%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

SCI	Personal Care	\$4.93	\$4.96	\$323,312	\$323,312	\$325,011	100.00%	99.48%
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$22.26	\$403,725	\$403,725	\$539,369	100.00%	74.85%
SCI	Respite	\$5.64 - \$176.76	\$4.21 - \$267.99	\$9,894	\$9,894	\$10,697	100.00%	92.50%
SLS	Day Habilitation	\$2.57 - \$7.03	\$5.67	\$28,080,736	\$28,080,736	\$42,995,665	100.00%	65.31%
SLS	Homemaker	\$4.45 - \$10.91	\$4.41	\$6,406,535	\$6,406,535	\$4,379,626	100.00%	146.28%
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$0 - \$12.57	\$6,083,823	\$5,910,406	\$7,465,057	97.15%	79.17%
SLS	Personal Care	\$5.78	\$4.96	\$6,730,159	\$6,730,159	\$5,770,585	100.00%	116.63%
SLS	Prevocational Services	\$2.57 - \$6.59	\$1.95	\$921,757	\$921,757	\$616,901	100.00%	149.42%
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$22.26	\$1,547,412	\$1,547,412	\$1,766,525	100.00%	87.60%
SLS	Respite	\$5.64 - \$225.72	\$4.21 - \$267.99	\$7,105,271	\$7,105,271	\$5,926,722	100.00%	119.89%
SLS	Supported Employment	\$3.44 - \$14.2	\$9.41 - \$11.21	\$4,050,997	\$4,050,997	\$6,844,775	100.00%	59.18%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$12.06	\$1,416,701	\$1,416,701	\$796,057	100.00%	177.96%
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$4.41	\$3,528,952	\$3,528,952	\$2,690,386	100.00%	131.17%
CES	Professional Therapy Services	\$9.02 - \$23.34	\$22.26	\$4,284,289	\$4,284,289	\$4,844,971	100.00%	88.43%
CES	Respite	\$5.64 - \$225.72	\$5.32 - \$200	\$9,608,504	\$9,608,504	\$9,021,063	100.00%	106.51%
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$9.88	\$41,509,918	\$41,509,918	\$55,199,865	100.00%	75.20%
CHRP	Foster Home	\$90.63 - \$194.73	\$108.79	\$1,368,229	\$1,368,229	\$946,319	100.00%	144.58%
CHRP	Group Home	\$127.57 - \$196.31	\$125.99	\$165,920	\$165,920	\$120,840	100.00%	137.31%
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$22.26	\$1,221	\$1,221	\$1,344	100.00%	90.86%
CHRP	Respite	\$9.85	\$5.32	\$3,916	\$3,916	\$2,115	100.00%	185.15%
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$22.26	\$516,660	\$516,660	\$595,375	100.00%	86.78%
CLLI	Respite	\$5.5 - \$282.06	\$5.32 - \$200	\$46,474	\$46,474	\$70,248	100.00%	66.16%

## Appendix C5: HCBS Waiver and Service Results by State

Optumas

Total	Total			\$1,025,003,418	\$1,016,358,463	\$1,161,156,549	99.16%	87.53%
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### North Dakota

Waiver	Service	CO Rate Range 7/20	ND Rate Range	CO Repriced	CO Repriced with a ND Rate	ND Repriced	% of CO Repriced with a ND Rate	CO as a % of ND
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$0.00	\$3,528,952	\$0	\$0	0.00%	
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0.00	\$4,284,289	\$0	\$0	0.00%	
CES	Respite	\$5.64 - \$225.72	\$0 - \$186.25	\$9,608,504	\$739,013	\$609,787	7.69%	121.19%
CHCBS	Case Management	\$8.85	\$25.75	\$1,948,899	\$1,948,899	\$5,670,526	100.00%	34.37%
CHCBS	IHSS Health Maintenance	\$7.43	\$0.00	\$41,509,918	\$0	\$0	0.00%	
CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	
CHRP	Group Home	\$127.57 - \$196.31	\$0.00	\$165,920	\$0	\$0	0.00%	
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0.00	\$1,221	\$0	\$0	0.00%	
CHRP	Respite	\$9.85	\$0.00	\$3,916	\$0	\$0	0.00%	
CLLI	Care Coordination	\$20.55	\$29.40	\$21,728	\$21,728	\$31,085	100.00%	69.90%
CLLI	Pain and Symptom Management	\$77.50	\$54.72	\$33,488	\$33,488	\$23,645	100.00%	141.63%
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$0 - \$24.2	\$516,660	\$218,220	\$217,062	42.24%	100.53%
CLLI	Respite	\$5.5 - \$282.06	\$0 - \$88.99	\$46,474	\$34,683	\$35,059	74.63%	98.93%
Total	Total			\$69,505,621	\$2,996,032	\$6,587,165	4.31%	45.48%

### Ohio

Waiver	Service	CO Rate Range 7/20	OH Rate Range	CO Repriced	CO Repriced with a OH Rate	OH Repriced	% of CO Repriced with a OH Rate	CO as a % of OH
BI	Adult Day Services	\$77.30	\$53.05	\$410,834	\$410,834	\$281,932	100.00%	145.72%
BI	Independent Life Skills Training	\$11.91	\$0.00	\$552,719	\$0	\$0	0.00%	
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$17.45	\$101,676	\$101,676	\$110,949	100.00%	91.64%
BI	Personal Care	\$4.93	\$4.47	\$1,333,589	\$1,333,589	\$1,208,751	100.00%	110.33%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

BI	Respite	\$5.64 - \$176.76	\$2.74 - \$209.11	\$25,821	\$25,821	\$24,907	100.00%	103.67%
BI	Therapy, Behavioral	\$14.71	\$0.00	\$41,708	\$0	\$0	0.00%	
CMHS	Adult Day Services	\$31.31 - \$31.62	\$26.52	\$663,510	\$663,510	\$559,651	100.00%	118.56%
CMHS	Assisted Living Facility	\$64.89	\$69.46	\$31,253,241	\$31,253,241	\$33,454,549	100.00%	93.42%
CMHS	Community Transitions	\$1,500.00	\$2,000.00	PHI	PHI	\$2,013		
CMHS	Home Delivered Meals	\$11.45	\$6.72	\$25,229	\$25,229	\$14,803	100.00%	170.43%
CMHS	Homemaker	\$4.93	\$4.40	\$3,682,566	\$3,682,566	\$3,290,139	100.00%	111.93%
CMHS	Life Skills Training	\$11.91	\$0.00	\$5,500	\$0	\$0	0.00%	
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$17.45	\$476,590	\$476,590	\$526,296	100.00%	90.56%
CMHS	Personal Care	\$4.93	\$4.47	\$7,781,565	\$7,781,565	\$7,053,129	100.00%	110.33%
CMHS	Respite	\$88.08 - \$176.76	\$209.11	\$68,770	\$68,770	\$128,637	100.00%	53.46%
DD	Community Transitions	\$7.66	\$0.00	PHI	PHI	\$0		
DD	Day Habilitation	\$2.57 - \$10.38	\$2.16	\$76,269,560	\$76,269,560	\$35,573,299	100.00%	214.40%
DD	Home Delivered Meals	\$11.45	\$6.72	\$666	\$666	\$391	100.00%	170.43%
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$17.45	\$15,298,528	\$15,298,528	\$26,371,724	100.00%	58.01%
DD	Prevocational Services	\$2.57 - \$6.59	\$2.09	\$1,657,692	\$1,657,692	\$907,898	100.00%	182.59%
DD	Residential Habilitation	\$65.64 - \$245.69	\$0.00	\$332,486,308	\$0	\$0	0.00%	
DD	Supported Employment	\$3.44 - \$14.2	\$13.55	\$24,884,029	\$24,884,029	\$41,631,353	100.00%	59.77%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$0.00	\$8,861,156	\$0	\$0	0.00%	
EBD	Adult Day Services	\$31.31 - \$42.85	\$26.52	\$23,096,285	\$23,096,285	\$17,497,912	100.00%	131.99%
EBD	Assisted Living Facility	\$64.89	\$69.46	\$44,583,166	\$44,583,166	\$47,723,362	100.00%	93.42%
EBD	Community Transitions	\$7.66 - \$1500	\$0 - \$2000	\$35,732	\$33,499	\$44,665	93.75%	75.00%
EBD	Home Delivered Meals	\$11.45	\$6.72	\$109,922	\$109,922	\$64,497	100.00%	170.43%
EBD	Homemaker	\$4.93	\$4.40	\$27,039,466	\$27,039,466	\$24,158,051	100.00%	111.93%
EBD	IHSS Health Maintenance	\$7.43	\$8.68	\$74,722,277	\$74,722,277	\$87,253,092	100.00%	85.64%
EBD	IHSS Homemaker	\$4.93	\$4.40	\$14,489,154	\$14,489,154	\$12,945,141	100.00%	111.93%
EBD	IHSS Personal Care	\$4.93	\$4.47	\$51,955,005	\$51,955,005	\$47,091,468	100.00%	110.33%



## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

EBD	Life Skills Training	\$11.91	\$0.00	\$125,716	\$0	\$0	0.00%	
EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$17.45	\$8,537,206	\$8,537,206	\$10,986,960	100.00%	77.70%
EBD	Personal Care	\$4.93	\$4.47	\$137,812,578	\$137,812,578	\$124,911,867	100.00%	110.33%
EBD	Respite	\$5.64 - \$176.76	\$2.74 - \$209.11	\$1,247,369	\$1,247,369	\$1,427,715	100.00%	87.37%
SCI	Adult Day Services	\$42.85	\$26.52	\$42,191	\$42,191	\$26,116	100.00%	161.56%
SCI	Homemaker	\$4.93	\$4.40	\$129,797	\$129,797	\$115,966	100.00%	111.93%
SCI	IHSS Health Maintenance	\$7.43	\$8.68	\$2,183,034	\$2,183,034	\$2,549,126	100.00%	85.64%
SCI	IHSS Homemaker	\$4.93	\$4.40	\$136,962	\$136,962	\$122,367	100.00%	111.93%
SCI	IHSS Personal Care	\$4.93	\$4.47	\$185,542	\$185,542	\$168,173	100.00%	110.33%
SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$17.45	\$40,513	\$40,513	\$31,072	100.00%	130.39%
SCI	Personal Care	\$4.93	\$4.47	\$323,312	\$323,312	\$293,047	100.00%	110.33%
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$0.00	\$403,725	\$0	\$0	0.00%	
SCI	Respite	\$5.64 - \$176.76	\$2.74 - \$209.11	\$9,894	\$9,894	\$7,803	100.00%	126.80%
SLS	Day Habilitation	\$2.57 - \$7.03	\$2.16	\$28,080,736	\$28,080,736	\$16,392,848	100.00%	171.30%
SLS	Homemaker	\$4.45 - \$10.91	\$4.40	\$6,406,535	\$6,406,535	\$4,373,066	100.00%	146.50%
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$17.45	\$6,083,823	\$6,083,823	\$10,823,085	100.00%	56.21%
SLS	Personal Care	\$5.78	\$4.47	\$6,730,159	\$6,730,159	\$5,203,065	100.00%	129.35%
SLS	Prevocational Services	\$2.57 - \$6.59	\$2.09	\$921,757	\$921,757	\$660,608	100.00%	139.53%
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$6.88	\$1,547,412	\$725,890	\$249,845	46.91%	290.54%
SLS	Respite	\$5.64 - \$225.72	\$2.74 - \$163.18	\$7,105,271	\$7,105,271	\$3,784,946	100.00%	187.72%
SLS	Supported Employment	\$3.44 - \$14.2	\$13.55	\$4,050,997	\$4,050,997	\$9,501,720	100.00%	42.63%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$0.00	\$1,416,701	\$0	\$0	0.00%	
CES	Community Connector	\$9.08	\$3.55	\$6,467,423	\$6,467,423	\$2,530,937	100.00%	255.53%
CES	Homemaker	\$4.45 - \$7.21	\$4.16	\$3,528,952	\$3,528,952	\$2,537,455	100.00%	139.07%
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$6.88	\$4,284,289	\$2,519,167	\$860,906	58.80%	292.62%
CES	Respite	\$5.64 - \$225.72	\$0.00	\$9,608,504	\$0	\$0	0.00%	
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$8.46	\$41,509,918	\$41,509,918	\$47,245,699	100.00%	87.86%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	
CHRP	Group Home	\$127.57 - \$196.31	\$0.00	\$165,920	\$0	\$0	0.00%	
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0 - \$6.88	\$1,221	\$764	\$249	62.57%	306.81%
CHRP	Respite	\$9.85	\$0.00	\$3,916	\$0	\$0	0.00%	
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$0 - \$6.88	\$516,660	\$412,374	\$144,169	79.82%	286.04%
CLLI	Respite	\$5.5 - \$282.06	\$0.00	\$46,474	\$0	\$0	0.00%	
<b>Total</b>	<b>Total</b>			<b>\$1,025,003,418</b>	<b>\$665,154,805</b>	<b>\$632,867,418</b>	<b>64.89%</b>	<b>105.10%</b>

### Oklahoma

Waiver	Service	CO Rate Range 7/20	OK Rate Range	CO Repriced	CO Repriced with a OK Rate	OK Repriced	% of CO Repriced with a OK Rate	CO as a % of OK
BI	Adult Day Services	\$77.30	\$75.20	\$410,834	\$410,834	\$399,673	100.00%	102.79%
BI	Independent Life Skills Training	\$11.91	\$0.00	\$552,719	\$0	\$0	0.00%	
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$5.53 - \$16.6	\$101,676	\$101,676	\$62,426	100.00%	162.87%
BI	Personal Care	\$4.93	\$4.01	\$1,333,589	\$1,333,589	\$1,084,725	100.00%	122.94%
BI	Respite	\$5.64 - \$176.76	\$3.5 - \$172.77	\$25,821	\$25,821	\$22,346	100.00%	115.55%
BI	Therapy, Behavioral	\$14.71	\$20.74	\$41,708	\$41,708	\$58,808	100.00%	70.92%
CMHS	Adult Day Services	\$31.31 - \$31.62	\$37.60	\$663,510	\$663,510	\$793,372	100.00%	83.63%
CMHS	Assisted Living Facility	\$64.89	\$60.20	\$31,253,241	\$31,253,241	\$28,996,373	100.00%	107.78%
CMHS	Community Transitions	\$1,500.00	\$2,400.00	PHI	PHI	\$2,415		
CMHS	Home Delivered Meals	\$11.45	\$5.15	\$25,229	\$25,229	\$11,336	100.00%	222.55%
CMHS	Homemaker	\$4.93	\$3.20	\$3,682,566	\$3,682,566	\$2,390,306	100.00%	154.06%
CMHS	Life Skills Training	\$11.91	\$0.00	\$5,500	\$0	\$0	0.00%	
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$5.53 - \$16.6	\$476,590	\$476,590	\$293,439	100.00%	162.42%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

CMHS	Personal Care	\$4.93	\$4.01	\$7,781,565	\$7,781,565	\$6,329,427	100.00%	122.94%
CMHS	Respite	\$88.08 - \$176.76	\$169.74 - \$172.77	\$68,770	\$68,770	\$104,912	100.00%	65.55%
DD	Community Transitions	\$7.66	\$0.00	PHI	PHI	\$0		
DD	Day Habilitation	\$2.57 - \$10.38	\$3.78 - \$3.78	\$76,269,560	\$76,269,560	\$62,272,066	100.00%	122.48%
DD	Home Delivered Meals	\$11.45	\$5.15	\$666	\$666	\$299	100.00%	222.55%
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$5.53 - \$16.6	\$15,298,528	\$15,298,528	\$12,481,794	100.00%	122.57%
DD	Prevocational Services	\$2.57 - \$6.59	\$3.08	\$1,657,692	\$1,657,692	\$1,339,049	100.00%	123.80%
DD	Residential Habilitation	\$65.64 - \$245.69	\$143.97	\$332,486,308	\$332,486,308	\$311,585,346	100.00%	106.71%
DD	Supported Employment	\$3.44 - \$14.2	\$3.21 - \$4.1	\$24,884,029	\$24,884,029	\$10,825,344	100.00%	229.87%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$20.74	\$8,861,156	\$8,861,156	\$8,668,611	100.00%	102.22%
EBD	Adult Day Services	\$31.31 - \$42.85	\$37.60	\$23,096,285	\$23,096,285	\$24,805,384	100.00%	93.11%
EBD	Assisted Living Facility	\$64.89	\$60.20	\$44,583,166	\$44,583,166	\$41,363,714	100.00%	107.78%
EBD	Community Transitions	\$7.66 - \$1500	\$0 - \$2400	\$35,732	\$33,499	\$53,598	93.75%	62.50%
EBD	Home Delivered Meals	\$11.45	\$5.15	\$109,922	\$109,922	\$49,393	100.00%	222.55%
EBD	Homemaker	\$4.93	\$3.20	\$27,039,466	\$27,039,466	\$17,550,972	100.00%	154.06%
EBD	IHSS Health Maintenance	\$7.43	\$8.45	\$74,722,277	\$74,722,277	\$84,955,105	100.00%	87.96%
EBD	IHSS Homemaker	\$4.93	\$3.20	\$14,489,154	\$14,489,154	\$9,404,724	100.00%	154.06%
EBD	IHSS Personal Care	\$4.93	\$4.01	\$51,955,005	\$51,955,005	\$42,259,548	100.00%	122.94%
EBD	Life Skills Training	\$11.91	\$0.00	\$125,716	\$0	\$0	0.00%	
EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$5.53 - \$16.6	\$8,537,206	\$8,537,206	\$5,126,228	100.00%	166.54%
EBD	Personal Care	\$4.93	\$4.01	\$137,812,578	\$137,812,578	\$112,095,017	100.00%	122.94%
EBD	Respite	\$5.64 - \$176.76	\$3.5 - \$172.77	\$1,247,369	\$1,247,369	\$1,229,319	100.00%	101.47%
SCI	Adult Day Services	\$42.85	\$37.60	\$42,191	\$42,191	\$37,022	100.00%	113.96%
SCI	Homemaker	\$4.93	\$3.20	\$129,797	\$129,797	\$84,250	100.00%	154.06%
SCI	IHSS Health Maintenance	\$7.43	\$8.45	\$2,183,034	\$2,183,034	\$2,481,989	100.00%	87.96%
SCI	IHSS Homemaker	\$4.93	\$3.20	\$136,962	\$136,962	\$88,900	100.00%	154.06%
SCI	IHSS Personal Care	\$4.93	\$4.01	\$185,542	\$185,542	\$150,918	100.00%	122.94%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$5.53 - \$16.6	\$40,513	\$40,513	\$22,720	100.00%	178.31%
SCI	Personal Care	\$4.93	\$4.01	\$323,312	\$323,312	\$262,978	100.00%	122.94%
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$20.27	\$403,725	\$403,725	\$491,154	100.00%	82.20%
SCI	Respite	\$5.64 - \$176.76	\$3.5 - \$172.77	\$9,894	\$9,894	\$7,670	100.00%	128.99%
SLS	Day Habilitation	\$2.57 - \$7.03	\$3.78	\$28,080,736	\$28,080,736	\$28,695,387	100.00%	97.86%
SLS	Homemaker	\$4.45 - \$10.91	\$3.20	\$6,406,535	\$6,406,535	\$3,177,059	100.00%	201.65%
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$0 - \$16.6	\$6,083,823	\$5,910,406	\$4,827,012	97.15%	122.44%
SLS	Personal Care	\$5.78	\$4.01	\$6,730,159	\$6,730,159	\$4,669,193	100.00%	144.14%
SLS	Prevocational Services	\$2.57 - \$6.59	\$3.08	\$921,757	\$921,757	\$974,325	100.00%	94.60%
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$20.27	\$1,547,412	\$1,547,412	\$1,608,613	100.00%	96.20%
SLS	Respite	\$5.64 - \$225.72	\$3.5 - \$187.92	\$7,105,271	\$7,105,271	\$4,703,680	100.00%	151.06%
SLS	Supported Employment	\$3.44 - \$14.2	\$3.21 - \$4.1	\$4,050,997	\$4,050,997	\$2,373,116	100.00%	170.70%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$20.74	\$1,416,701	\$1,416,701	\$1,369,641	100.00%	103.44%
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$3.20	\$3,528,952	\$3,528,952	\$1,951,654	100.00%	180.82%
CES	Professional Therapy Services	\$9.02 - \$23.34	\$20.41	\$4,284,289	\$4,284,289	\$4,441,435	100.00%	96.46%
CES	Respite	\$5.64 - \$225.72	\$3.2 - \$83.2	\$9,608,504	\$9,608,504	\$5,304,734	100.00%	181.13%
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$6.06	\$41,509,918	\$41,509,918	\$33,856,003	100.00%	122.61%
CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	
CHRP	Group Home	\$127.57 - \$196.31	\$143.97	\$165,920	\$165,920	\$138,086	100.00%	120.16%
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$20.41	\$1,221	\$1,221	\$1,232	100.00%	99.12%
CHRP	Respite	\$9.85	\$3.20	\$3,916	\$3,916	\$1,272	100.00%	307.81%
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$20.41	\$516,660	\$516,660	\$545,786	100.00%	94.66%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

CLLI	Respite	\$5.5 - \$282.06	\$3.2 - \$83.2	\$46,474	\$46,474	\$29,951	100.00%	155.17%
<b>Total</b>	<b>Total</b>			<b>\$1,025,003,418</b>	<b>\$1,014,304,067</b>	<b>\$888,931,916</b>	<b>98.96%</b>	<b>114.10%</b>

### Utah

Waiver	Service	CO Rate Range 7/20	UT Rate Range	CO Repriced	CO Repriced with a UT Rate	UT Repriced	% of CO Repriced with a UT Rate	CO as a % of UT
BI	Adult Day Services	\$77.30	\$85.50	\$410,834	\$410,834	\$454,415	100.00%	90.41%
BI	Independent Life Skills Training	\$11.91	\$0.00	\$552,719	\$0	\$0	0.00%	
BI	Non-Medical Transportation	\$9.46 - \$28.63	\$8.56	\$101,676	\$101,676	\$54,426	100.00%	186.82%
BI	Personal Care	\$4.93	\$4.09	\$1,333,589	\$1,333,589	\$1,107,042	100.00%	120.46%
BI	Respite	\$5.64 - \$176.76	\$4.36 - \$162.18	\$25,821	\$25,821	\$22,517	100.00%	114.67%
BI	Therapy, Behavioral	\$14.71	\$13.00	\$41,708	\$41,708	\$36,868	100.00%	113.13%
CMHS	Adult Day Services	\$31.31 - \$31.62	\$42.75	\$663,510	\$663,510	\$902,039	100.00%	73.56%
CMHS	Assisted Living Facility	\$64.89	\$69.75	\$31,253,241	\$31,253,241	\$33,595,227	100.00%	93.03%
CMHS	Community Transitions	\$1,500.00	\$488.09	PHI	PHI	\$491		
CMHS	Home Delivered Meals	\$11.45	\$7.09	\$25,229	\$25,229	\$15,622	100.00%	161.50%
CMHS	Homemaker	\$4.93	\$4.88	\$3,682,566	\$3,682,566	\$3,645,217	100.00%	101.02%
CMHS	Life Skills Training	\$11.91	\$0.00	\$5,500	\$0	\$0	0.00%	
CMHS	Non-Medical Transportation	\$9.46 - \$28.63	\$8.56	\$476,590	\$476,590	\$258,172	100.00%	184.60%
CMHS	Personal Care	\$4.93	\$4.09	\$7,781,565	\$7,781,565	\$6,459,646	100.00%	120.46%
CMHS	Respite	\$88.08 - \$176.76	\$119.23 - \$162.18	\$68,770	\$68,770	\$80,411	100.00%	85.52%
DD	Community Transitions	\$7.66	\$0.00	PHI	PHI	\$0		
DD	Day Habilitation	\$2.57 - \$10.38	\$7.84	\$76,269,560	\$76,269,560	\$128,985,792	100.00%	59.13%
DD	Home Delivered Meals	\$11.45	\$7.09	\$666	\$666	\$412	100.00%	161.50%
DD	Non-Medical Transportation	\$6.58 - \$20.97	\$8.56	\$15,298,528	\$15,298,528	\$12,936,502	100.00%	118.26%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

DD	Prevocational Services	\$2.57 - \$6.59	\$7.80	\$1,657,692	\$1,657,692	\$3,386,975	100.00%	48.94%
DD	Residential Habilitation	\$65.64 - \$245.69	\$207.25	\$332,486,308	\$332,486,308	\$448,538,327	100.00%	74.13%
DD	Supported Employment	\$3.44 - \$14.2	\$10.05	\$24,884,029	\$24,884,029	\$30,877,867	100.00%	80.59%
DD	Therapy, Behavioral	\$7.23 - \$25.54	\$13.00	\$8,861,156	\$8,861,156	\$5,433,314	100.00%	163.09%
EBD	Adult Day Services	\$31.31 - \$42.85	\$42.75	\$23,096,285	\$23,096,285	\$28,202,930	100.00%	81.89%
EBD	Assisted Living Facility	\$64.89	\$69.75	\$44,583,166	\$44,583,166	\$47,924,040	100.00%	93.03%
EBD	Community Transitions	\$7.66 - \$1500	\$0 - \$488.09	\$35,732	\$33,499	\$10,900	93.75%	307.32%
EBD	Home Delivered Meals	\$11.45	\$7.09	\$109,922	\$109,922	\$68,065	100.00%	161.50%
EBD	Homemaker	\$4.93	\$4.88	\$27,039,466	\$27,039,466	\$26,765,232	100.00%	101.02%
EBD	IHSS Health Maintenance	\$7.43	\$9.41	\$74,722,277	\$74,722,277	\$94,634,808	100.00%	78.96%
EBD	IHSS Homemaker	\$4.93	\$4.88	\$14,489,154	\$14,489,154	\$14,342,205	100.00%	101.02%
EBD	IHSS Personal Care	\$4.93	\$4.09	\$51,955,005	\$51,955,005	\$43,128,977	100.00%	120.46%
EBD	Life Skills Training	\$11.91	\$0.00	\$125,716	\$0	\$0	0.00%	
EBD	Non-Medical Transportation	\$9.46 - \$28.63	\$8.56	\$8,537,206	\$8,537,206	\$5,389,592	100.00%	158.40%
EBD	Personal Care	\$4.93	\$4.09	\$137,812,578	\$137,812,578	\$114,401,212	100.00%	120.46%
EBD	Respite	\$5.64 - \$176.76	\$4.36 - \$162.18	\$1,247,369	\$1,247,369	\$1,153,757	100.00%	108.11%
SCI	Adult Day Services	\$42.85	\$42.75	\$42,191	\$42,191	\$42,093	100.00%	100.23%
SCI	Homemaker	\$4.93	\$4.88	\$129,797	\$129,797	\$128,481	100.00%	101.02%
SCI	IHSS Health Maintenance	\$7.43	\$9.41	\$2,183,034	\$2,183,034	\$2,764,785	100.00%	78.96%
SCI	IHSS Homemaker	\$4.93	\$4.88	\$136,962	\$136,962	\$135,573	100.00%	101.02%
SCI	IHSS Personal Care	\$4.93	\$4.09	\$185,542	\$185,542	\$154,022	100.00%	120.46%
SCI	Non-Medical Transportation	\$11.23 - \$28.63	\$8.56	\$40,513	\$40,513	\$15,242	100.00%	265.80%
SCI	Personal Care	\$4.93	\$4.09	\$323,312	\$323,312	\$268,389	100.00%	120.46%
SCI	Professional Therapy Services	\$14.2 - \$23.76	\$0 - \$24.88	\$403,725	\$196,634	\$344,479	48.70%	57.08%
SCI	Respite	\$5.64 - \$176.76	\$4.36 - \$162.18	\$9,894	\$9,894	\$8,266	100.00%	119.70%
SLS	Day Habilitation	\$2.57 - \$7.03	\$7.84	\$28,080,736	\$28,080,736	\$59,439,089	100.00%	47.24%
SLS	Homemaker	\$4.45 - \$10.91	\$4.88	\$6,406,535	\$6,406,535	\$4,845,015	100.00%	132.23%
SLS	Non-Medical Transportation	\$6.58 - \$20.97	\$0 - \$8.56	\$6,083,823	\$5,910,406	\$5,083,603	97.15%	116.26%

## Appendix C5: HCBS Waiver and Service Results by State **Optumas**

SLS	Personal Care	\$5.78	\$4.09	\$6,730,159	\$6,730,159	\$4,765,255	100.00%	141.23%
SLS	Prevocational Services	\$2.57 - \$6.59	\$7.80	\$921,757	\$921,757	\$2,464,445	100.00%	37.40%
SLS	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$24.88	\$1,547,412	\$821,522	\$1,069,986	53.09%	76.78%
SLS	Respite	\$5.64 - \$225.72	\$4.36 - \$162.18	\$7,105,271	\$7,105,271	\$5,412,703	100.00%	131.27%
SLS	Supported Employment	\$3.44 - \$14.2	\$10.05	\$4,050,997	\$4,050,997	\$7,047,401	100.00%	57.48%
SLS	Therapy, Behavioral	\$7.23 - \$25.54	\$13.00	\$1,416,701	\$1,416,701	\$858,656	100.00%	164.99%
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	
CES	Homemaker	\$4.45 - \$7.21	\$4.77	\$3,528,952	\$3,528,952	\$2,909,184	100.00%	121.30%
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$29.89	\$4,284,289	\$1,765,122	\$2,762,277	41.20%	63.90%
CES	Respite	\$5.64 - \$225.72	\$5.32 - \$387.66	\$9,608,504	\$9,608,504	\$9,635,467	100.00%	99.72%
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$9.41	\$41,509,918	\$41,509,918	\$52,571,781	100.00%	78.96%
CHRP	Foster Home	\$90.63 - \$194.73	\$0.00	\$1,368,229	\$0	\$0	0.00%	
CHRP	Group Home	\$127.57 - \$196.31	\$208.20	\$165,920	\$165,920	\$199,686	100.00%	83.09%
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0 - \$29.89	\$1,221	\$457	\$722	37.43%	63.33%
CHRP	Respite	\$9.85	\$5.32	\$3,916	\$3,916	\$2,115	100.00%	185.15%
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$0 - \$29.89	\$516,660	\$104,286	\$172,597	20.18%	60.42%
CLLI	Respite	\$5.5 - \$282.06	\$5.32 - \$387.66	\$46,474	\$46,474	\$60,834	100.00%	76.40%
<b>Total</b>	<b>Total</b>			<b>\$1,025,003,418</b>	<b>\$1,010,438,779</b>	<b>\$1,216,005,466</b>	<b>98.58%</b>	<b>83.09%</b>

### Wisconsin

Waiver	Service	CO Rate Range 7/20	WI Rate Range	CO Repriced	CO Repriced with a WI Rate	WI Repriced	% of CO Repriced with a WI Rate	CO as a % of WI
CES	Community Connector	\$9.08	\$0.00	\$6,467,423	\$0	\$0	0.00%	



CES	Homemaker	\$4.45 - \$7.21	\$0.00	\$3,528,952	\$0	\$0	0.00%	
CES	Professional Therapy Services	\$9.02 - \$23.34	\$0 - \$14	\$4,284,289	\$2,582,246	\$2,011,214	60.27%	128.39%
CES	Respite	\$5.64 - \$225.72	\$4.62 - \$120.06	\$9,608,504	\$9,608,504	\$7,654,566	100.00%	125.53%
CHCBS	Case Management	\$8.85	\$0.00	\$1,948,899	\$0	\$0	0.00%	
CHCBS	IHSS Health Maintenance	\$7.43	\$5.17	\$41,509,918	\$41,509,918	\$28,897,719	100.00%	143.64%
CHRP	Foster Home	\$90.63 - \$194.73	\$126.74	\$1,368,229	\$1,368,229	\$1,102,459	100.00%	124.11%
CHRP	Group Home	\$127.57 - \$196.31	\$0.00	\$165,920	\$0	\$0	0.00%	
CHRP	Professional Therapy Services	\$16.1 - \$23.59	\$0 - \$14	\$1,221	\$652	\$507	53.35%	128.52%
CHRP	Respite	\$9.85	\$4.62	\$3,916	\$3,916	\$1,836	100.00%	213.32%
CLLI	Care Coordination	\$20.55	\$0.00	\$21,728	\$0	\$0	0.00%	
CLLI	Pain and Symptom Management	\$77.50	\$0.00	\$33,488	\$0	\$0	0.00%	
CLLI	Professional Therapy Services	\$9.05 - \$25.12	\$14.00	\$516,660	\$516,660	\$374,288	100.00%	138.04%
CLLI	Respite	\$5.5 - \$282.06	\$4.62 - \$120.06	\$46,474	\$46,474	\$43,218	100.00%	107.53%
<b>Total</b>	<b>Total</b>			<b>\$69,505,621</b>	<b>\$55,636,599</b>	<b>\$40,085,806</b>	<b>80.05%</b>	<b>138.79%</b>