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November 24, 2020

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[Sent via email: elizabeth.doyle@dhs.wisconsin.gov]

Re: CY 2021 Family Care Capitation Rate Report

Dear Elizabeth:

Thank you for the opportunity to assist the Wisconsin Department of Health Services (DHS) with this important project. Our report summarizes the development of CY 2021 capitation rates for Wisconsin's Family Care program.



Sincerely,

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MILLIMAN REPORT

State of Wisconsin

Department of Health Services Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

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I. EXECUTIVE SUMMARY

This report documents the development of the January 2021 to December 2021 (CY 2021) capitation rates for Wisconsin's Family Care program. The Wisconsin Department of Health Services (DHS) retained Milliman to calculate, document, and certify its capitation rate development. We developed the capitation rates using the methodology described in this report.

Our role is to certify that the CY 2021 capitation rates produced by the rating methodology are actuarially sound to comply with Centers for Medicare and Medicaid Services (CMS) regulations. We developed actuarially sound capitation rates using published guidance from the American Academy of Actuaries (AAA), CMS, and federal regulations to ensure compliance with generally accepted actuarial practices and regulatory requirements. Specific Actuarial Standards of Practice (ASOPs) we considered include:

- ASOP No. 1 – Introductory Actuarial Standard of Practice
- ASOP No. 5 – Incurred Health and Disability Claims
- ASOP No. 12 – Risk Classification
- ASOP No. 23 – Data Quality
- ASOP No. 25 – Credibility Procedures
- ASOP No. 41 – Actuarial Communications
- ASOP No. 42 – Health and Disability Actuarial Assets and Liabilities Other Than Liabilities for Incurred Claims
- ASOP No. 45 – The Use of Health Status Based Risk Adjustment Methodologies
- ASOP No. 49 – Medicaid Managed Care Capitation Rate Development and Certification
- ASOP No. 56 – Modeling
- Other applicable standards of practice

CY 2021 CAPITATION RATES

The statewide average CY 2021 capitation rate is \$3,532.61 for the Nursing Home Level of Care (NH LOC) population and \$543.68 for the Non-Nursing Home Level of Care (Non-NH LOC) population. Table 1 shows the statewide rate change from the CY 2020 gross capitation rates to the CY 2021 gross capitation rates for each population.

Table 1		
Wisconsin Department of Health Services		
Comparison of CY 2020 and CY 2021 Gross Capitation Rates		
	NH LOC	Non-NH LOC
CY 2020 Rates	\$3,442.19	\$519.46
CY 2021 Rates	\$3,532.61	\$543.68
% Change	2.6%	4.7%

The 2.6% change in MCE rates from CY 2020 to CY 2021 for NH population can be broken down as follows:

- 1.1% increase due to the difference between actual CY 2019 base cohort costs and the CY 2019 costs predicted as part of CY 2020 rate development
- 0.1% decrease due to differences in one-year trend values applied to move CY 2019 costs to CY 2020 costs in the CY 2021 rate development versus the CY 2020 rate development
- 0.3% decrease due to application of service trend to project CY 2020 costs to CY 2021, excluding service cost increases due to changes in nursing home reimbursement rates
- 1.6% increase due to application of acuity trend to project CY 2020 acuity to CY 2021
- 0.1% decrease due to differences in the target group distribution between the CY 2019 base data and CY 2021 projected enrollment
- 0.2% decrease due to projected acuity differences for expansion cohorts, including the impact of the phase-in adjustment for expansion regions

- 0.5% increase due to the incorporation of legislated changes in nursing home reimbursement, personal care, durable medical equipment rates and additional reimbursement increases for waiver service providers
- No material change due to the differences in the administrative load as a percent of the capitation rate
- 0.3% increase due to the removal of MVA

Please note, the sum of the rate change drivers may not equal the total rate change, because the change drivers are calculated as multiplicative factors. The product of “one plus” each change driver equals “one plus” the total rate change.

The change in gross capitation rates for the DD, PD, and FE target groups is 3.1%, 2.3%, and 2.1%, respectively. The rate change by target group differs from the composite change due to differing base period data changes and target group-specific service cost and acuity trend values.

The Non-NH LOC rate increase is primarily driven by an increase in the base period experience on a per member per month basis.

Projected CY 2021 expenditures split between federal and state liability are included as Appendices C1 to C3.

METHODOLOGY CHANGES FROM CY 2020 RATES

This section describes significant methodology changes from the CY 2020 capitation rate methodology

Risk Corridor Program

For CY 2021 Family Care will have a risk corridor program to control the risk associated with the significant uncertainty related to the ongoing COVID-19 pandemic. This program, described in Section V of this report, allows DHS and each MCO to share in the financial risk of the program. The extent to which each party shares in the risk is determined by each MCO's realized loss ratio after the conclusion of the rate year.

Removal of the Market Variability Adjustment

In CY 2020 and earlier rate setting exercises, we included an adjustment specific to each MCO to account for differences in MCO experience and effectiveness in implementing case management cost savings and the impact that provider negotiation leverage has on MCO service costs. In CY 2020 rate setting we began developing geographic adjustment factors which reflected realized MCO experience in each region, which significantly reduced the impact that the market variability adjustment has on the final capitation rate for each MCO. With the further inclusion of a risk corridor program we determined this adjustment is no longer impactful.

Service Area Changes

Beginning January 2021, DHS anticipates paying capitation rates specific to each target group for the NH LOC population rather than the composite rate. We are certifying both sets of rates as actuarially sound.

Service Area Changes

Effective April 1, 2021, Inlusa will begin operations in GSR 9 and 10.

MCO Mergers

Effective January 1, 2020, Care WI and MCFCI have merged into one combined entity. In this report, historical experience for these MCOs is reported under the single entities while capitation rates are developed for the merged entity and labeled MCW.

DATA RELIANCE AND IMPORTANT CAVEATS

Milliman prepared this report for the specific purpose of developing the CY 2021 Family Care capitation rates. This report should not be used for any other purpose. This report has been prepared solely for the internal business use of, and is only to be relied upon by, the management of DHS. We understand this report may be shared with

participating MCOs, CMS, and other interested parties. Milliman does not intend to benefit, or create a legal duty to, any third-party recipient of its work. This report should only be reviewed in its entirety.

The results of this report are technical in nature and are dependent upon specific assumptions and methods. No party should rely on these results without a thorough understanding of those assumptions and methods. Such an understanding may require consultation with qualified professionals.

Milliman has developed certain models to estimate the values included in this report. The intent of the models was to estimate CY 2021 capitation rates for Family Care. We have reviewed the models, including their inputs, calculations, and outputs for consistency, reasonableness, and appropriateness to the intended purpose and in compliance with generally accepted actuarial practice and relevant actuarial standards of practice (ASOP).

The models rely on data and information as input to the models. We used MCO financial reporting, as well as encounter, eligibility, and functional screen data for CY 2018, CY 2019, and June 2020, and other information provided by DHS to develop the Family Care capitation rates shown in this report. We have relied upon this data and information provided by DHS for this purpose and accepted it without audit. To the extent that the data and information provided is not accurate, or is not complete, the values provided in this report may likewise be inaccurate or incomplete. The models, including all input, calculations, and output may not be appropriate for any other purpose. Please see Exhibit Q for a full list of the data relied upon to develop the CY 2021 Family Care capitation rates.

Differences between the capitation rates and actual MCO experience will depend on the extent to which future experience conforms to the assumptions made in the capitation rate development calculations. It is certain that actual experience will not conform exactly to the assumptions used. Actual amounts will differ from projected amounts to the extent that actual experience is higher or lower than expected. Any MCO considering participating in Family Care should consider their unique circumstances before deciding to contract under these rates.

The authors of this report are actuaries for Milliman, members of the American Academy of Actuaries, and meet the Qualification Standards of the Academy to render the actuarial opinion contained herein. To the best of their knowledge and belief, this report is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices.

The terms of Milliman's contract with the Wisconsin Department of Health Services effective on January 1, 2020, apply to this report and its use.

II. BACKGROUND

Family Care is a full-risk, comprehensive Medicaid managed care delivery system for the full range of long-term care (LTC) services, which strives to foster people's independence and quality of life. Since 2000, Family Care has served people ages 18 and older with physical disabilities, people with intellectual / developmental disabilities, and frail elders, with the specific goals of:

- Giving people better choices about where they live and what kinds of services and supports they get to meet their needs
- Improving access to services
- Improving quality through a focus on health and social outcomes
- Creating a cost-effective system for the future

Eligibility for Family Care is determined through the Wisconsin Long Term Care Functional Screen and detailed decision trees involving individual information about type of disability, activities of daily living, instrumental activities of daily living, and certain other medical diagnoses and health related services. While enrollment in Family Care is not mandatory, in recent years the significant majority of nursing home eligible beneficiaries in regions in which Family Care operates have been enrolled in Family Care, with others being enrolled in a self-directed care option or fee-for-service (FFS). The percentage of eligibles who enroll in the program has grown slowly over time. The risk adjustment model mechanism helps to adjust rates for any differences in average member acuity, as the enrollment percentage increases.

Effective July 2018, Family Care operates statewide in Wisconsin. The state is comprised of 14 distinct GSRs for rate setting and other purposes. Please see Appendix A for a map showing the counties included in each GSR. MCOs contract with service providers to deliver all State Plan and waiver LTC services. Acute care services are provided under FFS Medicaid. In select counties, individuals eligible for Family Care can enroll in the Family Care Partnership program, in which both acute and long-term care services are managed by MCOs. The Family Care Partnership program capitation rates are developed in a separate report.

III. NURSING HOME LEVEL OF CARE METHODOLOGY OVERVIEW

This section of the report describes the CY 2021 Family Care capitation rate methodology for the NH LOC population.

The methodology used to project the MCO encounter data used in the calculation of the capitation rates can be outlined in the following steps:

1. Extract and summarize CY 2019 MCO encounter base experience data for the NH LOC population by target group.
2. Apply IBNR adjustments and remove pooled claims.
3. Calculate MCO / GSR specific risk adjusted base rates using June 2020 screens and the functional status acuity model relativities.
4. Apply adjustments to the risk adjusted base rates to project CY 2021 services costs for each MCO / GSR combination and target group.
5. Add HCRP pooling charge.
6. Add allowances for non-benefit costs and margin.
7. Blend the capitation rates developed for non-expansion and expansion counties to create a single rate for expanding GSRs.
8. Blend the projected CY 2021 service costs, including allowances for non-benefit costs, by target group into an MCO / GSR specific projected cost.

Each of the above steps is described in detail below.

STEP 1: EXTRACT AND SUMMARIZE ENCOUNTER BASE EXPERIENCE DATA

In this step the MCO encounter experience for CY 2019 is summarized by MCO / GSR and service category for the NH LOC populations enrolled in the Family Care program.

Exhibit A shows the summarized CY 2019 MCO encounter base experience data by MCO / GSR combination and target group.

Base Data

We received detailed MCO encounter claims data from DHS for claims with dates of service between January 2017 and December 2019 with dates of payment through February 2020. This data reflects payments net of any third-party liability. These costs are also gross of member cost share / patient liability, as DHS adjusts capitation payments to MCOs for each member to reflect that particular member's cost share (also known as Post Eligibility Treatment of Income).

It is our understanding that the current Family Care managed care entities do not contract for sub-capitated services. We believe the encounter data is of appropriate quality and completeness to use as the primary basis for developing actuarially sound rates for the Wisconsin Family Care program. We reviewed the data and validated both provider service and case management expenditures against financial statements for accuracy and completeness of the data provided. We did not identify any material concerns with the quality or availability of the data with respect to total claims in aggregate and detailed summaries by category of service.

The base period data includes only those individuals actually enrolled in the Wisconsin Family Care program, so no adjustment for retroactive eligibility periods is needed. The base experience data also excludes member expenses outside of the Family Care benefit package for service locations not allowed in Family Care. No member supplemental room and board expenses are included in the base data.

For the CY 2019 data, about 0.06% of total provider service and case management dollars are excluded due to a lack of corresponding enrollment records.

The CY 2021 rate methodology relies on CY 2019 MCO encounter data for MCO / GSR combinations that are deemed credible based on MCO / GSR size and program maturity. This includes experience for all MCOs in all GSRs excluding GSR 12 and expansion counties in GSRs 1, 4, and 5.

The base data cohort encompasses 95% of the total CY 2019 exposure. Excluding the service costs for the excluded MCO / GSR combinations reduces the rate development base data PMPM by 1.1%. The cohort excluded from the base data is identified in Exhibits E and F (labeled as the expansion cohort). It represents experience from MCOs in specific counties or GSRs that have not yet achieved a credible level of experience, or have shown experience relative to the regression model that is not expected to continue, as noted in our actual to expected analysis.

MCOs provided attestations that the base experience data complies with requirements of 438.602(i) in that no claims paid by an MCO to a provider outside of the United States are included in the base period data.

Target Group Assignment

The NH LOC capitation rates rely on a member's classification into one of three target groups: Developmentally Disabled, Physically Disabled, and Frail Elderly. Each Family Care enrollee is assigned a target group based on information collected using LTCFS, administered to program participants at least annually. The assigned target group is only valid for the period covered by the screen. Therefore, individuals could potentially change target groups at each screening.

Beginning in June 2019, certain updates were made to the target group automation algorithm, which resulted in changes to members' target groups. Members previously assigned to the Developmentally Disabled target group were reclassified as either Physically Disabled or Frail Elderly. To account for this change, members' target groups assigned on screens collected prior to this change were reevaluated based on the updated criteria. The target groups for DD members whose screens would result in a PD or FE target group assignment based on the updated logic were reassigned. The experience summaries shown in Exhibit A reflect this target group assignment. Table 2 below shows the impact of the target group assignment changes.

Table 2 Wisconsin Department of Health Services Impact of Target Group Assignment Changes Gross of Pooled Claims, Base Data Cohort Only						
Target Group	Prior to TG Assignment Changes		After TG Assignment Changes		Difference	
	Exposure Months	Service Cost PMPM	Exposure Months	Service Cost PMPM	Exposure Months	Service Cost PMPM
DD	259,299	\$3,820.62	250,938	\$3,820.19	-3.2%	0.0%
PD	91,727	2,487.55	95,501	2,546.23	4.1%	2.4%
FE	206,055	2,640.22	210,641	2,663.71	2.2%	0.9%
Total	557,080	\$3,164.51	557,080	\$3,164.51	0.0%	0.0%

Case Management Expenditures

Case management expenditures are included in the base cohort data as a service cost, consistent with contract terms. The case management expenses are trued up to financial statements due to the difficulty in properly and completely reporting full service cost information in the encounter data format.

Table 3 below shows the encounter data to financial statement reconciliation adjustment for case management expenditures.

Table 3	
Wisconsin Department of Health Services	
Encounter Data to Financial Statement Reconciliation Adjustment	
For Case Management Services	
MCO	CY 2019
Care Wisconsin	16.5%
CCI	-6.0%
Inclusa	-3.7%
LCI	17.9%
MCFCI	3.8%

Case management expenditures are reconciled for the NH LOC and Non-NH LOC populations in aggregate.

High Cost Risk Pool

The Family Care program includes a HCRP funded by a pooling charge subtracted from projected service costs for each of the target group populations. The HCRP is targeted to cover 80% of provider service costs above \$225,000 for each individual and excludes case management expenses due to increased administrative burden to include them in this process. The final payout will be calculated separately for the Developmentally Disabled population and for the combined Physically Disabled / Frail Elderly populations.

The HCRP is budget neutral to the program in total in that all pool funds, and no more, will be returned to the MCOs after the end of the contract period. If the target group high cost pools are insufficient to reimburse 80% of provider services costs in excess of \$225,000 for each individual, each MCO will receive reimbursement proportional to their percentage of qualifying costs until the pool is exhausted. If the target group high cost pools are more than sufficient to reimburse qualifying high costs, the remaining pooled funds will be returned to each MCO proportional to their total contract period pooling contribution.

Table 4 below illustrates the service costs removed from the base period data for implementing the HCRP. We examined the encounter data and counted the members and costs associated with annual non-case management claims in excess of \$225,000 in CY 2019 by target population group. These values are consistent with Exhibit A.

Table 4
Wisconsin Department of Health Services
HCRP Service Costs Removed (PMPM)

GSR ¹	DD	PD	FE
Care WI / GSR 1	\$231.21	\$0.00	\$0.00
Care WI / GSR 2	93.24	0.00	0.00
Care WI / GSR 3	13.30	11.85	0.00
Care WI / GSR 5	215.50	104.86	0.00
Care WI / GSR 6	264.75	117.44	16.00
Care WI / GSR 11	993.14	34.29	0.00
Care WI / GSR 13	238.99	39.58	0.00
CCI / GSR 6	37.95	16.02	0.00
CCI / GSR 8	53.70	0.00	0.00
CCI / GSR 9	178.88	0.00	0.00
CCI / GSR 10	50.01	0.00	0.00
CCI / GSR 11	32.71	2.32	0.00
Inclusa / GSR 1	64.54	0.67	0.00
Inclusa / GSR 2	49.36	17.97	0.00
Inclusa / GSR 3	26.34	0.00	0.00
Inclusa / GSR 4	99.63	88.98	0.00
Inclusa / GSR 5	296.48	0.00	0.00
Inclusa / GSR 6	0.00	0.00	0.00
Inclusa / GSR 7	91.12	0.00	0.00
Inclusa / GSR 14	267.98	0.00	93.27
LCI / GSR 4	0.00	0.00	0.00
LCI / GSR 9	94.62	0.00	0.00
LCI / GSR 10	122.35	0.00	0.00
LCI / GSR 13	52.78	14.84	3.22
MCFCI / GSR 2	543.43	0.00	0.00
MCFCI / GSR 3	94.52	0.00	0.00
MCFCI / GSR 6	36.98	0.00	0.00
MCFCI / GSR 8	27.56	2.26	6.26
MCFCI / GSR 11	25.58	0.00	0.00
MCFCI / GSR 14	47.10	34.86	0.00

¹ Base data experience excludes GSR 12 and expansion counties in GSRs 1, 4, and 5.

The costs removed from the base period data for the HCRP are trended, adjusted, and added back to projected CY 2021 net target group service costs as a fixed, statewide pooling charge in Step 5.

Non-Covered Services Adjustments

Approximately \$26.3 million in expenditures for services not covered under the Family Care benefit set were removed from the base data. This includes any payments made for member supplemental room and board expenses. No services were provided in lieu of a covered service for the Nursing Home LOC population.

Institution for Mental Disease (IMD) services are not a covered benefit under Family Care. Such services are covered via the FFS delivery system. If individuals enter an IMD, they are disenrolled from the Family Care program. Therefore, no adjustment to the base data is required.

Sub-Capitated Services

The base data does not include any sub-capitated services as the MCOs operating in Family Care currently do not contract for sub-capitated services.

STEP 2: APPLY IBNR ADJUSTMENT AND REMOVE POOLED CLAIMS

In this step we apply adjustments to the base period costs to account for outstanding service cost liability and reflect MCO liability under the HCRP. Exhibit B shows adjusted values for each target group.

IBNR Adjustment

We developed completion factors by MCO in aggregate across service types due to the small magnitude of the adjustments.

We used Milliman's Claim Reserve Estimation Workbook (CREW) to calculate the completion factors shown in Table 5 below. CREW calculates incurred but not reported (IBNR) reserve estimates by blending two different estimation methods: the lag completion method and the projection method.

The lag method reflects the historical average lag between the time a claim is incurred and the time it is paid. In order to measure this average lag, claims are separated by month of incurral and month of payment. Using this data, historical lag relationships are used to estimate ultimate incurred claims (i.e., total claims for a given incurral month after all claims are paid) for a specific incurral month based on cumulative paid claims for each month.

The projection method develops estimates for incurred claims in recent incurral months by trending an average base period incurred cost per unit to the midpoint of the incurred month at an assumed annual trend rate, and applying an additional factor to account for the seasonality of claim costs and the differing number of working days between months. The base period is chosen by selecting a group (usually 12) of recent consecutive months for which the lag completion method provides reasonable results.

The lag completion and projection methods are combined to produce the final incurred claim estimate. Final incurred claim estimates are calculated as a weighted average of these two methods. Because of the amount of claim runoff available in the encounters, no weight is placed on the projection method results.

Appendix B provides additional detail on the calculation of the IBNR adjustments applied to each MCO's CY 2019 experience data (including 2019 provider services paid through February 2020), estimated incurred claims and outstanding liability, and the implied IBNR adjustment factor for each incurred month. Table 5 below shows the cumulative IBNR adjustment applied to the CY 2019 experience data. While our IBNR calculation accounts for outstanding provider service costs, in practice the adjustment factor is applied to both provider service costs and case management; as such, the adjustment factors shown in Table 5 are slightly dampened from those shown in Appendix B to account for the proportion of base period experience attributable to case management.

MCO	Adjustment Factors
Care WI	1.0047
CCI	1.0050
Inclusa	1.0044
LCI	1.0036
MCFCI	1.0075
Total	1.0050

STEP 3: CALCULATE MCO / GSR SPECIFIC RISK ADJUSTED BASE RATE USING JUNE 2020 ENROLLMENT AND THE FUNCTIONAL STATUS ACUITY MODEL RELATIVITIES

We developed the NH LOC regression models using individuals' functional status to predict costs from MCO-reported experience for CY 2018 and CY 2019; we used two years of data in order to improve the credibility and stability of the models. We normalized the model cost weights to adjusted CY 2019 target group base data costs from Step 2. We independently developed a regression model for each of the three target groups (Developmentally Disabled, Physically Disabled, and Frail Elderly) using the corresponding population's functional screen, claim, and eligibility data. Wisconsin's LTCFS system provided the member level detail underlying each model. The functional status models are developed using the MCO liability net of HCRP costs.

The attached Exhibits C1 through C3 show the NH LOC functional status acuity models for the Developmentally Disabled, Physically Disabled, and Frail Elderly populations, respectively. The estimated impact on the cost for each variable is shown, along with its significance (i.e., p -value), relative contribution in explaining the variation (i.e., Incremental Partial R^2), and the proportion of the population with the characteristic.

Table 6 below provides a high-level comparison between the CY 2020 and CY 2021 models for each target group.

Table 6			
Wisconsin Department of Health Services			
Comparison of CY 2020 and CY 2021 Functional Status Models			
Nursing Home Level of Care			
	Developmentally Disabled	Physically Disabled	Frail Elderly
CY 2021 R ²	47.0%	46.5%	35.5%
CY 2020 R ²	46.8%	46.9%	34.8%
R ² Percentage Change	0.2%	-0.4%	0.8%

The “Proportion with Variable” statistics shown in Exhibit C represent the proportion of the base cohort target group population identified with each variable used in the regression model. This is identified directly from a review of an individual’s functional screen. It is calculated as “Number of individuals with condition” divided by “Number of individuals in the target group base cohort.”

The “Statewide Estimate” in Exhibit C represents the estimated incremental dollar cost associated with each variable for the entire target group base data cohort. The values are the result of the multivariable linear regression exercise.

The product of the statewide estimate and the proportion with variable equals the “incremental increase” value. The sum of the incremental increase values equals the total PMPM target group base data cohort cost. For example, the sum of the incremental increase values on Exhibit C1 is \$3,747.84, which is equal to the DD completed base data cost on Exhibit B.

Exhibits D1A, D2A, and D3A develop the restated base period costs for each MCO / GSR combination, as modeled by the functional status acuity model. The acuity model is normalized to be budget neutral in total. Therefore, the CY 2019 costs for each target population base data cohort are unaffected in total.

Exhibits D1B, D2B, and D3B develop the final composite risk score as modeled by the functional status acuity model using the June 2020 Family Care NH LOC population enrollment. For credibility purposes, each MCO / GSR / target group combination with fewer than 100 members enrolled in June 2020 will use a blend of the MCO-specific regression results and the regression results for the entire GSR / target group combination. We calculate the credibility-adjusted regression result using the following formulas:

$$\text{Adjusted Regression Result} = \text{Credibility\%} \times \text{MCO / GSR / TG Risk Score} + (1 - \text{Credibility\%}) \times \text{GSR / TG Risk Score}$$

$$\text{Credibility\%} = \text{MIN} \left[\sqrt{\frac{\text{June Enrollment}}{100}}, 100\% \right]$$

MCOs with 100 members or more enrolled in a particular GSR and target group in June 2020 are considered fully credible.

STEP 4: APPLY ADJUSTMENTS TO THE RISK ADJUSTED BASE RATE TO PROJECT CY 2021 SERVICE COSTS

In this step, we apply adjustment factors to reflect differences between the base period encounter data and the projected CY 2021 Family Care program contract period service costs. Each adjustment factor is explained in detail below and shown in Exhibit E1.

Exhibit E1 also shows adjusted and trended values for each target group and in total.

Service Cost Trend from CY 2019 to CY 2021

We used service cost trend rates to project the CY 2019 baseline cost data to the CY 2021 contract period, to reflect changes in provider payment levels and changes in average service utilization and mix. This requires application of 24 months of trend from the midpoint of the baseline cost period to the contract period. To assist in developing these trend rate projections, we analyzed monthly Family Care MCO encounter data from CY 2017 through CY 2019 in a

number of different ways using data consistent with the MCO / GSR combinations included in the base data cohort. The trend analysis was completed for monthly PMPM costs on a raw basis and on an acuity-adjusted basis using the same functional based model as described earlier in this report. Since this rate development process applies acuity adjustments separately from service cost trend, we considered the acuity-adjusted trends in rate development. Appendix D summarizes our analysis, which illustrates flat to modest trend rates.

We adjusted the historical trends based on a review of MCO financial statements through June 2020. Experience for this time frame showed a material decrease relative to CY 2019 base data experience. DHS and Milliman performed a substantial review of the experience, including regular discussions with MCOs to determine the drivers of this experience and expectations for future costs. Following are several conclusions of this review.

- This emerging data incorporates cost savings initiatives begun by MCOs during CY 2019 and early CY 2020 which were not fully reflected in the CY 2019 base data.
- While we do expect that the ongoing COVID-19 pandemic impacts MCO financial results, a review of financial data at a category of service level suggests that COVID-19 has had a limited impact on MCO liability for LTC services, with the impact limited to a small number of service categories. A comparison of the year-to-date June 30, 2020 service costs against calendar year 2019 for the program demonstrated a 1% reduction in overall service costs. Service cost reductions observed in the four service cost categories impacted by COVID were generally offset by increases in other services to reflect additional supports and staffing to providers for members unable to participate in daily work and day activities outside of their residence. Note, that acute care services are not covered under the Family Care program, and the percentage of Family Care costs that is associated with nursing home services is small. Therefore, it is reasonable to expect that the pandemic impact on Family Care costs is much smaller than many other programs.
- We anticipate that utilization changes associated with the COVID-19 pandemic will continue into at least part of CY 2021.
- Changes in service delivery driven by COVID-19 (e.g., telehealth) have improved efficiency for some services. We expect these efficiencies to continue beyond the pandemic.

As a result of this review, we selected service cost trends of 0.0% for all target groups, which are about 0% to 2% lower than historical experience.

The Wisconsin biennial budgets direct DHS to provide a 5.3% rate increase for SFY 2020 and a 1.0% rate increase for SFY 2021 for nursing home per diems. We assume a continued 1.0% increase for SFY 2022. We will update the SFY 2022 estimate when Wisconsin biennial budget information becomes available if it would have a material impact on capitation rates. These rate increases are included as an explicit adjustment later in this report. The trend development methodology currently includes historical nursing home increases realized between CY 2017 and CY 2019. On average, nursing home reimbursement has increased approximately 3.0% per annum during this time frame. We adjusted the annual PMPM service cost trends to exclude the underlying historical nursing home reimbursement trend, allowing the full difference in projected nursing home reimbursement changes between CY 2019 and CY 2021 to be included as a separate adjustment. Table 7 below shows the resulting trend adjustment by target group based on the distribution of nursing home claims in the base data.

Table 7				
Wisconsin Department of Health Services				
Adjustment to Remove NH Reimbursement Changes				
Nursing Home Trend Adjustment				
Target Group	Starting Annual Service Cost	% of NH Cost	Trend Adjustment	Adjusted Annual Service Cost Trend
	Trend			
Developmentally Disabled	0.00%	3.62%	-0.11%	-0.11%
Physically Disabled	0.00%	13.16%	-0.40%	-0.40%
Frail Elderly	0.00%	22.41%	-0.68%	-0.68%

Table 8 illustrates the combined pooled and non-pooled service cost trend values implemented for the CY 2021 rate development split between utilization and unit cost trends for each target group. DHS performed an analysis of residential and institutional reimbursement rates over time to develop the unit cost projections. Other services did not realize unit cost changes that materially impact total costs.

Table 8 Wisconsin Department of Health Services Annual Trend Rates by Target Group			
Target Group	Annual Utilization Trend	Annual Unit Cost Trend	Annual Service Cost Trend
Developmentally Disabled	0.11%	-0.22%	-0.11%
Physically Disabled	-0.29%	-0.11%	-0.40%
Frail Elderly	-1.09%	0.42%	-0.68%

The combined pooled and non-pooled service cost trends shown above are further segmented into trend rates for claims above and below the HCRP threshold. We performed a multiyear analysis of historical levels of claims exceeding the HCRP threshold, which indicate the cost trend for these services is higher than the trend for all costs for two of the three target groups. This is usually the case for any pooled claims mechanisms, such as the HCRP because of claim leveraging effects. We developed separate trends for costs under and over the HCRP threshold, which together aggregate to the selected trends for all costs.

Table 9 below shows our average annual trends for the amounts exceeding the HCRP threshold and resulting trend rates for the amounts below the HCRP.

Table 9 Wisconsin Department of Health Services Average Annual Trend Rates by Target Group			
Target Group	HCRP Amount Trend	Net Service Cost Trend	Total Service Cost Trend
Developmentally Disabled	50.00%	-1.64%	-0.11%
Physically Disabled	30.00%	-0.65%	-0.40%
Frail Elderly	30.00%	-0.72%	-0.68%

Acuity Adjustment from CY 2019 to CY 2021

In order to develop rates based on expected CY 2021 member acuity levels, we apply two years of projected acuity trend to the CY 2019 base period experience. As part of the historical trend study, we developed CY 2017 to CY 2019 changes in average acuity for each target population. We performed the acuity trend study in conjunction with the service cost trend study, and all data and the methodology utilized were the same. The results of the acuity trend study are included in Appendix D and Table 10 below. We used those same acuity results to develop the risk-adjusted service costs underlying the service cost trend development.

Table 10 Wisconsin Department of Health Services Annual Acuity Trend Rates by Target Group	
Target Group	Annual Acuity Trend
Developmentally Disabled	2.40%
Physically Disabled	1.40%
Frail Elderly	0.20%

Geographic Adjustment

The functional status acuity model does not include a consideration for the difference in service costs associated with providing care in different regions of the state. Therefore, we developed geographic factors based on an analysis of CY 2017, 2018, and 2019 plan performance relative to the costs projected using the regression model and rate setting assumptions. The results of this analysis are shown in Appendix E. The methodology to calculate the geographic factors is as follows:

1. We summarize actual experience by MCO / GSR combination using MCO encounter data for each of CY 2017, 2018, and 2019. The following adjustments are made to MCO encounter data, consistent with the treatment in rate development:
 - Services covered outside of the capitation rate are excluded, such as member room and board expenses
 - Case management expenses, which are historically underreported in the MCO encounter data, are adjusted to match the values reported in the MCO's financial data
 - An adjustment is made to the reported amounts to reflect our estimate of IBNR claims
2. We calculate projected costs for CY 2017 using the regression model developed for use in that particular rate year (i.e., we use the CY 2017 regression model, built using CY 2014 through 2015 data, to project CY 2017 service costs). For CY 2018 and CY 2019 we used the CY 2020 regression model, built using CY 2017 through 2018 data, which excludes certain variables that have demonstrated inconsistent coding practices over time. Projected costs are trended to match the rate year using the utilization and unit cost trend assumed in rate development. We do not include the acuity trend assumed in rate development because any acuity changes should be reflected in the functional screen data. We make no adjustment to the projected costs for geographical wage differences by GSR.
3. We review the actual and projected costs for each MCO / GSR combination across all three years to identify any anomalous results that may have a material impact on the final geographic adjustment factors. For this analysis, we excluded all data for GSR 12 and expansion counties in GSRs 1, 4, and 5.
4. The preliminary geographic adjustment factor is calculated as the average of three years of the ratios of actual and projected costs weighted 3/6, 2/6 and 1/6 as the data ages. In this way, the projected costs serve as a form of "risk adjustment" to account for differences in target group, member acuity and other issues between GSRs that are already accounted for in MCO payment and should not be part of the geographic factor calculations. Appendix E shows this calculation for each GSR.
5. As part of capitation rate development, we scale the preliminary geographic factors to maintain budget neutrality relative to the MCO / GSR combinations used in base data development. This budget neutrality adjustment will be performed separately for each target group. Table 11 below shows the normalization factor applied to the preliminary geographic adjustment factors by target group.

Target Group	Normalization Factor
Developmentally Disabled	1.0063
Physically Disabled	1.0060
Frail Elderly	1.0046

In order to increase the credibility of this calculation and to limit the maximal market share achieved by a single MCO, the geographic factors for certain GSRs are calculated as the combination of results across several GSRs. These combinations are referred to as "Super Regions" in Appendix E. Expansion counties in GSRs 1 and 4 will receive the same geographic adjustment as Super Region 1, and expansion counties in GSR 5 will receive the same geographic adjustment as Super Region 2.

For GSR 12, we will apply a geographic adjustment factor consistent with the wage index applied in CY 2020 rate development, or 1.032.

Phase-In Adjustments – GSR 12

The base data cohort and other pricing assumptions used to develop projected service costs used in Family Care capitation rate development reflect a mature managed care delivery system. With the understanding that it takes time to develop managed care infrastructure and positively influence member and provider behavior towards the most efficient delivery of high quality care, we apply an adjustment to projected service costs for expansion counties to phase in the modeled impact of managed care savings and efficiency gains on historical FFS costs.

This adjustment is applied for over the initial years in which Family Care is operational in a county. For CY 2021 rate development this adjustment applies only to GSR 12, which began operations February 1, 2018. Table 12 shows the development of the phase-in adjustment factor for GSR 12.

This phase-in adjustment is calculated as follows:

Table 12 Wisconsin Department of Health Services CY 2021 Phase-In Adjustment Factors Family Care Program	
GSR 12	
Family Care Start Date	Feb-18
Regression Model PMPM, Waiver Population	\$3,389.13
Per Capita FFS Costs, Waiver Population	\$5,044.61
Model Overage / Shortfall	48.85%
Applied Percentage	50%
CY 2021 Rate Enhancement	24.42%

This phase-in adjustment for GSR 12 is calculated as follows:

- We summarized modeled costs using the CY 2019 regression model, built using CY 2016 through 2017 data
- We summarized actual per capita Family Care-covered costs for recipients receiving care in February 2018 through December 2019 for GSR 12
- We calculate the ratio of actual costs to modeled costs represents the estimated ultimate impact of managed care savings and efficiency gains that are expected to be achieved by MCOs

This adjustment is phased in over multiple years. For GSR 12, 50% of the projected savings are excluded from rate development, a decrease from the percentage assumed in CY 2020 rate setting. CY 2019 financial reporting from MCOs operating in GSR 12 showed modest improvements in service costs relative to the regression model which supports an overall reduction in the phase-in adjustment applied.

Nursing Home Rate Adjustment

The Wisconsin biennial budgets direct DHS to provide a 5.3% rate increase for SFY 2020 and a 1.0% rate increase for SFY 2021 for nursing home per diems. We assume a continued 1.0% increase for SFY 2022. These rate increases result in a combined increase of 4.1% between CY 2019 and CY 2021. We applied an adjustment specific to each target group and GSR based on the proportion of service costs for nursing home services in CY 2019. Table 13 shows the calculation of this adjustment, which is included in Exhibit E1.

Table 13
Wisconsin Department of Health Services
Nursing Home Rate Adjustment

GSR	Percentage of Nursing Home Cost in CY 2019			Adjustment Factor		
	DD	PD	FE	DD	PD	FE
GSR 1	3.3%	18.3%	21.8%	1.0014	1.0076	1.0090
GSR 2	4.5%	9.4%	34.5%	1.0018	1.0039	1.0142
GSR 3	5.1%	10.1%	34.1%	1.0021	1.0042	1.0141
GSR 4	1.6%	10.0%	10.3%	1.0007	1.0041	1.0043
GSR 5	2.9%	9.8%	13.5%	1.0012	1.0040	1.0056
GSR 6	2.8%	14.9%	22.4%	1.0012	1.0062	1.0093
GSR 7	3.1%	10.7%	20.6%	1.0013	1.0044	1.0085
GSR 8	6.7%	12.6%	25.7%	1.0027	1.0052	1.0106
GSR 9	3.3%	18.9%	22.7%	1.0014	1.0078	1.0094
GSR 10	2.6%	16.7%	13.4%	1.0011	1.0069	1.0055
GSR 11	3.2%	14.7%	16.2%	1.0013	1.0061	1.0067
GSR 12	0.8%	9.9%	8.6%	1.0003	1.0041	1.0035
GSR 13	2.6%	11.8%	15.2%	1.0011	1.0049	1.0063
GSR 14	1.2%	13.5%	17.2%	1.0005	1.0056	1.0071

Personal Care Rate Adjustment

DHS is increasing fee-for-service personal care rates by 14.60% effective January 2020 pursuant to direction in the 2019-21 Wisconsin state budget. Accompanying this rate increase was the expectation that Family Care MCOs would also implement this rate increase effective January 2020. Our review of historical increases to personal care rates from CY 2017 to CY 2019 shows an average increase of 1.67% per annum. This historical increase is implicitly included as part of the service cost trend applied earlier. Therefore, we applied an aggregate adjustment of 10.87% to PCA services, offset by two years of 1.67% trend already included in our trend assumption. Personal care costs represented between 0.16% and 0.57% of base period costs across the three target groups. Applying these rate increases to these portions of the cost results in adjustments of 0.02%, 0.06%, and 0.02% for the DD, PD, and FE target groups, respectively. This adjustment is made in Exhibit E1.

Provider Reimbursement Increase

For both the CY 2020 and CY 2021 capitation rates, DHS included a rate adjustment to increase average provider reimbursement rates by 1% each year for waiver services provided above the unit cost trend included in rate development. With this rate adjustment is the expectation that certain Family Care MCOs will implement corresponding provider rate increases effective CY 2020 and CY 2021. Given the recent Family Care implementation in GSR 12, it is expected that MCOs operating there may choose to implement only the 1% provider reimbursement increase for CY 2021, so this adjustment is only applied for one year for GSR 12.

Waiver services amount to approximately 87%, 70%, and 64% of total NH LOC service costs for the DD, PD, and FE, resulting in increases of 1.7%, 1.4%, and 1.3% from 2019 to 2021.

DME Rate Adjustment

The 21st Century Cares Act requires that the Medicaid fee-for-service rate for DME services be no higher than the Medicare rate. The reduction in the Medicaid fee schedule is phased in over several years, with the first change effective January 1, 2019. It is expected that MCO reimbursement for DME services is consistent with the Medicaid fee-for-service rate. DHS determined that the reduced DME rates will result in a decrease to the NH LOC projected service costs of 0.05%, 0.16%, and 0.08% for the DD, PD, and FE target groups, respectively.

Individual MCO Experience Review

We reviewed the MLR and other financial experience of each MCO during the base period. We did not identify any variations in experience that would require adjustments to base data or rate development methodology beyond those mentioned previously in this report.

STEP 5: ADD HCRP POOLING CHARGE

In this step, a fixed PMPM is added to the projected per capita monthly costs in Exhibit E2. These values will be withheld from initial plan payment and paid out to MCOs on a budget neutral basis proportional to plan costs above the HCRP threshold. The values are based on the pooled claims amount from the base period experience excluded as part of Step 1 above. This is illustrated in Exhibit A on the "Total Pooled Claims (\$)" line compiled from the base cohort historical experience.

The base period amounts are trended using trends specific to amounts above the HCRP threshold as shown in Table 9 above and adjusted for the following items:

- Incurred by not reported claims
- Acuity differences between CY 2019 and CY 2021
- HCRP-specific service cost trends listed in Table 9
- Geographic factor adjustments
- Phase-in adjustments for expansion GSRs and counties
- Programmatic adjustments

Table 14 below restates the costs added in Exhibit E2 by target group.

Table 14 Wisconsin Department of Health Services CY 2021 HCRP Pooled Claims		
Target Group	Percentage of MCE Service Costs	PMPM
Developmentally Disabled	5.34%	\$219.64
Physically Disabled	1.23%	33.17
Frail Elderly	0.20%	5.37

Inclusa will begin operations in GSRs 9 and 10 effective April 1, 2021. The majority of Inclusa's enrollment is expected to be new entrants with under twelve months of enrollment in CY 2021. As such, Inclusa's enrollment in GSRs 9 and 10 will be excluded from the HCRP program, and Inclusa will be paid the capitation rate gross of HCRP during CY 2021 for these GSRs.

The High Cost Risk Pool mechanism has been developed in accordance with generally accepted actuarial principles and practices and is cost neutral to the state in total.

STEP 6: ADD ALLOWANCE FOR NON-BENEFIT EXPENSES

In this step we develop the non-benefit cost allowance for the Nursing Home-eligible population. Non-benefit expense loads are shown in Exhibit F.

Administrative Costs

DHS worked in collaboration with the MCOs to develop a sustainable approach to determine the administrative funding levels for the NH LOC population enrolled in the Family Care program. DHS developed the administrative funding methodology to address new and expanding MCOs, the size of an MCO's enrolled population, and the determination of program operational costs. DHS and the MCOs formed "small work groups" (SWG) to help assess the type and range of administrative costs.

For the CY 2020 rate development MCOs provided updated CY 2018 financial and employee data in the same structure developed by the SWGs, which DHS reviewed and analyzed in order to update the administrative cost model assumptions. As part of the cost model development, financial and employee expense data were trended to 2021 levels using an annual trend rate of 0.98%, consistent with recent CPI trends from BLS.

Findings from the SWGs showed that there are nine primary administrative components that are typically incurred by an MCO that participates in the Family Care program as follows:

- Administrative and Executive
- Compliance
- Human Resources
- Marketing
- Provider Management
- Claims Management
- Fiscal Management
- Information Management
- Quality Management

Within each of these administrative components, the MCOs provided the number of full-time equivalent employees (FTEs), the corresponding expense per FTE, and the administrative expenditures.

MCOs and DHS classified each administrative expenditure category as fixed or variable costs. The sections below provide details on the handling of each type of expenditure in the determination of an allowance for non-benefit expenses.

Fixed Cost

The fixed cost portion of the administrative allowance decreases on a PMPM basis as MCOs increase the number of enrolled members. For example, as MCOs continue to expand there is no need to hire an additional CEO, although the demands on the CEO will increase, perhaps leading to the need for higher compensation. Therefore, executive costs as a percentage of capitation revenue will decrease as MCOs become larger; a similar argument can be applied to the other five fixed cost components, which may increase somewhat with growth in the size of the enrolled population, but not in a direct way. As a result, DHS has structured its approach to assess a reasonable number of personnel to have on staff for each component based on MCO size.

To accommodate the personnel needs of different sized MCOs for their fixed administrative costs, DHS has developed five tiers within each component to account for different staffing expectations. MCOs are assigned a tier based on their projected enrollment. Table 15 below shows the projected member month ranges for each tier. The resulting fixed PMPM costs are calculated for each MCO as the projected number of FTEs, and their corresponding expense, divided by the projected number of member months.

Table 15	
Wisconsin Department of Health Services	
Member Month Range by Administrative Tier	
Tier	Projected Member Months
Small	0 to 54,999
Medium	55,000 to 89,999
Large	90,000 to 129,999
XL	130,000 to 169,999
XXL	170,000 +

DHS used the enrolled members, number of full-time equivalents (FTEs), and expense per FTE as reported by each MCO to assess and determine appropriate assumptions.

Table 16 shows the fixed cost assumptions used to develop the projected administrative expenses.

Table 16 Wisconsin Department of Health Services Detailed Assumptions for Fixed Cost Component of Non-Benefit Allowance FTE Assumptions: Fixed Cost Component								
Tier	Admin / Executive	Compliance	HR	Marketing	Provider Mgmt.	IM / IT	Fiscal	Claims Mgmt.
Small	8	1	5	1	13	5	12	4
Medium	10	2	7	1	15	7	14	5
Large	12	2	9	1	17	10	16	6
XL	16	3	11	1	19	13	18	7
XXL	20	3	13	1	21	16	20	8
Total Expense Assumptions: Fixed Cost Component								
Small	\$1,319,160	\$107,351	\$522,391	\$107,723	\$1,164,763	\$773,554	\$1,457,976	\$305,632
Medium	1,648,951	214,702	731,347	107,723	1,343,957	1,082,975	1,700,972	382,040
Large	1,978,741	214,702	940,303	107,723	1,523,151	1,547,108	1,943,968	458,448
XL	2,638,321	322,054	1,149,260	107,723	1,702,346	2,011,240	2,186,964	534,856
XXL	3,297,901	322,054	1,358,216	107,723	1,881,540	2,475,372	2,429,960	611,264

Variable Costs

The variable portion of administrative costs increases proportionately with the number of members enrolled by an MCO. Therefore, DHS determined a single PMPM cost assumption for each of the variable components. DHS used the PMPM cost projections as reported in the SWG documents as the basis to derive a point estimate for each component.

Table 17 shows the variable cost assumptions used to develop the CY 2021 capitation rates.

Table 17 Wisconsin Department of Health Services Variable Cost Components of Non-Benefit Allowance	
Cost Component	PMPM Cost
Claims Management	\$19.08
Fiscal Management	3.91
Information Management	3.14
Quality Management	12.20

OCI Adjustment

DHS is providing a modest amount of funding (\$0.19 PMPM) to be used as a provision for the Office of the Commissioner of Insurance's (OCI's) financial oversight function. This amount was derived by dividing the total contracted amount (\$117,000) by the total NH LOC projected enrollment in CY 2021. By contract, MCOs will be required to use 100% of these funds to pay for these OCI services, as a cost of doing business.

Interoperability Adjustment

We include an additional \$225,000 for each MCO, allocated between the MCO's Family Care, Family Care Partnership, and PACE 2021 membership to account for increased MCO expenditures required to adhere to newly adopted interoperability requirements. This amount was derived based on estimated amounts provided by DHS and participating MCOs and reflects cost allocation to non-Medicaid lines of business.

This amount is included in the administrative allowance columns in Exhibits F to H and N to O.

Targeted Risk Margin / Contribution to Reserves

We include an explicit 2.0% targeted margin to account for risk margin and cost of capital. We believe that this margin is appropriate given the predictability of expenses under the program, and margins included for similar programs nationally. In 2021, 85% of the P4P withhold is expected to be returned to MCOs as described in Section V of this report.

STEP 7: BLEND NON-EXPANSION AND EXPANSION COUNTIES

Capitation rates are built up separately for non-expansion and expansion counties in GSRs 1, 4, and 5. In Exhibit G, the non-expansion and expansion components of the capitation rates are blended for each MCO / GSR combination based on the projected 2021 exposure months.

STEP 8: BLEND NET CAPITATION RATE BY TARGET GROUP

In this step we blend the CY 2021 MCO / GSR capitation rates for each target group based on the projected CY 2021 target group membership. The blended capitation rates are reflected in the last section of Exhibits F and G. Exhibit H restates the components of the MCO / GSR capitation rates net of HCRP.

IV. NON-NURSING HOME LEVEL OF CARE METHODOLOGY OVERVIEW

This section of the report describes the CY 2021 Family Care capitation rate methodology for the Non-Nursing Home Level of Care (Non-NH LOC) population.

The methodology used to project the MCO encounter data used in the calculation of the capitation rates can be outlined in the following steps:

1. Extract and summarize CY 2019 MCO encounter base experience data for the Non-NH LOC population by target group.
2. Apply IBNR and in-lieu-of services adjustments to establish base period cost.
3. Convert target group based summaries to functional status categories.
4. Blend the base functional status model amounts into an MCO specific projected cost.
5. Apply adjustments to the base experience data to project CY 2021 services costs for each MCO / GSR.
6. Add allowance for non-benefit costs.
7. Blend the capitation rates developed for non-expansion and expansion counties to create a single rate for expanding GSRs.

No phase-in adjustment is applied for the Non-NH LOC population. Individuals meeting the Non-NH LOC criteria in counties recently expanding were not eligible to receive Family Care-covered services prior to Family Care starting in those regions. Therefore, there is no historical experience prior to the establishment of Family Care from which to develop a phase-in adjustment.

Each of the above steps is described in detail below.

STEP 1: EXTRACT AND SUMMARIZE ENCOUNTER BASE EXPERIENCE DATA

In this step the MCO encounter experience for CY 2019 is summarized by MCO / GSR and service category for the Non-NH LOC populations enrolled in the Family Care program.

We used the same process to summarize and validate the MCO encounter data for the Non-NH LOC population as the one described in Section III of this report for the NH LOC population. The CY 2021 Non-NH LOC rate methodology also relies on CY 2019 MCO encounter data for the same MCO / GSR combinations that are deemed credible for the NH LOC population. The base data cohort encompasses 97% of the total Non-NH LOC CY 2019 exposure. Excluding the service costs for the excluded MCO / GSR combinations increases the rate development base data PMPM by 0.2%.

Identical processes are used to assign target group and reconcile case management expenses as used for the NH LOC population. However, the Non-NH LOC population is not subject to the HCRP. Therefore, no such pooling adjustment is made.

STEP 2: APPLY IBNR ADJUSTMENT

In this step we apply an adjustment to the base period costs to account for outstanding service cost liability for each MCO and GSR combination using the same IBNR factors shown in Table 5, which were calculated using a combination of NH and Non-NH LOC experience due to the non-credible size of the Non-NH LOC experience.

Exhibit J shows adjusted values for each target group.

Non-Covered Services Adjustment

MCOs are allowed to provide LTC waiver services under Family Care that are not explicitly covered for Non-NH LOC beneficiaries, most often in lieu of a covered service. As part of the capitation rate development process, the encounter data is adjusted to remove the portion of the cost of in-lieu-of services that exceeds the cost of the corresponding state plan service. The two most significant covered services that are substituted for are personal care and state plan transportation services.

In addition, costs for certain non-covered services were excluded because they do not have a comparable covered service under Family Care. According to regulation, non-covered services that do not have a comparable covered service cannot be included in the capitation rate development. These services include supported employment, certain institutional services, and other services.

Table 18 below shows a summary of the amounts for non-covered services we exclude for the Non-NH LOC base data cohort.

Table 18 Wisconsin Department of Health Services Excluded Amounts for Non-Covered Services	
MCO ¹	Amount
Care Wisconsin	\$52,037
CCI	59,965
Inclusa	42,288
LCI	4,433
MCFCI	5,385
Total	\$164,108

¹ Excludes experience for expansion counties in GSRs 1, 4, and 5, and GSR 12.

In total, we excluded \$164,108 from the Non-NH CY 2019 base data for non-covered services.

Exhibit J shows the summarized CY 2019 MCO encounter base experience data by target group net of the non-covered services exclusion.

STEP 3: CONVERT TARGET GROUP BASED SUMMARIES TO FUNCTIONAL STATUS CATEGORIES

In this step we summarize the CY 2019 MCO experience data into the functional status model categories. The Non-NH level of care functional status models are based on MCO-reported experience for CY 2019 and stratify claims experience based on an individual's level of need, using their sum of ADLs and IADLs. The ADLs and IADLs are each separated into "low" and "high" levels of need. A "low" level of need corresponds to an individual that has an ADL / IADL count of two or less. A "high" level of need corresponds to an individual that has an ADL / IADL count of three or more. The rates are developed based on four distinct cohorts:

- Low IADL and low ADL level of need
- Low IADL and high ADL level of need
- High IADL and low ADL level of need
- High IADL and high ADL level of need

Consistent with the summaries by target group, the cost for each functional status category is adjusted for in-lieu-of services that are excluded from the base period and adjusted for IBNR.

Due to the low enrollment totals in high ADL / IADL buckets, significant variation has been observed historically in relationship by functional group. To reduce this variation, the CY 2019 functional PMPM relativity has been blended with the CY 2018 functional PMPM relativity, using a 50% weight for each year. The resulting normalized relativity is scaled to match the CY 2019 composite PMPM.

Exhibit K shows starting and adjusted values for each functional status category.

STEP 4: BLEND THE BASE FUNCTIONAL STATUS MODEL AMOUNTS INTO AN MCO SPECIFIC PROJECTED COST

In this step we develop an MCO / GSR specific PMPM by blending the functional status PMPMs using their projected CY 2021 enrollment with a distribution by functional status developed from CY 2018 and CY 2019 experience.

For an MCO with fewer than 100 exposure months in CY 2019 for a particular region, the projected cost is developed using the IADL / ADL enrollment distribution that reflects all Family Care enrollees in that region. Table 19 shows the impacted MCO / GSR combinations. Using the region-wide distribution in these situations slightly decreases base period costs for the base cohort.

Table 19 Wisconsin Department of Health Services Low Credibility MCO / GSR Combinations – Non-NH LOC	
MCO	Low Credibility Combinations ¹
CCI	GSR 12
Inclusa	GSR 5, GSR 6, GSR 9, GSR, 10, GSR 13
LCI	GSR 4, GSR 10
MCFCI / Care Wisconsin	GSR 11

¹ Excludes expansion counties in GSRs 1, 4, and 5.

For MCOs operating in expansion counties in GSRs 1, 4, and 5, the IADL / ADL enrollment distribution is based on the distribution developed for the MCO in non-expansion counties in the same GSR.

Exhibit L shows the blending process for each MCO / GSR combination.

STEP 5: APPLY ADJUSTMENTS TO THE BASE EXPERIENCE DATA TO PROJECT CY 2021 SERVICE COSTS FOR EACH MCO / GSR

In this step we apply an adjustment to the base period costs to project costs from the CY 2019 base period to the CY 2021 contract period. These adjustments are shown in Exhibit M.

CY 2019 to CY 2021 Trend Adjustment

Service cost and acuity changes are applied for 24 months to project the CY 2019 baseline cost data to the CY 2021 contract period. Table 20 below shows the cost and acuity trends used for the Non-NH LOC population, which are consistent with those shown in the "Starting Annual Service Cost Trend" column of Table 7 and Table 10, respectively, for the NH LOC population. The same trend values as the NH LOC population are used because of the non-credible size of the Non-NH LOC experience. Given the significant similarity of covered populations, benefits, provider reimbursement, and geography between the NH and Non-NH LOC populations, we believe the NH trend rates are the most appropriate to use for the Non-NH population.

Similar to the adjustment made for the NH LOC population, we remove the underlying nursing home reimbursement increases from our annual Service Cost trend assumption and include an explicit adjustment for changes in nursing home reimbursement rates later in this section. We observe approximately 2.65% of base data experience for nursing home services on average across all target groups. We adjust the annual service cost trend by target group, resulting in a composite impact on the service cost trend assumption of $2.65\% \times -3.0\% = -0.08\%$.

Table 20
Wisconsin Department of Health Services
Annual Trend Rates by Target Group

Target Group	Annual Utilization Trend	Annual Unit Cost Trend	Annual PMPM Trend	Annual Acuity Trend	Annual Total Trend
Developmentally Disabled	0.11%	-0.13%	-0.02%	2.40%	2.38%
Physically Disabled	-0.29%	0.19%	-0.10%	1.40%	1.30%
Frail Elderly	-1.09%	0.98%	-0.12%	0.20%	0.08%
Total	-0.33%	0.25%	-0.08%	1.47%	1.39%

Geographic Adjustment

Since the base cost data represents an average program cost, an adjustment for each MCO / GSR is needed to reflect the difference in service costs associated with providing care in different regions of the Family Care service area.

We used the same geographic adjustment factors as for the NH LOC population and documented in Appendix E of this report because of the non-credible size of the Non-NH LOC experience. Given the significant similarity of covered populations, benefits, provider reimbursement, and geography between the NH and Non-NH LOC populations, we believe the NH wage factors are the most appropriate to use for the Non-NH population. The geographic factors are normalized to 1.0 for the base cohort.

Nursing Home Rate Adjustment

The 2019-20 Wisconsin biennial budget directs DHS to provide a 5.3% rate increase for nursing home per diems for SFY 2020, and the 2020-21 Wisconsin biennial budget directs DHS to provide a 1.0% rate increase for SFY 2021, and 1.0% rate increase for SFY 2022. These rate increases result in a combined increase of 4.1% between CY 2019 and CY 2021. Nursing home services represent 2.65% of base period experience for the Non-NH LOC population; therefore, we applied an adjustment of $2.65\% \times 4.1\% = 0.11\%$. This adjustment is made in Exhibit M.

Personal Care Rate Adjustment

DHS is also increasing fee-for-service personal care rates by 14.6% effective January 2020 pursuant to direction in the 2019-21 Wisconsin state budget. Accompanying this rate increase was the expectation that Family Care MCOs would also implement these rate increases effective January 2020. Our review of historical increases to personal care rates from CY 2017 to CY 2019 shows an average increase of 1.67% per annum. This historical increase is implicitly included as part of the service cost trend applied earlier. Therefore, we applied an adjustment of 10.87% to PCA services, which includes the 14.6% increase, offset by two years of 1.67% trend already included in our trend assumption. Personal care costs represented 0.15% of base period costs for the Non-NH LOC population; therefore, we applied an adjustment of $0.15\% \times 10.87\% = 0.02\%$. This adjustment is made in Exhibit M.

Provider Reimbursement Increase

For both the CY 2020 and CY 2021 capitation rates, DHS included a rate adjustment to increase average provider reimbursement rates by 1% each year for waiver services provided above the unit cost trend included in rate development. With this rate adjustment is the expectation that certain Family Care MCOs will implement corresponding provider rate increases effective CY 2020 and CY 2021. Given the recent implementation of Family Care in GSR 12, it is expected that MCOs operating there may choose to implement only the 1% provider reimbursement increase for CY 2021, so this adjustment is only applied for one year for GSR 12.

Waiver services amount to approximately 30.4% of total Non-NH LOC service costs, resulting in an increase of 0.61% from 2019 to 2021.

DME Rate Adjustment

The 21st Century Cares Act requires that the Medicaid fee-for-service rate for DME services be no higher than the Medicare rate. The reduction in the Medicaid fee schedule is phased in over several years, with the first change effective January 1, 2019. It is expected that MCO reimbursement for DME services is consistent with the Medicaid

fee-for-service rate. DHS determined that the reduced DME rates will result in a decrease of 0.15% to Non-NH LOC projected service costs.

STEP 6: ADD ALLOWANCE FOR NON-BENEFIT COSTS

In this step we develop the non-benefit cost allowance for the Non-NH eligible population. Non-benefit expense loads and resulting MCE and capitation rates are shown in Exhibit N.

It is our understanding that the Non-NH LOC and NH LOC populations are administered similarly by the MCOs. The non-benefit cost model developed by DHS models MCO expenses well compared to actual. In addition, the revenue associated with the Non-NH program is small enough that we do not believe it would be possible to develop a credible, standalone administrative cost model.

Therefore, the allowance for Non-NH LOC administrative cost allowance PMPM for each MCO is set equal to approximately 16% of the MCO's NH LOC administrative cost allowance, based on the ratio of the monthly CY 2019 NH LOC service costs gross of HCRP and Non-NH LOC service costs. As described in Section III of this report, the allowance for administrative costs for the NH LOC population is developed from a combination of fixed and variable cost components as determined by DHS and the MCOs.

We include an explicit 2.0% targeted margin to account for risk margin and cost of capital. We believe that this margin is appropriate given the predictability of expenses under the program, and margins included for similar programs nationally. In 2019, 85% of the P4P withhold was returned to MCOs.

Exhibit N shows the monthly capitation rates.

STEP 7: BLEND NON-EXPANSION AND EXPANSION COUNTIES

Capitation rates are built up separately for non-expansion and expansion counties in GSRs 1, 4, and 5. In Exhibit O the non-expansion and expansion components of the capitation rates are blended for each MCO / GSR combination based on the projected 2021 exposure months. Exhibit P restates the components of the CY 2021 MCO / GSR capitation rates.

V. OTHER RATE CONSIDERATIONS

All actual and potential adjustments outlined in this section have been developed in accordance with generally accepted actuarial principles and practices.

RISK CORRIDOR

For CY 2021 Family Care will have a risk corridor mechanism to mitigate the significant uncertainty outside of MCO control related to the ongoing COVID-19 pandemic. The risk corridor will address variances in costs for all services other than care management. The pricing assumptions in this report create an average target risk corridor loss ratio of 83.8%, excluding care management, based on the following components:

- Average administrative allowance of 3.2%
- Average care management load of 11.1%
 - DD target group – 8.7%
 - PD target group – 15.9%
 - FE target group – 13.2%
 - Non-NH LOC – 63.6%
- Margin of 2.0%

MCO / GSR-specific administrative allowance and care management loads will be developed to match actual target group mix, LOC mix and pricing assumptions made in rate development. Note, the actual rate development MLR including covered care management services is well above the 85% minimum required under federal regulation.

DHS and each MCO will share the marginal financial risk of actual results above or below the target risk corridor loss ratio as shown in the table below.

Variance from Target	Average Loss Ratio Claims Corridor	MCO Share of Gain / Loss in Corridor	DHS Share of Gain / Loss in Corridor
< -6.0%	< 77.8%	0%	100%
-6.0% to -2.0%	77.8% to 81.8%	50%	50%
-2.0% to +2.0%	81.8% to 85.8%	100%	0%
+2.0% to +6.0%	85.8% to 89.8%	50%	50%
> 6.0%	> 89.8%	0%	100%

The risk corridor settlement will occur after the CY 2021 rate year has ended, and enough time has passed to collect and validate CY 2021 encounter data and financial data. We anticipate performing an initial settlement no earlier than four months after the rate year has ended and a final settlement no earlier than nine months after the rate year has ended.

Only medical benefit services costs, as defined in the contract and this report, other than care coordination, will be included in the numerator of the loss ratio calculation for the risk corridor program. Care coordination, quality improvement, and other non-medical benefit service costs will not be included in the numerator of the loss ratio calculation, consistent with the development of the target risk corridor target loss ratio. All capitation revenue will be included in the denominator of the loss ratio calculation.

Consistent with contract expectations, DHS expects reimbursement made for medical benefit services should be at market-based levels and should incent efficient and high quality care. As such, DHS reserves the right to review encounters and other information associated with such payments and adjust the risk corridor calculation as necessary to reflect those expectations.

WITHHOLDS AND INCENTIVES

The total value of incentives outlined in this section will not exceed 5% of total capitation received by any MCO.

Pay for Performance Withhold and Incentive

Beginning in CY 2018, DHS implemented pay for performance (P4P) in the Family Care program. For CY 2021, DHS will withhold 0.5% of each MCO's gross capitation rate. MCOs will be allowed to earn back the withhold based on their performance on the following metrics:

1. Meeting minimum performance standards on four member satisfaction survey questions will determine the amount of withhold returned for 0.25% of capitation. The member satisfaction survey will be administered during the rate year. MCOs will be able to earn back a quarter of the withheld amount for each question for which they meet the minimum performance standard. If the MCO meets the minimum performance standards for all four questions on the member satisfaction survey, they are then eligible to earn up to an additional 0.20% of their capitation rate in incentive payments. MCOs can earn an incentive payment equal to 0.05% of their capitation rate by meeting or exceeding the targeted performance benchmark for each question.
2. MCOs that maintain between 80% and 89% of their current competitive integrated employment rate will earn back 0.125% withheld from the capitation. MCOs that maintain between 90% and 100% of their current competitive integrated employment rate will earn back 0.25% withheld from the capitation. MCOs will earn an incentive of 0.05% of the capitation if they increase the number of members in competitive integrated employment by between 2.0% and 3.9% and an incentive of 0.1% if they increase the number of members by at least 4.0%.

Based on past performance, DHS and Milliman estimate that 0.43% of the 0.5% withhold (85% of the total P4P withhold) will be returned to MCOs under the pay for performance terms, assuming no material changes to the program are made. These capitation rates are certified as being actuarially sound assuming that 0.43% of the 0.5% withhold is returned.

Assisted Living Quality Incentive Payment

MCOs may receive incentive payments of no more than 0.1% of the total capitation received by the MCO for each member residing in assisted living facilities that meet one of two performance benchmarks. The amount of the incentive payment depends on which of the two performance benchmarks the facility meets:

1. Licensed for three years with no enforcement actions or substantiated complaints for three years.
2. Licensed for three years with no enforcement actions or substantiated complaints for three years, has a rate of less than three falls with injury per 1,000 occupied bed days, and is a member of the Wisconsin Coalition for Collaborative Excellence in Assisted Living.

Relocation Incentive Payment

DHS may provide a one-time incentive payment to the MCO for each MCO member who is relocated from an institution into a community setting consistent with federal Money Follows the Person (MFP) guidelines, contingent on the availability of federal MFP funding.

RETROSPECTIVE ADJUSTMENTS

Several retrospective adjustments not reflected in this report will be made for certain issues outside MCO control. These adjustments are not designed to be budget neutral. These adjustments, which if necessary, will be completed by December 31, 2022, include the processes outlined in this section.

Target Group Adjustment

If necessary, DHS will reconcile the LTC service components of capitation payments to the actual target group mix experienced during the contract period. This adjustment is calculated for each MCO / GSR combination and estimates the impact on aggregate capitation rates for the differences in the distribution of members by target group between

projected and actual contract period enrollment. The process used to calculate the retroactive target group adjustment is as follows:

1. Projected and actual contract period enrollment is summarized by MCO and GSR combination for each target group.
2. Long term care capitation rates net of the HCRP and withhold are deconstructed into target group-specific long-term care capitation rates.
3. The aggregate long-term care capitation rate is calculated by weighting the target group-specific long-term care capitation rates separately for projected enrollment and actual enrollment.
4. The PMPM payment or recoupment amount is calculated as the difference between the capitation rates calculated with projected and actual enrollment. This difference is multiplied by actual contract period member months to determine the total payment or recoupment.

We do not anticipate this adjustment to be necessary for CY 2021, since we expect capitation rates to be paid to MCOs at the target group level.

Nursing Home Closure Adjustment

In the event of the closure of an institutional facility, DHS may consider an adjustment in the capitation rate if the MCO quantifies a material cost increase, due to an increase in the number of members who enrolled with the MCO in 2021 and who meet both of the following conditions:

- Have a nursing home stay greater than 100 consecutive days during 2020 after enrollment
- Enrolled within 32 calendar days of their nursing home discharge date, or enrolled while residing in a nursing home

If this adjustment is necessary, capitation rates will be recertified to incorporate the adjustment.

ALTERNATIVE PAYMENT ARRANGEMENTS

The following describes alternative payment arrangements in the Family Care program.

Maximum Provider Fee Schedule

Per the contract between DHS and the participating MCOs, State Plan services provided under the Family Care benefit package are subject to a maximum fee schedule established by the state. The use of this maximum fee schedule promotes efficient, and cost effective care by controlling the growth in Medicaid expenditures. Most providers of State Plan services are subject to the maximum fee schedule, though MCOs have the ability to exceed the limit when necessary for executing a reimbursement contract. This arrangement does not include a separately distributed directed payment. DHS will submit a §438.6(c) pre-print proposal for an alternative payment arrangement to implement the maximum fee schedule for CMS approval.

The maximum fee schedule was built into rates in a manner consistent with the §438.6(c) payment arrangement. The base data developed in Sections III and IV of this report was developed based on historical Family Care experience, which reflects the long-standing maximum fee schedule arrangement and approved exceptions. This base data was used to develop rates for all regions, including expansion regions in which Family Care was not yet operational. No further adjustment to provider reimbursement levels are made as part of rate development.

We certify that the Family Care capitation rates, including the maximum fee schedule, are actuarially sound.

Direct Care Workforce

Additionally, the 2019-21 Wisconsin biennial budget provides \$60.3 million in SFY 2019-20 and \$68.0 million in SFY 2020-21 to be distributed to Direct Care Workforce providers. DHS will submit a §438.6(c) pre-print proposal for an alternative payment arrangement to implement the funding distribution for CMS approval. Once the preprint is approved, we will recertify CY 2021 capitation rates to include this funding consistent with the approved methodology.

EXHIBITS A through H

Capitation Rate Development – Nursing Home Level Care

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

This report assumes that the reader is familiar with the State of Wisconsin's Medicaid program, its benefits, and rate setting principles. The report was prepared solely to provide assistance to DHS to set CY 2021 capitation rates for the Family Care program. It may not be appropriate for other purposes. Milliman does not intend to benefit, and assumes no duty or liability to, other parties who receive this work. This material should only be reviewed in its entirety.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Care WI (GSR 1 - Non-Expansion Counties)			Care WI (GSR 1 - Expansion Counties)			Care WI (GSR 2)			Care WI (GSR 3)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	849	887	2,779	568	143	513	2,169	1,625	2,274	1,668	1,426	2,817
Category of Service												
Adaptive Equipment	\$29.70	\$107.82	\$37.21	\$21.41	\$257.12	\$40.35	\$46.04	\$97.20	\$42.25	\$24.58	\$93.87	\$48.18
Adult Day Activities	42.06	3.09	3.87	36.31	0.00	0.00	9.70	5.03	7.54	1.95	0.00	1.65
Case Management	347.76	453.60	327.97	387.15	369.01	365.04	338.30	366.49	349.63	295.66	428.81	316.22
Financial Management	19.73	53.57	14.51	20.53	24.30	4.37	26.44	41.83	20.07	18.03	26.75	19.20
Habilitation/Health	77.89	86.30	10.89	222.37	255.22	5.74	146.70	66.42	18.57	207.84	78.51	22.85
Home Care	447.07	576.42	165.36	709.02	944.03	247.43	556.52	531.53	290.28	229.30	340.60	293.27
Home Health Care	8.54	56.90	28.04	31.83	7.31	17.72	4.66	38.06	18.87	7.82	75.70	2.64
Institutional	437.95	773.73	622.10	6.17	78.93	352.34	141.61	267.38	680.21	216.59	304.74	582.01
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.08	0.00	0.00	0.00
Residential Care	2,147.95	624.30	1,174.73	1,175.83	66.55	1,381.32	1,413.16	316.12	742.44	1,449.26	526.74	912.88
Respite Care	231.69	31.78	0.00	16.39	0.00	0.00	26.46	7.15	5.93	10.93	30.16	0.69
Transportation	116.65	120.44	62.05	129.17	50.29	118.88	147.39	140.03	64.88	95.00	205.48	50.28
Vocational	60.48	0.00	0.00	461.74	0.00	7.72	96.45	0.62	0.00	160.93	9.65	3.64
Total Services, Gross of Pooled Claims	\$3,967.49	\$2,887.96	\$2,446.72	\$3,217.92	\$2,052.76	\$2,540.93	\$2,953.42	\$1,878.33	\$2,240.76	\$2,717.89	\$2,121.02	\$2,253.51
Composite PMPM, Gross of Pooled Claims		\$2,819.39			\$2,797.97			\$2,398.44			\$2,352.59	
Total Pooled Claims (\$) ¹	\$231.21	\$0.00	\$0.00	\$12.68	\$0.00	\$0.00	\$93.24	\$0.00	\$0.00	\$13.30	\$11.85	\$0.00
Total Pooled Claims (%) ¹	6.2%	0.0%	0.0%	0.4%	0.0%	0.0%	3.3%	0.0%	0.0%	0.5%	0.6%	0.0%
Total Services, Net of Pooled Claims	\$3,736.28	\$2,887.96	\$2,446.72	\$3,205.24	\$2,052.76	\$2,540.93	\$2,860.19	\$1,878.33	\$2,240.76	\$2,704.60	\$2,109.16	\$2,253.51
Composite PMPM, Net of Pooled Claims		\$2,775.91			\$2,792.09			\$2,365.11			\$2,345.98	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Care WI (GSR 5 - Non-Expansion Counties)			Care WI (GSR 5 - Expansion Counties)			Care WI (GSR 6)			Care WI (GSR 11)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	15,774	3,626	9,422	392	298	422	11,140	2,761	10,409	477	435	562
Category of Service												
Adaptive Equipment	\$47.60	\$113.40	\$48.30	\$122.67	\$71.04	\$52.64	\$41.18	\$104.84	\$42.02	\$82.72	\$97.93	\$39.40
Adult Day Activities	54.62	12.07	4.56	134.53	0.00	11.00	16.30	1.98	4.96	46.98	0.00	0.00
Case Management	331.94	465.26	382.73	434.46	506.87	448.44	312.65	432.49	332.24	387.23	368.68	386.10
Financial Management	25.97	31.21	11.16	21.78	12.40	11.90	34.82	33.47	11.02	28.48	54.34	19.12
Habilitation/Health	274.31	73.24	19.21	52.68	10.47	2.22	425.22	54.37	5.22	28.86	17.27	13.98
Home Care	430.86	994.73	223.83	868.79	750.93	596.96	923.79	1,202.75	330.06	1,232.79	736.25	565.53
Home Health Care	24.81	49.26	20.38	6.98	37.24	11.14	5.88	25.75	4.29	35.49	21.71	5.74
Institutional	170.09	270.57	344.93	243.74	374.98	559.79	245.39	424.72	688.37	807.82	482.84	576.43
Other	2.74	0.11	0.85	0.00	4.95	0.00	1.06	0.69	0.30	0.00	0.00	0.00
Residential Care	2,448.55	693.24	1,423.29	2,432.75	1,181.90	1,230.32	2,465.96	969.36	1,460.89	3,664.73	220.87	841.04
Respite Care	20.08	13.75	14.44	23.04	69.46	15.39	5.00	11.80	0.61	9.70	10.98	2.85
Transportation	136.52	191.66	49.85	194.62	275.99	79.61	152.88	141.92	24.36	66.24	56.78	18.86
Vocational	210.53	17.36	0.33	266.26	5.00	0.00	107.25	3.26	1.06	27.05	0.00	0.00
Total Services, Gross of Pooled Claims	\$4,178.62	\$2,925.86	\$2,543.87	\$4,802.30	\$3,301.24	\$3,019.43	\$4,737.38	\$3,407.39	\$2,905.40	\$6,418.09	\$2,067.64	\$2,469.05
Composite PMPM, Gross of Pooled Claims		\$3,486.62			\$3,723.43			\$3,801.92		\$3,628.39		
Total Pooled Claims (\$) ¹	\$215.50	\$104.86	\$0.00	\$279.38	\$0.00	\$0.00	\$264.75	\$117.44	\$16.00	\$993.14	\$34.29	\$0.00
Total Pooled Claims (%) ¹	5.4%	3.7%	0.0%	6.2%	0.0%	0.0%	5.9%	3.6%	0.6%	18.3%	1.7%	0.0%
Total Services, Net of Pooled Claims	\$3,963.13	\$2,821.00	\$2,543.87	\$4,522.92	\$3,301.24	\$3,019.43	\$4,472.63	\$3,289.96	\$2,889.39	\$5,424.95	\$2,033.35	\$2,469.05
Composite PMPM, Net of Pooled Claims		\$3,355.49			\$3,624.95			\$3,660.41		\$3,296.91		

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Care WI (GSR 12)			Care WI (GSR 13)			CCI (GSR 6)			CCI (GSR 8)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	5,790	1,149	2,873	9,657	2,837	4,116	19,674	4,438	14,207	15,174	13,447	11,596
Category of Service												
Adaptive Equipment	\$71.46	\$149.70	\$50.39	\$62.70	\$143.43	\$53.71	\$32.13	\$108.82	\$36.85	\$43.34	\$86.54	\$51.58
Adult Day Activities	14.12	77.40	8.56	15.14	3.57	2.97	18.97	6.96	6.71	79.25	15.33	28.34
Case Management	367.52	434.55	396.56	303.15	383.08	372.93	287.46	385.96	315.26	278.80	320.52	306.94
Financial Management	38.56	39.93	15.87	31.32	45.48	24.79	22.38	28.43	9.69	27.84	31.67	19.41
Habilitation/Health	459.81	86.10	29.34	347.09	81.75	13.14	369.74	40.87	9.64	259.80	42.19	8.00
Home Care	2,210.17	1,670.39	346.19	1,039.76	1,266.50	632.57	512.46	798.66	225.69	804.29	980.22	669.46
Home Health Care	1.42	32.93	6.14	59.21	213.69	72.71	19.44	78.49	1.44	16.84	33.74	18.57
Institutional	51.40	361.59	222.90	50.90	195.75	291.40	100.39	385.73	537.60	223.41	224.93	571.50
Other	0.73	4.48	1.09	6.10	0.13	0.00	0.61	0.49	0.61	2.01	2.10	1.59
Residential Care	1,372.42	1,293.56	1,835.01	1,790.17	630.25	1,094.00	2,171.83	810.36	1,695.90	1,718.83	721.56	1,005.55
Respite Care	26.85	5.29	2.15	23.68	10.93	7.09	8.17	2.22	9.51	14.95	3.96	9.52
Transportation	437.87	173.43	59.64	188.72	120.65	67.11	121.05	90.04	19.76	153.05	133.66	63.40
Vocational	472.49	1.00	0.16	122.14	5.27	0.60	109.78	2.07	0.32	40.66	1.40	0.00
Total Services, Gross of Pooled Claims	\$5,524.83	\$4,330.36	\$2,973.99	\$4,040.06	\$3,100.48	\$2,633.04	\$3,774.40	\$2,739.10	\$2,868.97	\$3,663.06	\$2,597.82	\$2,753.85
Composite PMPM, Gross of Pooled Claims	\$4,637.96			\$3,530.90			\$3,318.80			\$3,044.74		
Total Pooled Claims (\$) ¹	\$86.95	\$228.74	\$0.00	\$238.99	\$39.58	\$0.00	\$37.95	\$16.02	\$0.00	\$53.70	\$0.00	\$0.00
Total Pooled Claims (%) ¹	1.6%	5.6%	0.0%	6.3%	1.3%	0.0%	1.0%	0.6%	0.0%	1.5%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$5,437.88	\$4,101.61	\$2,973.99	\$3,801.08	\$3,060.90	\$2,633.04	\$3,736.46	\$2,723.09	\$2,868.97	\$3,609.36	\$2,597.82	\$2,753.85
Composite PMPM, Net of Pooled Claims	\$4,559.87			\$3,385.20			\$3,297.46			\$3,024.48		

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	CCI (GSR 9)			CCI (GSR 10)			CCI (GSR 11)			Inclusa (GSR 1 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	1,542	1,447	2,854	10,102	1,926	7,025	15,011	5,326	9,072	13,699	3,716	9,327
Category of Service												
Adaptive Equipment	\$44.28	\$67.04	\$38.03	\$32.28	\$63.41	\$40.94	\$37.10	\$123.95	\$45.06	\$49.26	\$132.32	\$63.69
Adult Day Activities	8.34	4.86	10.59	25.22	0.00	4.78	62.79	0.23	3.21	9.97	2.71	6.73
Case Management	399.25	403.04	355.96	311.12	426.25	333.09	278.49	343.24	320.56	369.93	521.29	439.82
Financial Management	18.61	28.39	12.84	13.02	28.57	8.33	28.36	30.57	13.77	18.70	29.04	10.03
Habilitation/Health	114.31	41.21	7.98	133.54	25.23	7.41	199.60	57.27	13.24	146.22	37.52	15.71
Home Care	517.63	504.08	216.53	872.39	628.64	140.50	445.51	591.39	305.18	193.91	447.42	191.32
Home Health Care	19.59	29.42	10.91	4.13	23.83	7.21	19.76	54.14	4.56	13.54	73.99	24.18
Institutional	105.42	459.56	530.42	108.82	492.13	354.34	183.74	327.21	395.27	154.82	500.48	640.50
Other	0.26	1.59	0.26	0.61	0.82	0.56	0.23	0.46	0.62	1.66	1.75	0.00
Residential Care	1,727.98	571.34	1,355.77	2,068.75	934.12	1,643.87	2,340.06	831.68	1,565.20	2,810.28	754.77	1,285.64
Respite Care	42.54	8.85	8.85	24.22	27.61	10.80	25.63	21.78	6.45	18.06	24.19	5.56
Transportation	83.95	92.74	25.99	97.39	46.85	17.38	100.18	81.50	32.08	85.96	133.08	35.72
Vocational	59.50	0.00	0.00	129.84	8.48	0.01	143.26	7.23	1.56	187.62	11.01	0.66
Total Services, Gross of Pooled Claims	\$3,141.65	\$2,212.13	\$2,574.15	\$3,821.33	\$2,705.94	\$2,569.22	\$3,864.72	\$2,470.66	\$2,706.76	\$4,059.93	\$2,669.55	\$2,719.55
Composite PMPM, Gross of Pooled Claims		\$2,634.22			\$3,246.93			\$3,255.04			\$3,399.25	
Total Pooled Claims (\$) ¹	\$178.88	\$0.00	\$0.00	\$50.01	\$0.00	\$0.00	\$32.71	\$2.32	\$0.00	\$64.54	\$0.67	\$0.00
Total Pooled Claims (%) ¹	6.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.9%	0.1%	0.0%	1.6%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$2,962.77	\$2,212.13	\$2,574.15	\$3,771.32	\$2,705.94	\$2,569.22	\$3,832.01	\$2,468.34	\$2,706.76	\$3,995.40	\$2,668.89	\$2,719.55
Composite PMPM, Net of Pooled Claims		\$2,587.02			\$3,220.42			\$3,237.93			\$3,366.10	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Inclusa (GSR 1 - Expansion Counties)			Inclusa (GSR 2)			Inclusa (GSR 3)			Inclusa (GSR 4 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	394	92	306	18,806	7,527	15,424	11,397	3,845	7,915	20,550	6,319	12,783
Category of Service												
Adaptive Equipment	\$93.86	\$131.38	\$67.73	\$59.69	\$118.54	\$62.03	\$47.60	\$103.56	\$60.00	\$59.84	\$131.76	\$77.36
Adult Day Activities	12.69	0.00	0.00	51.69	1.99	9.40	34.45	0.14	0.68	16.40	9.36	11.30
Case Management	384.25	785.47	481.45	397.89	464.85	437.33	366.61	497.26	444.38	394.57	527.03	447.74
Financial Management	17.19	17.10	8.26	19.46	19.53	9.50	15.04	40.72	15.81	29.02	39.18	16.99
Habilitation/Health	345.31	87.04	0.26	115.75	51.01	14.77	219.11	53.78	27.23	250.26	39.50	9.51
Home Care	217.46	550.04	324.94	275.09	456.89	225.37	259.99	690.24	330.92	732.48	751.78	440.94
Home Health Care	13.91	0.00	4.48	23.62	84.51	18.64	6.87	37.74	17.03	9.60	39.34	9.00
Institutional	0.00	1,172.03	589.01	195.89	193.07	976.65	248.41	182.34	1,040.08	53.22	235.26	283.32
Other	0.00	0.00	0.00	1.73	1.81	1.39	1.10	0.24	0.11	23.31	4.29	0.29
Residential Care	3,214.43	972.63	898.43	2,130.65	603.93	847.44	1,827.47	541.19	823.88	1,675.99	607.06	1,110.73
Respite Care	35.85	0.00	3.20	18.25	5.30	1.07	26.58	13.67	3.54	33.99	5.62	3.43
Transportation	143.58	110.04	21.00	126.78	119.42	60.37	49.22	128.13	88.54	91.82	122.66	50.17
Vocational	377.07	0.00	0.00	116.44	1.89	0.50	254.01	28.58	0.39	149.86	5.60	0.53
Total Services, Gross of Pooled Claims	\$4,855.58	\$3,825.72	\$2,398.77	\$3,532.95	\$2,122.74	\$2,664.47	\$3,356.47	\$2,317.60	\$2,852.59	\$3,520.36	\$2,518.43	\$2,461.31
Composite PMPM, Gross of Pooled Claims		\$3,786.91			\$2,957.94			\$3,011.74			\$3,019.27	
Total Pooled Claims (\$) ¹	\$536.63	\$0.00	\$0.00	\$49.36	\$17.97	\$0.00	\$26.34	\$0.00	\$0.00	\$99.63	\$88.98	\$0.00
Total Pooled Claims (%) ¹	12.4%	0.0%	0.0%	1.4%	0.9%	0.0%	0.8%	0.0%	0.0%	2.9%	3.7%	0.0%
Total Services, Net of Pooled Claims	\$4,318.95	\$3,825.72	\$2,398.77	\$3,483.59	\$2,104.77	\$2,664.47	\$3,330.13	\$2,317.60	\$2,852.59	\$3,420.72	\$2,429.45	\$2,461.31
Composite PMPM, Net of Pooled Claims		\$3,520.03			\$2,932.47			\$2,998.77			\$2,953.46	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Inclusa (GSR 4 - Expansion Counties)			Inclusa (GSR 5 - Non-Expansion Counties)			Inclusa (GSR 5 - Expansion Counties)			Inclusa (GSR 6)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	1,418	445	1,210	655	327	608	392	29	96	104	88	197
Category of Service												
Adaptive Equipment	\$67.58	\$89.33	\$84.15	\$32.46	\$30.62	\$65.73	\$53.84	\$69.88	\$68.20	\$1.10	\$64.05	\$23.39
Adult Day Activities	1.83	0.00	11.22	0.00	0.00	0.00	123.05	0.00	0.00	0.00	0.00	4.98
Case Management	430.63	644.01	528.82	613.84	543.32	567.81	399.63	782.84	527.81	434.43	625.37	429.23
Financial Management	25.23	45.06	35.03	16.39	17.05	3.99	19.91	7.34	6.33	27.71	22.75	11.59
Habilitation/Health	172.22	40.00	2.59	96.82	29.50	7.85	21.73	4.03	10.80	170.08	25.20	13.39
Home Care	1,066.42	842.77	631.22	312.85	202.47	185.02	865.57	222.37	525.95	796.11	182.41	281.46
Home Health Care	2.68	7.83	0.86	11.16	9.88	2.40	10.38	0.00	0.00	0.00	0.98	0.00
Institutional	110.57	121.12	197.52	317.50	257.85	442.63	151.71	1,216.00	828.72	0.00	233.79	152.04
Other	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	34.70	0.00	0.00
Residential Care	2,397.21	672.71	981.53	2,808.79	459.06	1,315.81	3,050.58	24.19	635.58	877.50	1,612.09	1,642.21
Respite Care	46.04	37.18	11.54	15.68	0.00	0.00	35.79	0.00	0.00	0.00	0.00	0.00
Transportation	79.74	286.44	136.96	228.00	201.53	42.07	99.34	208.95	64.83	50.63	208.97	55.59
Vocational	131.09	0.00	0.00	158.25	3.80	0.00	183.61	101.56	0.00	30.75	0.00	0.00
Total Services, Gross of Pooled Claims	\$4,531.24	\$2,786.45	\$2,621.45	\$4,612.14	\$1,755.08	\$2,633.32	\$5,015.13	\$2,637.17	\$2,668.22	\$2,423.01	\$2,975.60	\$2,613.88
Composite PMPM, Gross of Pooled Claims		\$3,526.53			\$3,268.02			\$4,446.82			\$2,644.41	
Total Pooled Claims (\$) ¹	\$238.79	\$0.00	\$0.00	\$296.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Pooled Claims (%) ¹	5.6%	0.0%	0.0%	6.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$4,292.45	\$2,786.45	\$2,621.45	\$4,315.66	\$1,755.08	\$2,633.32	\$5,015.13	\$2,637.17	\$2,668.22	\$2,423.01	\$2,975.60	\$2,613.88
Composite PMPM, Net of Pooled Claims		\$3,416.35			\$3,145.87			\$4,446.82			\$2,644.41	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Inclusa (GSR 7)			Inclusa (GSR 14)			LCI (GSR 4 - Non-Expansion Counties)			LCI (GSR 4 - Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	13,134	3,913	10,544	4,438	942	1,790	854	571	2,407	1,489	559	1,377
Category of Service												
Adaptive Equipment	\$53.74	\$108.81	\$60.29	\$62.54	\$149.39	\$51.54	\$38.30	\$219.31	\$64.25	\$78.78	\$214.92	\$85.58
Adult Day Activities	7.13	3.87	5.28	30.42	0.55	6.02	5.08	0.00	2.70	2.06	0.00	7.35
Case Management	410.06	555.83	454.46	432.93	643.22	540.64	476.22	656.29	369.85	371.86	644.25	469.84
Financial Management	20.07	33.74	17.22	37.58	32.69	24.36	23.71	26.40	8.99	32.82	40.41	27.92
Habilitation/Health	178.85	98.18	19.91	390.91	42.64	30.18	105.44	52.62	5.52	296.55	24.86	7.56
Home Care	366.00	541.32	320.92	434.78	720.93	368.25	464.77	605.84	180.99	1,084.49	906.84	513.47
Home Health Care	31.57	31.58	12.49	3.48	30.32	228.99	4.18	32.42	2.02	0.89	20.02	3.33
Institutional	154.19	338.91	626.31	122.45	211.75	355.49	225.13	306.08	216.55	38.49	228.06	339.80
Other	8.26	8.52	0.00	3.34	0.28	0.15	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	2,165.83	718.97	1,049.13	3,061.88	449.03	932.55	1,038.71	892.19	1,786.40	1,595.74	320.47	924.29
Respite Care	24.42	12.14	3.69	58.45	9.64	14.23	0.41	14.86	9.92	58.90	13.41	9.54
Transportation	95.89	172.16	55.42	71.76	161.17	59.05	71.15	190.42	19.63	83.49	117.59	54.53
Vocational	210.66	5.00	0.00	259.13	22.78	0.00	19.36	0.00	0.00	193.39	0.00	0.00
Total Services, Gross of Pooled Claims	\$3,726.65	\$2,629.04	\$2,625.11	\$4,969.65	\$2,474.39	\$2,611.45	\$2,472.45	\$2,996.43	\$2,666.83	\$3,837.46	\$2,530.83	\$2,443.21
Composite PMPM, Gross of Pooled Claims	\$3,150.02			\$4,053.00			\$2,672.57			\$3,063.48		
Total Pooled Claims (\$) ¹	\$91.12	\$0.00	\$0.00	\$267.98	\$0.00	\$93.27	\$0.00	\$0.00	\$0.00	\$32.88	\$0.00	\$0.00
Total Pooled Claims (%) ¹	2.5%	0.0%	0.0%	5.7%	0.0%	3.7%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$3,635.53	\$2,629.04	\$2,625.11	\$4,701.67	\$2,474.39	\$2,518.18	\$2,472.45	\$2,996.43	\$2,666.83	\$3,804.58	\$2,530.83	\$2,443.21
Composite PMPM, Net of Pooled Claims	\$3,106.65			\$3,863.85			\$2,672.57			\$3,049.19		

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
 Wisconsin Department of Health Services
 CY 2021 Family Care Draft Capitation Rate Development
 Summary of 2019 Actual Experience by MCO / GSR
 Nursing Home Level of Care

	LCI (GSR 9)			LCI (GSR 10)			LCI (GSR 13)			MCFCI (GSR 2)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	15,301	4,363	10,060	1,339	851	2,644	14,759	4,117	10,689	419	335	407
Category of Service												
Adaptive Equipment	\$42.22	\$115.72	\$56.94	\$52.77	\$136.84	\$56.07	\$61.39	\$136.92	\$66.63	\$22.57	\$64.41	\$37.68
Adult Day Activities	26.04	5.07	3.76	0.00	0.68	0.67	15.20	4.06	3.81	45.62	0.00	10.50
Case Management	381.48	451.94	358.75	425.65	463.35	374.38	346.97	458.76	371.30	565.65	757.35	726.58
Financial Management	19.59	20.79	7.92	18.59	25.38	5.66	24.33	24.11	12.29	15.31	23.55	18.92
Habilitation/Health	228.46	41.49	13.11	220.71	36.37	11.35	394.73	77.56	14.32	20.56	50.51	16.16
Home Care	511.86	511.09	237.23	608.17	917.00	360.20	783.26	806.82	279.43	54.07	387.36	150.37
Home Health Care	9.55	83.93	27.96	46.81	87.70	21.17	60.08	118.59	55.46	17.74	59.00	8.69
Institutional	125.23	417.12	597.25	170.30	286.89	337.09	135.66	417.18	450.43	588.64	32.28	897.57
Other	1.19	0.48	0.00	0.00	1.36	1.44	1.30	2.06	0.41	0.00	1.01	0.00
Residential Care	2,245.05	539.14	1,260.67	2,420.30	359.59	1,531.83	1,776.46	828.44	1,412.73	2,615.71	744.31	853.89
Respite Care	38.71	4.97	1.52	17.98	0.00	0.00	46.18	5.04	3.66	84.12	155.47	0.00
Transportation	99.90	88.31	28.54	77.59	178.75	24.25	157.42	141.67	46.64	229.88	86.19	80.71
Vocational	238.60	10.29	0.95	120.77	3.05	0.03	111.56	3.66	1.01	296.45	0.00	0.00
Total Services, Gross of Pooled Claims	\$3,967.89	\$2,290.33	\$2,594.60	\$4,179.64	\$2,496.96	\$2,724.15	\$3,914.54	\$3,024.85	\$2,718.12	\$4,556.32	\$2,361.42	\$2,801.07
Composite PMPM, Gross of Pooled Claims		\$3,256.84			\$3,087.16			\$3,358.10			\$3,308.27	
Total Pooled Claims (\$) ¹	\$94.62	\$0.00	\$0.00	\$122.35	\$0.00	\$0.00	\$52.78	\$14.84	\$3.22	\$543.43	\$0.00	\$0.00
Total Pooled Claims (%) ¹	2.4%	0.0%	0.0%	3.0%	0.0%	0.0%	1.4%	0.5%	0.1%	13.5%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$3,873.27	\$2,290.33	\$2,594.60	\$4,057.29	\$2,496.96	\$2,724.15	\$3,861.77	\$3,010.02	\$2,714.90	\$4,012.89	\$2,361.42	\$2,801.07
Composite PMPM, Net of Pooled Claims		\$3,208.14			\$3,053.29			\$3,328.52			\$3,111.97	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	MCFCI (GSR 3)			MCFCI (GSR 6)			MCFCI (GSR 8)			MCFCI (GSR 11)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	176	204	175	912	499	1,167	27,056	15,550	44,244	1,352	1,199	1,281
Category of Service												
Adaptive Equipment	\$27.03	\$97.14	\$77.31	\$65.78	\$60.07	\$29.80	\$40.58	\$68.25	\$42.63	\$28.18	\$92.57	\$49.83
Adult Day Activities	28.48	0.00	0.00	20.25	8.87	3.70	85.66	20.02	35.63	21.29	2.63	4.07
Case Management	323.89	526.28	428.12	381.60	360.29	370.65	346.58	412.44	343.09	444.29	471.81	431.97
Financial Management	8.55	18.23	29.26	23.98	16.17	17.35	33.98	32.98	31.80	24.16	20.47	13.78
Habilitation/Health	70.73	31.59	1.52	326.42	243.15	68.38	428.07	132.22	53.31	245.55	172.02	65.79
Home Care	100.48	398.92	325.36	527.73	627.17	276.22	516.93	705.79	503.96	224.43	602.80	313.28
Home Health Care	9.22	34.45	26.96	0.00	121.78	11.54	27.86	62.66	50.26	1.47	3.85	5.14
Institutional	0.00	725.41	1,074.43	345.65	1,122.34	1,691.10	259.42	345.16	702.37	382.29	425.24	697.31
Other	0.00	0.00	0.00	0.00	1.62	1.63	0.61	3.23	1.44	0.00	0.91	0.08
Residential Care	1,927.49	507.15	230.98	2,265.99	647.35	746.58	1,671.06	469.66	797.78	2,084.14	782.19	1,287.82
Respite Care	4.49	0.00	0.00	20.26	42.77	2.57	6.72	4.68	3.82	7.62	3.75	7.87
Transportation	144.19	193.37	46.81	200.64	124.75	32.45	133.26	96.42	60.43	62.19	69.20	90.85
Vocational	62.57	0.00	0.00	71.43	0.00	0.00	83.70	1.28	0.00	76.31	2.35	1.45
Total Services, Gross of Pooled Claims	\$2,707.13	\$2,532.55	\$2,240.75	\$4,249.73	\$3,376.33	\$3,251.97	\$3,634.44	\$2,354.78	\$2,626.51	\$3,601.93	\$2,649.79	\$2,969.25
Composite PMPM, Gross of Pooled Claims		\$2,496.21			\$3,628.82			\$2,891.86			\$3,092.53	
Total Pooled Claims (\$) ¹	\$94.52	\$0.00	\$0.00	\$36.98	\$0.00	\$0.00	\$27.56	\$2.26	\$6.26	\$25.58	\$0.00	\$0.00
Total Pooled Claims (%) ¹	3.6%	0.0%	0.0%	0.9%	0.0%	0.0%	0.8%	0.1%	0.2%	0.7%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$2,612.61	\$2,532.55	\$2,240.75	\$4,212.75	\$3,376.33	\$3,251.97	\$3,606.87	\$2,352.51	\$2,620.26	\$3,576.35	\$2,649.79	\$2,969.25
Composite PMPM, Net of Pooled Claims		\$2,466.15			\$3,615.75			\$2,879.68			\$3,083.50	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit A
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR
Nursing Home Level of Care

	MCFCI (GSR 12)			MCFCI (GSR 14)			Grand Total - Base Data			Grand Total		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	1,585	465	767	2,752	955	1,846	250,938	95,501	210,641	262,965	98,681	218,205
Category of Service												
Adaptive Equipment	\$85.28	\$92.72	\$35.69	\$34.19	\$132.24	\$36.64	\$47.01	\$104.09	\$51.53	\$48.20	\$105.27	\$51.86
Adult Day Activities	3.83	47.46	12.18	77.87	10.71	5.14	37.28	8.21	13.14	36.41	9.07	12.97
Case Management	299.89	369.04	270.31	271.05	334.61	330.60	346.98	430.92	373.14	348.09	433.42	374.90
Financial Management	29.26	20.30	11.94	25.17	11.51	9.60	24.93	30.86	17.05	25.27	30.95	17.12
Habilitation/Health	377.55	71.92	42.02	197.71	210.84	28.93	268.46	70.15	22.56	272.29	70.03	22.40
Home Care	2,005.14	707.30	194.65	269.10	555.59	383.27	547.12	725.98	351.74	599.18	738.52	353.95
Home Health Care	20.30	33.31	70.01	12.06	443.10	0.32	21.21	64.52	26.21	20.53	63.25	25.72
Institutional	200.52	537.76	330.49	52.71	476.62	512.07	166.60	321.51	602.04	162.74	322.43	591.61
Other	0.00	0.00	0.00	0.00	3.02	0.00	3.56	1.98	0.71	3.42	1.98	0.70
Residential Care	1,471.17	2,041.16	1,959.31	2,155.01	776.62	1,192.96	2,071.80	652.12	1,152.03	2,053.62	665.21	1,161.59
Respite Care	60.14	6.97	0.00	29.67	13.03	6.35	22.99	9.79	5.08	23.65	10.02	5.09
Transportation	366.36	229.67	73.25	92.85	75.94	26.09	118.03	120.65	48.05	126.31	122.89	49.03
Vocational	210.01	0.65	0.00	299.56	7.81	0.00	144.23	5.44	0.44	153.34	5.33	0.44
Total Services, Gross of Pooled Claims	\$5,129.44	\$4,158.26	\$2,999.86	\$3,516.95	\$3,051.64	\$2,531.96	\$3,820.19	\$2,546.23	\$2,663.71	\$3,873.04	\$2,578.37	\$2,667.38
Composite PMPM, Gross of Pooled Claims		\$4,389.05			\$3,109.46			\$3,164.51			\$3,199.00	
Total Pooled Claims (\$) ¹	\$41.22	\$0.00	\$0.00	\$47.10	\$34.86	\$0.00	\$90.47	\$18.44	\$3.06	\$91.22	\$20.51	\$2.96
Total Pooled Claims (%) ¹	0.8%	0.0%	0.0%	1.4%	1.2%	0.0%	2.4%	0.7%	0.1%	2.4%	0.8%	0.1%
Total Services, Net of Pooled Claims	\$5,088.22	\$4,158.26	\$2,999.86	\$3,469.85	\$3,016.78	\$2,531.96	\$3,729.72	\$2,527.78	\$2,660.65	\$3,781.82	\$2,557.86	\$2,664.43
Composite PMPM, Net of Pooled Claims		\$4,365.86			\$3,080.12			\$3,119.44			\$3,153.03	

¹ Pooled claims represent the portion of base period service costs targeted to be covered by the High Cost Risk Pool.

Exhibit B
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Nursing Home Level of Care

DD Development	2019 Base Experience			2019 DD Net Base Costs PMPM	IBNR Adjustment	2019 DD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	849	\$3,967.49	(\$231.21)	\$3,736.28	1.0047	\$3,753.76
Care WI (GSR 2)	2,169	2,953.42	(93.24)	2,860.19	1.0047	2,873.57
Care WI (GSR 3)	1,668	2,717.89	(13.30)	2,704.60	1.0047	2,717.25
Care WI (GSR 5 - Non-Expansion Counties)	15,774	4,178.62	(215.50)	3,963.13	1.0047	3,981.67
Care WI (GSR 6)	11,140	4,737.38	(264.75)	4,472.63	1.0047	4,493.56
Care WI (GSR 11)	477	6,418.09	(993.14)	5,424.95	1.0047	5,450.33
Care WI (GSR 13)	9,657	4,040.06	(238.99)	3,801.08	1.0047	3,818.86
CCI (GSR 6)	19,674	3,774.40	(37.95)	3,736.46	1.0050	3,755.05
CCI (GSR 8)	15,174	3,663.06	(53.70)	3,609.36	1.0050	3,627.32
CCI (GSR 9)	1,542	3,141.65	(178.88)	2,962.77	1.0050	2,977.51
CCI (GSR 10)	10,102	3,821.33	(50.01)	3,771.32	1.0050	3,790.09
CCI (GSR 11)	15,011	3,864.72	(32.71)	3,832.01	1.0050	3,851.08
Inclusa (GSR 1 - Non-Expansion Counties)	13,699	4,059.93	(64.54)	3,995.40	1.0044	4,012.88
Inclusa (GSR 2)	18,806	3,532.95	(49.36)	3,483.59	1.0044	3,498.83
Inclusa (GSR 3)	11,397	3,356.47	(26.34)	3,330.13	1.0044	3,344.70
Inclusa (GSR 4 - Non-Expansion Counties)	20,550	3,520.36	(99.63)	3,420.72	1.0044	3,435.69
Inclusa (GSR 5 - Non-Expansion Counties)	655	4,612.14	(296.48)	4,315.66	1.0044	4,334.55
Inclusa (GSR 6)	104	2,423.01	0.00	2,423.01	1.0044	2,433.61
Inclusa (GSR 7)	13,134	3,726.65	(91.12)	3,635.53	1.0044	3,651.44
Inclusa (GSR 14)	4,438	4,969.65	(267.98)	4,701.67	1.0044	4,722.25
LCI (GSR 4 - Non-Expansion Counties)	854	2,472.45	0.00	2,472.45	1.0036	2,481.28
LCI (GSR 9)	15,301	3,967.89	(94.62)	3,873.27	1.0036	3,887.10
LCI (GSR 10)	1,339	4,179.64	(122.35)	4,057.29	1.0036	4,071.78
LCI (GSR 13)	14,759	3,914.54	(52.78)	3,861.77	1.0036	3,875.56
MCFCI (GSR 2)	419	4,556.32	(543.43)	4,012.89	1.0075	4,042.83
MCFCI (GSR 3)	176	2,707.13	(94.52)	2,612.61	1.0075	2,632.10
MCFCI (GSR 6)	912	4,249.73	(36.98)	4,212.75	1.0075	4,244.18
MCFCI (GSR 8)	27,056	3,634.44	(27.56)	3,606.87	1.0075	3,633.78
MCFCI (GSR 11)	1,352	3,601.93	(25.58)	3,576.35	1.0075	3,603.03
MCFCI (GSR 14)	2,752	3,516.95	(47.10)	3,469.85	1.0075	3,495.73
Total DD Base Experience Data	250,938	\$3,820.19	(\$90.47)	\$3,729.72	1.0049	\$3,747.84

Exhibit B
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Nursing Home Level of Care

PD Development	2019 Base Experience			2019 PD Net Base Costs PMPM	IBNR Adjustment	2019 PD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	887	\$2,887.96	\$0.00	\$2,887.96	1.0047	\$2,901.48
Care WI (GSR 2)	1,625	1,878.33	0.00	1,878.33	1.0047	1,887.12
Care WI (GSR 3)	1,426	2,121.02	(11.85)	2,109.16	1.0047	2,119.03
Care WI (GSR 5 - Non-Expansion Counties)	3,626	2,925.86	(104.86)	2,821.00	1.0047	2,834.20
Care WI (GSR 6)	2,761	3,407.39	(117.44)	3,289.96	1.0047	3,305.35
Care WI (GSR 11)	435	2,067.64	(34.29)	2,033.35	1.0047	2,042.86
Care WI (GSR 13)	2,837	3,100.48	(39.58)	3,060.90	1.0047	3,075.22
CCI (GSR 6)	4,438	2,739.10	(16.02)	2,723.09	1.0050	2,736.64
CCI (GSR 8)	13,447	2,597.82	0.00	2,597.82	1.0050	2,610.75
CCI (GSR 9)	1,447	2,212.13	0.00	2,212.13	1.0050	2,223.14
CCI (GSR 10)	1,926	2,705.94	0.00	2,705.94	1.0050	2,719.41
CCI (GSR 11)	5,326	2,470.66	(2.32)	2,468.34	1.0050	2,480.62
Inclusa (GSR 1 - Non-Expansion Counties)	3,716	2,669.55	(0.67)	2,668.89	1.0044	2,680.57
Inclusa (GSR 2)	7,527	2,122.74	(17.97)	2,104.77	1.0044	2,113.98
Inclusa (GSR 3)	3,845	2,317.60	0.00	2,317.60	1.0044	2,327.74
Inclusa (GSR 4 - Non-Expansion Counties)	6,319	2,518.43	(88.98)	2,429.45	1.0044	2,440.09
Inclusa (GSR 5 - Non-Expansion Counties)	327	1,755.08	0.00	1,755.08	1.0044	1,762.76
Inclusa (GSR 6)	88	2,975.60	0.00	2,975.60	1.0044	2,988.62
Inclusa (GSR 7)	3,913	2,629.04	0.00	2,629.04	1.0044	2,640.54
Inclusa (GSR 14)	942	2,474.39	0.00	2,474.39	1.0044	2,485.21
LCI (GSR 4 - Non-Expansion Counties)	571	2,996.43	0.00	2,996.43	1.0036	3,007.13
LCI (GSR 9)	4,363	2,290.33	0.00	2,290.33	1.0036	2,298.51
LCI (GSR 10)	851	2,496.96	0.00	2,496.96	1.0036	2,505.88
LCI (GSR 13)	4,117	3,024.85	(14.84)	3,010.02	1.0036	3,020.77
MCFCI (GSR 2)	335	2,361.42	0.00	2,361.42	1.0075	2,379.04
MCFCI (GSR 3)	204	2,532.55	0.00	2,532.55	1.0075	2,551.44
MCFCI (GSR 6)	499	3,376.33	0.00	3,376.33	1.0075	3,401.52
MCFCI (GSR 8)	15,550	2,354.78	(2.26)	2,352.51	1.0075	2,370.06
MCFCI (GSR 11)	1,199	2,649.79	0.00	2,649.79	1.0075	2,669.56
MCFCI (GSR 14)	955	3,051.64	(34.86)	3,016.78	1.0075	3,039.28
Total PD Base Experience Data	95,501	\$2,546.23	(\$18.44)	\$2,527.78	1.0051	\$2,540.65

Exhibit B
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Nursing Home Level of Care

FE Development	2019 Base Experience			2019 FE Net Base Costs PMPM	IBNR Adjustment	2019 FE Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	2,779	\$2,446.72	\$0.00	\$2,446.72	1.0047	\$2,458.17
Care WI (GSR 2)	2,274	2,240.76	0.00	2,240.76	1.0047	2,251.24
Care WI (GSR 3)	2,817	2,253.51	0.00	2,253.51	1.0047	2,264.06
Care WI (GSR 5 - Non-Expansion Counties)	9,422	2,543.87	0.00	2,543.87	1.0047	2,555.77
Care WI (GSR 6)	10,409	2,905.40	(16.00)	2,889.39	1.0047	2,902.91
Care WI (GSR 11)	562	2,469.05	0.00	2,469.05	1.0047	2,480.61
Care WI (GSR 13)	4,116	2,633.04	0.00	2,633.04	1.0047	2,645.36
CCI (GSR 6)	14,207	2,868.97	0.00	2,868.97	1.0050	2,883.25
CCI (GSR 8)	11,596	2,753.85	0.00	2,753.85	1.0050	2,767.56
CCI (GSR 9)	2,854	2,574.15	0.00	2,574.15	1.0050	2,586.96
CCI (GSR 10)	7,025	2,569.22	0.00	2,569.22	1.0050	2,582.00
CCI (GSR 11)	9,072	2,706.76	0.00	2,706.76	1.0050	2,720.23
Inclusa (GSR 1 - Non-Expansion Counties)	9,327	2,719.55	0.00	2,719.55	1.0044	2,731.45
Inclusa (GSR 2)	15,424	2,664.47	0.00	2,664.47	1.0044	2,676.13
Inclusa (GSR 3)	7,915	2,852.59	0.00	2,852.59	1.0044	2,865.08
Inclusa (GSR 4 - Non-Expansion Counties)	12,783	2,461.31	0.00	2,461.31	1.0044	2,472.08
Inclusa (GSR 5 - Non-Expansion Counties)	608	2,633.32	0.00	2,633.32	1.0044	2,644.84
Inclusa (GSR 6)	197	2,613.88	0.00	2,613.88	1.0044	2,625.32
Inclusa (GSR 7)	10,544	2,625.11	0.00	2,625.11	1.0044	2,636.60
Inclusa (GSR 14)	1,790	2,611.45	(93.27)	2,518.18	1.0044	2,529.20
LCI (GSR 4 - Non-Expansion Counties)	2,407	2,666.83	0.00	2,666.83	1.0036	2,676.36
LCI (GSR 9)	10,060	2,594.60	0.00	2,594.60	1.0036	2,603.86
LCI (GSR 10)	2,644	2,724.15	0.00	2,724.15	1.0036	2,733.88
LCI (GSR 13)	10,689	2,718.12	(3.22)	2,714.90	1.0036	2,724.59
MCFCI (GSR 2)	407	2,801.07	0.00	2,801.07	1.0075	2,821.97
MCFCI (GSR 3)	175	2,240.75	0.00	2,240.75	1.0075	2,257.46
MCFCI (GSR 6)	1,167	3,251.97	0.00	3,251.97	1.0075	3,276.23
MCFCI (GSR 8)	44,244	2,626.51	(6.26)	2,620.26	1.0075	2,639.80
MCFCI (GSR 11)	1,281	2,969.25	0.00	2,969.25	1.0075	2,991.40
MCFCI (GSR 14)	1,846	2,531.96	0.00	2,531.96	1.0075	2,550.85
Total FE Base Experience Data	210,641	\$2,663.71	(\$3.06)	\$2,660.65	1.0052	\$2,674.40

Exhibit B
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Nursing Home Level of Care

Composite	2019 Base Experience			2019 Base Experience Composite Net Base Costs PMPM	IBNR Adjustment	2019 Composite Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	4,515	\$2,819.39	(\$43.48)	\$2,775.91	1.0047	\$2,788.90
Care WI (GSR 2)	6,067	2,398.44	(33.33)	2,365.11	1.0047	2,376.18
Care WI (GSR 3)	5,911	2,352.59	(6.61)	2,345.98	1.0047	2,356.96
Care WI (GSR 5 - Non-Expansion Counties)	28,821	3,486.62	(131.13)	3,355.49	1.0047	3,371.19
Care WI (GSR 6)	24,309	3,801.92	(141.51)	3,660.41	1.0047	3,677.53
Care WI (GSR 11)	1,473	3,628.39	(331.48)	3,296.91	1.0047	3,312.33
Care WI (GSR 13)	16,610	3,530.90	(145.70)	3,385.20	1.0047	3,401.04
CCI (GSR 6)	38,319	3,318.80	(21.34)	3,297.46	1.0050	3,313.87
CCI (GSR 8)	40,216	3,044.74	(20.26)	3,024.48	1.0050	3,039.53
CCI (GSR 9)	5,843	2,634.22	(47.20)	2,587.02	1.0050	2,599.89
CCI (GSR 10)	19,053	3,246.93	(26.52)	3,220.42	1.0050	3,236.44
CCI (GSR 11)	29,409	3,255.04	(17.11)	3,237.93	1.0050	3,254.04
Inclusa (GSR 1 - Non-Expansion Counties)	26,742	3,399.25	(33.15)	3,366.10	1.0044	3,380.83
Inclusa (GSR 2)	41,757	2,957.94	(25.47)	2,932.47	1.0044	2,945.30
Inclusa (GSR 3)	23,157	3,011.74	(12.96)	2,998.77	1.0044	3,011.90
Inclusa (GSR 4 - Non-Expansion Counties)	39,653	3,019.27	(65.82)	2,953.46	1.0044	2,966.38
Inclusa (GSR 5 - Non-Expansion Counties)	1,591	3,268.02	(122.15)	3,145.87	1.0044	3,159.64
Inclusa (GSR 6)	388	2,644.41	0.00	2,644.41	1.0044	2,655.99
Inclusa (GSR 7)	27,591	3,150.02	(43.38)	3,106.65	1.0044	3,120.24
Inclusa (GSR 14)	7,170	4,053.00	(189.15)	3,863.85	1.0044	3,880.76
LCI (GSR 4 - Non-Expansion Counties)	3,832	2,672.57	0.00	2,672.57	1.0036	2,682.12
LCI (GSR 9)	29,724	3,256.84	(48.70)	3,208.14	1.0036	3,219.59
LCI (GSR 10)	4,834	3,087.16	(33.88)	3,053.29	1.0036	3,064.19
LCI (GSR 13)	29,565	3,358.10	(29.58)	3,328.52	1.0036	3,340.41
MCFCI (GSR 2)	1,161	3,308.27	(196.29)	3,111.97	1.0075	3,135.19
MCFCI (GSR 3)	554	2,496.21	(30.05)	2,466.15	1.0075	2,484.55
MCFCI (GSR 6)	2,578	3,628.82	(13.07)	3,615.75	1.0075	3,642.72
MCFCI (GSR 8)	86,850	2,891.86	(12.18)	2,879.68	1.0075	2,901.16
MCFCI (GSR 11)	3,833	3,092.53	(9.03)	3,083.50	1.0075	3,106.50
MCFCI (GSR 14)	5,553	3,109.46	(29.34)	3,080.12	1.0075	3,103.10
Total Base Experience Data	557,080	\$3,164.51	(\$45.07)	\$3,119.44	1.0050	\$3,135.01

Exhibit C1
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Functional Screen Regression Model of 2018 through 2019 PMPM
Developmentally Disabled

R-Squared 47.0%

Variable	Statewide Estimate	p-Value	Incremental Partial R2	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	0.00			1.0000	0.00
DD/NH Level of Care (Grid Component)					
Vent Dependent	6,962.46	0.0000	0.24%	0.0009	6.10
SNF	472.83	0.0000	0.21%	0.3517	166.28
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	0.0166	0.00
IADL_2	188.85	0.0000	0.00%	0.0979	18.49
IADL_3	458.11	0.0000	0.05%	0.1865	85.44
IADL_4	1,156.41	0.0000	0.52%	0.3304	382.04
IADL_5	1,379.30	0.0000	0.08%	0.3686	508.41
Specific ADLs / Equipment Used (Add-On)					
Eating_2	209.11	0.0000	0.05%	0.1979	41.38
Bathing_1	222.28	0.0000	0.12%	0.4399	97.78
Bathing_2	330.54	0.0000	0.17%	0.3872	127.99
Transfer_2	615.04	0.0000	0.43%	0.1570	96.58
Interaction Terms (Add-On)					
Brain_Other	379.30	0.0000	0.02%	0.0263	9.96
Other Federal DD_Bipolar	763.13	0.0000	0.02%	0.0036	2.77
Behaviors_Autism	1,257.74	0.0000	0.62%	0.0561	70.62
Injury_Age Under 30	1,795.68	0.0000	0.56%	0.0184	32.99
Injury_Mental Illness	1,455.22	0.0000	1.40%	0.0418	60.89
Intellectually Disabled_Bipolar	480.91	0.0000	0.12%	0.0601	28.92
Intellectually Disabled_Other Mental Illness	497.82	0.0000	0.31%	0.1668	83.02
Seizure Pre-22_Depression	196.11	0.0000	0.02%	0.0577	11.32
Trauma BI Post-22_Other Mental Illness	384.82	0.0000	0.01%	0.0282	10.85
Transfer_Equip_Mobility	644.44	0.0000	0.15%	0.0527	33.96
Behavioral Variables (Add-On)					
Cognition_2	180.61	0.0000	0.33%	0.4953	89.45
Cognition_3	918.90	0.0000	2.78%	0.2602	239.13
Injury_1-2	214.98	0.0000	0.07%	0.0984	21.15
Offensive_1-3	923.06	0.0000	4.50%	0.3056	282.06
Wander_2	1,983.31	0.0000	4.00%	0.0430	85.25
Mental Health_2	215.41	0.0000	0.53%	0.6504	140.11
Resistive_1	604.10	0.0000	6.26%	0.0825	49.82
Health Related Services (Add-On)					
Exercise	362.61	0.0000	0.32%	0.0953	34.56
Tube Feedings	301.96	0.0000	0.29%	0.0233	7.02
Respirate	258.16	0.0000	0.07%	0.0586	15.13
Ostomy	642.08	0.0000	0.05%	0.0062	4.01
Medication Administration	471.56	0.0000	8.32%	0.7728	364.42
Tracheostomy	3,090.80	0.0000	0.80%	0.0031	9.54
Reposition	587.39	0.0000	4.25%	0.0685	40.23
Diagnoses (Add-On)					
Intellectually Disabled	251.21	0.0000	1.47%	0.6237	156.67
New Variables					
Bath_Position	450.58	0.0000	3.74%	0.5210	234.77
Incidents					
Incidents_0	0.00	0.0000	0.00%	0.9425	0.00
Incidents_1	1,015.98	0.0000	0.86%	0.0353	35.85
Incidents_2	1,923.95	0.0000	0.90%	0.0108	20.73
Incidents_3+	3,691.92	0.0000	2.40%	0.0114	42.16

Exhibit C2
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Functional Screen Regression Model of 2018 through 2019 PMPM
Physically Disabled

R-Squared 46.5%

Variable	Statewide Estimate	p-Value	Incremental Partial R2	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	706.89			1.0000	706.89
DD/NH Level of Care (Grid Component)					
Vent Dependent	9,820.84	0.0000	2.45%	0.0054	52.63
SNF	675.13	0.0000	0.74%	0.2393	161.55
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	0.1755	0.00
IADL_2	229.00	0.0000	0.11%	0.2753	63.04
IADL_3	546.67	0.0000	0.52%	0.2015	110.16
IADL_4	903.67	0.0000	1.07%	0.2560	231.37
IADL_5	1,141.74	0.0000	0.18%	0.0916	104.64
Specific ADLs / Equipment Used (Add-On)					
Eating_2	218.66	0.0000	0.15%	0.0682	14.91
Bathing_2	288.82	0.0000	0.45%	0.2999	86.60
Toileting_1-2	291.44	0.0000	0.75%	0.5560	162.04
Transfer_2	840.02	0.0000	3.33%	0.2008	168.64
Interaction Terms (Add-On)					
Injury_Mental Illness	687.46	0.0000	0.07%	0.0045	3.11
Muscular_Mental Illness_Age 60 and Under	105.84	0.0000	0.02%	0.1015	10.74
Seizure Pre-22_Schizophrenia	739.37	0.0000	0.02%	0.0016	1.16
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0000	0.03%	0.0070	2.78
Vent Dependent_Tracheostomy	1,781.80	0.0000	1.08%	0.0020	3.57
Transfer_Equip_Mobility	543.38	0.0000	0.92%	0.0578	31.42
Behavioral Variables (Add-On)					
Cognition_2-3	321.21	0.0000	1.77%	0.2106	67.65
Offensive_1-3	922.13	0.0000	2.44%	0.0579	53.41
Wander_2	425.24	0.0000	0.57%	0.0112	4.78
Mental Health_2	77.78	0.0000	0.11%	0.7669	59.65
Alcohol Drug Abuse	66.09	0.0000	0.00%	0.2161	14.28
Health Related Services (Add-On)					
Exercise	295.45	0.0000	0.70%	0.1005	29.68
Ulcer Stage 2	806.95	0.0000	0.21%	0.0121	9.77
Ulcer Stage 3-4	821.11	0.0000	0.42%	0.0167	13.69
Respirate	215.01	0.0000	0.90%	0.0613	13.18
Urinary	599.88	0.0000	1.00%	0.0291	17.44
Wound	221.59	0.0000	0.80%	0.0448	9.94
Tracheostomy	2,115.39	0.0000	5.01%	0.0068	14.36
Reposition	917.61	0.0000	17.43%	0.0792	72.70
Diagnoses (Add-On)					
Alzheimers	241.31	0.0000	2.34%	0.1049	25.31
New Variables					
Bath_Position	231.44	0.0000	0.03%	0.8048	186.27
Incidents					
Incidents_0	0.00	0.0000	0.00%	0.9623	0.00
Incidents_1	643.19	0.0000	0.27%	0.0284	18.28
Incidents_2+	1,608.00	0.0000	0.64%	0.0093	15.00

Exhibit C3
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Functional Screen Regression Model of 2018 through 2019 PMPM
Frail Elderly

R-Squared 35.5%

Variable	Statewide Estimate	p-Value	Incremental Partial R2	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	714.83			1.0000	714.83
DD/NH Level of Care (Grid Component)					
Vent Dependent	8,396.78	0.0000	0.48%	0.1%	5.93
SNF	444.91	0.0000	0.74%	24.4%	108.41
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	7.1%	0.00
IADL_2	304.91	0.0000	0.14%	14.5%	44.28
IADL_3	595.77	0.0000	0.43%	12.1%	72.35
IADL_4-5	967.23	0.0000	1.63%	66.2%	640.76
Specific ADLs / Equipment Used (Add-On)					
Bathing_1	176.85	0.0000	0.09%	43.6%	77.12
Bathing_2	384.15	0.0000	0.55%	49.9%	191.62
Toileting_1-2	287.18	0.0000	1.41%	64.3%	184.64
Transfer_2	672.48	0.0000	4.62%	26.6%	179.07
Interaction Terms (Add-On)					
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0000	0.04%	0.6%	2.39
Seizure Post-22_Bipolar	571.47	0.0000	0.05%	0.4%	2.40
Trauma BI Post-22_Anxiety	353.44	0.0000	0.03%	0.7%	2.36
Transfer_Equip_Mobility	783.42	0.0000	2.61%	7.9%	61.75
Behavioral Variables (Add-On)					
Cognition_2	180.08	0.0000	1.83%	30.9%	55.73
Cognition_3	213.17	0.0000	0.58%	13.6%	29.00
Offensive_1-3	214.43	0.0000	0.86%	7.7%	16.48
Wander_2	126.09	0.0000	0.34%	3.3%	4.14
Mental Health_2	134.99	0.0000	0.17%	62.6%	84.50
Alcohol Drug Abuse	145.74	0.0000	0.00%	7.0%	10.26
Health Related Services (Add-On)					
Dialysis	268.91	0.0000	0.23%	2.0%	5.50
Exercise	255.48	0.0000	0.86%	6.6%	16.96
Ulcer Stage 2	429.81	0.0000	0.16%	1.0%	4.28
Ulcer Stage 3-4	787.18	0.0000	0.35%	0.6%	5.00
Tracheostomy	4,178.15	0.0000	0.98%	0.1%	6.13
Reposition	536.07	0.0000	8.58%	7.6%	40.56
Diagnoses (Add-On)					
Alzheimers	144.93	0.0000	6.93%	41.1%	59.50
Mental Illness	164.36	0.0000	0.54%	24.1%	39.57
Incidents					
Incidents_0	0.00	0.0000	0.00%	98.4%	0.00
Incidents_1+	542.34	0.0000	0.28%	1.6%	8.87

Exhibit D1Ai
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	6,962.46	0.0009	0.0000	0.0047	0.0000	0.0000	0.0008	0.0010	0.0006	0.0000
SNF	472.83	0.3517	0.3988	0.4070	0.2991	0.4113	0.3674	0.4456	0.3951	0.3291
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0166	0.0100	0.0065	0.0291	0.0126	0.0089	0.0128	0.0374	0.0296
IADL_2	188.85	0.0979	0.0843	0.0722	0.1729	0.1156	0.0652	0.1077	0.1055	0.1227
IADL_3	458.11	0.1865	0.1899	0.1902	0.2245	0.2101	0.1943	0.1794	0.1947	0.1849
IADL_4	1,156.41	0.3304	0.3455	0.3727	0.3728	0.3160	0.3058	0.3225	0.3170	0.2871
IADL_5	1,379.30	0.3686	0.3702	0.3584	0.2008	0.3456	0.4257	0.3776	0.3455	0.3756
Specific ADLs / Equipment Used (Add-On)										
Eating_2	209.11	0.1979	0.1764	0.2006	0.0659	0.1953	0.1947	0.2010	0.1990	0.1780
Bathing_1	222.28	0.4399	0.4306	0.4467	0.5519	0.4208	0.4228	0.4530	0.4233	0.4270
Bathing_2	330.54	0.3872	0.3893	0.4464	0.2575	0.3573	0.4196	0.3858	0.3713	0.3764
Transfer_2	615.04	0.1570	0.1382	0.1921	0.1182	0.1570	0.1606	0.1572	0.1547	0.1548
Interaction Terms (Add-On)										
Brain_Other	379.30	0.0263	0.0267	0.0271	0.0084	0.0366	0.0216	0.0403	0.0336	0.0325
Other Federal DD_Bipolar	763.13	0.0036	0.0026	0.0014	0.0078	0.0063	0.0031	0.0060	0.0013	0.0039
Behaviors_Autism	1,257.74	0.0561	0.0821	0.0775	0.0429	0.0732	0.0676	0.0812	0.0623	0.0503
Injury_Age Under 30	1,795.68	0.0184	0.0215	0.0268	0.0290	0.0226	0.0231	0.0326	0.0150	0.0191
Injury_Mental Illness	1,455.22	0.0418	0.0574	0.0577	0.0399	0.0625	0.0420	0.0888	0.0570	0.0459
Intellectually Disabled_Bipolar	480.91	0.0601	0.0497	0.0721	0.0606	0.0670	0.0715	0.0653	0.0526	0.0687
Intellectually Disabled_Other Mental Illness	497.82	0.1668	0.1679	0.1412	0.1598	0.1809	0.1452	0.2446	0.1699	0.1748
Seizure Pre-22_Depression	196.11	0.0577	0.0594	0.0467	0.0656	0.0728	0.0546	0.0691	0.0566	0.0743
Trauma BI Post-22_Other Mental Illness	384.82	0.0282	0.0206	0.0367	0.0428	0.0169	0.0266	0.0359	0.0380	0.0224
Transfer_Equip_Mobility	644.44	0.0527	0.0434	0.0518	0.0129	0.0467	0.0511	0.0568	0.0629	0.0623
Behavioral Variables (Add-On)										
Cognition_2	180.61	0.4953	0.5132	0.5089	0.4333	0.4357	0.5591	0.5018	0.5151	0.5446
Cognition_3	918.90	0.2602	0.2920	0.3336	0.2436	0.3500	0.2178	0.3083	0.2822	0.2613
Injury_1-2	214.98	0.0984	0.0917	0.0674	0.0668	0.0915	0.1126	0.1138	0.1256	0.0888
Offensive_1-3	923.06	0.3056	0.3329	0.3162	0.2140	0.3322	0.2852	0.3950	0.3340	0.3013
Wander_2	1,983.31	0.0430	0.0318	0.0516	0.0150	0.0360	0.0405	0.0882	0.0572	0.0457
Mental Health_2	215.41	0.6504	0.6202	0.5722	0.6884	0.6940	0.6365	0.7550	0.6918	0.6754
Resistive_1	604.10	0.0825	0.0646	0.0717	0.0438	0.0662	0.0607	0.1547	0.1042	0.0808
Health Related Services (Add-On)										
Exercise	362.61	0.0953	0.0875	0.0908	0.0815	0.0757	0.0710	0.1378	0.1389	0.1150
Tube Feedings	301.96	0.0233	0.0215	0.0310	0.0098	0.0286	0.0237	0.0210	0.0240	0.0206
Respirate	258.16	0.0586	0.0541	0.0468	0.0513	0.0567	0.0479	0.0977	0.0773	0.0744
Ostomy	642.08	0.0062	0.0034	0.0087	0.0013	0.0019	0.0036	0.0067	0.0073	0.0074
Medication Administration	471.56	0.7728	0.7937	0.7962	0.6951	0.7629	0.8404	0.7876	0.7413	0.7217
Tracheostomy	3,090.80	0.0031	0.0011	0.0070	0.0000	0.0000	0.0041	0.0036	0.0068	0.0014
Reposition	587.39	0.0685	0.0673	0.0853	0.0460	0.0498	0.0663	0.0954	0.0791	0.0775
Diagnoses (Add-On)										
Intellectually Disabled	251.21	0.6237	0.6352	0.5847	0.4714	0.5838	0.5936	0.6228	0.6464	0.6493
New Variables										
Bath_Position	450.58	0.5210	0.4833	0.4371	0.5227	0.5056	0.5353	0.5789	0.5769	0.5373
Incidents										
Incidents_0	0.00	0.9425	0.9455	0.9487	0.9248	0.9549	0.9626	0.9216	0.9175	0.9369
Incidents_1	1,015.98	0.0353	0.0337	0.0377	0.0297	0.0332	0.0219	0.0481	0.0434	0.0330
Incidents_2	1,923.95	0.0108	0.0095	0.0075	0.0073	0.0085	0.0085	0.0175	0.0184	0.0137
Incidents_3+	3,691.92	0.0114	0.0114	0.0062	0.0382	0.0034	0.0070	0.0128	0.0207	0.0164
MCO/GSR Developmentally Disabled Composite			\$3,807.93	\$3,960.97	\$3,257.74	\$3,784.53	\$3,745.43	\$4,373.23	\$3,965.88	\$3,736.84
GSR Developmentally Disabled Composite			\$3,827.79	\$3,765.38	\$3,566.52	\$3,778.49	\$3,759.46	\$4,314.38	\$3,825.48	\$3,642.03
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,747.84	\$3,807.93	\$3,960.97	\$3,257.74	\$3,784.53	\$3,745.43	\$4,373.23	\$3,965.88	\$3,736.84

Exhibit D1Ai
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	LCI (GSR 13)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	6,962.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0011
SNF	472.83	0.3158	0.3696	0.3594	0.3630	0.4028	0.2001	0.3263	0.3170	0.3216
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0318	0.0579	0.0830	0.0187	0.0070	0.0023	0.0137	0.0015	0.0091
IADL_2	188.85	0.1406	0.1692	0.2980	0.1236	0.1075	0.1548	0.0908	0.0882	0.0611
IADL_3	458.11	0.2050	0.2406	0.1442	0.2002	0.2101	0.1738	0.1843	0.1936	0.1682
IADL_4	1,156.41	0.2758	0.3599	0.3594	0.3135	0.2522	0.3924	0.3278	0.3801	0.3877
IADL_5	1,379.30	0.3469	0.1723	0.1154	0.3440	0.4231	0.2767	0.3835	0.3365	0.3739
Specific ADLs / Equipment Used (Add-On)										
Eating_2	209.11	0.2058	0.0756	0.2307	0.2483	0.3032	0.0726	0.1875	0.1992	0.1726
Bathing_1	222.28	0.3969	0.5437	0.2921	0.4585	0.3618	0.4978	0.4560	0.4113	0.4618
Bathing_2	330.54	0.3647	0.1488	0.1154	0.3579	0.4408	0.3707	0.3673	0.4250	0.3789
Transfer_2	615.04	0.1345	0.0451	0.0000	0.1457	0.1517	0.1604	0.1351	0.2293	0.1590
Interaction Terms (Add-On)										
Brain_Other	379.30	0.0255	0.0822	0.2307	0.0415	0.0189	0.0152	0.0228	0.0314	0.0124
Other Federal DD_Bipolar	763.13	0.0006	0.0000	0.0000	0.0036	0.0000	0.0000	0.0018	0.0000	0.0046
Behaviors_Autism	1,257.74	0.0514	0.0670	0.1154	0.0406	0.0732	0.0243	0.0348	0.0492	0.0474
Injury_Age Under 30	1,795.68	0.0081	0.0358	0.0614	0.0193	0.0345	0.0041	0.0190	0.0310	0.0105
Injury_Mental Illness	1,455.22	0.0254	0.0358	0.0614	0.0485	0.0702	0.0041	0.0415	0.0218	0.0240
Intellectually Disabled_Bipolar	480.91	0.0448	0.0748	0.0614	0.0595	0.0478	0.0213	0.0684	0.0717	0.0480
Intellectually Disabled_Other Mental Illness	497.82	0.1874	0.2165	0.2440	0.2029	0.1732	0.1347	0.1668	0.1323	0.1590
Seizure Pre-22_Depression	196.11	0.0489	0.0597	0.1154	0.0696	0.0632	0.0211	0.0774	0.0626	0.0487
Trauma BI Post-22_Other Mental Illness	384.82	0.0189	0.1113	0.0000	0.0437	0.0272	0.0477	0.0219	0.0329	0.0188
Transfer_Equip_Mobility	644.44	0.0514	0.0061	0.0000	0.0442	0.0434	0.0438	0.0486	0.0716	0.0605
Behavioral Variables (Add-On)										
Cognition_2	180.61	0.4545	0.3934	0.2307	0.4614	0.4257	0.6489	0.4645	0.4090	0.4709
Cognition_3	918.90	0.2510	0.2071	0.2921	0.2393	0.4464	0.0842	0.2150	0.3128	0.2459
Injury_1-2	214.98	0.0955	0.0976	0.0481	0.0884	0.1386	0.0186	0.0840	0.0760	0.1085
Offensive_1-3	923.06	0.2663	0.3203	0.1767	0.3137	0.4221	0.1420	0.3197	0.2998	0.3296
Wander_2	1,983.31	0.0520	0.0481	0.1154	0.0641	0.0778	0.0083	0.0275	0.0262	0.0276
Mental Health_2	215.41	0.6696	0.7367	0.9712	0.7159	0.6630	0.7381	0.6340	0.6640	0.6056
Resistive_1	604.10	0.1110	0.0076	0.0481	0.0879	0.1281	0.0427	0.0856	0.0332	0.1019
Health Related Services (Add-On)										
Exercise	362.61	0.0954	0.0458	0.1154	0.1193	0.0928	0.0802	0.0872	0.1202	0.1180
Tube Feedings	301.96	0.0194	0.0183	0.0000	0.0176	0.0226	0.0000	0.0179	0.0036	0.0198
Respirate	258.16	0.0575	0.0626	0.0000	0.0751	0.0505	0.0559	0.0520	0.0799	0.0560
Ostomy	642.08	0.0091	0.0183	0.0000	0.0040	0.0162	0.0135	0.0064	0.0000	0.0110
Medication Administration	471.56	0.6859	0.6650	0.6190	0.7449	0.8231	0.7600	0.7529	0.7591	0.7829
Tracheostomy	3,090.80	0.0026	0.0000	0.0000	0.0037	0.0000	0.0117	0.0006	0.0090	0.0029
Reposition	587.39	0.0648	0.0244	0.0000	0.0625	0.0564	0.0295	0.0544	0.0862	0.0644
Diagnoses (Add-On)										
Intellectually Disabled	251.21	0.6488	0.5730	0.3594	0.5857	0.7000	0.3913	0.7316	0.4381	0.6384
New Variables										
Bath_Position	450.58	0.5058	0.3567	0.1827	0.5488	0.5436	0.5586	0.5011	0.5238	0.4994
Incidents										
Incidents_0	0.00	0.9540	0.7786	0.9386	0.9259	0.9247	0.9639	0.9572	0.9172	0.9519
Incidents_1	1,015.98	0.0274	0.1408	0.0000	0.0405	0.0483	0.0361	0.0335	0.0554	0.0269
Incidents_2	1,923.95	0.0108	0.0320	0.0000	0.0160	0.0189	0.0000	0.0043	0.0169	0.0109
Incidents_3+	3,691.92	0.0079	0.0486	0.0614	0.0176	0.0081	0.0000	0.0050	0.0106	0.0103
MCO/GSR Developmentally Disabled Composite		\$3,485.58	\$3,521.84	\$3,307.49	\$3,796.27	\$4,290.76	\$2,945.00	\$3,597.64	\$3,732.95	\$3,696.70
GSR Developmentally Disabled Composite		\$3,464.01	\$3,708.82	\$3,827.79	\$3,796.27	\$3,856.07	\$3,464.01	\$3,566.52	\$3,778.49	\$3,584.95
MCO/GSR Experience Credibility Weight		100.0%	73.9%	29.4%	100.0%	100.0%	84.4%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,485.58	\$3,570.64	\$3,674.61	\$3,796.27	\$4,290.76	\$3,026.10	\$3,597.64	\$3,732.95	\$3,696.70

Exhibit D1A1
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 13)	MCW (GSR 14)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	6,962.46	0.0000	0.0000	0.0000	0.0001	0.0023	0.0012	0.0031	0.0028	0.0000
SNF	472.83	0.3015	0.2473	0.2803	0.3379	0.3544	0.3013	0.3819	0.2628	0.2705
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0270	0.0438	0.0591	0.0192	0.0175	0.0058	0.0098	0.0095	0.0018
IADL_2	188.85	0.0903	0.2105	0.1729	0.1023	0.0964	0.0652	0.0729	0.0930	0.1309
IADL_3	458.11	0.3077	0.3084	0.2409	0.1523	0.1441	0.1602	0.1489	0.2060	0.2439
IADL_4	1,156.41	0.3167	0.2814	0.3345	0.3148	0.3560	0.3636	0.4382	0.3384	0.3290
IADL_5	1,379.30	0.2582	0.1559	0.1926	0.4114	0.3860	0.4052	0.3302	0.3530	0.2944
Specific ADLs / Equipment Used (Add-On)										
Eating_2	209.11	0.1172	0.0519	0.1134	0.1927	0.1970	0.2182	0.1607	0.2532	0.1712
Bathing_1	222.28	0.5607	0.5419	0.5333	0.4378	0.4182	0.4575	0.4197	0.4550	0.4985
Bathing_2	330.54	0.3040	0.2044	0.2410	0.3989	0.3985	0.4395	0.4289	0.3798	0.3058
Transfer_2	615.04	0.1221	0.0838	0.1093	0.1429	0.1613	0.2012	0.1918	0.1684	0.1406
Interaction Terms (Add-On)										
Brain_Other	379.30	0.0209	0.0222	0.0241	0.0158	0.0222	0.0230	0.0131	0.0235	0.0236
Other Federal DD_Bipolar	763.13	0.0000	0.0043	0.0065	0.0054	0.0142	0.0016	0.0099	0.0069	0.0004
Behaviors_Autism	1,257.74	0.0490	0.0344	0.0179	0.0410	0.0661	0.0364	0.0750	0.0326	0.0319
Injury_Age Under 30	1,795.68	0.0283	0.0232	0.0026	0.0126	0.0214	0.0133	0.0351	0.0078	0.0262
Injury_Mental Illness	1,455.22	0.0141	0.0176	0.0122	0.0284	0.0294	0.0246	0.0422	0.0166	0.0196
Intellectually Disabled_Bipolar	480.91	0.0259	0.0234	0.0757	0.0771	0.0574	0.0695	0.0754	0.0418	0.0431
Intellectually Disabled_Other Mental Illness	497.82	0.1467	0.1364	0.1490	0.1580	0.1494	0.1597	0.1292	0.1105	0.1096
Seizure Pre-22_Depression	196.11	0.0718	0.0614	0.0699	0.0628	0.0424	0.0448	0.0490	0.0612	0.0355
Trauma BI Post-22_Other Mental Illness	384.82	0.0805	0.0396	0.0407	0.0157	0.0153	0.0436	0.0712	0.0117	0.0229
Transfer_Equip_Mobility	644.44	0.0486	0.0325	0.0211	0.0518	0.0599	0.0597	0.0649	0.0594	0.0142
Behavioral Variables (Add-On)										
Cognition_2	180.61	0.4185	0.4047	0.4236	0.4151	0.4035	0.5486	0.5464	0.6125	0.7836
Cognition_3	918.90	0.1899	0.1340	0.1453	0.2525	0.2867	0.2373	0.2642	0.1672	0.0781
Injury_1-2	214.98	0.0850	0.0847	0.0845	0.1552	0.1437	0.0572	0.0961	0.0861	0.0778
Offensive_1-3	923.06	0.1970	0.2364	0.2596	0.3226	0.3516	0.2322	0.2687	0.2281	0.2578
Wander_2	1,983.31	0.0620	0.0309	0.0412	0.0372	0.0414	0.0295	0.0169	0.0231	0.0222
Mental Health_2	215.41	0.7561	0.7076	0.7344	0.6570	0.6127	0.6184	0.7092	0.5847	0.5669
Resistive_1	604.10	0.0565	0.0375	0.0428	0.0863	0.1010	0.0468	0.0743	0.0478	0.0418
Health Related Services (Add-On)										
Exercise	362.61	0.0582	0.0549	0.0777	0.1184	0.0987	0.0428	0.0614	0.0954	0.0654
Tube Feedings	301.96	0.0209	0.0046	0.0007	0.0277	0.0247	0.0290	0.0337	0.0355	0.0155
Respirate	258.16	0.0445	0.0461	0.0332	0.0561	0.0534	0.0461	0.0614	0.0462	0.0555
Ostomy	642.08	0.0000	0.0000	0.0000	0.0032	0.0032	0.0083	0.0157	0.0017	0.0087
Medication Administration	471.56	0.7538	0.6460	0.6859	0.7882	0.7829	0.8314	0.8213	0.7900	0.7392
Tracheostomy	3,090.80	0.0000	0.0039	0.0000	0.0008	0.0061	0.0017	0.0115	0.0043	0.0044
Reposition	587.39	0.0529	0.0263	0.0216	0.0489	0.0709	0.0808	0.0768	0.0780	0.0450
Diagnoses (Add-On)										
Intellectually Disabled	251.21	0.4608	0.4993	0.4424	0.6742	0.5792	0.6198	0.5067	0.6453	0.5022
New Variables										
Bath_Position	450.58	0.5003	0.4383	0.4652	0.5717	0.4894	0.5615	0.4408	0.4848	0.4562
Incidents										
Incidents_0	0.00	0.8875	0.9361	0.8834	0.9519	0.9291	0.9560	0.9179	0.9405	0.9335
Incidents_1	1,015.98	0.0796	0.0386	0.0566	0.0312	0.0433	0.0294	0.0556	0.0365	0.0408
Incidents_2	1,923.95	0.0141	0.0127	0.0452	0.0068	0.0103	0.0064	0.0096	0.0073	0.0109
Incidents_3+	3,691.92	0.0188	0.0125	0.0147	0.0101	0.0173	0.0082	0.0169	0.0157	0.0148
MCO/GSR Developmentally Disabled Composite		\$3,364.81	\$2,805.29	\$3,056.15	\$3,716.59	\$3,864.71	\$3,655.68	\$3,874.62	\$3,414.16	\$3,155.07
GSR Developmentally Disabled Composite		\$4,314.38	\$3,825.48	\$3,642.03	\$3,708.82	\$3,827.79	\$3,765.38	\$3,759.46	\$3,584.95	\$3,856.07
MCO/GSR Experience Credibility Weight		84.1%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,515.65	\$2,805.29	\$3,056.15	\$3,716.59	\$3,864.71	\$3,655.68	\$3,874.62	\$3,414.16	\$3,155.07

Exhibit D1Aii
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)								
Vent Dependent	6,962.46	0.0305	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
SNF	472.83	0.2744	0.4754	0.4039	0.3735	0.1380	0.1950	0.3097
Number of IADLs (Grid Component)								
IADL_1	0.00	0.0152	0.0007	0.0000	0.0013	0.0070	0.0000	0.0045
IADL_2	188.85	0.1905	0.0217	0.0561	0.0786	0.2171	0.1022	0.1202
IADL_3	458.11	0.1727	0.1383	0.0657	0.1305	0.1830	0.1261	0.2044
IADL_4	1,156.41	0.2049	0.3712	0.2486	0.3146	0.2444	0.3674	0.3241
IADL_5	1,379.30	0.4166	0.4682	0.6295	0.4750	0.3485	0.4043	0.3467
Specific ADLs / Equipment Used (Add-On)								
Eating_2	209.11	0.2515	0.3001	0.2293	0.2156	0.2478	0.3451	0.2188
Bathing_1	222.28	0.5029	0.3966	0.4953	0.4705	0.4049	0.3004	0.4000
Bathing_2	330.54	0.3828	0.4848	0.4333	0.4568	0.2963	0.6027	0.3894
Transfer_2	615.04	0.1575	0.2116	0.1834	0.1917	0.1248	0.2788	0.1794
Interaction Terms (Add-On)								
Brain_Other	379.30	0.0102	0.0889	0.0000	0.0215	0.0141	0.0000	0.0241
Other Federal DD_Bipolar	763.13	0.0000	0.0085	0.0000	0.0000	0.0000	0.0000	0.0008
Behaviors_Autism	1,257.74	0.0483	0.0578	0.0867	0.0618	0.0000	0.0331	0.0356
Injury_Age Under 30	1,795.68	0.0305	0.0169	0.0000	0.0081	0.0000	0.0153	0.0145
Injury_Mental Illness	1,455.22	0.0839	0.0543	0.0255	0.0267	0.0000	0.0000	0.0291
Intellectually Disabled_Bipolar	480.91	0.0305	0.0450	0.1389	0.0249	0.0422	0.0255	0.0322
Intellectually Disabled_Other Mental Illness	497.82	0.1930	0.1829	0.2664	0.1018	0.1619	0.0586	0.0940
Seizure Pre-22_Depression	196.11	0.0610	0.0282	0.0306	0.0660	0.0774	0.0306	0.0525
Trauma BI Post-22_Other Mental Illness	384.82	0.0000	0.0924	0.0000	0.0138	0.0000	0.0051	0.0133
Transfer_Equip_Mobility	644.44	0.0610	0.0621	0.1681	0.0880	0.0211	0.2049	0.0597
Behavioral Variables (Add-On)								
Cognition_2	180.61	0.6274	0.5870	0.4220	0.6727	0.2358	0.1614	0.4879
Cognition_3	918.90	0.2388	0.3401	0.4130	0.2222	0.1952	0.3298	0.2740
Injury_1-2	214.98	0.1118	0.2081	0.2142	0.1280	0.1247	0.1173	0.1207
Offensive_1-3	923.06	0.3709	0.4208	0.3441	0.3096	0.1248	0.1366	0.2969
Wander_2	1,983.31	0.0330	0.1107	0.0433	0.0081	0.0000	0.0178	0.0380
Mental Health_2	215.41	0.5530	0.6835	0.6228	0.6297	0.5416	0.5135	0.5857
Resistive_1	604.10	0.1347	0.1368	0.1116	0.1034	0.0317	0.0958	0.0752
Health Related Services (Add-On)								
Exercise	362.61	0.0635	0.1828	0.1657	0.1144	0.0528	0.1412	0.1204
Tube Feedings	301.96	0.0610	0.0270	0.0457	0.0571	0.0116	0.0978	0.0319
Respirate	258.16	0.1118	0.1081	0.0317	0.0752	0.0231	0.0790	0.0397
Ostomy	642.08	0.0000	0.0085	0.0000	0.0128	0.0000	0.0000	0.0090
Medication Administration	471.56	0.6224	0.8321	0.8119	0.7652	0.5219	0.7539	0.7388
Tracheostomy	3,090.80	0.0305	0.0000	0.0151	0.0081	0.0000	0.0000	0.0050
Reposition	587.39	0.0635	0.1085	0.1018	0.0918	0.0211	0.1820	0.0731
Diagnoses (Add-On)								
Intellectually Disabled	251.21	0.6529	0.5671	0.7319	0.6545	0.6937	0.5304	0.4144
New Variables								
Bath_Position	450.58	0.5284	0.5545	0.5353	0.5051	0.5158	0.7063	0.4796
Incidents								
Incidents_0	0.00	0.9695	0.9112	0.9389	0.9594	1.0000	0.9694	0.9499
Incidents_1	1,015.98	0.0305	0.0380	0.0611	0.0406	0.0000	0.0000	0.0326
Incidents_2	1,923.95	0.0000	0.0169	0.0000	0.0000	0.0000	0.0000	0.0091
Incidents_3+	3,691.92	0.0000	0.0339	0.0000	0.0000	0.0000	0.0306	0.0084
MCO/GSR Developmentally Disabled Composite		\$3,953.35	\$4,678.25	\$4,427.17	\$3,777.84	\$2,598.48	\$3,727.52	\$3,495.12
GSR Developmentally Disabled Composite		\$3,152.97	\$4,217.08	\$4,077.36	\$4,217.08	\$3,152.97	\$4,077.36	\$3,495.12
MCO/GSR Experience Credibility Weight		57.3%	100.0%	57.2%	100.0%	68.8%	57.2%	100.0%
Final Blended Developmentally Disabled Composite		\$3,611.41	\$4,678.25	\$4,277.34	\$3,777.84	\$2,771.39	\$3,877.36	\$3,495.12

Exhibit D2Ai
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Physically Disabled

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	9,820.84	0.0054	0.0090	0.0047	0.0000	0.0062	0.0113	0.0097	0.0016	0.0000
SNF	675.13	0.2393	0.2642	0.2490	0.2068	0.2771	0.2163	0.3148	0.2108	0.2350
Number of IADLs (Grid Component)										
IADL_1	0.00	0.1755	0.1557	0.1102	0.1833	0.1450	0.1970	0.2033	0.2557	0.2382
IADL_2	229.00	0.2753	0.2416	0.2725	0.3285	0.2402	0.2473	0.2626	0.2496	0.3108
IADL_3	546.67	0.2015	0.1864	0.2574	0.1792	0.2194	0.2315	0.1832	0.1973	0.1632
IADL_4	903.67	0.2560	0.3466	0.2794	0.2513	0.2891	0.2296	0.2460	0.2305	0.2218
IADL_5	1,141.74	0.0916	0.0698	0.0805	0.0576	0.1064	0.0947	0.1049	0.0669	0.0660
Specific ADLs / Equipment Used (Add-On)										
Eating_2	218.66	0.0682	0.0622	0.0698	0.0490	0.1015	0.0657	0.0854	0.0497	0.0487
Bathing_2	288.82	0.2999	0.3789	0.3569	0.2375	0.3021	0.2924	0.3450	0.2329	0.2527
Toileting_1-2	291.44	0.5560	0.5391	0.6278	0.4781	0.5237	0.5296	0.5364	0.3898	0.4567
Transfer_2	840.02	0.2008	0.2336	0.2442	0.1855	0.2535	0.2048	0.2379	0.1478	0.1716
Interaction Terms (Add-On)										
Injury_Mental Illness	687.46	0.0045	0.0117	0.0040	0.0083	0.0082	0.0024	0.0112	0.0045	0.0120
Muscular_Mental Illness_Age 60 and Under	105.84	0.1015	0.0865	0.0763	0.0916	0.0871	0.0734	0.1997	0.1501	0.1218
Seizure Pre-22_Schizophrenia	739.37	0.0016	0.0028	0.0044	0.0000	0.0000	0.0024	0.0035	0.0032	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0070	0.0050	0.0052	0.0069	0.0101	0.0118	0.0072	0.0079	0.0076
Vent Dependent_Tracheostomy	1,781.80	0.0020	0.0054	0.0006	0.0000	0.0000	0.0068	0.0000	0.0016	0.0000
Transfer_Equip_Mobility	543.38	0.0578	0.0703	0.0448	0.0731	0.0749	0.0455	0.0810	0.0545	0.0695
Behavioral Variables (Add-On)										
Cognition_2-3	321.21	0.2106	0.2477	0.2210	0.2571	0.2843	0.1923	0.2452	0.1985	0.1917
Offensive_1-3	922.13	0.0579	0.0535	0.0563	0.0582	0.0729	0.0575	0.0852	0.0698	0.0487
Wander_2	425.24	0.0112	0.0133	0.0116	0.0057	0.0249	0.0083	0.0176	0.0092	0.0187
Mental Health_2	77.78	0.7669	0.7783	0.6753	0.8384	0.8533	0.7552	0.8295	0.8188	0.7992
Alcohol Drug Abuse	66.09	0.2161	0.1638	0.2345	0.1928	0.2199	0.2044	0.2412	0.2564	0.1800
Health Related Services (Add-On)										
Exercise	295.45	0.1005	0.1382	0.1323	0.0650	0.1134	0.0734	0.1340	0.1092	0.1199
Ulcer Stage 2	806.95	0.0121	0.0159	0.0095	0.0104	0.0053	0.0133	0.0143	0.0150	0.0031
Ulcer Stage 3-4	821.11	0.0167	0.0228	0.0170	0.0127	0.0117	0.0230	0.0151	0.0160	0.0085
Respirate	215.01	0.0613	0.0750	0.0681	0.0272	0.0590	0.0573	0.0800	0.0498	0.0671
Urinary	599.88	0.0291	0.0472	0.0158	0.0290	0.0317	0.0313	0.0362	0.0471	0.0471
Wound	221.59	0.0448	0.0332	0.0343	0.0171	0.0642	0.0259	0.0754	0.0496	0.0766
Tracheostomy	2,115.39	0.0068	0.0109	0.0070	0.0000	0.0063	0.0140	0.0038	0.0040	0.0010
Reposition	917.61	0.0792	0.1235	0.0788	0.0800	0.0862	0.0729	0.1364	0.0760	0.0717
Diagnoses (Add-On)										
Alzheimers	241.31	0.1049	0.1147	0.0822	0.1277	0.2169	0.0886	0.1184	0.1110	0.0826
New Variables										
Bath_Position	231.44	0.8048	0.8481	0.7696	0.7971	0.8056	0.8073	0.8212	0.8433	0.8112
Incidents										
Incidents_0	0.00	0.9623	0.9782	0.9797	0.9508	0.9870	0.9841	0.9456	0.9401	0.9448
Incidents_1	643.19	0.0284	0.0188	0.0168	0.0409	0.0068	0.0148	0.0438	0.0420	0.0485
Incidents_2+	1,608.00	0.0093	0.0030	0.0035	0.0083	0.0062	0.0011	0.0106	0.0179	0.0067
MCO/GSR Physically Disabled Composite			\$2,776.31	\$2,606.09	\$2,354.93	\$2,736.31	\$2,535.06	\$2,831.04	\$2,363.47	\$2,335.25
GSR Physically Disabled Composite			\$2,843.00	\$2,484.04	\$2,403.40	\$2,739.03	\$2,487.03	\$2,771.39	\$2,298.78	\$2,267.96
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Physically Disabled Composite		\$2,540.65	\$2,776.31	\$2,606.09	\$2,354.93	\$2,736.31	\$2,535.06	\$2,831.04	\$2,363.47	\$2,335.25

Exhibit D2Ai
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	LCI (GSR 13)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	9,820.84	0.0090	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0141	0.0050
SNF	675.13	0.2555	0.1345	0.3422	0.2700	0.3240	0.3336	0.2455	0.3056	0.3076
Number of IADLs (Grid Component)										
IADL_1	0.00	0.2258	0.2949	0.1376	0.1777	0.2284	0.0925	0.1846	0.0701	0.1304
IADL_2	229.00	0.2469	0.3444	0.1555	0.2455	0.2983	0.3011	0.2664	0.2927	0.2105
IADL_3	546.67	0.1854	0.1775	0.1902	0.1978	0.2118	0.2109	0.1916	0.2669	0.2031
IADL_4	903.67	0.2326	0.1405	0.1630	0.2498	0.1891	0.2628	0.2641	0.3158	0.3396
IADL_5	1,141.74	0.1093	0.0428	0.3536	0.1292	0.0724	0.1327	0.0933	0.0545	0.1165
Specific ADLs / Equipment Used (Add-On)										
Eating_2	218.66	0.0797	0.0734	0.0000	0.0794	0.1064	0.0684	0.0392	0.0485	0.0655
Bathing_2	288.82	0.3156	0.2422	0.4190	0.2812	0.3433	0.2773	0.2742	0.3479	0.3859
Toileting_1-2	291.44	0.4927	0.3491	0.5555	0.4911	0.6049	0.7339	0.5330	0.5496	0.6116
Transfer_2	840.02	0.1915	0.1101	0.1027	0.1401	0.1746	0.1612	0.1795	0.2663	0.2515
Interaction Terms (Add-On)										
Injury_Mental Illness	687.46	0.0076	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0123	0.0032
Muscular_Mental Illness_Age 60 and Under	105.84	0.1524	0.2231	0.1369	0.1403	0.0502	0.1421	0.1280	0.1214	0.0944
Seizure Pre-22_Schizophrenia	739.37	0.0010	0.0000	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0024
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0095	0.0000	0.0000	0.0092	0.0000	0.0210	0.0064	0.0000	0.0029
Vent Dependent_Tracheostomy	1,781.80	0.0057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030
Transfer_Equip_Mobility	543.38	0.0620	0.0642	0.0000	0.0315	0.0369	0.0432	0.0694	0.0567	0.0910
Behavioral Variables (Add-On)										
Cognition_2-3	321.21	0.2017	0.1070	0.5817	0.2308	0.1466	0.2612	0.1599	0.1658	0.2681
Offensive_1-3	922.13	0.0587	0.0000	0.1825	0.0719	0.0445	0.0695	0.0581	0.0285	0.0830
Wander_2	425.24	0.0105	0.0000	0.0684	0.0146	0.0117	0.0280	0.0085	0.0123	0.0203
Mental Health_2	77.78	0.8171	0.9282	0.8863	0.8220	0.7918	0.7964	0.8159	0.8193	0.7831
Alcohol Drug Abuse	66.09	0.1827	0.2738	0.2738	0.3050	0.1428	0.1617	0.2416	0.1516	0.1788
Health Related Services (Add-On)										
Exercise	295.45	0.1215	0.1131	0.0000	0.1244	0.1178	0.0520	0.0615	0.1163	0.0952
Ulcer Stage 2	806.95	0.0195	0.0398	0.0000	0.0278	0.0178	0.0000	0.0056	0.0050	0.0110
Ulcer Stage 3-4	821.11	0.0133	0.0367	0.0000	0.0166	0.0265	0.0060	0.0124	0.0000	0.0184
Respirate	215.01	0.0656	0.0395	0.1332	0.0625	0.0587	0.0478	0.0565	0.0953	0.0946
Urinary	599.88	0.0261	0.0153	0.0000	0.0299	0.0180	0.0118	0.0273	0.0260	0.0394
Wound	221.59	0.0705	0.0000	0.0000	0.0540	0.0719	0.0686	0.0576	0.0783	0.0671
Tracheostomy	2,115.39	0.0078	0.0000	0.0000	0.0000	0.0000	0.0000	0.0055	0.0363	0.0067
Reposition	917.61	0.0937	0.0581	0.0000	0.0581	0.0634	0.0709	0.0575	0.0399	0.1009
Diagnoses (Add-On)										
Alzheimers	241.31	0.1032	0.0367	0.1939	0.1376	0.0793	0.0841	0.1313	0.0807	0.1068
New Variables										
Bath_Position	231.44	0.8019	0.7942	1.0000	0.8364	0.7016	0.6850	0.8057	0.8751	0.8200
Incidents										
Incidents_0	0.00	0.9724	0.9125	0.8631	0.9354	0.9246	0.9782	0.9554	1.0000	0.9397
Incidents_1	643.19	0.0179	0.0256	0.1369	0.0490	0.0754	0.0218	0.0292	0.0000	0.0385
Incidents_2+	1,608.00	0.0097	0.0618	0.0000	0.0155	0.0000	0.0000	0.0154	0.0000	0.0218
MCO/GSR Physically Disabled Composite		\$2,590.66	\$2,088.00	\$2,878.40	\$2,507.63	\$2,396.66	\$2,539.93	\$2,419.47	\$2,745.17	\$2,884.98
GSR Physically Disabled Composite		\$2,586.46	\$2,613.63	\$2,843.00	\$2,507.63	\$2,561.50	\$2,586.46	\$2,403.40	\$2,739.03	\$2,845.28
MCO/GSR Experience Credibility Weight		100.0%	52.2%	27.0%	100.0%	88.6%	69.0%	100.0%	84.2%	100.0%
Final Blended Physically Disabled Composite		\$2,590.66	\$2,339.22	\$2,852.57	\$2,507.63	\$2,415.44	\$2,554.37	\$2,419.47	\$2,744.20	\$2,884.98

Exhibit D2Ai
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 13)	MCW (GSR 14)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	9,820.84	0.0135	0.0031	0.0000	0.0124	0.0170	0.0013	0.0018	0.0118	0.0251
SNF	675.13	0.1960	0.1525	0.2314	0.2267	0.2226	0.2060	0.2594	0.2081	0.2442
Number of IADLs (Grid Component)										
IADL_1	0.00	0.2113	0.3267	0.2553	0.2059	0.1490	0.1348	0.1668	0.1648	0.1938
IADL_2	229.00	0.3005	0.2815	0.3139	0.2445	0.2344	0.3376	0.3917	0.2425	0.3295
IADL_3	546.67	0.1838	0.1881	0.2105	0.1902	0.1906	0.1790	0.1504	0.2239	0.1648
IADL_4	903.67	0.2133	0.1452	0.1617	0.2433	0.2817	0.2567	0.2059	0.2796	0.2072
IADL_5	1,141.74	0.0911	0.0585	0.0585	0.1162	0.1442	0.0919	0.0852	0.0891	0.1047
Specific ADLs / Equipment Used (Add-On)										
Eating_2	218.66	0.0977	0.0452	0.0432	0.0607	0.1070	0.0666	0.0704	0.1031	0.0867
Bathing_2	288.82	0.3454	0.1512	0.1646	0.2983	0.3967	0.2596	0.2221	0.3529	0.2585
Toileting_1-2	291.44	0.5812	0.4327	0.4646	0.4901	0.5975	0.6706	0.5813	0.6345	0.5650
Transfer_2	840.02	0.2280	0.1019	0.1266	0.2192	0.2371	0.1773	0.1870	0.2734	0.2397
Interaction Terms (Add-On)										
Injury_Mental Illness	687.46	0.0000	0.0010	0.0000	0.0018	0.0000	0.0040	0.0018	0.0028	0.0105
Muscular_Mental Illness_Age 60 and Under	105.84	0.0747	0.1187	0.1123	0.0712	0.0465	0.0760	0.0991	0.0517	0.0993
Seizure Pre-22_Schizophrenia	739.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0208	0.0107	0.0173	0.0069	0.0035	0.0070	0.0055	0.0000	0.0000
Vent Dependent_Tracheostomy	1,781.80	0.0000	0.0000	0.0000	0.0033	0.0076	0.0003	0.0000	0.0076	0.0000
Transfer_Equip_Mobility	543.38	0.0696	0.0469	0.0315	0.0947	0.0807	0.0428	0.0490	0.0638	0.0807
Behavioral Variables (Add-On)										
Cognition_2-3	321.21	0.1516	0.1240	0.1256	0.1691	0.2589	0.2141	0.1787	0.2064	0.2280
Offensive_1-3	922.13	0.0260	0.0470	0.0402	0.0645	0.0854	0.0458	0.0366	0.0356	0.0432
Wander_2	425.24	0.0000	0.0000	0.0086	0.0082	0.0158	0.0075	0.0061	0.0152	0.0000
Mental Health_2	77.78	0.7012	0.8427	0.7534	0.7893	0.8417	0.7015	0.7368	0.7780	0.6661
Alcohol Drug Abuse	66.09	0.2094	0.2724	0.2381	0.1919	0.1993	0.2258	0.1368	0.1714	0.1745
Health Related Services (Add-On)										
Exercise	295.45	0.1206	0.0711	0.0704	0.1374	0.1237	0.0444	0.0617	0.1383	0.0843
Ulcer Stage 2	806.95	0.0113	0.0010	0.0117	0.0037	0.0083	0.0119	0.0185	0.0166	0.0143
Ulcer Stage 3-4	821.11	0.0081	0.0117	0.0183	0.0233	0.0179	0.0138	0.0190	0.0357	0.0209
Respirate	215.01	0.0991	0.0562	0.0271	0.0719	0.0741	0.0449	0.0396	0.0632	0.0469
Urinary	599.88	0.0338	0.0156	0.0285	0.0323	0.0397	0.0164	0.0399	0.0424	0.0073
Wound	221.59	0.0510	0.0414	0.0252	0.0456	0.0257	0.0283	0.0537	0.0323	0.0462
Tracheostomy	2,115.39	0.0000	0.0061	0.0000	0.0124	0.0172	0.0045	0.0054	0.0126	0.0126
Reposition	917.61	0.0759	0.0334	0.0368	0.1078	0.0848	0.0606	0.0571	0.1087	0.0953
Diagnoses (Add-On)										
Alzheimers	241.31	0.0731	0.0657	0.1253	0.1231	0.1834	0.0859	0.0931	0.0938	0.1211
New Variables										
Bath_Position	231.44	0.7617	0.8184	0.7723	0.8445	0.8221	0.7888	0.7286	0.8520	0.7307
Incidents										
Incidents_0	0.00	0.9558	0.9300	0.9615	0.9711	0.9351	0.9737	0.9780	0.9480	0.9507
Incidents_1	643.19	0.0337	0.0554	0.0230	0.0256	0.0484	0.0189	0.0147	0.0408	0.0357
Incidents_2+	1,608.00	0.0105	0.0146	0.0155	0.0033	0.0165	0.0074	0.0074	0.0112	0.0136
MCO/GSR Physically Disabled Composite		\$2,521.56	\$2,050.29	\$2,109.19	\$2,661.04	\$2,932.85	\$2,378.49	\$2,330.50	\$2,787.66	\$2,724.16
GSR Physically Disabled Composite		\$2,771.39	\$2,298.78	\$2,267.96	\$2,613.63	\$2,843.00	\$2,484.04	\$2,487.03	\$2,845.28	\$2,561.50
MCO/GSR Experience Credibility Weight		86.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	89.2%
Final Blended Physically Disabled Composite		\$2,556.56	\$2,050.29	\$2,109.19	\$2,661.04	\$2,932.85	\$2,378.49	\$2,330.50	\$2,787.66	\$2,706.58

Exhibit D2Aii
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 2019 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)								
Vent Dependent	9,820.84	0.0000	0.0000	0.0000	0.0107	0.0000	0.0000	0.0074
SNF	675.13	0.3115	0.3457	0.0786	0.2858	0.1188	0.3270	0.4107
Number of IADLs (Grid Component)								
IADL_1	0.00	0.1301	0.1360	0.0321	0.1536	0.2441	0.2370	0.0476
IADL_2	229.00	0.1517	0.1640	0.5269	0.1816	0.4327	0.2539	0.2241
IADL_3	546.67	0.2224	0.3126	0.2211	0.3109	0.1256	0.2124	0.1753
IADL_4	903.67	0.3902	0.2445	0.1967	0.2607	0.0837	0.2196	0.3978
IADL_5	1,141.74	0.1056	0.1429	0.0232	0.0932	0.1139	0.0770	0.1552
Specific ADLs / Equipment Used (Add-On)								
Eating_2	218.66	0.0000	0.0932	0.0000	0.0486	0.0000	0.0403	0.1160
Bathing_2	288.82	0.4227	0.4405	0.0686	0.3878	0.3092	0.3422	0.5028
Toileting_1-2	291.44	0.5983	0.5524	0.7277	0.8487	0.3859	0.5822	0.6945
Transfer_2	840.02	0.1301	0.2554	0.1967	0.2022	0.2023	0.2018	0.3147
Interaction Terms (Add-On)								
Injury_Mental Illness	687.46	0.0000	0.0110	0.0000	0.0000	0.0000	0.0000	0.0172
Muscular_Mental Illness_Age 60 and Under	105.84	0.0000	0.1251	0.1967	0.0965	0.0279	0.0369	0.1006
Seizure Pre-22_Schizophrenia	739.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0000	0.0112	0.0000	0.0149	0.0000	0.0000	0.0000
Vent Dependent_Tracheostomy	1,781.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Transfer_Equip_Mobility	543.38	0.1301	0.0600	0.2745	0.0718	0.0837	0.0939	0.1090
Behavioral Variables (Add-On)								
Cognition_2-3	321.21	0.3441	0.2400	0.2200	0.3506	0.1208	0.1089	0.3621
Offensive_1-3	922.13	0.1815	0.0807	0.1967	0.0000	0.0000	0.0208	0.1174
Wander_2	425.24	0.0000	0.0382	0.0000	0.0000	0.0000	0.0015	0.0428
Mental Health_2	77.78	0.8591	0.8328	0.8254	0.8358	0.6370	0.6091	0.7367
Alcohol Drug Abuse	66.09	0.1301	0.2945	0.0232	0.1843	0.0837	0.1312	0.1726
Health Related Services (Add-On)								
Exercise	295.45	0.1192	0.1844	0.0000	0.0742	0.0279	0.0839	0.1486
Ulcer Stage 2	806.95	0.1192	0.0270	0.0000	0.0036	0.0000	0.0000	0.0043
Ulcer Stage 3-4	821.11	0.0000	0.0000	0.0000	0.0268	0.0000	0.0000	0.0258
Respirate	215.01	0.0000	0.1314	0.0133	0.0352	0.0000	0.0322	0.0847
Urinary	599.88	0.0000	0.0643	0.0000	0.0322	0.0837	0.1174	0.0465
Wound	221.59	0.0000	0.0614	0.0321	0.1508	0.0770	0.0941	0.0469
Tracheostomy	2,115.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0403	0.0149
Reposition	917.61	0.0000	0.0867	0.2745	0.0686	0.1256	0.1107	0.1328
Diagnoses (Add-On)								
Alzheimers	241.31	0.0000	0.1335	0.0000	0.0893	0.0302	0.0242	0.1438
New Variables								
Bath_Position	231.44	0.8563	0.7396	0.9657	0.7382	0.8047	0.8021	0.8315
Incidents								
Incidents_0	0.00	0.8699	0.9193	0.9756	0.9848	0.9698	0.9738	0.9678
Incidents_1	643.19	0.0000	0.0270	0.0000	0.0152	0.0302	0.0000	0.0311
Incidents_2+	1,608.00	0.1301	0.0537	0.0244	0.0000	0.0000	0.0262	0.0011
MCO/GSR Physically Disabled Composite		\$2,915.15	\$2,909.22	\$2,615.21	\$2,715.64	\$2,078.16	\$2,544.17	\$3,299.00
GSR Physically Disabled Composite		\$2,405.90	\$2,801.37	\$2,550.50	\$2,801.37	\$2,405.90	\$2,550.50	\$3,299.00
MCO/GSR Experience Credibility Weight		27.7%	60.9%	15.6%	68.3%	34.6%	49.8%	100.0%
Final Blended Physically Disabled Composite		\$2,547.10	\$2,867.03	\$2,560.58	\$2,742.83	\$2,292.62	\$2,547.35	\$3,299.00

Exhibit D3Ai
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	8,396.78	0.0007	0.0000	0.0011	0.0042	0.0014	0.0000	0.0000	0.0000	0.0000
SNF	444.91	0.2437	0.2435	0.2662	0.2193	0.2487	0.2192	0.3108	0.2617	0.2923
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0709	0.0292	0.0712	0.0482	0.0587	0.0674	0.0835	0.1052	0.1101
IADL_2	304.91	0.1452	0.0893	0.1541	0.1710	0.1031	0.1238	0.0981	0.1619	0.1619
IADL_3	595.77	0.1214	0.1164	0.1387	0.1143	0.1162	0.1114	0.1278	0.1226	0.1407
IADL_4-5	967.23	0.6625	0.7651	0.6361	0.6665	0.7220	0.6975	0.6905	0.6104	0.5873
Specific ADLs / Equipment Used (Add-On)										
Bathing_1	176.85	0.4361	0.3648	0.4604	0.4658	0.4890	0.4128	0.3852	0.3829	0.4441
Bathing_2	384.15	0.4988	0.5792	0.4983	0.4790	0.4594	0.5232	0.5482	0.4900	0.4847
Toileting_1-2	287.18	0.6429	0.6287	0.6950	0.6651	0.6140	0.6314	0.6483	0.5462	0.6099
Transfer_2	672.48	0.2663	0.2932	0.2966	0.2791	0.2828	0.2899	0.2803	0.2251	0.2555
Interaction Terms (Add-On)										
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0063	0.0079	0.0093	0.0000	0.0053	0.0054	0.0047	0.0082	0.0095
Seizure Post-22_Bipolar	571.47	0.0042	0.0046	0.0030	0.0171	0.0040	0.0017	0.0054	0.0032	0.0045
Trauma BI Post-22_Anxiety	353.44	0.0067	0.0045	0.0047	0.0098	0.0066	0.0038	0.0086	0.0104	0.0131
Transfer_Equip_Mobility	783.42	0.0788	0.0771	0.0503	0.0629	0.0623	0.0653	0.0993	0.0968	0.1091
Behavioral Variables (Add-On)										
Cognition_2	180.08	0.3095	0.3571	0.2922	0.2720	0.2875	0.3682	0.2943	0.2516	0.2690
Cognition_3	213.17	0.1361	0.1966	0.1749	0.1911	0.2366	0.1426	0.1861	0.1641	0.1229
Offensive_1-3	214.43	0.0768	0.0690	0.0771	0.0586	0.0764	0.0675	0.1284	0.1086	0.0780
Wander_2	126.09	0.0328	0.0348	0.0437	0.0456	0.0350	0.0332	0.0602	0.0413	0.0329
Mental Health_2	134.99	0.6260	0.6283	0.5451	0.6293	0.6685	0.6560	0.6686	0.6859	0.6683
Alcohol Drug Abuse	145.74	0.0704	0.0520	0.0879	0.0712	0.0603	0.0704	0.0766	0.0932	0.0662
Health Related Services (Add-On)										
Dialysis	268.91	0.0204	0.0131	0.0263	0.0087	0.0107	0.0206	0.0133	0.0203	0.0297
Exercise	255.48	0.0664	0.0634	0.0880	0.0621	0.0418	0.0382	0.0987	0.1284	0.1256
Ulcer Stage 2	429.81	0.0099	0.0115	0.0088	0.0094	0.0069	0.0054	0.0116	0.0158	0.0068
Ulcer Stage 3-4	787.18	0.0063	0.0064	0.0092	0.0033	0.0093	0.0021	0.0036	0.0067	0.0098
Tracheostomy	4,178.15	0.0015	0.0015	0.0014	0.0042	0.0000	0.0000	0.0039	0.0007	0.0015
Reposition	536.07	0.0757	0.0900	0.0825	0.0608	0.0592	0.0651	0.1408	0.0938	0.1006
Diagnoses (Add-On)										
Alzheimers	144.93	0.4105	0.5114	0.3836	0.3531	0.4685	0.4846	0.4257	0.3673	0.3181
Mental Illness	164.36	0.2407	0.3347	0.2109	0.2489	0.2211	0.2612	0.3016	0.2971	0.2140
Incidents										
Incidents_0	0.00	0.9836	0.9884	0.9930	0.9930	0.9918	0.9888	0.9686	0.9754	0.9764
Incidents_1+	542.34	0.0164	0.0116	0.0070	0.0070	0.0082	0.0112	0.0314	0.0246	0.0236
MCO/GSR Frail Elderly Composite			\$2,829.42	\$2,688.03	\$2,694.39	\$2,707.68	\$2,684.36	\$2,851.91	\$2,626.43	\$2,654.47
GSR Frail Elderly Composite			\$2,831.55	\$2,611.94	\$2,691.24	\$2,681.90	\$2,677.31	\$2,759.86	\$2,564.57	\$2,556.46
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,674.40	\$2,829.42	\$2,688.03	\$2,694.39	\$2,707.68	\$2,684.36	\$2,851.91	\$2,626.43	\$2,654.47

Exhibit D3Ai
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	LCI (GSR 13)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	8,396.78	0.0017	0.0000	0.0000	0.0000	0.0067	0.0000	0.0000	0.0000	0.0021
SNF	444.91	0.2534	0.3181	0.3742	0.2905	0.2401	0.2010	0.2429	0.2040	0.2619
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0849	0.0346	0.1119	0.0718	0.1173	0.0118	0.0599	0.0248	0.0539
IADL_2	304.91	0.1421	0.0965	0.1149	0.1505	0.1375	0.1147	0.0990	0.1130	0.0958
IADL_3	595.77	0.1196	0.1414	0.1112	0.1413	0.1078	0.0554	0.0949	0.1482	0.1029
IADL_4-5	967.23	0.6535	0.7276	0.6620	0.6363	0.6373	0.8180	0.7462	0.7139	0.7475
Specific ADLs / Equipment Used (Add-On)										
Bathing_1	176.85	0.3247	0.3570	0.4642	0.4050	0.3754	0.2839	0.3773	0.4180	0.4276
Bathing_2	384.15	0.5849	0.5689	0.4134	0.5183	0.5429	0.6638	0.5144	0.4942	0.5050
Toileting_1-2	287.18	0.6369	0.6170	0.5641	0.5901	0.6496	0.7523	0.5881	0.5628	0.6644
Transfer_2	672.48	0.2901	0.2525	0.2180	0.2327	0.3151	0.2564	0.2500	0.2692	0.2908
Interaction Terms (Add-On)										
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0049	0.0044	0.0000	0.0054	0.0000	0.0100	0.0063	0.0000	0.0045
Seizure Post-22_Bipolar	571.47	0.0043	0.0000	0.0000	0.0036	0.0000	0.0032	0.0041	0.0045	0.0040
Trauma BI Post-22_Anxiety	353.44	0.0020	0.0082	0.0231	0.0065	0.0039	0.0050	0.0055	0.0045	0.0048
Transfer_Equip_Mobility	783.42	0.0822	0.0554	0.0534	0.0650	0.0756	0.0445	0.0825	0.0730	0.0830
Behavioral Variables (Add-On)										
Cognition_2	180.08	0.3066	0.2585	0.2859	0.3037	0.2480	0.6017	0.3055	0.3023	0.3293
Cognition_3	213.17	0.1509	0.2192	0.1807	0.1343	0.1989	0.0601	0.1176	0.0916	0.1282
Offensive_1-3	214.43	0.0871	0.1299	0.1298	0.1242	0.0847	0.0548	0.0683	0.0658	0.0831
Wander_2	126.09	0.0401	0.0364	0.0814	0.0569	0.0438	0.0206	0.0221	0.0313	0.0272
Mental Health_2	134.99	0.6681	0.6126	0.6151	0.6243	0.6034	0.5786	0.6376	0.6256	0.6062
Alcohol Drug Abuse	145.74	0.0569	0.0811	0.0000	0.0865	0.0393	0.0448	0.0865	0.0481	0.0606
Health Related Services (Add-On)										
Dialysis	268.91	0.0177	0.0339	0.0000	0.0125	0.0168	0.0058	0.0136	0.0116	0.0171
Exercise	255.48	0.0644	0.0387	0.0000	0.1012	0.0721	0.0326	0.0564	0.0581	0.0692
Ulcer Stage 2	429.81	0.0155	0.0298	0.0000	0.0116	0.0075	0.0098	0.0039	0.0001	0.0114
Ulcer Stage 3-4	787.18	0.0047	0.0000	0.0000	0.0078	0.0061	0.0047	0.0058	0.0036	0.0032
Tracheostomy	4,178.15	0.0004	0.0000	0.0000	0.0008	0.0067	0.0000	0.0006	0.0000	0.0026
Reposition	536.07	0.0831	0.0247	0.0000	0.0570	0.0931	0.0239	0.0678	0.0476	0.0696
Diagnoses (Add-On)										
Alzheimers	144.93	0.3675	0.5064	0.4971	0.4015	0.3593	0.4326	0.4414	0.3650	0.4140
Mental Illness	164.36	0.2301	0.1632	0.1977	0.2137	0.1709	0.3600	0.3444	0.2418	0.2896
Incidents										
Incidents_0	0.00	0.9811	0.9675	1.0000	0.9804	0.9719	0.9855	0.9882	0.9922	0.9834
Incidents_1+	542.34	0.0189	0.0325	0.0000	0.0196	0.0281	0.0145	0.0118	0.0078	0.0166
MCO/GSR Frail Elderly Composite		\$2,707.03	\$2,733.49	\$2,538.12	\$2,635.68	\$2,736.77	\$2,779.83	\$2,690.35	\$2,613.41	\$2,781.70
GSR Frail Elderly Composite		\$2,718.57	\$2,679.99	\$2,831.55	\$2,635.68	\$2,616.27	\$2,718.57	\$2,691.24	\$2,681.90	\$2,756.51
MCO/GSR Experience Credibility Weight		100.0%	71.2%	40.5%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,707.03	\$2,718.09	\$2,712.76	\$2,635.68	\$2,736.77	\$2,779.83	\$2,690.35	\$2,613.41	\$2,781.70

Exhibit D3A1
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 2019 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 13)	MCW (GSR 14)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	8,396.78	0.0000	0.0000	0.0000	0.0000	0.0019	0.0007	0.0000	0.0010	0.0000
SNF	444.91	0.1963	0.1920	0.1524	0.2103	0.2022	0.2316	0.2442	0.2405	0.2063
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0962	0.1642	0.1150	0.0648	0.0354	0.0710	0.0571	0.0985	0.0871
IADL_2	304.91	0.1644	0.2251	0.1782	0.1245	0.1006	0.2045	0.1715	0.1405	0.1682
IADL_3	595.77	0.1337	0.1300	0.1555	0.1301	0.1020	0.1242	0.1635	0.1009	0.1443
IADL_4-5	967.23	0.6057	0.4806	0.5513	0.6806	0.7620	0.6004	0.6079	0.6601	0.6004
Specific ADLs / Equipment Used (Add-On)										
Bathing_1	176.85	0.5187	0.5436	0.5786	0.4032	0.3406	0.5472	0.5152	0.4074	0.5648
Bathing_2	384.15	0.4043	0.3198	0.3418	0.5286	0.6129	0.4196	0.4497	0.5404	0.3794
Toileting_1-2	287.18	0.6146	0.4870	0.5721	0.6565	0.6967	0.6968	0.6516	0.6615	0.6192
Transfer_2	672.48	0.2153	0.1412	0.1514	0.2673	0.3481	0.2501	0.2640	0.2764	0.2287
Interaction Terms (Add-On)										
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0086	0.0004	0.0138	0.0040	0.0044	0.0076	0.0081	0.0044	0.0000
Seizure Post-22_Bipolar	571.47	0.0000	0.0045	0.0024	0.0021	0.0031	0.0058	0.0043	0.0027	0.0033
Trauma BI Post-22_Anxiety	353.44	0.0038	0.0071	0.0000	0.0037	0.0063	0.0086	0.0255	0.0081	0.0000
Transfer_Equip_Mobility	783.42	0.0630	0.0739	0.0443	0.0942	0.1044	0.0743	0.0588	0.0886	0.0746
Behavioral Variables (Add-On)										
Cognition_2	180.08	0.2751	0.2160	0.2440	0.3277	0.3223	0.3052	0.3452	0.3626	0.3751
Cognition_3	213.17	0.1022	0.0726	0.0823	0.1126	0.1579	0.0939	0.1212	0.0542	0.0391
Offensive_1-3	214.43	0.0740	0.0737	0.0547	0.0866	0.0658	0.0531	0.0469	0.0650	0.0542
Wander_2	126.09	0.0468	0.0255	0.0411	0.0359	0.0244	0.0181	0.0207	0.0217	0.0173
Mental Health_2	134.99	0.5439	0.5619	0.5600	0.6159	0.6133	0.6109	0.5925	0.6364	0.5896
Alcohol Drug Abuse	145.74	0.0670	0.0638	0.0814	0.0571	0.0460	0.0793	0.0798	0.0527	0.0392
Health Related Services (Add-On)										
Dialysis	268.91	0.0293	0.0113	0.0125	0.0188	0.0127	0.0307	0.0411	0.0310	0.0257
Exercise	255.48	0.0281	0.0315	0.0774	0.0903	0.0468	0.0363	0.0333	0.0749	0.0063
Ulcer Stage 2	429.81	0.0127	0.0074	0.0165	0.0133	0.0077	0.0080	0.0077	0.0119	0.0178
Ulcer Stage 3-4	787.18	0.0069	0.0008	0.0003	0.0072	0.0039	0.0078	0.0044	0.0180	0.0005
Tracheostomy	4,178.15	0.0000	0.0000	0.0000	0.0000	0.0017	0.0021	0.0054	0.0015	0.0065
Reposition	536.07	0.0399	0.0236	0.0161	0.0526	0.0600	0.0774	0.0683	0.1113	0.0516
Diagnoses (Add-On)										
Alzheimers	144.93	0.3948	0.2926	0.3518	0.4177	0.4967	0.3942	0.4382	0.3384	0.4317
Mental Illness	164.36	0.1436	0.1891	0.1879	0.2578	0.1838	0.2014	0.2187	0.1448	0.0813
Incidents										
Incidents_0	0.00	0.9882	0.9615	0.9880	0.9896	0.9801	0.9873	0.9697	0.9701	0.9723
Incidents_1+	542.34	0.0118	0.0385	0.0120	0.0104	0.0199	0.0127	0.0303	0.0299	0.0277
MCO/GSR Frail Elderly Composite		\$2,450.92	\$2,208.61	\$2,297.15	\$2,676.54	\$2,839.15	\$2,592.00	\$2,642.57	\$2,691.09	\$2,499.42
GSR Frail Elderly Composite		\$2,759.86	\$2,564.57	\$2,556.46	\$2,679.99	\$2,831.55	\$2,611.94	\$2,677.31	\$2,756.51	\$2,616.27
MCO/GSR Experience Credibility Weight		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,450.92	\$2,208.61	\$2,297.15	\$2,676.54	\$2,839.15	\$2,592.00	\$2,642.57	\$2,691.09	\$2,499.42

Exhibit D3Aii
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
2019 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)								
Vent Dependent	8,396.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SNF	444.91	0.2424	0.3747	0.2091	0.2450	0.1543	0.1877	0.2897
Number of IADLs (Grid Component)								
IADL_1	0.00	0.0393	0.0187	0.0105	0.0306	0.1080	0.0361	0.0285
IADL_2	304.91	0.1139	0.1747	0.2778	0.1649	0.1593	0.2056	0.1028
IADL_3	595.77	0.1879	0.1603	0.3659	0.1451	0.1716	0.1946	0.1164
IADL_4-5	967.23	0.6589	0.6463	0.3458	0.6594	0.5611	0.5638	0.7524
Specific ADLs / Equipment Used (Add-On)								
Bathing_1	176.85	0.5497	0.3365	0.7387	0.3874	0.3415	0.4954	0.3042
Bathing_2	384.15	0.4225	0.6199	0.2509	0.5458	0.5551	0.4424	0.6306
Toileting_1-2	287.18	0.6736	0.6465	0.6114	0.7811	0.4922	0.7756	0.6827
Transfer_2	672.48	0.2471	0.2331	0.2613	0.1522	0.2022	0.2070	0.3311
Interaction Terms (Add-On)								
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0000	0.0077	0.0000	0.0015	0.0000	0.0195	0.0110
Seizure Post-22_Bipolar	571.47	0.0000	0.0000	0.0000	0.0087	0.0000	0.0000	0.0113
Trauma BI Post-22_Anxiety	353.44	0.0000	0.0126	0.0000	0.0000	0.0000	0.0024	0.0076
Transfer_Equip_Mobility	783.42	0.1513	0.0432	0.1254	0.0265	0.0716	0.0478	0.0797
Behavioral Variables (Add-On)								
Cognition_2	180.08	0.3315	0.3178	0.2204	0.4899	0.2119	0.3542	0.3622
Cognition_3	213.17	0.1080	0.1874	0.0000	0.0501	0.0373	0.0261	0.1948
Offensive_1-3	214.43	0.1267	0.1248	0.1254	0.0693	0.0745	0.0142	0.0902
Wander_2	126.09	0.0065	0.0410	0.0105	0.0204	0.0254	0.0024	0.0514
Mental Health_2	134.99	0.5643	0.5889	0.7282	0.5503	0.5322	0.5534	0.6512
Alcohol Drug Abuse	145.74	0.0000	0.1334	0.1666	0.0599	0.0225	0.0669	0.0658
Health Related Services (Add-On)								
Dialysis	268.91	0.0000	0.0240	0.0000	0.0087	0.0234	0.0284	0.0518
Exercise	255.48	0.0785	0.1686	0.0000	0.0468	0.0273	0.0318	0.1132
Ulcer Stage 2	429.81	0.0000	0.0189	0.0000	0.0129	0.0137	0.0000	0.0124
Ulcer Stage 3-4	787.18	0.0393	0.0116	0.0000	0.0017	0.0000	0.0000	0.0047
Tracheostomy	4,178.15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Reposition	536.07	0.1359	0.0993	0.0000	0.0130	0.0291	0.0308	0.0780
Diagnoses (Add-On)								
Alzheimers	144.93	0.3228	0.3771	0.2362	0.4536	0.3409	0.3757	0.4648
Mental Illness	164.36	0.1826	0.2422	0.2522	0.2773	0.1547	0.1899	0.2024
Incidents								
Incidents_0	0.00	0.9322	0.9901	0.9895	0.9775	1.0000	1.0000	0.9831
Incidents_1+	542.34	0.0678	0.0099	0.0105	0.0225	0.0000	0.0000	0.0169
MCO/GSR Frail Elderly Composite		\$2,768.61	\$2,784.51	\$2,393.49	\$2,580.62	\$2,334.06	\$2,462.45	\$2,896.20
GSR Frail Elderly Composite		\$2,496.35	\$2,675.99	\$2,449.71	\$2,675.99	\$2,496.35	\$2,449.71	\$2,896.20
MCO/GSR Experience Credibility Weight		50.5%	100.0%	28.2%	100.0%	65.4%	59.3%	100.0%
Final Blended Frail Elderly Composite		\$2,633.76	\$2,784.51	\$2,433.84	\$2,580.62	\$2,390.26	\$2,457.27	\$2,896.20

Exhibit D1BI
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	6,962.46	0.0011	0.0000	0.0045	0.0000	0.0000	0.0016	0.0009	0.0006	0.0000
SNF	472.83	0.3548	0.4078	0.4280	0.3722	0.4288	0.3722	0.4463	0.3773	0.3199
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0195	0.0107	0.0067	0.0057	0.0105	0.0110	0.0137	0.0444	0.0407
IADL_2	188.85	0.1016	0.0867	0.0687	0.2183	0.1191	0.0751	0.1107	0.1320	0.1378
IADL_3	458.11	0.1820	0.1841	0.1733	0.2012	0.1985	0.1723	0.1834	0.1845	0.1778
IADL_4	1,156.41	0.3415	0.3536	0.4014	0.3488	0.3365	0.3434	0.3217	0.3119	0.2723
IADL_5	1,379.30	0.3553	0.3649	0.3499	0.2259	0.3354	0.3981	0.3705	0.3272	0.3714
Specific ADLs / Equipment Used (Add-On)										
Eating_2	209.11	0.1958	0.1755	0.2197	0.1176	0.1886	0.1858	0.1987	0.1826	0.1669
Bathing_1	222.28	0.4366	0.4464	0.4503	0.5219	0.4329	0.4327	0.4463	0.4070	0.4267
Bathing_2	330.54	0.3881	0.3802	0.4548	0.2918	0.3608	0.4153	0.3842	0.3698	0.3714
Transfer_2	615.04	0.1628	0.1357	0.2198	0.1635	0.1623	0.1651	0.1703	0.1601	0.1540
Interaction Terms (Add-On)										
Brain_Other	379.30	0.0281	0.0259	0.0267	0.0230	0.0467	0.0219	0.0421	0.0302	0.0355
Other Federal DD_Bipolar	763.13	0.0028	0.0024	0.0007	0.0000	0.0047	0.0039	0.0052	0.0012	0.0042
Behaviors_Autism	1,257.74	0.0596	0.0879	0.0802	0.0402	0.0794	0.0707	0.0831	0.0567	0.0501
Injury_Age Under 30	1,795.68	0.0198	0.0249	0.0251	0.0230	0.0257	0.0235	0.0326	0.0161	0.0198
Injury_Mental Illness	1,455.22	0.0453	0.0606	0.0601	0.0287	0.0712	0.0454	0.0910	0.0587	0.0428
Intellectually Disabled_Bipolar	480.91	0.0620	0.0516	0.0668	0.0460	0.0709	0.0713	0.0679	0.0531	0.0724
Intellectually Disabled_Other Mental Illness	497.82	0.1704	0.1719	0.1359	0.1206	0.1920	0.1501	0.2523	0.1714	0.1836
Seizure Pre-22_Depression	196.11	0.0594	0.0618	0.0454	0.0689	0.0724	0.0556	0.0687	0.0582	0.0762
Trauma BI Post-22_Other Mental Illness	384.82	0.0313	0.0222	0.0354	0.0632	0.0152	0.0313	0.0387	0.0370	0.0261
Transfer_Equip_Mobility	644.44	0.0510	0.0395	0.0488	0.0230	0.0394	0.0448	0.0610	0.0637	0.0626
Behavioral Variables (Add-On)										
Cognition_2	180.61	0.5154	0.5163	0.4799	0.4672	0.4353	0.5200	0.4985	0.5152	0.5347
Cognition_3	918.90	0.2528	0.2945	0.3514	0.2412	0.3591	0.2611	0.3152	0.2671	0.2588
Injury_1-2	214.98	0.0929	0.0940	0.0705	0.0804	0.0919	0.1121	0.1086	0.1140	0.0856
Offensive_1-3	923.06	0.3034	0.3413	0.3344	0.2298	0.3316	0.3035	0.3991	0.3194	0.2974
Wander_2	1,983.31	0.0468	0.0356	0.0593	0.0287	0.0420	0.0454	0.0825	0.0555	0.0480
Mental Health_2	215.41	0.6752	0.6427	0.5857	0.7346	0.7147	0.6516	0.7645	0.7127	0.7036
Resistive_1	604.10	0.0799	0.0674	0.0757	0.0651	0.0625	0.0629	0.1544	0.0946	0.0783
Health Related Services (Add-On)										
Exercise	362.61	0.0954	0.0951	0.0938	0.0716	0.0759	0.0744	0.1383	0.1387	0.1200
Tube Feedings	301.96	0.0222	0.0220	0.0330	0.0172	0.0222	0.0204	0.0206	0.0203	0.0188
Respirate	258.16	0.0592	0.0572	0.0486	0.0460	0.0546	0.0533	0.0928	0.0764	0.0668
Ostomy	642.08	0.0065	0.0048	0.0082	0.0115	0.0023	0.0031	0.0069	0.0078	0.0083
Medication Administration	471.56	0.7718	0.7910	0.8085	0.7109	0.7668	0.8413	0.7960	0.7249	0.7132
Tracheostomy	3,090.80	0.0034	0.0018	0.0089	0.0000	0.0000	0.0047	0.0026	0.0074	0.0010
Reposition	587.39	0.0683	0.0657	0.0845	0.0517	0.0490	0.0652	0.0959	0.0774	0.0730
Diagnoses (Add-On)										
Intellectually Disabled	251.21	0.6061	0.6139	0.5525	0.4093	0.5855	0.5740	0.6178	0.6296	0.6364
New Variables										
Bath_Position	450.58	0.5215	0.4748	0.4535	0.5284	0.5107	0.5358	0.5833	0.5772	0.5409
Incidents										
Incidents_0	0.00	0.9617	0.9608	0.9698	0.9826	0.9639	0.9741	0.9519	0.9519	0.9562
Incidents_1	1,015.98	0.0247	0.0220	0.0234	0.0059	0.0256	0.0172	0.0292	0.0284	0.0292
Incidents_2	1,923.95	0.0071	0.0101	0.0037	0.0057	0.0082	0.0047	0.0112	0.0092	0.0052
Incidents_3+	3,691.92	0.0065	0.0071	0.0031	0.0057	0.0023	0.0039	0.0077	0.0105	0.0094
MCO/GSR Developmentally Disabled Composite			\$3,823.44	\$4,030.58	\$3,224.30	\$3,845.09	\$3,801.12	\$4,333.96	\$3,802.40	\$3,655.67
GSR Developmentally Disabled Composite			\$3,856.80	\$3,849.43	\$3,489.67	\$3,814.69	\$3,830.44	\$4,252.56	\$3,669.46	\$3,531.49
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,725.00	\$3,823.44	\$4,030.58	\$3,224.30	\$3,845.09	\$3,801.12	\$4,333.96	\$3,802.40	\$3,655.67
Final Blended Developmentally Disabled Risk Score			1.0264	1.0820	0.8656	1.0322	1.0204	1.1635	1.0208	0.9814

*The final blended composite PMPM is calculated using projected 2021 membership distributions.

Exhibit D1BI
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Developmentally Disabled

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 9)	Inclusa (GSR 10)	Inclusa (GSR 13)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	6,962.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SNF	472.83	0.3117	0.3559	0.2153	0.3720	0.0000	0.0000	0.3923	0.4017	0.2200	0.3198
Number of IADLs (Grid Component)											
IADL_1	0.00	0.0415	0.0464	0.0718	0.0200	0.0000	0.0000	0.0191	0.0134	0.0266	0.0201
IADL_2	188.85	0.1468	0.1547	0.0718	0.1289	0.0000	0.0000	0.0861	0.1073	0.0807	0.0997
IADL_3	458.11	0.2057	0.2506	0.4258	0.2020	0.0000	0.0000	0.1962	0.1897	0.2242	0.1806
IADL_4	1,156.41	0.2682	0.3780	0.2871	0.3157	0.0000	0.0000	0.3110	0.2790	0.3725	0.3290
IADL_5	1,379.30	0.3378	0.1702	0.1435	0.3335	0.0000	0.0000	0.3876	0.4105	0.2960	0.3707
Specific ADLs / Equipment Used (Add-On)											
Eating_2	209.11	0.1945	0.0774	0.2153	0.2405	0.0000	0.0000	0.2775	0.2737	0.0628	0.1596
Bathing_1	222.28	0.3868	0.4894	0.5024	0.4636	0.0000	0.0000	0.4354	0.3730	0.5112	0.4560
Bathing_2	330.54	0.3591	0.2011	0.1435	0.3527	0.0000	0.0000	0.4354	0.4481	0.3318	0.3576
Transfer_2	615.04	0.1377	0.0309	0.0000	0.1475	0.0000	0.0000	0.1914	0.1449	0.1076	0.1278
Interaction Terms (Add-On)											
Brain_Other	379.30	0.0282	0.0619	0.1435	0.0478	0.0000	0.0000	0.0335	0.0188	0.0179	0.0255
Other Federal DD_Bipolar	763.13	0.0012	0.0000	0.0000	0.0026	0.0000	0.0000	0.0096	0.0000	0.0000	0.0015
Behaviors_Autism	1,257.74	0.0518	0.0774	0.1435	0.0404	0.0000	0.0000	0.0670	0.0885	0.0359	0.0564
Injury_Age Under 30	1,795.68	0.0081	0.0464	0.0718	0.0165	0.0000	0.0000	0.0144	0.0429	0.0090	0.0183
Injury_Mental Illness	1,455.22	0.0253	0.0464	0.0718	0.0482	0.0000	0.0000	0.0335	0.0885	0.0090	0.0400
Intellectually Disabled_Bipolar	480.91	0.0464	0.0619	0.0718	0.0584	0.0000	0.0000	0.0670	0.0429	0.0179	0.0721
Intellectually Disabled_Other Mental Illness	497.82	0.1846	0.1702	0.2153	0.2066	0.0000	0.0000	0.1244	0.1959	0.1432	0.1670
Seizure Pre-22_Depression	196.11	0.0501	0.0619	0.1435	0.0783	0.0000	0.0000	0.0718	0.0671	0.0179	0.0749
Trauma BI Post-22_Other Mental Illness	384.82	0.0222	0.0686	0.0000	0.0480	0.0000	0.0000	0.0191	0.0341	0.0359	0.0247
Transfer_Equip_Mobility	644.44	0.0534	0.0155	0.0000	0.0450	0.0000	0.0000	0.0478	0.0429	0.0269	0.0479
Behavioral Variables (Add-On)											
Cognition_2	180.61	0.4482	0.3899	0.5024	0.4525	0.0000	0.0000	0.5263	0.3882	0.6595	0.4829
Cognition_3	918.90	0.2419	0.2011	0.2153	0.2335	0.0000	0.0000	0.2727	0.4642	0.0717	0.1993
Injury_1-2	214.98	0.0904	0.1011	0.0718	0.0854	0.0000	0.0000	0.1100	0.1073	0.0359	0.0783
Offensive_1-3	923.06	0.2585	0.2785	0.1435	0.3149	0.0000	0.0000	0.3062	0.3998	0.1611	0.3112
Wander_2	1,983.31	0.0504	0.0774	0.0718	0.0595	0.0000	0.0000	0.1005	0.0805	0.0269	0.0309
Mental Health_2	215.41	0.6885	0.7421	0.9282	0.7431	0.0000	0.0000	0.6746	0.7049	0.6771	0.6563
Resistive_1	604.10	0.1034	0.0309	0.0000	0.0874	0.0000	0.0000	0.1148	0.1207	0.0538	0.0714
Health Related Services (Add-On)											
Exercise	362.61	0.0916	0.0155	0.0718	0.1240	0.0000	0.0000	0.1005	0.0859	0.0628	0.0853
Tube Feedings	301.96	0.0190	0.0155	0.0000	0.0180	0.0000	0.0000	0.0287	0.0215	0.0000	0.0170
Respirate	258.16	0.0622	0.0619	0.0718	0.0746	0.0000	0.0000	0.0574	0.0510	0.0269	0.0476
Ostomy	642.08	0.0081	0.0309	0.0000	0.0052	0.0000	0.0000	0.0048	0.0134	0.0090	0.0069
Medication Administration	471.56	0.6729	0.6720	0.7177	0.7370	0.0000	0.0000	0.8373	0.8095	0.7133	0.7375
Tracheostomy	3,090.80	0.0029	0.0000	0.0000	0.0035	0.0000	0.0000	0.0048	0.0000	0.0000	0.0000
Reposition	587.39	0.0668	0.0155	0.0000	0.0656	0.0000	0.0000	0.0718	0.0510	0.0448	0.0556
Diagnoses (Add-On)											
Intellectually Disabled	251.21	0.6390	0.5652	0.3589	0.5683	0.0000	0.0000	0.5789	0.6922	0.4212	0.7194
New Variables											
Bath_Position	450.58	0.4983	0.3161	0.3541	0.5391	0.0000	0.0000	0.4785	0.5742	0.5250	0.5023
Incidents											
Incidents_0	0.00	0.9735	0.9072	1.0000	0.9538	0.0000	0.0000	0.9330	0.9624	0.9824	0.9670
Incidents_1	1,015.98	0.0167	0.0619	0.0000	0.0271	0.0000	0.0000	0.0383	0.0268	0.0176	0.0268
Incidents_2	1,923.95	0.0075	0.0309	0.0000	0.0087	0.0000	0.0000	0.0144	0.0080	0.0000	0.0039
Incidents_3+	3,691.92	0.0023	0.0000	0.0000	0.0105	0.0000	0.0000	0.0144	0.0027	0.0000	0.0023
MCO/GSR Developmentally Disabled Composite		\$3,392.95	\$3,274.32	\$3,094.18	\$3,717.72	\$0.00	\$0.00	\$3,988.77	\$4,289.37	\$2,890.94	\$3,525.34
GSR Developmentally Disabled Composite		\$3,362.66	\$3,728.81	\$3,856.80	\$3,717.72	\$3,489.67	\$3,814.69	\$3,540.11	\$3,822.25	\$3,362.66	\$3,489.67
MCO/GSR Experience Credibility Weight		100.0%	80.4%	37.3%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,392.95	\$3,363.42	\$3,572.13	\$3,717.72	\$3,489.67	\$3,814.69	\$3,988.77	\$4,289.37	\$2,890.94	\$3,525.34
Final Blended Developmentally Disabled Risk Score		0.9109	0.9029	0.9590	0.9980	0.9368	1.0241	1.0708	1.1515	0.7761	0.9464

Exhibit D1B1
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Developmentally Disabled

Variable	Statewide Estimate	LCI (GSR 10)	LCI (GSR 13)	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 14)
Intercept (Grid Component)	0.00	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	6,962.46	0.0000	0.0031	0.0000	0.0000	0.0000	0.0000	0.0029	0.0013	0.0056	0.0000
SNF	472.83	0.3370	0.3000	0.1839	0.2519	0.2560	0.3369	0.3442	0.3194	0.3877	0.2942
Number of IADLs (Grid Component)											
IADL_1	0.00	0.0066	0.0121	0.0575	0.0748	0.0351	0.0157	0.0212	0.0034	0.0112	0.0120
IADL_2	188.85	0.0790	0.0781	0.1724	0.1703	0.2072	0.0904	0.0863	0.0597	0.0842	0.1160
IADL_3	458.11	0.2042	0.1872	0.1724	0.2904	0.2510	0.1562	0.1403	0.1526	0.1404	0.2737
IADL_4	1,156.41	0.3732	0.3732	0.3793	0.3082	0.3463	0.3388	0.3732	0.3935	0.4650	0.3201
IADL_5	1,379.30	0.3370	0.3468	0.2184	0.1563	0.1605	0.3989	0.3790	0.3908	0.2991	0.2782
Specific ADLs / Equipment Used (Add-On)											
Eating_2	209.11	0.1682	0.1611	0.0920	0.0914	0.1254	0.2264	0.2443	0.2350	0.2246	0.1400
Bathing_1	222.28	0.4360	0.4512	0.5517	0.5173	0.5195	0.3989	0.4046	0.4616	0.4154	0.4597
Bathing_2	330.54	0.3862	0.3583	0.2759	0.2127	0.2508	0.4310	0.4314	0.4511	0.4274	0.3041
Transfer_2	615.04	0.1647	0.1446	0.1034	0.0831	0.0903	0.1667	0.1912	0.2201	0.2252	0.1160
Interaction Terms (Add-On)											
Brain_Other	379.30	0.0329	0.0198	0.0230	0.0208	0.0502	0.0172	0.0270	0.0219	0.0168	0.0200
Other Federal DD_Bipolar	763.13	0.0000	0.0042	0.0000	0.0042	0.0000	0.0030	0.0087	0.0009	0.0112	0.0000
Behaviors_Autism	1,257.74	0.0461	0.0428	0.0460	0.0332	0.0351	0.0455	0.0740	0.0404	0.1123	0.0480
Injury_Age Under 30	1,795.68	0.0329	0.0116	0.0345	0.0249	0.0050	0.0127	0.0222	0.0161	0.0562	0.0440
Injury_Mental Illness	1,455.22	0.0329	0.0231	0.0230	0.0208	0.0150	0.0366	0.0425	0.0312	0.0393	0.0360
Intellectually Disabled_Bipolar	480.91	0.0527	0.0482	0.0345	0.0291	0.0714	0.0831	0.0628	0.0742	0.0899	0.0400
Intellectually Disabled_Other Mental Illness	497.82	0.1622	0.1472	0.1494	0.1246	0.1605	0.1694	0.1545	0.1657	0.1235	0.1282
Seizure Pre-22_Depression	196.11	0.0659	0.0496	0.0805	0.0590	0.0552	0.0682	0.0512	0.0471	0.0562	0.0520
Trauma BI Post-22_Other Mental Illness	384.82	0.0198	0.0214	0.0690	0.0249	0.0351	0.0194	0.0222	0.0522	0.0674	0.0200
Transfer_Equip_Mobility	644.44	0.0527	0.0614	0.0230	0.0249	0.0100	0.0510	0.0560	0.0592	0.0620	0.0080
Behavioral Variables (Add-On)											
Cognition_2	180.61	0.4072	0.5574	0.4828	0.4682	0.4255	0.5268	0.4719	0.6465	0.5633	0.7985
Cognition_3	918.90	0.2569	0.1870	0.1494	0.1329	0.1354	0.2197	0.2623	0.2161	0.2134	0.1000
Injury_1-2	214.98	0.0898	0.0918	0.0920	0.0973	0.0642	0.1385	0.1284	0.0541	0.0674	0.0760
Offensive_1-3	923.06	0.3304	0.2921	0.2529	0.2178	0.2548	0.3152	0.3274	0.2248	0.2864	0.2521
Wander_2	1,983.31	0.0395	0.0250	0.0460	0.0415	0.0401	0.0440	0.0518	0.0371	0.0449	0.0341
Mental Health_2	215.41	0.7234	0.6254	0.7471	0.7420	0.7392	0.6921	0.6220	0.6563	0.7458	0.6378
Resistive_1	604.10	0.0263	0.0806	0.0345	0.0291	0.0351	0.0829	0.0908	0.0494	0.0786	0.0440
Health Related Services (Add-On)											
Exercise	362.61	0.0724	0.0996	0.0805	0.0525	0.0702	0.1083	0.1062	0.0532	0.0745	0.0600
Tube Feedings	301.96	0.0132	0.0245	0.0115	0.0083	0.0000	0.0291	0.0270	0.0259	0.0352	0.0120
Respirate	258.16	0.0760	0.0520	0.0460	0.0415	0.0301	0.0663	0.0570	0.0507	0.0447	0.0320
Ostomy	642.08	0.0066	0.0083	0.0000	0.0000	0.0050	0.0037	0.0048	0.0069	0.0056	0.0080
Medication Administration	471.56	0.7761	0.7710	0.7931	0.6284	0.6663	0.8107	0.7901	0.8476	0.8147	0.7279
Tracheostomy	3,090.80	0.0066	0.0042	0.0000	0.0042	0.0000	0.0007	0.0068	0.0030	0.0112	0.0040
Reposition	587.39	0.0790	0.0694	0.0345	0.0249	0.0100	0.0517	0.0792	0.0820	0.0620	0.0280
Diagnoses (Add-On)											
Intellectually Disabled	251.21	0.4828	0.6273	0.4483	0.4536	0.4275	0.6447	0.5683	0.6077	0.5011	0.5144
New Variables											
Bath_Position	450.58	0.4676	0.4905	0.4943	0.4272	0.4946	0.5818	0.5108	0.5620	0.4848	0.4001
Incidents											
Incidents_0	0.00	0.9473	0.9697	0.9080	0.9460	0.9248	0.9716	0.9504	0.9607	0.9103	0.9720
Incidents_1	1,015.98	0.0395	0.0208	0.0920	0.0457	0.0552	0.0164	0.0246	0.0256	0.0616	0.0160
Incidents_2	1,923.95	0.0066	0.0053	0.0000	0.0042	0.0050	0.0067	0.0077	0.0060	0.0112	0.0120
Incidents_3+	3,691.92	0.0066	0.0042	0.0000	0.0042	0.0150	0.0052	0.0173	0.0077	0.0168	0.0000
MCO/GSR Developmentally Disabled Composite		\$3,643.23	\$3,491.18	\$3,163.21	\$2,773.59	\$2,934.54	\$3,750.75	\$3,921.30	\$3,744.64	\$4,040.65	\$3,125.69
GSR Developmentally Disabled Composite		\$3,814.69	\$3,540.11	\$4,252.56	\$3,669.46	\$3,531.49	\$3,728.81	\$3,856.80	\$3,849.43	\$3,830.44	\$3,822.25
MCO/GSR Experience Credibility Weight		100.0%	100.0%	93.3%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Developmentally Disabled Composite		\$3,643.23	\$3,491.18	\$3,236.48	\$2,773.59	\$2,934.54	\$3,750.75	\$3,921.30	\$3,744.64	\$4,040.65	\$3,125.69
Final Blended Developmentally Disabled Risk Score		0.9780	0.9372	0.8689	0.7446	0.7878	1.0069	1.0527	1.0053	1.0847	0.8391

Exhibit D1BII
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
 Developmentally Disabled

Variable	Statewide Estimate	CCI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	0.00	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)									
Vent Dependent	6,962.46	0.0000	0.0288	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SNF	472.83	0.0000	0.2594	0.4793	0.3362	0.3403	0.1064	0.2764	0.3122
Number of IADLs (Grid Component)									
IADL_1	0.00	0.0000	0.0000	0.0000	0.0000	0.0063	0.0213	0.0000	0.0075
IADL_2	188.85	0.0000	0.2017	0.0165	0.0259	0.0653	0.1702	0.0835	0.1516
IADL_3	458.11	0.0000	0.2219	0.1653	0.0776	0.1470	0.1277	0.1929	0.2293
IADL_4	1,156.41	0.0000	0.1729	0.3471	0.4655	0.3077	0.3191	0.3618	0.3160
IADL_5	1,379.30	0.0000	0.4035	0.4711	0.4310	0.4737	0.3617	0.3618	0.2956
Specific ADLs / Equipment Used (Add-On)									
Eating_2	209.11	0.0000	0.2882	0.2645	0.2759	0.1960	0.2340	0.3061	0.2240
Bathing_1	222.28	0.0000	0.4813	0.3967	0.4914	0.4955	0.3404	0.3599	0.4088
Bathing_2	330.54	0.0000	0.3170	0.4628	0.4310	0.4002	0.4043	0.5844	0.3665
Transfer_2	615.04	0.0000	0.1729	0.1983	0.1983	0.1552	0.1489	0.2783	0.1908
Interaction Terms (Add-On)									
Brain_Other	379.30	0.0000	0.0576	0.0909	0.0000	0.0327	0.0000	0.0557	0.0234
Other Federal DD_Bipolar	763.13	0.0000	0.0000	0.0083	0.0000	0.0000	0.0000	0.0000	0.0000
Behaviors_Autism	1,257.74	0.0000	0.0865	0.0579	0.0776	0.0545	0.0000	0.0835	0.0535
Injury_Age Under 30	1,795.68	0.0000	0.0576	0.0248	0.0000	0.0082	0.0000	0.0557	0.0158
Injury_Mental Illness	1,455.22	0.0000	0.0576	0.0826	0.0259	0.0218	0.0000	0.0835	0.0309
Intellectually Disabled_Bipolar	480.91	0.0000	0.0288	0.0413	0.0690	0.0408	0.0426	0.0835	0.0256
Intellectually Disabled_Other Mental Illness	497.82	0.0000	0.2017	0.2066	0.2500	0.1225	0.1277	0.1113	0.0875
Seizure Pre-22_Depression	196.11	0.0000	0.0576	0.0331	0.0517	0.0653	0.0638	0.0278	0.0498
Trauma BI Post-22_Other Mental Illness	384.82	0.0000	0.0288	0.0909	0.0000	0.0163	0.0000	0.0278	0.0271
Transfer_Equip_Mobility	644.44	0.0000	0.1153	0.0579	0.1724	0.0735	0.0213	0.1670	0.0558
Behavioral Variables (Add-On)									
Cognition_2	180.61	0.0000	0.6254	0.5372	0.4397	0.6997	0.3191	0.3061	0.5750
Cognition_3	918.90	0.0000	0.2305	0.3554	0.4310	0.2124	0.1915	0.3061	0.2315
Injury_1-2	214.98	0.0000	0.0288	0.1818	0.2328	0.1062	0.1277	0.0557	0.0983
Offensive_1-3	923.06	0.0000	0.3170	0.4298	0.3103	0.3077	0.1489	0.0835	0.2687
Wander_2	1,983.31	0.0000	0.0000	0.1157	0.0517	0.0163	0.0000	0.0557	0.0430
Mental Health_2	215.41	0.0000	0.5965	0.7438	0.6638	0.6733	0.5106	0.5826	0.6275
Resistive_1	604.10	0.0000	0.1153	0.1488	0.1034	0.0898	0.0638	0.0557	0.0776
Health Related Services (Add-On)									
Exercise	362.61	0.0000	0.0865	0.1736	0.1724	0.0980	0.0638	0.1670	0.1173
Tube Feedings	301.96	0.0000	0.0288	0.0248	0.0259	0.0572	0.0000	0.0835	0.0317
Respirate	258.16	0.0000	0.0865	0.1074	0.0517	0.0653	0.0213	0.0278	0.0449
Ostomy	642.08	0.0000	0.0000	0.0083	0.0000	0.0163	0.0000	0.0000	0.0106
Medication Administration	471.56	0.0000	0.6340	0.8182	0.7414	0.7650	0.6170	0.7774	0.7195
Tracheostomy	3,090.80	0.0000	0.0288	0.0000	0.0000	0.0082	0.0000	0.0000	0.0030
Reposition	587.39	0.0000	0.1441	0.1157	0.1207	0.0898	0.0213	0.1948	0.0724
Diagnoses (Add-On)									
Intellectually Disabled	251.21	0.0000	0.6542	0.6033	0.6897	0.6406	0.6383	0.4731	0.3613
New Variables									
Bath_Position	450.58	0.0000	0.5389	0.5868	0.5345	0.5309	0.5745	0.6660	0.4605
Incidents									
Incidents_0	0.00	0.0000	1.0000	0.9339	0.9483	0.9673	1.0000	0.9722	0.9525
Incidents_1	1,015.98	0.0000	0.0000	0.0331	0.0517	0.0327	0.0000	0.0000	0.0309
Incidents_2	1,923.95	0.0000	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0090
Incidents_3+	3,691.92	0.0000	0.0000	0.0165	0.0000	0.0000	0.0000	0.0278	0.0075
MCO/GSR Developmentally Disabled Composite	\$0.00	\$0.00	\$3,890.74	\$4,693.42	\$4,268.54	\$3,715.30	\$2,767.34	\$4,018.24	\$3,381.93
GSR Developmentally Disabled Composite	\$0.00	\$3,381.93	\$3,244.47	\$4,201.48	\$4,147.98	\$4,201.48	\$3,244.47	\$4,147.98	\$3,381.93
MCO/GSR Experience Credibility Weight	0.0%	0.0%	58.9%	100.0%	62.2%	100.0%	68.6%	59.9%	100.0%
Final Blended Developmentally Disabled Composite	\$0.00	\$3,381.93	\$3,625.17	\$4,693.42	\$4,222.95	\$3,715.30	\$2,917.37	\$4,070.21	\$3,381.93
Final Blended Developmentally Disabled Risk Score		0.9079	0.9732	1.2600	1.1337	0.9974	0.7832	1.0927	0.9079

Exhibit D2BI
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	9,820.84	0.0045	0.0105	0.0054	0.0000	0.0000	0.0105	0.0099	0.0016	0.0000
SNF	675.13	0.2415	0.2664	0.2657	0.2083	0.3318	0.2300	0.2895	0.2303	0.2312
Number of IADLs (Grid Component)										
IADL_1	0.00	0.1589	0.1302	0.1002	0.1724	0.1324	0.1494	0.2219	0.2951	0.2288
IADL_2	229.00	0.2969	0.2582	0.2647	0.3823	0.2585	0.2804	0.2737	0.2481	0.3140
IADL_3	546.67	0.2037	0.1808	0.2707	0.1867	0.2192	0.2157	0.1885	0.1868	0.1664
IADL_4	903.67	0.2550	0.3613	0.2799	0.1939	0.2891	0.2533	0.2108	0.2075	0.2009
IADL_5	1,141.74	0.0855	0.0695	0.0845	0.0646	0.1009	0.1013	0.1052	0.0624	0.0899
Specific ADLs / Equipment Used (Add-On)										
Eating_2	218.66	0.0685	0.0748	0.0719	0.0575	0.0819	0.0687	0.0756	0.0540	0.0491
Bathing_2	288.82	0.3071	0.3993	0.3788	0.2370	0.3026	0.3152	0.3300	0.2305	0.2594
Toileting_1-2	291.44	0.5799	0.5278	0.6763	0.5209	0.5224	0.5697	0.5209	0.3821	0.4982
Transfer_2	840.02	0.2153	0.2399	0.2750	0.1939	0.2576	0.2380	0.2202	0.1435	0.1715
Interaction Terms (Add-On)										
Injury_Mental Illness	687.46	0.0048	0.0105	0.0036	0.0215	0.0126	0.0021	0.0099	0.0033	0.0094
Muscular_Mental Illness_Age 60 and Under	105.84	0.1088	0.0951	0.0818	0.0974	0.0931	0.0763	0.2008	0.1514	0.1319
Seizure Pre-22_Schizophrenia	739.37	0.0020	0.0026	0.0054	0.0000	0.0000	0.0000	0.0033	0.0016	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0071	0.0079	0.0045	0.0144	0.0126	0.0126	0.0099	0.0099	0.0031
Vent Dependent_Tracheostomy	1,781.80	0.0020	0.0053	0.0018	0.0000	0.0000	0.0063	0.0000	0.0016	0.0000
Transfer_Equip_Mobility	543.38	0.0577	0.0670	0.0422	0.0718	0.0567	0.0568	0.0723	0.0693	0.0879
Behavioral Variables (Add-On)										
Cognition_2-3	321.21	0.2222	0.2858	0.2314	0.2839	0.2900	0.1978	0.2347	0.1843	0.1904
Offensive_1-3	922.13	0.0588	0.0551	0.0671	0.0575	0.0756	0.0645	0.0986	0.0673	0.0471
Wander_2	425.24	0.0116	0.0131	0.0149	0.0072	0.0126	0.0147	0.0197	0.0099	0.0157
Mental Health_2	77.78	0.7828	0.7992	0.7090	0.8779	0.8622	0.7777	0.8370	0.8392	0.8225
Alcohol Drug Abuse	66.09	0.2198	0.1764	0.2304	0.1901	0.2458	0.2125	0.2362	0.2744	0.1601
Health Related Services (Add-On)										
Exercise	295.45	0.0996	0.1478	0.1375	0.0718	0.1072	0.0765	0.1216	0.0955	0.1464
Ulcer Stage 2	806.95	0.0114	0.0158	0.0108	0.0072	0.0063	0.0210	0.0197	0.0082	0.0094
Ulcer Stage 3-4	821.11	0.0154	0.0184	0.0122	0.0144	0.0063	0.0274	0.0099	0.0164	0.0188
Respirate	215.01	0.0639	0.0717	0.0697	0.0144	0.0679	0.0652	0.0789	0.0460	0.0722
Urinary	599.88	0.0279	0.0368	0.0144	0.0215	0.0315	0.0421	0.0263	0.0394	0.0471
Wound	221.59	0.0435	0.0315	0.0315	0.0144	0.0748	0.0224	0.0537	0.0575	0.0879
Tracheostomy	2,115.39	0.0060	0.0131	0.0054	0.0000	0.0063	0.0168	0.0033	0.0016	0.0000
Reposition	917.61	0.0783	0.1258	0.0728	0.0790	0.1126	0.0849	0.1216	0.0734	0.0711
Diagnoses (Add-On)										
Alzheimers	241.31	0.1006	0.1062	0.0786	0.1077	0.1765	0.0908	0.1134	0.1084	0.0911
New Variables										
Bath_Position	231.44	0.8007	0.8356	0.7526	0.8243	0.8180	0.8001	0.8460	0.8660	0.7797
Incidents										
Incidents_0	0.00	0.9752	0.9737	0.9883	0.9785	0.9937	0.9916	0.9704	0.9620	0.9686
Incidents_1	643.19	0.0203	0.0210	0.0072	0.0144	0.0000	0.0084	0.0230	0.0281	0.0314
Incidents_2+	1,608.00	0.0045	0.0053	0.0045	0.0072	0.0063	0.0000	0.0066	0.0099	0.0000
MCO/GSR Physically Disabled Composite			\$2,830.94	\$2,679.43	\$2,347.93	\$2,716.96	\$2,656.99	\$2,724.83	\$2,305.39	\$2,357.69
GSR Physically Disabled Composite			\$2,835.47	\$2,564.17	\$2,357.44	\$2,677.62	\$2,563.89	\$2,668.75	\$2,239.49	\$2,292.72
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Physically Disabled Composite		\$2,541.52	\$2,830.94	\$2,679.43	\$2,347.93	\$2,716.96	\$2,656.99	\$2,724.83	\$2,305.39	\$2,357.69
Final Blended Physically Disabled Risk Score			1.1139	1.0543	0.9238	1.0690	1.0454	1.0721	0.9071	0.9277

¹The final blended composite PMPM is calculated using projected 2021 membership distributions.

Exhibit D2BI
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 9)	Inclusa (GSR 10)	Inclusa (GSR 13)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	9,820.84	0.0077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0172	0.0000	0.0000	0.0000
SNF	675.13	0.2521	0.4000	0.3750	0.2687	0.0000	0.0000	0.2679	0.2983	0.2941	0.2167
Number of IADLs (Grid Component)											
IADL_1	0.00	0.2239	0.3000	0.2500	0.1680	0.0000	0.0000	0.1030	0.2504	0.0821	0.1983
IADL_2	229.00	0.2851	0.2333	0.1250	0.2742	0.0000	0.0000	0.3068	0.3131	0.3502	0.2741
IADL_3	546.67	0.1698	0.1667	0.1250	0.1868	0.0000	0.0000	0.1717	0.2101	0.1984	0.1855
IADL_4	903.67	0.2199	0.2333	0.1250	0.2454	0.0000	0.0000	0.3154	0.1616	0.2462	0.2495
IADL_5	1,141.74	0.1014	0.0667	0.3750	0.1256	0.0000	0.0000	0.1030	0.0648	0.1231	0.0927
Specific ADLs / Equipment Used (Add-On)											
Eating_2	218.66	0.0618	0.0667	0.0000	0.0958	0.0000	0.0000	0.0859	0.0972	0.0274	0.0409
Bathing_2	288.82	0.2702	0.2000	0.3750	0.2862	0.0000	0.0000	0.2679	0.2915	0.2604	0.2413
Toileting_1-2	291.44	0.4444	0.5000	0.6250	0.4686	0.0000	0.0000	0.6972	0.4998	0.7123	0.5391
Transfer_2	840.02	0.1709	0.1667	0.2500	0.1372	0.0000	0.0000	0.2061	0.1943	0.1240	0.1813
Interaction Terms (Add-On)											
Injury_Mental Illness	687.46	0.0058	0.0000	0.0000	0.0058	0.0000	0.0000	0.0446	0.0000	0.0000	0.0000
Muscular_Mental Illness_Age 60 and Under	105.84	0.1511	0.1667	0.1250	0.1439	0.0000	0.0000	0.1133	0.0540	0.1368	0.1227
Seizure Pre-22_Schizophrenia	739.37	0.0000	0.0000	0.0000	0.0029	0.0000	0.0000	0.0000	0.0000	0.0137	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0096	0.0000	0.0000	0.0088	0.0000	0.0000	0.0000	0.0000	0.0137	0.0055
Vent Dependent_Tracheostomy	1,781.80	0.0058	0.0000	0.0000	0.0000	0.0000	0.0000	0.0172	0.0000	0.0000	0.0000
Transfer_Equip_Mobility	543.38	0.0575	0.0667	0.0000	0.0351	0.0000	0.0000	0.0859	0.0540	0.0410	0.0600
Behavioral Variables (Add-On)											
Cognition_2-3	321.21	0.1856	0.1667	0.3750	0.2474	0.0000	0.0000	0.2164	0.1292	0.1915	0.1676
Offensive_1-3	922.13	0.0505	0.1667	0.1250	0.0840	0.0000	0.0000	0.0618	0.0540	0.0821	0.0518
Wander_2	425.24	0.0101	0.0333	0.0000	0.0146	0.0000	0.0000	0.0275	0.0216	0.0137	0.0082
Mental Health_2	77.78	0.8224	0.9333	1.0000	0.8253	0.0000	0.0000	0.6588	0.8118	0.7729	0.8159
Alcohol Drug Abuse	66.09	0.1819	0.3000	0.2500	0.3110	0.0000	0.0000	0.1820	0.1994	0.1778	0.2332
Health Related Services (Add-On)											
Exercise	295.45	0.1115	0.1000	0.0000	0.1109	0.0000	0.0000	0.2061	0.1080	0.0547	0.0585
Ulcer Stage 2	806.95	0.0154	0.0333	0.0000	0.0204	0.0000	0.0000	0.0000	0.0216	0.0137	0.0082
Ulcer Stage 3-4	821.11	0.0173	0.0667	0.0000	0.0147	0.0000	0.0000	0.0172	0.0216	0.0000	0.0055
Respirate	215.01	0.0640	0.1000	0.1250	0.0671	0.0000	0.0000	0.0687	0.0432	0.0616	0.0695
Urinary	599.88	0.0317	0.0000	0.0000	0.0350	0.0000	0.0000	0.0515	0.0000	0.0274	0.0355
Wound	221.59	0.0854	0.0667	0.0000	0.0327	0.0000	0.0000	0.0687	0.0756	0.0547	0.0558
Tracheostomy	2,115.39	0.0077	0.0000	0.0000	0.0029	0.0000	0.0000	0.0172	0.0000	0.0000	0.0055
Reposition	917.61	0.0968	0.0667	0.0000	0.0526	0.0000	0.0000	0.0859	0.0540	0.0283	0.0655
Diagnoses (Add-On)											
Alzheimers	241.31	0.0958	0.1000	0.1250	0.1373	0.0000	0.0000	0.0859	0.1126	0.0821	0.1240
New Variables											
Bath_Position	231.44	0.7919	0.8000	1.0000	0.8074	0.0000	0.0000	0.7790	0.6949	0.7264	0.8268
Incidents											
Incidents_0	0.00	0.9814	0.9000	1.0000	0.9481	0.0000	0.0000	0.9485	0.9892	0.9726	0.9727
Incidents_1	643.19	0.0154	0.1000	0.0000	0.0461	0.0000	0.0000	0.0515	0.0108	0.0137	0.0218
Incidents_2+	1,608.00	0.0033	0.0000	0.0000	0.0058	0.0000	0.0000	0.0000	0.0000	0.0137	0.0055
MCO/GSR Physically Disabled Composite		\$2,479.52	\$2,616.45	\$2,730.34	\$2,483.09	\$0.00	\$0.00	\$2,902.18	\$2,278.50	\$2,431.00	\$2,361.05
GSR Physically Disabled Composite		\$2,473.54	\$2,698.32	\$2,835.47	\$2,483.09	\$2,357.44	\$2,677.62	\$2,731.31	\$2,498.22	\$2,473.54	\$2,357.44
MCO/GSR Experience Credibility Weight		100.0%	54.8%	28.3%	100.0%	0.0%	0.0%	76.3%	96.2%	85.5%	100.0%
Final Blended Physically Disabled Composite		\$2,479.52	\$2,653.48	\$2,805.74	\$2,483.09	\$2,357.44	\$2,677.62	\$2,861.71	\$2,286.75	\$2,437.17	\$2,361.05
Final Blended Physically Disabled Risk Score		0.9756	1.0441	1.1040	0.9770	0.9276	1.0535	1.1260	0.8998	0.9589	0.9290

Exhibit D2B1
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Physically Disabled

Variable	Statewide Estimate	LCI (GSR 10)	LCI (GSR 13)	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 14)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	9,820.84	0.0112	0.0038	0.0121	0.0000	0.0000	0.0130	0.0107	0.0000	0.0000	0.0186
SNF	675.13	0.2472	0.2548	0.2159	0.1115	0.2007	0.2110	0.2114	0.2267	0.1881	0.2398
Number of IADLs (Grid Component)											
IADL_1	0.00	0.0787	0.1438	0.1862	0.3094	0.2063	0.1559	0.1245	0.0870	0.0951	0.1281
IADL_2	229.00	0.3596	0.2192	0.3257	0.3239	0.3614	0.2988	0.2495	0.3783	0.4320	0.3723
IADL_3	546.67	0.1910	0.2393	0.2413	0.1735	0.2015	0.1915	0.2058	0.1832	0.2304	0.1924
IADL_4	903.67	0.3034	0.3235	0.1624	0.1492	0.1707	0.2645	0.2848	0.2780	0.1785	0.2141
IADL_5	1,141.74	0.0674	0.0743	0.0844	0.0440	0.0601	0.0893	0.1353	0.0736	0.0640	0.0931
Specific ADLs / Equipment Used (Add-On)											
Eating_2	218.66	0.0562	0.0647	0.0724	0.0691	0.1166	0.0747	0.0962	0.0614	0.0832	0.0838
Bathing_2	288.82	0.3146	0.3509	0.3675	0.2041	0.2039	0.3138	0.4160	0.2985	0.2624	0.2792
Toileting_1-2	291.44	0.5955	0.6125	0.6208	0.5372	0.5016	0.5973	0.5973	0.7310	0.6224	0.5957
Transfer_2	840.02	0.1910	0.2469	0.2228	0.1349	0.1294	0.2499	0.2531	0.2395	0.1728	0.2606
Interaction Terms (Add-On)											
Injury_Mental Illness	687.46	0.0112	0.0000	0.0000	0.0000	0.0000	0.0065	0.0000	0.0047	0.0058	0.0000
Muscular_Mental Illness_Age 60 and Under	105.84	0.1124	0.0842	0.1086	0.1194	0.1262	0.1003	0.0755	0.0882	0.1209	0.1117
Seizure Pre-22_Schizophrenia	739.37	0.0112	0.0019	0.0000	0.0000	0.0000	0.0032	0.0000	0.0007	0.0000	0.0093
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0000	0.0019	0.0121	0.0126	0.0060	0.0130	0.0000	0.0070	0.0064	0.0000
Vent Dependent_Tracheostomy	1,781.80	0.0000	0.0019	0.0000	0.0000	0.0000	0.0032	0.0071	0.0000	0.0000	0.0000
Transfer_Equip_Mobility	543.38	0.0562	0.0819	0.0724	0.0377	0.0361	0.0844	0.0709	0.0420	0.0512	0.0652
Behavioral Variables (Add-On)											
Cognition_2-3	321.21	0.2022	0.2605	0.1383	0.1043	0.1563	0.2142	0.3061	0.2439	0.1977	0.2420
Offensive_1-3	922.13	0.0449	0.0628	0.0000	0.0126	0.0421	0.0552	0.0677	0.0472	0.0320	0.0465
Wander_2	425.24	0.0112	0.0133	0.0056	0.0000	0.0000	0.0097	0.0107	0.0085	0.0000	0.0093
Mental Health_2	77.78	0.7865	0.8100	0.8070	0.8504	0.7624	0.7871	0.8458	0.7151	0.7632	0.6671
Alcohol Drug Abuse	66.09	0.1348	0.1757	0.1745	0.2562	0.2400	0.2060	0.1952	0.2396	0.1920	0.1489
Health Related Services (Add-On)											
Exercise	295.45	0.1348	0.1066	0.0603	0.0440	0.0805	0.1396	0.1389	0.0489	0.0320	0.0745
Ulcer Stage 2	806.95	0.0000	0.0133	0.0362	0.0000	0.0180	0.0097	0.0036	0.0054	0.0128	0.0093
Ulcer Stage 3-4	821.11	0.0000	0.0133	0.0000	0.0063	0.0180	0.0195	0.0107	0.0163	0.0320	0.0258
Respirate	215.01	0.0899	0.0852	0.0844	0.0629	0.0393	0.0909	0.0712	0.0474	0.0576	0.0465
Urinary	599.88	0.0225	0.0400	0.0241	0.0172	0.0180	0.0260	0.0463	0.0124	0.0512	0.0000
Wound	221.59	0.0449	0.0476	0.0121	0.0377	0.0264	0.0292	0.0272	0.0316	0.0512	0.0465
Tracheostomy	2,115.39	0.0225	0.0038	0.0121	0.0063	0.0000	0.0130	0.0142	0.0024	0.0064	0.0093
Reposition	917.61	0.0674	0.1047	0.0483	0.0486	0.0385	0.1039	0.0819	0.0614	0.0384	0.0931
Diagnoses (Add-On)											
Alzheimers	241.31	0.0787	0.1171	0.0780	0.0415	0.1382	0.0893	0.1709	0.0800	0.0896	0.1117
New Variables											
Bath_Position	231.44	0.8539	0.8304	0.7829	0.8571	0.8087	0.8258	0.8469	0.7715	0.7415	0.7301
Incidents											
Incidents_0	0.00	1.0000	0.9695	0.9638	0.9623	0.9639	0.9854	0.9538	0.9814	0.9808	0.9348
Incidents_1	643.19	0.0000	0.0248	0.0362	0.0377	0.0240	0.0146	0.0426	0.0132	0.0192	0.0652
Incidents_2+	1,608.00	0.0000	0.0057	0.0000	0.0000	0.0120	0.0000	0.0036	0.0054	0.0000	0.0000
MCO/GSR Physically Disabled Composite		\$2,607.50	\$2,712.37	\$2,462.97	\$1,987.32	\$2,168.35	\$2,706.29	\$2,844.62	\$2,464.59	\$2,280.71	\$2,687.68
GSR Physically Disabled Composite		\$2,677.62	\$2,731.31	\$2,668.75	\$2,239.49	\$2,292.72	\$2,698.32	\$2,835.47	\$2,564.17	\$2,563.89	\$2,498.22
MCO/GSR Experience Credibility Weight		94.3%	100.0%	91.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Physically Disabled Composite		\$2,611.47	\$2,712.37	\$2,481.39	\$1,987.32	\$2,168.35	\$2,706.29	\$2,844.62	\$2,464.59	\$2,280.71	\$2,687.68
Final Blended Physically Disabled Risk Score		1.0275	1.0672	0.9763	0.7819	0.8532	1.0648	1.1193	0.9697	0.8974	1.0575

Exhibit D2Bii
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	CCI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	706.89	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)									
Vent Dependent	9,820.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0053
SNF	675.13	0.0000	0.1429	0.2373	0.0000	0.1847	0.1667	0.2468	0.3247
Number of IADLs (Grid Component)									
IADL_1	0.00	0.3333	0.1429	0.1412	0.1250	0.1435	0.2500	0.0353	0.0694
IADL_2	229.00	0.3333	0.1429	0.2260	0.5000	0.1877	0.4167	0.3878	0.3447
IADL_3	546.67	0.3333	0.1429	0.2373	0.1250	0.2690	0.0833	0.2597	0.1846
IADL_4	903.67	0.0000	0.4286	0.2542	0.1250	0.3461	0.1667	0.2820	0.2800
IADL_5	1,141.74	0.0000	0.1429	0.1412	0.1250	0.0538	0.0833	0.0353	0.1213
Specific ADLs / Equipment Used (Add-On)									
Eating_2	218.66	0.0000	0.0000	0.1130	0.0000	0.0359	0.0833	0.0705	0.1007
Bathing_2	288.82	0.0000	0.2857	0.2825	0.0000	0.3407	0.3333	0.2820	0.4467
Toileting_1-2	291.44	0.0000	0.5714	0.4802	0.3750	0.8661	0.3333	0.6122	0.7256
Transfer_2	840.02	0.0000	0.1429	0.2260	0.0000	0.2690	0.1667	0.2115	0.3255
Interaction Terms (Add-On)									
Injury_Mental Illness	687.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0111
Muscular_Mental Illness_Age 60 and Under	105.84	0.3333	0.0000	0.1243	0.0000	0.0717	0.0000	0.0000	0.1357
Seizure Pre-22_Schizophrenia	739.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Spinal Injury_Alcohol/Drug Abuse	396.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0053
Vent Dependent_Tracheostomy	1,781.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Transfer_Equip_Mobility	543.38	0.0000	0.1429	0.0565	0.0000	0.0717	0.0000	0.1058	0.0844
Behavioral Variables (Add-On)									
Cognition_2-3	321.21	0.0000	0.2857	0.2938	0.1250	0.3282	0.0833	0.1058	0.3011
Offensive_1-3	922.13	0.0000	0.2857	0.0847	0.0000	0.0054	0.0000	0.0353	0.0896
Wander_2	425.24	0.0000	0.0000	0.0282	0.0000	0.0000	0.0000	0.0000	0.0264
Mental Health_2	77.78	0.6667	0.8571	0.8023	0.7500	0.8207	0.7500	0.6475	0.7333
Alcohol Drug Abuse	66.09	0.0000	0.0000	0.2938	0.0000	0.1614	0.0833	0.2468	0.2201
Health Related Services (Add-On)									
Exercise	295.45	0.0000	0.0000	0.1977	0.0000	0.1076	0.0000	0.0705	0.1477
Ulcer Stage 2	806.95	0.0000	0.0000	0.0282	0.0000	0.0179	0.0000	0.0000	0.0053
Ulcer Stage 3-4	821.11	0.0000	0.0000	0.0000	0.0000	0.0538	0.0000	0.0000	0.0053
Respirate	215.01	0.0000	0.0000	0.1130	0.0000	0.0717	0.0000	0.0705	0.0686
Urinary	599.88	0.0000	0.0000	0.0565	0.0000	0.0359	0.1667	0.0353	0.0369
Wound	221.59	0.0000	0.0000	0.0565	0.0000	0.0359	0.0833	0.0353	0.0422
Tracheostomy	2,115.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0353	0.0105
Reposition	917.61	0.0000	0.0000	0.1412	0.0000	0.0538	0.1667	0.0353	0.1107
Diagnoses (Add-On)									
Alzheimers	241.31	0.0000	0.0000	0.1130	0.0000	0.0950	0.0833	0.0000	0.1007
New Variables									
Bath_Position	231.44	0.6667	0.8571	0.8023	0.6250	0.7436	0.9167	0.7885	0.7483
Incidents									
Incidents_0	0.00	1.0000	0.8571	0.9435	1.0000	1.0000	0.9167	0.9295	0.9789
Incidents_1	643.19	0.0000	0.0000	0.0565	0.0000	0.0000	0.0833	0.0353	0.0158
Incidents_2+	1,608.00	0.0000	0.1429	0.0000	0.0000	0.0000	0.0000	0.0353	0.0053
MCO/GSR Physically Disabled Composite		\$1,206.88	\$2,761.24	\$2,716.67	\$1,497.83	\$2,591.53	\$2,205.64	\$2,476.67	\$2,955.79
GSR Physically Disabled Composite		\$2,928.55	\$2,410.34	\$2,640.12	\$2,261.35	\$2,640.12	\$2,410.34	\$2,261.35	\$2,928.55
MCO/GSR Experience Credibility Weight		17.3%	26.5%	59.5%	28.3%	74.7%	34.6%	53.3%	100.0%
Final Blended Physically Disabled Composite		\$2,630.35	\$2,503.18	\$2,685.67	\$2,045.39	\$2,603.83	\$2,339.43	\$2,376.03	\$2,955.79
Final Blended Physically Disabled Risk Score		1.0350	0.9849	1.0567	0.8048	1.0245	0.9205	0.9349	1.1630

Exhibit D3Bi
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	Composite (Base Data)	CCI (GSR 6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)	Inclusa (GSR 2)	Inclusa (GSR 3)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)										
Vent Dependent	8,396.78	0.0010	0.0000	0.0019	0.0037	0.0016	0.0000	0.0000	0.0000	0.0000
SNF	444.91	0.2446	0.2428	0.2842	0.2225	0.2665	0.2491	0.3436	0.2528	0.2893
Number of IADLs (Grid Component)										
IADL_1	0.00	0.0629	0.0248	0.0582	0.0460	0.0438	0.0557	0.0907	0.1140	0.1327
IADL_2	304.91	0.1568	0.0915	0.1549	0.1870	0.1307	0.1465	0.1135	0.1640	0.1540
IADL_3	595.77	0.1261	0.1215	0.1463	0.1149	0.0984	0.1200	0.1110	0.1214	0.1341
IADL_4-5	967.23	0.6543	0.7623	0.6405	0.6521	0.7271	0.6778	0.6847	0.6007	0.5793
Specific ADLs / Equipment Used (Add-On)										
Bathing_1	176.85	0.4366	0.3850	0.4640	0.4696	0.4846	0.4324	0.4196	0.4057	0.4386
Bathing_2	384.15	0.5003	0.5688	0.5006	0.4534	0.4634	0.5172	0.5226	0.4833	0.4788
Toileting_1-2	287.18	0.6681	0.6472	0.7536	0.6375	0.6319	0.6415	0.6583	0.5593	0.6134
Transfer_2	672.48	0.2799	0.2912	0.3291	0.2852	0.3061	0.3018	0.2580	0.2306	0.2630
Interaction Terms (Add-On)										
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0072	0.0072	0.0064	0.0000	0.0081	0.0040	0.0053	0.0101	0.0109
Seizure Post-22_Bipolar	571.47	0.0049	0.0050	0.0027	0.0183	0.0032	0.0013	0.0039	0.0023	0.0047
Trauma BI Post-22_Anxiety	353.44	0.0082	0.0050	0.0036	0.0073	0.0081	0.0053	0.0092	0.0140	0.0078
Transfer_Equip_Mobility	783.42	0.0773	0.0852	0.0616	0.0623	0.0654	0.0761	0.0791	0.0953	0.0944
Behavioral Variables (Add-On)										
Cognition_2	180.08	0.3250	0.3585	0.2823	0.2919	0.2802	0.3435	0.3016	0.2461	0.2701
Cognition_3	213.17	0.1303	0.2090	0.1971	0.1892	0.2420	0.1478	0.1871	0.1708	0.1098
Offensive_1-3	214.43	0.0778	0.0797	0.0834	0.0623	0.0803	0.0763	0.1398	0.1042	0.0770
Wander_2	126.09	0.0339	0.0261	0.0410	0.0293	0.0410	0.0371	0.0718	0.0365	0.0296
Mental Health_2	134.99	0.6355	0.6325	0.5788	0.6382	0.6690	0.6561	0.6641	0.6991	0.6762
Alcohol Drug Abuse	145.74	0.0729	0.0537	0.0923	0.0623	0.0613	0.0763	0.0757	0.1091	0.0629
Health Related Services (Add-On)										
Dialysis	268.91	0.0185	0.0142	0.0235	0.0183	0.0081	0.0252	0.0233	0.0210	0.0312
Exercise	255.48	0.0679	0.0633	0.0988	0.0660	0.0373	0.0379	0.0824	0.1376	0.1193
Ulcer Stage 2	429.81	0.0095	0.0143	0.0106	0.0147	0.0114	0.0027	0.0112	0.0148	0.0065
Ulcer Stage 3-4	787.18	0.0061	0.0061	0.0105	0.0110	0.0081	0.0039	0.0066	0.0074	0.0078
Tracheostomy	4,178.15	0.0013	0.0008	0.0010	0.0037	0.0000	0.0000	0.0039	0.0008	0.0016
Reposition	536.07	0.0774	0.0958	0.0835	0.0501	0.0702	0.0742	0.1256	0.0887	0.0968
Diagnoses (Add-On)										
Alzheimers	144.93	0.4057	0.5063	0.3902	0.3713	0.4687	0.4520	0.4319	0.3681	0.3042
Mental Illness	164.36	0.2244	0.3275	0.1922	0.2541	0.1974	0.2760	0.2867	0.3055	0.1911
Incidents										
Incidents_0	0.00	0.9901	0.9915	0.9945	0.9963	0.9935	0.9920	0.9811	0.9871	0.9922
Incidents_1+	542.34	0.0099	0.0085	0.0055	0.0037	0.0065	0.0080	0.0189	0.0129	0.0078
MCO/GSR Frail Elderly Composite			\$2,843.24	\$2,768.37	\$2,676.51	\$2,747.02	\$2,713.26	\$2,812.73	\$2,620.69	\$2,607.35
GSR Frail Elderly Composite			\$2,861.45	\$2,671.22	\$2,683.14	\$2,724.29	\$2,748.98	\$2,755.12	\$2,572.73	\$2,531.05
MCO/GSR Experience Credibility Weight			100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,689.76	\$2,843.24	\$2,768.37	\$2,676.51	\$2,747.02	\$2,713.26	\$2,812.73	\$2,620.69	\$2,607.35
Final Blended Frail Elderly Implied Risk Score			1.0571	1.0292	0.9951	1.0213	1.0087	1.0457	0.9743	0.9694

**The final blended composite PMPM is calculated using projected 2021 membership distributions.*

Exhibit D3Bi
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 6)	Inclusa (GSR 7)	Inclusa (GSR 9)	Inclusa (GSR 10)	Inclusa (GSR 13)	Inclusa (GSR 14)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	0.0000	0.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	8,396.78	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0062	0.0000	0.0012
SNF	444.91	0.2630	0.1920	0.3509	0.2783	0.0000	0.0000	0.2192	0.2686	0.1970	0.2343
Number of IADLs (Grid Component)											
IADL_1	0.00	0.0835	0.0733	0.1316	0.0841	0.0000	0.0000	0.1553	0.1167	0.0176	0.0558
IADL_2	304.91	0.1660	0.1163	0.1316	0.1435	0.0000	0.0000	0.2574	0.1609	0.1163	0.1130
IADL_3	595.77	0.1291	0.1466	0.1316	0.1524	0.0000	0.0000	0.1450	0.1458	0.1230	0.1113
IADL_4-5	967.23	0.6213	0.6639	0.6053	0.6201	0.0000	0.0000	0.4423	0.5765	0.7431	0.7198
Specific ADLs / Equipment Used (Add-On)											
Bathing_1	176.85	0.3487	0.3815	0.3289	0.4074	0.0000	0.0000	0.4989	0.3715	0.3636	0.4034
Bathing_2	384.15	0.5441	0.5550	0.4956	0.5024	0.0000	0.0000	0.4204	0.5507	0.5766	0.4826
Toileting_1-2	287.18	0.6174	0.6873	0.6053	0.5838	0.0000	0.0000	0.6778	0.5965	0.7329	0.5990
Transfer_2	672.48	0.2626	0.2633	0.1316	0.2318	0.0000	0.0000	0.2192	0.2908	0.1972	0.2606
Interaction Terms (Add-On)											
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0029	0.0147	0.0000	0.0066	0.0000	0.0000	0.0129	0.0000	0.0000	0.0107
Seizure Post-22_Bipolar	571.47	0.0039	0.0000	0.0000	0.0011	0.0000	0.0000	0.0129	0.0062	0.0000	0.0083
Trauma BI Post-22_Anxiety	353.44	0.0078	0.0147	0.0000	0.0069	0.0000	0.0000	0.0000	0.0124	0.0106	0.0071
Transfer_Equip_Mobility	783.42	0.0902	0.0440	0.0000	0.0644	0.0000	0.0000	0.0515	0.0804	0.0387	0.0858
Behavioral Variables (Add-On)											
Cognition_2	180.08	0.2878	0.2213	0.3202	0.2854	0.0000	0.0000	0.2789	0.2694	0.4642	0.3190
Cognition_3	213.17	0.1512	0.2325	0.2851	0.1466	0.0000	0.0000	0.0862	0.1733	0.0492	0.1109
Offensive_1-3	214.43	0.0922	0.1172	0.1974	0.1241	0.0000	0.0000	0.0644	0.0619	0.0457	0.0738
Wander_2	126.09	0.0443	0.0733	0.0439	0.0688	0.0000	0.0000	0.0347	0.0542	0.0352	0.0219
Mental Health_2	134.99	0.6860	0.5618	0.7368	0.6291	0.0000	0.0000	0.6508	0.6599	0.5220	0.6570
Alcohol Drug Abuse	145.74	0.0636	0.0733	0.0439	0.0879	0.0000	0.0000	0.0386	0.0309	0.0352	0.0760
Health Related Services (Add-On)											
Dialysis	268.91	0.0195	0.0147	0.0000	0.0143	0.0000	0.0000	0.0129	0.0062	0.0070	0.0119
Exercise	255.48	0.0537	0.0586	0.0439	0.0881	0.0000	0.0000	0.0386	0.0557	0.0176	0.0522
Ulcer Stage 2	429.81	0.0059	0.0000	0.0000	0.0187	0.0000	0.0000	0.0000	0.0116	0.0070	0.0047
Ulcer Stage 3-4	787.18	0.0083	0.0000	0.0000	0.0043	0.0000	0.0000	0.0000	0.0062	0.0000	0.0036
Tracheostomy	4,178.15	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000	0.0000	0.0062	0.0000	0.0000
Reposition	536.07	0.0949	0.0440	0.0000	0.0607	0.0000	0.0000	0.1030	0.0990	0.0246	0.0677
Diagnoses (Add-On)											
Alzheimers	144.93	0.3548	0.4836	0.6491	0.4116	0.0000	0.0000	0.2617	0.3490	0.3889	0.4338
Mental Illness	164.36	0.2231	0.1466	0.2193	0.2014	0.0000	0.0000	0.1544	0.1671	0.2533	0.3334
Incidents											
Incidents_0	0.00	0.9873	0.9853	1.0000	0.9934	0.0000	0.0000	0.9743	0.9752	0.9965	0.9964
Incidents_1+	542.34	0.0127	0.0147	0.0000	0.0066	0.0000	0.0000	0.0257	0.0248	0.0035	0.0036
MCO/GSR Frail Elderly Composite		\$2,663.28	\$2,620.37	\$2,499.21	\$2,604.46	\$0.00	\$0.00	\$2,375.45	\$2,690.22	\$2,599.33	\$2,685.29
GSR Frail Elderly Composite		\$2,649.38	\$2,732.68	\$2,861.45	\$2,604.46	\$2,683.14	\$2,724.29	\$2,715.77	\$2,538.22	\$2,649.38	\$2,683.14
MCO/GSR Experience Credibility Weight		100.0%	82.6%	47.7%	100.0%	0.0%	0.0%	88.1%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,663.28	\$2,639.91	\$2,688.49	\$2,604.46	\$2,683.14	\$2,724.29	\$2,415.78	\$2,690.22	\$2,599.33	\$2,685.29
Final Blended Frail Elderly Implied Risk Score		0.9902	0.9815	0.9995	0.9683	0.9975	1.0128	0.8981	1.0002	0.9664	0.9983

Exhibit D3Bi
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Base Cohort MCO/GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	LCI (GSR 10)	LCI (GSR 13)	MCW (GSR 1 - Non-Expansion Counties)	MCW (GSR 2)	MCW (GSR 3)	MCW (GSR 5 - Non-Expansion Counties)	MCW (GSR 6)	MCW (GSR 8)	MCW (GSR 11)	MCW (GSR 14)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)											
Vent Dependent	8,396.78	0.0000	0.0017	0.0000	0.0000	0.0000	0.0025	0.0021	0.0009	0.0000	0.0000
SNF	444.91	0.2181	0.2388	0.1891	0.2153	0.1576	0.2112	0.2056	0.2282	0.3039	0.1338
Number of IADLs (Grid Component)											
IADL_1	0.00	0.0299	0.0499	0.0904	0.1609	0.1086	0.0538	0.0314	0.0419	0.0288	0.0408
IADL_2	304.91	0.0897	0.1146	0.1695	0.2281	0.2008	0.1529	0.1063	0.2230	0.1834	0.2354
IADL_3	595.77	0.1531	0.1169	0.1400	0.1341	0.1550	0.1271	0.1045	0.1269	0.1304	0.1514
IADL_4-5	967.23	0.7274	0.7185	0.6001	0.4769	0.5355	0.6662	0.7578	0.6082	0.6573	0.5724
Specific ADLs / Equipment Used (Add-On)											
Bathing_1	176.85	0.4045	0.4184	0.4304	0.5206	0.5292	0.3697	0.3066	0.5403	0.4502	0.5329
Bathing_2	384.15	0.5208	0.5104	0.5150	0.3912	0.4030	0.5669	0.6445	0.4329	0.5382	0.3820
Toileting_1-2	287.18	0.6247	0.6534	0.6821	0.5899	0.6124	0.7247	0.7355	0.7516	0.7580	0.6303
Transfer_2	672.48	0.2971	0.2690	0.2652	0.1902	0.2255	0.3178	0.3780	0.2863	0.3901	0.2135
Interaction Terms (Add-On)											
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0000	0.0067	0.0126	0.0000	0.0098	0.0075	0.0057	0.0098	0.0058	0.0000
Seizure Post-22_Bipolar	571.47	0.0037	0.0067	0.0000	0.0039	0.0033	0.0013	0.0021	0.0089	0.0058	0.0047
Trauma BI Post-22_Anxiety	353.44	0.0000	0.0075	0.0042	0.0196	0.0033	0.0075	0.0117	0.0092	0.0211	0.0047
Transfer_Equip_Mobility	783.42	0.0585	0.0795	0.0838	0.0706	0.0576	0.0821	0.1144	0.0648	0.1176	0.0759
Behavioral Variables (Add-On)											
Cognition_2	180.08	0.3108	0.3765	0.3238	0.2676	0.2690	0.3770	0.3635	0.3583	0.4212	0.3622
Cognition_3	213.17	0.1046	0.1003	0.0755	0.0785	0.0926	0.0809	0.1228	0.0712	0.0749	0.0533
Offensive_1-3	214.43	0.0780	0.0756	0.0677	0.0746	0.0666	0.0796	0.0536	0.0528	0.0634	0.0237
Wander_2	126.09	0.0411	0.0322	0.0311	0.0196	0.0243	0.0384	0.0234	0.0193	0.0173	0.0106
Mental Health_2	134.99	0.6122	0.6141	0.5736	0.6345	0.5684	0.6458	0.6340	0.6146	0.6704	0.6014
Alcohol Drug Abuse	145.74	0.0299	0.0601	0.0694	0.0705	0.0748	0.0614	0.0510	0.0853	0.0980	0.0285
Health Related Services (Add-On)											
Dialysis	268.91	0.0149	0.0152	0.0252	0.0039	0.0098	0.0123	0.0080	0.0252	0.0346	0.0172
Exercise	255.48	0.0560	0.0639	0.0628	0.0353	0.0916	0.0854	0.0794	0.0408	0.0576	0.0190
Ulcer Stage 2	429.81	0.0075	0.0121	0.0210	0.0039	0.0065	0.0038	0.0073	0.0085	0.0115	0.0000
Ulcer Stage 3-4	787.18	0.0037	0.0033	0.0084	0.0039	0.0065	0.0084	0.0053	0.0055	0.0058	0.0047
Tracheostomy	4,178.15	0.0000	0.0025	0.0000	0.0000	0.0000	0.0000	0.0011	0.0023	0.0000	0.0047
Reposition	536.07	0.0486	0.0647	0.0748	0.0459	0.0163	0.0765	0.0791	0.0741	0.1293	0.0475
Diagnoses (Add-On)											
Alzheimers	144.93	0.3614	0.4066	0.4050	0.3257	0.3486	0.3992	0.4922	0.3865	0.4385	0.3966
Mental Illness	164.36	0.2869	0.3339	0.0881	0.1591	0.1186	0.1831	0.1312	0.1643	0.1343	0.0930
Incidents											
Incidents_0	0.00	0.9963	0.9908	0.9916	0.9765	0.9967	0.9912	0.9842	0.9896	0.9769	0.9953
Incidents_1+	542.34	0.0037	0.0092	0.0084	0.0235	0.0033	0.0088	0.0158	0.0104	0.0231	0.0047
MCO/GSR Frail Elderly Composite		\$2,671.98	\$2,737.79	\$2,571.25	\$2,330.43	\$2,371.85	\$2,742.29	\$2,893.23	\$2,640.44	\$2,904.20	\$2,421.65
GSR Frail Elderly Composite		\$2,724.29	\$2,715.77	\$2,755.12	\$2,572.73	\$2,531.05	\$2,732.68	\$2,861.45	\$2,671.22	\$2,748.98	\$2,538.22
MCO/GSR Experience Credibility Weight		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Final Blended Frail Elderly Composite		\$2,671.98	\$2,737.79	\$2,571.25	\$2,330.43	\$2,371.85	\$2,742.29	\$2,893.23	\$2,640.44	\$2,904.20	\$2,421.65
Final Blended Frail Elderly Implied Risk Score		0.9934	1.0179	0.9559	0.8664	0.8818	1.0195	1.0756	0.9817	1.0797	0.9003

Exhibit D3Bii
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 June 2020 Expansion Cohort MCO/GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	CCI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCW (GSR 1 - Expansion Counties)	MCW (GSR 5 - Expansion Counties)	MCW (GSR 12)
Intercept (Grid Component)	714.83	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
DD/NH Level of Care (Grid Component)									
Vent Dependent	8,396.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SNF	444.91	0.0000	0.2963	0.4162	0.1111	0.2240	0.1744	0.2283	0.3091
Number of IADLs (Grid Component)									
IADL_1	0.00	0.0000	0.1111	0.0313	0.1667	0.0363	0.1090	0.0457	0.0260
IADL_2	304.91	1.0000	0.1111	0.1460	0.2222	0.1879	0.1744	0.1126	0.1711
IADL_3	595.77	0.0000	0.1481	0.1004	0.2778	0.0915	0.1308	0.2283	0.0905
IADL_4-5	967.23	0.0000	0.6296	0.7222	0.3333	0.6843	0.5858	0.6134	0.7124
Specific ADLs / Equipment Used (Add-On)									
Bathing_1	176.85	1.0000	0.5185	0.2705	0.6667	0.3463	0.3583	0.2496	0.3277
Bathing_2	384.15	0.0000	0.3704	0.6565	0.2222	0.5792	0.5545	0.6819	0.5673
Toileting_1-2	287.18	1.0000	0.5926	0.6264	0.5556	0.8327	0.5981	0.8189	0.7130
Transfer_2	672.48	0.0000	0.1852	0.2522	0.1667	0.2115	0.2057	0.3196	0.3467
Interaction Terms (Add-On)									
Seizure Post-22_Alcohol/Drug Abuse	377.66	0.0000	0.0000	0.0000	0.0000	0.0075	0.0000	0.0457	0.0133
Seizure Post-22_Bipolar	571.47	0.0000	0.0000	0.0000	0.0000	0.0075	0.0218	0.0000	0.0080
Trauma BI Post-22_Anxiety	353.44	0.0000	0.0000	0.0091	0.0556	0.0000	0.0000	0.0228	0.0027
Transfer_Equip_Mobility	783.42	0.0000	0.1111	0.0548	0.0556	0.0224	0.0872	0.0913	0.0739
Behavioral Variables (Add-On)									
Cognition_2	180.08	0.0000	0.4444	0.2796	0.2778	0.5073	0.3801	0.3166	0.4099
Cognition_3	213.17	0.0000	0.0370	0.2714	0.0000	0.0224	0.0218	0.0457	0.1327
Offensive_1-3	214.43	0.0000	0.1852	0.1789	0.1111	0.0616	0.0654	0.0228	0.1140
Wander_2	126.09	0.0000	0.0741	0.0888	0.0000	0.0298	0.0218	0.0228	0.0480
Mental Health_2	134.99	1.0000	0.4815	0.6173	0.7222	0.5382	0.6759	0.4977	0.6602
Alcohol Drug Abuse	145.74	0.0000	0.0000	0.1083	0.0556	0.0820	0.0218	0.1370	0.0983
Health Related Services (Add-On)									
Dialysis	268.91	0.0000	0.0370	0.0183	0.0000	0.0075	0.0218	0.0228	0.0426
Exercise	255.48	0.0000	0.1852	0.1278	0.0556	0.0298	0.0218	0.0457	0.0799
Ulcer Stage 2	429.81	0.0000	0.0370	0.0274	0.0000	0.0149	0.0218	0.0000	0.0080
Ulcer Stage 3-4	787.18	0.0000	0.0370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0027
Tracheostomy	4,178.15	0.0000	0.0000	0.0091	0.0000	0.0000	0.0000	0.0000	0.0000
Reposition	536.07	0.0000	0.1481	0.1360	0.0000	0.0075	0.0218	0.1142	0.0766
Diagnoses (Add-On)									
Alzheimers	144.93	0.0000	0.4074	0.4414	0.3333	0.4551	0.3677	0.2709	0.4619
Mental Illness	164.36	0.0000	0.2593	0.2364	0.1667	0.2709	0.1526	0.1370	0.1276
Incidents									
Incidents_0	0.00	1.0000	1.0000	1.0000	0.9444	0.9851	1.0000	1.0000	0.9894
Incidents_1+	542.34	0.0000	0.0000	0.0000	0.0556	0.0149	0.0000	0.0000	0.0106
MCO/GSR Frail Elderly Composite		\$1,618.76	\$2,678.93	\$2,918.62	\$2,157.44	\$2,614.21	\$2,452.49	\$2,735.58	\$2,837.90
GSR Frail Elderly Composite		\$2,836.93	\$2,536.40	\$2,751.09	\$2,567.19	\$2,751.09	\$2,536.40	\$2,567.19	\$2,836.93
MCO/GSR Experience Credibility Weight		5.5%	52.0%	100.0%	42.4%	100.0%	67.7%	66.2%	100.0%
Final Blended Frail Elderly Composite		\$2,770.21	\$2,610.46	\$2,918.62	\$2,393.35	\$2,614.21	\$2,479.57	\$2,678.63	\$2,837.90
Final Blended Frail Elderly Implied Risk Score		1.0299	0.9705	1.0851	0.8898	0.9719	0.9219	0.9959	1.0551

Exhibit E1
 Wisconsin Department of Health Services
 CY 2021 Family Care Draft Capitation Rate Development
 Development of Service Portion of LTC Rate
 Nursing Home Level of Care

Base Cohort DD Development	(A)	(B)	(C) = (A) x (B)	
	2021 Exposure Months	MCO/GSR Specific Base Rate Development		
		DD Base Cohort Costs	Risk Score - June 2020 Enrollment	MCO/GSR Specific Risk Adjusted Rate
CCI (GSR 6)	20,361	\$3,747.84	1.0264	\$3,846.88
CCI (GSR 8)	16,613	3,747.84	1.0820	4,055.29
CCI (GSR 9)	2,328	3,747.84	0.8656	3,244.07
CCI (GSR 10)	10,478	3,747.84	1.0322	3,868.66
CCI (GSR 11)	15,605	3,747.84	1.0204	3,824.43
Inclusa (GSR 1 - Non-Expansion Counties)	13,995	3,747.84	1.1635	4,360.54
Inclusa (GSR 2)	19,535	3,747.84	1.0208	3,825.71
Inclusa (GSR 3)	11,627	3,747.84	0.9814	3,678.08
Inclusa (GSR 4 - Non-Expansion Counties)	20,957	3,747.84	0.9109	3,413.75
Inclusa (GSR 5 - Non-Expansion Counties)	844	3,747.84	0.9029	3,384.04
Inclusa (GSR 6)	620	3,747.84	0.9590	3,594.04
Inclusa (GSR 7)	14,349	3,747.84	0.9980	3,740.52
Inclusa (GSR 9)	-	3,747.84	0.9368	3,511.07
Inclusa (GSR 10)	-	3,747.84	1.0241	3,838.08
Inclusa (GSR 13)	2,872	3,747.84	1.0708	4,013.23
Inclusa (GSR 14)	4,724	3,747.84	1.1515	4,315.68
LCI (GSR 4 - Non-Expansion Counties)	1,553	3,747.84	0.7761	2,908.67
LCI (GSR 9)	15,829	3,747.84	0.9464	3,546.96
LCI (GSR 10)	2,116	3,747.84	0.9780	3,665.57
LCI (GSR 13)	23,827	3,747.84	0.9372	3,512.59
MCW (GSR 1 - Non-Expansion Counties)	1,142	3,747.84	0.8689	3,256.32
MCW (GSR 2)	3,101	3,747.84	0.7446	2,790.60
MCW (GSR 3)	2,842	3,747.84	0.7878	2,952.53
MCW (GSR 5 - Non-Expansion Counties)	16,155	3,747.84	1.0069	3,773.75
MCW (GSR 6)	12,667	3,747.84	1.0527	3,945.35
MCW (GSR 8)	28,385	3,747.84	1.0053	3,767.61
MCW (GSR 11)	2,634	3,747.84	1.0847	4,065.43
MCW (GSR 14)	3,146	3,747.84	0.8391	3,144.85
Total DD Base Cohort	268,306	\$3,747.84	1.0000	\$3,747.84

Expansion Cohort DD Development	2021 Exposure Months	MCO/GSR Specific Expansion Rate Development		
		DD Expansion Cohort Costs	Risk Score - June 2020 Enrollment	MCO/GSR Specific Risk Adjusted Rate
	CCI (GSR 12)	356	\$3,747.84	0.9079
Inclusa (GSR 1 Expansion - Taylor)	436	3,747.84	0.9732	3,647.40
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,578	3,747.84	1.2600	4,722.20
Inclusa (GSR 5 Expansion - Adams)	553	3,747.84	1.1337	4,248.84
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,648	3,747.84	0.9974	3,738.09
MCW (GSR 1 Expansion - Taylor)	611	3,747.84	0.7832	2,935.26
MCW (GSR 5 Expansion - Adams)	466	3,747.84	1.0927	4,095.17
MCW (GSR 12)	7,724	3,747.84	0.9079	3,402.66
Total DD Expansion Cohort	13,371	\$3,747.84	0.9727	\$3,645.44
Total DD Population	281,677	\$3,747.84	0.9987	\$3,742.98

Base Cohort PD Development	2021 Exposure Months	MCO/GSR Specific Base Rate Development		
		PD Base Cohort Costs	Risk Score - June 2020 Enrollment	MCO/GSR Specific Risk Adjusted Rate
	CCI (GSR 6)	4,629	\$2,540.65	1.1139
CCI (GSR 8)	13,915	2,540.65	1.0543	2,678.51
CCI (GSR 9)	1,804	2,540.65	0.9238	2,347.12
CCI (GSR 10)	1,994	2,540.65	1.0690	2,716.02
CCI (GSR 11)	5,990	2,540.65	1.0454	2,656.08
Inclusa (GSR 1 - Non-Expansion Counties)	3,896	2,540.65	1.0721	2,723.89
Inclusa (GSR 2)	7,618	2,540.65	0.9071	2,304.59
Inclusa (GSR 3)	4,001	2,540.65	0.9277	2,356.88
Inclusa (GSR 4 - Non-Expansion Counties)	6,472	2,540.65	0.9756	2,478.67
Inclusa (GSR 5 - Non-Expansion Counties)	438	2,540.65	1.0441	2,652.57
Inclusa (GSR 6)	210	2,540.65	1.1040	2,804.77
Inclusa (GSR 7)	4,353	2,540.65	0.9770	2,482.24
Inclusa (GSR 9)	-	2,540.65	0.9276	2,356.63
Inclusa (GSR 10)	-	2,540.65	1.0535	2,676.70
Inclusa (GSR 13)	807	2,540.65	1.1260	2,860.72
Inclusa (GSR 14)	1,265	2,540.65	0.8998	2,285.96
LCI (GSR 4 - Non-Expansion Counties)	928	2,540.65	0.9589	2,436.33
LCI (GSR 9)	4,535	2,540.65	0.9290	2,360.24
LCI (GSR 10)	1,117	2,540.65	1.0275	2,610.57
LCI (GSR 13)	7,047	2,540.65	1.0672	2,711.44
MCW (GSR 1 - Non-Expansion Counties)	1,036	2,540.65	0.9763	2,480.54
MCW (GSR 2)	2,029	2,540.65	0.7819	1,986.64
MCW (GSR 3)	2,143	2,540.65	0.8532	2,167.61
MCW (GSR 5 - Non-Expansion Counties)	3,861	2,540.65	1.0648	2,705.36
MCW (GSR 6)	3,585	2,540.65	1.1193	2,843.64
MCW (GSR 8)	16,376	2,540.65	0.9697	2,463.74
MCW (GSR 11)	2,148	2,540.65	0.8974	2,279.93
MCW (GSR 14)	1,374	2,540.65	1.0575	2,686.76
Total PD Base Cohort	103,570	\$2,540.65	1.0000	\$2,540.65

Expansion Cohort PD Development	2021 Exposure Months	MCO/GSR Specific Expansion Rate Development		
		PD Expansion Cohort Costs	Risk Score - June 2020 Enrollment	MCO/GSR Specific Risk Adjusted Rate
	CCI (GSR 12)	364	\$2,540.65	1.0350
Inclusa (GSR 1 Expansion - Taylor)	96	2,540.65	0.9849	2,502.32
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	505	2,540.65	1.0567	2,684.74
Inclusa (GSR 5 Expansion - Adams)	125	2,540.65	0.8048	2,044.69
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	769	2,540.65	1.0245	2,602.94
MCW (GSR 1 Expansion - Taylor)	154	2,540.65	0.9205	2,338.63
MCW (GSR 5 Expansion - Adams)	386	2,540.65	0.9349	2,375.22
MCW (GSR 12)	2,392	2,540.65	1.1630	2,954.77
Total PD Expansion Cohort	4,791	\$2,540.65	1.0808	\$2,745.84
Total PD Population	108,360	\$2,540.65	1.0036	\$2,549.72

Projection to CY 2021											Projected Per Capita Monthly Costs
2021 DD Adjustment Factors											
Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase	DME Adjustment			
0.9718	0.99555	1.0486	1.0321	1.0000	1.0012	1.0002	1.0175	0.9995			\$4,101.63
0.9718	0.99555	1.0486	0.9995	1.0000	1.0027	1.0002	1.0175	0.9995			4,193.93
0.9718	0.99555	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			3,276.30
0.9718	0.99555	1.0486	0.9775	1.0000	1.0011	1.0002	1.0175	0.9995			3,905.94
0.9718	0.99555	1.0486	1.0321	1.0000	1.0013	1.0002	1.0175	0.9995			4,078.29
0.9718	0.99555	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			4,403.99
0.9718	0.99555	1.0486	0.9626	1.0000	1.0018	1.0002	1.0175	0.9995			3,806.85
0.9718	0.99555	1.0486	0.9626	1.0000	1.0021	1.0002	1.0175	0.9995			3,660.86
0.9718	0.99555	1.0486	0.9775	1.0000	1.0007	1.0002	1.0175	0.9995			3,445.36
0.9718	0.99555	1.0486	0.9626	1.0000	1.0012	1.0002	1.0175	0.9995			3,365.13
0.9718	0.99555	1.0486	1.0321	1.0000	1.0012	1.0002	1.0175	0.9995			3,832.04
0.9718	0.99555	1.0486	0.9775	1.0000	1.0013	1.0002	1.0175	0.9995			3,777.34
0.9718	0.99555	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			3,545.95
0.9718	0.99555	1.0486	0.9775	1.0000	1.0011	1.0002	1.0175	0.9995			3,875.07
0.9718	0.99555	1.0486	1.0557	1.0000	1.0011	1.0002	1.0175	0.9995			4,376.35
0.9718	0.99555	1.0486	1.0875	1.0000	1.0005	1.0002	1.0175	0.9995			4,845.05
0.9718	0.99555	1.0486	0.9775	1.0000	1.0007	1.0002	1.0175	0.9995			2,935.60
0.9718	0.99555	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			3,582.19
0.9718	0.99555	1.0486	1.0557	1.0000	1.0011	1.0002	1.0175	0.9995			3,700.89
0.9718	0.99555	1.0486	0.9775	1.0000	1.0011	1.0002	1.0175	0.9995			3,830.41
0.9718	0.99555	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			3,288.77
0.9718	0.99555	1.0486	0.9626	1.0000	1.0018	1.0002	1.0175	0.9995			2,776.84
0.9718	0.99555	1.0486	0.9626	1.0000	1.0021	1.0002	1.0175	0.9995			2,938.71
0.9718	0.99555	1.0486	0.9626	1.0000	1.0012	1.0002	1.0175	0.9995			3,752.66
0.9718	0.99555	1.0486	1.0321	1.0000	1.0012	1.0002	1.0175	0.9995			4,206.62
0.9718	0.99555	1.0486	0.9995	1.0000	1.0027	1.0002	1.0175	0.9995			3,896.41
0.9718	0.99555	1.0486	1.0321	1.0000	1.0013	1.0002	1.0175	0.9995			4,335.28
0.9718	0.99555	1.0486	1.0875	1.0000	1.0005	1.0002	1.0175	0.9995			5,530.61
0.9718	0.99555	1.0486	1.0000	1.0000	1.0015	1.0002	1.0175	0.9995			\$3,872.98

Projection to CY 2021											Projected Per Capita Monthly Costs
2021 DD Adjustment Factors											
Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase	DME Adjustment			
0.9718	0.9956	1.0486	1.0320	1.2442	1.0003	1.0002	1.0087	0.9995			\$4,471.07
0.9718	0.9956	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			3,683.74
0.9718	0.9956	1.0486	0.9775	1.0000	1.0007	1.0002	1.0175	0.9995			4,765.92
0.9718	0.9956	1.0486	0.9626	1.0000	1.0012	1.0002	1.0175	0.9995			4,225.10
0.9718	0.9956	1.0486	0.9775	1.0000	1.0007	1.0002	1.0175	0.9995			3,772.70
0.9718	0.9956	1.0486	0.9775	1.0000	1.0014	1.0002	1.0175	0.9995			2,964.51
0.9718	0.9956	1.0486	0.9626	1.0000	1.0012	1.0002	1.0175	0.9995			4,072.28
0.9718	0.9956	1.0486	1.0320	1.2442	1.0003	1.0002	1.0087	0.9995			4,471.07
0.9718	0.9956	1.0486	1.0069	1.1412	1.0005	1.0002	1.0120	0.9995			\$4,301.23
0.9718	0.9956	1.0486	1.0003	1.0066	1.0015	1.0002	1.0172	0.9995			\$3,893.30

Base Cohort PD Development	2021 Exposure Months	MCO/GSR Specific Base Rate Development			Projection to CY 2021										
		PD Base Cohort Costs	Risk Score - June 2020 Enrollment	MCO/GSR Specific Risk Adjusted Rate	2021 PD Adjustment Factors										
	Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase	DME Adjustment						
0.9891	0.9978	1.0282	1.0324	1.0000	1.0062	1.0006	1.0140	0.9984			\$3,021.82				
0.9891	0.9978	1.0282	0.9998	1.0000	1.0052	1.0006	1.0140	0.9984			2,767.10				
0.9891	0.9978	1.0282	0.9777	1.0000	1.0078	1.0006	1.0140	0.9984			2,377.35				
0.9891	0.9978	1.0282	0.9777	1.0000	1.0069	1.0006	1.0140	0.9984			2,748.49				
0.9891	0.9978	1.0282	1.0324	1.0000	1.0061	1.0006	1.0140	0.9984			2,835.84				
0.9891	0.9978	1.0282	0.9777	1.0000	1.0076	1									

Exhibit E1
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

Base Cohort FE Development	2021 Exposure Months	(A) MCO/GSR Specific Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	(C) = (A) x (B)
		(B) Regression Results			
		FE Base Cohort Costs	Risk Score - June 2020 Enrollment		
CCI (GSR 6)	14,524	\$2,674.40	1.0571	\$2,827.01	
CCI (GSR 8)	14,532	2,674.40	1.0292	2,752.57	
CCI (GSR 9)	3,457	2,674.40	0.9951	2,661.23	
CCI (GSR 10)	7,450	2,674.40	1.0213	2,731.33	
CCI (GSR 11)	9,320	2,674.40	1.0087	2,697.76	
Inclusa (GSR 1 - Non-Expansion Counties)	9,212	2,674.40	1.0457	2,796.67	
Inclusa (GSR 2)	15,545	2,674.40	0.9743	2,605.73	
Inclusa (GSR 3)	7,935	2,674.40	0.9694	2,592.46	
Inclusa (GSR 4 - Non-Expansion Counties)	12,343	2,674.40	0.9902	2,648.07	
Inclusa (GSR 5 - Non-Expansion Counties)	923	2,674.40	0.9815	2,624.84	
Inclusa (GSR 6)	643	2,674.40	0.9995	2,673.13	
Inclusa (GSR 7)	11,401	2,674.40	0.9683	2,589.59	
Inclusa (GSR 9)	-	2,674.40	0.9975	2,667.82	
Inclusa (GSR 10)	-	2,674.40	1.0128	2,708.73	
Inclusa (GSR 13)	1,160	2,674.40	0.8981	2,401.99	
Inclusa (GSR 14)	1,972	2,674.40	1.0002	2,674.86	
LCI (GSR 4 - Non-Expansion Counties)	3,426	2,674.40	0.9664	2,584.49	
LCI (GSR 9)	10,184	2,674.40	0.9983	2,669.95	
LCI (GSR 10)	3,405	2,674.40	0.9934	2,656.72	
LCI (GSR 13)	15,113	2,674.40	1.0179	2,722.16	
MCW (GSR 1 - Non-Expansion Counties)	2,909	2,674.40	0.9559	2,556.57	
MCW (GSR 2)	3,216	2,674.40	0.8664	2,317.12	
MCW (GSR 3)	3,934	2,674.40	0.8818	2,358.31	
MCW (GSR 5 - Non-Expansion Counties)	9,696	2,674.40	1.0195	2,726.63	
MCW (GSR 6)	11,610	2,674.40	1.0756	2,876.71	
MCW (GSR 8)	40,166	2,674.40	0.9817	2,625.37	
MCW (GSR 11)	2,514	2,674.40	1.0797	2,887.62	
MCW (GSR 14)	2,622	2,674.40	0.9003	2,407.83	
Total FE Base Cohort	219,213	\$2,674.40	1.0000	\$2,674.40	

Expansion Cohort FE Development	2021 Exposure Months	(A) MCO/GSR Specific Expansion Rate Development		MCO/GSR Specific Risk Adjusted Rate	(C) = (A) x (B)
		(B) Regression Results			
		FE Expansion Cohort Costs	Risk Score - June 2020 Enrollment		
CCI (GSR 12)	506	\$2,674.40	1.0299	\$2,754.39	
Inclusa (GSR 1 Expansion - Taylor)	328	2,674.40	0.9705	2,595.55	
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,417	2,674.40	1.0851	2,901.95	
Inclusa (GSR 5 Expansion - Adams)	243	2,674.40	0.8898	2,379.68	
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,726	2,674.40	0.9719	2,599.28	
MCW (GSR 1 Expansion - Taylor)	584	2,674.40	0.9219	2,465.41	
MCW (GSR 5 Expansion - Adams)	560	2,674.40	0.9959	2,663.34	
MCW (GSR 12)	4,610	2,674.40	1.0551	2,821.70	
Total FE Expansion Cohort	9,973	\$2,674.40	1.0257	\$2,743.23	

Total FE Population	229,186	\$2,674.40	1.0011	\$2,677.39	
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Base Cohort Composite	2021 Exposure Months	(A) MCO/GSR Specific Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	(C) = (A) x (B)
		(B) Regression Results			
		Composite Base Cohort Costs	Risk Score - June 2020 Enrollment		
CCI (GSR 6)	39,515	3,211.85	1.0439	3,352.87	
CCI (GSR 8)	45,060	3,028.85	1.0598	3,209.99	
CCI (GSR 9)	7,588	2,971.87	0.9305	2,765.35	
CCI (GSR 10)	19,922	3,225.59	1.0317	3,327.97	
CCI (GSR 11)	30,915	3,190.33	1.0213	3,258.40	
Inclusa (GSR 1 - Non-Expansion Counties)	27,103	3,209.45	1.1197	3,593.71	
Inclusa (GSR 2)	42,698	3,141.65	0.9900	3,110.16	
Inclusa (GSR 3)	23,563	3,181.38	0.9707	3,088.17	
Inclusa (GSR 4 - Non-Expansion Counties)	39,772	3,218.27	0.9396	3,023.97	
Inclusa (GSR 5 - Non-Expansion Counties)	2,204	3,058.98	0.9549	2,921.12	
Inclusa (GSR 6)	1,474	3,107.05	0.9911	3,079.48	
Inclusa (GSR 7)	30,103	3,166.73	0.9861	3,122.67	
Inclusa (GSR 9)*	-	3,163.24	0.9540	3,017.57	
Inclusa (GSR 10)*	-	3,167.72	1.0230	3,240.47	
Inclusa (GSR 13)	4,839	3,289.18	1.0443	3,434.74	
Inclusa (GSR 14)	7,960	3,290.10	1.0901	3,586.69	
LCI (GSR 4 - Non-Expansion Counties)	5,907	2,935.57	0.9015	2,646.43	
LCI (GSR 9)	30,548	3,210.77	0.9588	3,078.41	
LCI (GSR 10)	6,639	2,994.06	0.9921	2,970.54	
LCI (GSR 13)	45,987	3,210.09	0.9751	3,130.06	
MCW (GSR 1 - Non-Expansion Counties)	5,086	2,888.10	0.9342	2,698.15	
MCW (GSR 2)	8,346	3,040.77	0.7935	2,412.73	
MCW (GSR 3)	8,919	2,984.35	0.8383	2,501.86	
MCW (GSR 5 - Non-Expansion Counties)	29,711	3,240.69	1.0162	3,293.22	
MCW (GSR 6)	27,861	3,145.21	1.0677	3,358.29	
MCW (GSR 8)	84,928	3,007.39	0.9896	2,975.97	
MCW (GSR 11)	7,296	3,022.59	1.0368	3,133.97	
MCW (GSR 14)	7,141	3,121.51	0.8926	2,786.13	
Total Base Cohort	591,088	\$3,138.22	1.0000	\$3,138.22	

Expansion Cohort Composite	2021 Exposure Months	(A) MCO/GSR Specific Expansion Rate Development		MCO/GSR Specific Risk Adjusted Rate	(C) = (A) x (B)
		(B) Regression Results			
		Composite Expansion Cohort Costs	Risk Score - June 2020 Enrollment		
CCI (GSR 12)	1,227	2,946.45	0.9861	2,905.58	
Inclusa (GSR 1 Expansion - Taylor)	859	3,204.01	0.9734	3,118.72	
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	3,500	3,139.01	1.1759	3,691.18	
Inclusa (GSR 5 Expansion - Adams)	921	3,300.98	1.0472	3,456.91	
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	4,143	3,076.57	0.9923	3,052.94	
MCW (GSR 1 Expansion - Taylor)	1,350	3,145.17	0.8469	2,663.66	
MCW (GSR 5 Expansion - Adams)	1,412	2,992.09	1.0217	3,057.09	
MCW (GSR 12)	14,725	3,215.73	0.9790	3,148.05	
Total Composite Expansion Cohort	28,135	\$3,161.78	1.0034	\$3,172.45	

Grand Total	619,223	\$3,139.29	1.0002	\$3,139.77	
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*Effective April 1, 2021, Inclusa will begin operations in GSR 9 and 10. Composite values represent the distribution in each GSR for the existing MCOs currently providing services.

Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	(D5) Projection to CY 2021				DME Adjustment	Projected Per Capita Monthly Costs
				(D4) 2021 FE Adjustment Factors					
				Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase		
0.9774	1.0084	1.0040	1.0338	1.0000	1.0093	1.0002	1.0127	0.9992	\$2,954.21
0.9774	1.0084	1.0040	1.0011	1.0000	1.0106	1.0002	1.0127	0.9992	2,789.31
0.9774	1.0084	1.0040	0.9790	1.0000	1.0094	1.0002	1.0127	0.9992	2,633.99
0.9774	1.0084	1.0040	0.9790	1.0000	1.0055	1.0002	1.0127	0.9992	2,693.12
0.9774	1.0084	1.0040	1.0338	1.0000	1.0067	1.0002	1.0127	0.9992	2,812.02
0.9774	1.0084	1.0040	0.9790	1.0000	1.0090	1.0002	1.0127	0.9992	2,767.02
0.9774	1.0084	1.0040	0.9641	1.0000	1.0142	1.0002	1.0127	0.9992	2,552.07
0.9774	1.0084	1.0040	0.9641	1.0000	1.0141	1.0002	1.0127	0.9992	2,538.66
0.9774	1.0084	1.0040	0.9790	1.0000	1.0043	1.0002	1.0127	0.9992	2,607.71
0.9774	1.0084	1.0040	0.9641	1.0000	1.0056	1.0002	1.0127	0.9992	2,548.87
0.9774	1.0084	1.0040	1.0338	1.0000	1.0093	1.0002	1.0127	0.9992	2,793.41
0.9774	1.0084	1.0040	0.9790	1.0000	1.0085	1.0002	1.0127	0.9992	2,560.84
0.9774	1.0084	1.0040	0.9790	1.0000	1.0094	1.0002	1.0127	0.9992	2,640.52
0.9774	1.0084	1.0040	0.9790	1.0000	1.0055	1.0002	1.0127	0.9992	2,670.84
0.9774	1.0084	1.0040	1.0574	1.0000	1.0063	1.0002	1.0127	0.9992	2,559.87
0.9774	1.0084	1.0040	1.0892	1.0000	1.0071	1.0002	1.0127	0.9992	2,938.94
0.9774	1.0084	1.0040	0.9790	1.0000	1.0043	1.0002	1.0127	0.9992	2,545.10
0.9774	1.0084	1.0040	0.9790	1.0000	1.0094	1.0002	1.0127	0.9992	2,642.63
0.9774	1.0084	1.0040	0.9790	1.0000	1.0055	1.0002	1.0127	0.9992	2,619.55
0.9774	1.0084	1.0040	1.0574	1.0000	1.0063	1.0002	1.0127	0.9992	2,901.09
0.9774	1.0084	1.0040	0.9790	1.0000	1.0090	1.0002	1.0127	0.9992	2,529.47
0.9774	1.0084	1.0040	0.9641	1.0000	1.0142	1.0002	1.0127	0.9992	2,269.41
0.9774	1.0084	1.0040	0.9641	1.0000	1.0141	1.0002	1.0127	0.9992	2,309.37
0.9774	1.0084	1.0040	0.9641	1.0000	1.0056	1.0002	1.0127	0.9992	2,647.71
0.9774	1.0084	1.0040	1.0338	1.0000	1.0093	1.0002	1.0127	0.9992	3,006.15
0.9774	1.0084	1.0040	1.0011	1.0000	1.0106	1.0002	1.0127	0.9992	2,660.41
0.9774	1.0084	1.0040	1.0338	1.0000	1.0067	1.0002	1.0127	0.9992	3,009.92
0.9774	1.0084	1.0040	1.0892	1.0000	1.0071	1.0002	1.0127	0.9992	2,645.55
0.9774	1.0084	1.0040	1.0000	1.0059	1.0088	1.0002	1.0125	0.9992	\$2,702.84

Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	(D5) Projection to CY 2021				DME Adjustment	Projected Per Capita Monthly Costs
				(D4) 2021 FE Adjustment Factors					
				Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase		
0.9774	1.0084	1.0040	1.0320	1.2442	1.0035	1.0002	1.0064	0.9992	\$3,532.54
0.9774	1.0084	1.0040	0.9790	1.0000	1.0090	1.0002	1.0127	0.9992	2,568.04
0.9774	1.0084	1.0040	0.9790	1.0000	1.0043	1.0002	1.0127	0.9992	2,857.72
0.9774	1.0084	1.0040	0.9641	1.0000	1.0056	1.0002	1.0127	0.9992	2,310.81
0.9774	1.0084	1.0040	0.9790	1.0000	1.0043	1.0002	1.0127	0.9992	2,559.66
0.9774	1.0084	1.0040	0.9790	1.0000	1.0090	1.0002	1.0127	0.9992	2,439.28
0.9774	1.0084	1.0040	0.9641	1.0000	1.0056	1.0002	1.0127	0.9992	2,586.25
0.9774	1.0084	1.0040	1.0320	1.2442	1.0035	1.0002	1.0064	0.9992	3,618.87
0.9774	1.0084	1.0040	1.0058	1.1319	1.0043	1.0002	1.0089	0.9992	\$3,129.61

0.9774	1.0084	1.0040	1.0003	1.0059	1.0088	1.0002	1.0125	0.9992	\$2,721.41
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Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	(D5) Projection to CY 2021				DME Adjustment	Projected Per Capita Monthly Costs
				(D4) 2021 Base Cohort Adjustment Factors					
				Phase-In	Nursing Home Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase		
0.9752	0.9998	1.0326	1.0327	1.0000	1.0041	1.0002	1.0157	0.9991	3,553.36
0.9778	0.9997	1.0308	1.0000	1.0000	1.0055	1.0003	1.0153	0.9991	3,300.31
0.9777	1.0017								

Exhibit E2
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

		(A)	(B)	(C) = (A) + (B)
Base Cohort		Application of HCRP		
DD Development	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP	
CCI (GSR 6)	\$4,101.63	\$219.64	\$4,321.27	
CCI (GSR 8)	4,193.93	219.64	4,413.57	
CCI (GSR 9)	3,276.30	219.64	3,495.94	
CCI (GSR 10)	3,905.94	219.64	4,125.58	
CCI (GSR 11)	4,078.29	219.64	4,297.93	
Inclusa (GSR 1 - Non-Expansion C	4,403.99	219.64	4,623.63	
Inclusa (GSR 2)	3,806.85	219.64	4,026.49	
Inclusa (GSR 3)	3,660.86	219.64	3,880.50	
Inclusa (GSR 4 - Non-Expansion C	3,445.36	219.64	3,665.00	
Inclusa (GSR 5 - Non-Expansion C	3,365.13	219.64	3,584.77	
Inclusa (GSR 6)	3,832.04	219.64	4,051.68	
Inclusa (GSR 7)	3,777.34	219.64	3,996.98	
Inclusa (GSR 9)	3,545.95	219.64	3,765.59	
Inclusa (GSR 10)	3,875.07	219.64	4,094.71	
Inclusa (GSR 13)	4,376.35	219.64	4,595.99	
Inclusa (GSR 14)	4,845.05	219.64	5,064.69	
LCI (GSR 4 - Non-Expansion Cou	2,935.60	219.64	3,155.24	
LCI (GSR 9)	3,582.19	219.64	3,801.83	
LCI (GSR 10)	3,700.89	219.64	3,920.53	
LCI (GSR 13)	3,830.41	219.64	4,050.05	
MCW (GSR 1 - Non-Expansion C	3,288.77	219.64	3,508.41	
MCW (GSR 2)	2,776.84	219.64	2,996.48	
MCW (GSR 3)	2,938.71	219.64	3,158.35	
MCW (GSR 5 - Non-Expansion C	3,752.66	219.64	3,972.30	
MCW (GSR 6)	4,206.62	219.64	4,426.26	
MCW (GSR 8)	3,896.41	219.64	4,116.05	
MCW (GSR 11)	4,335.28	219.64	4,554.92	
MCW (GSR 14)	3,530.61	219.64	3,750.25	
Total DD Base Cohort	\$3,872.98	\$219.64	\$4,092.62	

Expansion Cohort		Application of HCRP		
DD Development	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP	
CCI (GSR 12)	\$4,471.07	\$219.64	\$4,690.71	
Inclusa (GSR 1 Expansion - Taylo	3,683.74	219.64	3,903.38	
Inclusa (GSR 4 Expansion - Flore	4,765.92	219.64	4,985.56	
Inclusa (GSR 5 Expansion - Adam	4,225.10	219.64	4,444.74	
LCI (GSR 4 Expansion - Florence,	3,772.70	219.64	3,992.34	
MCW (GSR 1 Expansion - Taylor)	2,964.51	219.64	3,184.15	
MCW (GSR 5 Expansion - Adams	4,072.28	219.64	4,291.92	
MCW (GSR 12)	4,471.07	219.64	4,690.71	
Total DD Expansion Cohort	\$4,301.23	\$219.64	\$4,520.87	

Total DD Population	\$3,893.30	\$219.64	\$4,112.94	
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		(A)	(B)	(C) = (A) + (B)
Base Cohort		Application of HCRP		
PD Development	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP	
CCI (GSR 6)	\$3,021.82	\$33.17	\$3,054.99	
CCI (GSR 8)	2,767.10	33.17	2,800.27	
CCI (GSR 9)	2,377.35	33.17	2,410.52	
CCI (GSR 10)	2,748.49	33.17	2,781.66	
CCI (GSR 11)	2,835.84	33.17	2,869.01	
Inclusa (GSR 1 - Non-Expansion C	2,758.31	33.17	2,791.48	
Inclusa (GSR 2)	2,289.82	33.17	2,322.99	
Inclusa (GSR 3)	2,342.46	33.17	2,375.63	
Inclusa (GSR 4 - Non-Expansion C	2,501.49	33.17	2,534.66	
Inclusa (GSR 5 - Non-Expansion C	2,636.01	33.17	2,669.18	
Inclusa (GSR 6)	2,994.92	33.17	3,028.09	
Inclusa (GSR 7)	2,505.72	33.17	2,538.89	
Inclusa (GSR 9)	2,386.98	33.17	2,420.15	
Inclusa (GSR 10)	2,708.70	33.17	2,741.87	
Inclusa (GSR 13)	3,120.40	33.17	3,153.57	
Inclusa (GSR 14)	2,570.40	33.17	2,603.57	
LCI (GSR 4 - Non-Expansion Cou	2,458.76	33.17	2,491.93	
LCI (GSR 9)	2,390.63	33.17	2,423.80	
LCI (GSR 10)	2,641.78	33.17	2,674.95	
LCI (GSR 13)	2,957.56	33.17	2,990.73	
MCFCI (GSR 1 - Non-Expansion C	2,511.89	33.17	2,545.06	
MCFCI (GSR 2)	1,973.90	33.17	2,007.07	
MCFCI (GSR 3)	2,154.34	33.17	2,187.51	
MCFCI (GSR 5 - Non-Expansion C	2,688.48	33.17	2,721.65	
MCFCI (GSR 6)	3,036.42	33.17	3,069.59	
MCFCI (GSR 8)	2,545.23	33.17	2,578.40	
MCFCI (GSR 11)	2,434.24	33.17	2,467.41	
MCFCI (GSR 14)	3,021.06	33.17	3,054.23	
Total PD Base Cohort	\$2,625.52	\$33.17	\$2,658.69	

Expansion Cohort		Application of HCRP		
PD Development	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP	
CCI (GSR 12)	\$3,460.81	\$33.17	\$3,493.98	
Inclusa (GSR 1 Expansion - Taylo	2,533.94	33.17	2,567.11	
Inclusa (GSR 4 Expansion - Flore	2,709.46	33.17	2,742.63	
Inclusa (GSR 5 Expansion - Adam	2,031.93	33.17	2,065.10	
LCI (GSR 4 Expansion - Florence,	2,626.90	33.17	2,660.07	
MCFCI (GSR 1 Expansion - Taylor)	2,368.18	33.17	2,401.35	
MCFCI (GSR 5 Expansion - Adam	2,360.39	33.17	2,393.56	
MCFCI (GSR 12)	3,889.00	33.17	3,922.17	
Total PD Expansion Cohort	\$3,281.94	\$33.17	\$3,315.11	

Total PD Population	\$2,654.54	\$33.17	\$2,687.71	
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Exhibit E2
 Wisconsin Department of Health Services
 CY 2021 Family Care Draft Capitation Rate Development
 Development of Service Portion of LTC Rate
 Nursing Home Level of Care

Base Cohort FE Development	(A)	(B)	(C) = (A) + (B)
	Projected Per Capita Monthly Costs	Application of HCRP HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP
CCI (GSR 6)	\$2,954.21	\$5.37	\$2,959.58
CCI (GSR 8)	2,789.31	5.37	2,794.68
CCI (GSR 9)	2,633.99	5.37	2,639.36
CCI (GSR 10)	2,693.12	5.37	2,698.49
CCI (GSR 11)	2,812.02	5.37	2,817.39
Inclusa (GSR 1 - Non-Expansion C	2,767.02	5.37	2,772.39
Inclusa (GSR 2)	2,552.07	5.37	2,557.44
Inclusa (GSR 3)	2,538.66	5.37	2,544.03
Inclusa (GSR 4 - Non-Expansion C	2,607.71	5.37	2,613.08
Inclusa (GSR 5 - Non-Expansion C	2,548.87	5.37	2,554.24
Inclusa (GSR 6)	2,793.41	5.37	2,798.78
Inclusa (GSR 7)	2,560.84	5.37	2,566.21
Inclusa (GSR 9)	2,640.52	5.37	2,645.89
Inclusa (GSR 10)	2,670.84	5.37	2,676.21
Inclusa (GSR 13)	2,559.87	5.37	2,565.24
Inclusa (GSR 14)	2,938.94	5.37	2,944.31
LCI (GSR 4 - Non-Expansion Cou	2,545.10	5.37	2,550.47
LCI (GSR 9)	2,642.63	5.37	2,648.00
LCI (GSR 10)	2,619.55	5.37	2,624.92
LCI (GSR 13)	2,901.09	5.37	2,906.46
MCFCI (GSR 1 - Non-Expansion C	2,529.47	5.37	2,534.84
MCFCI (GSR 2)	2,269.41	5.37	2,274.78
MCFCI (GSR 3)	2,309.37	5.37	2,314.74
MCFCI (GSR 5 - Non-Expansion C	2,647.71	5.37	2,653.08
MCFCI (GSR 6)	3,006.15	5.37	3,011.52
MCFCI (GSR 8)	2,660.41	5.37	2,665.78
MCFCI (GSR 11)	3,009.92	5.37	3,015.29
MCFCI (GSR 14)	2,645.55	5.37	2,650.92
Total FE Base Cohort	\$2,702.84	\$5.37	\$2,708.21

Expansion Cohort FE Development	(A)	(B)	(C) = (A) + (B)
	Projected Per Capita Monthly Costs	Application of HCRP HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP
CCI (GSR 12)	\$3,532.54	\$5.37	\$3,537.91
Inclusa (GSR 1 Expansion - Taylo	2,568.04	5.37	2,573.41
Inclusa (GSR 4 Expansion - Flore	2,857.72	5.37	2,863.09
Inclusa (GSR 5 Expansion - Adam	2,310.81	5.37	2,316.18
LCI (GSR 4 Expansion - Florence,	2,559.66	5.37	2,565.03
MCFCI (GSR 1 Expansion - Taylo	2,439.28	5.37	2,444.65
MCFCI (GSR 5 Expansion - Adam	2,586.25	5.37	2,591.62
MCFCI (GSR 12)	3,618.87	5.37	3,624.24
Total FE Expansion Cohort	\$3,129.61	\$5.37	\$3,134.98

Total FE Population	\$2,721.41	\$5.37	\$2,726.78
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Base Cohort Composite	(A)	(B)	(C) = (A) + (B)
	Projected Per Capita Monthly Costs	Application of HCRP HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP
CCI (GSR 6)	3,553.36	119.03	3,672.39
CCI (GSR 8)	3,300.31	92.95	3,393.26
CCI (GSR 9)	2,770.01	77.70	2,847.71
CCI (GSR 10)	3,336.54	120.85	3,457.39
CCI (GSR 11)	3,455.82	118.91	3,574.73
Inclusa (GSR 1 - Non-Expansion C	3,611.02	120.01	3,731.03
Inclusa (GSR 2)	3,079.36	108.36	3,187.72
Inclusa (GSR 3)	3,059.10	115.82	3,174.92
Inclusa (GSR 4 - Non-Expansion C	3,031.81	122.80	3,154.61
Inclusa (GSR 5 - Non-Expansion C	2,878.79	92.95	2,971.74
Inclusa (GSR 6)	3,259.28	99.51	3,358.79
Inclusa (GSR 7)	3,132.73	111.52	3,244.25
Inclusa (GSR 9)*	3,029.45	112.00	3,141.45
Inclusa (GSR 10)*	3,246.27	110.22	3,356.49
Inclusa (GSR 13)	3,731.40	137.17	3,868.57
Inclusa (GSR 14)	4,011.42	136.93	4,148.35
LCI (GSR 4 - Non-Expansion Cou	2,634.19	66.07	2,700.26
LCI (GSR 9)	3,092.07	120.53	3,212.60
LCI (GSR 10)	2,967.99	78.35	3,046.34
LCI (GSR 13)	3,391.25	120.65	3,511.90
MCFCI (GSR 1 - Non-Expansion C	2,696.32	59.13	2,755.45
MCFCI (GSR 2)	2,386.14	91.75	2,477.89
MCFCI (GSR 3)	2,472.68	80.33	2,553.01
MCFCI (GSR 5 - Non-Expansion C	3,253.80	125.49	3,379.29
MCFCI (GSR 6)	3,555.81	106.36	3,662.17
MCFCI (GSR 8)	3,051.31	82.35	3,133.66
MCFCI (GSR 11)	3,318.97	90.92	3,409.89
MCFCI (GSR 14)	3,107.64	105.10	3,212.74
Total Base Cohort	\$3,220.44	\$107.50	\$3,327.94

Expansion Cohort Composite	(A)	(B)	(C) = (A) + (B)
	Projected Per Capita Monthly Costs	Application of HCRP HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP
CCI (GSR 12)	3,783.83	75.85	3,859.68
Inclusa (GSR 1 Expansion - Taylo	3,130.18	117.15	3,247.33
Inclusa (GSR 4 Expansion - Flore	3,696.56	105.98	3,802.54
Inclusa (GSR 5 Expansion - Adam	3,422.73	137.82	3,560.55
LCI (GSR 4 Expansion - Florence,	3,054.65	95.76	3,150.41
MCFCI (GSR 1 Expansion - Taylo	2,668.98	105.58	2,774.56
MCFCI (GSR 5 Expansion - Adam	3,014.93	83.69	3,098.62
MCFCI (GSR 12)	4,109.75	122.28	4,232.03
Total Composite Expansion Cohort	\$3,712.37	\$111.94	\$3,824.31

Grand Total	\$3,242.79	\$107.70	\$3,350.49
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*Effective April 1, 2021, Inclusa will begin operations in GSR 9 and 10. Composite values represent the distribution in each GSR for the existing MCOs currently providing services.

Exhibit F
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Non-Service Portion of Rates, MCE, and Capitation Rates
Nursing Home Level of Care

Base Cohort DD Development	2021 Exposure Months	(A)	(B)	(C)	(D) = (B) - (C)
		MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs
CCI (GSR 6)	20,361	\$4,321.27	\$4,321.27	\$219.64	\$4,101.63
CCI (GSR 8)	16,613	4,413.57	4,413.57	219.64	4,193.93
CCI (GSR 9)	2,328	3,495.94	3,495.94	219.64	3,276.30
CCI (GSR 10)	10,478	4,125.58	4,125.58	219.64	3,905.94
CCI (GSR 11)	15,605	4,297.93	4,297.93	219.64	4,078.29
Inclusa (GSR 1 - Non-Expansion Counties)	13,995	4,623.63	4,623.63	219.64	4,403.99
Inclusa (GSR 2)	19,535	4,026.49	4,026.49	219.64	3,806.85
Inclusa (GSR 3)	11,627	3,860.50	3,860.50	219.64	3,640.86
Inclusa (GSR 4 - Non-Expansion Counties)	20,957	3,665.00	3,665.00	219.64	3,445.36
Inclusa (GSR 5 - Non-Expansion Counties)	844	3,584.77	3,584.77	219.64	3,365.13
Inclusa (GSR 6)	620	4,051.68	4,051.68	219.64	3,832.04
Inclusa (GSR 7)	14,349	3,996.98	3,996.98	219.64	3,777.34
Inclusa (GSR 9)	-	3,765.59	3,765.59	-	3,765.59
Inclusa (GSR 10)	-	4,094.71	4,094.71	-	4,094.71
Inclusa (GSR 13)	2,872	4,595.99	4,595.99	219.64	4,376.35
Inclusa (GSR 14)	4,724	5,064.69	5,064.69	219.64	4,845.05
LCI (GSR 4 - Non-Expansion Counties)	1,553	3,155.24	3,155.24	219.64	2,935.60
LCI (GSR 9)	15,829	3,801.83	3,801.83	219.64	3,582.19
LCI (GSR 10)	2,116	3,920.53	3,920.53	219.64	3,700.89
LCI (GSR 13)	23,827	4,050.05	4,050.05	219.64	3,830.41
MCW (GSR 1 - Non-Expansion Counties)	1,142	3,508.41	3,508.41	219.64	3,288.77
MCW (GSR 2)	3,101	2,996.48	2,996.48	219.64	2,776.84
MCW (GSR 3)	2,842	3,158.35	3,158.35	219.64	2,938.71
MCW (GSR 5 - Non-Expansion Counties)	16,155	3,972.30	3,972.30	219.64	3,752.66
MCW (GSR 6)	12,667	4,426.26	4,426.26	219.64	4,206.62
MCW (GSR 8)	28,385	4,116.05	4,116.05	219.64	3,896.41
MCW (GSR 11)	2,634	4,554.92	4,554.92	219.64	4,335.28
MCW (GSR 14)	3,146	3,750.25	3,750.25	219.64	3,530.61
Total DD Base Cohort	269,306	\$4,092.62	\$4,092.62	\$219.64	\$3,872.98

(E)	(F)	(G) = (E) + (F)	(H) = (G) / (K)
2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage
\$113.49	\$0.19	\$113.68	2.6%
113.49	0.19	113.68	2.5%
113.49	0.19	113.68	3.1%
113.49	0.19	113.68	2.7%
113.49	0.19	113.68	2.6%
107.04	0.19	107.23	2.3%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.7%
107.04	0.19	107.23	2.8%
107.04	0.19	107.23	2.9%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.8%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.6%
107.04	0.19	107.23	2.1%
134.22	0.19	134.41	4.1%
134.22	0.19	134.41	3.4%
134.22	0.19	134.41	3.3%
134.22	0.19	134.41	3.2%
102.77	0.19	102.96	2.9%
102.77	0.19	102.96	3.3%
102.77	0.19	102.96	2.9%
102.77	0.19	102.96	3.2%
102.77	0.19	102.96	2.5%
102.77	0.19	102.96	2.3%
102.77	0.19	102.96	2.4%
102.77	0.19	102.96	2.2%
102.77	0.19	102.96	2.7%
\$111.89	\$0.19	\$112.08	2.7%

(I) = (J) / (L)	(J)
Targeted Margin	Targeted Margin PMPM
2.0%	\$90.51
2.0%	92.39
2.0%	73.67
2.0%	86.52
2.0%	90.03
2.0%	96.54
2.0%	84.36
2.0%	81.38
2.0%	78.98
2.0%	75.34
2.0%	84.87
2.0%	83.76
2.0%	79.03
2.0%	85.75
2.0%	96.98
2.0%	105.55
2.0%	67.14
2.0%	80.34
2.0%	82.76
2.0%	85.40
2.0%	73.70
2.0%	63.26
2.0%	65.56
2.0%	83.17
2.0%	92.44
2.0%	86.10
2.0%	95.06
2.0%	75.64
2.0%	\$85.80

(K) = (A) + (G)	(L) = (B) + (G) + (J)	(M) = (D) + (G) + (J)	(N) = (L) x 0.005	(O) = (M) - (N)
MCE Rates	2021 Capitation Rate	2021 Capitation Rate Less HCRP	P4P Withhold	2021 Capitation Rate Less HCRP and P4P Withhold
\$4,434.95	\$4,525.46	\$4,305.82	\$22.63	\$4,283.19
4,527.25	4,619.64	4,400.00	23.10	4,376.90
3,609.62	3,683.29	3,463.65	18.42	3,445.23
4,239.26	4,325.78	4,106.14	21.63	4,084.51
4,411.61	4,501.64	4,282.00	22.51	4,259.49
4,730.86	4,827.40	4,607.76	24.14	4,582.62
4,133.72	4,218.08	3,998.44	21.09	3,977.35
3,987.73	4,069.11	3,849.47	20.35	3,829.12
3,772.23	3,849.21	3,629.57	19.25	3,610.32
3,692.00	3,767.34	3,547.70	18.84	3,528.86
4,158.91	4,243.78	4,024.14	21.22	4,002.92
4,104.21	4,187.97	3,968.33	20.94	3,947.39
3,872.82	3,951.85	3,751.85	19.76	3,932.09
4,201.94	4,287.69	4,078.69	21.44	4,057.25
4,703.22	4,799.20	4,579.56	24.00	4,555.56
5,171.92	5,277.47	5,057.83	26.39	5,031.44
3,289.65	3,356.79	3,137.15	16.78	3,120.37
3,936.24	4,016.58	3,796.94	20.08	3,776.86
4,054.94	4,137.70	3,918.06	20.89	3,897.37
4,184.46	4,269.86	4,050.22	21.35	4,028.87
3,611.37	3,685.07	3,465.43	18.43	3,447.00
3,099.44	3,162.70	2,943.06	15.81	2,927.25
3,261.31	3,327.87	3,108.23	16.64	3,091.59
4,075.26	4,158.43	3,938.79	20.79	3,918.00
4,529.22	4,621.66	4,402.02	23.11	4,378.91
4,219.01	4,305.11	4,085.47	21.53	4,063.94
4,657.88	4,752.94	4,533.30	23.76	4,509.54
3,853.21	3,931.85	3,712.21	19.66	3,692.55
\$4,204.70	\$4,290.50	\$4,070.86	\$21.45	\$4,049.41

Expansion Cohort DD Development	2021 Exposure Months	MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs
Inclusa (GSR 1 Expansion - Taylor)	436	3,903.38	3,903.38	219.64	3,683.74
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,578	4,985.56	4,985.56	219.64	4,765.92
Inclusa (GSR 5 Expansion - Adams)	553	4,444.74	4,444.74	219.64	4,225.10
LCI (GSR 4 - Non-Expansion Counties)	1,648	3,992.34	3,992.34	219.64	3,772.70
MCW (GSR 1 Expansion - Taylor)	611	3,161.15	3,161.15	219.64	2,941.51
MCW (GSR 5 Expansion - Adams)	466	4,291.92	4,291.92	219.64	4,072.28
MCW (GSR 12)	7,724	4,690.71	4,690.71	219.64	4,471.07
Total DD Expansion Cohort	13,371	\$4,520.87	\$4,520.87	\$219.64	\$4,301.23

(E)	(F)	(G) = (E) + (F)	(H) = (G) / (K)
2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage
\$113.49	\$0.19	\$113.68	2.4%
107.04	0.19	107.23	2.7%
107.04	0.19	107.23	2.1%
107.04	0.19	107.23	2.4%
134.22	0.19	134.41	3.3%
102.96	0.19	103.15	3.1%
102.77	0.19	102.96	2.3%
102.77	0.19	102.96	2.1%
\$107.75	\$0.19	\$107.94	2.3%

(I) = (J) / (L)	(J)
Targeted Margin	Targeted Margin PMPM
2.0%	\$98.05
2.0%	81.85
2.0%	103.93
2.0%	92.89
2.0%	84.22
2.0%	67.09
2.0%	89.69
2.0%	97.83
2.0%	\$94.47

(K) = (A) + (G)	(L) = (B) + (G) + (J)	(M) = (D) + (G) + (J)	(N) = (L) x 0.005	(O) = (M) - (N)
MCE Rates	2021 Capitation Rate	2021 Capitation Rate Less HCRP	P4P Withhold	2021 Capitation Rate Less HCRP and P4P Withhold
\$4,804.39	\$4,902.44	\$4,682.80	\$24.51	\$4,658.29
4,010.61	4,092.46	\$3,872.82	20.46	3,852.36
5,092.79	5,196.72	4,977.08	25.98	4,951.10
4,551.97	4,644.86	4,425.22	23.22	4,402.00
4,126.75	4,210.97	3,991.33	21.05	3,970.28
3,267.11	3,354.20	3,134.56	16.77	3,117.79
4,394.89	4,484.57	4,264.93	22.42	4,242.51
4,793.67	4,891.50	4,671.86	24.46	4,647.40
\$4,628.81	\$4,723.28	\$4,503.63	\$23.62	\$4,480.01

Base Cohort PD Development	2021 Exposure Months	MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs
CCI (GSR 8)	13,915	2,800.27	2,800.27	33.17	2,767.10
CCI (GSR 9)	1,804	2,410.52	2,410.52	33.17	2,377.35
CCI (GSR 10)	1,994	2,781.66	2,781.66	33.17	2,748.49
CCI (GSR 11)	5,990	2,869.01	2,869.01	33.17	2,835.84
Inclusa (GSR 1 - Non-Expansion Counties)	3,896	2,791.48	2,791.48	33.17	2,758.31
Inclusa (GSR 2)	7,618	2,322.99	2,322.99	33.17	2,289.82
Inclusa (GSR 3)	4,001	2,375.63	2,375.63	33.17	2,342.46
Inclusa (GSR 4 - Non-Expansion Counties)	6,472	2,534.66	2,534.66	33.17	2,501.49
Inclusa (GSR 5 - Non-Expansion Counties)	438	2,669.18	2,669.18	33.17	2,636.01
Inclusa (GSR 9)	210	3,028.09	3,028.09	33.17	2,994.92
Inclusa (GSR 7)	4,353	2,538.89	2,538.89	33.17	2,505.72
Inclusa (GSR 9)	-	2,420.15	2,420.15	-	2,420.15
Inclusa (GSR 10)	-	2,741.87	2,741.87	-	2,741.87
Inclusa (GSR 13)	807	3,153.57	3,153.57	33.17	3,120.40
Inclusa (GSR 14)	1,265	2,603.57	2,603.57	33.17	2,570.40
LCI (GSR 4 - Non-Expansion Counties)	928	2,491.93	2,491.93	33.17	2,458.76
LCI (GSR 9)	4,535	2,423.80	2,423.80	33.17	2,390.63
LCI (GSR 10)	1,117	2,674.95	2,674.95	33.17	2,641.78
LCI (GSR 13)	7,047	2,990.73	2,990.73	33.17	2,957.56
MCW (GSR 1 - Non-Expansion Counties)	1,036	2,545.06	2,545.06	33.17	2,511.89
MCW (GSR 2)	2,029	2,007.07	2,007.07	33.17	1,973.90
MCW (GSR 3)	2,143	2,187.51	2,187.51	33.17	2,154.34
MCW (GSR 5 - Non-Expansion Counties)	3,861	2,721.65	2,721.65	33.17	2,688.48
MCW (GSR 6)	3,585	3,069.59	3,069.59	33.17	3,036.42
MCW (GSR 8)	16,376	2,578.40	2,578.40	33.17	2,545.23
MCW (GSR 11)	2,148	2,467.41	2,467.41	33.17	2,434.24
MCW (GSR 14)	1,374	3,054.23	3,054.23	33.17	3,021.06
Total PD Base Cohort	103,570	\$2,658.69	\$2,658.69	\$33.17	\$2,625.52

(E)	(F)	(G) = (E) + (F)	(H) = (G) / (K)
2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage
\$113.49	\$0.19		

Exhibit F
 Wisconsin Department of Health Services
 CY 2021 Family Care Draft Capitation Rate Development
 Development of Non-Service Portion of Rates, MCE, and Capitation Rates
 Nursing Home Level of Care

Base Cohort FE Development	2021 Exposure Months	(A)	(B)	(C)	(D) = (B) - (C)	(E)	(F)	(G) = (E) + (F)	(H) = (G) / (K)	(I) = (J) / (L)	(J)	(K) = (A) + (G)	(L) = (B) + (G) + (J)	(M) = (D) + (G) + (J)	(N) = (L) x 0.005	(O) = (M) - (N)
		MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs	2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2021 Capitation Rate	2021 Capitation Rate Less HCRP	P4P Withhold	2021 Capitation Rate Less HCRP and P4P Withhold
CCI (GSR 6)	14,524	\$2,959.58	\$2,959.58	\$5.37	\$2,954.21	\$113.49	\$0.19	\$113.68	3.7%	2.0%	\$62.72	\$3,073.26	\$3,135.98	\$3,130.61	\$15.68	\$3,114.93
CCI (GSR 8)	14,532	2,794.68	2,794.68	5.37	2,789.31	113.68	0.19	113.87	3.9%	2.0%	59.36	2,907.72	2,967.72	2,962.35	14.84	2,947.51
CCI (GSR 9)	3,457	2,639.36	2,639.36	5.37	2,633.99	113.49	0.19	113.68	4.1%	2.0%	56.19	2,753.04	2,809.23	2,803.86	14.05	2,789.81
CCI (GSR 10)	7,450	2,698.49	2,698.49	5.37	2,693.12	113.49	0.19	113.68	4.0%	2.0%	57.39	2,812.17	2,869.56	2,864.19	14.35	2,849.84
CCI (GSR 11)	9,320	2,817.39	2,817.39	5.37	2,812.02	113.49	0.19	113.68	3.9%	2.0%	58.82	2,931.07	2,990.89	2,985.52	14.95	2,970.57
Inclusa (GSR 1 - Non-Expansion Counties)	9,212	2,772.39	2,772.39	5.37	2,767.02	107.04	0.19	107.23	3.7%	2.0%	58.76	2,879.62	2,938.38	2,933.01	14.69	2,918.32
Inclusa (GSR 2)	15,545	2,557.44	2,557.44	5.37	2,552.07	107.04	0.19	107.23	4.0%	2.0%	54.38	2,664.67	2,719.05	2,713.68	13.60	2,700.08
Inclusa (GSR 3)	7,935	2,544.03	2,544.03	5.37	2,538.66	107.04	0.19	107.23	4.0%	2.0%	54.10	2,651.26	2,705.36	2,699.99	13.53	2,686.46
Inclusa (GSR 4 - Non-Expansion Counties)	12,343	2,613.08	2,613.08	5.37	2,607.71	107.04	0.19	107.23	3.9%	2.0%	55.51	2,720.31	2,775.82	2,770.45	13.88	2,756.57
Inclusa (GSR 5 - Non-Expansion Counties)	923	2,554.24	2,554.24	5.37	2,548.87	107.04	0.19	107.23	4.0%	2.0%	54.31	2,661.47	2,715.78	2,710.41	13.58	2,696.83
Inclusa (GSR 6)	643	2,798.78	2,798.78	5.37	2,793.41	107.04	0.19	107.23	3.7%	2.0%	59.30	2,906.01	2,965.31	2,959.94	14.83	2,945.11
Inclusa (GSR 7)	11,401	2,566.21	2,566.21	5.37	2,560.84	107.04	0.19	107.23	4.0%	2.0%	54.56	2,673.44	2,728.00	2,722.63	13.64	2,708.99
Inclusa (GSR 9)	-	2,645.89	2,645.89	-	2,640.52	107.04	0.19	107.23	3.9%	2.0%	56.18	2,753.12	2,809.30	2,803.93	14.05	2,789.25
Inclusa (GSR 10)	-	2,676.21	2,676.21	-	2,670.84	107.04	0.19	107.23	3.9%	2.0%	56.80	2,783.44	2,840.24	2,834.87	14.20	2,820.64
Inclusa (GSR 13)	1,160	2,565.24	2,565.24	5.37	2,559.87	107.04	0.19	107.23	4.0%	2.0%	54.54	2,672.47	2,727.01	2,721.64	13.64	2,708.00
Inclusa (GSR 14)	1,972	2,944.31	2,944.31	5.37	2,938.94	107.04	0.19	107.23	3.5%	2.0%	62.27	3,051.54	3,113.81	3,108.44	15.57	3,092.87
LCI (GSR 4 - Non-Expansion Counties)	3,426	2,550.47	2,550.47	5.37	2,545.10	134.22	0.19	134.41	5.0%	2.0%	54.80	2,664.88	2,739.68	2,734.31	13.70	2,720.61
LCI (GSR 9)	10,184	2,848.00	2,848.00	5.37	2,842.63	134.22	0.19	134.41	4.8%	2.0%	55.79	2,964.21	3,039.00	3,033.63	14.20	2,919.63
LCI (GSR 10)	3,405	2,624.92	2,624.92	5.37	2,619.55	134.22	0.19	134.41	4.9%	2.0%	56.32	2,739.33	2,815.65	2,810.28	14.08	2,796.20
LCI (GSR 13)	15,113	2,906.46	2,906.46	5.37	2,901.09	134.22	0.19	134.41	4.4%	2.0%	62.06	3,040.87	3,102.93	3,097.56	15.51	3,082.05
MCW (GSR 1 - Non-Expansion Counties)	2,909	2,534.84	2,534.84	5.37	2,529.47	102.77	0.19	102.96	3.9%	2.0%	53.83	2,637.80	2,691.63	2,686.26	13.46	2,672.80
MCW (GSR 2)	3,216	2,274.78	2,274.78	5.37	2,269.41	102.77	0.19	102.96	4.3%	2.0%	48.53	2,377.74	2,426.27	2,420.90	12.13	2,408.77
MCW (GSR 3)	3,934	2,314.74	2,314.74	5.37	2,309.37	102.77	0.19	102.96	4.3%	2.0%	49.34	2,417.70	2,467.04	2,461.67	12.34	2,448.33
MCW (GSR 5 - Non-Expansion Counties)	9,696	2,653.08	2,653.08	5.37	2,647.71	102.77	0.19	102.96	3.7%	2.0%	56.25	2,756.04	2,812.29	2,806.92	14.06	2,792.86
MCW (GSR 6)	11,610	3,011.52	3,011.52	5.37	3,006.15	102.77	0.19	102.96	3.3%	2.0%	63.56	3,114.48	3,178.04	3,172.67	15.89	3,156.78
MCW (GSR 8)	40,166	2,665.78	2,665.78	5.37	2,660.41	102.77	0.19	102.96	3.7%	2.0%	56.51	2,768.74	2,825.25	2,819.88	14.13	2,805.75
MCW (GSR 11)	2,514	3,015.29	3,015.29	5.37	3,009.92	102.77	0.19	102.96	3.3%	2.0%	63.64	3,118.25	3,181.89	3,176.52	15.91	3,160.61
MCW (GSR 14)	2,622	2,650.92	2,650.92	5.37	2,645.55	102.77	0.19	102.96	3.7%	2.0%	56.20	2,753.88	2,810.08	2,804.71	14.05	2,790.66
Total FE Base Cohort	219,213	\$2,708.21	\$2,708.21	\$5.37	\$2,702.84	\$110.98	\$0.19	\$111.17	3.9%	2.0%	\$57.54	\$2,819.38	\$2,876.92	\$2,871.55	\$14.38	\$2,857.17

Expansion Cohort FE Development	2021 Exposure Months	MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs	2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2021 Capitation Rate	2021 Capitation Rate Less HCRP	P4P Withhold	2021 Capitation Rate Less HCRP and P4P Withhold
CCI (GSR 12)	506	\$3,537.91	\$3,537.91	\$5.37	\$3,532.54	\$113.49	\$0.19	\$113.68	3.1%	2.0%	\$74.52	\$3,651.59	\$3,726.11	\$3,720.74	\$18.63	\$3,702.11
Inclusa (GSR 4 Expansion - Taylor)	328	2,573.41	2,573.41	5.37	2,568.04	107.04	0.19	107.23	4.0%	2.0%	54.70	2,680.64	2,735.34	2,729.97	13.68	2,716.29
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,417	2,863.09	2,863.09	5.37	2,857.72	107.04	0.19	107.23	3.6%	2.0%	60.61	2,970.32	3,030.93	3,025.56	15.15	3,010.41
Inclusa (GSR 5 Expansion - Adams)	243	2,316.18	2,316.18	5.37	2,310.81	107.04	0.19	107.23	4.4%	2.0%	49.45	2,423.41	2,472.86	2,467.49	12.36	2,455.13
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,726	2,565.03	2,565.03	5.37	2,559.66	134.22	0.19	134.41	5.0%	2.0%	55.09	2,699.44	2,754.53	2,749.16	13.77	2,735.39
MCW (GSR 1 Expansion - Taylor)	584	2,544.65	2,544.65	5.37	2,539.28	102.77	0.19	102.96	4.0%	2.0%	51.99	2,647.61	2,699.80	2,694.43	13.00	2,681.23
MCW (GSR 5 Expansion - Adams)	560	2,591.62	2,591.62	5.37	2,586.25	102.77	0.19	102.96	3.9%	2.0%	54.99	2,694.58	2,749.57	2,744.20	13.75	2,730.45
MCW (GSR 12)	4,610	3,624.24	3,624.24	5.37	3,618.87	102.77	0.19	102.96	2.8%	2.0%	76.07	3,727.20	3,803.27	3,797.90	19.02	3,778.88
Total FE Expansion Cohort	9,973	\$3,134.98	\$3,134.98	\$5.37	\$3,129.61	\$109.61	\$0.19	\$109.80	3.4%	2.0%	\$66.22	\$3,244.78	\$3,311.00	\$3,305.63	\$16.56	\$3,289.07
Total FE Population	229,186	\$2,726.78	\$2,726.78	\$5.37	\$2,721.41	\$110.92	\$0.19	\$111.11	3.9%	2.0%	\$57.92	\$2,837.89	\$2,895.81	\$2,890.44	\$14.47	\$2,875.96

Base Cohort Composite	2021 Exposure Months	MCE Service Costs	2021 Gross Service Costs	2021 HCRP Pooled Claims	2021 Net Service Costs	2021 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2021 Capitation Rate	2021 Capitation Rate Less HCRP	P4P Withhold	2021 Capitation Rate Less HCRP and P4P Withhold
CCI (GSR 6)	39,515	\$3,672.39	\$3,672.39	\$119.03	\$3,553.36	\$113.49	\$0.19	\$113.68	3.0%	2.0%	\$71.27	\$3,786.07	\$3,863.34	\$3,744.31	\$19.32	\$3,724.99
CCI (GSR 8)	45,060	3,393.26	3,393.26	92.95	3,300.31	113.49	0.19	113.68	3.2%	2.0%	71.57	3,506.94	3,578.51	3,485.56	17.89	3,467.67
CCI (GSR 9)	7,588	2,847.71	2,847.71	77.70	2,770.01	113.49	0.19	113.68	3.8%	2.0%	60.44	2,961.39	3,021.83	2,944.13	15.11	2,929.02
CCI (GSR 10)	19,922	3,457.39	3,457.39	120.85	3,336.54	113.49	0.19	113.68	3.2%	2.0%	72.88	3,571.07	3,643.95	3,523.10	18.22	3,504.88
CCI (GSR 11)	30,915	3,574.73	3,574.73	118.91	3,455.82	113.49	0.19	113.68	3.1%	2.0%	75.28	3,688.41	3,763.69	3,644.78	18.82	3,625.96
Inclusa (GSR 1 - Non-Expansion Counties)	27,103	3,731.03	3,731.03	120.01	3,611.02	107.04	0.19	107.23	2.8%	2.0%	78.33	3,838.26	3,916.59	3,796.58	19.58	3,777.00
Inclusa (GSR 2)	42,698	3,187.72	3,187.72	108.36	3,079.36	107.04	0.19	107.23	3.3%	2.0%	67.24	3,294.95	3,362.19	3,253.83	16.81	3,237.02
Inclusa (GSR 3)	23,563	3,174.92	3,174.92	115.82	3,059.10	107.04	0.19	107.23	3.3%	2.0%	66.98	3,282.15	3,349.13	3,233.31	16.75	3,216.56
Inclusa (GSR 4 - Non-Expansion Counties)	39,772	3,154.61	3,154.61	122.80	3,031.81	107.04	0.19	107.23	3.3%	2.0%	66.56	3,261.84	3,328.40	3,205.60	16.64	3,188.96
Inclusa (GSR 5 - Non-Expansion Counties)	2,204	2,971.74	2,971.74	92.95	2,878.79	107.04	0.19	107.23	3.5%	2.0%	62.83	3,078.97	3,141.80	3,048.85	15.71	3,033.14
Inclusa (GSR 9)	1,474	3,358.79	3,358.79	99.51	3,259.28	107.04	0.19	107.23	3.1%	2.0%	70.73	3,468.02	3,536.75	3,437.24	17.68	3,419.56
Inclusa (GSR 7)	30,103	3,244.25	3,244.25	111.52	3,132.73	107.04	0.19	107.23	3.2%	2.0%	68.39	3,351.48	3,419.87	3,308.35	17.10	3,291.25
Inclusa (GSR 9)	-	3,141.45	3,141.45													

Exhibit G
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Final Blended Capitation Rates
Nursing Home Level of Care
Developmentally Disabled

	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	
	Developmentally Disabled						
	2021 Exposure Months	2021 Net DD Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Net DD Capitation Rate	P4P Withhold	2021 Net Capitation Rate Less P4P Withhold
GSR 1							
<u>Inclusa</u>							
Non-Expansion Counties	13,995	\$4,403.99	\$107.23	\$96.54	\$4,607.76	\$24.14	\$4,583.62
Expansion Counties	436	3,683.74	107.23	81.85	3,872.82	20.46	3,852.36
GSR Rate	14,430	\$4,382.25	\$107.23	\$96.10	\$4,585.58	\$24.03	\$4,561.55
<u>MCW</u>							
Non-Expansion Counties	1,142	\$3,288.77	\$102.96	\$73.70	\$3,465.43	\$18.43	\$3,447.00
Expansion Counties	611	2,964.51	102.96	67.09	3,134.56	16.77	3,117.79
GSR Rate	1,753	\$3,175.72	\$102.96	\$71.39	\$3,350.07	\$17.85	\$3,332.22
GSR 4							
<u>Inclusa</u>							
Non-Expansion Counties	20,957	\$3,445.36	\$107.23	\$76.98	\$3,629.57	\$19.25	\$3,610.32
Expansion Counties	1,578	4,765.92	107.23	103.93	4,977.08	25.98	4,951.10
GSR Rate	22,535	\$3,537.82	\$107.23	\$78.87	\$3,723.92	\$19.72	\$3,704.20
<u>LCI</u>							
Non-Expansion Counties	1,553	\$2,935.60	\$134.41	\$67.14	\$3,137.15	\$16.78	\$3,120.37
Expansion Counties	1,648	3,772.70	134.41	84.22	3,991.33	21.05	3,970.28
GSR Rate	3,201	\$3,366.56	\$134.41	\$75.93	\$3,576.90	\$18.98	\$3,557.92
GSR 5							
<u>Inclusa</u>							
Non-Expansion Counties	844	\$3,365.13	\$107.23	\$75.34	\$3,547.70	\$18.84	\$3,528.86
Expansion Counties	553	4,225.10	107.23	92.89	4,425.22	23.22	4,402.00
GSR Rate	1,397	\$3,705.47	\$107.23	\$82.28	\$3,894.98	\$20.57	\$3,874.41
<u>MCW</u>							
Non-Expansion Counties	16,155	\$3,752.66	\$102.96	\$83.17	\$3,938.79	\$20.79	\$3,918.00
Expansion Counties	466	4,072.28	102.96	89.69	4,264.93	22.42	4,242.51
GSR Rate	16,621	\$3,761.62	\$102.96	\$83.35	\$3,947.93	\$20.83	\$3,927.10

Exhibit G
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Final Blended Capitation Rates
Nursing Home Level of Care
Physically Disabled

	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)
Physically Disabled						
2021 Exposure Months	2021 Net PD Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Net PD Capitation Rate	P4P Withhold	2021 Net Capitation Rate Less P4P Withhold
GSR 1						
Inclusa						
Non-Expansion Counties	3,896	\$2,758.31	\$107.23	\$59.15	\$2,924.69	\$14.79
Expansion Counties	96	2,533.94	107.23	54.57	2,695.74	13.64
GSR Rate	3,992	\$2,752.94	\$107.23	\$59.04	\$2,919.21	\$14.76
MCW						
Non-Expansion Counties	1,036	\$2,511.89	\$102.96	\$54.04	\$2,668.89	\$13.51
Expansion Counties	154	2,368.18	102.96	51.11	2,522.25	12.78
GSR Rate	1,190	\$2,493.25	\$102.96	\$53.66	\$2,649.87	\$13.42
GSR 4						
Inclusa						
Non-Expansion Counties	6,472	\$2,501.49	\$107.23	\$53.91	\$2,662.63	\$13.48
Expansion Counties	505	2,709.46	107.23	58.16	2,874.85	14.54
GSR Rate	6,977	\$2,516.56	\$107.23	\$54.21	\$2,678.00	\$13.55
LCI						
Non-Expansion Counties	928	\$2,458.76	\$134.41	\$53.60	\$2,646.77	\$13.40
Expansion Counties	769	2,626.90	134.41	57.03	2,818.34	14.26
GSR Rate	1,697	\$2,534.92	\$134.41	\$55.15	\$2,724.48	\$13.79
GSR 5						
Inclusa						
Non-Expansion Counties	438	\$2,636.01	\$107.23	\$56.66	\$2,799.90	\$14.17
Expansion Counties	125	2,031.93	107.23	44.33	2,183.49	11.08
GSR Rate	562	\$2,502.12	\$107.23	\$53.93	\$2,663.28	\$13.49
MCW						
Non-Expansion Counties	3,861	\$2,688.48	\$102.96	\$57.65	\$2,849.09	\$14.41
Expansion Counties	386	2,360.39	102.96	50.95	2,514.30	12.74
GSR Rate	4,247	\$2,658.65	\$102.96	\$57.04	\$2,818.65	\$14.26

Exhibit G
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Final Blended Capitation Rates
Nursing Home Level of Care
Composite Population

	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	
	Composite Population						
	2021 Exposure Months	2021 Net Composite Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Net Composite Capitation Rate	P4P Withhold	2021 Net Capitation Rate Less P4P Withhold
GSR 1							
Inclusa							
Non-Expansion Counties	27,103	\$3,611.02	\$107.23	\$78.33	\$3,796.58	\$19.58	\$3,777.00
Expansion Counties	859	3,130.18	107.23	68.46	3,305.87	17.12	3,288.75
GSR Rate	27,962	\$3,596.25	\$107.23	\$78.03	\$3,781.51	\$19.50	\$3,762.01
MCW							
Non-Expansion Counties	5,086	\$2,696.32	\$102.96	\$58.34	\$2,857.62	\$14.58	\$2,843.04
Expansion Counties	1,350	2,668.98	102.96	58.73	2,830.67	14.68	2,815.99
GSR Rate	6,436	\$2,690.59	\$102.96	\$58.42	\$2,851.97	\$14.60	\$2,837.37
GSR 4							
Inclusa							
Non-Expansion Counties	39,772	\$3,031.81	\$107.23	\$66.56	\$3,205.60	\$16.64	\$3,188.96
Expansion Counties	3,500	3,696.56	107.23	79.79	3,883.58	19.95	3,863.63
GSR Rate	43,272	\$3,085.58	\$107.23	\$67.63	\$3,260.44	\$16.91	\$3,243.53
LCI							
Non-Expansion Counties	5,907	\$2,634.19	\$134.41	\$57.85	\$2,826.45	\$14.46	\$2,811.99
Expansion Counties	4,143	3,054.65	134.41	67.04	3,256.10	16.76	3,239.34
GSR Rate	10,050	\$2,807.51	\$134.41	\$61.64	\$3,003.56	\$15.41	\$2,988.15
GSR 5							
Inclusa							
Non-Expansion Counties	2,204	\$2,878.79	\$107.23	\$62.83	\$3,048.85	\$15.71	\$3,033.14
Expansion Counties	921	3,422.73	107.23	74.85	3,604.81	18.71	3,586.10
GSR Rate	3,125	\$3,039.05	\$107.23	\$66.37	\$3,212.65	\$16.59	\$3,196.06
MCW							
Non-Expansion Counties	29,711	\$3,253.80	\$102.96	\$71.07	\$3,427.83	\$17.77	\$3,410.06
Expansion Counties	1,412	3,014.93	102.96	65.34	3,183.23	16.33	3,166.90
GSR Rate	31,123	\$3,242.97	\$102.96	\$70.81	\$3,416.74	\$17.71	\$3,399.03

Exhibit G
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Final Blended Capitation Rates
Nursing Home Level of Care
Frail Elderly

	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	
	Frail Elderly						
	2021 Exposure Months	2021 Net FE Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Net FE Capitation Rate	P4P Withhold	2021 Net Capitation Rate Less P4P Withhold
GSR 1							
Inclusa							
Non-Expansion Counties	9,212	\$2,767.02	\$107.23	\$58.76	\$2,933.01	\$14.69	\$2,918.32
Expansion Counties	328	2,568.04	107.23	54.70	2,729.97	13.68	2,716.29
GSR Rate	9,540	\$2,760.19	\$107.23	\$58.62	\$2,926.04	\$14.66	\$2,911.38
MCW							
Non-Expansion Counties	2,909	\$2,529.47	\$102.96	\$53.83	\$2,686.26	\$13.46	\$2,672.80
Expansion Counties	584	2,439.28	102.96	51.99	2,594.23	13.00	2,581.23
GSR Rate	3,493	\$2,514.39	\$102.96	\$53.52	\$2,670.87	\$13.38	\$2,657.49
GSR 4							
Inclusa							
Non-Expansion Counties	12,343	\$2,607.71	\$107.23	\$55.51	\$2,770.45	\$13.88	\$2,756.57
Expansion Counties	1,417	2,857.72	107.23	60.61	3,025.56	15.15	3,010.41
GSR Rate	13,760	\$2,633.45	\$107.23	\$56.03	\$2,796.71	\$14.01	\$2,782.70
LCI							
Non-Expansion Counties	3,426	\$2,545.10	\$134.41	\$54.80	\$2,734.31	\$13.70	\$2,720.61
Expansion Counties	1,726	2,559.66	134.41	55.09	2,749.16	13.77	2,735.39
GSR Rate	5,152	\$2,549.98	\$134.41	\$54.90	\$2,739.29	\$13.73	\$2,725.56
GSR 5							
Inclusa							
Non-Expansion Counties	923	\$2,548.87	\$107.23	\$54.31	\$2,710.41	\$13.58	\$2,696.83
Expansion Counties	243	2,310.81	107.23	49.45	2,467.49	12.36	2,455.13
GSR Rate	1,166	\$2,499.21	\$107.23	\$53.30	\$2,659.74	\$13.33	\$2,646.41
MCW							
Non-Expansion Counties	9,696	\$2,647.71	\$102.96	\$56.25	\$2,806.92	\$14.06	\$2,792.86
Expansion Counties	560	2,586.25	102.96	54.99	2,744.20	13.75	2,730.45
GSR Rate	10,255	\$2,644.36	\$102.96	\$56.18	\$2,803.50	\$14.05	\$2,789.45

Exhibit H
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Monthly Rates Net of HCRP Paid to MCOs
Nursing Home Level of Care

MCO / GSR	2021 Exposure Months			
	DD	PD	FE	Total
CCI (GSR 6)	20,361	4,629	14,524	39,515
CCI (GSR 8)	16,613	13,915	14,532	45,060
CCI (GSR 9)	2,328	1,804	3,457	7,588
CCI (GSR 10)	10,478	1,994	7,450	19,922
CCI (GSR 11)	15,605	5,990	9,320	30,915
CCI (GSR 12)	356	364	506	1,227
Inclusa (GSR 1)	14,430	3,992	9,540	27,962
Inclusa (GSR 2)	19,535	7,618	15,545	42,698
Inclusa (GSR 3)	11,627	4,001	7,935	23,563
Inclusa (GSR 4)	22,535	6,977	13,760	43,272
Inclusa (GSR 5)	1,397	562	1,166	3,125
Inclusa (GSR 6)	620	210	643	1,474
Inclusa (GSR 7)	14,349	4,353	11,401	30,103
Inclusa (GSR 9)	-	-	-	-
Inclusa (GSR 10)	-	-	-	-
Inclusa (GSR 13)	2,872	807	1,160	4,839
Inclusa (GSR 14)	4,724	1,265	1,972	7,960
LCI (GSR 4)	3,201	1,697	5,152	10,050
LCI (GSR 9)	15,829	4,535	10,184	30,548
LCI (GSR 10)	2,116	1,117	3,405	6,639
LCI (GSR 13)	23,827	7,047	15,113	45,987
MCW (GSR 1)	1,753	1,190	3,493	6,436
MCW (GSR 2)	3,101	2,029	3,216	8,346
MCW (GSR 3)	2,842	2,143	3,934	8,919
MCW (GSR 5)	16,621	4,247	10,255	31,123
MCW (GSR 6)	12,667	3,585	11,610	27,861
MCW (GSR 8)	28,385	16,376	40,166	84,928
MCW (GSR 11)	2,634	2,148	2,514	7,296
MCW (GSR 12)	7,724	2,392	4,610	14,725
MCW (GSR 14)	3,146	1,374	2,622	7,141

2021 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	(D) = (A) + (B) + (C)			2021 Net Capitation Rate Less P4P Withhold
			2021 Net Capitation Rate	P4P Withhold	(F) = (D) - (E)	
\$4,101.63	\$113.68	\$90.51	\$4,305.82	\$22.63	\$4,283.19	
4,193.93	113.68	92.39	4,400.00	23.10	4,376.90	
3,276.30	113.68	73.67	3,463.65	18.42	3,445.23	
3,905.94	113.68	86.52	4,106.14	21.63	4,084.51	
4,078.29	113.68	90.03	4,282.00	22.51	4,259.49	
4,471.07	113.68	98.05	4,682.80	24.51	4,658.29	
4,382.25	107.23	96.10	4,585.58	24.03	4,561.55	
3,806.85	107.23	84.36	3,998.44	21.09	3,977.35	
3,660.86	107.23	81.38	3,849.47	20.35	3,829.12	
3,537.82	107.23	78.87	3,723.92	19.72	3,704.20	
3,705.47	107.23	82.28	3,894.98	20.57	3,874.41	
3,832.04	107.23	84.87	4,024.14	21.22	4,002.92	
3,777.34	107.23	83.76	3,968.33	20.94	3,947.39	
3,765.59	107.23	79.03	3,951.85	19.76	3,932.09	
4,094.71	107.23	85.75	4,287.69	21.44	4,266.25	
4,376.35	107.23	95.98	4,579.56	24.00	4,555.56	
4,845.05	107.23	105.55	5,057.83	26.39	5,031.44	
3,366.56	134.41	75.93	3,576.90	18.98	3,557.92	
3,582.19	134.41	80.34	3,796.94	20.08	3,776.86	
3,700.89	134.41	82.76	3,918.06	20.69	3,897.37	
3,830.41	134.41	85.40	4,050.22	21.35	4,028.87	
3,175.72	102.96	71.39	3,350.07	17.85	3,332.22	
2,776.84	102.96	63.26	2,943.06	15.81	2,927.25	
2,938.71	102.96	66.56	3,108.23	16.64	3,091.59	
3,761.62	102.96	83.35	3,947.93	20.83	3,927.10	
4,206.62	102.96	92.44	4,402.02	23.11	4,378.91	
3,896.41	102.96	86.10	4,085.47	21.53	4,063.94	
4,335.28	102.96	95.06	4,533.30	23.76	4,509.54	
4,471.07	102.96	97.83	4,671.86	24.46	4,647.40	
3,530.61	102.96	78.64	3,712.21	19.66	3,692.55	

2021 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	(D) = (A) + (B) + (C)			2021 Net Capitation Rate Less P4P Withhold
			2021 Net Capitation Rate	P4P Withhold	(F) = (D) - (E)	
\$3,021.82	\$113.68	\$64.67	\$3,200.17	\$16.17	\$3,184.00	
2,767.10	113.68	59.47	2,940.25	14.87	2,925.38	
2,377.35	113.68	51.52	2,542.55	12.88	2,529.67	
2,748.49	113.68	59.09	2,921.26	14.77	2,906.49	
2,835.84	113.68	60.87	3,010.39	15.22	2,995.17	
3,460.81	113.68	73.63	3,648.12	18.41	3,629.71	
2,752.94	107.23	59.04	2,919.21	14.76	2,904.45	
2,289.82	107.23	49.59	2,446.64	12.40	2,434.24	
2,342.46	107.23	50.67	2,500.36	12.67	2,487.69	
2,516.56	107.23	54.21	2,678.00	13.55	2,664.45	
2,502.12	107.23	53.93	2,663.28	13.49	2,649.79	
2,994.92	107.23	63.98	3,166.13	16.00	3,150.13	
2,505.72	107.23	54.00	2,666.95	13.50	2,653.45	
2,420.15	107.23	51.58	2,578.96	12.89	2,566.07	
2,741.87	107.23	58.14	2,907.24	14.54	2,892.70	
3,120.40	107.23	66.54	3,294.17	16.64	3,277.53	
2,570.40	107.23	55.32	2,732.95	13.83	2,719.12	
2,534.92	134.41	55.15	2,724.48	13.79	2,710.69	
2,390.63	134.41	52.21	2,577.25	13.05	2,564.20	
2,641.78	134.41	57.34	2,833.53	14.33	2,819.20	
2,957.56	134.41	63.78	3,155.75	15.94	3,139.81	
2,493.25	102.96	53.66	2,649.87	13.42	2,636.45	
1,973.90	102.96	43.06	2,119.92	10.77	2,109.15	
2,154.34	102.96	46.75	2,304.05	11.69	2,292.36	
2,658.65	102.96	57.04	2,818.65	14.26	2,804.39	
3,036.42	102.96	64.75	3,204.13	16.19	3,187.94	
2,455.23	102.96	54.72	2,702.91	13.68	2,689.23	
2,434.24	102.96	52.46	2,589.66	13.11	2,576.55	
3,889.00	102.96	82.15	4,074.11	20.54	4,053.57	
3,021.06	102.96	64.43	3,188.45	16.11	3,172.34	

MCO / GSR	2021 Exposure Months			
	DD	PD	FE	Total
CCI (GSR 6)	20,361	4,629	14,524	39,515
CCI (GSR 8)	16,613	13,915	14,532	45,060
CCI (GSR 9)	2,328	1,804	3,457	7,588
CCI (GSR 10)	10,478	1,994	7,450	19,922
CCI (GSR 11)	15,605	5,990	9,320	30,915
CCI (GSR 12)	356	364	506	1,227
Inclusa (GSR 1)	14,430	3,992	9,540	27,962
Inclusa (GSR 2)	19,535	7,618	15,545	42,698
Inclusa (GSR 3)	11,627	4,001	7,935	23,563
Inclusa (GSR 4)	22,535	6,977	13,760	43,272
Inclusa (GSR 5)	1,397	562	1,166	3,125
Inclusa (GSR 6)	620	210	643	1,474
Inclusa (GSR 7)	14,349	4,353	11,401	30,103
Inclusa (GSR 9)	-	-	-	-
Inclusa (GSR 10)	-	-	-	-
Inclusa (GSR 13)	2,872	807	1,160	4,839
Inclusa (GSR 14)	4,724	1,265	1,972	7,960
LCI (GSR 4)	3,201	1,697	5,152	10,050
LCI (GSR 9)	15,829	4,535	10,184	30,548
LCI (GSR 10)	2,116	1,117	3,405	6,639
LCI (GSR 13)	23,827	7,047	15,113	45,987
MCW (GSR 1)	1,753	1,190	3,493	6,436
MCW (GSR 2)	3,101	2,029	3,216	8,346
MCW (GSR 3)	2,842	2,143	3,934	8,919
MCW (GSR 5)	16,621	4,247	10,255	31,123
MCW (GSR 6)	12,667	3,585	11,610	27,861
MCW (GSR 8)	28,385	16,376	40,166	84,928
MCW (GSR 11)	2,634	2,148	2,514	7,296
MCW (GSR 12)	7,724	2,392	4,610	14,725
MCW (GSR 14)	3,146	1,374	2,622	7,141

2021 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	(D) = (A) + (B) + (C)			2021 Net Capitation Rate Less P4P Withhold
			2021 Net Capitation Rate	P4P Withhold	(F) = (D) - (E)	
\$2,954.21	\$113.68	\$62.72	\$3,130.61	\$15.68	\$3,114.93	
2,789.31	113.68	59.36	2,962.35	14.84	2,947.51	
2,633.99	113.68	56.19	2,803.86	14.05	2,789.81	
2,693.12	113.68	57.39	2,864.19	14.35	2,849.84	
2,812.02	113.68	59.82	2,985.52	14.95	2,970.57	
3,532.54	113.68	74.52	3,720.74	18.63	3,702.11	
2,760.19	107.23	58.62	2,926.04	14.66	2,911.38	
2,552.07	107.23	54.38	2,713.68	13.60	2,700.08	
2,538.66	107.23	54.10	2,699.99	13.53	2,686.46	
2,633.45	107.23	56.03	2,796.71	14.01	2,782.70	
2,499.21	107.23	53.30	2,659.74	13.33	2,646.41	
2,793.41	107.23	59.30	2,959.94	14.83	2,945.11	
2,560.84	107.23	54.56	2,722.63	13.64	2,708.99	
2,645.89	107.23	56.18	2,809.30	14.05	2,795.25	
2,676.21	107.23	56.80	2,840.24	14.20	2,826.04	
2,559.87	107.23	54.54	2,721.64	13.64	2,708.00	
2,938.94	107.23	62.27	3,108.44	15.57	3,092.87	
2,549.98	134.41	54.90	2,739.29	13.73	2,725.56	
2,642.63	134.41	56.79	2,833.83	14.20	2,819.63	
2,619.55	134.41	56.32	2,810.28	14.08	2,796.20	
2,901.09	134.41	62.06	3,097.56	15.51	3,082.05	
2,514.39	102.96	53.52	2,670.87	13.38	2,657.49	
2,269.41	102.96	48.53	2,420.90	12.13	2,408.77	
2,309.37	102.96	49.34	2,461.67	12.34	2,449.33	
2,644.36	102.96	56.18	2,803.50	14.05	2,789.45	
3,006.15	102.96	63.56	3,172.67	15.89	3,156.78	
2,660.41	102.96	56.51	2,819.88	14.13	2,805.75	
3,009.92	102.96	63.64	3,176.52	15.91	3,160.61	
3,618.87	102.96	76.07	3,797.90	19.02	3,778.88	
2,645.55	102.96	56.20	2,804.71	14.05	2,790.66	

2021 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	(D) = (A) + (B) + (C)			2021 Net Capitation Rate Less P4P Withhold
			2021 Net Capitation Rate	P4P Withhold	(F) = (D) - (E)	
\$3,553.36	\$113.68	\$77.27	\$3,744.31	\$19.32	\$3,724.99	
3,300.31	113.68	71.57	3,485.56	17.89	3,467.67	
2,770.01	113.68	60.44	2,944.13	15.11	2,929.02	
3,336.54	113.68	72.88	3,523.10	18.22	3,504.88	
3,455.82	113.68	75.28	3,644.78	18.82	3,625.96	
3,783.83	113.68	81.09	3,978.60	20.27	3,958.33	
3,596.25	107.23	78.03	3,781.51	19.50	3,762.01	
3,079.36	107.23	67.24	3,253.83	16.81	3,237.02	
3,059.10	107.23	66.98	3,233.31	16.75	3,216.56	
3,085.58	107.23	67.63	3,260.44	16.91	3,243.53	
3,039.05	107.23	66.37	3,212.65	16.59	3,196.06	
3,259.28	107.23	70.73	3,437.24	17.68	3,419.56	
3,132.73	107.23	68.39	3,308.35	17.10	3,291.25	
3,141.45	107.23	66.30	3,314.98	16.57	3,298.41	
3,356.49	107.23	70.68	3,534.40	17.67		

EXHIBITS I through P

Capitation Rate Development – Non-Nursing Home Level Care

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

This report assumes that the reader is familiar with the State of Wisconsin's Medicaid program, its benefits, and rate setting principles. The report was prepared solely to provide assistance to DHS to set CY 2021 capitation rates for the Family Care program. It may not be appropriate for other purposes. Milliman does not intend to benefit, and assumes no duty or liability to, other parties who receive this work. This material should only be reviewed in its entirety.

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Care WI (GSR 1 - Non-Expansion Counties)			Care WI (GSR 1 - Expansion Counties)			Care WI (GSR 2)			Care WI (GSR 3)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	57	117	38	14	0	0	152	303	98	118	211	153
Category of Service												
Adaptive Equipment	\$2.52	\$13.54	\$6.84	\$0.00	\$0.00	\$0.00	\$8.10	\$37.92	\$24.78	\$1.89	\$37.28	\$19.51
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00
Case Management	171.95	302.59	331.99	339.38	0.00	2,040.60	327.31	282.14	218.95	244.75	266.49	264.46
Financial Management	0.00	2.78	2.16	0.00	0.00	0.00	10.24	6.09	10.13	0.74	9.58	8.10
Habilitation/Health	7.66	3.90	0.64	0.00	0.00	0.00	8.88	4.64	65.20	40.57	27.52	3.49
Home Care	0.00	40.06	11.41	0.00	0.00	0.00	10.37	15.56	18.42	30.02	135.64	34.78
Home Health Care	0.00	0.00	0.00	5.59	0.00	0.00	0.00	0.00	0.00	3.75	0.00	10.62
Institutional	0.00	5.41	9.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.16	63.41
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.08	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	2.76	38.53	119.05	0.00	0.00	0.00	130.15	63.28	128.68	27.27	242.08	46.36
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	1.74	0.00	0.00
Grand Total	\$184.88	\$406.81	\$481.17	\$344.96	\$0.00	\$2,040.60	\$495.53	\$411.33	\$469.23	\$350.74	\$742.75	\$450.74
Composite PMPM		\$359.96			\$348.87			\$444.78			\$554.16	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Care WI (GSR 5 - Non-Expansion Counties)			Care WI (GSR 5 - Expansion Counties)			Care WI (GSR 6)			Care WI (GSR 11)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	415	210	72	20	7	0	214	165	65	11	48	3
Category of Service												
Adaptive Equipment	\$7.04	\$29.82	\$17.00	\$0.00	\$0.00	\$0.00	\$9.68	\$46.83	\$20.95	\$4.06	\$73.44	\$16.91
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	277.62	425.81	403.49	385.58	331.68	0.00	323.53	325.52	425.61	196.31	346.58	574.50
Financial Management	26.61	15.82	3.83	30.85	0.00	0.00	19.22	7.99	3.73	0.00	18.62	77.80
Habilitation/Health	16.69	14.27	1.79	65.97	0.00	0.00	32.32	16.98	4.58	0.00	26.20	0.00
Home Care	54.00	47.08	97.38	123.25	61.72	0.00	35.17	41.79	130.32	0.00	188.49	337.38
Home Health Care	1.03	11.40	14.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Institutional	0.00	10.20	76.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.37	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	170.28	135.35	279.29	80.53	64.25	0.00	176.56	55.18	79.93	26.26	99.51	0.00
Vocational	12.25	0.00	0.00	0.00	110.58	0.00	5.70	0.00	0.00	0.00	0.00	0.00
Grand Total	\$565.53	\$689.75	\$893.87	\$686.18	\$568.22	\$0.00	\$602.18	\$494.29	\$665.13	\$226.62	\$766.21	\$1,006.58
Composite PMPM		\$636.79			\$654.09			\$571.30			\$681.65	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Care WI (GSR 12)			Care WI (GSR 13)			CCI (GSR 6)			CCI (GSR 8)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	117	75	10	195	79	32	281	256	91	217	777	180
Category of Service												
Adaptive Equipment	\$0.45	\$27.32	\$35.77	\$7.38	\$46.92	\$30.68	\$4.17	\$24.29	\$11.69	\$0.69	\$24.84	\$15.72
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	355.09	276.34	325.31	270.15	342.93	292.84	250.58	377.52	421.96	224.71	278.57	353.43
Financial Management	12.23	0.00	0.00	7.33	10.98	33.05	8.54	22.52	2.67	6.74	8.01	6.18
Habilitation/Health	8.44	9.00	0.00	5.06	4.97	0.00	15.29	12.05	4.54	49.70	17.46	6.64
Home Care	14.86	0.00	102.56	62.24	0.88	283.69	22.89	142.26	108.02	63.70	64.67	109.57
Home Health Care	0.00	0.00	0.00	0.00	35.67	0.00	0.00	5.01	14.07	4.32	4.40	0.00
Institutional	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.39	0.00	15.40	32.63	59.30
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.32	10.28	28.98	14.26
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	16.97	35.28	11.16	24.63	130.70	148.92	50.15	35.48	34.50	120.15	124.82	44.67
Vocational	19.95	0.00	0.00	57.77	0.00	0.00	0.16	0.00	0.00	1.39	0.00	0.00
Grand Total	\$427.99	\$347.93	\$474.80	\$434.56	\$573.04	\$789.19	\$351.77	\$660.53	\$623.77	\$497.08	\$584.39	\$609.77
Composite PMPM		\$400.80			\$506.94			\$517.01			\$572.15	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	CCI (GSR 9)			CCI (GSR 10)			CCI (GSR 11)			Inclusa (GSR 1 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	111	218	108	137	268	74	142	236	120	108	188	86
Category of Service												
Adaptive Equipment	\$1.35	\$19.52	\$14.99	\$10.52	\$24.67	\$22.82	\$5.82	\$16.76	\$13.62	\$5.70	\$20.10	\$19.70
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	303.94	338.19	423.98	251.38	333.79	359.35	242.79	310.18	328.33	313.42	348.20	552.64
Financial Management	17.18	16.46	36.69	12.61	6.74	12.02	14.12	2.61	11.40	2.91	0.43	0.00
Habilitation/Health	22.29	15.01	7.83	6.11	1.96	10.75	18.39	14.50	1.96	0.23	13.74	1.73
Home Care	23.36	127.02	130.85	36.47	60.99	83.01	65.55	47.56	129.11	2.52	12.84	13.79
Home Health Care	0.00	5.11	26.99	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Institutional	0.00	53.84	0.00	0.00	2.55	0.00	11.35	116.50	0.00	0.00	0.00	0.00
Other	0.00	6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	25.19	0.00	4.46	0.00	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	20.54	37.58	12.25	39.65	70.23	29.79	44.06	72.56	86.46	8.17	46.46	31.03
Vocational	26.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	\$414.87	\$619.62	\$653.59	\$356.75	\$501.57	\$542.93	\$402.07	\$585.13	\$570.87	\$332.96	\$441.78	\$618.89
Composite PMPM		\$576.09			\$466.56			\$529.63			\$450.92	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Inclusa (GSR 1 - Expansion Counties)			Inclusa (GSR 2)			Inclusa (GSR 3)			Inclusa (GSR 4 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	0	7	0	510	560	152	424	624	250	881	587	170
Category of Service												
Adaptive Equipment	\$0.00	\$59.44	\$0.00	\$5.26	\$28.17	\$5.67	\$8.29	\$54.49	\$19.36	\$5.07	\$24.97	\$15.41
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	0.00	380.21	0.00	318.43	396.79	402.25	331.11	383.51	404.15	313.79	383.19	436.45
Financial Management	0.00	0.00	0.00	5.06	1.04	0.00	3.30	7.70	7.43	1.54	3.18	1.48
Habilitation/Health	0.00	28.14	0.00	11.40	24.83	0.98	34.30	14.06	1.70	12.75	12.95	15.38
Home Care	0.00	0.00	0.00	3.99	17.03	0.33	3.05	75.88	80.18	17.83	38.06	29.93
Home Health Care	0.00	0.00	0.00	0.00	0.46	0.00	0.29	7.13	2.74	0.63	1.72	5.68
Institutional	0.00	0.00	0.00	0.00	0.00	32.50	0.00	7.38	27.10	0.00	5.31	0.00
Other	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.02	0.00	0.00	3.58	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00
Transportation	0.00	113.60	0.00	33.15	41.71	2.74	39.71	50.65	53.20	29.62	51.76	52.53
Vocational	0.00	0.00	0.00	1.57	1.43	0.00	0.00	2.23	0.00	31.45	0.00	39.13
Grand Total	\$0.00	\$581.38	\$0.00	\$378.86	\$512.61	\$444.48	\$420.06	\$632.80	\$595.87	\$412.67	\$524.72	\$596.00
Composite PMPM		\$581.38			\$448.29			\$556.15			\$471.90	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Inclusa (GSR 4 - Expansion Counties)			Inclusa (GSR 5 - Non-Expansion Counties)			Inclusa (GSR 5 - Expansion Counties)			Inclusa (GSR 6)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	14	5	25	38	0	12	0	13	12	3	12	2
Category of Service												
Adaptive Equipment	\$0.00	\$34.21	\$16.67	\$1.34	\$0.00	\$38.81	\$0.00	\$0.00	\$98.86	\$0.00	\$7.98	\$31.57
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	288.86	1,798.12	516.07	408.18	0.00	389.99	0.00	308.38	503.61	234.14	415.98	1,452.20
Financial Management	0.00	0.00	0.00	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Habilitation/Health	0.00	0.00	1.04	13.50	0.00	9.80	0.00	0.00	23.49	0.00	0.00	0.00
Home Care	0.00	0.00	0.00	212.81	0.00	28.82	0.00	0.00	0.00	0.00	0.00	19.38
Home Health Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Institutional	0.00	0.00	0.00	213.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	2.63	97.67	23.64	119.29	0.00	0.00	0.00	0.00	0.00	0.00	138.00	0.00
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	\$291.48	\$1,930.01	\$557.43	\$971.64	\$0.00	\$467.43	\$0.00	\$308.38	\$625.95	\$234.14	\$561.96	\$1,503.14
Composite PMPM		\$640.98			\$847.26			\$462.60			\$627.59	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Inclusa (GSR 7)			Inclusa (GSR 14)			LCI (GSR 4 - Non-Expansion Counties)			LCI (GSR 4 - Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	169	249	133	83	13	35	36	12	21	12	10	9
Category of Service												
Adaptive Equipment	\$4.63	\$44.21	\$19.73	\$5.15	\$27.11	\$25.27	\$7.68	\$1.37	\$9.06	\$0.00	\$31.28	\$44.92
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	379.96	360.33	430.19	472.58	1,733.11	650.28	667.35	1,204.16	705.29	215.70	1,024.37	543.87
Financial Management	9.53	11.93	10.64	2.48	0.00	0.00	0.00	3.36	0.00	0.00	0.00	0.00
Habilitation/Health	11.29	20.85	23.75	6.71	0.00	0.00	15.89	18.74	0.00	0.00	48.37	0.00
Home Care	17.59	49.15	32.72	0.00	0.00	31.73	11.01	11.11	79.08	0.00	0.00	0.00
Home Health Care	0.00	5.01	6.86	0.00	0.00	0.00	0.00	16.51	0.00	0.00	0.00	0.00
Institutional	0.00	33.50	34.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	28.22	68.35	47.35	18.06	4.42	49.99	27.99	82.96	0.00	0.00	114.96	32.58
Vocational	22.99	11.92	0.00	50.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	\$478.02	\$605.25	\$606.02	\$555.10	\$1,764.64	\$757.27	\$729.92	\$1,338.21	\$793.43	\$215.70	\$1,218.99	\$621.37
Composite PMPM		\$566.55			\$726.60			\$856.30			\$651.81	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	LCI (GSR 9)			LCI (GSR 10)			LCI (GSR 13)			MCFCI (GSR 2)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	355	333	121	9	30	1	208	124	46	0	48	17
Category of Service												
Adaptive Equipment	\$3.33	\$44.89	\$26.44	\$0.00	\$3.00	\$0.00	\$0.61	\$20.33	\$40.77	\$0.00	\$140.54	\$28.85
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00
Case Management	279.00	316.99	319.23	916.68	419.26	696.36	318.61	401.58	587.86	0.00	753.81	512.32
Financial Management	0.00	0.00	0.35	0.00	5.75	0.00	1.41	0.70	0.00	0.00	18.96	0.00
Habilitation/Health	5.87	35.59	3.56	0.00	4.16	0.00	7.53	13.85	1.50	0.00	0.00	0.00
Home Care	0.90	8.88	11.78	0.00	97.04	0.00	0.61	66.39	29.61	0.00	0.00	0.00
Home Health Care	0.00	0.26	1.41	0.00	0.00	0.00	0.00	8.94	84.25	0.00	0.00	0.00
Institutional	0.00	8.56	0.00	0.00	54.61	0.00	4.28	0.00	177.04	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	13.54	68.31	43.80	162.22	167.04	0.00	10.70	84.17	46.56	0.00	31.02	27.08
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	0.00	0.00	0.00	0.00
Grand Total	\$302.64	\$483.48	\$406.58	\$1,078.90	\$750.84	\$696.36	\$357.30	\$595.97	\$967.60	\$0.00	\$944.33	\$568.25
Composite PMPM		\$392.60			\$820.58			\$509.49			\$846.98	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	MCFCI (GSR 3)			MCFCI (GSR 6)			MCFCI (GSR 8)			MCFCI (GSR 11)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	6	36	16	35	22	22	237	544	427	7	3	0
Category of Service												
Adaptive Equipment	\$11.32	\$17.22	\$9.74	\$0.00	\$4.38	\$9.58	\$7.97	\$16.96	\$15.74	\$0.00	\$28.23	\$0.00
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	556.29	557.89	547.56	190.64	398.06	377.95	311.19	387.46	319.41	1,060.10	807.89	0.00
Financial Management	7.10	1.83	23.80	0.00	0.00	0.00	0.57	0.27	0.25	0.00	0.00	0.00
Habilitation/Health	0.00	1.11	0.00	0.00	0.00	187.81	15.97	30.33	37.60	0.00	0.00	0.00
Home Care	0.00	24.17	0.00	0.00	1.15	0.00	3.51	8.70	2.01	0.00	0.00	0.00
Home Health Care	0.00	2.40	0.00	0.00	0.00	0.00	4.03	3.04	3.69	0.00	0.00	0.00
Institutional	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.96	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	16.45	0.00	2.11	0.00	0.00	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transportation	4.06	80.39	20.70	4.23	36.15	0.00	23.83	26.14	15.55	4.41	124.18	0.00
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	\$578.76	\$685.01	\$601.80	\$194.87	\$439.74	\$575.34	\$383.52	\$472.89	\$414.33	\$1,064.51	\$960.30	\$0.00
Composite PMPM		\$650.59			\$369.58			\$434.64			\$1,034.57	

Exhibit I
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Summary of 2019 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	MCFCI (GSR 12)			MCFCI (GSR 14)			Grand Total - Base Data			Grand Total		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	41	15	12	114	86	105	5,273	6,357	2,650	5,492	6,489	2,719
Category of Service												
Adaptive Equipment	\$7.04	\$0.46	\$2.30	\$0.00	\$56.70	\$21.33	\$5.29	\$31.67	\$17.84	\$5.14	\$31.48	\$18.27
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08	0.00	0.02	0.08	0.00
Case Management	295.79	486.29	186.56	283.16	282.19	318.44	303.95	356.50	379.17	305.14	357.97	380.50
Financial Management	6.95	0.00	0.00	0.00	4.54	0.00	6.79	6.40	5.95	6.94	6.27	5.80
Habilitation/Health	69.55	0.00	0.00	26.32	167.10	48.95	16.69	19.17	16.33	16.97	18.98	16.03
Home Care	0.00	0.00	0.00	0.00	0.00	0.00	22.06	50.27	51.30	21.94	49.33	50.39
Home Health Care	0.00	0.00	0.00	0.00	0.00	0.00	0.65	3.35	5.66	0.64	3.28	5.52
Institutional	0.00	292.01	0.00	0.00	0.00	0.00	2.63	16.51	22.01	2.52	16.84	21.45
Other	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.05	0.33	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	1.28	6.79	3.03	1.23	6.65	2.95
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.17	0.00
Transportation	3.62	15.01	60.23	25.12	24.80	14.57	53.21	71.03	48.67	51.78	70.48	48.08
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.81	2.52	11.42	0.92	2.45
Grand Total	\$388.98	\$793.77	\$249.08	\$334.59	\$535.32	\$403.30	\$424.02	\$563.11	\$552.48	\$423.80	\$562.80	\$551.45
Composite PMPM		\$451.53			\$414.80			\$509.78			\$508.77	

Exhibit J
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Non-Nursing Home Level of Care

DD Development	CY 2019 Base Experience		ILO Adjustment	IBNR Adjustment	2019 DD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	57	\$184.88	0.9650	1.0047	\$179.24
Care WI (GSR 2)	152	495.53	0.9650	1.0047	480.41
Care WI (GSR 3)	118	350.74	0.9650	1.0047	340.04
Care WI (GSR 5 - Non-Expansion Counties)	415	565.53	0.9650	1.0047	548.27
Care WI (GSR 6)	214	602.18	0.9650	1.0047	583.80
Care WI (GSR 11)	11	226.62	0.9650	1.0047	219.71
Care WI (GSR 13)	195	434.56	0.9650	1.0047	421.30
CCI (GSR 6)	281	351.77	0.9654	1.0050	341.30
CCI (GSR 8)	217	497.08	0.9654	1.0050	482.29
CCI (GSR 9)	111	414.87	0.9654	1.0050	402.52
CCI (GSR 10)	137	356.75	0.9654	1.0050	346.13
CCI (GSR 11)	142	402.07	0.9654	1.0050	390.11
Inclusa (GSR 1 - Non-Expansion Counties)	108	332.96	0.9842	1.0044	329.13
Inclusa (GSR 2)	510	378.86	0.9842	1.0044	374.50
Inclusa (GSR 3)	424	420.06	0.9842	1.0044	415.23
Inclusa (GSR 4 - Non-Expansion Counties)	881	412.67	0.9842	1.0044	407.92
Inclusa (GSR 5 - Non-Expansion Counties)	38	971.64	0.9842	1.0044	960.46
Inclusa (GSR 6)	3	234.14	0.9842	1.0044	231.44
Inclusa (GSR 7)	169	478.02	0.9842	1.0044	472.52
Inclusa (GSR 14)	83	555.10	0.9842	1.0044	548.71
LCI (GSR 4 - Non-Expansion Counties)	36	729.92	0.9926	1.0036	727.13
LCI (GSR 9)	355	302.64	0.9926	1.0036	301.48
LCI (GSR 10)	9	1,078.90	0.9926	1.0036	1,074.78
LCI (GSR 13)	208	357.30	0.9926	1.0036	355.94
MCFCI (GSR 2)	0	0.00	0.9931	1.0075	0.00
MCFCI (GSR 3)	6	578.76	0.9931	1.0075	579.07
MCFCI (GSR 6)	35	194.87	0.9931	1.0075	194.97
MCFCI (GSR 8)	237	383.52	0.9931	1.0075	383.73
MCFCI (GSR 11)	7	1,064.51	0.9931	1.0075	1,065.08
MCFCI (GSR 14)	114	334.59	0.9931	1.0075	334.77
Total DD Experience Data	5,273	\$424.02	0.9776	1.0047	\$416.47

PD Development	CY 2019 Base Experience		ILO Adjustment	IBNR Adjustment	2019 PD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	117	\$406.81	0.9650	1.0047	\$394.39
Care WI (GSR 2)	303	411.33	0.9650	1.0047	398.78
Care WI (GSR 3)	211	742.75	0.9650	1.0047	720.09
Care WI (GSR 5 - Non-Expansion Counties)	210	689.75	0.9650	1.0047	668.70
Care WI (GSR 6)	165	494.29	0.9650	1.0047	479.20
Care WI (GSR 11)	48	766.21	0.9650	1.0047	742.83
Care WI (GSR 13)	79	573.04	0.9650	1.0047	555.56
CCI (GSR 6)	256	660.53	0.9654	1.0050	640.87
CCI (GSR 8)	777	584.39	0.9654	1.0050	566.99
CCI (GSR 9)	218	619.62	0.9654	1.0050	601.18
CCI (GSR 10)	268	501.57	0.9654	1.0050	486.64
CCI (GSR 11)	236	585.13	0.9654	1.0050	567.71
Inclusa (GSR 1 - Non-Expansion Counties)	188	441.78	0.9842	1.0044	436.69
Inclusa (GSR 2)	560	512.61	0.9842	1.0044	506.72
Inclusa (GSR 3)	624	632.80	0.9842	1.0044	625.52
Inclusa (GSR 4 - Non-Expansion Counties)	587	524.72	0.9842	1.0044	518.69
Inclusa (GSR 5 - Non-Expansion Counties)	0	0.00	0.9842	1.0044	0.00
Inclusa (GSR 6)	12	561.96	0.9842	1.0044	555.49
Inclusa (GSR 7)	249	605.25	0.9842	1.0044	598.29
Inclusa (GSR 14)	13	1,764.64	0.9842	1.0044	1,744.35
LCI (GSR 4 - Non-Expansion Counties)	12	1,338.21	0.9926	1.0036	1,333.10
LCI (GSR 9)	333	483.48	0.9926	1.0036	481.64
LCI (GSR 10)	30	750.84	0.9926	1.0036	747.98
LCI (GSR 13)	124	595.97	0.9926	1.0036	593.69
MCFCI (GSR 2)	48	944.33	0.9931	1.0075	944.83
MCFCI (GSR 3)	36	685.01	0.9931	1.0075	685.37
MCFCI (GSR 6)	22	439.74	0.9931	1.0075	439.97
MCFCI (GSR 8)	544	472.89	0.9931	1.0075	473.14
MCFCI (GSR 11)	3	960.30	0.9931	1.0075	960.81
MCFCI (GSR 14)	86	535.32	0.9931	1.0075	535.61
Total PD Experience Data	6,357	\$563.11	0.9770	1.0049	\$552.82

Exhibit J
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
2019 Base Data Development
Non-Nursing Home Level of Care

FE Development	CY 2019 Base Experience		ILO Adjustment	IBNR Adjustment	2019 FE Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	38	\$481.17	0.9650	1.0047	\$466.49
Care WI (GSR 2)	98	469.23	0.9650	1.0047	454.91
Care WI (GSR 3)	153	450.74	0.9650	1.0047	436.98
Care WI (GSR 5 - Non-Expansion Counties)	72	893.87	0.9650	1.0047	866.59
Care WI (GSR 6)	65	665.13	0.9650	1.0047	644.83
Care WI (GSR 11)	3	1,006.58	0.9650	1.0047	975.87
Care WI (GSR 13)	32	789.19	0.9650	1.0047	765.10
CCI (GSR 6)	91	623.77	0.9654	1.0050	605.20
CCI (GSR 8)	180	609.77	0.9654	1.0050	591.62
CCI (GSR 9)	108	653.59	0.9654	1.0050	634.13
CCI (GSR 10)	74	542.93	0.9654	1.0050	526.76
CCI (GSR 11)	120	570.87	0.9654	1.0050	553.88
Inclusa (GSR 1 - Non-Expansion Counties)	86	618.89	0.9842	1.0044	611.77
Inclusa (GSR 2)	152	444.48	0.9842	1.0044	439.36
Inclusa (GSR 3)	250	595.87	0.9842	1.0044	589.01
Inclusa (GSR 4 - Non-Expansion Counties)	170	596.00	0.9842	1.0044	589.15
Inclusa (GSR 5 - Non-Expansion Counties)	12	467.43	0.9842	1.0044	462.05
Inclusa (GSR 6)	2	1,503.14	0.9842	1.0044	1,485.85
Inclusa (GSR 7)	133	606.02	0.9842	1.0044	599.05
Inclusa (GSR 14)	35	757.27	0.9842	1.0044	748.56
LCI (GSR 4 - Non-Expansion Counties)	21	793.43	0.9926	1.0036	790.40
LCI (GSR 9)	121	406.58	0.9926	1.0036	405.03
LCI (GSR 10)	1	696.36	0.9926	1.0036	693.70
LCI (GSR 13)	46	967.60	0.9926	1.0036	963.90
MCFCI (GSR 2)	17	568.25	0.9931	1.0075	568.55
MCFCI (GSR 3)	16	601.80	0.9931	1.0075	602.12
MCFCI (GSR 6)	22	575.34	0.9931	1.0075	575.64
MCFCI (GSR 8)	427	414.33	0.9931	1.0075	414.55
MCFCI (GSR 11)	0	0.00	0.9931	1.0075	0.00
MCFCI (GSR 14)	105	403.30	0.9931	1.0075	403.51
Total FE Experience Data	2,650	\$552.48	0.9784	1.0050	\$543.28

Composite	CY 2019 Base Experience		ILO Adjustment	IBNR Adjustment	2019 Composite Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	212	\$359.96	0.9650	1.0047	\$348.98
Care WI (GSR 2)	553	444.78	0.9650	1.0047	431.20
Care WI (GSR 3)	483	554.16	0.9650	1.0047	537.25
Care WI (GSR 5 - Non-Expansion Counties)	697	636.79	0.9650	1.0047	617.36
Care WI (GSR 6)	445	571.30	0.9650	1.0047	553.86
Care WI (GSR 11)	63	681.65	0.9650	1.0047	660.85
Care WI (GSR 13)	306	506.94	0.9650	1.0047	491.47
CCI (GSR 6)	628	517.01	0.9654	1.0050	501.62
CCI (GSR 8)	1,173	572.15	0.9654	1.0050	555.11
CCI (GSR 9)	436	576.09	0.9654	1.0050	558.94
CCI (GSR 10)	479	466.56	0.9654	1.0050	452.67
CCI (GSR 11)	498	529.63	0.9654	1.0050	513.87
Inclusa (GSR 1 - Non-Expansion Counties)	382	450.92	0.9842	1.0044	445.73
Inclusa (GSR 2)	1,222	448.29	0.9842	1.0044	443.14
Inclusa (GSR 3)	1,298	556.15	0.9842	1.0044	549.75
Inclusa (GSR 4 - Non-Expansion Counties)	1,638	471.90	0.9842	1.0044	466.47
Inclusa (GSR 5 - Non-Expansion Counties)	50	847.26	0.9842	1.0044	837.51
Inclusa (GSR 6)	18	627.59	0.9842	1.0044	620.37
Inclusa (GSR 7)	551	566.55	0.9842	1.0044	560.04
Inclusa (GSR 14)	130	726.60	0.9842	1.0044	718.25
LCI (GSR 4 - Non-Expansion Counties)	69	856.30	0.9926	1.0036	853.03
LCI (GSR 9)	810	392.60	0.9926	1.0036	391.10
LCI (GSR 10)	39	820.58	0.9926	1.0036	817.45
LCI (GSR 13)	378	509.49	0.9926	1.0036	507.54
MCFCI (GSR 2)	65	846.98	0.9931	1.0075	847.43
MCFCI (GSR 3)	58	650.59	0.9931	1.0075	650.94
MCFCI (GSR 6)	78	369.58	0.9931	1.0075	369.77
MCFCI (GSR 8)	1,208	434.64	0.9931	1.0075	434.87
MCFCI (GSR 11)	10	1,034.57	0.9931	1.0075	1,035.11
MCFCI (GSR 14)	305	414.80	0.9931	1.0075	415.02
Total Experience Data	14,280	\$509.78	0.9775	1.0048	\$500.70

Exhibit K
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Illustration of Functional Based PMPMs and Membership Distributions
Non-Nursing Home Level of Care

Functional PMPM Calculation					
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	Composite – 2019 MM Mix
2018 Total Base Period Claims	\$6,811,923	\$1,079,962	\$684,727	\$210,199	\$8,786,812
2018 Non Covered Services Adjustment	97.13%	97.46%	96.71%	97.83%	97.16%
2018 Claims Adjusted for Covered Services	6,616,755	1,052,543	662,170	205,648	8,537,116
2018 IBNR Adjustment	1.0000	1.0000	1.0000	1.0000	1.0000
2018 Completed Claims	6,616,755	1,052,543	662,170	205,648	8,537,116
2019 Total Base Period Claims	\$5,802,355	\$844,241	\$411,292	\$221,840	\$7,279,728
2019 Non Covered Services Adjustment	97.74%	97.84%	97.59%	97.90%	97.75%
2019 Claims Adjusted for Covered Services	5,671,043	826,023	401,383	217,171	7,115,620
2019 IBNR Adjustment	1.0048	1.0048	1.0048	1.0048	1.0048
2019 Completed Claims	5,698,535	830,027	403,328	218,224	7,150,114
CY 2018 Member Months	15,391	1,342	1,060	91	17,883
CY 2019 Member Months	12,596	959	642	83	14,280
CY 2018 Functional PMPM	\$429.92	\$784.35	\$624.76	\$2,268.45	\$473.23
CY 2019 Functional PMPM	\$452.42	\$865.46	\$628.15	\$2,614.85	\$500.70
Normalized CY 2018 Relativity	0.9085	1.6574	1.3202	4.7935	1.0000
Normalized CY 2019 Relativity	0.9036	1.7285	1.2545	5.2224	1.0000
Normalized Average Relativity	0.9060	1.6930	1.2874	5.0080	1.0000
Functional Based PMPM	\$453.65	\$847.67	\$644.59	\$2,507.49	\$500.70

Exhibit L
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Illustration of Functional Based PMPMs and 2021 Membership Distributions
Non-Nursing Home Level of Care

	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	Composite – 2019 MM Mix
Functional Based PMPM	\$453.65	\$847.67	\$644.59	\$2,507.49	\$500.70

Base Cohort	2021 Exposure Months				Composite Functional PMPM
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	
CCI (GSR 6)	367	23	32	2	\$498.18
CCI (GSR 8)	543	93	34	6	\$536.61
CCI (GSR 9)	316	9	18	3	\$494.28
CCI (GSR 10)	273	14	7	1	\$481.51
CCI (GSR 11)	263	29	27	3	\$521.92
Inclusa (GSR 1 - Non-Expansion Counties)	287	27	3	1	\$494.89
Inclusa (GSR 2)	838	50	17	0	\$479.88
Inclusa (GSR 3)	1,023	61	48	4	\$489.33
Inclusa (GSR 4 - Non-Expansion Counties)	1,139	18	56	5	\$476.75
Inclusa (GSR 5 - Non-Expansion Counties)	25	0	2	0	\$483.01
Inclusa (GSR 6)	73	6	6	0	\$506.17
Inclusa (GSR 7)	393	16	22	2	\$487.65
Inclusa (GSR 9)*	0	0	0	0	\$490.71
Inclusa (GSR 10)*	0	0	0	0	\$484.16
Inclusa (GSR 13)	82	2	5	1	\$500.76
Inclusa (GSR 14)	154	7	5	1	\$491.25
LCI (GSR 4 - Non-Expansion Counties)	47	1	2	0	\$481.47
LCI (GSR 9)	435	29	28	0	\$488.78
LCI (GSR 10)	1	0	0	0	\$484.16
LCI (GSR 13)	201	10	12	4	\$518.16
MCW (GSR 1 - Non-Expansion Counties)	165	1	1	1	\$463.28
MCW (GSR 2)	386	23	11	0	\$479.66
MCW (GSR 3)	357	47	16	3	\$519.52
MCW (GSR 5 - Non-Expansion Counties)	340	4	24	2	\$481.53
MCW (GSR 6)	191	24	18	1	\$517.18
MCW (GSR 8)	540	108	26	10	\$552.77
MCW (GSR 11)	60	7	6	1	\$522.93
MCW (GSR 14)	201	24	6	2	\$515.61
Total Base Cohort	8,698	630	431	54	\$498.62

Expansion Cohort	2021 Exposure Months				Composite Functional PMPM
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	
CCI (GSR 12)	20	0	1	0	\$487.54
Inclusa (GSR 1 Expansion - Taylor)	15	1	0	0	\$494.89
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	36	1	2	0	476.75
Inclusa (GSR 5 Expansion - Adams)	40	1	3	0	483.01
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	36	1	2	0	481.47
MCW (GSR 1 Expansion - Taylor)	13	0	0	0	463.28
MCW (GSR 5 Expansion - Adams)	14	0	1	0	481.53
MCW (GSR 12)	234	5	12	2	487.54
Total Expansion Cohort	408	10	21	3	\$484.97

*Effective April 1, 2021, Inclusa will begin operations in GSR 9 and 10.

Composite values represent the distribution in each GSR for the existing MCOs currently providing services.

Exhibit M
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Service Portion of LTC Rate
Non-Nursing Home Level of Care

Base Cohort	(A) MCO/GSR Specific Base Rate Development		(B1)	(B2)	(B3)	(B4)	(B5)	(B6)	(B7)	(B8)	(C) = (A) x (B)	
	2021 Exposure Months	MCO/GSR Specific Functional Rate	Projection to CY 2021									
			2021 Composite Adjustment Factors									
Expansion Cohort	2021 Exposure Months	MCO/GSR Specific Functional Rate	Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	NH Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase	DME Adjustment	2021 Service Costs	
CCI (GSR 6)	424	\$498.18	0.9935	1.0050	1.0295	1.0430	1.0011	1.0002	1.0061	0.9985	\$537.26	
CCI (GSR 8)	675	\$536.61	0.9935	1.0050	1.0295	1.0101	1.0011	1.0002	1.0061	0.9985	\$560.42	
CCI (GSR 9)	347	\$494.28	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$504.82	
CCI (GSR 10)	294	\$481.51	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$491.77	
CCI (GSR 11)	322	\$521.92	0.9935	1.0050	1.0295	1.0430	1.0011	1.0002	1.0061	0.9985	\$562.86	
Inclusa (GSR 1 - Non-Expansion Counties)	317	\$494.89	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$505.44	
Inclusa (GSR 2)	905	\$479.88	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$482.66	
Inclusa (GSR 3)	1,136	\$489.33	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$492.16	
Inclusa (GSR 4 - Non-Expansion Counties)	1,218	\$476.75	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$486.91	
Inclusa (GSR 5 - Non-Expansion Counties)	27	\$483.01	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$485.81	
Inclusa (GSR 6)	86	\$506.17	0.9935	1.0050	1.0295	1.0430	1.0011	1.0002	1.0061	0.9985	\$545.87	
Inclusa (GSR 7)	433	\$487.65	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$498.05	
Inclusa (GSR 9)	-	\$490.71	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$501.17	
Inclusa (GSR 10)	-	\$484.16	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$494.48	
Inclusa (GSR 13)	90	\$500.76	0.9935	1.0050	1.0295	1.0668	1.0011	1.0002	1.0061	0.9985	\$552.37	
Inclusa (GSR 14)	167	\$491.25	0.9935	1.0050	1.0295	1.0990	1.0011	1.0002	1.0061	0.9985	\$558.21	
LCI (GSR 4 - Non-Expansion Counties)	51	\$481.47	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$491.74	
LCI (GSR 9)	492	\$488.78	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$499.20	
LCI (GSR 10)	1	\$484.16	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$494.48	
LCI (GSR 13)	226	\$518.16	0.9935	1.0050	1.0295	1.0668	1.0011	1.0002	1.0061	0.9985	\$571.57	
MCW (GSR 1 - Non-Expansion Counties)	167	\$463.28	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	\$473.15	
MCW (GSR 2)	419	\$479.66	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$482.44	
MCW (GSR 3)	423	\$519.52	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$522.53	
MCW (GSR 5 - Non-Expansion Counties)	370	\$481.53	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	\$484.32	
MCW (GSR 6)	234	\$517.18	0.9935	1.0050	1.0295	1.0430	1.0011	1.0002	1.0061	0.9985	\$557.75	
MCW (GSR 8)	684	\$552.77	0.9935	1.0050	1.0295	1.0101	1.0011	1.0002	1.0061	0.9985	\$577.30	
MCW (GSR 11)	73	\$522.93	0.9935	1.0050	1.0295	1.0430	1.0011	1.0002	1.0061	0.9985	\$563.95	
MCW (GSR 14)	232	\$515.61	0.9935	1.0050	1.0295	1.0990	1.0011	1.0002	1.0061	0.9985	\$585.88	
Total Base Cohort	9,813	\$498.62	0.9935	1.0050	1.0295	1.0000	1.0011	1.0002	1.0061	0.9985	\$515.56	
Expansion Cohort	MCO/GSR Specific Base Rate Development		Projection to CY 2021									
	Expansion Cohort	2021 Exposure Months	MCO/GSR Specific Functional Rate	2021 Composite Adjustment Factors								
				Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Geographic Adjustment Factor	NH Rate Increase	Personal Care Rate Increase	Provider Reimbursement Increase	DME Adjustment	2021 Service Costs
	CCI (GSR 12)	21	\$487.54	0.9935	1.0050	1.0295	1.0320	1.0011	1.0002	1.0030	0.9985	\$518.66
	Inclusa (GSR 1 Expansion - Taylor)	17	494.89	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	505.44
	Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	39	476.75	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	486.91
	Inclusa (GSR 5 Expansion - Adams)	44	483.01	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	485.81
	LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	39	481.47	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	491.74
	MCW (GSR 1 Expansion - Taylor)	13	463.28	0.9935	1.0050	1.0295	0.9878	1.0011	1.0002	1.0061	0.9985	473.15
	MCW (GSR 5 Expansion - Adams)	16	481.53	0.9935	1.0050	1.0295	0.9728	1.0011	1.0002	1.0061	0.9985	484.32
	MCW (GSR 12)	254	487.54	0.9935	1.0050	1.0295	1.0320	1.0011	1.0002	1.0030	0.9985	518.66
	Total Expansion Cohort	441	\$484.97	0.9935	1.0050	1.0295	1.0134	1.0011	1.0002	1.0041	0.9985	\$507.20
	Grand Total	10,254	\$498.03	0.9935	1.0050	1.0295	1.0006	1.0011	1.0002	1.0060	0.9985	\$515.20

Exhibit N
 Wisconsin Department of Health Services
 CY 2021 Family Care Draft Capitation Rate Development
 Development of Non-Service Portion of LTC Rate, MCE, and Capitation Rates
 Non-Nursing Home Level of Care

Base Cohort Development	2021 Exposure Months	(A)	(B)	(C)	(D) = (C) / (G)	(E) = (F) / (H)	(F)	(G) = (A) + (C)	(H) = (B) + (C) + (F)	(I) = (H) x 0.005	(J) = (H) - (I)
		MCE Service Costs	2021 Service Costs	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2021 Capitation Rate	P4P Withhold	2021 Capitation Rate Less P4P Withhold
CCI (GSR 6)	424	\$537.26	\$537.26	\$18.28	3.3%	2.0%	\$11.34	\$555.54	\$566.88	\$2.83	\$564.05
CCI (GSR 8)	675	560.42	560.42	18.28	3.2%	2.0%	11.81	578.70	590.51	2.95	587.56
CCI (GSR 9)	347	504.82	504.82	18.28	3.5%	2.0%	10.68	523.10	533.78	2.67	531.11
CCI (GSR 10)	294	491.77	491.77	18.28	3.6%	2.0%	10.41	510.05	520.46	2.60	517.86
CCI (GSR 11)	322	562.86	562.86	18.28	3.1%	2.0%	11.86	581.14	593.00	2.97	590.03
Inclusa (GSR 1 - Non-Expansion Counties)	317	505.44	505.44	17.24	3.3%	2.0%	10.67	522.68	533.35	2.67	530.68
Inclusa (GSR 2)	905	482.66	482.66	17.24	3.4%	2.0%	10.20	499.90	510.10	2.55	507.55
Inclusa (GSR 3)	1,136	492.16	492.16	17.24	3.4%	2.0%	10.40	509.40	519.80	2.60	517.20
Inclusa (GSR 4 - Non-Expansion Counties)	1,218	486.91	486.91	17.24	3.4%	2.0%	10.29	504.15	514.44	2.57	511.87
Inclusa (GSR 5 - Non-Expansion Counties)	27	485.81	485.81	17.24	3.4%	2.0%	10.27	503.05	513.32	2.57	510.75
Inclusa (GSR 6)	86	545.87	545.87	17.24	3.1%	2.0%	11.49	563.11	574.60	2.87	571.73
Inclusa (GSR 7)	433	498.05	498.05	17.24	3.3%	2.0%	10.52	515.29	525.81	2.63	523.18
Inclusa (GSR 9)	-	501.17	501.17	17.24	3.3%	2.0%	10.58	518.41	528.99	2.64	526.35
Inclusa (GSR 10)	-	494.48	494.48	17.24	3.4%	2.0%	10.44	511.72	522.16	2.61	519.55
Inclusa (GSR 13)	90	552.37	552.37	17.24	3.0%	2.0%	11.62	569.61	581.23	2.91	578.32
Inclusa (GSR 14)	167	558.21	558.21	17.24	3.0%	2.0%	11.74	575.45	587.19	2.94	584.25
LCI (GSR 4 - Non-Expansion Counties)	51	491.74	491.74	21.62	4.2%	2.0%	10.48	513.36	523.84	2.62	521.22
LCI (GSR 9)	492	499.20	499.20	21.62	4.2%	2.0%	10.63	520.82	531.45	2.66	528.79
LCI (GSR 10)	1	494.48	494.48	21.62	4.2%	2.0%	10.53	516.10	526.63	2.63	524.00
LCI (GSR 13)	226	571.57	571.57	21.62	3.6%	2.0%	12.11	593.19	605.30	3.03	602.27
MCW (GSR 1 - Non-Expansion Counties)	167	473.15	473.15	16.56	3.4%	2.0%	9.99	489.71	499.70	2.50	497.20
MCW (GSR 2)	419	482.44	482.44	16.56	3.3%	2.0%	10.18	499.00	509.18	2.55	506.63
MCW (GSR 3)	423	522.53	522.53	16.56	3.1%	2.0%	11.00	539.09	550.09	2.75	547.34
MCW (GSR 5 - Non-Expansion Counties)	370	484.32	484.32	16.56	3.3%	2.0%	10.22	500.88	511.10	2.56	508.54
MCW (GSR 6)	234	557.75	557.75	16.56	2.9%	2.0%	11.72	574.31	586.03	2.93	583.10
MCW (GSR 8)	684	577.30	577.30	16.56	2.8%	2.0%	12.12	593.86	605.98	3.03	602.95
MCW (GSR 11)	73	563.95	563.95	16.56	2.9%	2.0%	11.85	580.51	592.36	2.96	589.40
MCW (GSR 14)	232	585.88	585.88	16.56	2.7%	2.0%	12.29	602.44	614.73	3.07	611.66
Total Base Cohort	9,813	\$515.56	\$515.56	\$17.62	3.3%	2.0%	\$10.88	\$533.18	\$544.06	\$2.72	\$541.34
Expansion Cohort Development	2021 Exposure Months	MCE Service Costs	2021 Service Costs	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2021 Capitation Rate	P4P Withhold	2021 Capitation Rate Less P4P Withhold
CCI (GSR 12)	21	\$518.66	\$518.66	\$18.28	3.4%	2.0%	\$10.96	\$536.94	\$547.90	\$2.74	\$545.16
Inclusa (GSR 1 Expansion - Taylor)	17	505.44	505.44	17.24	3.3%	2.0%	10.67	522.68	533.35	2.67	530.68
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	39	486.91	486.91	17.24	3.4%	2.0%	10.29	504.15	514.44	2.57	511.87
Inclusa (GSR 5 Expansion - Adams)	44	485.81	485.81	17.24	3.4%	2.0%	10.27	503.05	513.32	2.57	510.75
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	39	491.74	491.74	21.62	4.2%	2.0%	10.48	513.36	523.84	2.62	521.22
MCW (GSR 1 Expansion - Taylor)	13	473.15	473.15	16.56	3.4%	2.0%	9.99	489.71	499.70	2.50	497.20
MCW (GSR 5 Expansion - Adams)	16	484.32	484.32	16.56	3.3%	2.0%	10.22	500.88	511.10	2.56	508.54
MCW (GSR 12)	254	518.66	518.66	16.56	3.1%	2.0%	10.92	535.22	546.14	2.73	543.41
Total Expansion Cohort	441	\$507.20	\$507.20	\$17.24	3.3%	2.0%	\$10.70	\$524.44	\$535.14	\$2.68	\$532.46
Grand Total	10,254	\$515.20	\$515.20	\$17.60	3.3%	2.0%	\$10.88	\$532.80	\$543.68	\$2.72	\$540.96

Exhibit O
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Development of Final Blended Capitation Rates
Non-Nursing Home Level of Care

	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	
2021 Exposure Months	2021 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Net Capitation Rate	P4P Withhold	2021 Net Capitation Rate Less P4P Withhold	
GSR 1							
Inclusa							
Non-Expansion Counties	317	\$505.44	\$17.24	\$10.67	\$533.35	\$2.67	\$530.68
Expansion Counties	17	505.44	17.24	10.67	533.35	2.67	530.68
GSR Rate	334	\$505.44	\$17.24	\$10.67	\$533.35	\$2.67	\$530.68
MCW							
Non-Expansion Counties	167	\$473.15	\$16.56	\$9.99	\$499.70	\$2.50	\$497.20
Expansion Counties	13	473.15	16.56	9.99	499.70	2.50	497.20
GSR Rate	180	\$473.15	\$16.56	\$9.99	\$499.70	\$2.50	\$497.20
GSR 4							
Inclusa							
Non-Expansion Counties	1,218	\$486.91	\$17.24	\$10.29	\$514.44	\$2.57	\$511.87
Expansion Counties	39	486.91	17.24	10.29	514.44	2.57	511.87
GSR Rate	1,256	\$486.91	\$17.24	\$10.29	\$514.44	\$2.57	\$511.87
LCI							
Non-Expansion Counties	51	\$491.74	\$21.62	\$10.48	\$523.84	\$2.62	\$521.22
Expansion Counties	39	491.74	21.62	10.48	523.84	2.62	521.22
GSR Rate	89	\$491.74	\$21.62	\$10.48	\$523.84	\$2.62	\$521.22
GSR 5							
Inclusa							
Non-Expansion Counties	27	\$485.81	\$17.24	\$10.27	\$513.32	\$2.57	\$510.75
Expansion Counties	44	485.81	17.24	10.27	513.32	2.57	510.75
GSR Rate	71	\$485.81	\$17.24	\$10.27	\$513.32	\$2.57	\$510.75
MCW							
Non-Expansion Counties	370	\$484.32	\$16.56	\$10.22	\$511.10	\$2.56	\$508.54
Expansion Counties	16	484.32	16.56	10.22	511.10	2.56	508.54
GSR Rate	385	\$484.32	\$16.56	\$10.22	\$511.10	\$2.56	\$508.54

Exhibit P
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Monthly Rates Paid to MCOs
Non-Nursing Home Level of Care

MCO / GSR	2021 Exposure Months	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)
		Monthly Rates					
		2021 Service Costs	Administrative Allowance	Targeted Margin PMPM	2021 Capitation Rate	P4P Withhold	2021 Capitation Rate Less P4P Withhold
CCI (GSR 6)	424	537.26	18.28	11.34	566.88	2.83	564.05
CCI (GSR 8)	675	560.42	18.28	11.81	590.51	2.95	587.56
CCI (GSR 9)	347	504.82	18.28	10.68	533.78	2.67	531.11
CCI (GSR 10)	294	491.77	18.28	10.41	520.46	2.60	517.86
CCI (GSR 11)	322	562.86	18.28	11.86	593.00	2.97	590.03
CCI (GSR 12)	21	518.66	18.28	10.96	547.90	2.74	545.16
Inclusa (GSR 1)	334	505.44	17.24	10.67	533.35	2.67	530.68
Inclusa (GSR 2)	905	482.66	17.24	10.20	510.10	2.55	507.55
Inclusa (GSR 3)	1,136	492.16	17.24	10.40	519.80	2.60	517.20
Inclusa (GSR 4)	1,256	486.91	17.24	10.29	514.44	2.57	511.87
Inclusa (GSR 5)	71	485.81	17.24	10.27	513.32	2.57	510.75
Inclusa (GSR 6)	86	545.87	17.24	11.49	574.60	2.87	571.73
Inclusa (GSR 7)	433	498.05	17.24	10.52	525.81	2.63	523.18
Inclusa (GSR 9)	0	501.17	17.24	10.58	528.99	2.64	526.35
Inclusa (GSR 10)	0	494.48	17.24	10.44	522.16	2.61	519.55
Inclusa (GSR 13)	90	552.37	17.24	11.62	581.23	2.91	578.32
Inclusa (GSR 14)	167	558.21	17.24	11.74	587.19	2.94	584.25
LCI (GSR 4)	89	491.74	21.62	10.48	523.84	2.62	521.22
LCI (GSR 9)	492	499.20	21.62	10.63	531.45	2.66	528.79
LCI (GSR 10)	1	494.48	21.62	10.53	526.63	2.63	524.00
LCI (GSR 13)	226	571.57	21.62	12.11	605.30	3.03	602.27
MCW (GSR 1)	180	473.15	16.56	9.99	499.70	2.50	497.20
MCW (GSR 2)	419	482.44	16.56	10.18	509.18	2.55	506.63
MCW (GSR 3)	423	522.53	16.56	11.00	550.09	2.75	547.34
MCW (GSR 5)	385	484.32	16.56	10.22	511.10	2.56	508.54
MCW (GSR 6)	234	557.75	16.56	11.72	586.03	2.93	583.10
MCW (GSR 8)	684	577.30	16.56	12.12	605.98	3.03	602.95
MCW (GSR 11)	73	563.95	16.56	11.85	592.36	2.96	589.40
MCW (GSR 12)	254	518.66	16.56	10.92	546.14	2.73	543.41
MCW (GSR 14)	232	585.88	16.56	12.29	614.73	3.07	611.66

EXHIBIT Q

Actuarial Certification

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

This report assumes that the reader is familiar with the State of Wisconsin's Medicaid program, its benefits, and rate setting principles. The report was prepared solely to provide assistance to DHS to set CY 2021 capitation rates for the Family Care program. It may not be appropriate for other purposes. Milliman does not intend to benefit, and assumes no duty or liability to, other parties who receive this work. This material should only be reviewed in its entirety.



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Michael C. Cook, FSA, MAAA
Principal and Consulting Actuary

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November 24, 2020

**Wisconsin Department of Health Services
Capitated Contracts Ratesetting
Actuarial Certification
CY 2021 Family Care Program Capitation Rates**

I, Michael C. Cook, am associated with the firm of Milliman, Inc., am a member of the American Academy of Actuaries, and meet its Qualification Standards for Statements of Actuarial Opinion.

I was retained by the Wisconsin Department of Health Services (DHS) to perform an actuarial certification of the Family Care program capitation rates for calendar year (CY) 2021 for filing with the Centers for Medicare and Medicaid Services (CMS).

I reviewed the calculated capitation rates and am familiar with the following regulation and guidance:

- The requirements of 42 CFR §438.3(c), 438.3(e), 438.4, 438.5, 438.6, and 438.7
- CMS "Appendix A, PAHP, PIHP, and MCO Contracts Financial Review Documentation for At-risk Capitated Contracts Ratesetting dated November 10, 2014"
- 2020 to 2021 Medicaid Managed Care Rate Development Guide
- Actuarial Standard of Practice 49

The payment rates, methodology, data, and assumptions used to calculate the January 1, 2021 through December 31, 2021 rates are documented in our November 20, 2020 report to DHS, of which this certification is a part.

In making my opinion, I relied upon the accuracy of the underlying claims and eligibility data records and other information. The report referenced above includes a description of the data and information upon which I relied. I did not audit the data and calculations, but did review them for reasonableness and consistency and did not find material defects. In other respects, my examination included such review of the underlying assumptions and methods used and such tests of the calculations as I considered necessary.

In my opinion, the payment rates identified above are actuarially sound, as defined in 42 CFR §438.4, including that they:

1. Have been developed in accordance with generally accepted actuarial principles and practices and Actuarial Standards of Practice.
2. Are appropriate for the populations to be covered and the services furnished.
3. Meet the relevant actuarial requirements of 42 CFR §438.4(b).

Actuarial methods, considerations, and analyses used in forming my opinion conform to the appropriate Standards of Practice as promulgated from time-to-time by the Actuarial Standards Board, whose standards form the basis of this Statement of Opinion.

It should be emphasized, that capitation rates are a projection of future costs based on a set of assumptions. Actual costs will be dependent on each contracted managed care organization's situation and experience. These capitation rates may not be appropriate for all health plans. Any health plan considering participating in the Family Care program should consider their unique circumstances before deciding to contract under these rates.



This Opinion assumes the reader is familiar with the Wisconsin Medicaid program, Family Care programs, and actuarial rating techniques. The Opinion is intended for the State of Wisconsin and the Centers for Medicare and Medicaid Services and should not be relied on by other parties. The reader should be advised by actuaries or other professionals competent in the area of actuarial rate projections of the type in this Opinion, so as to properly interpret the projection results.

A handwritten signature in black ink that reads "Michael Cook". The signature is written in a cursive style with a horizontal line underneath it.

Michael C. Cook
Member, American Academy of Actuaries
November 24, 2020



RELIANCE LETTER

Tony Evers
Governor



DIVISION OF MEDICAID SERVICES

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Secretary

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November 20, 2020

Michael Cook, FSA, MAAA
Principal and Consulting Actuary
Milliman, Inc.
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Brookfield, WI 53005

RE: Data Reliance for Actuarial Certification of CY 2021 Family Care, Family Care Partnership, and PACE Capitation Rates

Dear Michael:

I, Benjamin M. Nerad, Director, Bureau of Rate Setting, hereby affirm that the listings and summaries prepared and submitted to Milliman, Inc. for the development of the CY 2021 Family Care, and Family Care Partnership, and PACE capitation rates were prepared under my direction, and to the best of my knowledge and belief are accurate and complete. These listings and summaries include:

1. Health Plan encounter data files containing claims information on capitated plan assignment, detailed service category, target group, geographic indicators, and demographic indicators for calendar years (CYs) 2017 through 2019 for the Family Care, Family Care Partnership, and PACE programs.
2. Fee-for-service, Waitlist, and Waiver data files containing claims information on detailed service category, geographic indicators, and demographic indicators for CYs 2017 through 2019 for the Family Care program.
3. Long Term Care Functional Screen (LTCFS) data extracts through June 2020 for the Family Care, Family Care Partnership, and PACE programs, and data files containing a list of non-victim incidents by member.
4. Data files containing enrollment information on capitated plan assignment, program and target group, geographic indicators, and demographic indicators (including ventilator-dependent members, tribal members, and AIDs members) for CY 2017 through 2019, and January 2020 through June 2020 for the Family Care, Family Care Partnership, and PACE programs.
5. Data file containing a list of screens impacted by changes to the target group automation algorithm.
6. Data files containing claims and enrollment information for the acute and primary portion of the Family Care Partnership and PACE programs.
7. Data files containing estimated monthly enrollment for CY 2021 in total and by health plan, geographic indicator, and target group for the Family Care, Family Care Partnership, and PACE programs.

8. Data dictionary files for the encounter, enrollment, and LTCFS files for the Family Care, Family Care Partnership, and PACE programs, including definitions of low and high activities of daily living, and instrumental activities of daily living, definitions of base and expansion cohorts, data files containing a mapping of functional screen fields to cost weight variables, and data files containing a mapping of services to broad categories of service.
9. CY 2017 through 2019 and January 2020 through June 2020 financials for health plans participating in the Family Care, Family Care Partnership, and PACE programs.
10. An administrative cost model for CY 2021 non-service costs to be applied to the Family Care, Family Care Partnership, and PACE programs.
11. A data file containing lists of allowed and dis-allowed services under managed care, including pharmacy NDCs for the Family Care, Family Care Partnership, and PACE programs.
12. Information and direction regarding the implementation of the High Cost Risk Pool for the Family Care, Family Care Partnership, and PACE programs.
13. Information and direction regarding the MCO business plans for the Family Care, Family Care Partnership, and PACE programs.
14. Estimates of additional MCO liability required to adhere to newly adopted interoperability requirements.
15. Information and direction regarding the goals of the PACE rate development.
16. Information and direction regarding the Pay for Performance and incentive payment mechanisms for the Family Care and Family Care Partnership programs, including expectations around withhold return.
17. Results of analyses performed by DHS regarding the fiscal impact of legislative and policy changes for the Family Care, Family Care Partnership, and PACE programs.
18. Any other items provided to Milliman to support the 2021 rate development not mentioned above for the Family Care, Family Care Partnership, and PACE programs.

I affirm that the above information and any other related data submitted to Milliman, Inc. are, to the best of my knowledge and belief, accurately stated.



Name

November 20, 2020
Date

EXHIBITS R and S

CMS Rate Setting Checklist Issues

CMS Medicaid Managed Care Rate Development Guide

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

This report assumes that the reader is familiar with the State of Wisconsin's Medicaid program, its benefits, and rate setting principles. The report was prepared solely to provide assistance to DHS to set CY 2021 capitation rates for the Family Care program. It may not be appropriate for other purposes. Milliman does not intend to benefit, and assumes no duty or liability to, other parties who receive this work. This material should only be reviewed in its entirety.

Exhibit R

Rate Setting Checklist

This section of the report lists each item in the November 10, 2014 CMS checklist and discusses how DHS addresses each issue and / or directs the reader to other parts of this report. CMS uses the rate setting checklist to review and approve a state's Medicaid capitation rates.

AA.1.0 – Overview of Rates Being Paid Under the Contract

The calendar year (CY) 2021 managed care organization (MCO) capitation rates are developed using 2018 and 2019 Wisconsin Medicaid long term care (LTC) MCO encounter data for the MCO eligible population, along with other information. DHS sets rates by MCO and Geographical Service Area (GSR).

Please refer to Sections II through IV of this report for background on the program and more details around the rate development.

AA.1.1 – Actuarial Certification

The Actuarial Certification of the CY 2021 capitation rates is included as Exhibit Q of this report. The CY 2021 Wisconsin LTC Medicaid capitation rates have been developed in accordance with generally accepted actuarial principles and practices and are appropriate for the populations to be covered and the services to be furnished under the contract.

AA.1.2 – Projection of Expenditures

Appendix C includes a projection of total expenditures and Federal-only expenditures based on actual Projected CY 2021 MCO enrollment and CY 2021 capitation rates. We used a 59.37% FMAP rate to calculate the Federal expenditures.

AA.1.3 – Risk Contracts

The Wisconsin Family Care program meets the criteria of a risk contract.

AA.1.4 – Modifications

The rates documented in this report are the initial capitation rates for the CY 2021 Wisconsin Medicaid LTC managed care contracts.

Note: There is no AA.1.5 on the Rate Setting Checklist

AA.1.6 – Limit on Payment to Other Providers

It is our understanding no payment is made to a provider other than the participating MCOs for services available under the contract.

AA.1.7 – Risk and Profit

The CY 2021 Family Care capitation rates include a targeted margin of 2.0% for risk, profit, and contribution to reserves. We believe that this margin is appropriate given low service cost trends and the predictability of expenses under the program.

AA.1.8 – Family Planning Enhanced Match

DHS does not claim enhanced match for family planning services for the population covered under this program.

AA.1.9 – Indian Health Service (IHS) Facility Enhanced Match

DHS does not claim enhanced match for Indian Health Services for the population covered under this program.

AA.1.10 – Newly Eligible Enhanced Match

The Wisconsin Family Care program does not cover the newly eligible Medicaid population. Therefore, none of the recipients are eligible for the enhanced Federal match under Section 1905(y).

Exhibit R

Rate Setting Checklist

AA.1.11 – Retroactive Adjustments

The rates documented in this report are the initial capitation rates for the CY 2021 Wisconsin Medicaid LTC managed care contracts and do not contain any retroactive adjustments.

AA.2.0 – Based Only Upon Services Covered Under the State Plan

The CY 2021 rate methodology relies on CY 2018 and CY 2019 MCO encounter data as the primary data source. Only State Plan and waiver services that are covered under the Wisconsin Family Care contract or are shown to be cost-effective “in-lieu-of services” have been included in the rate development.

Please refer to the Non-Covered Services portion of Sections III and IV of this report for more details.

AA.2.1 – Provided Under the Contract to Medicaid-Eligible Individuals

The capitation rate development methodology relies on data that includes only those eligible and currently enrolled in the Wisconsin Family Care program and does not include experience for individuals not eligible to enroll in the program.

AA.2.2 – Data Sources

The CY 2021 capitation rates are developed using Wisconsin Medicaid long term care (LTC) MCO encounter, eligibility, and functional screen data for CY 2018 and CY 2019 for the MCO eligible population as the primary data source.

Please refer to Section III of this report for more details.

AA.3.0 – Adjustments to Base Year Data

All adjustments to the base year data are discussed in Sections III and IV of this report. In addition, each item in the checklist is addressed in items AA.3.1 – AA.3.17 below.

AA.3.1 – Benefit Differences

The base data used to calculate the capitation rates has been adjusted to only include services covered under the Medicaid care management program contract.

AA.3.2 – Administrative Cost Allowance Calculations

The MCO capitation rates include explicit administrative allowances by MCO. Please see Step 6 in Sections III and IV of the report for more details regarding the administrative cost calculation.

AA.3.3 – Special Populations’ Adjustments

The CY 2021 capitation rates methodology does not include an adjustment for special populations as the base MCO encounter data used to calculate the capitation rates is consistent with the Wisconsin Family Care program population.

AA.3.4 – Eligibility Adjustments

The base MCO encounter data only reflects experience for time periods where members were enrolled in a Family Care MCO.

AA.3.5 – Third Party Liability (TPL)

The managed care organizations are responsible for the collection of any TPL recoveries. The MCO encounter data is reported net of TPL recoveries, therefore, no adjustment was necessary.

AA.3.6 – Indian Health Care Provider Payments

The MCOs are not financially at risk for services provided to tribal members receiving care management from IHC providers. This includes fewer than 200 members located in GSRs 10 and 13.

Exhibit R

Rate Setting Checklist

AA.3.7 – DSH Payments

DSH payments are not included in the capitation rates.

AA.3.8 – FQHC and RHC Reimbursement

The MCOs are responsible for the entirety of the FQHC and RHC payments, which are fully reflected in encounters.

AA.3.9 – Graduate Medical Education (GME)

Inpatient hospital services are not covered under Family Care. Therefore, GME payments are not included in the base data used in the capitation rate calculation.

AA.3.10 – Copayments, Coinsurance, and Deductibles in Capitated Rates

The Wisconsin Family Care program does not include member cost sharing, so no adjustment to base period experience for this issue is required.

AA.3.11 – Medical Cost / Trend Inflation

Trend rates from CY 2019 to CY 2021 were developed by rate category and type of service for Family Care eligible services and individuals using historical MCO encounter data from January 2017 to December 2019 and actuarial judgment.

The trend rates and inflation factors represent the expected change in per capita cost between CY 2019 and CY 2021, net of acuity changes.

Please see Sections III and IV and Appendix D for more details on the trend development.

AA.3.12 – Utilization Adjustments

Utilization trend is included in AA.3.11.

AA.3.13 – Utilization and Cost Assumptions

The CY 2021 capitation rates use an actuarially sound risk adjustment model to adjust the rates for each participating MCO in a particular GSR in order to reflect the acuity of enrolled members. Acuity adjustments were applied independently from the unit cost and utilization trend adjustments.

AA.3.14 – Post-Eligibility Treatment of Income (PETI)

Capitation rates are developed gross of patient liability, and DHS adjusts capitation paid for each member to reflect that individual's specific patient liability. Encounter payment amounts are gross of patient liability, so no adjustment to the data is necessary for this issue.

AA.3.15 – Incomplete Data Adjustment

The capitation rates include an adjustment to reflect IBNR claims. Please refer to Section III of this report for more information on the development of these adjustment factors.

We also apply an adjustment to true up care management expenditures to financial statements due to the difficulty in properly and completely collecting this information in the encounter data reporting format. Please refer to Sections III and IV of this report for more information on the development of these adjustment factors.

AA.3.16 – Primary Care Rate Enhancement

The CY 2021 capitation rates only include Long-Term Care services.

Exhibit R

Rate Setting Checklist

AA.3.17 – Health Homes

Not Applicable.

AA.4.0 – Establish Rate Category Groupings

Please refer to Section III of this report.

AA.4.1 – Eligibility Categories

Target populations for individuals meeting the nursing home level of care requirement are defined in Step 1 of Section III.

AA.4.2 – Age

Age is not used for rate category groupings outside of the Target Population assignment.

AA.4.3 – Gender

Gender is not used for rate category groupings.

AA.4.4 – Locality / Region

Geographic regions are defined in Step 1 of Section III and Appendix A.

AA.4.5 – Risk Adjustments

Acuity adjustment models are described in Step 3 of Section III.

AA.5.0 – Data Smoothing

While we did not perform any explicit data smoothing, the High Cost Risk Pool (HCRP) was implemented in 2016 to help spread risk associated with very high cost members across MCOs. The HCRP is described in AA.6.0.

AA.5.1 – Cost-Neutral Data Smoothing Adjustment

We did not perform any data smoothing.

AA.5.2 – Data Distortion Assessment

Our review of the base MCO encounter data did not detect any material distortions or outliers.

AA.5.3 – Data Smoothing Techniques

We determined that a data smoothing mechanism resulting from data distortions was not required.

AA.5.4 – Risk Adjustments

The CY 2021 capitation rates use an actuarially sound risk adjustment model based on a functional screen (NH level of care) or ADL / IADL (Non NH level of care) to adjust the rates for each participating MCO. Please see Section III of this report. The functional screen risk adjustment mechanism has been developed in accordance with generally accepted actuarial principles and practices.

AA.6.0 – Stop Loss, Reinsurance, or Risk Sharing Arrangements

Effective January 1, 2016, DHS implemented a High Cost Risk Pool (HCRP) for the Developmentally Disabled, Physically Disabled, and, beginning January 1, 2017, the Frail Elderly populations. The HCRP is targeted to cover 80% of provider service costs above \$225,000 for each individual and excludes Care Management expenses due to increased administrative burden to include them in this process.

Exhibit R

Rate Setting Checklist

A pooling charge specific to each target group will be assessed from each MCO and placed into a pool. At year end, a settlement will be performed to determine payout to MCOs for each target group separately. Each MCO will receive the portion of each target group's pool equivalent to their percentage of total pooled costs statewide. MCOs may effectively have more or less than 80% of an individual's CY 2021 costs greater than \$225,000 reimbursed depending on whether actual CY 2021 pooled costs are greater than or less than the target group pools. Individuals will be evaluated over their enrollment period, and \$225,000 threshold will not be pro-rated for partial year enrollment. If actual CY 2021 pooled costs are less than the target group pools, any remaining funding in the target group pools will be distributed as a flat PMPM amount to all MCOs.

The High Cost Risk Pool mechanism has been developed in accordance with generally accepted actuarial principles and practices.

AA.6.1 – Commercial Reinsurance

DHS does not require entities to purchase commercial reinsurance.

AA.6.2 – Stop-Loss Program

Please see AA.6.0.

AA.6.3 – Risk Corridor Program

The CY 2021 capitation rates will feature a risk corridor as described in Section V of this report.

AA.7.0 – Incentive Arrangements

Please see Section V.

AA.7.1 – Electronic Health Records (EHR) Incentive Payments

DHS has not implemented incentive payments related to EHRs for the contract period.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

I. MEDICAID MANAGED CARE RATES

1. General Information

A. Rate Development Standards

- i. The rate certification included herein is for the calendar year (CY) 2021 contract period. The previous certification was for CY 2020 contract period.
- ii. This rate certification includes all of the items required in the rate development guide.
 - a. Our actuarial certification letter signed by Michael Cook, FSA, MAAA certifies that the final capitation rates meet the standards in 42 CFR §438.3(c), 438.3(e), 438.4, 438.5, 438.6, and 438.7. The certification can be found in Exhibit Q.
 - b. The final and certified capitation rates for all rate cells and regions can be found in Exhibits H and P. Please note, that DHS anticipates paying MCOs separate nursing home level of care rates by target group rather than the composite rate in 2021. Both sets of rates are certified as actuarially sound and are included in Exhibit H. Non-nursing home rates do not vary by target group.
 - c. The descriptions of the Family Care program can be found in Sections I and II of this report.
- iii. Differences in capitation rates for covered the population are based on valid rate development standards and are not based on the rate of Federal financial participation associated with the covered population.
- iv. Each rate cell is developed independently to be actuarially sound and does not cross-subsidize payments for another rate cell.
- v. The effective dates of changes to the Medicaid program are consistent with the assumptions used to develop the capitation rates.
- vi. The target rate development MLR for the CY 2021 rates is 94.9% for the NH LOC population and Non-NH LOC populations. As such, the capitation rates are developed such that MCOs can reasonably achieve a federal MLR of greater than 85%.
- vii. The rate certification submission does demonstrate that the capitation rates were developed using generally accepted actuarial practices and principles.
 - a. All adjustment to the capitation rates reflect reasonable, appropriate, and attainable costs.
 - b. No adjustments to the rates are performed outside of the initial rate setting process beyond those outlined in Section V of the report.
 - c. The final contracted rates in each cell match the capitation rates in the certification.
- viii. The capitation rates included in this submission are certified for all time periods in which they are effective. No rates for a previous time period are used for a future time period.
- ix. This rate certification conforms to the procedure for rate certifications for rate and contract amendments. The CY 2021 rates documented in this report are the initial capitation rates for the CY 2021 Wisconsin Medicaid LTC managed care contracts.

B. Appropriate Documentation

- i. We believe that the attached report properly documents all the elements included in the rate certification and provides CMS enough detail to determine that regulation standard are met.

Please see Sections I, III and IV of this report for the following details:

- a. Data used, including citations to studies, research papers, other states' analyses, or similar secondary data sources.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

- b. Assumptions made, including any basis or justification for the assumption.
- c. Methods for analyzing data and developing assumptions and adjustments.
- ii. Service cost projection assumptions used in rate development do not differ by managed care organization. Capitation rates differ by MCO based on the MCO admin load and risk score.
- iii. We detail within our responses in this guide the section of our report where each item described in the 2020 to 2021 Medicaid Managed Care Rate Development Guide can be found.
- iv. All services and populations included in this rate certification are subject to the regular state FMAP.
- v. Relative to the previous rating period, please see Section I of this report for the following details:
 - a. A comparison of the final certified rates in the prior certification.
 - b. A description of material changes to the capitation rate development process.
- vi. These rates will be amended to incorporate additional funding distributed to Direct Care Workforce providers during the rate year. See section VI of this report for more information.

2. Data

A. Rate Development Standards

- i. The rate development process follows CMS rate development standards related to base data.
 - a. DHS provided Milliman with validated encounter data and financial reports for at least the three most recent and complete years prior to the rating period. Managed care plans and DHS have provided detailed financial reporting data for CY 2018 and CY 2019 to the state's actuaries for this and prior year rate development
 - b. Sections III and IV includes documentation of the CY 2019 base data period used to develop the CY 2021 Family Care capitation rates.
 - c. Base data is specific to the population and services expected to be covered by the Family Care program during the CY 2021 rate period.
 - d. The CY 2021 rate calculation uses CY 2019 base data, which is within the CMS three-year requirement.

B. Appropriate Documentation

- i. Milliman did request and receive a full claims and enrollment database from DHS. This information is summarized in Exhibits A and I. DHS provided detailed financial reporting data for CY 2019 and encounter data for CY 2017 through CY 2019 to the state's actuaries for this year's rate development.
- ii. A detailed description of the data used in the rate development methodology can be found in Section III of this report. Section III also includes comments on the availability and quality of the data used for rate development.
 - a. The CY 2021 capitation rates for the Family Care program is developed using CY 2019 encounter data, financial data, and other information.
 - b. DHS and Milliman went through an extensive data validation process to review all capitated plan data included in the CY 2021 rate setting methodology. DHS internally reviews encounter data submissions and notifies plans of corrections necessary to allow for records to be accepted. Milliman reviewed the encounter and financial data.

The capitated plan financial data, encounter and FFS data, are all of very high quality and appropriate for use in rate development.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

- c. All base data is specific to the populations that will be covered under the CY 2021 Family Care capitation rates.
- d. The rate documentation methodology does not use a data book separate from what is shown in the report.
- iii. The rate certification and attached report thoroughly describe any material adjustments, and the basis for the adjustments, that are made to the data. Please see Section III and IV of this report for more details.

3. Projected Benefit Costs

A. Rate Development Standards

- i. The final capitation rates shown in Exhibits H and P are based only upon services described in 42 CFR 438.3(c)(1)(ii) and 438.3(e).
- ii. Variations in assumptions used to develop the projected benefit costs for the covered population are not based on the rate of Federal financial participation associated with the covered population.
- iii. Each projected benefit cost trend assumption is reasonable and developed in accordance with generally accepted actuarial principles and practices using actual experience of the Medicaid population. Please refer to Sections III and IV of this report for the details.
- iv. Please refer to Sections III and IV of this report for the details related to the treatment of in-lieu of services.
- v. The CY 2021 capitation rate methodology does not include any expenses for Institution for Mental Diseases (IMD).

B. Appropriate Documentation

- i. The various exhibits included in this report document the final projected benefit costs by relevant level of detail and is consistent with how the State makes payments to the plans.
- ii. Please refer to Sections III and IV of this report for the methodology and assumptions used to project contract period benefit costs from the base period data to CY 2021. Section I of the report highlights key methodological changes since the previous rate development.
- iii. The rate certification includes a section on projected benefit cost trends in compliance with 42 CFR §438.7(b)(2). See Step 4 of Section III and Step 5 of Section IV for details related to the development of projected benefit cost trends.
- iv. This certification does not include additional services deemed by the state to be necessary to comply with the parity standards of the Mental Health Parity and Addiction Equity Act
- v. Please refer to Sections III and IV of this report for the details related to the treatment of in-lieu of services.
- vi. Since the rate development base data reflects actual program experience, no adjustment for retrospective eligibility periods is necessary.
- vii. Section I documents the impact on projected costs for all material changes to covered benefits or services since the last rate certification. Impacts for all such changes are included in Sections III and IV.
- viii. Sections III and IV of the rate certification includes an estimated impact of the change on the amount of projected benefit costs and a description of the data, assumptions, and methodologies used to develop the adjustment for each change related to covered benefits or services for CY 2021.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

4. Special Contract Provisions Related to Payment

A. Incentive Arrangements

i. Rate Development Standards

The pay for performance, the member relocation incentive payment, and the assisted living quality incentive payment are described in Section V of the report. These incentives will not exceed 5% of the certified rates, and we made no adjustment for the incentive payments in rate development.

ii. Appropriate Documentation

The rate certification includes a description of the incentive arrangement. See Section V of the report.

B. Withhold Arrangements

i. Rate Development Standards

The pay for performance withhold is described in Section V of the report.

ii. Appropriate Documentation

The rate certification includes a description of the withhold arrangement. See Section V of the report.

C. Risk Sharing Mechanism

i. Rate Development Standards

The functional screen risk adjustment and High Cost Risk Pool mechanisms have been developed in accordance with generally accepted actuarial principles and practices and cost neutral to the state in total.

The CY 2021 capitation rates will feature a risk corridor as described in Section V of this report.

ii. Appropriate Documentation

The rate certification includes a description of the risk sharing mechanisms. See Section III of the report for the functional screen risk adjustment and High Cost Risk Pool mechanisms and Section V for the risk corridor mechanism.

D. Delivery System and Provider Payment Initiatives

i. Rate Development Standards

The CY 2021 capitation rate methodology includes a maximum fee schedule established by the state.

When implemented and approved by CMS, rates will be revised and recertified for increased reimbursement for the Direct Care Workforce under and Alternate Payment Arrangement.

ii. Appropriate Documentation

Please see Section V of the rate report for additional documentation of this arrangement.

E. Pass-Through Payments

i. Rate Development Standards

The CY 2021 capitation rate methodology does not include any pass-through payments.

ii. Appropriate Documentation

The CY 2021 capitation rate methodology does not include any pass-through payments.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

5. Projected Non-Benefit Costs

A. Rate Development Standards

- i. The development of the non-benefit component of the CY 2021 rates is compliant with 42 CFR §438.5(e) and include reasonable, appropriate, and attainable expenses related to MCO administration, taxes, licensing and regulatory fees, contribution to reserves, risk margin, and cost of capital. Please see Sections III and IV.
- ii. The non-benefit costs included in the CY 2021 capitation rates are developed as a per member per month for common categories of administrative expenses. Please see Sections III and IV for additional detail on how the administrative component is calculated.
- iii. Variations in assumptions used to develop the projected benefit costs for covered the population are not based on the rate of federal financial participation associated with the covered population.
- iv. The Health Insurance Provider Fee is not in effect for CY 2021

B. Appropriate Documentation

- i. Please refer to Step 6 in Sections III and IV of this report for a detailed description of the data and methodology used to develop of the projected non-benefit costs included in the capitation rates. The report includes a description of changes made since the last rate development.
- ii. The projected non-benefit costs include appropriate consideration for administrative costs, taxes, licensing and regulatory fees, other assessments and fees, contribution to reserves, risk margin, and cost of capital.
- iii. Projected administrative costs are developed based on the administrative cost model described in Sections III and IV of the report. This model develops cost projections based on the size of an MCO, but the assumptions are not specific to any particular MCO. Certified rates are not MCO-specific rates beyond reflecting differences in acuity and demographics.

Historical administrative costs are not directly used as part of the projection and are only used to review the appropriateness of the projected administrative load. The table below summarizes current and historical administrative costs by MCO.

Wisconsin Department of Health Services Comparison of Projected CY 2021 and Actual CY 2019 Administrative PMPMs			
MCO	Year Ending December 31, 2019		Difference
	CY21 Admin PMPM	Actual Admin PMPM	
CCI	\$112.20	\$73.48	\$38.72
LCI	\$131.81	\$122.59	\$9.22
MCW	\$101.78	\$116.20	-\$14.42
Inclusa	\$105.82	\$138.64	-\$32.82

- iv. The Health Insurance Provider Fee is not in effect for CY 2021

6. Risk Adjustment and Acuity Adjustment

A. Rate Development Standards

- i. The functional screen and risk adjustment detailed in Sections III and IV of the report are used for explaining costs of services covered under the contract for defined populations across MCOs.
- ii. The functional screen risk adjustment has been developed in accordance with generally accepted actuarial principles and practices and cost neutral to the state for the base period base data cohort.

Exhibit S

Response to 2020 to 2021 Managed Care Rate Development Guide

- iii. Section III of this report documents the use of more recent functional screens and acuity trends separate from benefit utilization and unit cost trends to consider the change in acuity for the Family Care population.

B. Appropriate Documentation

- i. The functional screen and risk adjustment process are detailed in Sections III and IV of the report.
- ii. Section V of the report documents the various retrospective risk adjustment mechanisms.
- iii. The rate certification and supporting documentation do specifically include a description of any changes that are made to risk adjustment models since the last rating period and documentation that the risk adjustment model is budget neutral in accordance with 42 CFR §438.5(g).
- iv. The rate certification includes a description of the acuity trend adjustment. This adjustment is developed according with generally accepted actuarial principles and practices.

II. MEDICAID MANAGED CARE RATES WITH LONG-TERM SERVICES AND SUPPORTS

1. Managed Long-Term Services and Supports

A. The Wisconsin Family Care program only covers Long-Term Care services. Therefore, the information included in this rate certification and report is specific to MLTSS.

B. Rate Development Standards

- i. The Wisconsin Family Care program capitation rates blend costs for individuals in all settings of care.

C. Appropriate Documentation

- i. Sections I-IV of this report address the following items:
 - a. The structure of the capitation rates and rate cells or rating categories.
 - b. The structure of the rates and the rate cells, and the data, assumptions, and methodology used to develop the rates in light of the overall rate setting approach.
 - c. Any other payment structures, incentives, or disincentives used to pay the MCOs.
 - d. The expected effect that managing LTSS has on the utilization and unit costs of services.
 - e. Any effect that the management of this care is expected to have within each care setting and any effect in managing the level of care that the beneficiary receives.
- ii. Please refer to Step 6 in Sections III and IV of this report for a detailed description of the data and methodology used to develop of the projected non-benefit costs included in the capitation rates. The report includes a description of changes made since the last rate development.
- iii. The Wisconsin Family Care capitation rates presented in this report are based entirely on historical MCO encounter data and financial experience.
- iv. Please refer to Sections III and IV for a description of the data sources used to develop the assumptions used for rate setting.

III. NEW ADULT GROUP CAPITATION RATES

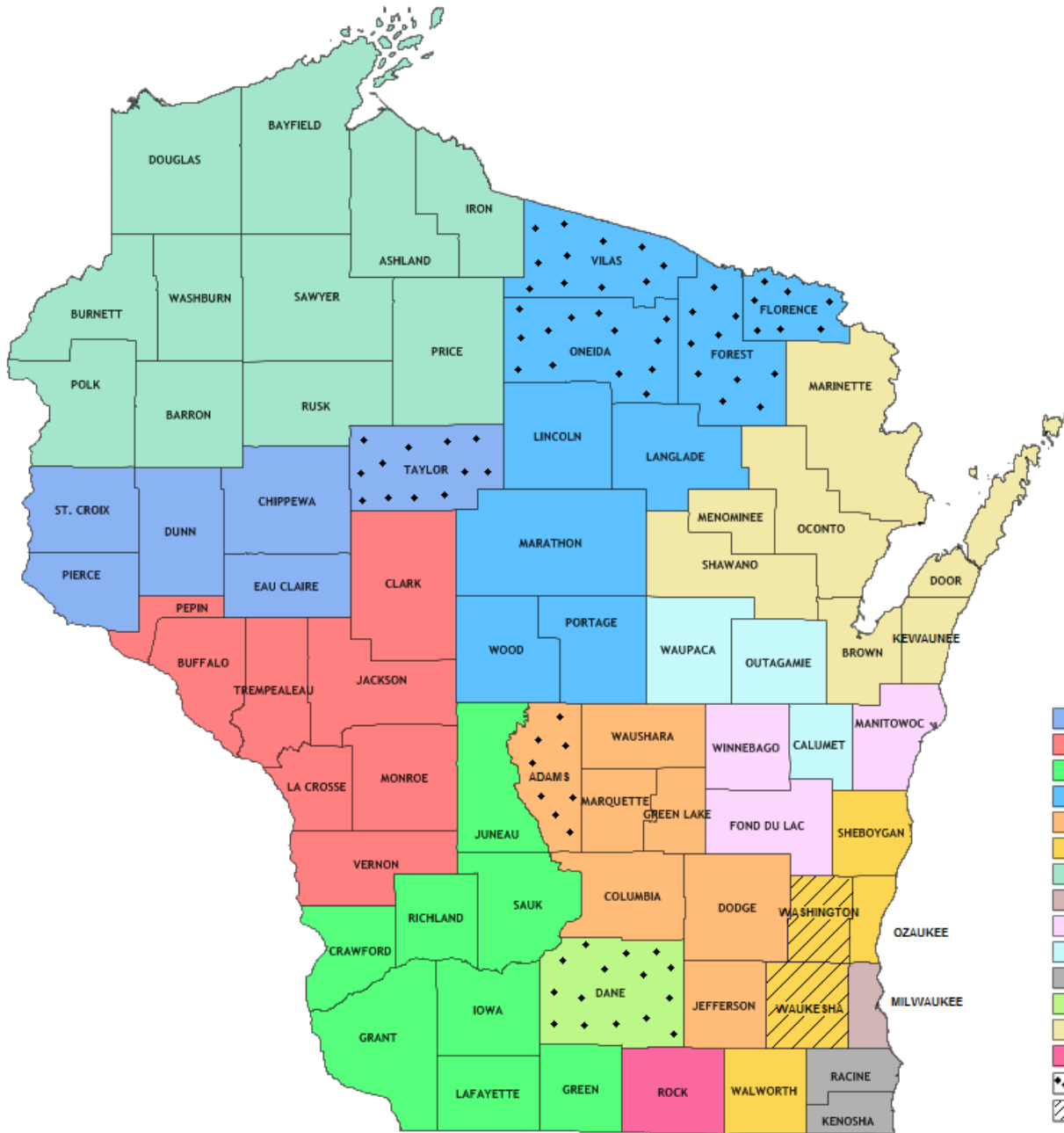
This certification does not include rates for the new adult group under 1902(a)(10)(A)(i)(VIII) of the Social Security Act.

APPENDIX A

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

This report assumes that the reader is familiar with the State of Wisconsin's Medicaid program, its benefits, and rate setting principles. The report was prepared solely to provide assistance to DHS to set CY 2021 capitation rates for the Family Care program. It may not be appropriate for other purposes. Milliman does not intend to benefit, and assumes no duty or liability to, other parties who receive this work. This material should only be reviewed in its entirety.



- GSR 1
- GSR 2
- GSR 3
- GSR 4
- GSR 5
- GSR 6
- GSR 7
- GSR 8
- GSR 9
- GSR 10
- GSR 11
- GSR 12
- GSR 13
- GSR 14
- Expansion Counties
- Formerly GSR 5/6

APPENDIX B

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

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Appendix B
Wisconsin Department of Health Services
CY 2021 Family Care Capitation Rate Development
IBNR Factor Buildup - Provider Services

LCI						
Incurred Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-19	6,803	18,614,731	18,954,026	339,295	1.0182	
Nov-19	6,576	17,953,033	18,094,606	141,573	1.0079	
Oct-19	6,285	18,034,095	18,125,690	91,595	1.0051	
Sep-19	6,089	17,119,665	17,185,808	66,143	1.0039	
Aug-19	6,010	17,316,090	17,367,481	51,391	1.0030	
Jul-19	5,934	17,106,682	17,150,676	43,994	1.0026	
Jun-19	5,921	16,490,397	16,524,838	34,441	1.0021	
May-19	5,890	16,948,209	16,978,773	30,564	1.0018	
Apr-19	5,874	16,426,508	16,445,569	19,061	1.0012	
Mar-19	5,826	16,764,046	16,773,588	9,542	1.0006	
Feb-19	5,781	15,128,214	15,130,466	2,252	1.0001	
Jan-19	5,717	16,406,073	16,406,073	-	1.0000	
CY 2019	72,708	204,307,743	205,137,594	829,851	1.0041	

MCFCI						
Incurred Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-19	8,863	22,757,867	23,528,405	770,538	1.0339	
Nov-19	8,866	22,491,083	22,904,164	413,081	1.0184	
Oct-19	8,849	23,682,432	23,949,442	267,010	1.0113	
Sep-19	8,834	23,131,279	23,349,338	218,059	1.0094	
Aug-19	8,798	23,054,420	23,235,081	180,661	1.0078	
Jul-19	8,768	23,010,594	23,157,408	146,814	1.0064	
Jun-19	8,759	22,364,077	22,476,389	112,312	1.0050	
May-19	8,740	22,703,629	22,789,352	85,723	1.0038	
Apr-19	8,700	21,907,935	21,965,833	57,898	1.0026	
Mar-19	8,657	22,434,957	22,469,983	35,026	1.0016	
Feb-19	8,647	20,282,554	20,293,309	10,755	1.0005	
Jan-19	8,655	22,364,477	22,364,477	-	1.0000	
CY 2019	105,137	270,185,304	272,483,181	2,297,877	1.0085	

APPENDIX C

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

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Appendix C1
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Projected 2021 Family Care Expenditures
Nursing Home Level of Care

Enrollment Matrix by Base Rate Cell		Fiscal Results Matrix by Base Rate Cell				
MCO / GSR	2021 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
CCI (GSR 6)	39,515	\$3,863.34	\$2,293.66	\$90,633,593	\$1,569.68	\$62,025,314
CCI (GSR 8)	45,060	3,578.51	2,124.56	95,732,962	1,453.95	65,515,079
CCI (GSR 9)	7,588	3,021.83	1,794.06	13,614,173	1,227.77	9,316,891
CCI (GSR 10)	19,922	3,643.95	2,163.41	43,099,116	1,480.54	29,494,982
CCI (GSR 11)	30,915	3,763.69	2,234.50	69,080,488	1,529.19	47,275,395
CCI (GSR 12)	1,227	4,054.45	2,407.13	2,952,824	1,647.32	2,020,772
Inclusa (GSR 1)	27,962	3,901.43	2,316.28	64,767,894	1,585.15	44,324,062
Inclusa (GSR 2)	42,698	3,362.19	1,996.13	85,231,805	1,366.06	58,328,588
Inclusa (GSR 3)	23,563	3,349.13	1,988.38	46,852,064	1,360.75	32,063,321
Inclusa (GSR 4)	43,272	3,381.88	2,007.82	86,883,035	1,374.06	59,458,611
Inclusa (GSR 5)	3,125	3,318.82	1,970.38	6,157,603	1,348.44	4,213,970
Inclusa (GSR 6)	1,474	3,536.75	2,099.77	3,094,876	1,436.98	2,117,986
Inclusa (GSR 7)	30,103	3,419.87	2,030.38	61,120,844	1,389.49	41,828,194
Inclusa (GSR 9)	0	3,314.98	1,968.10	0	1,346.88	0
Inclusa (GSR 10)	0	3,534.40	2,098.37	0	1,436.03	0
Inclusa (GSR 13)	4,839	4,056.93	2,408.60	11,655,694	1,648.33	7,976,602
Inclusa (GSR 14)	7,960	4,342.42	2,578.09	20,522,696	1,764.33	14,044,755
LCI (GSR 4)	10,050	3,081.87	1,829.71	18,388,103	1,252.16	12,583,942
LCI (GSR 9)	30,548	3,415.32	2,027.68	61,941,568	1,387.64	42,389,858
LCI (GSR 10)	6,639	3,245.67	1,926.95	12,793,007	1,318.72	8,754,924
LCI (GSR 13)	45,987	3,720.73	2,209.00	101,584,527	1,511.73	69,519,611
MCW (GSR 1)	6,436	2,920.84	1,734.10	11,160,712	1,186.74	7,637,860
MCW (GSR 2)	8,346	2,633.52	1,563.52	13,048,978	1,070.00	8,930,099
MCW (GSR 3)	8,919	2,710.18	1,609.03	14,351,424	1,101.15	9,821,431
MCW (GSR 5)	31,123	3,540.33	2,101.89	65,417,047	1,438.44	44,768,311
MCW (GSR 6)	27,861	3,841.97	2,280.98	63,551,244	1,560.99	43,491,444
MCW (GSR 8)	84,928	3,302.68	1,960.80	166,526,212	1,341.88	113,962,607
MCW (GSR 11)	7,296	3,584.54	2,128.14	15,526,000	1,456.40	10,625,255
MCW (GSR 12)	14,725	4,423.46	2,626.21	38,671,118	1,797.25	26,464,671
MCW (GSR 14)	7,141	3,383.37	2,008.71	14,344,592	1,374.66	9,816,755
Grand Total	619,223	\$3,532.61	\$2,097.31	\$1,298,704,199	\$1,435.30	\$888,771,292

Appendix C2
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Projected 2021 Family Care Expenditures
Non-Nursing Home Level of Care

Enrollment Matrix by Base Rate Cell		Fiscal Results Matrix by Base Rate Cell				
MCO / GSR	2021 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
CCI (GSR 6)	424	\$566.88	\$336.56	\$142,583	\$230.32	\$97,577
CCI (GSR 8)	675	590.51	350.59	236,818	239.92	162,067
CCI (GSR 9)	347	533.78	316.91	109,891	216.87	75,204
CCI (GSR 10)	294	520.46	309.00	90,950	211.46	62,242
CCI (GSR 11)	322	593	352.06	113,371	240.94	77,586
CCI (GSR 12)	21	547.9	325.29	6,893	222.61	4,717
Inclusa (GSR 1)	334	533.35	316.65	105,787	216.70	72,396
Inclusa (GSR 2)	905	510.1	302.85	274,098	207.25	187,580
Inclusa (GSR 3)	1136	519.8	308.61	350,559	211.19	239,906
Inclusa (GSR 4)	1256	514.44	305.42	383,748	209.02	262,619
Inclusa (GSR 5)	71	513.32	304.76	21,705	208.56	14,854
Inclusa (GSR 6)	86	574.6	341.14	29,245	233.46	20,014
Inclusa (GSR 7)	433	525.81	312.17	135,116	213.64	92,467
Inclusa (GSR 9)	0	528.99	314.06	0	214.93	0
Inclusa (GSR 10)	0	522.16	310.01	0	212.15	0
Inclusa (GSR 13)	90	581.23	345.08	31,020	236.15	21,229
Inclusa (GSR 14)	167	587.19	348.61	58,084	238.58	39,750
LCI (GSR 4)	89	523.84	311.00	27,819	212.84	19,038
LCI (GSR 9)	492	531.45	315.52	155,133	215.93	106,166
LCI (GSR 10)	1	526.63	312.66	364	213.97	249
LCI (GSR 13)	226	605.3	359.37	81,315	245.93	55,648
MCW (GSR 1)	180	499.7	296.67	53,501	203.03	36,614
MCW (GSR 2)	419	509.18	302.30	126,620	206.88	86,652
MCW (GSR 3)	423	550.09	326.59	137,996	223.50	94,438
MCW (GSR 5)	385	511.1	303.44	116,936	207.66	80,025
MCW (GSR 6)	234	586.03	347.93	81,546	238.10	55,806
MCW (GSR 8)	684	605.98	359.77	246,170	246.21	168,467
MCW (GSR 11)	73	592.36	351.68	25,653	240.68	17,556
MCW (GSR 12)	254	546.14	324.24	82,198	221.90	56,252
MCW (GSR 14)	232	614.73	364.97	84,648	249.76	57,929
Grand Total	10,254	\$543.68	\$322.78	\$3,309,767	\$220.90	\$2,265,047

Appendix C3
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Projected 2021 Family Care Expenditures
Nursing Home and Non-Nursing Home Level of Care

Enrollment Matrix by Base Rate Cell		Fiscal Results Matrix by Base Rate Cell				
MCO / GSR	2021 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
CCI (GSR 6)	39,938	\$3,828.37	\$2,272.90	\$90,776,176	\$1,555.47	\$62,122,891
CCI (GSR 8)	45,736	3,534.38	2,098.36	95,969,780	1,436.02	65,677,146
CCI (GSR 9)	7,935	2,913.10	1,729.51	13,724,064	1,183.59	9,392,096
CCI (GSR 10)	20,216	3,598.47	2,136.41	43,190,066	1,462.06	29,557,224
CCI (GSR 11)	31,237	3,731.00	2,215.10	69,193,859	1,515.91	47,352,981
CCI (GSR 12)	1,248	3,994.90	2,371.77	2,959,717	1,623.13	2,025,489
Inclusa (GSR 1)	28,296	3,861.66	2,292.67	64,873,682	1,568.99	44,396,458
Inclusa (GSR 2)	43,604	3,302.99	1,960.98	85,505,903	1,342.00	58,516,167
Inclusa (GSR 3)	24,699	3,219.00	1,911.12	47,202,624	1,307.88	32,303,227
Inclusa (GSR 4)	44,529	3,300.97	1,959.79	87,266,783	1,341.18	59,721,229
Inclusa (GSR 5)	3,196	3,256.31	1,933.27	6,179,307	1,323.04	4,228,824
Inclusa (GSR 6)	1,560	3,373.93	2,003.10	3,124,122	1,370.83	2,138,000
Inclusa (GSR 7)	30,536	3,378.85	2,006.02	61,255,959	1,372.83	41,920,661
Inclusa (GSR 9)	0	3,255.05	1,932.52	0	1,322.53	0
Inclusa (GSR 10)	0	3,501.26	2,078.70	0	1,422.56	0
Inclusa (GSR 13)	4,929	3,993.54	2,370.97	11,686,715	1,622.58	7,997,831
Inclusa (GSR 14)	8,127	4,265.43	2,532.39	20,580,779	1,733.05	14,084,505
LCI (GSR 4)	10,139	3,059.30	1,816.31	18,415,923	1,242.99	12,602,980
LCI (GSR 9)	31,040	3,369.64	2,000.55	62,096,701	1,369.08	42,496,024
LCI (GSR 10)	6,640	3,245.19	1,926.67	12,793,370	1,318.52	8,755,173
LCI (GSR 13)	46,213	3,705.48	2,199.94	101,665,842	1,505.53	69,575,260
MCW (GSR 1)	6,616	2,854.85	1,694.92	11,214,213	1,159.93	7,674,473
MCW (GSR 2)	8,765	2,532.00	1,503.25	13,175,598	1,028.75	9,016,752
MCW (GSR 3)	9,342	2,612.48	1,551.03	14,489,419	1,061.45	9,915,868
MCW (GSR 5)	31,508	3,503.28	2,079.90	65,533,983	1,423.38	44,848,336
MCW (GSR 6)	28,096	3,814.81	2,264.85	63,632,790	1,549.96	43,547,251
MCW (GSR 8)	85,612	3,281.13	1,948.01	166,772,382	1,333.12	114,131,074
MCW (GSR 11)	7,369	3,554.92	2,110.56	15,551,653	1,444.36	10,642,810
MCW (GSR 12)	14,979	4,357.84	2,587.25	38,753,317	1,770.59	26,520,924
MCW (GSR 14)	7,373	3,296.28	1,957.00	14,429,239	1,339.28	9,874,684
Grand Total	629,477	\$3,483.92	\$2,068.41	\$1,302,013,966	\$1,415.52	\$891,036,339

Assuming FFY 2021 Federal Medical Assistance Percentage of 59.37%

APPENDIX D

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

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Appendix D
Wisconsin Department of Health Services
CY 2021 Family Care Draft Capitation Rate Development
Family Care Trend Development¹

Target Group²	MPPM Costs, Family Care Experience			2017 to 2019 Annual Trend	Selected Trend³
	CY 2017	CY 2018	CY 2019		
Developmentally Disabled	3,569.54	3,637.73	3,737.73	2.33%	2.40%
Physically Disabled	2,191.82	2,239.50	2,328.41	3.07%	2.92%
Frail Elderly	2,502.76	2,542.14	2,628.71	2.49%	2.50%
	Acuity/Risk Scores				
	CY 2017	CY 2018	CY 2019		
Developmentally Disabled	0.9752	1.0007	1.0228	2.41%	2.40%
Physically Disabled	0.9881	0.9953	1.0161	1.41%	1.40%
Frail Elderly	1.0005	0.9970	1.0025	0.10%	0.20%
	Risk Adjusted PMPM Costs				
	CY 2017	CY 2018	CY 2019		
Developmentally Disabled	3,660.34	3,635.05	3,654.50	-0.08%	0.00%
Physically Disabled	2,218.30	2,249.99	2,291.47	1.64%	1.50%
Frail Elderly	2,501.58	2,549.78	2,622.20	2.38%	2.30%

¹ Base experience data excludes all MCOs in GSRs 12, 13, and 14, as well as expansion counties in GSRs 1, 4 and 5.

² Experience has been adjusted to account for updates made to the target group automation algorithm.

³ The final selected trends are based on the results of a regression analysis using monthly PMPM service costs from 2017 to 2019.

APPENDIX E

State of Wisconsin Department of Health Services
Calendar Year 2021 Capitation Rate Development Family Care Program

November 24, 2020

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Appendix E
 Wisconsin Department of Health Services
 CY 2021 Family Care Capitation Rate Development
 Geographic Factor Analysis

GSR	Actual Costs				Projected				Annual Weighting Ratios			Preliminary Adjustment Factor
	2017	2018	2019	Average	2017	2018	2019	Average	2017	2018	2019	
GSR 1 (Non-Expansion)	\$3,225.90	\$3,213.93	\$3,295.32	\$3,245.05	\$3,224.25	\$3,431.93	\$3,443.19	\$3,366.46	16.7%	33.3%	50.0%	0.9574
GSR 1 (Expansion)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GSR 4 (Non-Expansion)	2,970.53	2,887.53	2,941.33	2,933.13	3,025.09	3,057.47	3,032.85	3,038.47	16.7%	33.3%	50.0%	0.9634
GSR 4 (Expansion)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GSR 7	2,981.50	2,917.10	3,120.24	3,006.28	3,079.77	3,116.78	3,146.48	3,114.34	16.7%	33.3%	50.0%	0.9692
GSR 9	3,005.40	3,087.60	3,117.78	3,070.26	2,953.06	2,991.20	3,030.24	2,991.50	16.7%	33.3%	50.0%	1.0281
GSR 10	3,096.95	3,139.20	3,201.58	3,145.91	3,111.95	3,087.49	3,155.38	3,118.27	16.7%	33.3%	50.0%	1.0121
Super Region 1	\$3,049.15	\$3,036.96	\$3,117.45	\$3,067.86	\$3,071.67	\$3,132.80	\$3,149.02	\$3,117.83	16.7%	33.3%	50.0%	0.9836
GSR 2	\$2,736.32	\$2,775.77	\$2,879.31	\$2,797.14	\$2,958.09	\$3,064.81	\$3,015.20	\$3,012.70	16.7%	33.3%	50.0%	0.9335
GSR 3	2,905.38	2,833.47	2,871.34	2,870.06	2,895.74	3,011.77	2,960.50	2,956.00	16.7%	33.3%	50.0%	0.9658
GSR 5 (Non-Expansion)	3,197.37	3,317.23	3,360.12	3,291.57	3,265.56	3,258.90	3,213.46	3,245.97	16.7%	33.3%	50.0%	1.0253
GSR 5 (Expansion)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Super Region 2	\$2,907.24	\$2,942.36	\$3,011.27	\$2,953.62	\$3,027.66	\$3,105.33	\$3,055.64	\$3,062.88	16.7%	33.3%	50.0%	0.9686
GSR 6	\$3,185.98	\$3,302.85	\$3,355.31	\$3,281.38	\$3,191.62	\$3,115.19	\$3,142.41	\$3,149.74	16.7%	33.3%	50.0%	1.0537
GSR 5-6	3,300.91	3,416.52	3,531.93	3,416.45	3,286.57	3,315.56	3,362.65	3,321.60	16.7%	33.3%	50.0%	1.0360
GSR 11	3,105.84	3,218.69	3,240.23	3,188.25	3,058.45	3,078.84	3,164.45	3,100.58	16.7%	33.3%	50.0%	1.0297
Super Region 3	\$3,203.28	\$3,317.14	\$3,382.42	\$3,300.95	\$3,183.48	\$3,178.68	\$3,233.51	\$3,198.56	16.7%	33.3%	50.0%	1.0386
Super Region 4: GSR 8	\$2,817.92	\$2,886.64	\$2,944.95	\$2,883.17	\$2,805.54	\$2,866.09	\$2,929.39	\$2,867.01	16.7%	33.3%	50.0%	1.0058
Super Region 5: GSR 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Super Region 6: GSR 13	\$3,328.91	\$3,362.15	\$3,362.22	\$3,351.09	\$3,072.66	\$3,150.06	\$3,196.28	\$3,139.67	16.7%	33.3%	50.0%	1.0623
Super Region 7: GSR 14	\$3,896.57	\$3,525.15	\$3,541.36	\$3,654.36	\$3,213.40	\$3,373.57	\$3,255.60	\$3,280.86	16.7%	33.3%	50.0%	1.0943

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