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December 6, 2018

Mr. Grant Cummings, Section Chief
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1 West Wilson Street
Madison, WI 53703-0309

[Sent via email: GrantR.Cummings@dhs.wisconsin.gov]

Re: CY 2019 Family Care Capitation Rate Report

Dear Grant:

Thank you for the opportunity to assist the Wisconsin Department of Health Services (DHS) with this important project. Our report summarizes the development of calendar year 2019 capitation rates for Wisconsin's Family Care program.



We look forward to discussing these results with you.

Sincerely,

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MCC/JJ/mmd

Attachment

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**State of Wisconsin
Department of Health Services
Calendar Year 2019 Capitation Rate Development
Family Care Program**

Prepared for:
**The State of Wisconsin
Department of Health Services**

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I. EXECUTIVE SUMMARY

This report documents the development of the January 2019 to December 2019 (CY 2019) 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 2019 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.

CY 2019 CAPITATION RATES

This report includes the development of the Managed Care Equivalent (MCE) rates and any additional policy adjustments made to the MCE that are known and quantifiable at this time. We use the term “Managed Care Equivalent” to mean the projected CY 2019 service and administrative costs prior to removing the High Cost Risk Pool (HCRP) withhold and prior to adding targeted margin loads or program changes implemented since the base period.

The statewide average CY 2019 capitation rate is \$3,400.15 for the Nursing Home Level of Care (NH LOC) population and \$512.25 for the Non-Nursing Home Level of Care (Non-NH LOC) population. The capitation rates add targeted margin and the market variability adjustment to the MCE rates for the NH eligible population and targeted margin to the MCE rates for the Non-NH LOC population.

The statewide average CY 2019 MCE rate is \$3,297.06 for the NH LOC population and \$504.57 for the Non-NH LOC population. Table 1 shows the statewide rate change from the CY 2018 MCE rates to the CY 2019 MCE rates for each population.

Table 1 Wisconsin Department of Health Services Comparison of CY 2018 and CY 2019 MCE Rates		
	NH LOC	Non-NH LOC
CY 2018 MCE Rates	\$3,208.49	\$473.44
CY 2019 MCE Rates	\$3,297.06	\$504.57
% Change	+2.8%	+6.6%

The 2.8% change in MCE rates from CY 2018 to CY 2019 for the combined NH / Non NH LOC populations can be broken down as follows:

- 0.2% increase due to the difference between actual CY 2017 base cohort costs and the CY 2017 costs predicted as part of CY 2018 rate development
- 0.3% increase due to differences in one-year trend values applied to move CY 2017 costs to CY 2018 costs in the CY 2019 rate development vs. the CY 2018 rate development
- 0.3% increase due to application of service trend to project CY 2018 costs to CY 2019
- 1.5% increase due to application of acuity trend to project CY 2018 acuity to CY 2019

- 0.4% increase due to projected acuity differences for non-base and expansion cohorts prior to the application of the phase in adjustment for expansion counties
- 0.1% increase due to differences in the target group distribution between the CY 2017 base data and CY 2019 projected enrollment
- 0.0% net change due to the changes in the value of the phase in adjustments for expansion regions

The change in MCE rates for the DD, PD, and FE target groups is 3.8%, -0.7%, and -1.3%, respectively. The rate change by target group differs from the composite change due to the impact of target group automation changes and target group-specific service cost and acuity trend values.

Projected CY 2019 expenditures split between federal and state liability are included as Appendices C1 to C3.

METHODOLOGY CHANGES FROM CY 2018 RATES

The CY 2019 capitation rate methodology reflects several changes to the CY 2018 rate methodology. The most significant changes are listed and described below.

2017 Target Group Automation Algorithm Changes

Effective January 2017, certain changes were made to the target group automation algorithm derived from the Long-Term Care Functional Screen (LTCFS) administered to program participants at least annually. Principal among these changes was to move physically disabled members into the frail elder target group effective with their first screen after age 65. A further analysis of the operationalization of the target group automation algorithm identified a portion of members previously being assigned to the PD or FE target groups where the types of assistance needed now classify the member as DD. For base data development, the target group definition derived from members' functional screens collected prior to the changes was adjusted to be consistent with the LTCFS changes. Therefore, the base data and 2019 rates are developed on a basis that fully reflects the target group algorithm changes.

Nursing Home / PCA Rate Adjustments

For the CY 2018 capitation rates, DHS included two rate adjustments: An allowance to reflect the 3% nursing home per diem increase and 2% personal care assistance reimbursement increase effective July 1, 2017, and an allowance to reflect the 2.8% nursing home per diem increase and 2% personal care assistance reimbursement increase effective July 1, 2018. These adjustments continue for CY 2019 capitation rates and are discussed in more detail in this report.

Durable Medical Equipment Rate Reductions

For CY 2019 capitation rates, DHS is including an adjustment to account for reductions in the Medicaid fee schedule for durable medical equipment (DME) services in order to come into compliance with the 21st Century Cares Act, which requires that the Medicaid fee schedule for DME services be no higher than the Medicare rate. This reduction is phased in over several years, with the first change effective January 1, 2019.

DATA RELIANCE AND IMPORTANT CAVEATS

We used MCO financial reporting, as well as encounter, eligibility, and functional screen data for CY 2016, CY 2017, and June 2018, and other information provided by DHS to develop the Family Care capitation rates shown in this report. This data was provided by DHS. We have not audited this data and other information. If the underlying data or information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete. We performed a limited review of the data used directly in our analysis for reasonableness and consistency and have not found material defects in the data. If there are material defects in the data, it is possible that they would be uncovered by a detailed, systematic review and comparison of the data to search for data values that are questionable or for relationships that are materially inconsistent. Such a review was beyond the scope of our assignment.

In order to provide the information requested by DHS, we constructed several projection models. 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.

Milliman prepared this report for the specific purpose of developing the CY 2019 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.

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, 2015 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 15 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 2019 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 2017 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 rate using June 2018 screens and the functional status acuity model relativities.
4. Apply adjustments to the risk adjusted base rate to project CY 2019 services costs for each MCO / GSR combination and target group.
5. Add HCRP pooling charge.
6. Apply market variability adjustment.
7. Add allowances for non-benefit costs and margin.
8. Blend the capitation rates developed for non-expansion and expansion counties to create a single rate for expanding GSRs.
9. Blend the projected CY 2019 service costs, including program adjustments, market variability adjustments, and 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 2017 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 2017 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 2015 and December 2017 with dates of payment through March 2018. 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.

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.

For the CY 2017 data, about 0.3% of total provider service and case management dollars are excluded due to a lack of corresponding enrollment records.

The CY 2019 rate methodology relies on CY 2017 MCO encounter data for MCO / GSR combinations that are deemed credible based on MCO / GSR size and program maturity. Table 2 outlines the CY 2017 base cohorts.

Table 2 Wisconsin Department of Health Services Base Cohort Population Details	
MCO	CY 2017 Data
Care Wisconsin	GSR 1, GSR 2, GSR 3, GSR 5, GSR 6, GSR 5-6
CCI	GSR 6, GSR 5-6, GSR 8, GSR 9, GSR 10, GSR 11
Inclusa	GSR 1, GSR 2, GSR 3, GSR 4, GSR 5, GSR 5-6, GSR 7
LCI	GSR 4, GSR 9, GSR 10
MCFCI	GSR 6, GSR 5-6, GSR 8, GSR 11

The base data cohort encompasses 88% of the total CY 2017 exposure. Excluding the service costs for the excluded MCO / GSR combinations reduces the rate development base data PMPM by 1.6%. The cohort excluded from the base data is identified in Exhibits E and F (labeled as non-base cohort and 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. The primary driver of the cost difference between the base data and statewide data is GSR 13, which phased in operations across counties through November 2015, and GSR 14, which began operations July 2016.

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 January 2017, certain updates were made to the target group automation algorithm which resulted in changes to members’ target groups. Principal among these changes is that all individuals not assigned to the Developmentally Disabled target group who were age 65 or over were assigned to the Frail Elderly target group. A further analysis of the operationalization of the target group automation algorithm identified a portion of members previously being assigned to the PD or FE target groups where the types of assistance needed now classify the member as DD. The target group to which a member is classified was not updated as a result of the automation algorithm change until they receive their first screen after January 2017. As a result, a portion of a member’s enrollment was assigned a target group based on the previous methodology. To address this issue, each member’s target group which was assigned based on an LTCFS collected prior to January 2017 was replaced with the member’s target group assigned on the first screen collected after January 2017, which reflects the target group automation algorithm changes. For members who lapsed eligibility prior to receiving a screen after January 2017, the target group for all eligibility months during CY 2017 was only changed in the event that the member was assigned to the Physically Disabled target group and was age 65 or over. In this scenario, the member would be reassigned to the Frail Elderly target group.

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 collecting full service cost information in the encounter data reporting 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 2017
Care Wisconsin	11.7%
CCI	6.8%
Inclusa	5.5%
LCI	3.9%
MCFCI	2.2%

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 capitation 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 2017 by target population group. These values are consistent with Exhibit A.

Table 4 Wisconsin Department of Health Services HCRP Service Costs Removed (PMPM)			
MCO / GSR ¹	DD	PD	FE
Care WI / GSR 1	\$0.00	\$0.00	\$0.00
Care WI / GSR 2	0.00	0.00	0.00
Care WI / GSR 3	0.00	0.00	0.00
Care WI / GSR 5	87.70	51.25	0.00
Care WI / GSR 6	522.85	97.79	0.00
Care WI / GSR 5-6	111.61	173.77	2.95
CCI / GSR 6	24.96	23.76	0.00
CCI / GSR 5-6	41.49	52.24	1.48
CCI / GSR 8	76.02	0.00	0.00
CCI / GSR 9	249.33	0.00	0.00
CCI / GSR 10	14.77	0.00	0.00
CCI / GSR 11	21.95	23.67	0.00
Inclusa / GSR 1	34.04	0.00	0.00
Inclusa / GSR 2	13.98	0.10	0.00
Inclusa / GSR 3	9.07	0.00	0.00
Inclusa / GSR 4	46.96	87.20	0.00
Inclusa / GSR 5	76.48	0.00	0.00
Inclusa / GSR 5-6	0.00	0.00	0.00
Inclusa / GSR 7	41.14	0.00	0.00
LCI / GSR 4	0.00	0.00	0.00
LCI / GSR 9	38.65	0.00	0.00
LCI / GSR 10	0.00	0.00	0.00
MCFCI / GSR 6	214.14	0.00	0.00
MCFCI / GSR 5-6	0.00	0.00	0.00
MCFCI / GSR 8	11.92	0.00	0.92
MCFCI / GSR 11	0.00	0.00	0.00

¹ Base data experience excludes 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 2019 net target group service costs as a fixed, statewide pooling charge in Step 5.

Non-Covered Services Adjustments

Approximately \$16.8M in expenditures for services not covered under the Family Care benefit set were removed from the base data. 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 runout 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 2017 experience data, including 2017 provider services paid through March 2018, 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 2017 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 show 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.

Table 5 Wisconsin Department of Health Services Incurred But Not Reported Adjustment Factors	
MCO	Adjustment Factors
Care WI	1.0042
CCI	1.0025
Inclusa	1.0049
LCI	1.0024
MCFCI	1.0056

STEP 3: CALCULATE MCO / GSR SPECIFIC RISK ADJUSTED BASE RATE USING JUNE 2018 ENROLLMENT AND THE FUNCTIONAL STATUS ACUITY MODEL RELATIVITIES

We developed the NH LOC models using individual functional status to predict costs from MCO-reported experience for CY 2016 and CY 2017; two years of data were used in order to improve the credibility and stability of the models. The model cost weights were normalized to adjusted CY 2017 target group base data costs from Step 2. A regression model was independently developed 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 net MCO liability under the HCRP program.

The attached Exhibits C1 to 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 R²) and the proportion of the population with the characteristic.

Table 6 below provides a high level comparison between the CY 2018 and CY 2019 models for each target group.

Table 6 Wisconsin Department of Health Services Comparison of CY 2018 and CY 2019 Functional Status Models Nursing Home Level of Care			
	Developmentally Disabled	Physically Disabled	Frail Elderly
CY 2019 R ²	52.3%	49.7%	37.4%
CY 2018 R ²	54.6%	50.5%	39.6%
R ² Percentage Change	-2.3%	-0.8%	-2.2%

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 \$3,631.85, 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 2017 costs for each target population base data cohort are unaffected in total.

Exhibits D1B, D2B, and D3B develop the risk score and cost PMPM as modeled by the functional status acuity model using the June 2018 Family Care NH LOC population enrollment. These costs are reflected in the column labeled “MCO / GSR Specific Risk Adjusted Rate” in Exhibit E and illustrate the acuity-adjusted service cost for each MCO / GSR combination using the base period regression model (reflecting the CY 2017 utilization and unit cost structure) and the June 2018 Family Care population functional screens. Table 7 below illustrates the increase in average modeled acuity for the base data cohort between CY 2017 and the June 2018 snapshot underlying Exhibit E.

Table 7 Wisconsin Department of Health Services Acuity Change Between CY 2017 and June 2018 Base Data Cohort	
Target Group	Acuity Change
Developmentally Disabled	1.0371
Physically Disabled	1.0191
Frail Elderly	1.0123

For credibility purposes, each MCO / GSR combination with fewer than 100 members enrolled in any target group as of June 2018 will use the functional screen attribute distribution for all members enrolled in that region across all MCOs for each target group. Table 8 below shows the impacted MCO / GSR combinations.

Table 8 Wisconsin Department of Health Services Low Credibility MCO / GSR Combinations – NH LOC	
MCO	Low Credibility Combinations ¹
Care Wisconsin	GSR 1, GSR 3, GSR 6, GSR 11, GSR 12
CCI	GSR 9
Inclusa	GSR 1 (expansion counties only), GSR 4 (expansion counties only), GSR 5, GSR 5-6
LCI	GSR 4, GSR 10
MCFCI	GSR 2, GSR 3, GSR 5-6, GSR 6, GSR 11, GSR 12

¹ GSRs 1 and 4 include expansion counties unless otherwise stated. GSR 5 excludes expansion counties.

Finally, for MCOs operating in the expansion county in GSR 5 (Adams County), the risk score is calculated based on the variable distribution for each functional status model for members enrolled in the waiver program or on the waitlist as of December 2017.

June 2018 Risk Score Phase-In Adjustment - Inclusa

A review of June 2018 functional screens for Inclusa revealed an increase in the prevalence of certain variables used in the regression models. These prevalence increases resulted in Inclusa’s June 2018 regression results increasing over CY 2017 results at a rate significantly faster than other MCOs.

Since the rate of increased risk scores materially exceeds the anticipated PMPM cost trends, the increased risk scores observed as a result of this process will be phased in. For CY 2019, regression results for Inclusa’s members will be adjusted to reflect 50% of the observed increase over the average increase observed for other MCOs. To calculate this adjustment we compared the average increase in risk scores observed for all MCOs excluding Inclusa from June 2017 to June 2018 to the increase observed for Inclusa. No material changes to the screening methodology have been identified for other MCOs, and as a result, we believe that the increase seen for other MCOs is reflective of only the average acuity increase for the program. We limited this comparison to the population enrolled in Family Care in both June 2017 and June 2018 (“continuing members”) for each MCO to remove the impact that enrollment changes, including lapsing and newly enrolled members, may have on this calculation. We similarly limited this comparison to only those MCO / GSR combinations included in the base data cohort. Table 9 below shows the calculation of the dampening factor for each target group.

Table 9 Wisconsin Department of Health Services Risk Score Phase-In Adjustment Factor – Inclusa									
	(A)	(B)	(C) = (B) / (A) -1	(D)	(E)	(F) = (E) / (D) - 1	(G) = (F) - (C)	(H)	(I) = [1 + (C) + (H) x (G)] / [1 + (F)]
	Continuing Members Risk Scores – Excluding Inclusa			Continuing Members Risk Scores – Inclusa					
Target Group	June 2017 Members	June 2018 Members	June 2018 Increase	June 2017 Members	June 2018 Members	June 2018 Increase	Total Risk Score Increase Difference	Applied Percentage	Risk Score Adjustment Factor
DD	0.967	0.999	3.3%	0.971	1.073	10.5%	7.2%	50%	0.967
PD	0.938	0.972	3.5%	0.928	1.013	9.2%	5.6%	50%	0.974
FE	0.945	1.000	5.8%	0.936	1.045	11.7%	5.9%	50%	0.974

We apply the dampening factors from Table 9 to Inclusa’s risk score for each GSR in which Inclusa’s experience is credible.

Risk scores for MCO / GSR combinations that are not credible are calculated based on the functional screen distribution for all MCOs operating in the GSR. For MCO / GSR combinations which are not credible and in which Inclusa operates, only the portion of the risk score calculated using Inclusa’s membership is adjusted.

The original and phase-in adjusted risk model PMPM estimates are shown at the bottom of Exhibits D1B, D2B, and D3B.

STEP 4: APPLY ADJUSTMENTS TO THE RISK ADJUSTED BASE RATE TO PROJECT CY 2019 SERVICE COSTS

In this step, we apply adjustment factors to reflect differences between the base period encounter data and the projected CY 2019 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 2017 to CY 2019

Service cost trend rates were used to project the CY 2017 baseline cost data to the CY 2019 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 2015 through CY 2017 in a number of different ways using data consistent with the MCO / GSR combinations included in the base data cohort. As a result of our trend study, we selected annual PMPM service cost trends of 0.00%, 1.60%, and 0.00% for the DD, PD, and FE target groups, respectively. Appendix D summarizes our analysis. The trend study and selected trends are before the application of the nursing home per diem trend add-on, described in this section.

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.

The 2018-19 Wisconsin biennial budget directs DHS to provide a 3.00% rate increase for nursing home per diems for SFY 2018 and a 2.80% increase for SFY 2019. This results in an annualized nursing home per diem trend of 2.46% between the base experience period of CY 2017 and the rate period of CY 2019. However, the trend development methodology would only capture the historical annualized per diem trend of 1.26% between CY 2015 and CY 2017. To bridge this 1.20% gap, we developed a trend adjustment by multiplying the 1.20% trend gap by the statewide percentage of nursing home costs included in the base experience data for each target group separately. This adjustment is added to the selected total cost trends. Table 10 below shows the total annual PMPM trend rates by target group assumed for combined pooled and non-pooled costs.

Table 10 Wisconsin Department of Health Services Family Care Program Nursing Home Per Diem Trend Add-On Nursing Home and Non-Nursing Home Level of Care Populations		
Target Group	Percentage of Nursing Home Cost in Base Period Data	Trend Adjustment
Nursing Home LOC		
Developmentally Disabled	3.6%	0.04%
Physically Disabled	12.8%	0.15%
Frail Elderly	20.8%	0.25%
Non-Nursing Home LOC		
All Target Groups	1.6%	0.02%

Table 11 illustrates the combined pooled and non-pooled service cost trend values implemented for the CY 2019 rate development split between utilization and unit cost trends for each target group. The values are consistent with the historical trend analysis described above. The trends are comparable to trends realized in other Medicaid managed long term care programs after accounting for member acuity trends.

Table 11
Wisconsin Department of Health Services
Annual Trend Rates by Target Group

Target Group	Annual Utilization Trend	Annual Unit Cost Trend	Annual PMPM Trend
Developmentally Disabled	0.15%	-0.11%	0.04%
Physically Disabled	1.29%	0.45%	1.75%
Frail Elderly	-0.74%	1.00%	0.25%

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

Table 12
Wisconsin Department of Health Services
Average Annual Trend Rates by Target Group

Target Group	HCRP Amount Trend	Net PMPM Trend	Total PMPM Trend
Developmentally Disabled	15.0%	-0.14%	0.04%
Physically Disabled	50.0%	1.32%	1.75%
Frail Elderly	0.0%	0.25%	0.25%

Acuity Adjustment from CY 2018 to CY 2019

In order to develop rates based on expected CY 2019 member acuity levels, we apply one year of projected acuity trend to the June 2018 acuity-adjusted costs. As part of the historical trend study, we developed CY 2015 to CY 2017 changes in average acuity for each target population. The acuity trend study was performed 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. Those same acuity results were used to develop the risk-adjusted service costs underlying the service cost trend development. We believe these changes in average acuity, as outlined in Table 13 below, are appropriate to assume continuing for CY 2018 to CY 2019.

Table 13
Wisconsin Department of Health Services
Annual Acuity Trend Rates by Target Group

Target Group	Annual Acuity Trend
Developmentally Disabled	2.10%
Physically Disabled	-0.30%
Frail Elderly	1.20%

Geographic Wage 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 analyzed the differences in typical service provider wages, as surveyed by the U.S. Bureau of Labor Statistics (BLS), for each GSR relative to the total Family Care service area to develop factors that adjust projected service costs up or down for each GSR.

We developed county factors based on the wage levels paid in each region relative to GSRs included in the base data cohort for five broad categories of service. DHS previously developed an anticipated distribution of provider occupations for each category of service. As such, we used wage data reported by the BLS as of May 2017 (downloaded on July 15, 2018) for the following occupations: Registered nurses, licensed practical nurses, medical and public health social workers, social and human services assistants, home health aides, and personal care / home care aides. The relative wage factors for each category of service were aggregated to one factor for each county using the relative Family Care costs for these services for all MCOs combined in the base cohort.

Wage factors were first calculated for each county individually. Then these county factors were weighted based on projected CY 2019 enrollment in order to develop aggregate factors for each GSR as detailed in Table 14 below. Because projected CY 2019 enrollment is used to weight the factors, this adjustment will not be revenue neutral to the degree the enrollment distributions differ between CY 2017 and CY 2019.

Table 14 Wisconsin Department of Health Services CY 2019 Geographic Wage Adjustment Factors Family Care Program		
GSR	Calculated Factor	Dampened Factor
GSR 1	1.0006	1.0005
GSR 2	1.0092	1.0064
GSR 3	0.9814	0.9870
GSR 4	0.9582	0.9707
GSR 5	0.9645	0.9752
GSR 6	0.9807	0.9865
GSR 5-6	1.0191	1.0134
GSR 7	0.9855	0.9899
GSR 8	1.0191	1.0134
GSR 9	0.9843	0.9890
GSR 10	1.0022	1.0016
GSR 11	1.0344	1.0241
GSR 12	1.0678	1.0474
GSR 13	0.9718	0.9803
GSR 14	0.9691	0.9784

Based on previous analyses performed by DHS, in collaboration with the MCOs, it was determined that, on average, 70% of an MCO's service cost would be impacted by wage differentials. Therefore, the dampened factors in the last column of Table 14 were utilized in CY 2019 rate development. For example, the GSR 2 calculated factor of 1.0092 is dampened to $(1 + (1.0092 - 1) * 70\%) = 1.0064$.

Given the nature of the services provided under the contract, it was reasonable to us that the majority of the costs of providing services would be related to practitioner wages. However, the task of performing a cost study to ascertain the portion of provider costs associated with employee wages was outside the scope of our engagement.

Phase-In Adjustments – GSRs 12, 13, and 14; GSR 1, 4, and 5 Expansion Counties

The base data cohort and other pricing assumptions used to develop projected service costs used in the 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 typically applied over the first 24 months in which Family Care is operational in a county. However the expansions into GSRs 13 and 14 have not yet fully achieved the level of managed care efficiencies realized by most of the rest of the state. This is driven by both higher than average provider reimbursement rates and slower to change utilization patterns. We will continue to monitor program experience in these GSRs and consider additional ways to address in future rate development exercises.

Table 15 shows the development of the phase-in adjustment factor for GSRs 12, 13, and 14, as well as the phase-in adjustment factor for expansion counties added to GSRs 1, 4, and 5. The model shortfall or overage are consistent with the values used in prior rate years.

Table 15 Wisconsin Department of Health Services CY 2019 Phase-In Adjustment Factors Family Care Program						
	GSR 1	GSR 4	GSR 5	GSR 12	GSR 13	GSR 14
Family Care Start Date	Jul 2017	Jul 2017	Jul 2018	Feb 2018	Jun 2015 – Nov 2015	Jul 2016
Regression Model PMPM, Waiver Population:	\$2,049.64	\$2,535.45	\$2,730.58	\$3,101.48	\$2,533.53	\$2,677.17
Per Capita FFS Costs, Waiver Population:	\$2,033.66	\$2,873.27	\$3,373.41	\$4,742.15	\$3,318.20	\$3,956.63
Model Overage / Shortfall:	-0.78%	13.32%	23.54%	52.90%	30.97%	47.79%
Waiver / Waitlist Dampening Factor:	0.975	0.928	0.963	0.760	0.719	0.663
Applied Percentage:	0.250	0.250	0.667	0.500	0.250	0.250
CY 2019 Rate Enhancement:	0.00%¹	3.09%	15.11%	20.10%	5.57%	7.93%

¹ No phase-in adjustment is applied if actual FFS costs are lower than the modeled Waiver population costs.

This phase-in adjustment is calculated as follows:

- Modeled costs for the Waiver population were summarized using the most recent regression model and LTCFS available at the time of implementation:
 - CY 2018 regression model (built using CY 2015 to 2016 data) for Adams County in GSR 5
 - CY 2017 regression model (built using CY 2014 to 2015 data) for GSR 12 and new counties in GSRs 1 and 4
 - CY 2016 regression model (built using CY 2013 – 2014 data) for GSR 14

- CY 2015 regression model (built using CY 2012 – 2013 data) for GSR 13
- Actual per capita FFS costs, consisting of FFS and Family Care-covered MA Card costs, were summarized for Waiver recipients receiving care in CY 2016 for Adams County in GSR 5, CY 2015 for GSR 12 and new counties in GSRs 1 and 4, CY 2014 for GSR 14, and CY 2012-2013 for GSR 13.
- The ratio of actual FFS 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 ratio is adjusted in two ways:
 - The adjustment is intended to only apply to individuals receiving care through the Waiver program and not to individuals entering the LTC program from the Waitlist. Individuals joining the program from the Waitlist and not previously eligible for Waiver services generally more quickly utilize care consistent with MCO efficiency expectations. The ratio of projected enrollment attributable to the Waitlist population is used to dampen the phase-in adjustment factor.
 - This adjustment is also phased in over two years. The contract year applied percentage is the amount of the phase-in adjustment that we apply to CY 2019 capitation rates based on the actual implementation date of the expansion GSR. For the phase-in, five-sixths of the projected savings are excluded from rates in the first year of operation, and one-half is excluded in the second year.

For example, the GSR 1 expansion started operation in July 2017, so CY 2019 includes six months in the second year of operation and six months in the third year of operation. Therefore, the applied percentage = $(6/12) * (1/2) + (6/12) * (0) = 0.250$.

The applied percentage is set at a minimum of 0.250.

No phase-in adjustment is applied if actual FFS costs are lower than the modeled Waiver population costs.

Personal Care Rate Increase

The 2018-19 Wisconsin state budget directs DHS to increase fee-for-service personal care rates by 2% effective July 2017 and an additional 2% increase effective July 2018. Accompanying this rate increase is the expectation that Family Care MCOs will also implement these rate increases effective January 2018 and January 2019. Therefore, we applied an adjustment equivalent to 4% of personal care costs as part of this rate development. Personal care costs represented between 0.19% and 0.80% of base period costs across the three target groups. Applying these rate increases to these portions of the cost results in adjustments of 0.01%, 0.03%, and 0.01% for the DD, PD, and FE target groups, respectively. This adjustment is made in column D6 of Exhibit E1.

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 approximately \$940,000 across the NH LOC and Non-NH LOC populations. This

reduction was allocated across each NH LOC target group, which resulted in decreases to the NH LOC projected service costs of 0.04%, 0.16%, and 0.07% for the DD, PD, and FE target groups, respectively.

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 12 above and adjusted for the following items:

- Incurred by not reported claims
- Acuity differences between CY 2017 and CY 2019
- HCRP-specific service cost trends listed in Table 12
- Geographic wage adjustments
- Phase-in adjustments for expansion GSRs and counties
- Programmatic adjustments

Table 16 below restates the costs added in Exhibit E2 by target group.

Table 16 Wisconsin Department of Health Services CY 2019 HCRP Pooled Claims		
Target Group	Percentage of MCE Service Costs	PMPM
Developmentally Disabled	1.47%	\$56.90
Physically Disabled	1.55%	39.02
Frail Elderly	0.02%	0.43

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: APPLY MARKET VARIABILITY ADJUSTMENT

The level of case management cost savings actually realized for each MCO / GSR combination will vary based on a number of factors including availability of a comprehensive community-based service array, MCO experience and effectiveness, provider negotiating leverage, and advocate community impacts. In order to incorporate this variability into rate development, we apply reasonable and appropriate market variability adjustments targeted to each MCO based on their business projections for the contract period. The goal of the adjustment is to apply reasonable factors that target contracted capitation rates that better match expected service costs, given the historical MCO service cost performance relative to the acuity model.

The preliminary range of potential market variability factors for CY 2019 is 0.948 to 1.052.

Preliminary Range of Acceptable Factors

We developed the range of preliminary factors based on a review of actual CY 2015, CY 2016, and CY 2017 MCO / GSR encounter data service costs relative to costs predicted by the functional acuity

model and corresponding member functional screens for those rating years for the Family Care program population. No additional projections or assumptions were required beyond the actual and modeled costs. The results of this analysis are shown in Appendix E.

The width of the preliminary factor range is about +/- 5.2%, which is comparable to many other Medicaid managed care programs where rate ranges have been calculated. No other factors in the 2019 Family Care rate development process include internal ranges.

We excluded MCO / GSRs from the analysis that were not included in the base period cohort (CY 2015, CY 2016, or CY 2017) for rating years CY 2017, CY 2018, and CY 2019, respectively. The total range of results varied from 0.815 to 1.098. We narrowed this range to 0.933 and 1.038 to remove extreme values and account for natural variation that is expected in any at-risk managed care program. Seventy-one percent of the results fell within this range.

It is not the goal of this adjustment to increase or decrease capitation rates in aggregate, though this may occur depending on the actual factors used in rate development. Starting aggregate service cost projections are always based on the most recent, statewide base period information available, while the market variability adjustment targets MCO-specific performance over time. For that reason, the range of acceptable adjustments considered was changed slightly to be centered on 1.00, consistent with the expectation that this adjustment is not intended to apply system-wide rate changes. This changes the preliminary factor range from 0.933 – 1.038 to 0.948 – 1.052.

Factors Actually Implemented

The market variability adjustments utilized for rate development are the result of an extensive business planning process performed by each MCO and coordinated by DHS. MCOs begin developing their business plans in July before the rate year begins. The MCOs look at their entire financial and program operations. DHS determines what MCOs need to include in their business plan submission and requests information from the MCOs on all major program changes expected to occur during the rate year. The business plans include assumptions about the following areas, among others:

- Service cost experience and trends
- Membership acuity trends
- Enrollment trends by region, target group, and level of care
- Care management costs
- Staffing costs
- Service cost savings initiatives
- Administrative savings initiatives
- Major IT system conversions the MCO anticipates to undertake during the rate year
- Additional costs related to specific State program changes or policy changes
- Additional costs related to Federal policy changes

DHS and Milliman review assumptions underlying the business plans for reasonability, as well as the relationship between the business plan projection and the market variability adjusted rates for reasonability. From this effort, DHS develops market variability factors that fall within the range of preliminary factors and represent reasonable, appropriate and attainable rates for each MCO. If these factors do not bring the MCO to projected profitability in the contract period, it is because of documented differences in specific business plan assumptions from those we believe are attainable in this rate development. We have reviewed the development of these adjustments.

Exhibit E2 shows that aggregate costs increase by approximately 1.6% due to the chosen market variability adjustment factors.

STEP 7: 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) in 2009 to help assess the type and range of administrative costs. For the CY 2016 rate development MCOs provided updated CY 2015 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 2019 levels using the CPI trends from BLS shown in Table 17 below.

Table 17 Wisconsin Department of Health Services Consumer Price Index Trends	
Year	Annual Trend Rate
2016	1.00%
2017	1.63%
2018	2.87%
2019	2.87%

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 CY 2019 enrollment. Table 18 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 18 Wisconsin Department of Health Services Member Month Range by Administrative Tier	
Tier	Projected Member Months
Small	0 – 54,999
Medium	55,000 – 89,999
Large	90,000 – 129,999
XL	130,000 – 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 19 shows the fixed cost assumptions used to develop the CY 2019 MCE rates.

Table 19 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.	Fiscal	Claims Mgmt.
Small	6	1	3	1	9	10	2
Medium	8	2	3	1	11	13	3
Large	12	3	4	1	13	16	3
XL	16	4	5	1	15	19	4
XXL	20	5	6	1	17	22	5
Total Expense Assumptions: Fixed Cost Component							
Small	\$1,111,546	\$99,828	\$349,018	\$108,410	\$903,341	\$1,160,135	\$159,681
Medium	1,482,062	199,656	349,018	108,410	1,104,083	1,508,175	239,522
Large	2,223,092	299,484	465,358	108,410	1,304,826	1,856,216	239,522
XL	2,964,123	399,312	581,697	108,410	1,505,568	2,204,256	319,363
XXL	3,705,154	499,140	698,036	108,410	1,706,311	2,552,297	399,204

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 20 shows the variable cost assumptions used to develop the CY 2019 capitation rates.

Table 20	
Wisconsin Department of Health Services	
Variable Cost Components of Non-Benefit Allowance	
Cost Component	PMPM Cost
Claims Management	\$19.19
Fiscal Management	5.46
Information Management	28.78
Quality Management	12.86

OCI Adjustment

Similar to last year, DHS is providing a modest amount of funding (\$0.22 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 (\$131,000) by the total NH LOC projected enrollment in CY 2019. By contract, MCOs will be required to use 100% of these funds to pay for these OCI services, as a cost of doing business.

Targeted Risk Margin / Contribution to Reserves

We include an explicit 1.5% targeted margin to account for cost of capital and contribution to MCO reserves as underlying service costs increase over time. We believe that this margin is appropriate given the predictability of expenses under the program and the portion of the capitation withhold expected to be returned to MCOs.

STEP 8: 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 2019 exposure months.

STEP 9: BLEND NET CAPITATION RATE BY TARGET GROUP

In this step we blend the CY 2019 MCO / GSR capitation rates for each target group based on the projected CY 2019 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 2019 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 2017 MCO encounter base experience data for the Non-NH LOC population by target group.
2. Apply IBNR adjustment 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 2019 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.

In addition, no market variability adjustment is applied for the Non-NH LOC population. Because the Non-NH LOC membership is so small, incorporating a market variability adjustment would not have a material impact on MCO revenue, which is the goal of the adjustment. In addition, the Non-NH LOC costs are more variable, given the size of the population, which limits the credibility of the 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 2017 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 2019 Non-NH LOC rate methodology also relies on CY 2017 MCO encounter data for the same MCO / GSR combinations that are deemed credible for the NH LOC population. The base data cohort encompasses 93% of the total Non-NH LOC CY 2017 exposure. Excluding the service costs for the excluded MCO / GSR combinations reduces the rate development base data PMPM by 1.1%.

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.

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 21 below shows a summary of the amounts for non-covered services in the base data MCO / GSRs to be excluded.

Table 21	
Wisconsin Department of Health Services	
Excluded Amounts for Non-Covered Services	
MCO / GSR ¹	Amount
Care WI / GSR 1	\$0
Care WI / GSR 2	10,020
Care WI / GSR 3	3,310
Care WI / GSR 5	26,356
Care WI / GSR 6	5,193
Care WI / GSR 5-6	11,783
CCI / GSR 6	7,733
CCI / GSR 5-6	4,652
CCI / GSR 8	29,996
CCI / GSR 9	13,660
CCI / GSR 10	10,168
CCI / GSR 11	11,113
Inclusa / GSR 1	1,728
Inclusa / GSR 2	9,236
Inclusa / GSR 3	16,237
Inclusa / GSR 4	113,991
Inclusa / GSR 5	0
Inclusa / GSR 5-6	0
Inclusa / GSR 7	43,665
LCI / GSR 4	0
LCI / GSR 9	761
LCI / GSR 10	0
MCFCI / GSR 6	0
MCFCI / GSR 5-6	8
MCFCI / GSR 8	11,854
MCFCI / GSR 11	255
Total	\$331,718

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

In total, we excluded \$331,718 from the Non-NH CY 2017 base data for non-covered services.

Exhibit I shows the summarized CY 2017 MCO encounter base experience data by target group net of the non-covered services exclusion.

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.

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

In this step we summarize the CY 2017 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 2017 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 2017 functional PMPM relativity has been blended with the CY 2016 functional PMPM relativity, using a 50% weight for each year. The resulting normalized relativity is scaled to match the CY 2017 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 2019 enrollment with a distribution by functional status developed from CY 2016 and CY 2017 experience.

For an MCO with fewer than 250 exposure months in CY 2017 for a particular region, the projected cost is developed using the IADL / ADL enrollment distribution that reflects all Family Care enrollees in that region. This applies only to the base data and non-base data cohorts. Table 22 shows the impacted MCO / GSR combinations. Using the region-wide distribution in these situations slightly decreases (\$.04 PMPM) base period costs for the base cohort.

Table 22 Wisconsin Department of Health Services Low Credibility MCO / GSR Combinations – Non-NH LOC	
MCO	Low Credibility Combinations ¹
Care Wisconsin	GSR 1, GSR 6, GSR 11
CCI	N/A
Inclusa	GSR 5, GSR 5-6, GSR 14
LCI	GSR 4, GSR 10
MCFCI	GSR 2, GSR 3, GSR 5-6, GSR 6, GSR 11, GSR 14

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

For expansion cohort MCO / GSR combinations, the IADL / ADL enrollment distribution is based on the distribution among total base cohort.

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

STEP 5: APPLY ADJUSTMENTS TO THE BASE EXPERIENCE DATA TO PROJECT CY 2019 SERVICE COSTS FOR EACH MCO / GSR

In this step we apply an adjustment to the base period costs to project costs from the CY 2017 base period to the CY 2019 contract period. These adjustments are shown in Exhibit M.

CY 2017 to CY 2019 Trend Adjustment

Service cost and acuity changes are applied for 24 months to project the CY 2017 baseline cost data to the CY 2019 contract period. Table 23 below shows the cost and acuity trends used for the Non-NH LOC population, which are nearly equal to those shown in Table 11 and Table 13, respectively, for the NH LOC population. The only difference in the trend rates between populations is the value of the nursing facility rate increase, because such claims represent a smaller portion of total costs for the Non-NH LOC population. This results in slightly different Annual Unit Cost Trend values.

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.

Table 23 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	0.15%	-0.13%	0.02%	2.10%	2.12%
Physically Disabled	1.30%	0.32%	1.62%	-0.30%	1.31%
Frail Elderly	-0.74%	0.77%	0.02%	1.20%	1.22%
Total	0.54%	0.23%	0.77%	0.83%	1.60%

Geographic Wage 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 wage adjustment factors as for the NH LOC population and documented in Table 14 from Section III 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.

Personal Care Rate Increase

The 2018-19 Wisconsin state budget directs DHS to increase fee-for-service personal care rates by 2% effective July 2017 and an additional 2% increase effective July 2018. Accompanying this rate increase was the expectation that Family Care MCOs would also implement this rate increase. We applied an adjustment equivalent to 4% of personal care costs as part of this rate development. Personal care costs represented 0.20% of base period costs. Applying these rate increases to this portion of the costs results in an adjustment of less than 0.01% to projected costs. This adjustment is made in column B5 of Exhibit M.

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 approximately \$940,000 across the NH LOC and Non-NH LOC populations. Approximately 0.6% of this decrease was allocated to the Non-NH LOC population, resulting in a decrease of 0.12% 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 costs for each MCO is set equal to 16.2% of the MCO's NH LOC administrative cost allowance, based on the ratio of the CY 2017 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 population is developed from a combination of fixed and variable cost components as determined by DHS and the MCOs.

We include an explicit 1.5% targeted margin to account for cost of capital and contribution to MCO reserves as underlying service costs increase over time. We believe that this margin is appropriate given the predictability of total expenses under the Family Care program and the portion of the capitation withhold expected to be 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 2019 exposure months. Exhibit P restates the components of the CY 2019 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.

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 in the Family Care program. For CY 2019, DHS will withhold 0.5% of each MCO's gross capitation rate for the MCO to earn back based 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 that 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 submit a plan for increasing competitive integrated employment (CIE) will earn back 0.25% withheld from the capitation. MCOs can earn an incentive payment equal to 0.20% of their capitation rate by meeting or exceeding CIE benchmarks.

Based on previous survey results, DHS and Milliman estimate that 0.4375% of the 0.5% withhold will be returned to MCOs under the pay for performance terms. These capitation rates are certified as being actuarially sound assuming that 0.4375% of the withhold is returned.

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. This value of this incentive will not exceed 5% of total capitation paid to an MCO.

Assisted Living Quality Incentive Payment

Subject to CMS approval, MCOs may receive incentive payments for each member residing in assisted living facilities that meet one of two quality measures determined by DHS. Total incentive payments will not exceed 0.1% of the total capitation received by any MCO.

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 are expected to be completed by December 31, 2020, include the processes outlined in this section.

Target Group Adjustment

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.

Ventilator Dependent Reconciliation

DHS will reconcile the LTC service component of capitation payments to the actual percentage of members dependent on ventilators enrolled in each MCO in the contract period relative to the percentage experienced in the base period data. The cost relativity between ventilator dependent members and other members will also be utilized to determine the magnitude of the reconciliation. The process to calculate the retroactive ventilator-dependent adjustment is as follows:

1. The contract period projected proportion of ventilator-dependent member months assumed in capitation rate development is summarized by target group.
2. The actual contract period proportion of ventilator-dependent member months and actual member months are calculated using monthly eligibility and long term care functional screens for the contract period provided by DHS.
3. The ventilator-dependent cost weights for each target group used in the contract period regression model are summarized.
4. The total payment or recoupment for each target group is calculated using the following formula:

Payment (Recoupment) = Actual Member Months × (Actual % Vent Dependent - Projected % Vent Dependent) × Vent Dependent Cost Weight.

Program Implementation in New Regions and Expansion Counties

In geographic regions that are new to Family Care or expansion counties in existing GSRs, the assumed acuity underlying the LTC services component of the NH LOC capitation rate will be reconciled to the actual contract period acuity of an MCO's membership, as measured by the LTC functional screen. The process to calculate the retroactive adjustment is as follows:

1. DHS provides eligibility and functional screen information by MCO. Detailed LTCFS information for each unique member enrolled is summarized by month and target group.
2. The target group and screen information is applied to the variables and cost weights that are part of the contract period regression models. This calculates the modeled PMPM for each month and target group necessary to calculate the payment or recoupment.
3. These modeled values are then adjusted by all applicable rate development factors that were included in the rate report to arrive at the contract period PMPM Retroactive Rate.
4. The final payment (recoupment) is calculated as the difference in the contract period PMPM Retroactive Rate and original capitation payment, multiplied by the actual membership.

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 2019 and who meet both of the following conditions:

- Have a nursing home stay greater than 100 consecutive days during 2019 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 §438.6(c) pre-print proposal for alternative payment arrangements in the Family Care program has been approved by CMS. This alternative payment arrangement is described below.

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.

The maximum fee schedule was built into rates in a manner consistent with the submitted §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. 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.

EXHIBITS A through H

Capitation Rate Development – Nursing Home Level of Care

Exhibit A
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Care WI (GSR 1 - Non-Expansion Counties)			Care WI (GSR 2)			Care WI (GSR 3)			Care WI (GSR 5 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	456	568	1,080	1,747	1,658	1,551	602	579	1,151	15,878	3,370	8,858
Category of Service												
Adaptive Equipment	\$26.80	\$116.84	\$36.75	\$30.44	\$90.06	\$53.30	\$30.49	\$211.77	\$43.64	\$50.61	\$143.31	\$45.77
Adult Day Activities	95.27	0.00	15.50	12.95	0.76	1.97	2.09	0.00	0.27	59.83	11.08	7.65
Case Management	422.63	521.93	387.35	279.96	329.06	325.67	295.67	329.25	333.89	311.95	467.90	381.30
Financial Management	23.93	21.34	13.34	30.72	32.77	18.92	12.13	21.95	12.59	25.31	29.54	11.60
Habilitation/Health	70.59	130.56	5.48	151.66	56.56	11.80	219.08	63.95	20.77	263.21	73.68	10.67
Home Care	128.06	371.49	144.36	428.51	489.83	341.09	91.33	389.59	186.45	502.91	860.41	257.68
Home Health Care	0.94	19.62	16.88	2.32	32.88	38.44	2.50	55.85	0.53	16.82	32.26	6.20
Institutional	589.13	735.89	546.14	78.05	160.58	640.21	112.81	268.34	541.82	94.46	219.49	305.60
Other	0.95	0.99	0.49	1.38	0.64	2.50	0.05	2.61	0.39	3.16	2.57	0.81
Residential Care	1,247.08	169.65	964.15	1,049.75	326.26	639.52	1,279.10	673.88	845.63	2,128.09	523.12	1,343.67
Respite Care	187.75	10.65	0.63	15.24	0.35	8.48	16.55	10.02	10.78	17.90	19.13	12.45
Transportation	128.49	122.67	58.27	140.17	131.12	67.55	79.37	182.96	41.74	126.27	178.36	64.21
Vocational	40.16	5.70	0.00	116.53	4.91	0.00	145.72	0.00	0.00	252.65	12.55	0.00
Total Services, Gross of Pooled Claims	\$2,961.77	\$2,227.32	\$2,189.34	\$2,339.70	\$1,655.68	\$2,149.47	\$2,286.89	\$2,210.16	\$2,038.50	\$3,853.18	\$2,573.41	\$2,447.63
Composite PMPM, Gross of Pooled Claims		\$2,366.93			\$2,051.36			\$2,145.19			\$3,256.75	
Total Pooled Claims (\$) ¹	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$87.70	\$51.25	\$0.00
Total Pooled Claims (%) ¹	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.3%	2.0%	0.0%
Total Services, Net of Pooled Claims	\$2,961.77	\$2,227.32	\$2,189.34	\$2,339.70	\$1,655.68	\$2,149.47	\$2,286.89	\$2,210.16	\$2,038.50	\$3,765.48	\$2,522.16	\$2,447.63
Composite PMPM, Net of Pooled Claims		\$2,366.93			\$2,051.36			\$2,145.19			\$3,201.06	

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Care WI (GSR 6)			Care WI (GSR 5-6)			CCI (GSR 6)			CCI (GSR 5-6)		
	DD	PD	FE									
Exposure Months	1,113	719	2,113	9,314	1,507	7,926	11,894	2,445	7,521	7,669	1,705	5,875
Category of Service												
Adaptive Equipment	\$31.73	\$224.61	\$53.58	\$39.80	\$175.27	\$44.60	\$39.19	\$125.53	\$43.01	\$40.42	\$73.06	\$36.05
Adult Day Activities	0.00	10.70	6.36	15.93	0.96	4.75	12.02	0.00	3.82	49.32	11.71	13.20
Case Management	351.22	426.71	336.14	279.17	413.04	330.24	269.92	397.74	333.48	301.90	398.44	309.25
Financial Management	19.54	30.38	7.60	35.90	26.38	8.02	20.37	28.49	7.80	24.75	27.62	10.37
Habilitation/Health	311.99	70.49	6.87	388.91	57.42	5.09	427.43	47.12	5.68	275.14	34.20	6.13
Home Care	732.42	1,165.09	231.94	937.17	1,483.08	236.44	450.51	744.98	204.40	506.72	787.67	262.13
Home Health Care	4.15	24.41	2.41	12.30	5.48	2.00	24.92	211.07	0.68	7.11	158.31	1.79
Institutional	94.45	284.79	492.11	206.71	475.47	694.37	87.17	418.99	279.94	129.74	315.75	571.94
Other	0.75	0.00	0.19	0.43	1.21	0.08	0.42	3.50	0.42	0.61	1.12	1.01
Residential Care	2,486.35	390.36	1,318.67	2,025.98	759.19	1,332.56	2,187.36	722.59	1,637.68	1,884.21	844.69	1,572.68
Respite Care	6.67	3.51	8.01	10.48	0.00	0.60	12.35	13.97	5.62	17.24	2.99	19.61
Transportation	116.24	165.00	28.54	133.44	119.09	30.03	116.72	66.40	16.09	143.65	71.31	20.00
Vocational	123.31	5.59	0.00	167.57	2.75	1.30	135.11	7.95	0.52	145.37	0.00	0.00
Total Services, Gross of Pooled Claims	\$4,280.84	\$2,791.65	\$2,492.41	\$4,253.78	\$3,519.33	\$2,690.09	\$3,783.48	\$2,788.34	\$2,539.12	\$3,526.18	\$2,726.87	\$2,824.16
Composite PMPM, Gross of Pooled Claims	\$3,051.54			\$3,533.65			\$3,244.04			\$3,166.32		
Total Pooled Claims (\$) ¹	\$522.85	\$97.79	\$0.00	\$111.61	\$173.77	\$2.95	\$24.96	\$23.76	\$0.00	\$41.49	\$52.24	\$1.49
Total Pooled Claims (%) ¹	13.9%	3.6%	0.0%	2.7%	5.2%	0.1%	0.7%	0.9%	0.0%	1.2%	2.0%	0.1%
Total Services, Net of Pooled Claims	\$3,757.99	\$2,693.86	\$2,492.41	\$4,142.17	\$3,345.55	\$2,687.13	\$3,758.52	\$2,764.58	\$2,539.12	\$3,484.69	\$2,674.63	\$2,822.68
Composite PMPM, Net of Pooled Claims	\$2,886.20			\$3,462.98			\$3,227.80			\$3,139.04		

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	CCI (GSR 8)			CCI (GSR 9)			CCI (GSR 10)			CCI (GSR 11)		
	DD	PD	FE									
Exposure Months	13,130	10,299	7,991	953	861	1,491	9,991	1,803	6,495	14,317	5,125	8,727
Category of Service												
Adaptive Equipment	\$49.10	\$100.34	\$49.29	\$24.28	\$42.38	\$36.74	\$33.70	\$77.67	\$37.23	\$38.15	\$89.13	\$44.68
Adult Day Activities	94.76	19.97	45.27	13.93	0.00	2.99	13.45	0.19	1.59	52.00	0.00	4.88
Case Management	280.37	349.15	325.53	391.13	415.59	348.81	254.17	358.54	285.95	256.11	326.56	280.02
Financial Management	28.35	31.59	19.93	12.50	25.06	9.38	12.12	27.84	7.72	24.63	26.47	13.93
Habilitation/Health	297.60	34.97	10.61	83.63	40.70	2.87	147.69	24.48	3.60	214.87	61.01	10.52
Home Care	802.70	1,012.26	815.60	488.96	368.90	195.31	871.26	661.53	179.69	452.44	533.34	302.85
Home Health Care	21.51	43.26	15.56	2.07	2.49	1.38	0.90	17.77	5.25	39.40	142.01	3.82
Institutional	150.86	196.55	501.87	196.42	268.02	258.53	123.55	338.52	411.89	122.63	396.01	378.04
Other	1.02	2.52	1.81	0.31	1.69	1.31	0.40	0.25	0.73	0.05	0.40	0.00
Residential Care	1,900.99	536.30	918.03	1,899.62	497.11	1,484.28	1,970.01	667.70	1,453.73	2,260.42	778.59	1,499.34
Respite Care	19.88	15.19	23.28	8.72	24.98	6.89	21.43	19.57	6.04	31.37	11.13	8.59
Transportation	153.41	110.21	58.36	49.10	69.10	14.68	76.66	54.05	16.64	103.31	87.37	21.37
Vocational	58.18	3.78	0.00	47.32	0.00	0.00	180.41	8.23	0.00	183.13	12.82	0.95
Total Services, Gross of Pooled Claims	\$3,856.73	\$2,456.07	\$2,785.14	\$3,217.99	\$1,756.02	\$2,363.17	\$3,705.76	\$2,256.35	\$2,410.05	\$3,778.51	\$2,464.84	\$2,569.00
Composite PMPM, Gross of Pooled Claims	\$3,125.08			\$2,451.51			\$3,102.72			\$3,164.78		
Total Pooled Claims (\$) ¹	\$76.02	\$0.00	\$0.00	\$249.33	\$0.00	\$0.00	\$14.77	\$0.00	\$0.00	\$21.95	\$23.67	\$0.00
Total Pooled Claims (%) ¹	2.0%	0.0%	0.0%	8.4%	0.0%	0.0%	0.4%	0.0%	0.0%	0.6%	1.0%	0.0%
Total Services, Net of Pooled Claims	\$3,780.70	\$2,456.07	\$2,785.14	\$2,968.66	\$1,756.02	\$2,363.17	\$3,690.99	\$2,256.35	\$2,410.05	\$3,756.56	\$2,441.16	\$2,569.00
Composite PMPM, Net of Pooled Claims	\$3,093.31			\$2,379.62			\$3,094.65			\$3,149.32		

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Inclusa (GSR 1 - Non-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	14,202	4,019	10,906	19,968	7,805	16,778	11,954	4,227	8,283	20,553	5,901	14,895
Category of Service												
Adaptive Equipment	\$56.23	\$120.97	\$62.11	\$55.36	\$122.70	\$56.40	\$50.91	\$138.22	\$57.35	\$67.47	\$149.80	\$82.14
Adult Day Activities	8.11	3.39	4.26	54.58	5.04	10.51	0.50	0.00	0.26	16.01	8.96	10.82
Case Management	396.72	569.50	452.27	374.75	439.08	383.13	389.88	549.94	454.29	412.10	524.19	437.99
Financial Management	13.46	23.41	7.58	15.88	13.91	7.21	11.25	22.53	11.25	32.73	37.80	17.08
Habilitation/Health	166.29	51.68	10.38	114.95	70.11	18.15	244.36	85.53	26.75	268.36	38.26	6.81
Home Care	198.40	493.24	177.14	244.03	399.08	216.26	292.43	630.85	335.09	759.41	888.71	428.48
Home Health Care	9.36	53.20	14.36	14.77	58.67	16.97	8.39	40.33	14.68	31.86	62.16	28.45
Institutional	182.06	422.66	582.60	247.77	233.77	806.32	225.98	271.12	947.77	90.84	208.45	277.31
Other	0.00	0.00	0.00	0.20	0.62	0.18	0.00	0.00	0.00	5.67	0.49	0.00
Residential Care	2,609.73	706.95	1,353.20	1,975.94	492.57	945.86	1,728.62	494.02	893.58	1,539.84	540.85	1,087.87
Respite Care	19.89	4.74	6.15	24.08	0.20	1.99	21.24	7.29	2.64	28.54	3.87	2.70
Transportation	78.70	82.95	26.57	127.25	100.88	44.19	38.25	111.36	61.03	92.27	115.02	33.34
Vocational	211.66	13.31	2.33	140.06	4.04	0.82	272.16	26.61	0.34	184.85	12.93	0.43
Total Services, Gross of Pooled Claims	\$3,950.61	\$2,546.01	\$2,698.95	\$3,389.61	\$1,940.68	\$2,507.99	\$3,283.98	\$2,377.82	\$2,805.04	\$3,529.94	\$2,591.47	\$2,413.42
Composite PMPM, Gross of Pooled Claims	\$3,288.14			\$2,803.74			\$2,965.23			\$2,993.81		
Total Pooled Claims (\$) ¹	\$34.04	\$0.00	\$0.00	\$13.98	\$0.10	\$0.00	\$9.07	\$0.00	\$0.00	\$46.96	\$87.20	\$0.00
Total Pooled Claims (%) ¹	0.9%	0.0%	0.0%	0.4%	0.0%	0.0%	0.3%	0.0%	0.0%	1.3%	3.5%	0.0%
Total Services, Net of Pooled Claims	\$3,916.57	\$2,546.01	\$2,698.95	\$3,375.64	\$1,940.58	\$2,507.99	\$3,274.91	\$2,377.82	\$2,805.04	\$3,482.98	\$2,504.27	\$2,413.42
Composite PMPM, Net of Pooled Claims	\$3,271.55			\$2,797.46			\$2,960.80			\$2,958.02		

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	Inclusa (GSR 5 - Non-Expansion Counties)			Inclusa (GSR 5-6)			Inclusa (GSR 7)			LCI (GSR 4 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	300	291	613	85	78	96	12,909	3,614	10,498	44	44	81
Category of Service												
Adaptive Equipment	\$46.92	\$61.49	\$46.60	\$0.86	\$35.63	\$17.67	\$44.34	\$125.44	\$75.97	\$38.35	\$240.94	\$38.27
Adult Day Activities	0.00	0.00	0.00	0.00	31.76	0.00	8.18	4.36	4.64	0.00	0.00	0.00
Case Management	510.28	490.66	345.92	289.94	387.92	347.81	388.19	560.61	447.11	397.53	539.03	393.22
Financial Management	16.73	11.73	4.85	25.00	5.54	0.00	21.51	32.09	18.25	18.61	28.70	33.22
Habilitation/Health	55.02	30.72	15.82	252.07	115.43	3.53	183.02	116.39	22.40	304.36	13.86	19.09
Home Care	299.71	233.72	208.79	238.87	92.41	52.96	348.44	617.29	350.76	1,145.78	529.84	417.15
Home Health Care	14.55	18.17	1.99	0.00	0.00	0.00	31.58	30.63	16.42	0.00	1.93	0.00
Institutional	27.70	7.74	245.85	176.94	0.00	234.23	208.52	380.96	591.86	338.59	594.50	671.53
Other	0.00	0.00	0.00	0.00	0.00	0.00	4.76	0.21	0.02	6.86	0.00	48.32
Residential Care	3,596.50	601.20	1,514.93	1,060.68	577.42	1,300.13	1,959.01	507.02	875.95	284.62	79.54	681.33
Respite Care	5.05	0.00	0.00	0.00	0.00	0.00	14.41	20.59	4.53	0.00	0.00	0.00
Transportation	76.58	300.61	61.71	47.64	366.34	5.78	90.32	142.09	42.74	88.53	130.60	22.82
Vocational	214.66	0.00	0.00	0.00	0.00	0.00	242.07	9.39	1.66	68.96	0.00	0.00
Total Services, Gross of Pooled Claims	\$4,863.71	\$1,756.03	\$2,446.44	\$2,091.99	\$1,612.45	\$1,962.11	\$3,544.35	\$2,547.10	\$2,452.31	\$2,692.18	\$2,158.95	\$2,324.94
Composite PMPM, Gross of Pooled Claims	\$2,881.11			\$1,899.02			\$2,986.68			\$2,377.33		
Total Pooled Claims (\$) ¹	\$76.48	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$41.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Pooled Claims (%) ¹	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$4,787.23	\$1,756.03	\$2,446.44	\$2,091.99	\$1,612.45	\$1,962.11	\$3,503.20	\$2,547.10	\$2,452.31	\$2,692.18	\$2,158.95	\$2,324.94
Composite PMPM, Net of Pooled Claims	\$2,862.08			\$1,899.02			\$2,967.03			\$2,377.33		

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	LCI (GSR 9)			LCI (GSR 10)			MCFCI (GSR 6)			MCFCI (GSR 5-6)		
	DD	PD	FE									
Exposure Months	15,561	4,174	9,866	866	465	1,568	170	91	137	361	287	787
Category of Service												
Adaptive Equipment	\$44.27	\$118.30	\$52.56	\$38.22	\$89.32	\$55.41	\$55.62	\$91.72	\$34.02	\$11.09	\$71.13	\$37.60
Adult Day Activities	24.63	8.92	3.37	9.22	0.00	0.00	0.00	0.00	0.00	3.65	0.00	2.48
Case Management	378.16	457.34	365.04	533.89	487.43	407.85	306.34	322.44	365.41	349.15	382.43	346.89
Financial Management	19.24	22.89	7.66	14.97	29.33	4.46	16.69	20.51	2.25	16.55	7.46	4.76
Habilitation/Health	222.30	40.46	15.39	293.47	23.87	8.29	314.22	103.89	111.56	255.55	130.02	30.03
Home Care	458.87	491.93	188.35	415.19	945.67	151.07	322.13	383.68	220.47	253.15	401.78	249.63
Home Health Care	9.24	55.81	18.92	50.30	25.14	17.35	0.00	134.12	0.00	0.00	6.09	5.51
Institutional	117.11	342.36	624.12	307.73	206.97	292.47	135.92	1,288.81	275.42	892.21	828.02	1,493.18
Other	33.21	13.62	12.56	12.88	0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00
Residential Care	2,004.74	402.05	1,253.11	2,197.49	472.39	1,738.36	3,938.21	597.36	591.38	1,086.96	359.18	693.17
Respite Care	20.57	1.35	1.30	18.86	0.00	0.00	11.39	0.00	5.74	2.65	12.32	0.00
Transportation	98.19	78.81	23.39	47.07	205.22	21.60	164.68	60.31	37.21	104.22	72.93	17.37
Vocational	259.65	3.81	1.51	90.04	0.00	0.00	69.98	0.00	2.56	91.14	0.00	0.00
Total Services, Gross of Pooled Claims	\$3,690.17	\$2,037.65	\$2,567.28	\$4,029.31	\$2,485.34	\$2,696.86	\$5,335.17	\$3,002.84	\$1,651.55	\$3,066.33	\$2,271.36	\$2,880.61
Composite PMPM, Gross of Pooled Claims	\$3,082.90			\$3,061.06			\$3,537.69			\$2,805.25		
Total Pooled Claims (\$) ¹	\$38.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$214.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Pooled Claims (%) ¹	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Services, Net of Pooled Claims	\$3,651.51	\$2,037.65	\$2,567.28	\$4,029.31	\$2,485.34	\$2,696.86	\$5,121.04	\$3,002.84	\$1,651.55	\$3,066.33	\$2,271.36	\$2,880.61
Composite PMPM, Net of Pooled Claims	\$3,062.58			\$3,061.06			\$3,446.03			\$2,805.25		

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 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR
Nursing Home Level of Care

	MCFCI (GSR 8)			MCFCI (GSR 11)			Grand Total - Base Data		
	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	27,937	14,660	48,153	1,102	1,043	862	213,075	77,339	184,305
Category of Service									
Adaptive Equipment	\$40.87	\$75.49	\$41.73	\$38.66	\$60.52	\$39.70	\$47.06	\$109.59	\$51.53
Adult Day Activities	91.85	14.94	36.15	24.87	0.00	1.16	39.68	8.46	15.60
Case Management	304.04	354.35	304.22	211.81	260.01	229.90	334.60	421.03	356.97
Financial Management	26.13	8.01	8.93	17.50	5.20	5.87	22.49	22.86	10.72
Habilitation/Health	397.58	88.90	30.38	187.10	45.22	38.99	258.08	63.03	17.19
Home Care	562.48	684.72	505.25	242.05	531.54	331.68	511.10	693.32	351.30
Home Health Care	22.80	59.19	34.08	2.42	6.63	3.75	18.88	60.57	18.37
Institutional	288.29	375.36	684.59	142.58	290.93	527.23	172.10	309.68	579.73
Other	0.40	2.22	1.21	0.04	0.35	0.00	3.79	1.97	1.27
Residential Care	1,641.33	356.11	671.42	2,254.31	686.00	1,318.72	1,950.87	524.71	1,061.35
Respite Care	5.77	1.56	2.50	3.62	0.00	3.58	18.86	7.37	5.28
Transportation	122.20	89.39	52.87	52.62	58.31	77.44	107.19	104.00	40.82
Vocational	95.28	0.69	0.35	95.74	0.00	8.39	173.33	6.91	0.69
Total Services, Gross of Pooled Claims	\$3,599.01	\$2,110.94	\$2,373.68	\$3,273.30	\$1,944.72	\$2,586.40	\$3,658.03	\$2,333.50	\$2,510.83
Composite PMPM, Gross of Pooled Claims	\$2,708.45			\$2,615.69			\$2,996.85		
Total Pooled Claims (\$) ¹	\$11.92	\$0.00	\$0.92	\$0.00	\$0.00	\$0.00	\$40.77	\$16.66	\$0.42
Total Pooled Claims (%) ¹	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.7%	0.0%
Total Services, Net of Pooled Claims	\$3,587.08	\$2,110.94	\$2,372.76	\$3,273.30	\$1,944.72	\$2,586.40	\$3,617.25	\$2,316.84	\$2,510.42
Composite PMPM, Net of Pooled Claims	\$2,704.29			\$2,615.69			\$2,975.68		

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 2019 Family Care Capitation Rate Development
2017 Base Data Development
Nursing Home Level of Care

DD Development	2017 Base Experience			2017 DD Net Base Costs PMPM	IBNR Adjustment	2017 DD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	456	\$2,961.77	\$0.00	\$2,961.77	1.0042	\$2,974.20
Care WI (GSR 2)	1,747	2,339.70	0.00	2,339.70	1.0042	2,349.52
Care WI (GSR 3)	602	2,286.89	0.00	2,286.89	1.0042	2,296.49
Care WI (GSR 5 - Non-Expansion Counties)	15,878	3,853.18	(87.70)	3,765.48	1.0042	3,781.29
Care WI (GSR 6)	1,113	4,280.84	(522.85)	3,757.99	1.0042	3,773.76
Care WI (GSR 5-6)	9,314	4,253.78	(111.61)	4,142.17	1.0042	4,159.56
CCI (GSR 6)	11,894	3,783.48	(24.96)	3,758.52	1.0025	3,768.06
CCI (GSR 5-6)	7,669	3,526.18	(41.49)	3,484.69	1.0025	3,493.54
CCI (GSR 8)	13,130	3,856.73	(76.02)	3,780.70	1.0025	3,790.30
CCI (GSR 9)	953	3,217.99	(249.33)	2,968.66	1.0025	2,976.20
CCI (GSR 10)	9,991	3,705.76	(14.77)	3,690.99	1.0025	3,700.36
CCI (GSR 11)	14,317	3,778.51	(21.95)	3,756.56	1.0025	3,766.10
Inclusa (GSR 1 - Non-Expansion Counties)	14,202	3,950.61	(34.04)	3,916.57	1.0049	3,935.68
Inclusa (GSR 2)	19,968	3,389.61	(13.98)	3,375.64	1.0049	3,392.11
Inclusa (GSR 3)	11,954	3,283.98	(9.07)	3,274.91	1.0049	3,290.89
Inclusa (GSR 4 - Non-Expansion Counties)	20,553	3,529.94	(46.96)	3,482.98	1.0049	3,499.98
Inclusa (GSR 5 - Non-Expansion Counties)	300	4,863.71	(76.48)	4,787.23	1.0049	4,810.58
Inclusa (GSR 5-6)	85	2,091.99	0.00	2,091.99	1.0049	2,102.20
Inclusa (GSR 7)	12,909	3,544.35	(41.14)	3,503.20	1.0049	3,520.30
LCI (GSR 4 - Non-Expansion Counties)	44	2,692.18	0.00	2,692.18	1.0024	2,698.60
LCI (GSR 9)	15,561	3,690.17	(38.65)	3,651.51	1.0024	3,660.21
LCI (GSR 10)	866	4,029.31	0.00	4,029.31	1.0024	4,038.91
MCFCI (GSR 6)	170	5,335.17	(214.14)	5,121.04	1.0056	5,149.72
MCFCI (GSR 5-6)	361	3,066.33	0.00	3,066.33	1.0056	3,083.51
MCFCI (GSR 8)	27,937	3,599.01	(11.92)	3,587.08	1.0056	3,607.18
MCFCI (GSR 11)	1,102	3,273.30	0.00	3,273.30	1.0056	3,291.64
Total DD Base Experience Data	213,075	\$3,658.03	(\$40.77)	\$3,617.25	1.0040	\$3,631.85

Exhibit B
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Data Development
Nursing Home Level of Care

PD Development	2017 Base Experience			2017 PD Net Base Costs PMPM	IBNR Adjustment	2017 PD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	568	\$2,227.32	\$0.00	\$2,227.32	1.0042	\$2,236.67
Care WI (GSR 2)	1,658	1,655.68	0.00	1,655.68	1.0042	1,662.62
Care WI (GSR 3)	579	2,210.16	0.00	2,210.16	1.0042	2,219.44
Care WI (GSR 5 - Non-Expansion Counties)	3,370	2,573.41	(51.25)	2,522.16	1.0042	2,532.75
Care WI (GSR 6)	719	2,791.65	(97.79)	2,693.86	1.0042	2,705.16
Care WI (GSR 5-6)	1,507	3,519.33	(173.77)	3,345.55	1.0042	3,359.60
CCI (GSR 6)	2,445	2,788.34	(23.76)	2,764.58	1.0025	2,771.60
CCI (GSR 5-6)	1,705	2,726.87	(52.24)	2,674.63	1.0025	2,681.42
CCI (GSR 8)	10,299	2,456.07	0.00	2,456.07	1.0025	2,462.31
CCI (GSR 9)	861	1,756.02	0.00	1,756.02	1.0025	1,760.48
CCI (GSR 10)	1,803	2,256.35	0.00	2,256.35	1.0025	2,262.08
CCI (GSR 11)	5,125	2,464.84	(23.67)	2,441.16	1.0025	2,447.36
Inclusa (GSR 1 - Non-Expansion Counties)	4,019	2,546.01	0.00	2,546.01	1.0049	2,558.43
Inclusa (GSR 2)	7,805	1,940.68	(0.10)	1,940.58	1.0049	1,950.05
Inclusa (GSR 3)	4,227	2,377.82	0.00	2,377.82	1.0049	2,389.42
Inclusa (GSR 4 - Non-Expansion Counties)	5,901	2,591.47	(87.20)	2,504.27	1.0049	2,516.49
Inclusa (GSR 5 - Non-Expansion Counties)	291	1,756.03	0.00	1,756.03	1.0049	1,764.60
Inclusa (GSR 5-6)	78	1,612.45	0.00	1,612.45	1.0049	1,620.32
Inclusa (GSR 7)	3,614	2,547.10	0.00	2,547.10	1.0049	2,559.52
LCI (GSR 4 - Non-Expansion Counties)	44	2,158.95	0.00	2,158.95	1.0024	2,164.09
LCI (GSR 9)	4,174	2,037.65	0.00	2,037.65	1.0024	2,042.51
LCI (GSR 10)	465	2,485.34	0.00	2,485.34	1.0024	2,491.26
MCFCI (GSR 6)	91	3,002.84	0.00	3,002.84	1.0056	3,019.66
MCFCI (GSR 5-6)	287	2,271.36	0.00	2,271.36	1.0056	2,284.08
MCFCI (GSR 8)	14,660	2,110.94	0.00	2,110.94	1.0056	2,122.76
MCFCI (GSR 11)	1,043	1,944.72	0.00	1,944.72	1.0056	1,955.61
Total PD Base Experience Data	77,339	\$2,333.50	(\$16.66)	\$2,316.84	1.0041	\$2,326.31

Exhibit B
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Data Development
Nursing Home Level of Care

FE Development	2017 Base Experience			2017 FE Net Base Costs PMPM	IBNR Adjustment	2017 FE Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	1,080	\$2,189.34	\$0.00	\$2,189.34	1.0042	\$2,198.53
Care WI (GSR 2)	1,551	2,149.47	0.00	2,149.47	1.0042	2,158.49
Care WI (GSR 3)	1,151	2,038.50	0.00	2,038.50	1.0042	2,047.05
Care WI (GSR 5 - Non-Expansion Counties)	8,858	2,447.63	0.00	2,447.63	1.0042	2,457.90
Care WI (GSR 6)	2,113	2,492.41	0.00	2,492.41	1.0042	2,502.87
Care WI (GSR 5-6)	7,926	2,690.09	(2.95)	2,687.13	1.0042	2,698.41
CCI (GSR 6)	7,521	2,539.12	0.00	2,539.12	1.0025	2,545.57
CCI (GSR 5-6)	5,875	2,824.16	(1.48)	2,822.68	1.0025	2,829.85
CCI (GSR 8)	7,991	2,785.14	0.00	2,785.14	1.0025	2,792.21
CCI (GSR 9)	1,491	2,363.17	0.00	2,363.17	1.0025	2,369.17
CCI (GSR 10)	6,495	2,410.05	0.00	2,410.05	1.0025	2,416.17
CCI (GSR 11)	8,727	2,569.00	0.00	2,569.00	1.0025	2,575.53
Inclusa (GSR 1 - Non-Expansion Counties)	10,906	2,698.95	0.00	2,698.95	1.0049	2,712.12
Inclusa (GSR 2)	16,778	2,507.99	0.00	2,507.99	1.0049	2,520.23
Inclusa (GSR 3)	8,283	2,805.04	0.00	2,805.04	1.0049	2,818.72
Inclusa (GSR 4 - Non-Expansion Counties)	14,895	2,413.42	0.00	2,413.42	1.0049	2,425.19
Inclusa (GSR 5 - Non-Expansion Counties)	613	2,446.44	0.00	2,446.44	1.0049	2,458.38
Inclusa (GSR 5-6)	96	1,962.11	0.00	1,962.11	1.0049	1,971.68
Inclusa (GSR 7)	10,498	2,452.31	0.00	2,452.31	1.0049	2,464.27
LCI (GSR 4 - Non-Expansion Counties)	81	2,324.94	0.00	2,324.94	1.0024	2,330.48
LCI (GSR 9)	9,866	2,567.28	0.00	2,567.28	1.0024	2,573.40
LCI (GSR 10)	1,568	2,696.86	0.00	2,696.86	1.0024	2,703.29
MCFCI (GSR 6)	137	1,651.55	0.00	1,651.55	1.0056	1,660.80
MCFCI (GSR 5-6)	787	2,880.61	0.00	2,880.61	1.0056	2,896.75
MCFCI (GSR 8)	48,153	2,373.68	(0.92)	2,372.76	1.0056	2,386.05
MCFCI (GSR 11)	862	2,586.40	0.00	2,586.40	1.0056	2,600.88
Total FE Base Experience Data	184,305	\$2,510.83	(\$0.42)	\$2,510.42	1.0043	\$2,521.26

Exhibit B
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Data Development
Nursing Home Level of Care

Composite	2017 Base Experience			2017 Base Experience Composite Net Base Costs PMPM	IBNR Adjustment	2017 Composite Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM	Pooled Claims PMPM			
Care WI (GSR 1 - Non-Expansion Counties)	2,104	\$2,366.93	\$0.00	\$2,366.93	1.0042	\$2,376.86
Care WI (GSR 2)	4,956	2,051.36	0.00	2,051.36	1.0042	2,059.97
Care WI (GSR 3)	2,332	2,145.19	0.00	2,145.19	1.0042	2,154.19
Care WI (GSR 5 - Non-Expansion Counties)	28,106	3,256.75	(55.69)	3,201.06	1.0042	3,214.50
Care WI (GSR 6)	3,946	3,051.54	(165.34)	2,886.20	1.0042	2,898.31
Care WI (GSR 5-6)	18,747	3,533.65	(70.67)	3,462.98	1.0042	3,477.51
CCI (GSR 6)	21,861	3,244.04	(16.24)	3,227.80	1.0025	3,236.00
CCI (GSR 5-6)	15,249	3,166.32	(27.28)	3,139.04	1.0025	3,147.01
CCI (GSR 8)	31,420	3,125.08	(31.77)	3,093.31	1.0025	3,101.17
CCI (GSR 9)	3,304	2,451.51	(71.89)	2,379.62	1.0025	2,385.66
CCI (GSR 10)	18,289	3,102.72	(8.07)	3,094.65	1.0025	3,102.51
CCI (GSR 11)	28,169	3,164.78	(15.46)	3,149.32	1.0025	3,157.32
Inclusa (GSR 1 - Non-Expansion Counties)	29,126	3,288.14	(16.60)	3,271.55	1.0049	3,287.51
Inclusa (GSR 2)	44,552	2,803.74	(6.28)	2,797.46	1.0049	2,811.11
Inclusa (GSR 3)	24,464	2,965.23	(4.43)	2,960.80	1.0049	2,975.25
Inclusa (GSR 4 - Non-Expansion Counties)	41,349	2,993.81	(35.79)	2,958.02	1.0049	2,972.45
Inclusa (GSR 5 - Non-Expansion Counties)	1,205	2,881.11	(19.04)	2,862.08	1.0049	2,876.04
Inclusa (GSR 5-6)	258	1,899.02	0.00	1,899.02	1.0049	1,908.29
Inclusa (GSR 7)	27,022	2,986.68	(19.65)	2,967.03	1.0049	2,981.50
LCI (GSR 4 - Non-Expansion Counties)	170	2,377.33	0.00	2,377.33	1.0024	2,383.00
LCI (GSR 9)	29,601	3,082.90	(20.32)	3,062.58	1.0024	3,069.87
LCI (GSR 10)	2,899	3,061.06	0.00	3,061.06	1.0024	3,068.35
MCFCI (GSR 6)	398	3,537.69	(91.65)	3,446.03	1.0056	3,465.34
MCFCI (GSR 5-6)	1,435	2,805.25	0.00	2,805.25	1.0056	2,820.96
MCFCI (GSR 8)	90,751	2,708.45	(4.16)	2,704.29	1.0056	2,719.43
MCFCI (GSR 11)	3,007	2,615.69	0.00	2,615.69	1.0056	2,630.34
Total Base Experience Data	474,718	\$2,996.85	(\$21.18)	\$2,975.68	1.0041	\$2,987.98

Exhibit C1
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Functional Screen Regression Model of 2016-2017 PMPM
Developmentally Disabled

R-Squared 52.3%

Variable	Statewide Estimate	p-Value	Incremental Partial R ²	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	171.73			100.0%	171.73
DD/NH Level of Care (Grid Component)					
Vent Dependent	4,999.97	0.0000	0.11%	0.1%	3.07
Dual Enrollee	198.72	0.0000	0.07%	73.7%	146.41
DD1A	385.87	0.0000	0.04%	2.6%	10.04
High Cost (4 Parameters)	857.97	0.0000	0.09%	1.6%	13.64
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	0.9%	0.00
IADL_2	110.62	0.0009	0.00%	4.8%	5.34
IADL_3	225.91	0.0000	0.01%	11.2%	25.24
IADL_4	536.18	0.0000	0.10%	18.5%	99.19
IADL_5	943.48	0.0000	0.29%	31.8%	300.15
IADL_6	1,182.12	0.0000	0.13%	32.8%	387.23
Specific ADLs / Equipment Used (Add-On)					
Eating_2	238.27	0.0000	0.09%	21.5%	51.18
Transfer_2	659.77	0.0000	0.34%	16.3%	107.30
Interaction Terms (Add-On)					
Other Federal DD_Anxiety	208.90	0.0000	0.01%	2.9%	6.02
Bath_Eat	170.12	0.0000	0.16%	28.2%	48.04
Behaviors_Autism	626.93	0.0000	0.12%	4.2%	26.43
Injury_Overnight	879.55	0.0000	0.33%	3.9%	34.47
Injury_Overnight_Age Under 30	1,808.23	0.0000	0.68%	1.1%	19.37
Intellectual Disability_Bipolar	389.58	0.0000	0.06%	5.6%	21.96
Intellectual Disability_Other Mental Illness	393.97	0.0000	0.16%	15.6%	61.62
Overnight_Age Under 30	253.34	0.0000	0.12%	4.9%	12.32
Overnight_Alzheimers_Dementia_Decision Making	167.32	0.0000	0.11%	64.0%	107.15
Overnight_Mental Illness	549.91	0.0000	0.35%	11.9%	65.51
Overnight_Mental Illness_Age Under 30	1,743.45	0.0000	1.53%	2.1%	35.98
Trauma BI Post-22_Other Mental Illness	403.21	0.0000	0.02%	2.2%	8.69
Dress_Bath	422.09	0.0000	0.94%	44.4%	187.41
Transfer_Equip_Mobility	531.58	0.0000	0.22%	5.6%	29.81
Behavioral Variables (Add-On)					
Cognition_3	405.81	0.0000	1.63%	25.8%	104.68
Injury_1	323.45	0.0000	0.06%	5.1%	16.64
Injury_2	389.88	0.0000	0.09%	5.3%	20.82
Offensive_1	467.23	0.0000	0.35%	8.7%	40.69
Offensive_2	874.32	0.0000	1.00%	10.2%	89.36
Offensive_3	2,112.74	0.0000	4.91%	9.5%	201.41
Wander_2	1,387.52	0.0000	3.22%	4.0%	55.12
Mental Health_2	208.76	0.0000	0.87%	61.0%	127.30
Resistive_1	366.02	0.0000	5.66%	8.3%	30.35
Medication Use (Add-On)					
Meds_2B	486.04	0.0000	6.44%	72.3%	351.37
Health Related Services (Add-On)					
Exercise	375.05	0.0000	1.02%	10.7%	40.10
Respirate	277.98	0.0000	0.20%	5.7%	15.88
Ostomy	812.14	0.0000	0.08%	0.7%	5.33
Overnight	374.14	0.0000	9.61%	82.6%	309.08
Urinary	653.52	0.0000	0.10%	0.9%	6.02
Tracheostomy	3,156.25	0.0000	0.67%	0.3%	8.04
Reposition	482.93	0.0000	6.12%	7.0%	34.01
Diagnoses (Add-On)					
Intellectual Disability	190.68	0.0000	1.08%	63.7%	121.40
Incidents					
Incidents_0	0.00	0.0000	0.00%	94.1%	0.00
Incidents_1	749.16	0.0000	0.65%	3.6%	26.89
Incidents_2	1,556.92	0.0000	0.69%	1.1%	16.86
Incidents_3+	2,105.15	0.0000	1.82%	1.2%	25.25

Exhibit C2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Functional Screen Regression Model of 2016-2017 PMPM
Physically Disabled

R-Squared 49.7%

Variable	Statewide Estimate	p-Value	Incremental Partial R ²	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	651.53			100.0%	651.53
DD/NH Level of Care (Grid Component)					
SNF	503.14	0.0000	0.49%	22.9%	115.07
Vent Dependent	7,306.54	0.0000	1.45%	0.5%	34.06
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	15.5%	0.00
IADL_2	158.36	0.0000	0.05%	21.7%	34.32
IADL_3	293.78	0.0000	0.11%	20.0%	58.64
IADL_4	474.98	0.0000	0.22%	17.4%	82.75
IADL_5	693.30	0.0000	0.31%	18.1%	125.74
IADL_6	840.69	0.0000	0.07%	7.3%	61.35
Specific ADLs / Equipment Used (Add-On)					
Bathing_2	308.92	0.0000	0.45%	32.6%	100.65
Transfer_2	807.11	0.0000	1.86%	19.0%	152.96
Interaction Terms (Add-On)					
Injury_Overnight_Mental Illness	1,997.08	0.0000	0.16%	0.2%	4.32
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.0000	0.03%	0.4%	2.64
Overnight_Alzheimers_Dementia_Decision Making	336.28	0.0000	0.23%	15.5%	52.05
Overnight_Mental Illness	447.41	0.0000	0.55%	7.5%	33.64
Spinal Injury_Alcohol/Drug Abuse	675.55	0.0000	0.04%	0.7%	4.75
Dress_Bath	168.77	0.0000	0.31%	63.8%	107.75
Vent Dependent_Tracheostomy	4,520.56	0.0000	1.66%	0.2%	8.05
Transfer_Equip_Mobility	582.06	0.0000	0.86%	5.5%	31.77
Behavioral Variables (Add-On)					
Offensive_1	625.62	0.0000	0.30%	2.1%	13.25
Offensive_2	744.04	0.0000	0.79%	1.9%	14.11
Offensive_3	1,335.59	0.0000	0.74%	1.0%	12.74
Wander_2	293.95	0.0000	0.29%	0.9%	2.53
Mental Health_2	87.06	0.0000	0.06%	74.4%	64.77
Alcohol Drug Abuse	179.70	0.0000	0.08%	20.1%	36.19
Medication Use (Add-On)					
Meds_2B	286.87	0.0000	2.60%	35.5%	101.97
Health Related Services (Add-On)					
Exercise	264.94	0.0000	0.49%	10.3%	27.27
Ulcer Stage 2-3-4	954.02	0.0000	0.78%	3.0%	28.79
Overnight	264.48	0.0000	5.39%	58.8%	155.39
Urinary	572.55	0.0000	1.00%	2.9%	16.39
Wound	385.18	0.0000	0.94%	4.0%	15.33
Tracheostomy	3,424.78	0.0000	7.49%	0.7%	24.97
Reposition	801.74	0.0000	16.82%	7.3%	58.83
Diagnoses (Add-On)					
Alzheimers	135.34	0.0000	2.31%	9.4%	12.78
New Variables					
Bath_Position	71.47	0.0000	0.06%	80.0%	57.19
Incidents					
Incidents_0	0.00	0.0000	0.00%	96.5%	0.00
Incidents_1	559.06	0.0000	0.35%	2.6%	14.76
Incidents_2+	800.44	0.0000	0.39%	0.9%	7.01

Exhibit C3
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Functional Screen Regression Model of 2016-2017 PMPM
Frail Elderly

R-Squared 37.4%

Variable	Statewide Estimate	p-Value	Incremental Partial R ²	Proportion with Variable	Incremental Increase
Intercept (Grid Component)	538.25			100.0%	538.25
DD/NH Level of Care (Grid Component)					
SNF	394.08	0.0000	0.75%	22.5%	88.48
Vent Dependent	3,062.54	0.0000	0.09%	0.1%	2.43
Number of IADLs (Grid Component)					
IADL_1	0.00	0.0000	0.00%	7.0%	0.00
IADL_2	223.90	0.0000	0.07%	12.2%	27.41
IADL_3	457.15	0.0000	0.28%	12.8%	58.72
IADL_4-5-6	779.96	0.0000	1.04%	67.9%	529.87
Specific ADLs / Equipment Used (Add-On)					
Transfer_2	587.63	0.0000	1.79%	27.2%	160.01
Bathing_2	185.61	0.0000	0.38%	55.7%	103.48
Interaction Terms (Add-On)					
Dress_Toilet	303.38	0.0000	2.56%	57.6%	174.84
Injury_Overnight_Mental Illness	1,536.41	0.0000	0.09%	0.1%	1.93
Overnight_Mental Illness	300.81	0.0000	0.56%	8.8%	26.58
Seizure_Post-22_Depression	146.15	0.0000	0.02%	1.7%	2.52
Trauma BI Post-22_Other Mental Illness	605.70	0.0000	0.01%	0.1%	0.53
Transfer_Equip_Mobility	653.42	0.0000	1.88%	7.5%	48.90
Behavioral Variables (Add-On)					
Offensive_3	466.76	0.0000	0.47%	1.4%	6.52
Offensive_1-2	330.01	0.0000	0.60%	5.2%	17.01
Mental Health_2	159.00	0.0000	0.25%	59.7%	94.96
Alcohol Drug Abuse	193.66	0.0000	0.03%	6.5%	12.59
Health Related Services (Add-On)					
Exercise	182.57	0.0000	0.49%	7.6%	13.83
Ulcer Stage 2	159.66	0.0000	0.05%	1.0%	1.65
Ulcer Stage 3-4	642.01	0.0000	0.23%	0.6%	3.66
Respirate	112.08	0.0000	0.40%	7.7%	8.61
Overnight	360.54	0.0000	7.56%	77.0%	277.48
Urinary	292.04	0.0000	0.29%	0.8%	2.40
Tracheostomy	1,206.10	0.0000	0.08%	0.1%	1.30
Reposition	402.15	0.0000	7.66%	7.3%	29.17
Diagnoses (Add-On)					
Alzheimers	265.81	0.0000	8.80%	40.6%	107.90
Mental Illness	108.00	0.0000	0.65%	23.0%	24.80
New Variables					
Bath_Position	164.78	0.0000	0.07%	90.4%	149.03
Incidents					
Incidents_0	0.00	0.0000	0.00%	98.5%	0.00
Incidents_1+	436.83	0.0000	0.24%	1.5%	6.39

Exhibit D1Ai
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
Vent Dependent	4,999.97	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.2%	0.1%
Dual Enrollee	198.72	73.7%	76.4%	52.9%	77.9%	76.7%	74.2%	74.6%	76.3%	71.1%	63.2%	75.8%	78.6%	69.7%	76.6%
DD1A	385.87	2.6%	2.8%	1.0%	3.1%	3.2%	1.9%	2.3%	1.9%	2.3%	2.1%	2.5%	2.0%	2.4%	2.8%
High Cost (4 Parameters)	857.97	1.6%	3.0%	0.9%	1.2%	1.2%	2.3%	2.1%	2.3%	2.2%	1.0%	1.0%	2.4%	1.0%	3.0%
Number of IADLs (Grid Component)															
IADL_1	0.00	0.9%	1.3%	2.9%	1.4%	0.7%	0.5%	0.6%	0.6%	0.4%	0.2%	0.7%	0.8%	0.6%	1.3%
IADL_2	110.62	4.8%	5.4%	9.5%	6.4%	5.4%	4.2%	4.8%	3.8%	3.0%	4.1%	4.7%	6.2%	3.1%	5.4%
IADL_3	225.91	11.2%	12.5%	20.4%	13.9%	9.9%	12.3%	8.5%	11.8%	7.8%	9.0%	10.6%	13.5%	10.4%	12.4%
IADL_4	536.18	18.5%	16.9%	30.1%	18.0%	16.7%	20.7%	16.4%	20.6%	17.1%	17.0%	18.4%	20.8%	18.3%	16.6%
IADL_5	943.48	31.8%	31.7%	27.8%	27.1%	31.4%	32.9%	33.9%	32.8%	35.3%	34.0%	32.1%	28.2%	30.6%	31.9%
IADL_6	1,182.12	32.8%	32.2%	9.4%	33.2%	35.9%	29.4%	35.9%	30.4%	36.4%	35.7%	33.4%	30.5%	37.0%	32.4%
Specific ADLs / Equipment Used (Add-On)															
Eating_2	238.27	21.5%	22.9%	4.4%	20.5%	24.0%	19.7%	24.4%	20.5%	19.5%	18.2%	19.5%	21.1%	22.4%	23.4%
Transfer_2	659.77	16.3%	14.8%	5.7%	16.6%	15.1%	15.3%	18.2%	15.7%	13.4%	16.9%	14.9%	15.5%	15.6%	14.8%
Interaction Terms (Add-On)															
Other Federal DD_Anxiety	208.90	2.9%	4.9%	8.4%	3.3%	4.0%	2.8%	4.4%	2.4%	2.7%	1.4%	1.7%	3.4%	1.3%	4.9%
Bath_Eat	170.12	28.2%	33.2%	14.5%	29.3%	36.6%	23.8%	34.2%	24.1%	21.1%	19.7%	28.3%	24.9%	26.6%	33.6%
Behaviors_Autism	626.93	4.2%	4.8%	2.1%	2.8%	3.4%	4.4%	5.7%	4.5%	9.1%	5.7%	2.6%	6.4%	5.3%	4.8%
Injury_Overnight	879.55	3.9%	6.2%	1.9%	3.4%	2.7%	5.0%	4.3%	5.0%	5.5%	3.3%	2.4%	6.0%	5.2%	6.4%
Injury_Overnight_Age Under 30	1,808.23	1.1%	1.8%	1.3%	0.7%	0.7%	1.3%	1.8%	1.3%	1.0%	0.9%	0.8%	1.3%	1.1%	1.7%
Intellectual Disability_Bipolar	389.58	5.6%	5.3%	4.3%	6.4%	7.5%	4.8%	4.8%	4.5%	3.9%	6.8%	5.7%	6.0%	7.3%	5.3%
Intellectual Disability_Other Mental Illness	393.97	15.6%	21.1%	15.8%	15.3%	17.0%	12.8%	12.8%	17.2%	15.2%	13.6%	14.1%	16.4%	13.9%	21.2%
Overnight_Age Under 30	253.34	4.9%	4.4%	7.0%	3.9%	4.3%	6.8%	6.1%	6.1%	5.2%	5.2%	4.4%	4.7%	5.8%	4.4%
Overnight_Alzheimers_Dementia_Decision Making	167.32	64.0%	66.1%	45.3%	61.9%	62.0%	64.7%	66.7%	65.8%	70.2%	68.8%	58.6%	64.6%	61.0%	66.5%
Overnight_Mental Illness	549.91	11.9%	14.5%	8.1%	9.0%	14.1%	13.5%	10.0%	13.2%	12.9%	10.2%	10.6%	13.0%	8.4%	14.8%
Overnight_Mental Illness_Age Under 30	1,743.45	2.1%	2.3%	4.9%	1.2%	2.3%	3.7%	2.4%	3.3%	2.4%	0.8%	1.6%	2.1%	1.7%	2.3%
Trauma BI Post-22_Other Mental Illness	403.21	2.2%	2.5%	1.4%	1.6%	1.6%	1.1%	0.8%	1.1%	2.7%	2.1%	2.0%	1.9%	1.6%	2.5%
Dress_Bath	422.09	44.4%	48.9%	21.8%	43.7%	47.6%	40.9%	43.4%	41.6%	40.7%	39.9%	41.3%	41.4%	44.2%	49.4%
Transfer_Equip_Mobility	531.58	5.6%	6.0%	3.3%	5.9%	5.9%	4.5%	6.3%	4.4%	5.3%	4.3%	5.2%	5.5%	5.5%	6.0%
Behavioral Variables (Add-On)															
Cognition_3	405.81	25.8%	26.5%	15.1%	25.5%	27.8%	27.3%	34.5%	27.6%	31.9%	26.4%	18.7%	27.1%	24.6%	26.9%
Injury_1	323.45	5.1%	7.1%	8.8%	4.3%	9.4%	3.9%	9.0%	4.0%	4.3%	4.7%	4.6%	3.8%	6.1%	7.1%
Injury_2	389.88	5.3%	6.0%	4.6%	4.6%	7.2%	3.9%	6.1%	3.9%	5.7%	4.7%	5.6%	6.3%	6.6%	6.0%
Offensive_1	467.23	8.7%	9.6%	12.9%	7.8%	14.2%	7.7%	14.6%	6.9%	6.2%	8.4%	11.5%	8.2%	7.3%	9.7%
Offensive_2	874.32	10.2%	12.1%	11.2%	10.3%	12.5%	7.6%	10.8%	7.6%	12.7%	8.8%	9.9%	9.1%	10.5%	12.3%
Offensive_3	2,112.74	9.5%	11.8%	4.5%	6.4%	8.8%	13.2%	10.7%	13.6%	15.9%	8.2%	4.7%	14.5%	9.8%	12.0%
Wander_2	1,387.52	4.0%	7.2%	4.8%	4.0%	3.6%	2.6%	4.3%	2.7%	5.1%	2.0%	2.1%	3.0%	3.9%	7.1%
Mental Health_2	208.76	61.0%	70.0%	67.5%	63.4%	59.8%	58.9%	55.5%	58.3%	56.7%	53.7%	58.9%	62.9%	56.5%	69.5%
Resistive_1	366.02	8.3%	12.4%	5.0%	7.9%	10.4%	5.3%	12.3%	5.2%	9.9%	5.6%	7.4%	7.6%	5.9%	12.4%
Medication Use (Add-On)															
Meds_2B	486.04	72.3%	71.7%	51.5%	67.5%	70.7%	73.7%	69.8%	74.6%	78.3%	76.6%	62.1%	71.5%	79.4%	71.8%
Health Related Services (Add-On)															
Exercise	375.05	10.7%	13.2%	6.1%	10.9%	15.5%	8.3%	15.0%	8.5%	11.2%	9.6%	9.8%	8.0%	7.7%	13.4%
Respirate	277.98	5.7%	8.9%	2.9%	6.2%	5.4%	5.1%	5.6%	5.2%	5.0%	4.3%	5.4%	5.4%	4.3%	9.1%
Ostomy	812.14	0.7%	0.5%	0.7%	0.7%	0.5%	0.3%	0.2%	0.4%	0.3%	0.8%	0.6%	0.5%	0.4%	0.5%
Overnight	374.14	82.6%	87.3%	67.2%	80.2%	82.4%	82.3%	83.6%	82.6%	81.0%	80.8%	81.6%	79.4%	77.6%	87.8%
Urinary	653.52	0.9%	0.6%	0.0%	0.4%	1.2%	0.6%	1.8%	0.7%	1.1%	0.6%	0.6%	0.8%	1.0%	0.6%
Tracheostomy	3,156.25	0.3%	0.3%	0.0%	0.1%	0.1%	0.1%	0.5%	0.1%	0.0%	0.4%	0.1%	0.2%	0.5%	0.4%
Reposition	482.93	7.0%	7.2%	2.2%	6.6%	6.4%	6.6%	7.7%	7.0%	7.7%	8.4%	5.8%	5.6%	6.9%	7.2%
Diagnoses (Add-On)															
Intellectual Disability	190.68	63.7%	59.0%	54.2%	62.7%	71.4%	66.7%	61.5%	67.5%	59.7%	61.3%	71.6%	61.6%	62.4%	59.4%
Incidents															
Incidents_0	0.00	94.1%	92.0%	92.3%	93.7%	94.5%	94.0%	94.0%	94.3%	93.2%	94.8%	94.8%	95.3%	94.9%	91.9%
Incidents_1	749.16	3.6%	4.1%	5.7%	3.8%	3.5%	3.3%	4.3%	3.2%	4.8%	3.5%	3.2%	2.6%	3.5%	4.1%
Incidents_2	1,556.92	1.1%	1.7%	1.4%	1.1%	1.1%	1.3%	0.6%	1.1%	1.0%	1.0%	1.0%	1.2%	0.4%	1.7%
Incidents_3+	2,105.15	1.2%	2.3%	0.7%	1.4%	0.9%	1.4%	1.1%	1.4%	1.0%	0.7%	1.0%	0.8%	1.2%	2.3%
Developmentally Disabled Base Composite	\$3,631.85	\$3,631.85	\$3,962.62	\$2,757.58	\$3,436.65	\$3,746.83	\$3,643.86	\$3,846.76	\$3,667.73	\$3,888.42	\$3,479.64	\$3,321.26	\$3,651.69	\$3,612.93	\$3,986.77

Exhibit D1AI
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Cohort MCO/GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
Vent Dependent	4,999.97	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%
Dual Enrollee	198.72	76.8%	78.8%	74.6%	76.5%	73.0%	75.4%	74.6%	76.5%	77.1%	74.2%	73.0%	71.6%	68.8%
DD1A	385.87	3.2%	3.2%	2.4%	3.3%	2.4%	2.5%	2.4%	2.6%	2.1%	1.9%	2.4%	2.8%	2.6%
High Cost (4 Parameters)	857.97	1.7%	1.2%	1.6%	1.1%	2.1%	1.8%	1.6%	1.0%	2.2%	2.3%	2.1%	1.2%	1.0%
Number of IADLs (Grid Component)														
IADL_1	0.00	1.6%	1.4%	1.7%	0.7%	0.5%	1.2%	1.7%	0.7%	0.8%	0.5%	0.5%	0.6%	0.6%
IADL_2	110.62	6.3%	6.3%	6.3%	5.4%	4.0%	4.7%	6.2%	4.5%	6.1%	4.2%	4.0%	3.3%	3.1%
IADL_3	225.91	11.5%	14.1%	13.9%	9.8%	8.2%	14.4%	13.9%	9.9%	13.2%	12.3%	8.2%	8.1%	10.2%
IADL_4	536.18	18.9%	17.2%	17.6%	16.8%	17.0%	18.4%	17.6%	18.1%	21.1%	20.7%	17.0%	20.1%	18.1%
IADL_5	943.48	32.2%	27.5%	26.3%	31.8%	34.7%	29.5%	26.4%	32.8%	28.2%	32.9%	34.7%	37.3%	31.3%
IADL_6	1,182.12	30.3%	33.5%	34.2%	35.5%	35.6%	31.8%	34.2%	34.0%	30.6%	29.4%	35.6%	30.6%	36.7%
Specific ADLs / Equipment Used (Add-On)														
Eating_2	238.27	20.5%	20.8%	23.5%	23.7%	22.0%	25.7%	23.5%	19.9%	21.4%	19.7%	22.0%	21.1%	22.2%
Transfer_2	659.77	15.8%	16.4%	15.0%	15.0%	16.2%	15.2%	14.9%	14.7%	15.8%	15.3%	16.2%	21.5%	15.8%
Interaction Terms (Add-On)														
Other Federal DD_Anxiety	208.90	3.3%	3.4%	2.7%	4.0%	3.6%	4.0%	2.7%	1.6%	3.4%	2.8%	3.6%	1.5%	1.5%
Bath_Eat	170.12	29.2%	29.7%	27.8%	36.1%	28.2%	29.4%	27.8%	28.8%	25.1%	23.8%	28.2%	28.8%	26.6%
Behaviors_Autism	626.93	5.0%	2.9%	3.4%	3.3%	7.2%	2.8%	3.4%	2.6%	6.1%	4.4%	7.2%	3.0%	5.0%
Injury_Overnight	879.55	4.3%	3.5%	3.3%	2.6%	4.8%	4.8%	3.3%	2.4%	5.7%	5.0%	4.8%	2.5%	4.9%
Injury_Overnight_Age Under 30	1,808.23	1.1%	0.8%	0.8%	0.7%	1.5%	1.4%	0.8%	0.8%	1.3%	1.3%	1.5%	0.8%	1.1%
Intellectual Disability_Bipolar	389.58	4.5%	6.4%	3.7%	7.4%	4.4%	5.9%	3.7%	5.8%	6.3%	4.8%	4.4%	6.0%	7.4%
Intellectual Disability_Other Mental Illness	393.97	15.2%	15.6%	15.9%	15.3%	13.8%	18.3%	15.9%	14.4%	16.4%	17.0%	13.8%	15.1%	13.9%
Overnight_Age Under 30	253.34	4.7%	3.9%	4.4%	4.4%	5.7%	5.3%	4.4%	4.3%	4.9%	6.8%	5.7%	4.1%	5.8%
Overnight_Alzheimers_Dementia_Decision Making	167.32	68.3%	62.7%	61.0%	62.1%	67.9%	59.4%	60.9%	58.6%	65.2%	64.7%	67.9%	66.6%	62.0%
Overnight_Mental Illness	549.91	11.5%	9.2%	11.0%	14.1%	11.3%	14.5%	11.0%	10.3%	12.7%	13.5%	11.3%	13.1%	8.9%
Overnight_Mental Illness_Age Under 30	1,743.45	1.9%	2.1%	2.3%	2.3%	2.4%	2.1%	2.1%	1.6%	2.0%	3.7%	2.4%	1.8%	1.6%
Trauma BI Post-22_Other Mental Illness	403.21	2.9%	1.5%	1.1%	1.6%	1.8%	3.3%	1.1%	1.9%	1.8%	1.1%	1.8%	3.3%	2.0%
Dress_Bath	422.09	43.9%	44.3%	41.9%	47.2%	42.2%	44.7%	41.9%	40.8%	41.6%	40.9%	42.2%	52.4%	44.1%
Transfer_Equip_Mobility	531.58	6.2%	6.0%	5.4%	5.8%	5.8%	4.2%	5.4%	5.2%	5.6%	4.5%	5.8%	6.9%	5.7%
Behavioral Variables (Add-On)														
Cognition_3	405.81	26.6%	25.6%	23.4%	27.8%	32.9%	22.8%	23.4%	18.3%	27.4%	27.3%	32.9%	26.4%	24.9%
Injury_1	323.45	6.2%	4.2%	2.6%	9.4%	6.8%	4.1%	2.6%	4.7%	3.9%	3.9%	6.8%	3.6%	6.0%
Injury_2	389.88	6.5%	4.6%	5.9%	7.1%	5.9%	4.2%	5.9%	5.9%	6.0%	3.9%	5.9%	3.2%	6.4%
Offensive_1	467.23	8.8%	7.9%	5.5%	14.2%	10.8%	5.7%	5.5%	11.9%	8.5%	7.7%	10.8%	7.3%	7.7%
Offensive_2	874.32	12.9%	10.1%	10.5%	12.6%	11.4%	9.1%	10.5%	10.0%	9.1%	7.6%	11.4%	7.7%	10.7%
Offensive_3	2,112.74	11.8%	6.5%	8.0%	8.8%	12.8%	11.5%	8.0%	4.4%	13.7%	13.2%	12.8%	7.2%	9.5%
Wander_2	1,387.52	4.8%	4.1%	4.8%	3.7%	4.6%	5.1%	4.8%	2.0%	2.9%	2.6%	4.6%	3.3%	4.0%
Mental Health_2	208.76	64.5%	63.3%	60.8%	59.8%	56.4%	66.2%	60.9%	58.6%	63.2%	58.9%	56.4%	60.1%	57.5%
Resistive_1	366.02	11.5%	7.9%	9.8%	10.2%	11.0%	8.9%	9.8%	7.5%	7.3%	5.3%	11.0%	5.0%	5.8%
Medication Use (Add-On)														
Meds_2B	486.04	71.8%	67.4%	66.2%	70.9%	73.8%	70.7%	66.2%	62.0%	70.7%	73.7%	73.8%	81.4%	79.6%
Health Related Services (Add-On)														
Exercise	375.05	15.1%	10.8%	12.3%	15.2%	13.1%	11.9%	12.2%	9.4%	8.6%	8.3%	13.1%	5.3%	7.7%
Respirate	277.98	7.4%	6.3%	6.0%	5.4%	5.2%	6.9%	6.0%	5.4%	5.7%	5.1%	5.2%	4.5%	4.3%
Ostomy	812.14	0.9%	0.6%	1.1%	0.6%	0.3%	0.6%	1.1%	0.7%	0.5%	0.3%	0.3%	0.4%	0.4%
Overnight	374.14	87.4%	80.7%	78.6%	82.4%	82.6%	81.8%	78.6%	82.3%	80.1%	82.3%	82.6%	87.0%	78.7%
Urinary	653.52	1.6%	0.5%	0.8%	1.2%	1.5%	1.1%	0.8%	0.7%	0.8%	0.6%	1.5%	0.9%	0.9%
Tracheostomy	3,156.25	0.5%	0.1%	0.3%	0.1%	0.3%	0.3%	0.3%	0.1%	0.3%	0.1%	0.3%	0.2%	0.4%
Reposition	482.93	7.5%	6.7%	6.6%	6.4%	7.6%	5.6%	6.6%	5.7%	5.7%	6.6%	7.6%	9.1%	6.9%
Diagnoses (Add-On)														
Intellectual Disability	190.68	65.8%	64.0%	66.3%	70.9%	60.1%	60.3%	66.2%	73.6%	60.7%	66.7%	60.1%	60.6%	61.6%
Incidents														
Incidents_0	0.00	94.0%	93.7%	93.8%	94.1%	93.6%	92.0%	93.8%	94.7%	95.3%	94.0%	93.6%	95.8%	94.7%
Incidents_1	749.16	2.8%	3.8%	4.0%	3.6%	4.5%	4.7%	4.0%	3.4%	2.8%	3.3%	4.5%	2.9%	3.6%
Incidents_2	1,556.92	1.35%	1.21%	1.11%	1.20%	0.79%	1.87%	1.1%	1.00%	1.09%	1.27%	0.79%	0.61%	0.51%
Incidents_3+	2,105.15	1.91%	1.32%	1.05%	1.11%	1.06%	1.46%	1.05%	0.92%	0.77%	1.43%	1.06%	0.67%	1.13%
Developmentally Disabled Base Composite	\$3,631.85	\$3,810.22	\$3,460.80	\$3,472.01	\$3,747.23	\$3,850.00	\$3,693.17	\$3,469.90	\$3,333.05	\$3,635.91	\$3,643.86	\$3,850.00	\$3,615.84	\$3,619.88

Exhibit D1Aii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
Vent Dependent	4,999.97	0.2%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%
Dual Enrollee	198.72	68.8%	67.8%	71.5%	68.4%	74.8%	77.9%	71.5%
DD1A	385.87	2.6%	2.9%	2.9%	3.8%	3.0%	3.1%	2.9%
High Cost (4 Parameters)	857.97	1.0%	0.6%	0.7%	1.0%	1.7%	1.2%	0.7%
Number of IADLs (Grid Component)								
IADL_1	0.00	0.6%	0.9%	0.7%	0.3%	1.7%	1.4%	0.7%
IADL_2	110.62	3.1%	5.7%	5.2%	3.3%	5.8%	6.4%	5.2%
IADL_3	225.91	10.2%	11.3%	10.3%	9.4%	12.2%	13.9%	10.3%
IADL_4	536.18	18.1%	20.6%	20.3%	16.7%	19.8%	18.0%	20.3%
IADL_5	943.48	31.3%	28.4%	27.4%	36.6%	31.8%	27.1%	27.4%
IADL_6	1,182.12	36.7%	33.2%	36.2%	33.7%	28.6%	33.2%	36.2%
Specific ADLs / Equipment Used (Add-On)								
Eating_2	238.27	22.2%	23.0%	27.9%	21.2%	19.2%	20.5%	27.9%
Transfer_2	659.77	15.8%	16.8%	16.7%	17.7%	15.0%	16.6%	16.7%
Interaction Terms (Add-On)								
Other Federal DD_Anxiety	208.90	1.5%	3.6%	1.8%	2.6%	3.7%	3.3%	1.8%
Bath_Eat	170.12	26.6%	27.9%	25.7%	32.7%	28.1%	29.3%	25.7%
Behaviors_Autism	626.93	5.0%	2.3%	3.1%	2.5%	4.8%	2.8%	3.1%
Injury_Overnight	879.55	4.9%	1.4%	2.7%	1.4%	4.1%	3.4%	2.7%
Injury_Overnight_Age Under 30	1,808.23	1.1%	0.3%	0.9%	0.3%	1.1%	0.7%	0.9%
Intellectual Disability_Bipolar	389.58	7.4%	4.4%	3.7%	4.3%	4.5%	6.4%	3.7%
Intellectual Disability_Other Mental Illness	393.97	13.9%	10.9%	11.2%	14.4%	15.2%	15.3%	11.2%
Overnight_Age Under 30	253.34	5.8%	4.2%	5.0%	5.7%	4.8%	3.9%	5.0%
Overnight_Alzheimers_Dementia_Decision Making	167.32	62.0%	55.2%	67.3%	63.5%	66.4%	61.9%	67.3%
Overnight_Mental Illness	549.91	8.9%	6.9%	7.4%	13.2%	11.3%	9.0%	7.4%
Overnight_Mental Illness_Age Under 30	1,743.45	1.6%	1.2%	1.4%	2.6%	2.2%	1.2%	1.4%
Trauma BI Post-22_Other Mental Illness	403.21	2.0%	1.0%	1.3%	1.0%	2.7%	1.6%	1.3%
Dress_Bath	422.09	44.1%	39.2%	39.2%	43.7%	42.1%	43.7%	39.2%
Transfer_Equip_Mobility	531.58	5.7%	6.2%	5.2%	6.7%	5.9%	5.9%	5.2%
Behavioral Variables (Add-On)								
Cognition_3	405.81	24.9%	22.2%	29.2%	24.9%	25.7%	25.5%	29.2%
Injury_1	323.45	6.0%	7.4%	9.5%	8.4%	6.4%	4.3%	9.5%
Injury_2	389.88	6.4%	4.9%	5.3%	6.8%	6.3%	4.6%	5.3%
Offensive_1	467.23	7.7%	13.5%	14.6%	14.1%	9.1%	7.8%	14.6%
Offensive_2	874.32	10.7%	9.5%	8.4%	12.7%	12.8%	10.3%	8.4%
Offensive_3	2,112.74	9.5%	2.8%	9.5%	4.0%	11.3%	6.4%	9.5%
Wander_2	1,387.52	4.0%	3.0%	3.7%	2.9%	4.8%	4.0%	3.7%
Mental Health_2	208.76	57.5%	53.4%	48.9%	54.5%	64.7%	63.4%	48.9%
Resistive_1	366.02	5.8%	9.0%	10.3%	11.8%	10.9%	7.9%	10.3%
Medication Use (Add-On)								
Meds_2B	486.04	79.6%	69.3%	73.4%	68.8%	70.2%	67.5%	73.4%
Health Related Services (Add-On)								
Exercise	375.05	7.7%	8.3%	8.7%	13.4%	14.3%	10.9%	8.7%
Respirate	277.98	4.3%	3.9%	5.1%	5.1%	7.0%	6.2%	5.1%
Ostomy	812.14	0.4%	0.4%	1.3%	0.7%	0.9%	0.7%	1.3%
Overnight	374.14	78.7%	78.2%	86.5%	85.1%	85.7%	80.2%	86.5%
Urinary	653.52	0.9%	1.1%	0.8%	1.4%	1.5%	0.4%	0.8%
Tracheostomy	3,156.25	0.4%	0.3%	0.0%	0.4%	0.5%	0.1%	0.0%
Reposition	482.93	6.9%	6.8%	6.7%	8.1%	7.1%	6.6%	6.7%
Diagnoses (Add-On)								
Intellectual Disability	190.68	61.6%	67.9%	64.9%	67.2%	64.8%	62.7%	64.9%
Incidents								
Incidents_0	0.00	94.7%	95.1%	93.4%	93.4%	93.8%	93.7%	93.4%
Incidents_1	749.16	3.6%	3.2%	4.2%	3.7%	3.0%	3.8%	4.2%
Incidents_2	1,556.92	0.5%	0.8%	1.4%	0.7%	1.4%	1.1%	1.4%
Incidents_3+	2,105.15	1.1%	0.9%	1.0%	2.1%	1.8%	1.4%	1.0%
Developmentally Disabled Base Composite	\$3,631.85	\$3,619.88	\$3,245.91	\$3,561.65	\$3,610.00	\$3,725.53	\$3,436.65	\$3,561.65

Exhibit D1Aiii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
Vent Dependent	4,999.97	0.0%	0.0%	0.1%	3.2%	0.0%	0.0%	0.0%	0.1%
Dual Enrollee	198.72	73.1%	75.4%	74.1%	83.8%	67.5%	75.4%	82.0%	74.1%
DD1A	385.87	0.0%	6.2%	3.1%	4.9%	4.0%	6.2%	2.8%	3.1%
High Cost (4 Parameters)	857.97	0.0%	0.0%	0.5%	3.8%	0.2%	0.0%	0.6%	0.5%
Number of IADLs (Grid Component)									
IADL_1	0.00	0.0%	0.4%	0.5%	0.0%	0.1%	0.4%	0.9%	0.5%
IADL_2	110.62	25.3%	7.0%	5.8%	26.5%	2.4%	7.0%	1.7%	5.8%
IADL_3	225.91	27.9%	15.1%	12.2%	10.3%	6.1%	15.1%	6.0%	12.2%
IADL_4	536.18	9.4%	13.7%	20.1%	6.6%	23.2%	13.7%	10.1%	20.1%
IADL_5	943.48	18.0%	29.7%	31.0%	44.8%	32.6%	29.7%	44.1%	31.0%
IADL_6	1,182.12	19.3%	34.1%	30.3%	11.9%	35.5%	34.1%	37.2%	30.3%
Specific ADLs / Equipment Used (Add-On)									
Eating_2	238.27	19.7%	29.5%	25.1%	35.7%	22.6%	29.5%	27.3%	25.1%
Transfer_2	659.77	7.8%	24.0%	17.4%	18.4%	14.8%	24.0%	18.1%	17.4%
Interaction Terms (Add-On)									
Other Federal DD_Anxiety	208.90	0.0%	3.2%	2.5%	0.0%	3.1%	3.2%	1.6%	2.5%
Bath_Eat	170.12	17.2%	41.2%	24.2%	31.3%	32.3%	41.2%	27.2%	24.2%
Behaviors_Autism	626.93	0.0%	0.7%	1.6%	0.0%	2.1%	0.7%	1.6%	1.6%
Injury_Overnight	879.55	0.0%	0.7%	1.3%	1.6%	0.5%	0.7%	0.0%	1.3%
Injury_Overnight_Age Under 30	1,808.23	0.0%	0.7%	0.5%	1.1%	0.0%	0.7%	0.0%	0.5%
Intellectual Disability_Bipolar	389.58	2.5%	2.9%	4.1%	0.0%	5.0%	2.9%	1.9%	4.1%
Intellectual Disability_Other Mental Illness	393.97	17.3%	2.6%	10.5%	10.3%	11.1%	2.6%	12.5%	10.5%
Overnight_Age Under 30	253.34	2.5%	5.7%	4.5%	13.0%	9.1%	5.7%	1.6%	4.5%
Overnight_Alzheimers_Dementia_Decision Making	167.32	49.1%	42.8%	59.3%	68.1%	67.3%	42.8%	67.9%	59.3%
Overnight_Mental Illness	549.91	2.5%	5.1%	4.5%	12.4%	16.0%	5.1%	11.4%	4.5%
Overnight_Mental Illness_Age Under 30	1,743.45	2.5%	1.2%	1.0%	6.5%	3.1%	1.2%	0.0%	1.0%
Trauma BI Post-22_Other Mental Illness	403.21	2.1%	1.5%	0.8%	0.0%	1.9%	1.5%	0.6%	0.8%
Dress_Bath	422.09	24.2%	50.2%	31.0%	40.0%	41.3%	50.2%	39.2%	31.0%
Transfer_Equip_Mobility	531.58	4.9%	11.0%	5.8%	6.5%	6.2%	11.0%	10.0%	5.8%
Behavioral Variables (Add-On)									
Cognition_3	405.81	21.3%	29.7%	28.2%	22.7%	29.9%	29.7%	29.0%	28.2%
Injury_1	323.45	1.6%	12.4%	12.6%	2.7%	12.4%	12.4%	10.5%	12.6%
Injury_2	389.88	2.5%	2.5%	5.6%	4.3%	7.4%	2.5%	8.2%	5.6%
Offensive_1	467.23	4.1%	11.1%	22.9%	5.4%	20.0%	11.1%	23.3%	22.9%
Offensive_2	874.32	0.0%	3.1%	8.3%	7.0%	13.6%	3.1%	8.7%	8.3%
Offensive_3	2,112.74	0.0%	0.0%	2.1%	1.1%	2.4%	0.0%	3.6%	2.1%
Wander_2	1,387.52	0.0%	1.5%	4.9%	3.2%	6.3%	1.5%	1.9%	4.9%
Mental Health_2	208.76	47.8%	35.8%	49.1%	36.2%	56.7%	35.8%	51.5%	49.1%
Resistive_1	366.02	2.5%	12.1%	13.4%	8.1%	11.0%	12.1%	17.7%	13.4%
Medication Use (Add-On)									
Meds_2B	486.04	49.3%	61.7%	58.3%	55.6%	67.6%	61.7%	64.9%	58.3%
Health Related Services (Add-On)									
Exercise	375.05	4.9%	8.7%	10.8%	9.7%	16.5%	8.7%	10.8%	10.8%
Respirate	277.98	2.5%	4.5%	3.6%	3.2%	5.0%	4.5%	5.3%	3.6%
Ostomy	812.14	0.0%	1.5%	0.8%	2.7%	1.2%	1.5%	1.9%	0.8%
Overnight	374.14	72.0%	57.9%	80.0%	78.9%	83.9%	57.9%	82.0%	80.0%
Urinary	653.52	0.0%	1.5%	1.0%	0.0%	1.0%	1.5%	1.6%	1.0%
Tracheostomy	3,156.25	0.0%	0.0%	0.5%	3.2%	0.0%	0.0%	0.0%	0.5%
Reposition	482.93	4.9%	11.7%	7.1%	7.0%	9.4%	11.7%	7.4%	7.1%
Diagnoses (Add-On)									
Intellectual Disability	190.68	68.3%	59.3%	69.8%	67.5%	63.6%	59.3%	68.2%	69.8%
Incidents									
Incidents_0	0.00	100.0%	94.1%	94.1%	93.5%	95.0%	94.1%	97.7%	94.1%
Incidents_1	749.16	0.0%	3.6%	3.6%	6.5%	1.0%	3.6%	0.4%	3.6%
Incidents_2	1,556.92	0.0%	1.1%	1.1%	0.0%	1.0%	1.1%	0.9%	1.1%
Incidents_3+	2,105.15	0.0%	1.2%	1.2%	0.0%	2.9%	1.2%	0.9%	1.2%
Developmentally Disabled Base Composite	\$3,631.85	\$2,261.28	\$3,120.18	\$3,279.19	\$3,391.35	\$3,666.65	\$3,120.18	\$3,527.23	\$3,279.19

Exhibit D1Bi
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Developmentally Disabled

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
Vent Dependent	4,999.97	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.2%	0.2%
Dual Enrollee	198.72	74.0%	77.9%	55.3%	78.7%	76.7%	74.6%	74.5%	76.2%	71.8%	61.6%	75.1%	78.0%	70.2%	78.4%
DD1A	385.87	2.5%	2.6%	1.2%	2.7%	3.1%	1.7%	2.4%	1.7%	2.0%	2.7%	2.3%	2.0%	2.1%	2.5%
High Cost (4 Parameters)	857.97	2.1%	4.6%	0.0%	2.4%	1.6%	2.5%	2.2%	2.5%	2.6%	1.2%	1.5%	2.5%	0.9%	4.7%
Number of IADLs (Grid Component)															
IADL_1	0.00	0.8%	1.0%	0.6%	1.7%	1.1%	0.5%	0.5%	0.5%	0.3%	0.3%	0.8%	0.8%	0.5%	0.9%
IADL_2	110.62	3.6%	3.3%	10.1%	3.4%	4.6%	3.3%	3.3%	3.0%	2.6%	4.0%	3.3%	5.8%	3.3%	3.1%
IADL_3	225.91	10.2%	9.9%	28.0%	10.8%	9.5%	12.5%	8.9%	12.0%	7.7%	9.5%	9.5%	12.4%	10.9%	9.9%
IADL_4	536.18	19.1%	18.3%	23.7%	19.0%	17.2%	21.1%	17.1%	20.9%	19.0%	17.6%	20.3%	22.7%	17.8%	17.6%
IADL_5	943.48	33.2%	31.8%	27.1%	29.0%	31.7%	34.1%	35.0%	34.5%	35.2%	35.3%	34.3%	28.3%	31.2%	32.1%
IADL_6	1,182.12	33.1%	35.7%	10.4%	36.1%	35.8%	28.5%	35.2%	29.1%	35.1%	33.3%	31.8%	29.9%	36.3%	36.3%
Specific ADLs / Equipment Used (Add-On)															
Eating_2	238.27	20.3%	19.4%	5.0%	18.3%	20.3%	17.8%	22.2%	18.4%	17.6%	17.8%	18.3%	18.9%	20.8%	19.8%
Transfer_2	659.77	16.5%	15.2%	6.6%	17.3%	14.3%	15.4%	17.2%	15.6%	13.1%	17.6%	15.3%	15.3%	15.8%	15.5%
Interaction Terms (Add-On)															
Other Federal DD_Anxiety	208.90	1.7%	2.6%	6.3%	1.6%	3.0%	2.0%	4.2%	1.9%	0.9%	1.2%	1.0%	2.2%	1.2%	2.6%
Bath_Eat	170.12	23.8%	30.6%	10.4%	25.7%	29.9%	19.0%	28.4%	18.8%	16.4%	15.5%	23.8%	19.2%	20.6%	31.1%
Behaviors_Autism	626.93	4.9%	6.7%	2.4%	4.4%	3.6%	5.0%	5.9%	5.1%	9.1%	5.8%	2.9%	6.6%	5.5%	6.9%
Injury_Overnight	879.55	4.5%	8.6%	1.8%	4.4%	2.7%	4.6%	4.1%	4.5%	5.4%	3.2%	3.3%	5.2%	4.9%	8.9%
Injury_Overnight_Age Under 30	1,808.23	1.1%	2.2%	0.6%	0.6%	0.8%	1.4%	1.5%	1.3%	1.1%	0.8%	1.1%	1.2%	1.2%	2.2%
Intellectual Disability_Bipolar	389.58	5.9%	5.7%	4.2%	6.7%	7.4%	5.2%	5.3%	5.0%	4.6%	7.1%	6.4%	6.5%	7.0%	5.7%
Intellectual Disability_Other Mental Illness	393.97	16.3%	21.9%	15.5%	15.6%	15.9%	16.7%	14.4%	16.9%	15.2%	14.4%	15.9%	16.8%	14.0%	22.2%
Overnight_Age Under 30	253.34	5.0%	5.4%	4.8%	4.3%	4.7%	6.1%	6.7%	5.4%	5.5%	5.5%	4.6%	4.6%	6.3%	5.0%
Overnight_Alzheimers_Dementia_Decision Making	167.32	71.7%	78.0%	47.5%	72.7%	65.5%	69.6%	69.1%	70.5%	74.7%	74.4%	65.8%	69.2%	69.7%	78.9%
Overnight_Mental Illness	549.91	15.0%	21.4%	7.2%	13.6%	16.1%	14.5%	11.6%	13.8%	14.2%	12.5%	13.1%	15.0%	11.3%	21.8%
Overnight_Mental Illness_Age Under 30	1,743.45	2.6%	3.5%	2.4%	2.4%	3.0%	3.5%	3.1%	3.0%	2.3%	1.2%	2.3%	2.9%	2.4%	3.2%
Trauma BI Post-22_Other Mental Illness	403.21	2.6%	3.6%	3.5%	2.2%	1.8%	1.5%	0.7%	1.6%	2.1%	3.1%	2.2%	1.4%	1.9%	3.5%
Dress_Bath	422.09	46.0%	50.9%	22.9%	46.8%	49.2%	42.6%	43.0%	42.9%	42.3%	40.6%	43.5%	41.9%	44.6%	51.8%
Transfer_Equip_Mobility	531.58	5.8%	5.9%	3.6%	6.6%	6.0%	4.6%	6.2%	4.5%	4.7%	5.1%	5.2%	5.6%	5.4%	6.1%
Behavioral Variables (Add-On)															
Cognition_3	405.81	26.0%	29.0%	15.5%	25.2%	28.1%	27.5%	34.5%	27.6%	30.6%	26.0%	19.4%	29.6%	21.3%	29.4%
Injury_1	323.45	4.9%	6.0%	6.4%	4.7%	9.3%	4.1%	9.5%	4.0%	4.1%	3.9%	5.0%	5.1%	6.1%	
Injury_2	389.88	5.2%	5.6%	2.4%	4.2%	6.8%	4.1%	5.2%	3.9%	5.8%	4.7%	5.4%	5.2%	7.2%	5.7%
Offensive_1	467.23	8.5%	7.3%	11.3%	9.7%	14.1%	7.9%	15.1%	7.8%	6.0%	7.8%	10.8%	8.2%	7.3%	7.6%
Offensive_2	874.32	9.9%	11.3%	8.9%	10.4%	11.1%	7.8%	10.7%	7.9%	11.8%	8.8%	10.3%	9.1%	8.8%	11.5%
Offensive_3	2,112.74	10.6%	16.7%	4.8%	9.1%	8.3%	11.9%	10.3%	12.1%	15.3%	7.6%	5.4%	12.1%	9.4%	17.4%
Wander_2	1,387.52	4.1%	8.5%	3.6%	4.5%	3.7%	2.2%	3.8%	2.2%	4.6%	2.5%	1.8%	3.1%	3.6%	8.4%
Mental Health_2	208.76	64.1%	74.6%	72.8%	66.3%	62.8%	61.7%	58.4%	60.9%	58.8%	56.6%	62.7%	66.6%	60.5%	74.4%
Resistive_1	366.02	8.3%	13.8%	4.2%	8.6%	9.7%	5.1%	11.7%	4.9%	8.7%	5.8%	7.7%	6.6%	5.4%	14.1%
Medication Use (Add-On)															
Meds_2B	486.04	74.4%	75.7%	54.9%	71.5%	72.1%	74.0%	71.7%	75.1%	78.9%	77.1%	67.1%	71.2%	81.4%	76.1%
Health Related Services (Add-On)															
Exercise	375.05	10.0%	12.5%	5.4%	11.9%	13.4%	8.5%	11.8%	8.3%	9.4%	10.2%	8.4%	8.5%	7.5%	12.8%
Respirate	277.98	6.1%	10.6%	3.0%	6.7%	5.3%	5.6%	5.6%	5.8%	5.7%	4.7%	6.0%	5.3%	4.0%	10.9%
Ostomy	812.14	0.6%	0.6%	0.0%	0.6%	0.5%	0.4%	0.1%	0.4%	0.2%	1.0%	0.7%	0.5%	0.4%	0.6%
Overnight	374.14	90.2%	97.6%	78.3%	92.0%	89.9%	88.3%	89.1%	88.1%	86.8%	86.3%	93.9%	82.4%	84.3%	98.6%
Urinary	653.52	0.9%	0.9%	0.0%	0.9%	0.8%	0.5%	1.9%	0.6%	0.9%	0.8%	0.7%	0.6%	1.0%	0.9%
Tracheostomy	3,156.25	0.3%	0.4%	0.0%	0.1%	0.1%	0.2%	0.5%	0.2%	0.0%	0.7%	0.0%	0.2%	0.5%	0.4%
Reposition	482.93	7.3%	8.7%	2.4%	7.7%	5.9%	6.7%	7.2%	7.0%	8.2%	8.2%	5.8%	5.1%	6.8%	9.0%
Diagnoses (Add-On)															
Intellectual Disability	190.68	62.5%	59.2%	50.4%	61.3%	69.0%	64.6%	61.5%	66.5%	59.2%	58.8%	70.3%	58.1%	61.0%	59.9%
Incidents															
Incidents_0	0.00	94.3%	91.8%	92.8%	93.3%	94.7%	94.0%	94.4%	94.3%	93.9%	95.8%	94.7%	95.6%	95.2%	91.7%
Incidents_1	749.16	3.5%	4.2%	6.0%	4.1%	3.3%	3.3%	3.8%	3.1%	4.4%	2.5%	3.4%	2.5%	3.3%	4.1%
Incidents_2	1,556.92	1.1%	1.7%	1.2%	1.3%	1.0%	1.1%	0.8%	1.2%	0.8%	1.0%	0.9%	1.1%	0.4%	1.8%
Incidents_3+	2,105.15	1.1%	2.3%	0.0%	1.3%	1.0%	1.6%	1.0%	1.4%	0.9%	0.7%	1.0%	0.8%	1.1%	2.4%
Developmentally Disabled Composite	\$3,766.62	\$3,766.62	\$4,347.19	\$2,676.05	\$3,746.69	\$3,764.64	\$3,654.78	\$3,861.09	\$3,663.08	\$3,859.48	\$3,531.60	\$3,482.74	\$3,631.93	\$3,634.13	\$4,399.72
Adjusted Developmentally Disabled Composite	\$3,710.96	\$3,710.96	\$4,210.48	\$2,676.05	\$3,633.50	\$3,764.64	\$3,654.78	\$3,861.09	\$3,663.08	\$3,859.48	\$3,531.60	\$3,482.74	\$3,631.93	\$3,634.13	\$4,255.84

Exhibit D1Bi
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
Vent Dependent	4,999.97	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%
Dual Enrollee	198.72	77.3%	80.2%	74.5%	76.4%	73.1%	75.4%	74.6%	76.0%	76.4%	74.6%	73.1%	71.0%	68.8%
DD1A	385.87	3.5%	2.9%	1.8%	3.2%	2.2%	2.6%	1.7%	2.3%	2.3%	1.7%	2.2%	2.8%	2.3%
High Cost (4 Parameters)	857.97	3.0%	2.4%	1.7%	1.5%	2.4%	2.2%	1.7%	1.6%	2.3%	2.5%	2.4%	1.6%	1.0%
Number of IADLs (Grid Component)														
IADL_1	0.00	1.1%	1.3%	1.0%	1.1%	0.4%	0.6%	1.0%	0.8%	0.8%	0.5%	0.4%	0.7%	0.6%
IADL_2	110.62	3.6%	2.9%	4.5%	4.7%	3.2%	3.1%	4.4%	2.9%	5.3%	3.3%	3.2%	3.0%	3.1%
IADL_3	225.91	9.2%	10.4%	12.6%	9.5%	8.3%	12.2%	12.5%	8.6%	12.5%	12.5%	8.3%	7.3%	10.5%
IADL_4	536.18	18.9%	17.9%	18.1%	17.3%	18.4%	18.5%	18.3%	19.8%	22.6%	21.1%	18.4%	21.3%	17.5%
IADL_5	943.48	32.8%	29.7%	30.3%	32.0%	35.2%	33.1%	30.2%	34.9%	28.6%	34.1%	35.2%	38.4%	32.5%
IADL_6	1,182.12	34.4%	37.8%	33.5%	35.4%	34.5%	32.5%	33.5%	33.0%	30.2%	28.5%	34.5%	29.2%	35.7%
Specific ADLs / Equipment Used (Add-On)														
Eating_2	238.27	20.7%	18.9%	21.7%	20.1%	19.9%	26.5%	21.4%	19.1%	19.3%	17.8%	19.9%	21.8%	20.1%
Transfer_2	659.77	17.1%	17.3%	14.5%	14.2%	15.3%	14.6%	14.7%	15.4%	15.9%	15.4%	15.3%	22.4%	16.2%
Interaction Terms (Add-On)														
Other Federal DD_Anxiety	208.90	1.5%	1.6%	1.0%	2.9%	2.6%	1.9%	1.0%	1.0%	1.9%	2.0%	2.6%	1.1%	1.4%
Bath_Eat	170.12	25.0%	26.5%	23.5%	29.6%	23.0%	28.3%	23.4%	24.5%	19.8%	19.0%	23.0%	24.4%	20.4%
Behaviors_Autism	626.93	5.8%	4.7%	4.0%	3.7%	7.4%	3.4%	3.9%	2.9%	6.3%	5.0%	7.4%	3.4%	5.5%
Injury_Overnight	879.55	5.5%	4.6%	3.9%	2.6%	4.7%	5.3%	3.3%	4.8%	4.8%	4.6%	4.7%	3.3%	4.9%
Injury_Overnight_Age Under 30	1,808.23	1.4%	0.6%	0.8%	0.7%	1.4%	1.4%	0.8%	1.0%	1.3%	1.4%	1.4%	0.9%	1.4%
Intellectual Disability_Bipolar	389.58	4.9%	6.7%	4.1%	7.4%	5.0%	5.7%	4.0%	6.5%	6.7%	5.2%	5.0%	6.1%	7.0%
Intellectual Disability_Other Mental Illness	393.97	16.0%	16.1%	16.8%	16.0%	14.8%	19.4%	16.6%	16.3%	16.7%	16.7%	14.8%	14.9%	14.0%
Overnight_Age Under 30	253.34	4.9%	4.1%	4.8%	4.7%	6.3%	6.3%	4.7%	4.4%	5.1%	6.1%	6.3%	3.9%	6.6%
Overnight_Alzheimers_Dementia_Decision Making	167.32	78.0%	75.2%	70.8%	65.5%	71.2%	68.6%	70.7%	66.3%	69.8%	69.6%	71.2%	74.0%	70.3%
Overnight_Mental Illness	549.91	15.7%	14.3%	14.6%	16.1%	12.7%	18.7%	14.8%	13.3%	14.6%	14.5%	12.7%	16.2%	11.8%
Overnight_Mental Illness_Age Under 30	1,743.45	2.6%	2.4%	2.4%	3.0%	2.8%	4.1%	2.4%	2.2%	2.9%	3.5%	2.8%	2.0%	2.5%
Trauma BI Post-22_Other Mental Illness	403.21	3.7%	2.1%	1.6%	2.1%	1.4%	3.8%	1.6%	2.2%	1.4%	1.5%	1.4%	4.0%	2.4%
Dress_Bath	422.09	46.4%	47.7%	43.6%	48.8%	42.6%	47.5%	43.8%	43.3%	41.8%	42.6%	42.6%	53.6%	44.6%
Transfer_Equip_Mobility	531.58	6.9%	7.0%	5.2%	6.0%	5.5%	4.3%	5.3%	5.4%	6.0%	4.6%	5.5%	7.3%	5.6%
Behavioral Variables (Add-On)														
Cognition_3	405.81	28.9%	25.9%	24.1%	28.1%	32.1%	23.3%	24.0%	19.4%	29.5%	27.5%	32.1%	25.0%	22.1%
Injury_1	323.45	6.4%	4.5%	2.7%	9.2%	6.9%	3.9%	2.7%	4.0%	5.1%	4.1%	6.9%	2.4%	5.0%
Injury_2	389.88	6.4%	4.3%	6.7%	6.7%	5.5%	4.9%	6.6%	5.6%	4.8%	4.1%	5.5%	2.4%	6.8%
Offensive_1	467.23	8.7%	9.8%	6.4%	13.8%	10.9%	6.2%	6.5%	11.3%	8.3%	7.9%	10.9%	6.0%	7.4%
Offensive_2	874.32	11.4%	10.2%	10.8%	11.3%	11.4%	11.0%	10.7%	10.5%	8.5%	7.8%	11.4%	7.5%	9.0%
Offensive_3	2,112.74	14.7%	9.7%	9.0%	8.3%	12.4%	13.2%	8.9%	5.4%	12.3%	11.9%	12.4%	9.0%	9.3%
Wander_2	1,387.52	5.2%	4.6%	5.4%	3.7%	4.3%	5.7%	5.3%	1.9%	2.9%	2.2%	4.3%	3.1%	3.5%
Mental Health_2	208.76	67.6%	66.0%	65.0%	63.0%	59.3%	70.4%	65.4%	62.6%	66.8%	61.7%	59.3%	62.4%	61.5%
Resistive_1	366.02	11.4%	8.7%	9.7%	9.6%	10.2%	8.8%	9.7%	7.9%	6.3%	5.1%	10.2%	5.2%	5.4%
Medication Use (Add-On)														
Meds_2B	486.04	74.5%	72.4%	68.3%	72.1%	75.0%	73.2%	68.6%	66.9%	71.1%	74.0%	75.0%	82.1%	81.6%
Health Related Services (Add-On)														
Exercise	375.05	14.5%	11.9%	10.8%	13.2%	10.6%	12.6%	11.0%	8.3%	9.1%	8.5%	10.6%	4.6%	7.5%
Respirate	277.98	7.0%	7.2%	5.9%	5.3%	5.5%	7.4%	5.8%	6.1%	5.7%	5.6%	5.5%	5.1%	4.0%
Ostomy	812.14	0.8%	0.6%	0.9%	0.5%	0.1%	0.3%	1.0%	0.7%	0.4%	0.4%	0.1%	0.8%	0.5%
Overnight	374.14	92.7%	92.9%	89.6%	89.9%	88.1%	89.7%	89.6%	95.1%	83.6%	88.3%	88.1%	92.8%	85.4%
Urinary	653.52	1.3%	1.0%	0.5%	0.8%	1.4%	1.3%	0.6%	0.8%	0.8%	0.5%	1.4%	0.8%	1.0%
Tracheostomy	3,156.25	0.7%	0.1%	0.3%	0.1%	0.3%	0.4%	0.3%	0.0%	0.3%	0.2%	0.3%	0.2%	0.4%
Reposition	482.93	8.4%	8.2%	6.5%	5.8%	7.5%	6.1%	6.5%	5.8%	5.4%	6.7%	7.5%	9.1%	6.9%
Diagnoses (Add-On)														
Intellectual Disability	190.68	63.1%	64.0%	64.8%	68.3%	59.6%	58.9%	64.0%	72.4%	56.9%	64.6%	59.6%	58.4%	59.6%
Incidents														
Incidents_0	0.00	93.7%	93.5%	93.9%	94.4%	94.1%	92.2%	93.9%	94.6%	95.7%	94.0%	94.1%	96.0%	94.8%
Incidents_1	749.16	3.0%	3.8%	4.1%	3.4%	4.2%	4.8%	4.1%	3.5%	2.6%	3.3%	4.2%	3.6%	3.6%
Incidents_2	1,556.92	1.4%	1.4%	1.1%	1.1%	0.7%	1.7%	1.1%	1.0%	1.0%	1.1%	0.7%	0.7%	0.5%
Incidents_3+	2,105.15	1.9%	1.3%	1.0%	1.2%	0.9%	1.3%	1.0%	0.9%	0.8%	1.6%	0.9%	0.5%	1.1%
Developmentally Disabled Composite	\$3,766.62	\$4,067.88	\$3,822.38	\$3,632.98	\$3,760.93	\$3,851.12	\$3,924.49	\$3,629.58	\$3,517.55	\$3,637.16	\$3,654.78	\$3,851.12	\$3,707.80	\$3,656.44
Adjusted Developmentally Disabled Composite		\$3,934.86	\$3,697.39	\$3,514.18	\$3,757.86	\$3,850.40	\$3,796.16	\$3,512.97	\$3,517.55	\$3,637.16	\$3,654.78	\$3,850.40	\$3,707.80	\$3,656.44

Exhibit D1Bii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
Vent Dependent	4,999.97	0.1%	0.2%	0.0%	0.2%	0.1%	0.0%	0.0%
Dual Enrollee	198.72	68.8%	67.3%	72.8%	68.1%	75.3%	78.7%	64.6%
DD1A	385.87	2.3%	3.2%	1.8%	3.7%	3.3%	2.7%	3.6%
High Cost (4 Parameters)	857.97	1.0%	0.8%	1.9%	1.2%	2.7%	2.4%	0.0%
Number of IADLs (Grid Component)								
IADL_1	0.00	0.6%	1.0%	0.3%	0.5%	1.1%	1.7%	0.4%
IADL_2	110.62	3.1%	3.4%	4.0%	2.6%	4.2%	3.4%	4.9%
IADL_3	225.91	10.5%	8.7%	7.3%	7.4%	10.9%	10.8%	13.4%
IADL_4	536.18	17.5%	22.7%	18.2%	17.1%	19.5%	19.0%	21.9%
IADL_5	943.48	32.5%	32.2%	26.7%	39.8%	32.2%	29.0%	34.2%
IADL_6	1,182.12	35.7%	31.9%	43.6%	32.7%	32.1%	36.1%	25.1%
Specific ADLs / Equipment Used (Add-On)								
Eating_2	238.27	20.1%	22.8%	34.2%	19.0%	19.1%	18.3%	17.5%
Transfer_2	659.77	16.2%	15.8%	17.4%	17.5%	16.0%	17.3%	12.6%
Interaction Terms (Add-On)								
Other Federal DD_Anxiety	208.90	1.4%	2.4%	1.3%	1.5%	2.0%	1.6%	1.3%
Bath_Eat	170.12	20.4%	21.9%	28.0%	27.2%	23.6%	25.7%	18.0%
Behaviors_Autism	626.93	5.5%	2.8%	5.9%	3.2%	5.4%	4.4%	1.8%
Injury_Overnight	879.55	4.9%	2.0%	7.5%	2.0%	5.2%	4.4%	0.4%
Injury_Overnight_Age Under 30	1,808.23	1.4%	0.4%	2.2%	0.5%	1.4%	0.6%	0.0%
Intellectual Disability_Bipolar	389.58	7.0%	4.0%	5.1%	4.7%	4.8%	6.7%	4.0%
Intellectual Disability_Other Mental Illness	393.97	14.0%	10.7%	14.5%	15.6%	15.9%	15.6%	7.6%
Overnight_Age Under 30	253.34	6.6%	4.6%	7.8%	5.7%	4.9%	4.3%	3.1%
Overnight_Alzheimers_Dementia_Decision Making	167.32	70.3%	71.0%	86.7%	69.6%	75.2%	72.7%	76.3%
Overnight_Mental Illness	549.91	11.8%	7.3%	14.8%	16.0%	14.9%	13.6%	4.1%
Overnight_Mental Illness_Age Under 30	1,743.45	2.5%	1.1%	3.5%	3.1%	2.5%	2.4%	0.4%
Trauma BI Post-22_Other Mental Illness	403.21	2.4%	1.1%	1.9%	1.5%	3.6%	2.2%	2.7%
Dress_Bath	422.09	44.6%	41.3%	45.1%	45.5%	44.1%	46.8%	42.6%
Transfer_Equip_Mobility	531.58	5.6%	5.6%	4.8%	6.9%	6.5%	6.6%	2.3%
Behavioral Variables (Add-On)								
Cognition_3	405.81	22.1%	20.8%	42.3%	24.3%	27.6%	25.2%	10.7%
Injury_1	323.45	5.0%	7.0%	8.9%	7.0%	6.4%	4.7%	5.8%
Injury_2	389.88	6.8%	3.8%	5.9%	5.7%	6.0%	4.2%	4.0%
Offensive_1	467.23	7.4%	10.6%	15.9%	14.5%	8.9%	9.7%	6.3%
Offensive_2	874.32	9.0%	8.8%	9.2%	12.5%	11.1%	10.4%	12.1%
Offensive_3	2,112.74	9.3%	3.1%	17.8%	7.0%	13.8%	9.1%	6.7%
Wander_2	1,387.52	3.5%	2.3%	6.5%	2.4%	5.0%	4.5%	2.7%
Mental Health_2	208.76	61.5%	56.8%	61.6%	58.3%	67.8%	66.3%	49.7%
Resistive_1	366.02	5.4%	6.0%	12.9%	11.2%	10.7%	8.6%	4.9%
Medication Use (Add-On)								
Meds_2B	486.04	81.6%	71.4%	80.9%	71.3%	72.7%	71.5%	72.1%
Health Related Services (Add-On)								
Exercise	375.05	7.5%	6.9%	10.0%	13.6%	13.5%	11.9%	4.9%
Respirate	277.98	4.0%	3.8%	4.3%	5.7%	6.7%	6.7%	6.7%
Ostomy	812.14	0.5%	0.2%	2.2%	1.0%	0.7%	0.6%	0.9%
Overnight	374.14	85.4%	93.5%	96.0%	94.2%	91.3%	92.0%	92.4%
Urinary	653.52	1.0%	0.9%	0.8%	1.6%	1.2%	0.9%	0.9%
Tracheostomy	3,156.25	0.4%	0.3%	0.0%	0.6%	0.6%	0.1%	0.4%
Reposition	482.93	6.9%	8.1%	7.0%	7.3%	7.7%	7.7%	4.5%
Diagnoses (Add-On)								
Intellectual Disability	190.68	59.6%	64.7%	68.8%	65.4%	62.0%	61.3%	46.6%
Incidents								
Incidents_0	0.00	94.8%	94.8%	92.2%	93.6%	93.6%	93.3%	95.5%
Incidents_1	749.16	3.6%	3.4%	5.4%	3.6%	3.2%	4.1%	2.7%
Incidents_2	1,556.92	0.5%	0.9%	1.6%	0.8%	1.4%	1.3%	0.4%
Incidents_3+	2,105.15	1.1%	0.9%	0.8%	2.0%	1.8%	1.3%	1.3%
Developmentally Disabled Composite	\$3,766.62	\$3,656.44	\$3,320.50	\$4,313.25	\$3,763.63	\$3,931.12	\$3,746.69	\$3,114.63
Adjusted Developmentally Disabled Composite		\$3,656.44	\$3,320.50	\$4,172.21	\$3,763.63	\$3,811.72	\$3,633.50	\$3,114.63

Exhibit D1Biii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
Developmentally Disabled

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	171.73	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
Vent Dependent	4,999.97	1.3%	0.0%	0.2%	1.3%	0.0%	0.0%	0.0%	0.2%
Dual Enrollee	198.72	78.3%	75.8%	75.5%	78.3%	74.9%	75.8%	74.9%	75.5%
DD1A	385.87	0.0%	6.1%	3.9%	0.0%	4.2%	6.1%	4.2%	3.9%
High Cost (4 Parameters)	857.97	2.6%	0.0%	1.4%	2.6%	1.3%	0.0%	1.3%	1.4%
Number of IADLs (Grid Component)									
IADL_1	0.00	0.0%	0.0%	0.3%	0.0%	0.4%	0.0%	0.4%	0.3%
IADL_2	110.62	12.0%	6.1%	3.7%	12.0%	0.8%	6.1%	0.8%	3.7%
IADL_3	225.91	21.7%	15.2%	11.2%	21.7%	3.8%	15.2%	3.8%	11.2%
IADL_4	536.18	12.8%	13.6%	18.9%	12.8%	14.8%	13.6%	14.8%	18.9%
IADL_5	943.48	24.2%	30.3%	31.8%	24.2%	39.5%	30.3%	39.5%	31.8%
IADL_6	1,182.12	29.3%	34.8%	34.1%	29.3%	40.6%	34.8%	40.6%	34.1%
Specific ADLs / Equipment Used (Add-On)									
Eating_2	238.27	25.5%	30.3%	23.9%	25.5%	27.9%	30.3%	27.9%	23.9%
Transfer_2	659.77	14.0%	22.7%	18.1%	14.0%	19.9%	22.7%	19.9%	18.1%
Interaction Terms (Add-On)									
Other Federal DD_Anxiety	208.90	0.0%	3.0%	1.9%	0.0%	1.3%	3.0%	1.3%	1.9%
Bath_Eat	170.12	28.1%	40.9%	26.7%	28.1%	30.5%	40.9%	30.5%	26.7%
Behaviors_Autism	626.93	0.0%	0.0%	1.8%	0.0%	4.2%	0.0%	4.2%	1.8%
Injury_Overnight	879.55	2.6%	0.0%	2.7%	2.6%	1.7%	0.0%	1.7%	2.7%
Injury_Overnight_Age Under 30	1,808.23	1.3%	0.0%	1.1%	1.3%	0.0%	0.0%	0.0%	1.1%
Intellectual Disability_Bipolar	389.58	3.8%	4.5%	2.7%	3.8%	3.0%	4.5%	3.0%	2.7%
Intellectual Disability_Other Mental Illness	393.97	19.1%	3.0%	9.4%	19.1%	13.1%	3.0%	13.1%	9.4%
Overnight_Age Under 30	253.34	7.7%	6.1%	5.1%	7.7%	6.8%	6.1%	6.8%	5.1%
Overnight_Alzheimers_Dementia_Decision Making	167.32	66.3%	48.5%	71.4%	66.3%	89.0%	48.5%	89.0%	71.4%
Overnight_Mental Illness	549.91	11.5%	6.1%	7.4%	11.5%	19.5%	6.1%	19.5%	7.4%
Overnight_Mental Illness_Age Under 30	1,743.45	3.8%	1.5%	1.5%	3.8%	2.5%	1.5%	2.5%	1.5%
Trauma BI Post-22_Other Mental Illness	403.21	0.0%	1.5%	1.4%	0.0%	2.5%	1.5%	2.5%	1.4%
Dress_Bath	422.09	39.5%	54.5%	41.6%	39.5%	48.7%	54.5%	48.7%	41.6%
Transfer_Equip_Mobility	531.58	3.8%	12.1%	5.8%	3.8%	7.2%	12.1%	7.2%	5.8%
Behavioral Variables (Add-On)									
Cognition_3	405.81	21.7%	30.3%	30.3%	21.7%	30.5%	30.3%	30.5%	30.3%
Injury_1	323.45	5.1%	13.6%	8.8%	5.1%	8.5%	13.6%	8.5%	8.8%
Injury_2	389.88	5.1%	4.5%	4.6%	5.1%	11.5%	4.5%	11.5%	4.6%
Offensive_1	467.23	8.9%	12.1%	19.0%	8.9%	16.5%	12.1%	16.5%	19.0%
Offensive_2	874.32	6.4%	3.0%	8.7%	6.4%	11.9%	3.0%	11.9%	8.7%
Offensive_3	2,112.74	2.6%	0.0%	3.1%	2.6%	7.6%	0.0%	7.6%	3.1%
Wander_2	1,387.52	2.6%	1.5%	3.8%	2.6%	5.9%	1.5%	5.9%	3.8%
Mental Health_2	208.76	54.8%	40.9%	54.7%	54.8%	62.3%	40.9%	62.3%	54.7%
Resistive_1	366.02	7.7%	12.1%	10.1%	7.7%	12.7%	12.1%	12.7%	10.1%
Medication Use (Add-On)									
Meds_2B	486.04	54.8%	65.2%	68.7%	54.8%	76.6%	65.2%	76.6%	68.7%
Health Related Services (Add-On)									
Exercise	375.05	6.4%	7.6%	10.7%	6.4%	17.4%	7.6%	17.4%	10.7%
Respirate	277.98	5.1%	4.5%	4.1%	5.1%	5.9%	4.5%	5.9%	4.1%
Ostomy	812.14	0.0%	1.5%	1.4%	0.0%	1.7%	1.5%	1.7%	1.4%
Overnight	374.14	87.2%	66.7%	93.4%	87.2%	96.6%	66.7%	96.6%	93.4%
Urinary	653.52	0.0%	1.5%	1.8%	0.0%	1.7%	1.5%	1.7%	1.8%
Tracheostomy	3,156.25	1.3%	0.0%	0.6%	1.3%	0.0%	0.0%	0.0%	0.6%
Reposition	482.93	3.8%	10.6%	6.5%	3.8%	9.3%	10.6%	9.3%	6.5%
Diagnoses (Add-On)									
Intellectual Disability	190.68	67.6%	62.1%	53.5%	67.6%	63.5%	62.1%	63.5%	53.5%
Incidents									
Incidents_0	0.00	97.4%	94.3%	99.4%	97.4%	96.6%	94.3%	96.6%	99.4%
Incidents_1	749.16	2.6%	3.5%	0.6%	2.6%	0.8%	3.5%	0.8%	0.6%
Incidents_2	1,556.92	0.0%	1.1%	0.0%	0.0%	0.8%	1.1%	0.8%	0.0%
Incidents_3+	2,105.15	0.0%	1.1%	0.0%	0.0%	1.7%	1.1%	1.7%	0.0%
Developmentally Disabled Composite	\$3,766.62	\$3,194.94	\$3,227.11	\$3,450.71	\$3,194.94	\$4,076.30	\$3,227.11	\$4,076.30	\$3,450.71
Adjusted Developmentally Disabled Composite		\$3,137.67	\$3,227.11	\$3,450.71	\$3,137.67	\$4,004.38	\$3,227.11	\$4,004.38	\$3,450.71

Exhibit D2AI
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
SNF	503.14	22.9%	27.9%	17.2%	24.7%	22.0%	25.3%	29.3%	26.2%	28.1%	20.3%	23.0%	25.6%	24.2%	28.8%
Vent Dependent	7,306.54	0.5%	0.5%	0.7%	0.0%	1.1%	1.5%	3.4%	1.0%	0.7%	0.1%	0.1%	0.7%	1.1%	0.4%
Number of IADLs (Grid Component)															
IADL_1	0.00	15.5%	17.4%	18.7%	23.3%	16.0%	12.7%	10.2%	14.6%	13.7%	13.0%	15.6%	15.7%	19.0%	18.1%
IADL_2	158.36	21.7%	18.9%	24.9%	23.0%	19.5%	18.0%	17.4%	17.3%	17.0%	23.8%	17.7%	22.7%	22.2%	19.1%
IADL_3	293.78	20.0%	21.5%	20.4%	17.2%	19.8%	21.3%	13.9%	20.5%	18.1%	21.6%	19.9%	20.4%	18.2%	21.1%
IADL_4	474.98	17.4%	17.3%	18.5%	13.3%	16.6%	17.5%	20.5%	18.3%	17.9%	20.3%	18.6%	15.5%	15.8%	16.7%
IADL_5	693.30	18.1%	17.4%	12.7%	17.2%	20.0%	22.5%	22.3%	22.1%	24.8%	18.4%	21.1%	16.9%	15.8%	17.4%
IADL_6	840.69	7.3%	7.5%	4.7%	6.1%	8.1%	8.0%	15.6%	7.2%	6.0%	5.3%	7.0%	8.8%	8.9%	7.6%
Specific ADLs / Equipment Used (Add-On)															
Bathing_2	308.92	32.6%	36.5%	24.5%	32.4%	39.8%	44.4%	53.0%	45.2%	39.8%	32.6%	27.5%	27.2%	32.7%	36.8%
Transfer_2	807.11	19.0%	20.7%	11.4%	18.6%	23.0%	25.2%	33.0%	27.0%	22.8%	17.2%	16.8%	23.7%	22.1%	20.9%
Interaction Terms (Add-On)															
Injury_Overnight_Mental Illness	1,997.08	0.2%	0.4%	1.4%	0.5%	0.4%	0.6%	0.0%	0.2%	0.0%	0.0%	0.0%	0.9%	0.0%	0.5%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.4%	1.1%	0.4%	0.4%	0.6%	0.5%	0.0%	0.2%	1.3%	0.2%	0.2%	0.2%	0.5%	1.2%
Overnight_Alzheimers_Dementia_Decision Making	336.28	15.5%	19.1%	10.3%	13.0%	14.6%	18.3%	27.6%	18.5%	16.5%	13.8%	16.3%	16.4%	13.7%	19.4%
Overnight_Mental Illness	447.41	7.5%	7.9%	3.5%	6.2%	7.9%	10.5%	7.8%	11.3%	10.0%	7.4%	8.1%	10.8%	6.5%	8.1%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.7%	0.7%	1.8%	0.8%	0.7%	0.0%	0.6%	0.0%	0.0%	0.6%	1.2%	1.2%	0.5%	0.8%
Dress_Bath	168.77	63.8%	68.0%	49.4%	67.1%	65.5%	67.6%	63.1%	68.4%	66.8%	65.6%	56.4%	61.6%	66.9%	69.2%
Vent Dependent_Tracheostomy	4,520.56	0.2%	0.1%	0.0%	0.0%	0.4%	0.4%	1.5%	0.5%	0.7%	0.0%	0.0%	0.0%	0.7%	0.1%
Transfer_Equip_Mobility	582.06	5.5%	8.6%	4.3%	5.4%	9.1%	6.6%	5.6%	5.7%	7.3%	3.8%	4.5%	5.9%	5.2%	8.1%
Behavioral Variables (Add-On)															
Offensive_1	625.62	2.1%	2.7%	1.9%	1.7%	3.9%	2.3%	6.0%	2.6%	1.4%	1.6%	2.4%	2.9%	1.5%	3.0%
Offensive_2	744.04	1.9%	3.9%	0.4%	1.3%	3.0%	2.3%	3.1%	2.2%	3.3%	1.2%	1.0%	0.8%	2.5%	4.3%
Offensive_3	1,335.59	1.0%	1.9%	1.8%	1.2%	1.6%	1.3%	2.4%	1.4%	4.1%	0.2%	0.5%	2.7%	0.4%	2.2%
Wander_2	293.95	0.9%	1.5%	0.0%	1.9%	0.7%	1.2%	1.5%	0.9%	1.2%	0.3%	0.8%	2.6%	0.6%	1.3%
Mental Health_2	87.06	74.4%	80.9%	82.0%	77.4%	76.3%	77.1%	82.1%	76.7%	76.8%	64.4%	81.5%	79.6%	70.5%	82.0%
Alcohol Drug Abuse	179.70	20.1%	19.8%	19.2%	19.3%	17.6%	13.5%	15.1%	13.6%	17.8%	20.2%	23.4%	21.1%	16.9%	19.2%
Medication Use (Add-On)															
Meds_2B	286.87	35.5%	34.2%	27.9%	29.2%	30.1%	38.8%	39.5%	38.7%	36.8%	41.7%	30.1%	33.0%	36.0%	34.4%
Health Related Services (Add-On)															
Exercise	264.94	10.3%	15.4%	7.9%	12.2%	17.0%	13.2%	16.5%	14.1%	16.8%	11.0%	5.7%	10.6%	10.3%	15.6%
Ulcer Stage 2-3-4	954.02	3.0%	3.7%	1.0%	2.4%	3.2%	3.9%	7.1%	4.1%	3.3%	2.1%	2.8%	1.8%	4.1%	3.8%
Overnight	264.48	58.8%	66.8%	48.8%	56.1%	58.6%	63.0%	65.4%	64.2%	51.8%	59.2%	53.5%	60.8%	56.6%	68.3%
Urinary	572.55	2.9%	3.8%	0.7%	5.0%	4.4%	4.9%	6.2%	5.9%	3.5%	1.3%	2.0%	0.9%	2.2%	4.0%
Wound	385.18	4.0%	5.1%	1.7%	7.4%	4.4%	3.2%	5.1%	3.6%	2.2%	3.6%	5.1%	4.9%	3.3%	4.8%
Tracheostomy	3,424.78	0.7%	0.5%	0.7%	0.0%	1.0%	1.5%	5.0%	1.3%	1.4%	0.4%	0.5%	0.5%	2.0%	0.6%
Reposition	801.74	7.3%	9.1%	5.6%	6.0%	10.1%	12.9%	12.2%	14.1%	9.8%	6.0%	5.3%	5.8%	7.7%	9.1%
Diagnoses (Add-On)															
Alzheimers	135.34	9.4%	11.4%	5.4%	7.9%	10.4%	10.4%	18.6%	10.0%	10.7%	6.5%	12.3%	13.1%	9.4%	12.0%
New Variables															
Bath_Position	71.47	80.0%	79.4%	78.4%	81.2%	86.8%	83.5%	80.9%	83.6%	83.0%	74.4%	78.8%	82.3%	80.8%	80.3%
Incidents															
Incidents_0	0.00	96.5%	92.7%	93.7%	94.5%	96.7%	95.9%	94.8%	96.3%	97.8%	98.7%	96.7%	98.0%	97.0%	92.7%
Incidents_1	559.06	2.6%	4.9%	5.6%	3.5%	2.4%	4.0%	3.6%	3.7%	1.5%	1.1%	2.0%	1.3%	2.7%	4.8%
Incidents_2+	800.44	0.9%	2.3%	0.7%	1.9%	0.8%	0.0%	1.6%	0.0%	0.7%	0.2%	1.3%	0.7%	0.2%	2.5%
Physically Disabled Composite	\$2,326.31	\$2,326.31	\$2,536.49	\$2,036.93	\$2,220.58	\$2,542.37	\$2,707.22	\$3,295.13	\$2,691.73	\$2,618.70	\$2,161.73	\$2,197.72	\$2,386.77	\$2,428.37	\$2,559.81

Exhibit D2AI
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
SNF	503.14	21.7%	24.7%	25.4%	22.4%	27.9%	28.8%	25.3%	22.8%	23.8%	25.3%	27.9%	19.3%	23.4%
Vent Dependent	7,306.54	0.2%	0.0%	0.8%	1.0%	1.8%	0.0%	0.8%	0.1%	1.1%	1.5%	1.8%	0.2%	0.9%
Number of IADLs (Grid Component)														
IADL_1	0.00	18.7%	23.3%	16.9%	15.6%	11.6%	7.8%	16.8%	16.1%	14.0%	12.7%	11.6%	14.2%	17.9%
IADL_2	158.36	20.7%	22.4%	21.5%	20.4%	18.6%	20.3%	21.5%	15.9%	23.2%	18.0%	18.6%	23.8%	22.6%
IADL_3	293.78	20.6%	17.0%	17.3%	20.9%	15.5%	20.2%	17.4%	19.3%	19.6%	21.3%	15.5%	20.7%	19.2%
IADL_4	474.98	17.4%	13.5%	17.1%	15.9%	21.0%	19.7%	17.0%	19.9%	16.7%	17.5%	21.0%	17.8%	16.0%
IADL_5	693.30	16.2%	17.8%	18.6%	19.4%	23.1%	22.3%	18.5%	21.3%	18.7%	22.5%	23.1%	16.6%	15.4%
IADL_6	840.69	6.4%	6.0%	8.7%	7.8%	10.2%	9.6%	8.7%	7.6%	7.9%	8.0%	10.2%	7.0%	8.9%
Specific ADLs / Equipment Used (Add-On)														
Bathing_2	308.92	23.6%	33.0%	34.7%	38.4%	44.4%	34.3%	34.6%	29.3%	28.8%	44.4%	44.4%	31.8%	31.1%
Transfer_2	807.11	15.1%	19.1%	20.5%	21.9%	26.7%	19.4%	20.5%	18.0%	22.7%	25.2%	26.7%	16.9%	21.7%
Interaction Terms (Add-On)														
Injury_Overnight_Mental Illness	1,997.08	0.3%	0.6%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.7%	0.6%	0.0%	0.2%	0.0%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.5%	0.4%	0.3%	0.5%	0.6%	0.5%	0.3%	0.2%	0.2%	0.5%	0.6%	0.2%	0.4%
Overnight_Alzheimers_Dementia_Decision Making	336.28	14.3%	13.2%	15.1%	14.5%	21.0%	17.3%	15.0%	16.3%	15.9%	18.3%	21.0%	15.9%	13.5%
Overnight_Mental Illness	447.41	7.1%	6.2%	7.3%	8.1%	8.7%	10.8%	7.3%	8.5%	9.3%	10.5%	8.7%	6.8%	6.4%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.5%	0.8%	1.1%	0.7%	0.4%	1.6%	1.1%	1.2%	0.9%	0.0%	0.4%	0.5%	0.4%
Dress_Bath	168.77	50.4%	69.3%	59.2%	64.5%	64.4%	54.4%	59.1%	55.9%	62.3%	67.6%	64.4%	73.6%	67.1%
Vent Dependent_Tracheostomy	4,520.56	0.2%	0.0%	0.4%	0.3%	1.0%	0.0%	0.4%	0.0%	0.0%	0.4%	1.0%	0.0%	0.6%
Transfer_Equip_Mobility	582.06	6.5%	5.9%	5.6%	8.9%	6.1%	5.9%	5.5%	4.9%	5.2%	6.6%	6.1%	4.4%	4.9%
Behavioral Variables (Add-On)														
Offensive_1	625.62	2.4%	1.9%	1.5%	3.6%	3.4%	1.1%	1.4%	2.6%	2.5%	2.3%	3.4%	2.1%	1.7%
Offensive_2	744.04	1.9%	1.2%	2.5%	2.8%	3.0%	2.9%	2.5%	1.2%	0.7%	2.3%	3.0%	1.5%	2.2%
Offensive_3	1,335.59	0.7%	1.0%	0.9%	1.6%	2.9%	1.1%	0.9%	0.3%	2.1%	1.3%	2.9%	0.6%	0.4%
Wander_2	293.95	0.7%	1.9%	0.7%	0.8%	1.2%	1.4%	0.7%	0.6%	2.9%	1.2%	1.2%	0.5%	0.6%
Mental Health_2	87.06	80.8%	78.2%	80.2%	77.2%	79.9%	80.5%	80.1%	81.4%	79.3%	77.1%	79.9%	66.0%	70.8%
Alcohol Drug Abuse	179.70	24.9%	19.2%	21.2%	18.0%	16.6%	31.3%	21.3%	24.2%	19.8%	13.5%	16.6%	18.2%	16.2%
Medication Use (Add-On)														
Meds_2B	286.87	36.2%	29.3%	33.2%	30.8%	38.1%	46.1%	33.1%	28.9%	31.3%	38.8%	38.1%	35.2%	34.9%
Health Related Services (Add-On)														
Exercise	264.94	10.5%	13.0%	13.7%	16.1%	15.2%	11.5%	13.6%	6.4%	11.9%	13.2%	15.2%	4.2%	10.0%
Ulcer Stage 2-3-4	954.02	3.2%	2.4%	3.0%	3.2%	4.9%	4.5%	2.9%	2.7%	1.6%	3.9%	4.9%	2.7%	3.8%
Overnight	264.48	51.5%	57.8%	61.0%	58.8%	58.7%	55.8%	61.0%	53.8%	62.5%	63.0%	58.7%	61.5%	59.4%
Urinary	572.55	4.9%	4.8%	3.4%	4.3%	4.7%	3.3%	3.3%	2.1%	1.2%	4.9%	4.7%	1.4%	2.3%
Wound	385.18	5.3%	7.6%	5.5%	4.3%	4.5%	4.6%	5.5%	5.6%	4.6%	4.5%	4.5%	2.3%	3.0%
Tracheostomy	3,424.78	0.4%	0.0%	1.0%	0.9%	2.8%	0.0%	1.0%	0.5%	0.9%	1.5%	2.8%	0.4%	1.8%
Reposition	801.74	7.9%	6.3%	9.1%	9.5%	10.8%	6.9%	9.0%	5.5%	5.9%	12.9%	10.8%	5.6%	7.7%
Diagnoses (Add-On)														
Alzheimers	135.34	8.8%	7.9%	9.7%	10.2%	14.0%	11.3%	9.7%	13.3%	13.2%	10.4%	14.0%	8.6%	9.3%
New Variables														
Bath_Position	71.47	84.6%	82.4%	76.7%	86.3%	81.0%	76.9%	76.6%	79.8%	83.1%	83.5%	81.0%	80.7%	80.8%
Incidents														
Incidents_0	0.00	95.9%	94.5%	95.7%	96.3%	96.7%	92.1%	95.6%	96.4%	97.5%	95.9%	96.7%	98.2%	97.5%
Incidents_1	559.06	2.5%	3.7%	2.9%	2.2%	2.3%	7.2%	3.0%	2.2%	1.6%	4.0%	2.3%	1.6%	2.3%
Incidents_2+	800.44	1.5%	1.8%	1.4%	1.4%	1.0%	0.7%	1.4%	1.3%	0.9%	0.0%	1.0%	0.2%	0.2%
Physically Disabled Composite	\$2,326.31	\$2,208.32	\$2,247.54	\$2,435.73	\$2,508.76	\$2,862.92	\$2,462.35	\$2,432.39	\$2,227.38	\$2,405.14	\$2,707.22	\$2,862.92	\$2,176.20	\$2,384.41

Exhibit D2Aii
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
SNF	503.14	23.4%	21.8%	22.8%	32.0%	20.9%	24.7%	22.8%
Vent Dependent	7,306.54	0.9%	1.2%	1.6%	0.5%	0.2%	0.0%	1.6%
Number of IADLs (Grid Component)								
IADL_1	0.00	17.9%	10.4%	14.4%	9.2%	18.7%	23.3%	14.4%
IADL_2	158.36	22.6%	20.4%	12.0%	14.5%	21.5%	23.0%	12.0%
IADL_3	293.78	19.2%	22.0%	19.2%	17.7%	20.6%	17.2%	19.2%
IADL_4	474.98	16.0%	18.7%	19.7%	19.1%	17.6%	13.3%	19.7%
IADL_5	693.30	15.4%	20.7%	20.3%	28.1%	15.6%	17.2%	20.3%
IADL_6	840.69	8.9%	7.8%	14.4%	11.4%	6.1%	6.1%	14.4%
Specific ADLs / Equipment Used (Add-On)								
Bathing_2	308.92	31.1%	44.4%	47.3%	47.6%	23.8%	32.4%	47.3%
Transfer_2	807.11	21.7%	26.1%	34.2%	29.8%	14.4%	18.6%	34.2%
Interaction Terms (Add-On)								
Injury_Overnight_Mental Illness	1,997.08	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.4%	0.2%	0.3%	0.6%	0.5%	0.4%	0.3%
Overnight_Alzheimers_Dementia_Decision Making	336.28	13.5%	13.7%	20.8%	21.5%	13.6%	13.0%	20.8%
Overnight_Mental Illness	447.41	6.4%	4.0%	4.2%	8.8%	6.5%	6.2%	4.2%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.4%	0.5%	0.0%	0.0%	0.8%	0.8%	0.0%
Dress_Bath	168.77	67.1%	70.1%	68.1%	66.7%	50.2%	67.1%	68.1%
Vent Dependent_Tracheostomy	4,520.56	0.6%	0.8%	0.0%	0.0%	0.1%	0.0%	0.0%
Transfer_Equip_Mobility	582.06	4.9%	5.6%	7.4%	7.2%	6.1%	5.4%	7.4%
Behavioral Variables (Add-On)								
Offensive_1	625.62	1.7%	1.8%	3.3%	2.7%	2.3%	1.7%	3.3%
Offensive_2	744.04	2.2%	1.9%	2.5%	3.4%	1.6%	1.3%	2.5%
Offensive_3	1,335.59	0.4%	0.0%	0.9%	0.8%	0.9%	1.2%	0.9%
Wander_2	293.95	0.6%	0.9%	0.0%	1.8%	0.6%	1.9%	0.0%
Mental Health_2	87.06	70.8%	73.9%	64.0%	72.9%	81.0%	77.4%	64.0%
Alcohol Drug Abuse	179.70	16.2%	12.7%	13.3%	10.6%	23.9%	19.3%	13.3%
Medication Use (Add-On)								
Meds_2B	286.87	34.9%	31.3%	34.3%	30.5%	34.8%	29.2%	34.3%
Health Related Services (Add-On)								
Exercise	264.94	10.0%	12.5%	19.9%	14.6%	10.0%	12.2%	19.9%
Ulcer Stage 2-3-4	954.02	3.8%	4.5%	4.0%	3.5%	2.8%	2.4%	4.0%
Overnight	264.48	59.4%	57.2%	67.3%	74.8%	51.0%	56.1%	67.3%
Urinary	572.55	2.3%	3.6%	3.5%	3.7%	4.2%	5.0%	3.5%
Wound	385.18	3.0%	3.7%	3.7%	7.0%	4.7%	7.4%	3.7%
Tracheostomy	3,424.78	1.8%	1.8%	0.8%	1.7%	0.4%	0.0%	0.8%
Reposition	801.74	7.7%	10.9%	14.8%	11.0%	7.5%	6.0%	14.8%
Diagnoses (Add-On)								
Alzheimers	135.34	9.3%	8.0%	14.9%	8.1%	8.2%	7.9%	14.9%
New Variables								
Bath_Position	71.47	80.8%	84.9%	77.7%	80.9%	83.5%	81.2%	77.7%
Incidents								
Incidents_0	0.00	97.5%	97.2%	99.3%	92.6%	95.5%	94.5%	99.3%
Incidents_1	559.06	2.3%	2.3%	0.5%	5.4%	3.1%	3.5%	0.5%
Incidents_2+	800.44	0.2%	0.6%	0.3%	2.0%	1.4%	1.9%	0.3%
Physically Disabled Composite	\$2,326.31	\$2,384.41	\$2,554.77	\$2,742.26	\$2,766.81	\$2,178.30	\$2,220.58	\$2,742.26

Exhibit D2Aiii
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
SNF	503.14	17.3%	31.6%	37.4%	6.4%	28.8%	31.6%	22.6%	37.4%
Vent Dependent	7,306.54	0.0%	0.0%	3.5%	0.0%	0.0%	0.0%	0.0%	3.5%
Number of IADLs (Grid Component)									
IADL_1	0.00	34.3%	19.0%	10.0%	14.1%	27.9%	19.0%	18.9%	10.0%
IADL_2	158.36	40.4%	40.1%	15.9%	16.9%	16.9%	40.1%	7.8%	15.9%
IADL_3	293.78	0.0%	18.6%	19.7%	33.8%	24.7%	18.6%	28.8%	19.7%
IADL_4	474.98	13.8%	11.0%	20.5%	28.9%	8.5%	11.0%	31.0%	20.5%
IADL_5	693.30	11.5%	11.4%	22.3%	0.8%	13.7%	11.4%	8.7%	22.3%
IADL_6	840.69	0.0%	0.0%	11.6%	5.6%	8.4%	0.0%	4.7%	11.6%
Specific ADLs / Equipment Used (Add-On)									
Bathing_2	308.92	27.7%	67.1%	50.3%	45.7%	31.3%	67.1%	38.6%	50.3%
Transfer_2	807.11	27.7%	30.0%	38.5%	12.0%	16.7%	30.0%	26.2%	38.5%
Interaction Terms (Add-On)									
Injury_Overnight_Mental Illness	1,997.08	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.7%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%
Overnight_Alzheimers_Dementia_Decision Making	336.28	0.0%	5.1%	21.1%	18.4%	13.7%	5.1%	5.9%	21.1%
Overnight_Mental Illness	447.41	6.9%	8.0%	9.3%	5.6%	3.8%	8.0%	0.0%	9.3%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	1.0%
Dress_Bath	168.77	76.9%	59.1%	69.0%	45.7%	46.9%	59.1%	68.2%	69.0%
Vent Dependent_Tracheostomy	4,520.56	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.5%
Transfer_Equip_Mobility	582.06	13.8%	10.1%	13.4%	0.0%	12.2%	10.1%	4.7%	13.4%
Behavioral Variables (Add-On)									
Offensive_1	625.62	0.0%	4.6%	5.1%	0.0%	1.5%	4.6%	3.1%	5.1%
Offensive_2	744.04	0.0%	0.0%	1.9%	0.0%	1.5%	0.0%	0.0%	1.9%
Offensive_3	1,335.59	0.0%	0.0%	1.3%	5.6%	2.3%	0.0%	0.0%	1.3%
Wander_2	293.95	0.0%	0.0%	3.9%	5.6%	0.0%	0.0%	0.0%	3.9%
Mental Health_2	87.06	86.2%	55.3%	60.4%	82.3%	62.7%	55.3%	67.4%	60.4%
Alcohol Drug Abuse	179.70	13.8%	22.4%	14.1%	0.0%	15.2%	22.4%	20.5%	14.1%
Medication Use (Add-On)									
Meds_2B	286.87	15.0%	17.3%	39.7%	17.6%	20.4%	17.3%	5.6%	39.7%
Health Related Services (Add-On)									
Exercise	264.94	0.0%	19.0%	30.3%	0.0%	8.4%	19.0%	6.3%	30.3%
Ulcer Stage 2-3-4	954.02	0.0%	7.6%	6.0%	0.0%	8.4%	7.6%	7.4%	6.0%
Overnight	264.48	45.8%	45.6%	65.9%	18.4%	45.8%	45.6%	63.3%	65.9%
Urinary	572.55	13.8%	21.1%	6.6%	0.0%	5.3%	21.1%	6.8%	6.6%
Wound	385.18	13.8%	10.1%	8.2%	0.0%	3.6%	10.1%	2.7%	8.2%
Tracheostomy	3,424.78	0.0%	0.0%	3.5%	0.0%	0.0%	0.0%	0.0%	3.5%
Reposition	801.74	11.5%	15.2%	23.0%	0.0%	11.4%	15.2%	7.3%	23.0%
Diagnoses (Add-On)									
Alzheimers	135.34	0.0%	0.4%	11.1%	6.4%	4.6%	0.4%	2.6%	11.1%
New Variables									
Bath_Position	71.47	76.9%	74.3%	80.6%	93.6%	87.8%	74.3%	83.4%	80.6%
Incidents									
Incidents_0	0.00	100.0%	96.5%	96.5%	93.6%	100.0%	96.5%	98.3%	96.5%
Incidents_1	559.06	0.0%	2.6%	2.6%	6.4%	0.0%	2.6%	1.7%	2.6%
Incidents_2+	800.44	0.0%	0.9%	0.9%	0.9%	0.0%	0.9%	0.0%	0.9%
Physically Disabled Composite	\$2,326.31	\$2,042.22	\$2,487.69	\$3,392.77	\$1,776.29	\$2,164.75	\$2,487.69	\$2,170.38	\$3,392.77

Exhibit D2BI
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
SNF	503.14	22.7%	25.5%	20.5%	21.9%	23.3%	25.3%	27.3%	26.2%	20.2%	22.2%	20.3%	20.4%	22.1%	28.2%
Vent Dependent	7,306.54	0.6%	1.6%	0.7%	0.0%	1.4%	1.4%	3.1%	1.0%	0.7%	0.2%	0.0%	1.3%	1.4%	1.2%
Number of IADLs (Grid Component)															
IADL_1	0.00	14.8%	15.5%	23.5%	20.8%	12.4%	12.8%	15.5%	14.6%	15.1%	13.6%	13.6%	14.8%	17.2%	15.5%
IADL_2	158.36	21.4%	21.2%	23.0%	19.5%	20.2%	17.7%	16.2%	18.1%	13.7%	23.4%	20.5%	25.0%	26.1%	21.4%
IADL_3	293.78	20.6%	22.8%	21.3%	22.3%	18.2%	22.3%	20.1%	18.8%	19.0%	21.5%	21.4%	22.3%	17.7%	23.3%
IADL_4	474.98	17.0%	13.7%	17.6%	13.2%	17.3%	19.3%	13.9%	21.8%	17.6%	17.3%	16.4%	14.5%	16.8%	13.2%
IADL_5	693.30	19.0%	18.4%	10.3%	18.5%	22.5%	21.6%	22.0%	21.7%	30.1%	19.5%	22.4%	15.6%	13.6%	18.9%
IADL_6	840.69	7.2%	8.4%	4.4%	5.7%	9.4%	6.4%	12.3%	5.0%	4.4%	4.7%	5.6%	7.7%	8.7%	7.7%
Specific ADLs / Equipment Used (Add-On)															
Bathing_2	308.92	29.2%	34.4%	20.5%	25.1%	34.6%	38.6%	44.3%	40.3%	28.0%	29.9%	24.7%	27.8%	29.2%	33.7%
Transfer_2	807.11	18.2%	22.5%	10.3%	16.9%	23.0%	23.4%	22.7%	24.7%	16.0%	16.9%	15.7%	23.6%	19.9%	22.6%
Interaction Terms (Add-On)															
Injury_Overnight_Mental Illness	1,997.08	0.3%	0.3%	0.7%	0.7%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.5%	0.3%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.5%	0.5%	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	2.1%	0.3%	0.2%	0.6%	0.5%	0.6%
Overnight_Alzheimers_Dementia_Decision Making	336.28	17.6%	21.7%	10.3%	15.6%	18.0%	16.4%	26.4%	17.1%	16.5%	16.2%	16.3%	20.8%	15.3%	22.3%
Overnight_Mental Illness	447.41	8.9%	8.6%	3.7%	5.5%	8.1%	8.9%	10.3%	10.6%	10.3%	8.8%	8.6%	9.0%	7.6%	9.0%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.8%	1.1%	0.7%	1.0%	1.4%	0.0%	0.8%	0.0%	0.0%	0.4%	1.4%	1.3%	1.4%	0.9%
Dress_Bath	168.77	65.0%	65.0%	50.0%	66.9%	68.2%	71.2%	58.0%	72.4%	70.4%	68.2%	57.7%	60.3%	64.8%	66.8%
Vent Dependent_Tracheostomy	4,520.56	0.2%	0.0%	0.0%	0.0%	0.4%	0.4%	1.5%	0.5%	0.7%	0.1%	0.0%	0.0%	0.7%	0.0%
Transfer_Equip_Mobility	582.06	5.3%	8.9%	5.1%	6.3%	8.1%	7.8%	5.4%	7.1%	5.5%	3.8%	3.5%	6.3%	5.1%	9.0%
Behavioral Variables (Add-On)															
Offensive_1	625.62	2.1%	1.6%	2.9%	1.3%	3.6%	2.1%	3.1%	2.0%	0.7%	1.5%	2.7%	1.9%	2.2%	1.6%
Offensive_2	744.04	1.8%	3.4%	0.0%	1.2%	3.1%	1.5%	4.1%	1.5%	2.7%	1.6%	0.8%	1.3%	1.4%	4.0%
Offensive_3	1,335.59	1.2%	1.5%	0.7%	1.7%	1.7%	1.1%	1.5%	1.5%	2.7%	0.0%	0.7%	1.9%	1.0%	1.8%
Wander_2	293.95	0.9%	1.3%	0.7%	1.2%	1.3%	0.7%	1.0%	0.5%	0.7%	0.8%	0.5%	1.9%	1.0%	1.2%
Mental Health_2	87.06	75.5%	81.4%	78.3%	76.1%	78.2%	78.2%	87.6%	77.1%	75.6%	67.1%	82.9%	82.1%	72.6%	82.9%
Alcohol Drug Abuse	179.70	22.3%	21.3%	19.4%	18.8%	19.2%	14.3%	20.1%	14.3%	17.8%	22.6%	25.5%	22.5%	18.3%	21.6%
Medication Use (Add-On)															
Meds_2B	286.87	34.5%	33.6%	24.2%	27.5%	32.7%	35.4%	35.0%	37.3%	37.9%	37.9%	26.0%	33.5%	33.2%	34.2%
Health Related Services (Add-On)															
Exercise	264.94	10.4%	14.7%	5.9%	10.7%	15.4%	12.1%	13.2%	12.1%	16.3%	11.9%	4.9%	9.6%	9.3%	14.3%
Ulcer Stage 2-3-4	954.02	2.4%	4.1%	0.7%	1.4%	1.8%	4.3%	2.3%	4.0%	2.1%	2.2%	1.6%	0.6%	3.6%	4.6%
Overnight	264.48	68.5%	76.5%	52.9%	74.6%	73.7%	67.8%	59.0%	68.4%	56.2%	72.3%	62.1%	63.4%	60.4%	80.1%
Urinary	572.55	2.9%	5.3%	0.7%	3.8%	4.3%	5.0%	5.4%	6.0%	1.4%	1.3%	2.3%	0.6%	2.9%	5.9%
Wound	385.18	4.6%	5.5%	5.9%	7.4%	5.3%	4.6%	2.3%	3.5%	6.9%	3.4%	4.5%	4.7%	4.7%	6.1%
Tracheostomy	3,424.78	0.8%	0.8%	0.7%	0.0%	1.8%	1.1%	4.6%	1.0%	1.4%	0.5%	0.5%	0.0%	1.7%	0.9%
Reposition	801.74	7.5%	11.8%	2.9%	5.7%	9.7%	11.7%	9.3%	12.6%	9.6%	6.0%	5.6%	5.8%	8.3%	11.8%
Diagnoses (Add-On)															
Alzheimers	135.34	9.4%	10.2%	5.9%	7.7%	13.5%	9.2%	21.4%	9.6%	10.3%	7.5%	9.6%	17.0%	8.9%	10.5%
New Variables															
Bath_Position	71.47	80.5%	78.8%	79.0%	80.5%	86.9%	85.1%	79.6%	85.4%	83.2%	76.2%	80.3%	79.8%	79.9%	80.4%
Incidents															
Incidents_0	0.00	96.8%	94.5%	94.9%	95.0%	96.8%	96.5%	93.8%	97.0%	99.3%	98.8%	97.4%	98.1%	97.2%	94.1%
Incidents_1	559.06	2.5%	4.2%	5.1%	3.6%	2.6%	3.2%	4.6%	2.5%	0.7%	1.0%	1.6%	1.3%	2.6%	4.3%
Incidents_2+	800.44	0.7%	1.4%	0.0%	1.4%	0.7%	0.4%	1.5%	0.5%	0.0%	0.2%	0.9%	0.6%	0.2%	1.6%
Physically Disabled Composite	\$2,370.63	\$2,370.63	\$2,658.60	\$1,963.32	\$2,217.34	\$2,675.65	\$2,614.48	\$2,979.03	\$2,624.26	\$2,441.95	\$2,238.94	\$2,151.87	\$2,391.17	\$2,431.10	\$2,692.34
Adjusted Physically Disabled Composite		\$2,339.76	\$2,600.06	\$1,963.32	\$2,170.96	\$2,675.65	\$2,614.48	\$2,979.03	\$2,624.26	\$2,441.95	\$2,238.94	\$2,151.87	\$2,391.17	\$2,431.10	\$2,623.08

Exhibit D2Bi
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
SNF	503.14	22.2%	21.8%	25.9%	23.6%	23.7%	26.8%	25.3%	19.8%	22.6%	25.3%	23.7%	20.2%	22.6%
Vent Dependent	7,306.54	0.2%	0.0%	1.2%	1.3%	1.6%	0.0%	1.1%	0.0%	1.4%	1.4%	1.6%	0.2%	1.1%
Number of IADLs (Grid Component)														
IADL_1	0.00	15.6%	19.5%	17.1%	12.5%	15.0%	8.3%	16.7%	13.6%	12.4%	12.8%	15.0%	13.6%	15.0%
IADL_2	158.36	18.5%	17.4%	18.0%	20.5%	15.1%	19.9%	18.6%	18.5%	21.7%	17.7%	15.1%	25.2%	28.2%
IADL_3	293.78	21.0%	24.4%	19.3%	18.9%	20.3%	22.2%	20.4%	21.3%	21.7%	22.3%	20.3%	19.5%	17.5%
IADL_4	474.98	19.2%	13.4%	16.6%	16.8%	16.4%	19.0%	16.5%	17.6%	18.8%	19.3%	16.4%	16.9%	16.9%
IADL_5	693.30	19.1%	20.2%	18.8%	21.6%	25.5%	19.3%	18.0%	22.5%	19.1%	21.6%	25.5%	17.5%	13.4%
IADL_6	840.69	6.7%	5.1%	10.3%	9.7%	7.7%	11.2%	9.9%	6.5%	6.2%	6.4%	7.7%	7.4%	9.0%
Specific ADLs / Equipment Used (Add-On)														
Bathing_2	308.92	23.0%	25.7%	31.6%	34.2%	34.3%	28.1%	30.8%	26.7%	29.3%	38.6%	34.3%	27.7%	28.0%
Transfer_2	807.11	14.7%	16.8%	17.5%	22.3%	19.0%	16.3%	17.7%	15.9%	25.1%	23.4%	19.0%	18.0%	19.4%
Interaction Terms (Add-On)														
Injury_Overnight_Mental Illness	1,997.08	0.5%	0.9%	0.4%	0.7%	0.0%	0.0%	0.4%	0.0%	1.4%	0.0%	0.0%	0.2%	0.4%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.3%	0.6%	0.8%	0.6%	1.0%	0.9%	0.8%	0.3%	0.5%	0.0%	1.0%	0.3%	0.4%
Overnight_Alzheimers_Dementia_Decision Making	336.28	18.6%	15.4%	19.9%	18.4%	21.5%	20.5%	19.0%	16.0%	18.8%	16.4%	21.5%	16.6%	15.7%
Overnight_Mental Illness	447.41	8.9%	6.3%	8.9%	8.2%	10.3%	12.7%	8.7%	8.5%	8.0%	8.9%	10.3%	9.7%	8.1%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.7%	0.9%	1.0%	1.3%	0.3%	1.2%	1.0%	1.2%	0.9%	0.0%	0.3%	0.8%	1.1%
Dress_Bath	168.77	53.3%	69.0%	59.5%	67.4%	65.6%	60.7%	59.7%	56.1%	62.6%	71.2%	65.6%	73.1%	66.2%
Vent Dependent_Tracheostomy	4,520.56	0.2%	0.0%	0.4%	0.3%	1.0%	0.0%	0.4%	0.0%	0.0%	0.4%	1.0%	0.1%	0.6%
Transfer_Equip_Mobility	582.06	5.9%	6.4%	4.2%	8.2%	5.3%	3.6%	4.4%	4.1%	6.5%	7.8%	5.3%	4.6%	4.8%
Behavioral Variables (Add-On)														
Offensive_1	625.62	3.3%	1.7%	1.2%	3.4%	1.6%	3.3%	1.1%	2.9%	1.9%	2.1%	1.6%	1.6%	2.1%
Offensive_2	744.04	1.8%	1.5%	2.4%	3.3%	3.1%	3.3%	2.3%	1.0%	1.4%	1.5%	3.1%	0.9%	1.5%
Offensive_3	1,335.59	1.1%	1.2%	1.4%	1.6%	2.0%	3.3%	1.3%	0.6%	1.9%	1.1%	2.0%	0.9%	1.1%
Wander_2	293.95	1.1%	1.0%	1.6%	1.6%	0.8%	1.5%	1.5%	0.3%	2.8%	0.7%	0.8%	0.3%	0.8%
Mental Health_2	87.06	81.5%	77.5%	82.4%	79.1%	81.7%	80.6%	82.2%	83.5%	80.5%	78.2%	81.7%	66.6%	72.9%
Alcohol Drug Abuse	179.70	27.0%	17.8%	22.6%	19.1%	19.4%	35.7%	22.5%	25.8%	20.9%	14.3%	19.4%	22.3%	17.2%
Medication Use (Add-On)														
Meds_2B	286.87	38.1%	29.1%	32.9%	33.1%	36.4%	46.4%	31.7%	24.4%	30.1%	35.4%	36.4%	34.4%	33.5%
Health Related Services (Add-On)														
Exercise	264.94	11.2%	11.9%	13.4%	15.0%	13.4%	13.9%	13.3%	5.3%	11.4%	12.1%	13.4%	5.2%	9.1%
Ulcer Stage 2-3-4	954.02	3.1%	1.2%	2.7%	2.3%	2.0%	3.0%	3.0%	1.8%	0.5%	4.3%	2.0%	1.7%	3.2%
Overnight	264.48	59.5%	78.2%	70.8%	73.9%	59.0%	62.2%	70.9%	63.3%	65.4%	67.8%	59.0%	73.4%	64.0%
Urinary	572.55	4.4%	3.6%	3.6%	4.3%	3.0%	2.1%	3.6%	2.6%	0.9%	5.0%	3.0%	1.7%	2.8%
Wound	385.18	5.5%	8.3%	5.5%	4.9%	4.9%	4.2%	5.4%	4.5%	4.4%	4.6%	4.9%	2.9%	4.5%
Tracheostomy	3,424.78	0.3%	0.0%	1.4%	1.6%	2.6%	0.0%	1.3%	0.6%	0.5%	1.1%	2.6%	0.3%	1.3%
Reposition	801.74	8.2%	6.0%	9.5%	9.7%	9.2%	4.8%	9.1%	5.9%	5.7%	11.7%	9.2%	6.1%	7.6%
Diagnoses (Add-On)														
Alzheimers	135.34	8.7%	6.7%	10.4%	13.5%	16.0%	12.7%	10.0%	10.1%	15.0%	9.2%	16.0%	7.2%	9.2%
New Variables														
Bath_Position	71.47	85.6%	81.2%	79.6%	86.5%	81.6%	80.1%	79.3%	79.7%	82.7%	85.1%	81.6%	79.2%	79.9%
Incidents														
Incidents_0	0.00	95.8%	94.6%	96.2%	96.3%	96.7%	93.7%	95.8%	97.4%	98.1%	96.5%	96.7%	98.0%	97.6%
Incidents_1	559.06	2.7%	4.2%	2.6%	2.4%	2.6%	5.1%	3.0%	1.8%	1.4%	3.2%	2.6%	1.9%	2.2%
Incidents_2+	800.44	1.5%	1.2%	1.2%	1.3%	0.7%	1.2%	1.1%	0.9%	0.5%	0.4%	0.7%	0.2%	0.2%
Physically Disabled Composite	\$2,370.63	\$2,307.68	\$2,256.48	\$2,527.61	\$2,661.03	\$2,650.55	\$2,455.90	\$2,498.31	\$2,177.73	\$2,449.39	\$2,614.48	\$2,650.55	\$2,231.71	\$2,388.25
Adjusted Physically Disabled Composite		\$2,248.31	\$2,198.43	\$2,462.58	\$2,656.60	\$2,648.93	\$2,392.72	\$2,437.23	\$2,177.73	\$2,449.39	\$2,614.48	\$2,648.93	\$2,231.71	\$2,388.25

Exhibit D2Bii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
Physically Disabled

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
SNF	503.14	22.6%	22.6%	34.4%	32.5%	21.7%	21.9%	25.7%
Vent Dependent	7,306.54	1.1%	1.1%	0.0%	0.4%	0.3%	0.0%	1.5%
Number of IADLs (Grid Component)								
IADL_1	0.00	15.0%	14.6%	15.1%	7.4%	16.9%	20.8%	19.5%
IADL_2	158.36	28.2%	16.4%	9.8%	14.7%	19.3%	19.5%	17.6%
IADL_3	293.78	17.5%	20.2%	26.3%	18.2%	21.1%	22.3%	10.7%
IADL_4	474.98	16.9%	19.4%	17.4%	18.4%	18.5%	13.2%	17.4%
IADL_5	693.30	13.4%	21.4%	20.9%	31.7%	17.7%	18.5%	19.7%
IADL_6	840.69	9.0%	8.0%	10.4%	9.7%	6.4%	5.7%	15.1%
Specific ADLs / Equipment Used (Add-On)								
Bathing_2	308.92	28.0%	35.9%	40.0%	41.1%	22.7%	25.1%	31.8%
Transfer_2	807.11	19.4%	26.0%	33.3%	27.2%	14.0%	16.9%	22.7%
Interaction Terms (Add-On)								
Injury_Overnight_Mental Illness	1,997.08	0.4%	0.0%	0.0%	0.0%	0.5%	0.7%	0.0%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.4%	0.7%	0.0%	0.4%	0.3%	0.5%	0.0%
Overnight_Alzheimers_Dementia_Decision Making	336.28	15.7%	19.2%	19.1%	24.1%	17.2%	15.6%	21.2%
Overnight_Mental Illness	447.41	8.1%	4.0%	3.5%	14.1%	8.0%	5.5%	3.0%
Spinal Injury_Alcohol/Drug Abuse	675.55	1.1%	0.0%	0.0%	0.4%	0.7%	1.0%	0.0%
Dress_Bath	168.77	66.2%	73.0%	64.6%	70.5%	53.1%	66.9%	49.9%
Vent Dependent_Tracheostomy	4,520.56	0.6%	0.7%	0.0%	0.0%	0.1%	0.0%	0.0%
Transfer_Equip_Mobility	582.06	4.8%	8.8%	7.0%	9.3%	5.8%	6.3%	9.1%
Behavioral Variables (Add-On)								
Offensive_1	625.62	2.1%	0.7%	1.7%	2.0%	3.2%	1.3%	1.5%
Offensive_2	744.04	1.5%	1.5%	3.5%	2.8%	1.4%	1.2%	1.5%
Offensive_3	1,335.59	1.1%	0.4%	0.0%	1.6%	1.1%	1.7%	1.5%
Wander_2	293.95	0.8%	1.1%	1.7%	3.2%	1.1%	1.2%	0.0%
Mental Health_2	87.06	72.9%	74.3%	70.8%	79.9%	81.0%	76.1%	60.7%
Alcohol Drug Abuse	179.70	17.2%	14.7%	12.2%	16.1%	25.8%	18.8%	13.9%
Medication Use (Add-On)								
Meds_2B	286.87	33.5%	35.3%	33.1%	31.3%	35.3%	27.5%	33.2%
Health Related Services (Add-On)								
Exercise	264.94	9.1%	10.2%	22.6%	13.7%	10.6%	10.7%	12.1%
Ulcer Stage 2-3-4	954.02	3.2%	4.4%	11.5%	2.0%	2.8%	1.4%	0.0%
Overnight	264.48	64.0%	71.9%	68.2%	79.3%	58.8%	74.6%	80.7%
Urinary	572.55	2.8%	3.3%	3.5%	4.0%	3.9%	3.8%	1.5%
Wound	385.18	4.5%	3.3%	5.2%	6.7%	5.5%	7.4%	1.5%
Tracheostomy	3,424.78	1.3%	1.1%	0.0%	0.8%	0.4%	0.0%	1.5%
Reposition	801.74	7.6%	9.5%	10.4%	9.9%	7.4%	5.7%	12.1%
Diagnoses (Add-On)								
Alzheimers	135.34	9.2%	9.0%	7.0%	8.4%	8.3%	7.7%	15.0%
New Variables								
Bath_Position	71.47	79.9%	84.8%	79.5%	79.8%	84.2%	80.5%	66.6%
Incidents								
Incidents_0	0.00	97.6%	96.7%	96.5%	93.6%	95.7%	95.0%	97.0%
Incidents_1	559.06	2.2%	2.2%	3.5%	5.2%	3.1%	3.6%	0.0%
Incidents_2+	800.44	0.2%	1.1%	0.0%	1.2%	1.2%	1.4%	3.0%
Physically Disabled Composite	\$2,370.63	\$2,388.25	\$2,568.12	\$2,634.67	\$2,760.00	\$2,250.04	\$2,217.34	\$2,514.80
Adjusted Physically Disabled Composite		\$2,388.25	\$2,568.12	\$2,566.89	\$2,760.00	\$2,202.45	\$2,170.96	\$2,514.80

Exhibit D2Biii
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 June 2018 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
 Physically Disabled

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	651.53	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
SNF	503.14	15.4%	31.8%	38.9%	15.4%	29.1%	31.8%	29.1%	38.9%
Vent Dependent	7,306.54	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.5%
Number of IADLs (Grid Component)									
IADL_1	0.00	7.7%	9.1%	6.6%	7.7%	7.0%	9.1%	7.0%	6.6%
IADL_2	158.36	46.2%	45.5%	12.3%	46.2%	13.0%	45.5%	13.0%	12.3%
IADL_3	293.78	15.4%	22.7%	13.8%	15.4%	21.1%	22.7%	21.1%	13.8%
IADL_4	474.98	7.7%	9.1%	20.4%	7.7%	26.5%	9.1%	26.5%	20.4%
IADL_5	693.30	23.1%	13.6%	34.5%	23.1%	17.8%	13.6%	17.8%	34.5%
IADL_6	840.69	0.0%	0.0%	12.3%	0.0%	14.6%	0.0%	14.6%	12.3%
Specific ADLs / Equipment Used (Add-On)									
Bathing_2	308.92	46.2%	68.2%	56.9%	46.2%	38.9%	68.2%	38.9%	56.9%
Transfer_2	807.11	15.4%	27.3%	35.9%	15.4%	19.4%	27.3%	19.4%	35.9%
Interaction Terms (Add-On)									
Injury_Overnight_Mental Illness	1,997.08	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Offensive_2_Mobility_1_Age 60 and Under	691.54	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	1.9%
Overnight_Alzheimers_Dementia_Decision Making	336.28	0.0%	4.5%	33.7%	0.0%	27.6%	4.5%	27.6%	33.7%
Overnight_Mental Illness	447.41	7.7%	13.6%	15.2%	7.7%	4.9%	13.6%	4.9%	15.2%
Spinal Injury_Alcohol/Drug Abuse	675.55	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	1.9%
Dress_Bath	168.77	76.9%	54.5%	72.9%	76.9%	72.8%	54.5%	72.8%	72.9%
Vent Dependent_Tracheostomy	4,520.56	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transfer_Equip_Mobility	582.06	15.4%	9.1%	13.1%	15.4%	3.2%	9.1%	3.2%	13.1%
Behavioral Variables (Add-On)									
Offensive_1	625.62	0.0%	4.5%	3.9%	0.0%	3.2%	4.5%	3.2%	3.9%
Offensive_2	744.04	0.0%	0.0%	4.9%	0.0%	1.6%	0.0%	1.6%	4.9%
Offensive_3	1,335.59	0.0%	0.0%	1.9%	0.0%	1.6%	0.0%	1.6%	1.9%
Wander_2	293.95	0.0%	0.0%	7.8%	0.0%	0.0%	0.0%	0.0%	7.8%
Mental Health_2	87.06	76.9%	59.1%	66.6%	76.9%	76.9%	59.1%	76.9%	66.6%
Alcohol Drug Abuse	179.70	7.7%	18.2%	16.0%	7.7%	25.9%	18.2%	25.9%	16.0%
Medication Use (Add-On)									
Meds_2B	286.87	23.1%	18.2%	53.0%	23.1%	26.6%	18.2%	26.6%	53.0%
Health Related Services (Add-On)									
Exercise	264.94	7.7%	18.2%	22.1%	7.7%	11.3%	18.2%	11.3%	22.1%
Ulcer Stage 2-3-4	954.02	0.0%	9.1%	1.9%	0.0%	3.2%	9.1%	3.2%	1.9%
Overnight	264.48	61.5%	54.5%	78.8%	61.5%	83.3%	54.5%	83.3%	78.8%
Urinary	572.55	7.7%	22.7%	3.6%	7.7%	4.9%	22.7%	4.9%	3.6%
Wound	385.18	7.7%	9.1%	7.6%	7.7%	11.3%	9.1%	11.3%	7.6%
Tracheostomy	3,424.78	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	1.9%
Reposition	801.74	7.7%	13.6%	15.3%	7.7%	6.5%	13.6%	6.5%	15.3%
Diagnoses (Add-On)									
Alzheimers	135.34	0.0%	0.0%	13.3%	0.0%	4.9%	0.0%	4.9%	13.3%
New Variables									
Bath_Position	71.47	84.6%	68.2%	84.6%	84.6%	87.0%	68.2%	87.0%	84.6%
Incidents									
Incidents_0	0.00	100.0%	96.8%	99.0%	100.0%	100.0%	96.8%	100.0%	99.0%
Incidents_1	559.06	0.0%	2.5%	1.0%	0.0%	0.0%	2.5%	0.0%	1.0%
Incidents_2+	800.44	0.0%	0.7%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%
Physically Disabled Composite	\$2,370.63	\$2,090.23	\$2,526.90	\$3,211.82	\$2,090.23	\$2,503.13	\$2,526.90	\$2,503.13	\$3,211.82
Adjusted Physically Disabled Composite		\$2,075.77	\$2,526.90	\$3,211.82	\$2,075.77	\$2,467.03	\$2,526.90	\$2,467.03	\$3,211.82

Exhibit D3Ai
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
SNF	394.08	22.5%	25.0%	19.3%	27.6%	23.6%	21.1%	23.3%	20.4%	26.0%	21.8%	22.0%	20.7%	18.6%	25.6%
Vent Dependent	3,062.54	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%
Number of IADLs (Grid Component)															
IADL_1	0.00	7.0%	6.5%	15.9%	10.1%	5.5%	4.3%	4.4%	3.8%	2.9%	6.6%	4.1%	6.0%	8.8%	6.2%
IADL_2	223.90	12.2%	11.0%	18.0%	12.6%	11.6%	8.9%	7.8%	8.5%	7.3%	13.2%	8.0%	10.3%	9.6%	10.6%
IADL_3	457.15	12.8%	12.9%	18.9%	15.2%	12.1%	10.8%	9.4%	11.6%	12.2%	13.2%	10.5%	12.1%	12.0%	12.9%
IADL_4-5-6	779.96	67.9%	69.5%	47.2%	62.0%	70.8%	76.0%	78.5%	76.1%	77.6%	67.0%	77.4%	71.5%	69.6%	70.3%
Specific ADLs / Equipment Used (Add-On)															
Transfer_2	587.63	27.2%	26.7%	17.9%	25.8%	29.9%	32.5%	36.1%	33.1%	28.4%	26.6%	28.6%	27.5%	25.8%	27.3%
Bathing_2	185.61	55.7%	58.7%	39.8%	50.9%	67.3%	64.8%	74.9%	66.1%	59.9%	51.2%	56.2%	50.0%	53.4%	60.0%
Interaction Terms (Add-On)															
Dress_Toilet	303.38	57.6%	59.1%	49.9%	53.5%	63.8%	63.6%	65.5%	63.8%	55.4%	58.4%	57.5%	55.9%	55.8%	59.4%
Injury_Overnight_Mental Illness	1,536.41	0.1%	0.5%	0.0%	0.3%	0.0%	0.2%	0.0%	0.2%	0.4%	0.0%	0.0%	0.1%	0.3%	0.5%
Overnight_Mental Illness	300.81	8.8%	9.1%	5.1%	6.6%	12.0%	11.5%	8.1%	12.0%	14.6%	7.1%	12.7%	7.3%	7.1%	9.6%
Seizure_Post-22_Depression	146.15	1.7%	1.3%	0.8%	1.5%	1.3%	1.6%	1.0%	2.0%	2.2%	2.4%	2.2%	1.9%	3.4%	1.3%
Trauma BI Post-22_Other Mental Illness	605.70	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.2%
Transfer_Equip_Mobility	653.42	7.5%	6.8%	7.3%	10.1%	8.4%	7.2%	7.3%	6.9%	7.5%	5.4%	8.9%	7.4%	5.7%	7.3%
Behavioral Variables (Add-On)															
Offensive_3	466.76	1.4%	2.3%	0.7%	1.2%	1.8%	1.5%	0.9%	1.8%	2.4%	0.9%	0.7%	1.5%	1.4%	2.4%
Offensive_1-2	330.01	5.2%	7.5%	6.0%	5.6%	8.7%	4.7%	6.3%	3.5%	5.0%	2.5%	4.6%	4.2%	3.8%	7.5%
Mental Health_2	159.00	59.7%	63.1%	54.3%	62.7%	58.3%	59.1%	56.2%	59.8%	60.3%	49.2%	60.5%	59.8%	59.5%	64.1%
Alcohol Drug Abuse	193.66	6.5%	7.1%	6.6%	5.4%	5.3%	3.8%	3.5%	4.6%	5.6%	8.2%	8.1%	6.9%	7.0%	7.4%
Health Related Services (Add-On)															
Exercise	182.57	7.6%	9.8%	7.7%	11.8%	12.8%	4.6%	6.5%	4.3%	7.8%	8.7%	5.4%	5.3%	4.8%	10.2%
Ulcer Stage 2	159.66	1.0%	0.9%	0.6%	1.2%	1.3%	1.9%	0.8%	2.0%	1.0%	1.2%	0.3%	0.7%	0.7%	0.8%
Ulcer Stage 3-4	642.01	0.6%	0.5%	1.0%	0.8%	0.5%	0.5%	0.4%	0.4%	0.6%	0.7%	0.4%	0.4%	0.6%	0.5%
Respirate	112.08	7.7%	9.1%	6.2%	10.2%	10.2%	8.8%	7.5%	9.3%	7.9%	6.5%	8.4%	9.5%	6.0%	9.4%
Overnight	360.54	77.0%	81.7%	65.6%	74.8%	83.9%	83.3%	86.8%	83.0%	81.0%	74.1%	84.9%	77.5%	75.4%	82.4%
Urinary	292.04	0.8%	0.7%	1.0%	0.9%	1.1%	0.5%	1.0%	0.6%	1.4%	1.0%	1.0%	0.6%	0.6%	0.8%
Tracheostomy	1,206.10	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	0.2%
Reposition	402.15	7.3%	5.7%	2.5%	8.2%	6.4%	7.1%	6.0%	7.9%	8.2%	8.1%	7.3%	5.5%	5.4%	6.1%
Diagnoses (Add-On)															
Alzheimers	265.81	40.6%	43.5%	26.9%	35.2%	42.0%	46.0%	49.8%	46.5%	48.0%	38.7%	40.9%	41.6%	49.8%	43.9%
Mental Illness	108.00	23.0%	22.0%	25.5%	16.1%	22.6%	25.0%	17.3%	26.9%	35.0%	19.6%	31.6%	18.9%	18.4%	22.8%
New Variables															
Bath_Position	164.78	90.4%	89.4%	88.1%	88.3%	91.4%	92.6%	91.9%	93.7%	94.0%	85.0%	90.1%	94.6%	90.5%	89.8%
Incidents															
Incidents_0	0.00	98.5%	97.8%	98.1%	97.5%	98.4%	98.7%	99.5%	98.5%	99.1%	98.8%	98.5%	99.2%	99.6%	97.6%
Incidents_1+	436.83	1.5%	2.2%	1.9%	2.5%	1.6%	1.3%	0.5%	1.5%	0.9%	1.2%	1.5%	0.8%	0.4%	2.4%
Frail Elderly Composite	\$2,521.26	\$2,521.26	\$2,591.87	\$2,155.72	\$2,477.49	\$2,658.05	\$2,660.75	\$2,725.70	\$2,676.74	\$2,687.51	\$2,435.84	\$2,632.26	\$2,501.46	\$2,470.91	\$2,623.53

Exhibit D3Ai
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 2017 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
SNF	394.08	23.7%	28.7%	25.0%	24.3%	24.7%	21.7%	25.0%	22.3%	21.3%	21.1%	24.7%	20.3%	18.4%
Vent Dependent	3,062.54	0.0%	0.0%	0.2%	0.0%	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%
Number of IADLs (Grid Component)														
IADL_1	0.00	8.8%	9.5%	6.0%	6.0%	4.2%	5.7%	6.1%	4.1%	5.8%	4.3%	4.2%	8.4%	8.3%
IADL_2	223.90	13.0%	12.0%	10.5%	11.2%	7.5%	9.9%	10.5%	7.9%	10.7%	8.9%	7.5%	17.0%	9.5%
IADL_3	457.15	13.1%	15.2%	10.1%	12.1%	10.4%	13.6%	10.1%	10.2%	11.7%	10.8%	10.4%	14.8%	12.4%
IADL_4-5-6	779.96	65.0%	63.3%	73.4%	70.6%	77.9%	70.8%	73.2%	77.9%	71.8%	76.0%	77.9%	59.8%	69.8%
Specific ADLs / Equipment Used (Add-On)														
Transfer_2	587.63	21.9%	26.8%	28.4%	29.7%	32.9%	26.3%	28.3%	28.7%	27.6%	32.5%	32.9%	26.4%	25.8%
Bathing_2	185.61	50.1%	52.6%	60.1%	66.2%	67.9%	58.0%	59.9%	57.4%	50.2%	64.8%	67.9%	51.1%	53.2%
Interaction Terms (Add-On)														
Dress_Toilet	303.38	44.9%	54.1%	60.3%	63.2%	61.4%	53.4%	60.2%	57.0%	55.3%	63.6%	61.4%	59.9%	56.8%
Injury_Overnight_Mental Illness	1,536.41	0.1%	0.3%	0.1%	0.0%	0.2%	0.2%	0.1%	0.0%	0.2%	0.2%	0.2%	0.0%	0.3%
Overnight_Mental Illness	300.81	9.4%	6.8%	8.1%	11.8%	11.0%	9.2%	8.0%	12.8%	7.1%	11.5%	11.0%	7.3%	8.1%
Seizure_Post-22_Depression	146.15	1.1%	1.5%	0.9%	1.3%	1.5%	0.7%	0.9%	1.7%	1.8%	1.6%	1.5%	2.2%	3.4%
Trauma BI Post-22_Other Mental Illness	605.70	0.2%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%
Transfer_Equip_Mobility	653.42	9.0%	10.7%	7.6%	8.2%	7.6%	6.4%	7.5%	9.3%	6.9%	7.2%	7.6%	7.2%	5.6%
Behavioral Variables (Add-On)														
Offensive_3	466.76	1.8%	1.2%	2.2%	1.8%	1.5%	1.8%	2.2%	0.6%	1.3%	1.5%	1.5%	0.9%	1.5%
Offensive_1-2	330.01	7.7%	5.5%	6.6%	8.5%	5.7%	4.6%	6.6%	5.0%	4.7%	4.7%	5.7%	3.4%	3.7%
Mental Health_2	159.00	62.7%	64.7%	62.3%	58.2%	58.5%	58.6%	62.3%	60.5%	60.2%	59.1%	58.5%	59.3%	59.2%
Alcohol Drug Abuse	193.66	8.4%	4.8%	5.7%	5.4%	4.8%	8.0%	5.7%	8.5%	6.7%	3.8%	4.8%	6.3%	7.0%
Health Related Services (Add-On)														
Exercise	182.57	14.1%	12.4%	9.1%	12.4%	6.7%	10.9%	9.0%	5.5%	5.7%	4.6%	6.7%	3.9%	4.7%
Ulcer Stage 2	159.66	1.2%	1.2%	1.3%	1.3%	0.9%	1.2%	1.3%	0.2%	0.5%	1.9%	0.9%	1.0%	0.6%
Ulcer Stage 3-4	642.01	0.4%	0.9%	0.8%	0.4%	0.5%	0.2%	0.8%	0.3%	0.4%	0.5%	0.5%	0.7%	0.6%
Respirate	112.08	7.3%	10.7%	9.3%	9.9%	7.7%	8.7%	9.3%	8.1%	9.4%	8.8%	7.7%	5.7%	6.2%
Overnight	360.54	74.8%	75.8%	79.7%	83.9%	84.2%	73.8%	79.7%	85.0%	79.6%	83.3%	84.2%	70.6%	76.3%
Urinary	292.04	0.8%	0.9%	1.2%	1.1%	1.2%	1.0%	1.1%	1.1%	0.5%	0.5%	1.2%	0.6%	0.6%
Tracheostomy	1,206.10	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.1%
Reposition	402.15	9.3%	9.1%	7.0%	6.4%	7.0%	5.6%	6.9%	7.7%	5.1%	7.1%	7.0%	8.2%	5.4%
Diagnoses (Add-On)														
Alzheimers	265.81	34.7%	35.4%	39.8%	41.7%	49.2%	38.1%	39.7%	41.5%	41.7%	46.0%	49.2%	38.7%	48.8%
Mental Illness	108.00	23.5%	16.0%	18.9%	22.3%	25.0%	18.8%	18.9%	32.1%	19.4%	25.0%	25.0%	25.4%	19.4%
New Variables														
Bath_Position	164.78	91.7%	89.1%	89.3%	91.1%	92.7%	88.6%	89.3%	89.9%	94.4%	92.6%	92.7%	90.6%	90.2%
Incidents														
Incidents_0	0.00	98.3%	97.5%	97.3%	98.2%	99.3%	96.3%	97.4%	98.6%	99.2%	98.7%	99.3%	99.4%	99.5%
Incidents_1+	436.83	1.7%	2.5%	2.7%	1.8%	0.7%	3.7%	2.6%	1.4%	0.8%	1.3%	0.7%	0.6%	0.5%
Frail Elderly Composite	\$2,521.26	\$2,451.50	\$2,519.97	\$2,603.70	\$2,648.11	\$2,712.58	\$2,504.56	\$2,600.76	\$2,642.51	\$2,507.79	\$2,660.75	\$2,712.58	\$2,414.11	\$2,480.10

Exhibit D3Aii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
SNF	394.08	18.4%	21.3%	16.8%	27.0%	23.3%	27.6%	16.8%
Vent Dependent	3,062.54	0.1%	0.2%	0.5%	0.1%	0.0%	0.0%	0.5%
Number of IADLs (Grid Component)								
IADL_1	0.00	8.3%	5.2%	8.8%	5.2%	9.4%	10.1%	8.8%
IADL_2	223.90	9.5%	13.6%	15.0%	10.2%	13.4%	12.6%	15.0%
IADL_3	457.15	12.4%	14.2%	10.3%	12.8%	13.6%	15.2%	10.3%
IADL_4-5-6	779.96	69.8%	67.0%	65.9%	71.8%	63.5%	62.0%	65.9%
Specific ADLs / Equipment Used (Add-On)								
Transfer_2	587.63	25.8%	26.8%	32.0%	29.8%	21.6%	25.8%	32.0%
Bathing_2	185.61	53.2%	60.6%	62.3%	59.5%	49.3%	50.9%	62.3%
Interaction Terms (Add-On)								
Dress_Toilet	303.38	56.8%	55.5%	62.9%	65.5%	45.4%	53.5%	62.9%
Injury_Overnight_Mental Illness	1,536.41	0.3%	0.0%	0.1%	0.0%	0.1%	0.3%	0.1%
Overnight_Mental Illness	300.81	8.1%	5.2%	7.0%	9.7%	9.1%	6.6%	7.0%
Seizure_Post-22_Depression	146.15	3.4%	1.4%	3.3%	1.1%	1.1%	1.5%	3.3%
Trauma BI Post-22_Other Mental Illness	605.70	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.1%
Transfer_Equip_Mobility	653.42	5.6%	7.4%	7.4%	7.1%	8.8%	10.1%	7.4%
Behavioral Variables (Add-On)								
Offensive_3	466.76	1.5%	0.6%	1.9%	0.8%	1.7%	1.2%	1.9%
Offensive_1-2	330.01	3.7%	5.7%	5.3%	8.1%	7.6%	5.6%	5.3%
Mental Health_2	159.00	59.2%	60.0%	49.7%	57.2%	62.0%	62.7%	49.7%
Alcohol Drug Abuse	193.66	7.0%	4.3%	5.2%	6.1%	8.2%	5.4%	5.2%
Health Related Services (Add-On)								
Exercise	182.57	4.7%	6.6%	5.6%	10.0%	13.5%	11.8%	5.6%
Ulcer Stage 2	159.66	0.6%	2.1%	1.4%	1.6%	1.2%	1.2%	1.4%
Ulcer Stage 3-4	642.01	0.6%	1.1%	0.5%	0.8%	0.4%	0.8%	0.5%
Respirate	112.08	6.2%	10.1%	8.3%	8.9%	7.2%	10.2%	8.3%
Overnight	360.54	76.3%	76.9%	75.0%	83.4%	74.0%	74.8%	75.0%
Urinary	292.04	0.6%	1.0%	0.5%	1.0%	0.8%	0.9%	0.5%
Tracheostomy	1,206.10	0.1%	0.0%	1.5%	0.1%	0.0%	0.1%	1.5%
Reposition	402.15	5.4%	6.9%	7.9%	6.5%	8.7%	8.2%	7.9%
Diagnoses (Add-On)								
Alzheimers	265.81	48.8%	33.3%	37.4%	40.8%	34.1%	35.2%	37.4%
Mental Illness	108.00	19.4%	16.9%	16.7%	20.4%	23.7%	16.1%	16.7%
New Variables								
Bath_Position	164.78	90.2%	90.3%	85.5%	88.7%	91.4%	88.3%	85.5%
Incidents								
Incidents_0	0.00	99.5%	98.8%	98.6%	97.1%	98.2%	97.5%	98.6%
Incidents_1+	436.83	0.5%	1.2%	1.4%	2.9%	1.8%	2.5%	1.4%
Frail Elderly Composite	\$2,521.26	\$2,480.10	\$2,478.08	\$2,511.76	\$2,640.86	\$2,426.46	\$2,477.49	\$2,511.76

Exhibit D3Aiii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
SNF	394.08	15.2%	16.8%	27.0%	6.9%	19.2%	16.8%	13.1%	27.0%
Vent Dependent	3,062.54	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Number of IADLs (Grid Component)									
IADL_1	0.00	18.0%	13.5%	3.3%	23.4%	13.6%	13.5%	11.7%	3.3%
IADL_2	223.90	13.4%	17.6%	9.6%	22.5%	17.8%	17.6%	13.6%	9.6%
IADL_3	457.15	17.5%	17.8%	12.0%	0.9%	20.4%	17.8%	19.6%	12.0%
IADL_4-5-6	779.96	51.1%	51.1%	75.2%	53.3%	48.2%	51.1%	55.1%	75.2%
Specific ADLs / Equipment Used (Add-On)									
Transfer_2	587.63	17.0%	24.4%	30.3%	2.6%	14.2%	24.4%	14.5%	30.3%
Bathing_2	185.61	58.1%	52.2%	58.0%	36.1%	52.7%	52.2%	45.2%	58.0%
Interaction Terms (Add-On)									
Dress_Toilet	303.38	51.5%	57.8%	66.2%	37.0%	35.9%	57.8%	48.2%	66.2%
Injury_Overnight_Mental Illness	1,536.41	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	1.0%
Overnight_Mental Illness	300.81	2.6%	4.6%	8.6%	0.0%	4.1%	4.6%	2.1%	8.6%
Seizure_Post-22_Depression	146.15	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.3%	1.0%
Trauma BI Post-22_Other Mental Illness	605.70	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transfer_Equip_Mobility	653.42	0.0%	3.1%	6.6%	0.0%	4.6%	3.1%	0.4%	6.6%
Behavioral Variables (Add-On)									
Offensive_3	466.76	0.0%	0.0%	1.0%	0.0%	0.7%	0.0%	0.8%	1.0%
Offensive_1-2	330.01	0.0%	3.7%	5.2%	0.0%	5.7%	3.7%	3.7%	5.2%
Mental Health_2	159.00	53.5%	48.9%	53.7%	58.7%	53.4%	48.9%	51.4%	53.7%
Alcohol Drug Abuse	193.66	0.0%	6.6%	4.7%	0.0%	3.5%	6.6%	5.3%	4.7%
Health Related Services (Add-On)									
Exercise	182.57	1.7%	2.9%	9.7%	0.0%	4.1%	2.9%	5.7%	9.7%
Ulcer Stage 2	159.66	0.0%	2.1%	1.5%	0.0%	0.7%	2.1%	0.9%	1.5%
Ulcer Stage 3-4	642.01	0.0%	0.0%	0.9%	0.0%	0.7%	0.0%	0.7%	0.9%
Respirate	112.08	0.0%	4.8%	6.7%	0.0%	6.6%	4.8%	0.9%	6.7%
Overnight	360.54	55.8%	55.1%	82.6%	66.2%	54.2%	55.1%	64.2%	82.6%
Urinary	292.04	0.0%	1.0%	1.0%	0.0%	0.4%	1.0%	3.0%	1.0%
Tracheostomy	1,206.10	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Reposition	402.15	0.0%	0.0%	4.1%	0.0%	3.6%	0.0%	1.4%	4.1%
Diagnoses (Add-On)									
Alzheimers	265.81	36.2%	34.6%	47.7%	14.6%	29.4%	34.6%	44.9%	47.7%
Mental Illness	108.00	7.7%	14.5%	16.3%	17.3%	20.8%	14.5%	15.4%	16.3%
New Variables									
Bath_Position	164.78	93.6%	86.7%	90.5%	81.7%	91.6%	86.7%	86.3%	90.5%
Incidents									
Incidents_0	0.00	100.0%	98.5%	98.5%	94.8%	100.0%	98.5%	100.0%	98.5%
Incidents_1+	436.83	0.0%	1.5%	1.5%	5.2%	0.0%	1.5%	0.0%	1.5%
Frail Elderly Composite	\$2,521.26	\$2,026.07	\$2,148.87	\$2,646.43	\$1,776.70	\$2,052.31	\$2,148.87	\$2,113.74	\$2,646.43

Exhibit D3BI
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
 Frail Elderly

Variable	Statewide Estimate	Composite (Base Data)	Care WI (GSR 1 - Non-Expansion Counties)	Care WI (GSR 2)	Care WI (GSR 3)	Care WI (GSR 5 - Non-Expansion Counties)	Care WI (GSR 6)	Care WI (GSR 5-6)	CCI (GSR 6)	CCI (GSR 5-6)	CCI (GSR 8)	CCI (GSR 9)	CCI (GSR 10)	CCI (GSR 11)	Inclusa (GSR 1 - Non-Expansion Counties)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)															
SNF	394.08	22.5%	27.3%	16.1%	25.2%	20.9%	17.5%	17.4%	16.7%	24.8%	20.0%	20.0%	19.1%	18.6%	29.2%
Vent Dependent	3,062.54	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Number of IADLs (Grid Component)															
IADL_1	0.00	6.3%	5.9%	15.6%	8.2%	6.3%	4.6%	4.0%	4.4%	3.6%	7.5%	4.3%	4.8%	8.5%	5.6%
IADL_2	223.90	12.6%	10.5%	19.7%	12.8%	12.1%	9.8%	8.6%	8.6%	8.3%	14.7%	11.0%	10.7%	12.5%	9.0%
IADL_3	457.15	12.5%	9.5%	19.2%	15.7%	11.7%	12.3%	10.2%	12.9%	11.3%	13.5%	10.3%	11.7%	9.4%	8.3%
IADL_4-5-6	779.96	68.6%	74.1%	45.4%	63.3%	69.9%	73.3%	77.3%	74.1%	76.8%	64.3%	74.3%	72.8%	69.6%	77.1%
Specific ADLs / Equipment Used (Add-On)															
Transfer_2	587.63	26.2%	28.0%	16.8%	23.9%	26.2%	29.1%	37.9%	30.6%	26.9%	26.1%	26.8%	23.9%	25.8%	29.0%
Bathing_2	185.61	51.5%	55.1%	33.6%	47.2%	57.2%	57.7%	70.5%	59.5%	55.1%	48.8%	49.8%	47.7%	50.0%	57.1%
Interaction Terms (Add-On)															
Dress_Toilet	303.38	59.4%	62.0%	42.0%	55.1%	62.2%	60.2%	66.5%	61.6%	57.6%	62.6%	56.1%	56.5%	57.5%	63.6%
Injury_Overnight_Mental Illness	1,536.41	0.2%	0.6%	0.0%	0.1%	0.0%	0.1%	0.2%	0.2%	0.2%	0.1%	0.0%	0.2%	0.1%	0.8%
Overnight_Mental Illness	300.81	10.7%	11.9%	3.8%	8.8%	11.1%	12.5%	9.5%	13.8%	17.6%	9.2%	13.6%	7.3%	7.4%	13.5%
Seizure_Post-22_Depression	146.15	1.7%	0.5%	0.6%	0.9%	1.0%	1.9%	1.1%	2.2%	2.1%	3.3%	1.6%	1.9%	3.5%	0.4%
Trauma BI Post-22_Other Mental Illness	605.70	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.3%	0.0%	0.1%	0.1%
Transfer_Equip_Mobility	653.42	7.5%	8.2%	7.4%	9.9%	7.8%	6.5%	7.5%	6.7%	6.3%	5.5%	8.3%	6.8%	6.3%	8.8%
Behavioral Variables (Add-On)															
Offensive_3	466.76	1.6%	3.2%	0.0%	2.1%	1.4%	0.6%	0.8%	0.6%	1.7%	0.9%	0.5%	1.3%	0.8%	3.8%
Offensive_1-2	330.01	5.3%	8.6%	5.2%	5.5%	8.9%	3.7%	6.1%	2.5%	5.5%	5.2%	4.0%	4.0%	4.0%	8.9%
Mental Health_2	159.00	61.4%	64.0%	53.3%	64.3%	58.0%	60.1%	59.2%	60.8%	62.0%	53.0%	61.3%	66.3%	61.5%	66.2%
Alcohol Drug Abuse	193.66	7.2%	7.9%	5.8%	7.8%	5.7%	3.8%	4.2%	4.6%	5.2%	8.7%	8.6%	5.7%	6.9%	8.4%
Health Related Services (Add-On)															
Exercise	182.57	6.9%	8.6%	5.7%	11.3%	10.3%	2.9%	4.2%	2.7%	7.6%	8.7%	5.6%	4.3%	4.5%	9.9%
Ulcer Stage 2	159.66	1.0%	1.0%	0.6%	1.1%	1.0%	0.8%	0.6%	1.1%	1.5%	0.9%	0.3%	0.4%	0.4%	0.8%
Ulcer Stage 3-4	642.01	0.6%	0.4%	0.6%	0.6%	0.5%	0.3%	0.1%	0.5%	0.4%	1.5%	0.4%	0.1%	0.4%	0.2%
Respirate	112.08	7.3%	9.0%	4.5%	10.0%	8.2%	8.4%	7.1%	8.9%	7.4%	6.3%	8.2%	8.1%	5.9%	9.4%
Overnight	360.54	82.8%	89.1%	67.7%	85.3%	87.3%	85.8%	88.8%	85.3%	85.0%	81.3%	86.8%	82.4%	79.3%	92.2%
Urinary	292.04	0.9%	0.6%	1.2%	0.8%	1.0%	0.1%	1.4%	0.2%	1.6%	0.6%	1.2%	1.3%	0.6%	0.6%
Tracheostomy	1,206.10	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.2%	0.3%	0.0%	0.0%	0.1%	0.1%
Reposition	402.15	7.1%	7.9%	2.8%	8.7%	4.2%	5.6%	5.5%	6.0%	8.6%	8.0%	5.7%	6.2%	4.7%	9.3%
Diagnoses (Add-On)															
Alzheimers	265.81	40.7%	42.9%	27.0%	31.4%	41.5%	47.9%	50.9%	49.0%	50.4%	37.4%	41.8%	44.4%	50.1%	44.0%
Mental Illness	108.00	27.2%	29.4%	21.2%	20.9%	26.5%	27.6%	21.0%	31.1%	38.4%	21.5%	34.2%	21.1%	20.3%	32.8%
New Variables															
Bath_Position	164.78	90.0%	89.7%	89.0%	87.9%	91.0%	91.8%	89.7%	92.6%	94.3%	86.8%	90.9%	93.7%	90.7%	90.9%
Incidents															
Incidents_0	0.00	98.6%	97.8%	97.8%	98.1%	98.8%	98.9%	99.2%	98.9%	99.2%	99.1%	98.5%	99.0%	99.6%	97.4%
Incidents_1+	436.83	1.4%	2.2%	2.2%	1.9%	1.2%	1.1%	0.8%	1.1%	0.8%	0.9%	1.5%	1.0%	0.4%	2.6%
Frail Elderly Composite	\$2,552.25	\$2,552.25	\$2,696.23	\$2,080.32	\$2,508.74	\$2,580.88	\$2,583.21	\$2,725.06	\$2,619.24	\$2,684.40	\$2,467.08	\$2,587.62	\$2,510.44	\$2,480.17	\$2,780.91
Adjusted Frail Elderly Composite		\$2,521.01	\$2,636.23	\$2,080.32	\$2,455.29	\$2,580.88	\$2,583.21	\$2,725.06	\$2,619.24	\$2,684.40	\$2,467.08	\$2,587.62	\$2,510.44	\$2,480.17	\$2,707.54

Exhibit D3BI
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Base Cohort MCO / GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Inclusa (GSR 2)	Inclusa (GSR 3)	Inclusa (GSR 4 - Non-Expansion Counties)	Inclusa (GSR 5 - Non-Expansion Counties)	Inclusa (GSR 5-6)	Inclusa (GSR 7)	LCI (GSR 4 - Non-Expansion Counties)	LCI (GSR 9)	LCI (GSR 10)	MCFCI (GSR 6)	MCFCI (GSR 5-6)	MCFCI (GSR 8)	MCFCI (GSR 11)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)														
SNF	394.08	25.4%	28.3%	26.8%	21.4%	21.5%	26.3%	26.1%	20.5%	20.2%	17.5%	21.5%	21.3%	20.1%
Vent Dependent	3,062.54	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%
Number of IADLs (Grid Component)														
IADL_1	0.00	6.0%	7.0%	6.0%	6.1%	4.0%	4.2%	5.7%	4.4%	4.3%	4.6%	4.0%	8.0%	8.1%
IADL_2	223.90	11.2%	10.6%	9.5%	11.5%	8.5%	10.6%	9.1%	10.2%	10.3%	9.8%	8.5%	18.3%	12.5%
IADL_3	457.15	13.2%	16.4%	11.8%	11.7%	10.8%	12.1%	12.3%	9.0%	11.9%	12.3%	10.8%	14.7%	10.0%
IADL_4-5-6	779.96	69.5%	65.9%	72.7%	70.7%	76.7%	73.1%	72.9%	76.4%	73.5%	73.3%	76.7%	59.0%	69.3%
Specific ADLs / Equipment Used (Add-On)														
Transfer_2	587.63	21.7%	25.9%	27.0%	25.9%	33.0%	23.0%	26.4%	26.4%	25.0%	29.1%	33.0%	25.4%	25.4%
Bathing_2	185.61	48.9%	49.6%	58.3%	57.1%	63.2%	52.8%	58.7%	51.8%	47.0%	57.7%	63.2%	44.5%	50.4%
Interaction Terms (Add-On)														
Dress_Toilet	303.38	47.6%	55.7%	61.7%	61.7%	62.9%	56.6%	62.1%	55.3%	55.7%	60.2%	62.9%	63.3%	58.1%
Injury_Overnight_Mental Illness	1,536.41	0.2%	0.2%	0.1%	0.0%	0.2%	0.5%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%
Overnight_Mental Illness	300.81	12.2%	9.3%	12.6%	11.1%	13.5%	11.1%	13.0%	14.9%	7.8%	12.5%	13.5%	8.7%	7.8%
Seizure_Post-22_Depression	146.15	0.9%	1.0%	0.8%	1.0%	1.5%	0.1%	0.8%	1.2%	1.8%	1.9%	1.5%	2.7%	3.6%
Trauma BI Post-22_Other Mental Illness	605.70	0.3%	0.0%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.1%	0.0%	0.2%	0.1%
Transfer_Equip_Mobility	653.42	10.5%	10.8%	6.6%	7.3%	7.2%	5.8%	6.4%	8.8%	7.3%	6.5%	7.2%	7.0%	5.9%
Behavioral Variables (Add-On)														
Offensive_3	466.76	2.5%	2.5%	2.5%	1.3%	1.2%	2.3%	2.3%	0.6%	1.1%	0.6%	1.2%	1.2%	1.1%
Offensive_1-2	330.01	7.1%	5.6%	6.5%	8.6%	5.7%	7.5%	6.0%	5.4%	4.3%	3.7%	5.7%	3.5%	3.9%
Mental Health_2	159.00	64.5%	67.2%	64.2%	57.8%	61.0%	59.1%	63.6%	63.3%	64.9%	60.1%	61.0%	60.1%	61.3%
Alcohol Drug Abuse	193.66	9.3%	7.3%	5.4%	5.8%	5.1%	8.4%	5.5%	8.9%	6.0%	3.8%	5.1%	7.8%	6.9%
Health Related Services (Add-On)														
Exercise	182.57	14.2%	12.1%	7.3%	10.1%	5.5%	9.8%	6.8%	5.6%	4.5%	2.9%	5.5%	3.6%	4.5%
Ulcer Stage 2	159.66	1.5%	1.4%	1.7%	1.0%	1.0%	1.7%	1.7%	0.2%	0.3%	0.8%	1.0%	1.0%	0.3%
Ulcer Stage 3-4	642.01	1.1%	0.8%	0.6%	0.6%	0.3%	0.7%	0.7%	0.4%	0.0%	0.3%	0.3%	0.6%	0.3%
Respirate	112.08	7.3%	10.3%	9.1%	7.8%	7.1%	7.9%	9.0%	7.9%	8.4%	8.4%	7.1%	5.2%	6.3%
Overnight	360.54	79.3%	88.5%	83.9%	87.7%	87.0%	79.8%	84.9%	88.0%	84.9%	85.8%	87.0%	78.3%	79.8%
Urinary	292.04	1.4%	0.8%	1.1%	1.1%	1.7%	1.5%	1.0%	1.5%	1.0%	0.1%	1.7%	0.5%	0.8%
Tracheostomy	1,206.10	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%
Reposition	402.15	9.8%	10.5%	7.3%	4.1%	6.9%	5.3%	6.8%	6.2%	5.6%	5.6%	6.9%	7.6%	4.9%
Diagnoses (Add-On)														
Alzheimers	265.81	35.5%	31.3%	37.5%	41.7%	50.7%	37.4%	38.6%	42.6%	43.0%	47.9%	50.7%	38.3%	49.4%
Mental Illness	108.00	29.9%	21.0%	28.3%	26.2%	29.5%	23.4%	28.6%	36.5%	22.6%	27.6%	29.5%	27.4%	20.8%
New Variables														
Bath_Position	164.78	92.2%	89.0%	89.6%	91.1%	92.0%	86.6%	89.5%	90.8%	93.6%	91.8%	92.0%	88.7%	90.0%
Incidents														
Incidents_0	0.00	98.5%	97.9%	97.6%	98.7%	99.3%	96.4%	97.6%	98.6%	99.3%	98.9%	99.3%	99.3%	99.6%
Incidents_1+	436.83	1.5%	2.1%	2.4%	1.3%	0.7%	3.6%	2.4%	1.4%	0.7%	1.1%	0.7%	0.7%	0.4%
Frail Elderly Composite	\$2,552.25	\$2,555.55	\$2,595.88	\$2,629.85	\$2,582.09	\$2,712.74	\$2,552.79	\$2,628.59	\$2,618.70	\$2,527.47	\$2,583.21	\$2,712.74	\$2,439.42	\$2,486.40
Adjusted Frail Elderly Composite		\$2,488.12	\$2,527.40	\$2,560.47	\$2,578.36	\$2,712.24	\$2,485.44	\$2,567.05	\$2,618.70	\$2,527.47	\$2,583.21	\$2,712.24	\$2,439.42	\$2,486.40

Exhibit D3Bii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Non-Base Cohort MCO / GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Care WI (GSR 11)	Care WI (GSR 13)	Inclusa (GSR 14)	LCI (GSR 13)	MCFCI (GSR 2)	MCFCI (GSR 3)	MCFCI (GSR 14)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)								
SNF	394.08	20.1%	21.2%	18.3%	26.9%	24.4%	25.2%	23.9%
Vent Dependent	3,062.54	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%	1.0%
Number of IADLs (Grid Component)								
IADL_1	0.00	8.1%	8.9%	3.3%	4.6%	7.3%	8.2%	15.2%
IADL_2	223.90	12.5%	13.4%	11.6%	8.6%	12.4%	12.8%	11.6%
IADL_3	457.15	10.0%	13.7%	12.9%	12.6%	13.8%	15.7%	15.2%
IADL_4-5-6	779.96	69.3%	64.0%	72.2%	74.2%	66.5%	63.3%	58.0%
Specific ADLs / Equipment Used (Add-On)								
Transfer_2	587.63	25.4%	24.8%	39.9%	26.3%	21.1%	23.9%	19.6%
Bathing_2	185.61	50.4%	52.9%	65.0%	50.0%	46.8%	47.2%	36.7%
Interaction Terms (Add-On)								
Dress_Toilet	303.38	58.1%	60.0%	72.5%	61.7%	46.8%	55.1%	58.3%
Injury_Overnight_Mental Illness	1,536.41	0.1%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%
Overnight_Mental Illness	300.81	7.8%	6.5%	5.0%	13.2%	11.1%	8.8%	2.9%
Seizure_Post-22_Depression	146.15	3.6%	1.5%	1.7%	1.3%	0.8%	0.9%	1.0%
Trauma BI Post-22_Other Mental Illness	605.70	0.1%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%
Transfer_Equip_Mobility	653.42	5.9%	6.6%	6.6%	8.1%	10.1%	9.9%	5.8%
Behavioral Variables (Add-On)								
Offensive_3	466.76	1.1%	0.4%	0.8%	1.3%	2.2%	2.1%	2.9%
Offensive_1-2	330.01	3.9%	5.0%	5.0%	7.1%	6.9%	5.5%	4.8%
Mental Health_2	159.00	61.3%	61.9%	55.3%	61.3%	63.1%	64.3%	57.2%
Alcohol Drug Abuse	193.66	6.9%	5.6%	5.8%	7.3%	9.1%	7.8%	7.0%
Health Related Services (Add-On)								
Exercise	182.57	4.5%	5.0%	7.5%	8.2%	13.0%	11.3%	2.6%
Ulcer Stage 2	159.66	0.3%	1.5%	0.8%	0.3%	1.4%	1.1%	1.0%
Ulcer Stage 3-4	642.01	0.3%	0.6%	0.0%	0.3%	1.1%	0.6%	1.0%
Respirate	112.08	6.3%	10.2%	5.8%	10.8%	6.9%	10.0%	4.8%
Overnight	360.54	79.8%	85.4%	84.2%	85.8%	77.6%	85.3%	84.8%
Urinary	292.04	0.8%	0.8%	0.8%	0.9%	1.3%	0.8%	1.0%
Tracheostomy	1,206.10	0.1%	0.0%	0.8%	0.1%	0.0%	0.0%	1.9%
Reposition	402.15	4.9%	7.9%	7.5%	7.2%	8.9%	8.7%	3.9%
Diagnoses (Add-On)								
Alzheimers	265.81	49.4%	34.4%	38.3%	41.0%	34.3%	31.4%	41.7%
Mental Illness	108.00	20.8%	16.0%	21.6%	25.6%	28.7%	20.9%	15.5%
New Variables								
Bath_Position	164.78	90.0%	86.7%	87.0%	90.0%	91.5%	87.9%	78.2%
Incidents								
Incidents_0	0.00	99.6%	98.3%	100.0%	97.6%	98.4%	98.1%	98.1%
Incidents_1+	436.83	0.4%	1.7%	0.0%	2.4%	1.6%	1.9%	1.9%
Frail Elderly Composite	\$2,552.25	\$2,486.40	\$2,460.51	\$2,675.11	\$2,639.23	\$2,493.58	\$2,508.74	\$2,383.02
Adjusted Frail Elderly Composite		\$2,486.40	\$2,460.51	\$2,604.53	\$2,639.23	\$2,434.76	\$2,455.29	\$2,383.02

Exhibit D3Biii
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
June 2018 Expansion Cohort MCO / GSR Functional Screen Attribute Distribution
Frail Elderly

Variable	Statewide Estimate	Care WI (GSR 1 - Expansion Counties)	Care WI (GSR 5 - Expansion Counties)	Care WI (GSR 12)	Inclusa (GSR 1 - Expansion Counties)	Inclusa (GSR 4 - Expansion Counties)	Inclusa (GSR 5 - Expansion Counties)	LCI (GSR 4 - Expansion Counties)	MCFCI (GSR 12)
Intercept (Grid Component)	538.25	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
DD/NH Level of Care (Grid Component)									
SNF	394.08	9.5%	22.5%	26.1%	9.5%	24.9%	22.5%	24.9%	26.1%
Vent Dependent	3,062.54	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Number of IADLs (Grid Component)									
IADL_1	0.00	14.2%	12.5%	2.2%	14.2%	5.0%	12.5%	5.0%	2.2%
IADL_2	223.90	9.5%	17.5%	9.4%	9.5%	13.5%	17.5%	13.5%	9.4%
IADL_3	457.15	17.4%	20.0%	12.2%	17.4%	18.8%	20.0%	18.8%	12.2%
IADL_4-5-6	779.96	58.9%	50.0%	76.2%	58.9%	62.7%	50.0%	62.7%	76.2%
Specific ADLs / Equipment Used (Add-On)									
Transfer_2	587.63	13.2%	25.0%	30.3%	13.2%	20.4%	25.0%	20.4%	30.3%
Bathing_2	185.61	49.5%	47.5%	67.2%	49.5%	51.8%	47.5%	51.8%	67.2%
Interaction Terms (Add-On)									
Dress_Toilet	303.38	51.1%	60.0%	66.2%	51.1%	57.8%	60.0%	57.8%	66.2%
Injury_Overnight_Mental Illness	1,536.41	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.7%
Overnight_Mental Illness	300.81	3.2%	5.0%	11.1%	3.2%	7.9%	5.0%	7.9%	11.1%
Seizure_Post-22_Depression	146.15	0.0%	0.0%	1.5%	0.0%	0.5%	0.0%	0.5%	1.5%
Trauma BI Post-22_Other Mental Illness	605.70	0.0%	0.0%	0.7%	0.0%	0.5%	0.0%	0.5%	0.7%
Transfer_Equip_Mobility	653.42	0.0%	2.5%	6.1%	0.0%	3.0%	2.5%	3.0%	6.1%
Behavioral Variables (Add-On)									
Offensive_3	466.76	1.6%	0.0%	0.7%	1.6%	2.9%	0.0%	2.9%	0.7%
Offensive_1-2	330.01	1.6%	7.5%	7.2%	1.6%	5.0%	7.5%	5.0%	7.2%
Mental Health_2	159.00	49.5%	50.0%	63.0%	49.5%	58.2%	50.0%	58.2%	63.0%
Alcohol Drug Abuse	193.66	0.0%	7.5%	4.8%	0.0%	10.0%	7.5%	10.0%	4.8%
Health Related Services (Add-On)									
Exercise	182.57	0.0%	2.5%	10.1%	0.0%	7.0%	2.5%	7.0%	10.1%
Ulcer Stage 2	159.66	0.0%	2.5%	1.8%	0.0%	3.0%	2.5%	3.0%	1.8%
Ulcer Stage 3-4	642.01	1.6%	0.0%	0.4%	1.6%	2.0%	0.0%	2.0%	0.4%
Respirate	112.08	3.2%	5.0%	6.7%	3.2%	8.0%	5.0%	8.0%	6.7%
Overnight	360.54	68.4%	55.0%	90.4%	68.4%	85.2%	55.0%	85.2%	90.4%
Urinary	292.04	0.0%	2.5%	1.5%	0.0%	0.5%	2.5%	0.5%	1.5%
Tracheostomy	1,206.10	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Reposition	402.15	0.0%	0.0%	4.6%	0.0%	6.0%	0.0%	6.0%	4.6%
Diagnoses (Add-On)									
Alzheimers	265.81	33.7%	35.0%	46.3%	33.7%	42.2%	35.0%	42.2%	46.3%
Mental Illness	108.00	12.6%	17.5%	22.7%	12.6%	24.9%	17.5%	24.9%	22.7%
New Variables									
Bath_Position	164.78	88.4%	85.0%	95.8%	88.4%	85.7%	85.0%	85.7%	95.8%
Incidents									
Incidents_0	0.00	98.4%	98.7%	100.0%	98.4%	99.5%	98.7%	99.5%	100.0%
Incidents_1+	436.83	1.6%	1.3%	0.0%	1.6%	0.5%	1.3%	0.5%	0.0%
Frail Elderly Composite	\$2,552.25	\$2,076.88	\$2,192.40	\$2,729.69	\$2,076.88	\$2,476.02	\$2,192.40	\$2,476.02	\$2,729.69
Adjusted Frail Elderly Composite		\$2,053.78	\$2,192.40	\$2,729.69	\$2,053.78	\$2,442.56	\$2,192.40	\$2,442.56	\$2,729.69

Exhibit E1
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

Base Cohort DD Development	2019 Exposure Months	(A)		(B)	(C) = (A) x (B)	(D1)	(D2)	(D3)	(D4)	(D5)	(D6)	(D7)	(E) = (C) x (D)	
		MCO/GSR Specific Base Rate Development				MCO/GSR Specific Risk Adjusted Rate	2019 DD Adjustment Factors							Projected Per Capita Monthly Costs
		Regression Results		Risk Score - June 2018			Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 - Non-Expansion Counties)	1,063	\$3,631.85	1.1593	\$4,210.48	0.9994	0.9979	1.0210	1.0005	1.0000	1.0001	0.9996	\$4,287.52		
Care WI (GSR 2)	2,318	3,631.85	0.7368	2,676.05	0.9994	0.9979	1.0210	1.0064	1.0000	1.0001	0.9996	2,741.30		
Care WI (GSR 3)	1,387	3,631.85	1.0005	3,633.50	0.9994	0.9979	1.0210	0.9870	1.0000	1.0001	0.9996	3,650.10		
Care WI (GSR 5 - Non-Expansion Counties)	16,236	3,631.85	1.0366	3,764.64	0.9994	0.9979	1.0210	0.9752	1.0000	1.0001	0.9996	3,736.59		
Care WI (GSR 6)	1,608	3,631.85	1.0063	3,654.78	0.9994	0.9979	1.0210	0.9865	1.0000	1.0001	0.9996	3,669.78		
Care WI (GSR 5-6)	9,566	3,631.85	1.0631	3,861.09	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,982.45		
CCI (GSR 6)	12,250	3,631.85	1.0086	3,663.08	0.9994	0.9979	1.0210	0.9865	1.0000	1.0001	0.9996	3,678.11		
CCI (GSR 5-6)	8,064	3,631.85	1.0627	3,859.48	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,980.80		
CCI (GSR 8)	15,208	3,631.85	0.9724	3,531.60	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,642.61		
CCI (GSR 9)	1,435	3,631.85	0.9589	3,482.74	0.9994	0.9979	1.0210	0.9890	1.0000	1.0001	0.9996	3,505.80		
CCI (GSR 10)	10,245	3,631.85	1.0000	3,631.93	0.9994	0.9979	1.0210	1.0016	1.0000	1.0001	0.9996	3,702.47		
CCI (GSR 11)	15,002	3,631.85	1.0006	3,634.13	0.9994	0.9979	1.0210	1.0241	1.0000	1.0001	0.9996	3,788.05		
Inclusa (GSR 1 - Non-Expansion Counties)	14,524	3,631.85	1.1718	4,255.84	0.9994	0.9979	1.0210	1.0005	1.0000	1.0001	0.9996	4,333.71		
Inclusa (GSR 2)	20,040	3,631.85	1.0834	3,934.86	0.9994	0.9979	1.0210	1.0064	1.0000	1.0001	0.9996	4,030.80		
Inclusa (GSR 3)	11,801	3,631.85	1.0180	3,697.39	0.9994	0.9979	1.0210	0.9870	1.0000	1.0001	0.9996	3,714.29		
Inclusa (GSR 4 - Non-Expansion Counties)	20,803	3,631.85	0.9676	3,514.18	0.9994	0.9979	1.0210	0.9707	1.0000	1.0001	0.9996	3,472.11		
Inclusa (GSR 5 - Non-Expansion Counties)	735	3,631.85	1.0347	3,757.86	0.9994	0.9979	1.0210	0.9752	1.0000	1.0001	0.9996	3,729.85		
Inclusa (GSR 5-6)	304	3,631.85	1.0602	3,850.40	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,971.43		
Inclusa (GSR 7)	13,796	3,631.85	1.0452	3,796.16	0.9994	0.9979	1.0210	0.9899	1.0000	1.0001	0.9996	3,824.65		
LCI (GSR 4 - Non-Expansion Counties)	586	3,631.85	0.9673	3,512.97	0.9994	0.9979	1.0210	0.9707	1.0000	1.0001	0.9996	3,470.92		
LCI (GSR 9)	16,082	3,631.85	0.9685	3,517.55	0.9994	0.9979	1.0210	0.9890	1.0000	1.0001	0.9996	3,540.84		
LCI (GSR 10)	1,419	3,631.85	1.0015	3,637.16	0.9994	0.9979	1.0210	1.0016	1.0000	1.0001	0.9996	3,707.80		
MCFCI (GSR 6)	433	3,631.85	1.0063	3,654.78	0.9994	0.9979	1.0210	0.9865	1.0000	1.0001	0.9996	3,669.78		
MCFCI (GSR 5-6)	680	3,631.85	1.0602	3,850.40	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,971.43		
MCFCI (GSR 8)	29,848	3,631.85	1.0209	3,707.80	0.9994	0.9979	1.0210	1.0134	1.0000	1.0001	0.9996	3,824.35		
MCFCI (GSR 11)	1,611	3,631.85	1.0068	3,656.44	0.9994	0.9979	1.0210	1.0241	1.0000	1.0001	0.9996	3,811.31		
Total DD Base Cohort	227,043	\$3,631.85	1.0240	\$3,718.85	0.9994	0.9979	1.0210	0.9987	1.0000	1.0001	0.9996	\$3,780.32		

Non-Base Cohort DD Development	2019 Exposure Months	MCO/GSR Specific Non-Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	2019 DD Adjustment Factors							Projected Per Capita Monthly Costs
		Regression Results			Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
		DD Non-Base Cohort Costs	Risk Score - June 2018 Enrollment	0.9994	0.9979	1.0210	1.0241	1.0000	1.0001	0.9996	\$3,811.31	
Care WI (GSR 11)	687	\$3,631.85	1.0068	\$3,656.44	0.9994	0.9979	1.0210	1.0241	1.0000	1.0001	0.9996	\$3,811.31
Care WI (GSR 13)	11,420	3,631.85	0.9143	3,320.50	0.9994	0.9979	1.0210	0.9803	1.0557	1.0001	0.9996	3,497.61
Inclusa (GSR 14)	4,656	3,631.85	1.1488	4,172.21	0.9994	0.9979	1.0210	0.9784	1.0793	1.0001	0.9996	4,484.04
LCI (GSR 13)	14,067	3,631.85	1.0363	3,763.63	0.9994	0.9979	1.0210	0.9803	1.0557	1.0001	0.9996	3,964.38
MCFCI (GSR 2)	562	3,631.85	1.0495	3,811.72	0.9994	0.9979	1.0210	1.0064	1.0000	1.0001	0.9996	3,904.67
MCFCI (GSR 3)	312	3,631.85	1.0005	3,633.50	0.9994	0.9979	1.0210	0.9870	1.0000	1.0001	0.9996	3,650.10
MCFCI (GSR 14)	3,012	3,631.85	0.8576	3,114.63	0.9994	0.9979	1.0210	0.9784	1.0793	1.0001	0.9996	3,347.42
Total DD Non-Base Cohort	34,715	\$3,631.85	0.9950	\$3,613.83	0.9994	0.9979	1.0210	0.9812	1.0584	1.0001	0.9996	\$3,820.18

Expansion Cohort DD Development	2019 Exposure Months	MCO/GSR Specific Expansion Rate Development		MCO/GSR Specific Risk Adjusted Rate	2019 DD Adjustment Factors							Projected Per Capita Monthly Costs
		Regression Results			Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
		DD Expansion Cohort Costs	Risk Score - June 2018 Enrollment	0.9994	0.9979 <th>1.0210</th> <th>1.0005</th> <th>1.0000</th> <th>1.0001</th> <th>0.9996</th> <th>\$3,195.08</th>	1.0210	1.0005	1.0000	1.0001	0.9996	\$3,195.08	
Care WI (GSR 1 Expansion - Taylor)	571	\$3,631.85	0.8639	\$3,137.67	0.9994	0.9979	1.0210	1.0005	1.0000	1.0001	0.9996	\$3,195.08
Care WI (GSR 5 Expansion - Adams)	329	3,631.85	0.8886	3,227.11	0.9994	0.9979	1.0210	0.9752	1.1511	1.0001	0.9996	3,687.02
Care WI (GSR 12)	7,251	3,631.85	0.9501	3,450.71	0.9994	0.9979	1.0210	1.0474	1.2010	1.0001	0.9996	4,418.15
Inclusa (GSR 1 Expansion - Taylor)	419	3,631.85	0.8639	3,137.67	0.9994	0.9979	1.0210	1.0005	1.0000	1.0001	0.9996	3,195.08
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,463	3,631.85	1.1026	4,004.38	0.9994	0.9979	1.0210	0.9707	1.0309	1.0001	0.9996	4,078.74
Inclusa (GSR 5 Expansion - Adams)	329	3,631.85	0.8886	3,227.11	0.9994	0.9979	1.0210	0.9752	1.1511	1.0001	0.9996	3,687.02
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,516	3,631.85	1.1026	4,004.38	0.9994	0.9979	1.0210	0.9707	1.0309	1.0001	0.9996	4,078.74
MCFCI (GSR 12)	1,339	3,631.85	0.9501	3,450.71	0.9994	0.9979	1.0210	1.0474	1.2010	1.0001	0.9996	4,418.15
Total DD Expansion Cohort	13,217	\$3,631.85	0.9750	\$3,540.96	0.9994	0.9979	1.0210	1.0215	1.1445	1.0001	0.9996	\$4,213.70

Total DD Population	274,975	\$3,631.85	1.0180	\$3,697.04	0.9994	0.9979	1.0210	0.9976	1.0139	1.0001	0.9996	\$3,806.18
Total DD Population	274,975	\$3,631.85	1.0180	\$3,697.04	0.9994	0.9979	1.0210	0.9976	1.0139	1.0001	0.9996	\$3,806.18

Exhibit E1
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Service Portion of LTC Rate
 Nursing Home Level of Care

Base Cohort PD Development	(A)			(B)			(C) = (A) x (B)			(D1)	(D2)	(D3)	(D4)	(D5)	(D6)	(D7)	(E) = (C) x (D)
	2019 Exposure Months	MCO/GSR Specific Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	2019 PD Adjustment Factors						Projected Per Capita Monthly Costs						
		PD Base Cohort Costs	Regression Results Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase		DME Adjustment					
Care WI (GSR 1 - Non-Expansion Counties)	819	\$2,326.31	1.1177	\$2,600.06	1.0174	1.0091	0.9970	1.0005	1.0000	1.0003	0.9984	\$2,659.22					
Care WI (GSR 2)	1,859	2,326.31	0.8440	1,963.32	1.0174	1.0091	0.9970	1.0064	1.0000	1.0003	0.9984	2,019.99					
Care WI (GSR 3)	992	2,326.31	0.9332	2,170.96	1.0174	1.0091	0.9970	0.9870	1.0000	1.0003	0.9984	2,190.42					
Care WI (GSR 5 - Non-Expansion Counties)	3,598	2,326.31	1.1502	2,675.65	1.0174	1.0091	0.9970	0.9752	1.0000	1.0003	0.9984	2,667.33					
Care WI (GSR 6)	1,002	2,326.31	1.1239	2,614.48	1.0174	1.0091	0.9970	0.9865	1.0000	1.0003	0.9984	2,636.69					
Care WI (GSR 5-6)	1,642	2,326.31	1.2806	2,979.03	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	3,086.12					
CCI (GSR 6)	2,496	2,326.31	1.1281	2,624.26	1.0174	1.0091	0.9970	0.9865	1.0000	1.0003	0.9984	2,646.67					
CCI (GSR 5-6)	1,846	2,326.31	1.0497	2,441.95	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	2,529.73					
CCI (GSR 8)	12,583	2,326.31	0.9624	2,236.94	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	2,319.42					
CCI (GSR 9)	1,198	2,326.31	0.9250	2,151.87	1.0174	1.0091	0.9970	0.9890	1.0000	1.0003	0.9984	2,175.80					
CCI (GSR 10)	1,955	2,326.31	1.0279	2,391.17	1.0174	1.0091	0.9970	1.0016	1.0000	1.0003	0.9984	2,448.28					
CCI (GSR 11)	5,372	2,326.31	1.0450	2,431.10	1.0174	1.0091	0.9970	1.0241	1.0000	1.0003	0.9984	2,545.16					
Inclusa (GSR 1 - Non-Expansion Counties)	4,099	2,326.31	1.1276	2,623.08	1.0174	1.0091	0.9970	1.0005	1.0000	1.0003	0.9984	2,682.76					
Inclusa (GSR 2)	7,715	2,326.31	0.9665	2,248.31	1.0174	1.0091	0.9970	1.0064	1.0000	1.0003	0.9984	2,313.21					
Inclusa (GSR 3)	4,141	2,326.31	0.9450	2,198.43	1.0174	1.0091	0.9970	0.9870	1.0000	1.0003	0.9984	2,218.15					
Inclusa (GSR 4 - Non-Expansion Counties)	6,217	2,326.31	1.0586	2,462.58	1.0174	1.0091	0.9970	0.9707	1.0000	1.0003	0.9984	2,443.75					
Inclusa (GSR 5 - Non-Expansion Counties)	375	2,326.31	1.1420	2,656.60	1.0174	1.0091	0.9970	0.9752	1.0000	1.0003	0.9984	2,648.35					
Inclusa (GSR 5-6)	138	2,326.31	1.1387	2,648.93	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	2,744.15					
Inclusa (GSR 7)	4,350	2,326.31	1.0285	2,392.72	1.0174	1.0091	0.9970	0.9899	1.0000	1.0003	0.9984	2,421.22					
LCI (GSR 4 - Non-Expansion Counties)	439	2,326.31	1.0477	2,437.23	1.0174	1.0091	0.9970	0.9707	1.0000	1.0003	0.9984	2,418.59					
LCI (GSR 9)	4,292	2,326.31	0.9361	2,177.73	1.0174	1.0091	0.9970	0.9890	1.0000	1.0003	0.9984	2,201.74					
LCI (GSR 10)	722	2,326.31	1.0529	2,449.39	1.0174	1.0091	0.9970	1.0016	1.0000	1.0003	0.9984	2,507.89					
MCFCI (GSR 6)	184	2,326.31	1.1239	2,614.48	1.0174	1.0091	0.9970	0.9865	1.0000	1.0003	0.9984	2,636.69					
MCFCI (GSR 5-6)	288	2,326.31	1.1387	2,648.93	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	2,744.15					
MCFCI (GSR 8)	15,573	2,326.31	0.9593	2,231.71	1.0174	1.0091	0.9970	1.0134	1.0000	1.0003	0.9984	2,319.93					
MCFCI (GSR 11)	1,198	2,326.31	1.0266	2,388.25	1.0174	1.0091	0.9970	1.0241	1.0000	1.0003	0.9984	2,500.30					
Total PD Base Cohort	85,090	\$2,326.31	1.0100	\$2,349.66	1.0174	1.0091	0.9970	1.0013	1.0000	1.0003	0.9984	\$2,405.13					

Non-Base Cohort PD Development	MCO/GSR Specific Non-Base Rate Development			2019 PD Adjustment Factors						Projected Per Capita Monthly Costs		
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In		Personal Care Rate Increase	DME Adjustment
		PD Non-Base Cohort Costs	Risk Score - June 2018 Enrollment									
Care WI (GSR 11)	424	\$2,326.31	1.0266	\$2,388.25	1.0174	1.0091	0.9970	1.0241	1.0000	1.0003	0.9984	\$2,500.30
Care WI (GSR 13)	3,653	2,326.31	1.1040	2,568.12	1.0174	1.0091	0.9970	0.9803	1.0557	1.0003	0.9984	2,716.95
Inclusa (GSR 14)	745	2,326.31	1.1034	2,566.89	1.0174	1.0091	0.9970	0.9784	1.0793	1.0003	0.9984	2,770.82
LCI (GSR 13)	4,472	2,326.31	1.1864	2,760.00	1.0174	1.0091	0.9970	0.9803	1.0557	1.0003	0.9984	2,919.94
MCFCI (GSR 2)	315	2,326.31	0.9468	2,202.45	1.0174	1.0091	0.9970	1.0064	1.0000	1.0003	0.9984	2,266.03
MCFCI (GSR 3)	169	2,326.31	0.9332	2,170.96	1.0174	1.0091	0.9970	0.9870	1.0000	1.0003	0.9984	2,190.42
MCFCI (GSR 14)	845	2,326.31	1.0810	2,514.80	1.0174	1.0091	0.9970	0.9784	1.0793	1.0003	0.9984	2,714.59
Total PD Non-Base Cohort	10,624	\$2,326.31	1.1263	\$2,620.23	1.0174	1.0091	0.9970	0.9823	1.0548	1.0003	0.9984	\$2,775.60

Expansion Cohort PD Development	MCO/GSR Specific Expansion Rate Development			2019 PD Adjustment Factors						Projected Per Capita Monthly Costs		
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In		Personal Care Rate Increase	DME Adjustment
		PD Expansion Cohort Costs	Risk Score - June 2018 Enrollment									
Care WI (GSR 1 Expansion - Taylor)	123	\$2,326.31	0.8923	\$2,075.77	1.0174	1.0091	0.9970	1.0005	1.0000	1.0003	0.9984	\$2,123.00
Care WI (GSR 5 Expansion - Adams)	266	2,326.31	1.0862	2,526.90	1.0174	1.0091	0.9970	0.9752	1.1511	1.0003	0.9984	2,899.65
Care WI (GSR 12)	1,250	2,326.31	1.3807	3,211.82	1.0174	1.0091	0.9970	1.0474	1.2010	1.0003	0.9984	4,130.29
Inclusa (GSR 1 Expansion - Taylor)	61	2,326.31	0.8923	2,075.77	1.0174	1.0091	0.9970	1.0005	1.0000	1.0003	0.9984	2,123.00
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	439	2,326.31	1.0605	2,467.03	1.0174	1.0091	0.9970	0.9707	1.0309	1.0003	0.9984	2,523.84
Inclusa (GSR 5 Expansion - Adams)	266	2,326.31	1.0862	2,526.90	1.0174	1.0091	0.9970	0.9752	1.1511	1.0003	0.9984	2,899.65
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	524	2,326.31	1.0605	2,467.03	1.0174	1.0091	0.9970	0.9707	1.0309	1.0003	0.9984	2,523.84
MCFCI (GSR 12)	323	2,326.31	1.3807	3,211.82	1.0174	1.0091	0.9970	1.0474	1.2010	1.0003	0.9984	4,130.29
Total PD Expansion Cohort	3,253	\$2,326.31	1.2101	\$2,815.03	1.0174	1.0091	0.9970	1.0150	1.1435	1.0003	0.9984	\$3,339.86

Total PD Population	98,967	\$2,326.31	1.0291	\$2,394.00	1.0174	1.0091	0.9970	0.9996	1.0120	1.0003	0.9984	\$2,475.62
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Exhibit E1
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

Base Cohort FE Development	(A)			(B)			(C) = (A) x (B)			(D1)	(D2)	(D3)	(D4)	(D5)	(D6)	(D7)	(E) = (C) x (D)
	2019 Exposure Months	MCO/GSR Specific Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	Projection to CY 2019						Projected Per Capita Monthly Costs						
		Regression Results			2019 FE Adjustment Factors												
		FE Base Cohort Costs	Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment						
Care WI (GSR 1 - Non-Expansion Counties)	2,308	\$2,521.26	1.0456	\$2,636.23	0.9852	1.0201	1.0120	1.0005	1.0000	1.0001	0.9993	\$2,680.77					
Care WI (GSR 2)	2,310	2,521.26	0.8251	2,080.32	0.9852	1.0201	1.0120	1.0064	1.0000	1.0001	0.9993	2,128.12					
Care WI (GSR 3)	2,195	2,521.26	0.9738	2,455.29	0.9852	1.0201	1.0120	0.9870	1.0000	1.0001	0.9993	2,463.12					
Care WI (GSR 5 - Non-Expansion Counties)	9,575	2,521.26	1.0236	2,580.88	0.9852	1.0201	1.0120	0.9752	1.0000	1.0001	0.9993	2,558.13					
Care WI (GSR 6)	2,578	2,521.26	1.0246	2,583.21	0.9852	1.0201	1.0120	0.9865	1.0000	1.0001	0.9993	2,590.25					
Care WI (GSR 5-6)	7,920	2,521.26	1.0808	2,725.06	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,806.86					
CCI (GSR 8)	7,761	2,521.26	1.0389	2,619.24	0.9852	1.0201	1.0120	0.9865	1.0000	1.0001	0.9993	2,626.37					
CCI (GSR 5-6)	6,421	2,521.26	1.0647	2,684.40	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,764.98					
CCI (GSR 8)	9,846	2,521.26	0.9785	2,467.08	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,541.14					
CCI (GSR 9)	2,227	2,521.26	1.0263	2,587.62	0.9852	1.0201	1.0120	0.9890	1.0000	1.0001	0.9993	2,601.18					
CCI (GSR 10)	6,301	2,521.26	0.9957	2,510.44	0.9852	1.0201	1.0120	1.0016	1.0000	1.0001	0.9993	2,555.69					
CCI (GSR 11)	9,090	2,521.26	0.9837	2,480.17	0.9852	1.0201	1.0120	1.0241	1.0000	1.0001	0.9993	2,581.66					
Inclusa (GSR 1 - Non-Expansion Counties)	10,097	2,521.26	1.0739	2,707.54	0.9852	1.0201	1.0120	1.0005	1.0000	1.0001	0.9993	2,753.29					
Inclusa (GSR 2)	15,601	2,521.26	0.9869	2,488.12	0.9852	1.0201	1.0120	1.0064	1.0000	1.0001	0.9993	2,545.29					
Inclusa (GSR 3)	7,551	2,521.26	1.0024	2,527.40	0.9852	1.0201	1.0120	0.9870	1.0000	1.0001	0.9993	2,535.46					
Inclusa (GSR 4 - Non-Expansion Counties)	13,126	2,521.26	1.0156	2,560.47	0.9852	1.0201	1.0120	0.9707	1.0000	1.0001	0.9993	2,526.34					
Inclusa (GSR 5 - Non-Expansion Counties)	768	2,521.26	1.0226	2,578.36	0.9852	1.0201	1.0120	0.9752	1.0000	1.0001	0.9993	2,555.63					
Inclusa (GSR 5-6)	249	2,521.26	1.0757	2,712.24	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,793.66					
Inclusa (GSR 7)	11,045	2,521.26	0.9858	2,485.44	0.9852	1.0201	1.0120	0.9899	1.0000	1.0001	0.9993	2,500.65					
LCI (GSR 4 - Non-Expansion Counties)	1,695	2,521.26	1.0182	2,567.05	0.9852	1.0201	1.0120	0.9707	1.0000	1.0001	0.9993	2,532.83					
LCI (GSR 9)	9,779	2,521.26	1.0386	2,618.70	0.9852	1.0201	1.0120	0.9890	1.0000	1.0001	0.9993	2,632.42					
LCI (GSR 10)	2,447	2,521.26	1.0025	2,527.47	0.9852	1.0201	1.0120	1.0016	1.0000	1.0001	0.9993	2,573.03					
MCFCI (GSR 6)	348	2,521.26	1.0246	2,583.21	0.9852	1.0201	1.0120	0.9865	1.0000	1.0001	0.9993	2,590.25					
MCFCI (GSR 5-6)	864	2,521.26	1.0757	2,712.24	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,793.66					
MCFCI (GSR 8)	45,486	2,521.26	0.9675	2,439.42	0.9852	1.0201	1.0120	1.0134	1.0000	1.0001	0.9993	2,512.65					
MCFCI (GSR 11)	1,108	2,521.26	0.9862	2,486.40	0.9852	1.0201	1.0120	1.0241	1.0000	1.0001	0.9993	2,588.15					
Total FE Base Cohort	188,698	\$2,521.26	1.0032	\$2,529.31	0.9852	1.0201	1.0120	1.0004	1.0000	1.0001	0.9993	\$2,572.02					

Non-Base Cohort FE Development	MCO/GSR Specific Non-Base Rate Development			Projection to CY 2019						Projected Per Capita Monthly Costs		
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	2019 FE Adjustment Factors							
		FE Non-Base Cohort Costs	Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 11)	491	\$2,521.26	0.9862	\$2,486.40	0.9852	1.0201	1.0120	1.0241	1.0000	1.0001	0.9993	\$2,588.15
Care WI (GSR 13)	6,133	2,521.26	0.9759	2,460.51	0.9852	1.0201	1.0120	0.9803	1.0557	1.0001	0.9993	2,588.20
Inclusa (GSR 14)	1,544	2,521.26	1.0330	2,604.53	0.9852	1.0201	1.0120	0.9784	1.0793	1.0001	0.9993	2,795.35
LCI (GSR 13)	10,151	2,521.26	1.0468	2,639.23	0.9852	1.0201	1.0120	0.9803	1.0557	1.0001	0.9993	2,776.19
MCFCI (GSR 2)	468	2,521.26	0.9657	2,434.76	0.9852	1.0201	1.0120	1.0064	1.0000	1.0001	0.9993	2,490.70
MCFCI (GSR 3)	242	2,521.26	0.9738	2,455.29	0.9852	1.0201	1.0120	0.9870	1.0000	1.0001	0.9993	2,463.12
MCFCI (GSR 14)	1,353	2,521.26	0.9452	2,383.02	0.9852	1.0201	1.0120	0.9784	1.0793	1.0001	0.9993	2,557.61
Total FE Non-Base Cohort	20,381	\$2,521.26	1.0135	\$2,555.26	0.9852	1.0201	1.0120	0.9817	1.0557	1.0001	0.9993	\$2,691.76

Expansion Cohort FE Development	MCO/GSR Specific Expansion Rate Development			Projection to CY 2019						Projected Per Capita Monthly Costs		
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	2019 FE Adjustment Factors							
		FE Expansion Cohort Costs	Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 Expansion - Taylor)	506	\$2,521.26	0.8146	\$2,053.78	0.9852	1.0201	1.0120	1.0005	1.0000	1.0001	0.9993	\$2,088.48
Care WI (GSR 5 Expansion - Adams)	272	2,521.26	0.8696	2,192.40	0.9852	1.0201	1.0120	0.9752	1.1511	1.0001	0.9993	2,501.40
Care WI (GSR 12)	3,579	2,521.26	1.0827	2,729.69	0.9852	1.0201	1.0120	1.0474	1.2010	1.0001	0.9993	3,490.18
Inclusa (GSR 1 Expansion - Taylor)	287	2,521.26	0.8146	2,053.78	0.9852	1.0201	1.0120	1.0005	1.0000	1.0001	0.9993	2,088.48
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,306	2,521.26	0.9688	2,442.56	0.9852	1.0201	1.0120	0.9707	1.0309	1.0001	0.9993	2,484.50
Inclusa (GSR 5 Expansion - Adams)	272	2,521.26	0.8696	2,192.40	0.9852	1.0201	1.0120	0.9752	1.1511	1.0001	0.9993	2,501.40
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,328	2,521.26	0.9688	2,442.56	0.9852	1.0201	1.0120	0.9707	1.0309	1.0001	0.9993	2,484.50
MCFCI (GSR 12)	955	2,521.26	1.0827	2,729.69	0.9852	1.0201	1.0120	1.0474	1.2010	1.0001	0.9993	3,490.18
Total FE Expansion Cohort	8,504	\$2,521.26	1.0088	\$2,543.47	0.9852	1.0201	1.0120	1.0171	1.1352	1.0001	0.9993	\$2,984.97

Total FE Population	217,583	\$2,521.26	1.0044	\$2,532.29	0.9852	1.0201	1.0120	0.9993	1.0106	1.0001	0.9993	\$2,599.38

Exhibit E1
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Service Portion of LTC Rate
 Nursing Home Level of Care

Base Cohort Composite	(A)	(B)		(C) = (A) x (B)	(D1)	(D2)	(D3)	(D4)	(D5)	(D6)	(D7)	(E) = (C) x (D)
	2019 Exposure Months	MCO/GSR Specific Base Rate Development		MCO/GSR Specific Risk Adjusted Rate	Projection to CY 2019							Projected Per Capita Monthly Costs
		Regression Results Composite Base Cohort Costs	Risk Score - June 2018 Enrollment		2019 Base Cohort Adjustment Factors							
					Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 - Non-Expansion Counties)	4,190	\$2,764.90	1.0953	\$3,028.52	0.9956	1.0103	1.0126	1.0005	1.0000	1.0001	0.9993	\$3,084.16
Care WI (GSR 2)	6,488	2,862.13	0.7895	2,259.61	0.9992	1.0079	1.0120	1.0064	1.0000	1.0001	0.9992	2,316.18
Care WI (GSR 3)	4,574	2,815.82	0.9770	2,750.98	0.9964	1.0092	1.0130	0.9870	1.0000	1.0001	0.9993	2,763.99
Care WI (GSR 5 - Non-Expansion Counties)	29,409	3,110.54	1.0435	3,246.00	0.9975	1.0047	1.0162	0.9752	1.0000	1.0001	0.9994	3,222.09
Care WI (GSR 6)	5,188	2,827.76	1.0331	2,921.30	0.9863	1.0095	1.0128	0.9865	1.0000	1.0001	0.9993	2,933.74
Care WI (GSR 5-6)	19,127	3,059.94	1.0834	3,315.00	0.9859	1.0062	1.0160	1.0134	1.0000	1.0001	0.9994	3,418.76
CCI (GSR 8)	22,506	3,104.12	1.0270	3,187.94	0.9870	1.0051	1.0162	0.9865	1.0000	1.0001	0.9994	3,201.06
CCI (GSR 5-6)	16,330	3,047.61	1.0622	3,237.23	0.9963	1.0060	1.0160	1.0134	1.0000	1.0001	0.9994	3,338.74
CCI (GSR 8)	37,637	2,904.82	0.9711	2,820.93	1.0009	1.0059	1.0125	1.0134	1.0000	1.0001	0.9992	2,912.07
CCI (GSR 9)	4,860	2,801.09	0.9798	2,744.47	0.9967	1.0096	1.0124	0.9890	1.0000	1.0001	0.9992	2,763.34
CCI (GSR 10)	18,501	3,115.67	1.0010	3,118.88	0.9969	1.0048	1.0165	1.0016	1.0000	1.0001	0.9994	3,179.39
CCI (GSR 11)	29,464	3,051.17	1.0025	3,058.76	0.9984	1.0050	1.0152	1.0241	1.0000	1.0001	0.9993	3,189.24
Inclusa (GSR 1 - Non-Expansion Counties)	28,720	3,055.05	1.1386	3,478.45	0.9974	1.0051	1.0159	1.0005	1.0000	1.0001	0.9994	3,542.43
Inclusa (GSR 2)	43,356	2,999.90	1.0381	3,114.16	0.9976	1.0056	1.0153	1.0064	1.0000	1.0001	0.9994	3,190.63
Inclusa (GSR 3)	23,493	3,044.78	1.0041	3,057.14	0.9979	1.0051	1.0155	0.9870	1.0000	1.0001	0.9994	3,071.69
Inclusa (GSR 4 - Non-Expansion Counties)	40,146	3,066.56	0.9912	3,039.51	0.9977	1.0053	1.0154	0.9707	1.0000	1.0001	0.9994	3,003.63
Inclusa (GSR 5 - Non-Expansion Counties)	1,878	2,917.26	1.0475	3,055.84	0.9976	1.0074	1.0136	0.9752	1.0000	1.0001	0.9993	3,033.93
Inclusa (GSR 5-6)	691	2,971.22	1.0772	3,200.58	0.9980	1.0065	1.0142	1.0134	1.0000	1.0001	0.9993	3,302.19
Inclusa (GSR 7)	29,191	3,017.10	1.0245	3,091.10	0.9971	1.0059	1.0154	0.9899	1.0000	1.0001	0.9994	3,114.57
LCI (GSR 4 - Non-Expansion Counties)	2,720	2,729.12	1.0076	2,749.94	0.9937	1.0123	1.0123	0.9870	1.0000	1.0001	0.9993	2,716.55
LCI (GSR 9)	30,153	3,085.84	0.9836	3,035.34	0.9972	1.0052	1.0160	0.9890	1.0000	1.0001	0.9994	3,055.63
LCI (GSR 10)	4,589	2,834.15	1.0086	2,858.47	0.9951	1.0098	1.0134	1.0016	1.0000	1.0001	0.9993	2,913.83
MCFCI (GSR 6)	965	2,982.33	1.0294	3,069.98	0.9980	1.0064	1.0143	0.9865	1.0000	1.0001	0.9993	3,083.49
MCFCI (GSR 5-6)	1,832	2,903.01	1.0764	3,124.90	0.9960	1.0084	1.0140	1.0134	1.0000	1.0001	0.9993	3,223.19
MCFCI (GSR 8)	90,908	2,852.51	0.9887	2,820.29	0.9957	1.0089	1.0138	1.0134	1.0000	1.0001	0.9993	2,908.94
MCFCI (GSR 11)	3,917	2,918.42	1.0066	2,937.62	1.0005	1.0059	1.0128	1.0241	1.0000	1.0001	0.9992	3,064.36
Total Base Cohort	500,831	\$2,991.60	1.0155	\$3,038.05	0.9973	1.0063	1.0149	0.9996	1.0000	1.0001	0.9993	\$3,091.43

Non-Base Cohort Composite	MCO/GSR Specific Non-Base Rate Development			Projection to CY 2019							Projected Per Capita Monthly Costs	
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	2019 Non-Base Cohort Adjustment Factors							
		Composite Non-Base Cohort Costs	Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 11)	1,601	\$2,945.74	1.0055	\$2,962.00	0.9996	1.0059	1.0135	1.0241	1.0000	1.0001	0.9993	\$3,089.24
Care WI (GSR 13)	21,207	3,085.73	0.9535	2,942.16	0.9987	1.0049	1.0151	0.9803	1.0557	1.0001	0.9993	3,100.11
Inclusa (GSR 14)	6,944	3,244.97	1.1253	3,651.57	0.9985	1.0022	1.0177	0.9784	1.0793	1.0001	0.9994	3,924.93
LCI (GSR 13)	28,690	3,035.39	1.0573	3,209.36	0.9977	1.0058	1.0151	0.9803	1.0557	1.0001	0.9993	3,381.18
MCFCI (GSR 2)	1,345	2,939.50	1.0055	2,955.52	0.9985	1.0061	1.0141	1.0064	1.0000	1.0001	0.9993	3,028.71
MCFCI (GSR 3)	723	2,955.37	0.9805	2,897.72	0.9985	1.0061	1.0142	0.9870	1.0000	1.0001	0.9993	2,912.06
MCFCI (GSR 14)	5,210	3,131.65	0.9028	2,827.35	0.9989	1.0043	1.0155	0.9784	1.0793	1.0001	0.9994	3,039.67
Total Non-Base Cohort	65,720	\$3,076.38	1.0158	\$3,124.93	0.9982	1.0050	1.0154	0.9815	1.0573	1.0001	0.9994	\$3,301.38

Expansion Cohort Composite	MCO/GSR Specific Expansion Rate Development			Projection to CY 2019							Projected Per Capita Monthly Costs	
	2019 Exposure Months	Regression Results		MCO/GSR Specific Risk Adjusted Rate	2019 Expansion Cohort Adjustment Factors							
		Composite Expansion Cohort Costs	Risk Score - June 2018 Enrollment		Two-Year Utilization Trend	Two-Year Unit Cost Trend	One-Year Acuity Trend	Wage Index	Phase-In	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 Expansion - Taylor)	1,200	\$3,029.43	0.8489	\$2,571.58	0.9961	1.0062	1.0159	1.0005	1.0000	1.0001	0.9994	\$2,618.37
Care WI (GSR 5 Expansion - Adams)	867	2,883.04	0.9323	2,687.89	1.0010	1.0067	1.0116	0.9752	1.1511	1.0001	0.9992	3,073.75
Care WI (GSR 12)	12,081	3,167.67	1.0141	3,212.36	0.9977	1.0046	1.0162	1.0474	1.2010	1.0001	0.9994	4,113.42
Inclusa (GSR 1 Expansion - Taylor)	766	3,112.85	0.8506	2,647.93	0.9964	1.0050	1.0169	1.0005	1.0000	1.0001	0.9994	2,696.03
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	3,208	3,001.15	1.0524	3,158.29	0.9968	1.0060	1.0155	0.9707	1.0309	1.0001	0.9994	3,217.05
Inclusa (GSR 5 Expansion - Adams)	867	2,883.04	0.9323	2,687.89	1.0010	1.0067	1.0116	0.9752	1.1511	1.0001	0.9992	3,073.75
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	3,368	2,990.87	1.0530	3,149.46	0.9972	1.0060	1.0152	0.9707	1.0309	1.0001	0.9994	3,208.30
MCFCI (GSR 12)	2,618	3,065.31	1.0303	3,158.07	0.9972	1.0062	1.0151	1.0474	1.2010	1.0001	0.9994	4,043.93
Total Expansion Cohort	24,973	\$3,083.63	1.0075	\$3,106.75	0.9975	1.0053	1.0156	1.0195	1.1418	1.0001	0.9994	\$3,681.48

Grand Total	591,524	\$3,004.91	1.0152	\$3,050.60	0.9974	1.0061	1.0150	0.9984	1.0126	1.0001	0.9993	\$3,139.67
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Exhibit E2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

Base Cohort DD Development	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) x (D)
	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 - Non-Expansion Counties)	\$4,287.52	\$56.90	\$4,344.42	1.029	\$4,468.90
Care WI (GSR 2)	2,741.30	56.90	2,798.20	1.029	2,878.38
Care WI (GSR 3)	3,650.10	56.90	3,707.00	1.029	3,813.22
Care WI (GSR 5 - Non-Expansion Counties)	3,736.59	56.90	3,793.49	1.029	3,902.18
Care WI (GSR 6)	3,669.78	56.90	3,726.68	1.029	3,833.46
Care WI (GSR 5-6)	3,982.45	56.90	4,039.35	1.029	4,155.09
CCI (GSR 6)	3,678.11	56.90	3,735.01	1.052	3,929.23
CCI (GSR 5-6)	3,980.80	56.90	4,037.70	1.052	4,247.66
CCI (GSR 8)	3,642.61	56.90	3,699.51	1.052	3,891.88
CCI (GSR 9)	3,505.80	56.90	3,562.70	1.052	3,747.96
CCI (GSR 10)	3,702.47	56.90	3,759.37	1.052	3,954.86
CCI (GSR 11)	3,788.05	56.90	3,844.95	1.052	4,044.89
Inclusa (GSR 1 - Non-Expansion Counties)	4,333.71	56.90	4,390.61	0.987	4,334.41
Inclusa (GSR 2)	4,030.80	56.90	4,087.70	0.987	4,035.38
Inclusa (GSR 3)	3,714.29	56.90	3,771.19	0.987	3,722.92
Inclusa (GSR 4 - Non-Expansion Counties)	3,472.11	56.90	3,529.01	0.987	3,483.84
Inclusa (GSR 5 - Non-Expansion Counties)	3,729.85	56.90	3,786.75	0.987	3,738.28
Inclusa (GSR 5-6)	3,971.43	56.90	4,028.33	0.987	3,976.77
Inclusa (GSR 7)	3,824.65	56.90	3,881.55	0.987	3,831.87
LCI (GSR 4 - Non-Expansion Counties)	3,470.92	56.90	3,527.82	1.049	3,701.58
LCI (GSR 9)	3,540.84	56.90	3,597.74	1.049	3,774.94
LCI (GSR 10)	3,707.80	56.90	3,764.70	1.049	3,950.13
MCFCI (GSR 6)	3,669.78	56.90	3,726.68	0.994	3,704.32
MCFCI (GSR 5-6)	3,971.43	56.90	4,028.33	0.994	4,004.16
MCFCI (GSR 8)	3,824.35	56.90	3,881.25	0.994	3,857.96
MCFCI (GSR 11)	3,811.31	56.90	3,868.21	0.994	3,845.00
Total DD Base Cohort	\$3,780.32	\$56.90	\$3,837.22	1.016	\$3,899.41
Non-Base Cohort DD Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP			
Care WI (GSR 11)	\$3,811.31	\$56.90	\$3,868.21	1.029	\$3,979.04
Care WI (GSR 13)	3,497.61	56.90	3,554.51	1.029	3,656.36
Inclusa (GSR 14)	4,484.04	56.90	4,540.94	0.987	4,482.82
LCI (GSR 13)	3,964.38	56.90	4,021.28	1.049	4,219.34
MCFCI (GSR 2)	3,904.67	56.90	3,961.57	0.994	3,937.80
MCFCI (GSR 3)	3,650.10	56.90	3,707.00	0.994	3,684.76
MCFCI (GSR 14)	3,347.42	56.90	3,404.32	0.994	3,383.89
Total DD Non-Base Cohort	\$3,820.18	\$56.90	\$3,877.08	1.027	\$3,982.88
Expansion Cohort DD Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP			
Care WI (GSR 1 Expansion - Taylor)	\$3,195.08	\$56.90	\$3,251.98	1.000	\$3,251.98
Care WI (GSR 5 Expansion - Adams)	3,687.02	56.90	3,743.92	1.000	3,743.92
Care WI (GSR 12)	4,418.15	56.90	4,475.05	1.000	4,475.05
Inclusa (GSR 1 Expansion - Taylor)	3,195.08	56.90	3,251.98	1.000	3,251.98
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	4,078.74	56.90	4,135.64	1.000	4,135.64
Inclusa (GSR 5 Expansion - Adams)	3,687.02	56.90	3,743.92	1.000	3,743.92
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	4,078.74	56.90	4,135.64	1.000	4,135.64
MCFCI (GSR 12)	4,418.15	56.90	4,475.05	1.000	4,475.05
Total DD Expansion Cohort	\$4,213.70	\$56.90	\$4,270.60	1.000	\$4,270.60
Total DD Population	\$3,806.18	\$56.90	\$3,863.08	1.017	\$3,927.79

Exhibit E2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) x (D)
Base Cohort PD Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 - Non-Expansion Counties)	\$2,659.22	\$39.02	\$2,698.24	1.029	\$2,775.55
Care WI (GSR 2)	2,019.99	39.02	2,059.01	1.029	2,118.01
Care WI (GSR 3)	2,190.42	39.02	2,229.44	1.029	2,293.32
Care WI (GSR 5 - Non-Expansion Counties)	2,667.33	39.02	2,706.35	1.029	2,783.89
Care WI (GSR 6)	2,636.69	39.02	2,675.71	1.029	2,752.38
Care WI (GSR 5-6)	3,086.12	39.02	3,125.14	1.029	3,214.68
CCI (GSR 6)	2,646.57	39.02	2,685.59	1.052	2,825.24
CCI (GSR 5-6)	2,529.73	39.02	2,568.75	1.052	2,702.33
CCI (GSR 8)	2,319.42	39.02	2,358.44	1.052	2,481.08
CCI (GSR 9)	2,175.60	39.02	2,214.62	1.052	2,329.78
CCI (GSR 10)	2,448.28	39.02	2,487.30	1.052	2,616.64
CCI (GSR 11)	2,545.16	39.02	2,584.18	1.052	2,718.56
Inclusa (GSR 1 - Non-Expansion Counties)	2,682.76	39.02	2,721.78	0.987	2,686.94
Inclusa (GSR 2)	2,313.21	39.02	2,352.23	0.987	2,322.12
Inclusa (GSR 3)	2,218.15	39.02	2,257.17	0.987	2,228.28
Inclusa (GSR 4 - Non-Expansion Counties)	2,443.75	39.02	2,482.77	0.987	2,450.99
Inclusa (GSR 5 - Non-Expansion Counties)	2,648.35	39.02	2,687.37	0.987	2,652.97
Inclusa (GSR 5-6)	2,744.15	39.02	2,783.17	0.987	2,747.55
Inclusa (GSR 7)	2,421.22	39.02	2,460.24	0.987	2,428.75
LCI (GSR 4 - Non-Expansion Counties)	2,418.59	39.02	2,457.61	1.049	2,578.66
LCI (GSR 9)	2,201.74	39.02	2,240.76	1.049	2,351.13
LCI (GSR 10)	2,507.89	39.02	2,546.91	1.049	2,672.35
MCFCI (GSR 6)	2,636.69	39.02	2,675.71	0.994	2,659.66
MCFCI (GSR 5-6)	2,744.15	39.02	2,783.17	0.994	2,766.47
MCFCI (GSR 8)	2,311.93	39.02	2,350.95	0.994	2,336.84
MCFCI (GSR 11)	2,500.30	39.02	2,539.32	0.994	2,524.08
Total PD Base Cohort	\$2,405.13	\$39.02	\$2,444.15	1.017	\$2,485.46
Non-Base Cohort PD Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 11)	\$2,500.30	\$39.02	\$2,539.32	1.029	\$2,612.08
Care WI (GSR 13)	2,716.95	39.02	2,755.97	1.029	2,834.94
Inclusa (GSR 14)	2,770.82	39.02	2,809.84	0.987	2,773.87
LCI (GSR 13)	2,919.94	39.02	2,958.96	1.049	3,104.70
MCFCI (GSR 2)	2,266.03	39.02	2,305.05	0.994	2,291.22
MCFCI (GSR 3)	2,190.42	39.02	2,229.44	0.994	2,216.06
MCFCI (GSR 14)	2,714.59	39.02	2,753.61	0.994	2,737.09
Total PD Non-Base Cohort	\$2,775.60	\$39.02	\$2,814.62	1.031	\$2,901.57
Expansion Cohort PD Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 Expansion - Taylor)	\$2,123.00	\$39.02	\$2,162.02	1.000	\$2,162.02
Care WI (GSR 5 Expansion - Adams)	2,899.65	39.02	2,938.67	1.000	2,938.67
Care WI (GSR 12)	4,130.29	39.02	4,169.31	1.000	4,169.31
Inclusa (GSR 1 Expansion - Taylor)	2,123.00	39.02	2,162.02	1.000	2,162.02
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	2,523.84	39.02	2,562.86	1.000	2,562.86
Inclusa (GSR 5 Expansion - Adams)	2,899.65	39.02	2,938.67	1.000	2,938.67
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	2,523.84	39.02	2,562.86	1.000	2,562.86
MCFCI (GSR 12)	4,130.29	39.02	4,169.31	1.000	4,169.31
Total PD Expansion Cohort	\$3,339.86	\$39.02	\$3,378.88	1.000	\$3,378.88
Total PD Population	\$2,475.62	\$39.02	\$2,514.64	1.018	\$2,559.49

Exhibit E2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

Base Cohort FE Development	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) x (D)
	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 - Non-Expansion Counties)	\$2,680.77	\$0.43	\$2,681.20	1.029	\$2,758.02
Care WI (GSR 2)	2,128.12	0.43	2,128.55	1.029	2,189.54
Care WI (GSR 3)	2,463.12	0.43	2,463.55	1.029	2,534.14
Care WI (GSR 5 - Non-Expansion Counties)	2,558.13	0.43	2,558.56	1.029	2,631.87
Care WI (GSR 6)	2,590.25	0.43	2,590.68	1.029	2,664.91
Care WI (GSR 5-6)	2,806.86	0.43	2,807.29	1.029	2,887.73
CCI (GSR 6)	2,626.37	0.43	2,626.80	1.052	2,763.39
CCI (GSR 5-6)	2,764.98	0.43	2,765.41	1.052	2,909.21
CCI (GSR 8)	2,541.14	0.43	2,541.57	1.052	2,673.73
CCI (GSR 9)	2,601.18	0.43	2,601.61	1.052	2,736.89
CCI (GSR 10)	2,555.69	0.43	2,556.12	1.052	2,689.04
CCI (GSR 11)	2,581.66	0.43	2,582.09	1.052	2,716.36
Inclusa (GSR 1 - Non-Expansion Counties)	2,753.29	0.43	2,753.72	0.987	2,718.47
Inclusa (GSR 2)	2,545.29	0.43	2,545.72	0.987	2,513.13
Inclusa (GSR 3)	2,535.46	0.43	2,535.89	0.987	2,503.43
Inclusa (GSR 4 - Non-Expansion Counties)	2,526.34	0.43	2,526.77	0.987	2,494.43
Inclusa (GSR 5 - Non-Expansion Counties)	2,555.63	0.43	2,556.06	0.987	2,523.34
Inclusa (GSR 5-6)	2,793.66	0.43	2,794.09	0.987	2,758.33
Inclusa (GSR 7)	2,500.65	0.43	2,501.08	0.987	2,469.07
LCI (GSR 4 - Non-Expansion Counties)	2,532.83	0.43	2,533.26	1.049	2,658.03
LCI (GSR 9)	2,632.42	0.43	2,632.85	1.049	2,762.53
LCI (GSR 10)	2,573.03	0.43	2,573.46	1.049	2,700.21
MCFCI (GSR 6)	2,590.25	0.43	2,590.68	0.994	2,575.14
MCFCI (GSR 5-6)	2,793.66	0.43	2,794.09	0.994	2,777.33
MCFCI (GSR 8)	2,512.65	0.43	2,513.08	0.994	2,498.00
MCFCI (GSR 11)	2,588.15	0.43	2,588.58	0.994	2,573.05
Total FE Base Cohort	\$2,572.02	\$0.43	\$2,572.45	1.014	\$2,608.45
Non-Base Cohort FE Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP			
Care WI (GSR 11)	\$2,588.15	\$0.43	\$2,588.58	1.029	\$2,662.75
Care WI (GSR 13)	2,588.20	0.43	2,588.63	1.029	2,662.80
Inclusa (GSR 14)	2,795.35	0.43	2,795.78	0.987	2,759.99
LCI (GSR 13)	2,776.19	0.43	2,776.62	1.049	2,913.38
MCFCI (GSR 2)	2,490.70	0.43	2,491.13	0.994	2,476.18
MCFCI (GSR 3)	2,463.12	0.43	2,463.55	0.994	2,448.77
MCFCI (GSR 14)	2,557.61	0.43	2,558.04	0.994	2,542.69
Total FE Non-Base Cohort	\$2,691.76	\$0.43	\$2,692.19	1.033	\$2,780.16
Expansion Cohort FE Development	Application of HCRP			Market Variability Adjustment	2019 Service Costs
Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP			
Care WI (GSR 1 Expansion - Taylor)	\$2,088.48	\$0.43	\$2,088.91	1.000	\$2,088.91
Care WI (GSR 5 Expansion - Adams)	2,501.40	0.43	2,501.83	1.000	2,501.83
Care WI (GSR 12)	3,490.18	0.43	3,490.61	1.000	3,490.61
Inclusa (GSR 1 Expansion - Taylor)	2,088.48	0.43	2,088.91	1.000	2,088.91
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	2,484.50	0.43	2,484.93	1.000	2,484.93
Inclusa (GSR 5 Expansion - Adams)	2,501.40	0.43	2,501.83	1.000	2,501.83
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	2,484.50	0.43	2,484.93	1.000	2,484.93
MCFCI (GSR 12)	3,490.18	0.43	3,490.61	1.000	3,490.61
Total FE Expansion Cohort	\$2,984.97	\$0.43	\$2,985.40	1.000	\$2,985.40
Total FE Population	\$2,599.38	\$0.43	\$2,599.81	1.015	\$2,639.27

Exhibit E2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Service Portion of LTC Rate
Nursing Home Level of Care

	(A)	(B)	(C) = (A) + (B)	(D)	(E) = (C) x (D)
Base Cohort Composite	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 - Non-Expansion Counties)	\$3,084.16	\$22.30	\$3,106.46	1.029	\$3,195.47
Care WI (GSR 2)	2,316.18	31.66	2,347.84	1.029	2,415.11
Care WI (GSR 3)	2,763.99	25.93	2,789.92	1.029	2,869.86
Care WI (GSR 5 - Non-Expansion Counties)	3,222.09	36.33	3,258.42	1.029	3,351.78
Care WI (GSR 6)	2,933.74	25.38	2,959.12	1.029	3,043.91
Care WI (GSR 5-6)	3,418.76	31.98	3,450.74	1.029	3,549.61
CCI (GSR 6)	3,201.06	35.45	3,236.51	1.052	3,404.81
CCI (GSR 5-6)	3,338.74	32.68	3,371.42	1.052	3,546.73
CCI (GSR 8)	2,912.07	36.15	2,948.22	1.052	3,101.53
CCI (GSR 9)	2,763.34	26.62	2,789.96	1.052	2,935.04
CCI (GSR 10)	3,179.39	35.78	3,215.17	1.052	3,382.36
CCI (GSR 11)	3,189.24	36.22	3,225.46	1.052	3,393.18
Inclusa (GSR 1 - Non-Expansion Counties)	3,542.43	34.49	3,576.92	0.987	3,531.14
Inclusa (GSR 2)	3,190.63	33.40	3,224.03	0.987	3,182.76
Inclusa (GSR 3)	3,071.69	35.60	3,107.29	0.987	3,067.52
Inclusa (GSR 4 - Non-Expansion Counties)	3,003.63	35.67	3,039.30	0.987	3,000.40
Inclusa (GSR 5 - Non-Expansion Counties)	3,033.93	30.24	3,064.17	0.987	3,024.95
Inclusa (GSR 5-6)	3,302.19	32.98	3,335.17	0.987	3,292.48
Inclusa (GSR 7)	3,114.57	32.87	3,147.44	0.987	3,107.15
LCI (GSR 4 - Non-Expansion Counties)	2,716.55	18.83	2,735.38	1.049	2,870.11
LCI (GSR 9)	3,055.63	36.04	3,091.67	1.049	3,243.95
LCI (GSR 10)	2,913.83	23.97	2,937.80	1.049	3,082.50
MCFCI (GSR 6)	3,083.49	33.14	3,116.63	0.994	3,097.93
MCFCI (GSR 5-6)	3,223.19	27.46	3,250.65	0.994	3,231.15
MCFCI (GSR 8)	2,908.94	25.58	2,934.52	0.994	2,916.91
MCFCI (GSR 11)	3,064.36	35.45	3,099.81	0.994	3,081.21
Total Base Cohort	\$3,091.43	\$32.59	\$3,124.02	1.016	\$3,172.79
Non-Base Cohort Composite	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 11)	\$3,089.24	\$34.85	\$3,124.09	1.029	\$3,213.60
Care WI (GSR 13)	3,100.11	37.49	3,137.60	1.029	3,227.50
Inclusa (GSR 14)	3,924.93	42.43	3,967.36	0.987	3,916.58
LCI (GSR 13)	3,381.18	34.13	3,415.31	1.049	3,583.53
MCFCI (GSR 2)	3,028.71	33.06	3,061.77	0.994	3,043.40
MCFCI (GSR 3)	2,912.06	33.83	2,945.89	0.994	2,928.21
MCFCI (GSR 14)	3,039.67	39.34	3,079.01	0.994	3,060.54
Total Non-Base Cohort	\$3,301.38	\$36.50	\$3,337.88	1.029	\$3,435.09
Expansion Cohort Composite	Application of HCRP			Market Variability Adjustment	2019 Service Costs
	Projected Per Capita Monthly Costs	HCRP Pooled Claims	Projected Per Capita Monthly Costs w/ HCRP		
Care WI (GSR 1 Expansion - Taylor)	\$2,618.37	\$31.26	\$2,649.63	1.000	\$2,649.63
Care WI (GSR 5 Expansion - Adams)	3,073.75	33.71	3,107.46	1.000	3,107.46
Care WI (GSR 12)	4,113.42	38.32	4,151.74	1.000	4,151.74
Inclusa (GSR 1 Expansion - Taylor)	2,696.03	34.35	2,730.38	1.000	2,730.38
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	3,217.05	31.47	3,248.52	1.000	3,248.52
Inclusa (GSR 5 Expansion - Adams)	3,073.75	33.71	3,107.46	1.000	3,107.46
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	3,208.30	31.86	3,240.16	1.000	3,240.16
MCFCI (GSR 12)	4,043.93	34.08	4,078.01	1.000	4,078.01
Total Expansion Cohort	\$3,681.48	\$35.34	\$3,716.82	1.000	\$3,716.83
Grand Total	\$3,139.67	\$33.14	\$3,172.81	1.016	\$3,224.90

Exhibit F
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Non-Service Portion of Rates, MCE, and Capitation Rates
 Nursing Home Level of Care

Base Cohort DD Development	2019 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	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 - Non-Expansion Counties)	1,063	\$4,344.42	\$4,468.90	\$56.90	\$4,412.00	\$127.63	\$0.22	\$127.85	2.9%	1.5%	\$70.00	\$4,472.27	\$4,696.85	\$4,696.85	\$23.33	\$4,686.52
Care WI (GSR 2)	2,318	2,798.20	2,878.38	56.90	2,821.48	127.63	0.22	127.85	4.4%	1.5%	45.78	2,926.05	3,052.01	2,995.11	15.26	2,979.85
Care WI (GSR 3)	1,387	3,707.00	3,813.22	56.90	3,756.32	127.63	0.22	127.85	3.3%	1.5%	60.02	3,834.85	4,001.09	3,944.19	20.01	3,924.18
Care WI (GSR 5 - Non-Expansion Counties)	16,236	3,793.49	3,902.18	56.90	3,845.28	127.63	0.22	127.85	3.3%	1.5%	61.37	3,921.34	4,091.40	4,034.50	20.46	4,014.04
Care WI (GSR 6)	1,608	3,726.68	3,833.46	56.90	3,776.56	127.63	0.22	127.85	3.3%	1.5%	60.32	3,854.53	4,021.63	3,964.73	20.11	3,944.62
Care WI (GSR 5-6)	9,566	4,039.35	4,155.09	56.90	4,098.19	127.63	0.22	127.85	3.1%	1.5%	65.22	4,167.20	4,348.16	4,291.26	21.74	4,269.52
CCI (GSR 6)	12,250	3,735.01	3,929.23	56.90	3,872.33	116.54	0.22	116.76	3.0%	1.5%	61.61	3,851.77	4,107.60	4,050.70	20.54	4,030.16
CCI (GSR 5-6)	8,064	4,037.70	4,247.66	56.90	4,190.76	116.54	0.22	116.76	2.8%	1.5%	66.46	4,154.46	4,430.88	4,373.98	22.15	4,351.83
CCI (GSR 8)	15,208	3,699.51	3,891.88	56.90	3,834.98	116.54	0.22	116.76	3.1%	1.5%	61.05	3,816.27	4,069.69	4,012.79	20.35	3,992.44
CCI (GSR 9)	1,435	3,562.70	3,747.96	56.90	3,691.06	116.54	0.22	116.76	3.2%	1.5%	58.85	3,679.46	3,923.57	3,866.67	19.62	3,847.05
CCI (GSR 10)	10,245	3,759.37	3,954.86	56.90	3,897.96	116.54	0.22	116.76	3.0%	1.5%	62.00	3,876.13	4,133.62	4,076.72	20.67	4,056.05
CCI (GSR 11)	15,002	3,844.95	4,044.89	56.90	3,987.99	116.54	0.22	116.76	2.9%	1.5%	63.38	3,961.71	4,225.03	4,168.13	21.13	4,147.00
Inclusa (GSR 1 - Non-Expansion Counties)	14,524	4,390.61	4,334.41	56.90	4,277.51	120.23	0.22	120.45	2.7%	1.5%	67.84	4,511.06	4,522.70	4,465.80	22.61	4,443.19
Inclusa (GSR 2)	20,040	4,087.70	4,035.38	56.90	3,978.48	120.23	0.22	120.45	2.9%	1.5%	63.29	4,208.15	4,219.12	4,162.22	21.10	4,141.12
Inclusa (GSR 3)	11,801	3,771.19	3,722.92	56.90	3,666.02	120.23	0.22	120.45	3.1%	1.5%	58.53	3,891.64	3,901.90	3,845.00	19.51	3,825.49
Inclusa (GSR 4 - Non-Expansion Counties)	20,803	3,529.01	3,483.84	56.90	3,426.94	120.23	0.22	120.45	3.3%	1.5%	54.89	3,649.46	3,659.18	3,602.28	18.30	3,583.98
Inclusa (GSR 5 - Non-Expansion Counties)	735	3,786.75	3,738.28	56.90	3,681.38	120.23	0.22	120.45	3.1%	1.5%	58.76	3,907.20	3,917.49	3,860.59	19.59	3,841.00
Inclusa (GSR 5-6)	304	4,028.33	3,976.77	56.90	3,919.87	120.23	0.22	120.45	2.9%	1.5%	62.39	4,148.78	4,159.61	4,102.71	20.80	4,081.91
Inclusa (GSR 7)	13,796	3,881.55	3,831.87	56.90	3,774.97	120.23	0.22	120.45	3.0%	1.5%	60.19	4,002.00	4,012.51	3,955.61	20.06	3,935.55
LCI (GSR 4 - Non-Expansion Counties)	586	3,527.82	3,701.58	56.90	3,644.68	138.09	0.22	138.31	3.8%	1.5%	58.48	3,666.13	3,898.37	3,841.47	19.49	3,821.98
LCI (GSR 9)	16,082	3,597.74	3,774.94	56.90	3,718.04	138.09	0.22	138.31	3.7%	1.5%	59.59	3,736.05	3,972.84	3,915.94	19.86	3,896.08
LCI (GSR 10)	1,419	3,764.70	3,950.13	56.90	3,893.23	138.09	0.22	138.31	3.5%	1.5%	62.26	3,903.01	4,150.70	4,093.80	20.75	4,073.05
MCFCI (GSR 6)	433	3,726.68	3,704.32	56.90	3,647.42	126.72	0.22	126.94	3.3%	1.5%	58.34	3,853.62	3,889.60	3,832.70	19.45	3,813.25
MCFCI (GSR 5-6)	680	4,028.33	4,004.16	56.90	3,947.26	126.72	0.22	126.94	3.1%	1.5%	62.91	4,155.27	4,194.01	4,137.11	20.97	4,116.14
MCFCI (GSR 8)	29,848	3,881.25	3,857.96	56.90	3,801.06	126.72	0.22	126.94	3.2%	1.5%	60.68	4,008.19	4,045.58	3,988.68	20.23	3,968.45
MCFCI (GSR 11)	1,611	3,868.21	3,845.00	56.90	3,788.10	126.72	0.22	126.94	3.2%	1.5%	60.49	3,995.15	4,032.43	3,975.53	20.16	3,955.37
Total DD Base Cohort	227,043	\$3,837.22	\$3,899.41	\$56.90	\$3,842.51	\$122.62	\$0.22	\$122.84	3.1%	1.5%	\$61.26	\$3,960.06	\$4,083.51	\$4,026.61	\$20.42	\$4,006.19

Non-Base Cohort DD Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 11)	687	\$3,868.21	\$3,979.04	\$56.90	\$3,922.14	\$127.63	\$0.22	\$127.85	3.2%	1.5%	\$62.54	\$3,996.06	\$4,169.43	\$4,112.53	\$20.85	\$4,091.68
Care WI (GSR 13)	11,420	3,554.51	3,656.36	56.90	3,599.46	127.63	0.22	127.85	3.5%	1.5%	57.63	3,682.36	3,841.84	3,784.94	19.21	3,765.73
Inclusa (GSR 14)	4,650	4,540.94	4,482.82	56.90	4,425.92	120.23	0.22	120.45	2.8%	1.5%	70.10	4,661.39	4,673.37	4,616.47	23.37	4,593.10
LCI (GSR 13)	14,067	4,021.28	4,219.34	56.90	4,162.44	138.09	0.22	138.31	3.3%	1.5%	66.36	4,159.59	4,324.01	4,267.11	22.12	4,244.99
MCFCI (GSR 2)	562	3,961.57	3,937.80	56.90	3,880.90	126.72	0.22	126.94	3.1%	1.5%	61.90	4,088.51	4,126.64	4,069.74	20.63	4,049.11
MCFCI (GSR 3)	312	3,707.00	3,684.76	56.90	3,627.86	126.72	0.22	126.94	3.3%	1.5%	58.05	3,833.94	3,869.75	3,812.85	19.35	3,793.50
MCFCI (GSR 14)	3,012	3,404.32	3,383.89	56.90	3,326.99	126.72	0.22	126.94	3.6%	1.5%	53.46	3,531.26	3,564.29	3,507.39	17.82	3,489.57
Total DD Non-Base Cohort	34,715	\$3,877.08	\$3,982.88	\$56.90	\$3,925.98	\$130.77	\$0.22	\$130.99	3.3%	1.5%	\$62.65	\$4,008.07	\$4,176.52	\$4,119.62	\$20.88	\$4,098.74

Expansion Cohort DD Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 Expansion - Taylor)	571	\$3,251.98	\$3,251.98	\$56.90	\$3,195.08	\$127.63	\$0.22	\$127.85	3.8%	1.5%	\$51.47	\$3,379.83	\$3,431.30	\$3,374.40	\$17.16	\$3,357.24
Care WI (GSR 5 Expansion - Adams)	329	3,743.92	3,743.92	56.90	3,687.02	127.63	0.22	127.85	3.3%	1.5%	58.96	3,871.77	3,930.73	3,873.83	19.65	3,854.18
Care WI (GSR 12)	7,251	4,475.05	4,475.05	56.90	4,418.15	127.63	0.22	127.85	2.8%	1.5%	70.09	4,602.90	4,672.99	4,616.09	23.36	4,592.73
Inclusa (GSR 1 Expansion - Taylor)	419	3,251.98	3,251.98	56.90	3,195.08	120.23	0.22	120.45	3.6%	1.5%	51.36	3,372.43	3,423.79	3,366.89	17.12	3,349.77
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,463	4,135.64	4,135.64	56.90	4,078.74	120.23	0.22	120.45	2.8%	1.5%	64.81	4,256.09	4,320.90	4,264.00	21.60	4,242.40
Inclusa (GSR 5 Expansion - Adams)	329	3,743.92	3,743.92	56.90	3,687.02	120.23	0.22	120.45	3.1%	1.5%	58.85	3,864.37	3,923.22	3,866.32	19.62	3,846.70
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,516	4,135.64	4,135.64	56.90	4,078.74	138.09	0.22	138.31	3.2%	1.5%	65.09	4,273.95	4,339.04	4,282.14	21.70	4,260.44
MCFCI (GSR 12)	1,339	4,475.05	4,475.05	56.90	4,418.15	126.72	0.22	126.94	2.8%	1.5%	70.08	4,601.99	4,672.07	4,615.17	23.36	4,591.81
Total DD Expansion Cohort	13,217	\$4,270.60	\$4,270.60	\$56.90	\$4,213.70	\$127.50	\$0.22	\$127.72	2.9%	1.5%	\$66.98	\$4,398.32	\$4,465.30	\$4,408.40	\$22.33	\$4,386.07
Total DD Population	274,975	\$3,863.08	\$3,927.79	\$56.90	\$3,870.89	\$123.88	\$0.22	\$124.10	3.1%	1.5%	\$61.71	\$3,987.19	\$4,113.60	\$4,056.70	\$20.57	\$4,036.13

Exhibit F
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Non-Service Portion of Rates, MCE, and Capitation Rates
 Nursing Home Level of Care

Base Cohort PD Development	2019 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	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 - Non-Expansion Counties)	819	\$2,698.24	\$2,775.55	\$39.02	\$2,736.53	\$127.63	\$0.22	\$127.85	4.5%	1.5%	\$44.21	\$2,826.09	\$2,947.61	\$2,906.59	\$14.74	\$2,893.85
Care WI (GSR 2)	1,859	2,069.01	2,118.01	39.02	2,078.99	127.63	0.22	127.85	5.8%	1.5%	34.20	2,186.86	2,280.06	2,241.04	11.40	2,229.64
Care WI (GSR 3)	992	2,229.44	2,293.32	39.02	2,254.30	127.63	0.22	127.85	5.4%	1.5%	36.87	2,357.29	2,458.04	2,419.02	12.29	2,406.73
Care WI (GSR 5 - Non-Expansion Counties)	3,598	2,706.35	2,783.89	39.02	2,744.87	127.63	0.22	127.85	4.5%	1.5%	44.34	2,834.20	2,956.08	2,917.06	14.78	2,902.28
Care WI (GSR 6)	1,002	2,675.71	2,752.38	39.02	2,713.36	127.63	0.22	127.85	4.6%	1.5%	43.86	2,803.56	2,924.09	2,885.07	14.62	2,870.45
Care WI (GSR 5-6)	1,642	3,125.14	3,214.68	39.02	3,175.66	127.63	0.22	127.85	3.9%	1.5%	50.90	3,252.99	3,393.43	3,354.41	16.97	3,337.44
CCI (GSR 6)	2,496	2,685.59	2,825.24	39.02	2,786.22	116.54	0.22	116.76	4.2%	1.5%	44.80	2,802.35	2,986.80	2,947.78	14.93	2,932.85
CCI (GSR 5-6)	1,846	2,568.75	2,702.33	39.02	2,663.31	116.54	0.22	116.76	4.3%	1.5%	42.93	2,685.51	2,862.02	2,823.00	14.31	2,808.69
CCI (GSR 8)	12,583	2,358.44	2,481.08	39.02	2,442.06	116.54	0.22	116.76	4.7%	1.5%	39.56	2,475.20	2,637.40	2,598.38	13.19	2,585.19
CCI (GSR 9)	1,198	2,214.62	2,329.78	39.02	2,290.76	116.54	0.22	116.76	5.0%	1.5%	37.26	2,331.38	2,483.80	2,444.78	12.42	2,432.36
CCI (GSR 10)	1,955	2,487.30	2,616.64	39.02	2,577.62	116.54	0.22	116.76	4.5%	1.5%	41.63	2,604.06	2,775.03	2,736.01	13.88	2,722.13
CCI (GSR 11)	5,372	2,584.18	2,718.56	39.02	2,679.54	116.54	0.22	116.76	4.3%	1.5%	43.18	2,700.94	2,878.50	2,839.48	14.39	2,825.09
Inclusa (GSR 1 - Non-Expansion Counties)	4,099	2,721.78	2,886.94	39.02	2,847.92	120.23	0.22	120.45	4.2%	1.5%	42.75	2,842.23	2,850.14	2,811.12	14.25	2,796.87
Inclusa (GSR 2)	7,715	2,352.23	2,322.12	39.02	2,283.10	120.23	0.22	120.45	4.9%	1.5%	37.20	2,472.68	2,479.77	2,440.75	12.40	2,428.35
Inclusa (GSR 3)	4,141	2,257.17	2,228.28	39.02	2,189.26	120.23	0.22	120.45	5.1%	1.5%	35.77	2,377.62	2,384.50	2,345.48	11.92	2,333.56
Inclusa (GSR 4 - Non-Expansion Counties)	6,217	2,482.77	2,450.99	39.02	2,411.97	120.23	0.22	120.45	4.6%	1.5%	39.16	2,603.22	2,610.60	2,571.58	13.05	2,558.53
Inclusa (GSR 5 - Non-Expansion Counties)	375	2,687.97	2,852.97	39.02	2,819.95	120.23	0.22	120.45	4.3%	1.5%	42.23	2,807.82	2,815.65	2,776.63	14.08	2,762.55
Inclusa (GSR 5-6)	1,938	2,783.17	2,747.55	39.02	2,708.53	120.23	0.22	120.45	4.1%	1.5%	43.68	2,903.62	2,911.68	2,872.66	14.56	2,858.10
Inclusa (GSR 7)	4,350	2,480.24	2,428.75	39.02	2,389.73	120.23	0.22	120.45	4.7%	1.5%	38.82	2,580.69	2,588.02	2,549.00	12.94	2,536.06
LCI (GSR 4 - Non-Expansion Counties)	439	2,457.61	2,578.66	39.02	2,539.64	138.09	0.22	138.31	5.3%	1.5%	41.38	2,595.92	2,758.35	2,719.33	13.79	2,705.54
LCI (GSR 9)	4,292	2,240.76	2,351.13	39.02	2,312.11	138.09	0.22	138.31	5.8%	1.5%	37.91	2,379.07	2,527.35	2,488.33	12.64	2,475.69
LCI (GSR 10)	722	2,546.91	2,672.35	39.02	2,633.33	138.09	0.22	138.31	5.2%	1.5%	42.80	2,685.22	2,853.46	2,814.44	14.27	2,800.17
MCFCI (GSR 6)	184	2,675.71	2,659.66	39.02	2,620.64	126.72	0.22	126.94	4.5%	1.5%	42.44	2,802.65	2,829.04	2,790.02	14.15	2,775.87
MCFCI (GSR 5-6)	288	2,783.17	2,766.47	39.02	2,727.45	126.72	0.22	126.94	4.4%	1.5%	44.06	2,910.11	2,937.47	2,898.45	14.69	2,883.76
MCFCI (GSR 8)	15,573	2,350.95	2,336.84	39.02	2,297.82	126.72	0.22	126.94	5.1%	1.5%	37.52	2,477.89	2,501.30	2,462.28	12.51	2,449.77
MCFCI (GSR 11)	1,198	2,539.32	2,524.08	39.02	2,485.06	126.72	0.22	126.94	4.8%	1.5%	40.37	2,666.26	2,691.39	2,652.37	13.46	2,638.91
Total PD Base Cohort	85,090	\$2,444.15	\$2,485.46	\$39.02	\$2,446.44	\$122.45	\$0.22	\$122.67	4.8%	1.5%	\$39.72	\$2,566.82	\$2,647.85	\$2,608.83	\$13.24	\$2,595.59
Non-Base Cohort PD Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 11)	424	\$2,539.32	\$2,612.08	\$39.02	\$2,573.06	\$127.63	\$0.22	\$127.85	4.8%	1.5%	\$41.72	\$2,667.17	\$2,781.65	\$2,742.63	\$13.91	\$2,728.72
Care WI (GSR 13)	3,653	2,755.97	2,834.94	39.02	2,795.92	127.63	0.22	127.85	4.4%	1.5%	45.12	2,883.82	3,007.91	2,968.89	15.04	2,953.85
Inclusa (GSR 14)	745	2,809.84	2,773.87	39.02	2,734.85	120.23	0.22	120.45	4.1%	1.5%	44.06	2,930.29	2,938.40	2,899.38	14.69	2,884.69
LCI (GSR 13)	4,472	2,958.96	3,104.70	39.02	3,065.68	138.09	0.22	138.31	4.5%	1.5%	49.39	3,097.27	3,292.40	3,253.38	16.46	3,236.92
MCFCI (GSR 2)	315	2,305.05	2,291.22	39.02	2,252.20	126.72	0.22	126.94	5.2%	1.5%	36.82	2,431.99	2,454.98	2,415.96	12.27	2,403.69
MCFCI (GSR 3)	169	2,229.44	2,216.06	39.02	2,177.04	126.72	0.22	126.94	5.4%	1.5%	35.68	2,356.38	2,378.68	2,339.66	11.89	2,327.77
MCFCI (GSR 14)	845	2,753.61	2,737.09	39.02	2,698.07	126.72	0.22	126.94	4.4%	1.5%	43.61	2,880.55	2,907.64	2,868.62	14.54	2,854.08
Total PD Non-Base Cohort	10,624	\$2,814.62	\$2,901.57	\$39.02	\$2,862.55	\$131.40	\$0.22	\$131.62	4.5%	1.5%	\$46.20	\$2,946.24	\$3,079.39	\$3,040.37	\$15.40	\$3,024.97
Expansion Cohort PD Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 Expansion - Taylor)	123	\$2,162.02	\$2,123.00	\$39.02	\$2,123.00	\$127.63	\$0.22	\$127.85	5.6%	1.5%	\$34.87	\$2,289.87	\$2,324.74	\$2,285.72	\$11.62	\$2,274.10
Care WI (GSR 5 Expansion - Adams)	266	2,938.67	2,938.67	39.02	2,899.65	127.63	0.22	127.85	4.2%	1.5%	46.70	3,066.52	3,113.22	3,074.20	15.57	3,058.63
Care WI (GSR 12)	1,250	4,169.31	4,169.31	39.02	4,130.29	127.63	0.22	127.85	3.0%	1.5%	65.44	4,297.16	4,362.60	4,323.58	21.81	4,301.77
Inclusa (GSR 1 Expansion - Taylor)	61	2,162.02	2,162.02	39.02	2,123.00	120.23	0.22	120.45	5.3%	1.5%	34.76	2,282.47	2,317.23	2,278.21	11.59	2,266.62
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	439	2,562.86	2,562.86	39.02	2,523.84	120.23	0.22	120.45	4.5%	1.5%	40.86	2,683.31	2,724.17	2,685.15	13.62	2,671.53
Inclusa (GSR 5 Expansion - Adams)	266	2,938.67	2,938.67	39.02	2,899.65	120.23	0.22	120.45	3.9%	1.5%	46.59	3,059.12	3,105.71	3,066.69	15.53	3,051.16
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	524	2,562.86	2,562.86	39.02	2,523.84	138.09	0.22	138.31	5.1%	1.5%	41.13	2,701.17	2,742.30	2,703.28	13.71	2,689.57
MCFCI (GSR 12)	323	4,169.31	4,169.31	39.02	4,130.29	126.72	0.22	126.94	3.0%	1.5%	65.43	4,296.25	4,361.68	4,322.66	21.81	4,300.85
Total PD Expansion Cohort	3,253	\$3,378.88	\$3,378.88	\$39.02	\$3,339.86	\$127.48	\$0.22	\$127.70	3.6%	1.5%	\$53.40	\$3,506.58	\$3,559.98	\$3,520.96	\$17.60	\$3,503.16
Total PD Population	98,967	\$2,514.64	\$2,559.49	\$39.02	\$2,520.47	\$123.58	\$0.22	\$123.80	4.7%	1.5%	\$40.86	\$2,638.44	\$2,724.15	\$2,685.13	\$13.62	\$2,671.51

Exhibit F
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Non-Service Portion of Rates, MCE, and Capitation Rates
 Nursing Home Level of Care

Base Cohort FE Development	2019 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	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 - Non-Expansion Counties)	2,308	\$2,681.20	\$2,758.02	\$0.43	\$2,757.59	\$127.63	\$0.22	\$127.85	4.8%	1.5%	\$43.95	\$2,809.05	\$2,920.82	\$2,929.39	\$14.65	\$3,014.74
Care WI (GSR 2)	2,310	2,138.55	2,189.54	0.43	2,188.11	127.63	0.22	127.85	5.7%	1.5%	35.29	2,266.40	2,352.68	2,352.25	11.76	2,340.49
Care WI (GSR 3)	2,195	2,463.55	2,534.14	0.43	2,533.71	127.63	0.22	127.85	4.9%	1.5%	40.54	2,591.40	2,702.53	2,702.10	13.51	2,688.59
Care WI (GSR 5 - Non-Expansion Counties)	9,575	2,558.56	2,631.87	0.43	2,631.44	127.63	0.22	127.85	4.8%	1.5%	42.03	2,686.41	2,801.52	2,801.32	14.01	2,787.31
Care WI (GSR 6)	2,578	2,590.68	2,664.91	0.43	2,664.48	127.63	0.22	127.85	4.7%	1.5%	42.53	2,718.53	2,835.29	2,834.86	14.18	2,820.68
Care WI (GSR 5-6)	7,920	2,807.29	2,887.73	0.43	2,887.30	127.63	0.22	127.85	4.4%	1.5%	45.92	2,935.14	3,061.50	3,061.07	15.31	3,045.76
CCI (GSR 6)	7,761	2,626.80	2,763.39	0.43	2,762.96	116.54	0.22	116.76	4.3%	1.5%	43.86	2,743.56	2,924.01	2,923.58	14.62	2,908.96
CCI (GSR 5-6)	6,421	2,765.41	2,909.21	0.43	2,908.78	116.54	0.22	116.76	4.1%	1.5%	46.08	2,882.17	3,072.05	3,071.62	15.36	3,056.26
CCI (GSR 8)	9,846	2,541.57	2,673.73	0.43	2,673.30	116.54	0.22	116.76	4.4%	1.5%	42.49	2,658.33	2,832.98	2,832.55	14.16	2,818.39
CCI (GSR 9)	2,227	2,601.61	2,736.89	0.43	2,736.46	116.54	0.22	116.76	4.3%	1.5%	43.46	2,718.37	2,897.11	2,896.68	14.49	2,882.19
CCI (GSR 10)	6,301	2,556.12	2,689.04	0.43	2,688.61	116.54	0.22	116.76	4.4%	1.5%	42.73	2,672.88	2,848.53	2,848.10	14.24	2,833.86
CCI (GSR 11)	9,090	2,582.09	2,716.36	0.43	2,715.93	116.54	0.22	116.76	4.3%	1.5%	43.14	2,698.85	2,876.26	2,875.83	14.38	2,861.45
Inclusa (GSR 1 - Non-Expansion Counties)	10,097	2,753.72	2,718.47	0.43	2,718.04	120.23	0.22	120.45	4.2%	1.5%	43.23	2,874.17	2,882.15	2,881.72	14.41	2,867.31
Inclusa (GSR 2)	15,601	2,545.72	2,513.13	0.43	2,512.70	120.23	0.22	120.45	4.5%	1.5%	40.11	2,666.17	2,673.69	2,673.26	13.37	2,659.89
Inclusa (GSR 3)	7,551	2,535.89	2,503.43	0.43	2,503.00	120.23	0.22	120.45	4.5%	1.5%	39.96	2,656.34	2,663.86	2,663.41	13.32	2,650.09
Inclusa (GSR 4 - Non-Expansion Counties)	13,126	2,526.77	2,494.43	0.43	2,494.00	120.23	0.22	120.45	4.6%	1.5%	40.26	2,647.22	2,654.70	2,654.27	13.27	2,641.00
Inclusa (GSR 5 - Non-Expansion Counties)	798	2,556.06	2,523.34	0.43	2,522.91	120.23	0.22	120.45	4.5%	1.5%	40.26	2,676.51	2,684.05	2,683.62	13.42	2,670.20
Inclusa (GSR 5-6)	2,949	2,794.09	2,758.33	0.43	2,757.90	120.23	0.22	120.45	4.1%	1.5%	43.84	2,914.54	2,922.52	2,922.19	14.61	2,907.58
Inclusa (GSR 7)	11,045	2,501.08	2,469.07	0.43	2,468.64	120.23	0.22	120.45	4.6%	1.5%	39.43	2,621.53	2,628.95	2,628.52	13.14	2,615.38
LCI (GSR 4 - Non-Expansion Counties)	1,695	2,533.26	2,658.03	0.43	2,657.60	138.09	0.22	138.31	5.2%	1.5%	42.58	2,671.57	2,838.92	2,838.49	14.19	2,824.30
LCI (GSR 9)	9,779	2,632.85	2,762.53	0.43	2,762.10	138.09	0.22	138.31	5.0%	1.5%	44.18	2,771.16	2,945.02	2,944.59	14.73	2,929.86
LCI (GSR 10)	2,447	2,573.46	2,700.21	0.43	2,699.78	138.09	0.22	138.31	5.1%	1.5%	43.23	2,711.77	2,881.75	2,881.32	14.41	2,866.91
MCFCI (GSR 6)	348	2,590.68	2,575.14	0.43	2,574.71	126.72	0.22	126.94	4.7%	1.5%	41.15	2,717.62	2,743.23	2,742.80	13.72	2,729.08
MCFCI (GSR 5-6)	864	2,794.09	2,777.33	0.43	2,776.90	126.72	0.22	126.94	4.3%	1.5%	44.23	2,921.03	2,948.50	2,948.07	14.74	2,933.33
MCFCI (GSR 8)	45,486	2,513.08	2,498.00	0.43	2,497.57	126.72	0.22	126.94	4.8%	1.5%	39.97	2,640.02	2,664.91	2,664.48	13.32	2,651.16
MCFCI (GSR 11)	1,108	2,588.58	2,573.05	0.43	2,572.62	126.72	0.22	126.94	4.7%	1.5%	41.12	2,715.52	2,741.11	2,740.68	13.71	2,726.97
Total FE Base Cohort	188,698	\$2,572.45	\$2,608.45	\$0.43	\$2,608.02	\$123.43	\$0.22	\$123.65	4.6%	1.5%	\$41.61	\$2,696.10	\$2,773.71	\$2,773.28	\$13.87	\$2,759.41

Non-Base Cohort FE Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 11)	491	\$2,588.58	\$2,662.75	\$0.43	\$2,662.32	\$127.63	\$0.22	\$127.85	4.7%	1.5%	\$42.50	\$2,716.43	\$2,833.10	\$2,832.67	\$14.17	\$2,818.50
Care WI (GSR 13)	6,133	2,588.63	2,662.80	0.43	2,662.37	127.63	0.22	127.85	4.7%	1.5%	42.50	2,716.48	2,833.15	2,832.72	14.17	2,818.55
Inclusa (GSR 14)	1,544	2,795.78	2,759.99	0.43	2,759.56	120.23	0.22	120.45	4.1%	1.5%	43.86	2,916.23	2,924.30	2,923.87	14.62	2,909.25
LCI (GSR 13)	10,151	2,776.62	2,913.38	0.43	2,912.95	138.09	0.22	138.31	4.7%	1.5%	46.47	2,914.93	3,098.16	3,097.73	15.49	3,082.24
MCFCI (GSR 2)	468	2,491.13	2,476.18	0.43	2,475.75	126.72	0.22	126.94	4.7%	1.5%	39.64	2,618.07	2,642.76	2,642.33	13.21	2,629.12
MCFCI (GSR 3)	242	2,463.55	2,448.77	0.43	2,448.34	126.72	0.22	126.94	4.9%	1.5%	39.22	2,590.49	2,614.93	2,614.50	13.07	2,601.43
MCFCI (GSR 14)	1,353	2,558.04	2,542.69	0.43	2,542.26	126.72	0.22	126.94	4.7%	1.5%	40.65	2,684.98	2,710.28	2,709.85	13.55	2,696.30
Total FE Non-Base Cohort	20,381	\$2,692.19	\$2,780.16	\$0.43	\$2,779.73	\$132.19	\$0.22	\$132.41	4.7%	1.5%	\$44.36	\$2,824.60	\$2,956.93	\$2,956.49	\$14.78	\$2,941.71

Expansion Cohort FE Development	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold
Care WI (GSR 1 Expansion - Taylor)	506	\$2,088.91	\$2,088.91	\$0.43	\$2,088.48	\$127.63	\$0.22	\$127.85	5.8%	1.5%	\$33.76	\$2,216.76	\$2,250.52	\$2,250.09	\$11.25	\$2,238.84
Care WI (GSR 5 Expansion - Adams)	272	2,501.83	2,501.83	0.43	2,501.40	127.63	0.22	127.85	4.9%	1.5%	40.05	2,629.68	2,669.73	2,669.30	13.35	2,655.95
Care WI (GSR 12)	3,579	3,490.61	3,490.61	0.43	3,490.18	127.63	0.22	127.85	3.5%	1.5%	55.10	3,618.46	3,673.56	3,673.13	18.37	3,654.76
Inclusa (GSR 1 Expansion - Taylor)	287	2,088.91	2,088.91	0.43	2,088.48	120.23	0.22	120.45	5.5%	1.5%	33.65	2,209.36	2,243.01	2,242.58	11.22	2,231.36
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,306	2,484.93	2,484.93	0.43	2,484.50	120.23	0.22	120.45	4.6%	1.5%	39.68	2,605.38	2,645.06	2,644.63	13.23	2,631.40
Inclusa (GSR 5 Expansion - Adams)	272	2,501.83	2,501.83	0.43	2,501.40	120.23	0.22	120.45	4.6%	1.5%	39.93	2,622.28	2,662.21	2,661.78	13.31	2,648.47
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	1,328	2,484.93	2,484.93	0.43	2,484.50	138.09	0.22	138.31	5.3%	1.5%	39.95	2,623.24	2,663.19	2,662.76	13.32	2,648.44
MCFCI (GSR 12)	955	3,490.61	3,490.61	0.43	3,490.18	126.72	0.22	126.94	3.5%	1.5%	55.09	3,617.55	3,672.64	3,672.21	18.36	3,653.85
Total FE Expansion Cohort	8,504	\$2,985.40	\$2,985.40	\$0.43	\$2,984.97	\$127.54	\$0.22	\$127.76	4.1%	1.5%	\$47.40	\$3,113.16	\$3,160.56	\$3,160.13	\$15.60	\$3,144.33

Total FE Population	217,583	\$2,599.81	\$2,639.27	\$0.43	\$2,638.84	\$124.41	\$0.22	\$124.63	4.6%	1.5%	\$42.09	\$2,724.44	\$2,805.99	\$2,805.56	\$14.03	\$2,791.53
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Exhibit F
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Development of Non-Service Portion of Rates, MCE, and Capitation Rates
 Nursing Home Level of Care

Base Cohort Composite	(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)	
	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold										
Care WI (GSR 1 - Non-Expansion Counties)	4,190	\$3,106.46	\$3,195.47	\$22.30	\$3,173.17	\$127.63	\$0.22	\$127.85	4.0%	1.5%	\$50.61	\$3,234.31	\$3,373.93	\$3,351.63	\$16.87	\$3,334.76	\$127.63	\$0.22	\$127.85	4.0%	1.5%	38.73	2,475.69	2,581.69	2,550.03	12.91	2,537.12										
Care WI (GSR 2)	6,488	2,347.84	2,415.11	31.66	2,383.45	127.63	0.22	127.85	5.2%	1.5%	45.65	2,917.77	3,043.36	3,017.43	15.22	3,002.21	127.63	0.22	127.85	4.4%	1.5%	52.99	3,386.27	3,532.62	3,496.29	17.66	3,478.63										
Care WI (GSR 3)	4,574	2,789.92	2,869.86	25.93	2,843.93	127.63	0.22	127.85	4.4%	1.5%	48.30	3,086.97	3,220.06	3,194.68	16.10	3,178.58	127.63	0.22	127.85	4.1%	1.5%	56.00	3,578.59	3,733.46	3,701.48	18.67	3,682.81										
Care WI (GSR 5 - Non-Expansion Counties)	29,409	3,258.42	3,351.78	36.33	3,315.45	127.63	0.22	127.85	3.8%	1.5%	53.63	3,353.27	3,575.20	3,539.75	17.88	3,521.87	127.63	0.22	127.85	3.3%	1.5%	55.79	3,488.18	3,719.28	3,686.60	18.60	3,668.00										
Care WI (GSR 6)	5,188	2,959.12	3,043.91	25.38	3,018.53	127.63	0.22	127.85	4.1%	1.5%	49.01	3,064.98	3,267.30	3,231.15	16.34	3,214.81	127.63	0.22	127.85	4.0%	1.5%	46.47	2,906.72	3,098.27	3,071.65	15.49	3,056.16										
Care WI (GSR 5-6)	19,127	3,450.74	3,549.61	31.98	3,517.63	127.63	0.22	127.85	3.6%	1.5%	53.29	3,331.93	3,552.41	3,516.63	17.76	3,498.87	127.63	0.22	127.85	3.5%	1.5%	53.45	3,342.22	3,563.39	3,527.17	17.82	3,509.35										
CCI (GSR 6)	22,506	3,236.51	3,404.81	35.45	3,369.36	127.63	0.22	127.85	3.5%	1.5%	56.61	3,377.59	3,499.23	3,462.88	16.38	3,445.65	127.63	0.22	127.85	3.3%	1.5%	50.30	3,344.48	3,353.51	3,320.11	16.77	3,303.34										
CCI (GSR 5-6)	16,330	3,371.42	3,546.73	32.68	3,514.05	127.63	0.22	127.85	3.3%	1.5%	55.61	3,377.59	3,499.23	3,462.88	16.38	3,445.65	127.63	0.22	127.85	3.0%	1.5%	50.30	3,344.48	3,353.51	3,320.11	16.77	3,303.34										
CCI (GSR 8)	37,637	2,948.22	3,101.53	36.15	3,065.38	127.63	0.22	127.85	3.8%	1.5%	49.01	3,064.98	3,267.30	3,231.15	16.34	3,214.81	127.63	0.22	127.85	3.8%	1.5%	46.47	2,906.72	3,098.27	3,071.65	15.49	3,056.16										
CCI (GSR 9)	4,860	2,789.96	2,935.04	26.62	2,908.42	127.63	0.22	127.85	4.0%	1.5%	46.47	2,906.72	3,098.27	3,071.65	15.49	3,056.16	127.63	0.22	127.85	4.0%	1.5%	46.47	2,906.72	3,098.27	3,071.65	15.49	3,056.16										
CCI (GSR 10)	18,501	3,215.17	3,382.36	35.78	3,346.58	127.63	0.22	127.85	3.5%	1.5%	53.29	3,331.93	3,552.41	3,516.63	17.76	3,498.87	127.63	0.22	127.85	3.5%	1.5%	53.45	3,342.22	3,563.39	3,527.17	17.82	3,509.35										
CCI (GSR 11)	29,464	3,225.46	3,393.18	36.22	3,356.96	127.63	0.22	127.85	3.5%	1.5%	53.45	3,342.22	3,563.39	3,527.17	17.82	3,509.35	127.63	0.22	127.85	3.5%	1.5%	53.45	3,342.22	3,563.39	3,527.17	17.82	3,509.35										
Inclusa (GSR 1 - Non-Expansion Counties)	28,720	3,576.92	3,531.14	34.49	3,496.65	120.23	0.22	120.45	3.3%	1.5%	55.61	3,697.37	3,707.20	3,672.71	18.54	3,654.17	120.23	0.22	120.45	3.3%	1.5%	50.30	3,344.48	3,353.51	3,320.11	16.77	3,303.34										
Inclusa (GSR 2)	43,356	3,224.03	3,182.76	33.40	3,149.36	120.23	0.22	120.45	3.6%	1.5%	50.30	3,344.48	3,353.51	3,320.11	16.77	3,303.34	120.23	0.22	120.45	3.7%	1.5%	48.55	3,227.74	3,236.52	3,200.92	16.18	3,184.74										
Inclusa (GSR 3)	23,493	3,107.29	3,067.52	35.60	3,031.92	120.23	0.22	120.45	3.7%	1.5%	48.55	3,227.74	3,236.52	3,200.92	16.18	3,184.74	120.23	0.22	120.45	3.8%	1.5%	47.53	3,159.75	3,168.38	3,132.71	15.84	3,116.87										
Inclusa (GSR 4 - Non-Expansion Counties)	40,146	3,039.30	3,000.40	35.67	2,964.73	120.23	0.22	120.45	3.7%	1.5%	47.53	3,159.75	3,168.38	3,132.71	15.84	3,116.87	120.23	0.22	120.45	3.8%	1.5%	47.53	3,159.75	3,168.38	3,132.71	15.84	3,116.87										
Inclusa (GSR 5 - Non-Expansion Counties)	1,878	3,064.17	3,024.95	30.24	2,994.71	120.23	0.22	120.45	3.8%	1.5%	47.53	3,159.75	3,168.38	3,132.71	15.84	3,116.87	120.23	0.22	120.45	3.8%	1.5%	47.53	3,159.75	3,168.38	3,132.71	15.84	3,116.87										
Inclusa (GSR 5-6)	691	3,335.17	3,292.48	32.98	3,259.50	120.23	0.22	120.45	3.5%	1.5%	51.97	3,455.62	3,464.90	3,431.92	17.32	3,414.60	120.23	0.22	120.45	3.5%	1.5%	49.15	3,267.89	3,276.75	3,243.88	16.38	3,227.50										
Inclusa (GSR 7)	29,191	3,147.44	3,107.15	32.87	3,074.29	120.23	0.22	120.45	3.7%	1.5%	49.15	3,267.89	3,276.75	3,243.88	16.38	3,227.50	120.23	0.22	120.45	4.8%	1.5%	45.81	2,873.69	3,054.23	3,035.40	15.27	3,020.13										
LCI (GSR 4 - Non-Expansion Counties)	2,720	2,735.38	2,870.11	18.83	2,851.28	138.09	0.22	138.31	4.8%	1.5%	45.81	2,873.69	3,054.23	3,035.40	15.27	3,020.13	138.09	0.22	138.31	4.8%	1.5%	45.81	2,873.69	3,054.23	3,035.40	15.27	3,020.13										
LCI (GSR 9)	30,153	3,091.67	3,243.95	36.04	3,207.91	138.09	0.22	138.31	4.5%	1.5%	49.05	3,076.11	3,269.86	3,245.89	16.35	3,229.54	138.09	0.22	138.31	4.5%	1.5%	49.11	3,243.57	3,259.86	3,240.84	16.37	3,224.47										
LCI (GSR 10)	4,589	2,937.80	3,082.50	23.97	3,058.53	138.09	0.22	138.31	4.5%	1.5%	49.05	3,076.11	3,269.86	3,245.89	16.35	3,229.54	138.09	0.22	138.31	3.9%	1.5%	49.11	3,243.57	3,259.86	3,240.84	16.37	3,224.47										
MCFCI (GSR 6)	965	3,116.63	3,097.93	33.14	3,064.79	126.72	0.22	126.94	3.9%	1.5%	49.11	3,243.57	3,259.86	3,240.84	16.37	3,224.47	126.72	0.22	126.94	3.9%	1.5%	46.53	3,072.83	3,101.68	3,067.85	15.51	3,052.34										
MCFCI (GSR 5-6)	1,832	3,250.65	3,231.15	27.46	3,203.69	126.72	0.22	126.94	4.1%	1.5%	51.14	3,377.59	3,409.23	3,381.77	17.05	3,364.72	126.72	0.22	126.94	4.1%	1.5%	46.35	3,061.46	3,090.20	3,064.62	15.45	3,049.17										
MCFCI (GSR 9)	90,908	2,934.52	2,916.91	25.58	2,891.33	126.72	0.22	126.94	3.9%	1.5%	46.35	3,061.46	3,090.20	3,064.62	15.45	3,049.17	126.72	0.22	126.94	3.9%	1.5%	46.35	3,061.46	3,090.20	3,064.62	15.45	3,049.17										
MCFCI (GSR 11)	3,917	3,099.81	3,081.21	35.45	3,045.76	126.72	0.22	126.94	3.9%	1.5%	46.35	3,061.46	3,090.20	3,064.62	15.45	3,049.17	126.72	0.22	126.94	3.9%	1.5%	46.35	3,061.46	3,090.20	3,064.62	15.45	3,049.17										
Total Base Cohort	500,831	\$3,124.02	\$3,172.79	\$32.59	\$3,140.20	\$122.90	\$0.22	\$123.12	3.8%	1.5%	\$50.19	\$3,247.14	\$3,346.10	\$3,313.51	\$16.73	\$3,296.78																					
Non-Base Cohort Composite	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold																					
Care WI (GSR 11)	1,601	\$3,124.09	\$3,213.60	\$34.85	\$3,178.75	\$127.63	\$0.22	\$127.85	3.9%	1.5%	\$50.89	\$3,251.94	\$3,392.34	\$3,357.49	\$16.96	\$3,340.53																					
Care WI (GSR 13)	21,207	3,137.60	3,227.50	37.49	3,190.01	127.63	0.22	127.85	3.9%	1.5%	51.10	3,265.45	3,406.45	3,368.96	17.03	3,351.93																					
Inclusa (GSR 14)	6,944	3,967.36	3,916.58	42.43	3,874.15	120.23	0.22	120.45	2.9%	1.5%	61.48	4,087.81	4,056.51	4,056.08	20.49	4,035.59																					
LCI (GSR 13)	28,690	3,415.31	3,583.53	34.13	3,549.40	138.09	0.22	138.31	3.9%	1.5%	56.68	3,553.62	3,778.52	3,744.39	18.89	3,725.50																					
MCFCI (GSR 2)	1,345	3,061.77	3,043.40	33.06	3,010.34	126.72	0.22	126.94	4.0%	1.5%	48.28	3,188.71	3,218.62	3,185.56	16.09	3,169.47																					
MCFCI (GSR 3)	723	2,945.89	2,928.21	33.83	2,894.38	126.72	0.22	126.94	4.1%	1.5%	46.53	3,072.83	3,101.68	3,067.85	15.51	3,052.34																					
MCFCI (GSR 14)	5,210	3,079.01	3,060.54	39.34	3,021.20	126.72	0.22	126.94	4.0%	1.5%	48.54	3,205.95	3,236.02	3,196.68	16.18	3,180.50																					
Total Non-Base Cohort	65,720	\$3,337.88	\$3,435.09	\$36.50	\$3,398.59	\$131.31	\$0.22	\$131.53	3.8%	1.5%	\$54.33	\$3,469.41	\$3,620.95	\$3,584.45	\$18.10	\$3,566.35																					
Expansion Cohort Composite	2019 Exposure Months	MCE Service Costs	2019 Gross Service Costs	2019 HCRP Pooled Claims	2019 Net Service Costs	2019 Administrative Expense	OCI Add-On	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	2019 Capitation Rate Less HCRP	P4P Withhold	2019 Capitation Rate Less HCRP and P4P Withhold																					
Care WI (GSR 1 Expansion - Taylor)	1,200	\$2,649.63	\$2,649.63	\$31.26	\$2,618.37	\$127.63	\$0.22	\$127.85	4.6%	1.5%	\$42.30	\$2,777.48	\$2,819.78</																								

Exhibit G
Wisconsin Department of Health Services
CY 2019 Family Care 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						
	2019 Exposure Months	2019 Net DD Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net DD Capitation Rate	P4P Withhold	2019 Net Capitation Rate Less P4P Withhold
GSR 1							
Care WI							
Non-Expansion Counties	1,063	\$4,412.00	\$127.85	\$70.00	\$4,609.85	\$23.33	\$4,586.52
Expansion Counties	571	3,195.08	127.85	51.47	3,374.40	17.16	3,357.24
GSR Rate	1,633	\$3,986.90	\$127.85	\$63.53	\$4,178.28	\$21.18	\$4,157.10
Inclusa							
Non-Expansion Counties	14,524	\$4,277.51	\$120.45	\$67.84	\$4,465.80	\$22.61	\$4,443.19
Expansion Counties	419	3,195.08	120.45	51.36	3,366.89	17.12	3,349.77
GSR Rate	14,942	\$4,247.19	\$120.45	\$67.37	\$4,435.01	\$22.45	\$4,412.56
GSR 4							
Inclusa							
Non-Expansion Counties	20,803	\$3,426.94	\$120.45	\$54.89	\$3,602.28	\$18.30	\$3,583.98
Expansion Counties	1,463	4,078.74	120.45	64.81	4,264.00	21.60	4,242.40
GSR Rate	22,266	\$3,469.77	\$120.45	\$55.55	\$3,645.77	\$18.52	\$3,627.25
LCI							
Non-Expansion Counties	586	\$3,644.68	\$138.31	\$58.48	\$3,841.47	\$19.49	\$3,821.98
Expansion Counties	1,516	4,078.74	138.31	65.09	4,282.14	21.70	4,260.44
GSR Rate	2,102	\$3,957.69	\$138.31	\$63.25	\$4,159.25	\$21.09	\$4,138.16
GSR 5							
Care WI							
Non-Expansion Counties	16,236	\$3,845.28	\$127.85	\$61.37	\$4,034.50	\$20.46	\$4,014.04
Expansion Counties	329	3,687.02	127.85	58.96	3,873.83	19.65	3,854.18
GSR Rate	16,565	\$3,842.14	\$127.85	\$61.32	\$4,031.31	\$20.45	\$4,010.86
Inclusa							
Non-Expansion Counties	735	\$3,681.38	\$120.45	\$58.76	\$3,860.59	\$19.59	\$3,841.00
Expansion Counties	329	3,687.02	120.45	58.85	3,866.32	19.62	3,846.70
GSR Rate	1,064	\$3,683.12	\$120.45	\$58.79	\$3,862.36	\$19.60	\$3,842.76

Exhibit G
Wisconsin Department of Health Services
CY 2019 Family Care 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						
	2019 Exposure Months	2019 Net PD Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net PD Capitation Rate	P4P Withhold	2019 Net Capitation Rate Less P4P Withhold
GSR 1							
Care WI							
Non-Expansion Counties	819	\$2,736.53	\$127.85	\$44.21	\$2,908.59	\$14.74	\$2,893.85
Expansion Counties	123	2,123.00	127.85	34.87	2,285.72	11.62	2,274.10
GSR Rate	942	\$2,656.12	\$127.85	\$42.99	\$2,826.96	\$14.33	\$2,812.63
Inclusa							
Non-Expansion Counties	4,099	\$2,647.92	\$120.45	\$42.75	\$2,811.12	\$14.25	\$2,796.87
Expansion Counties	61	2,123.00	120.45	34.76	2,278.21	11.59	2,266.62
GSR Rate	4,160	\$2,640.28	\$120.45	\$42.63	\$2,803.36	\$14.21	\$2,789.15
GSR 4							
Inclusa							
Non-Expansion Counties	6,217	\$2,411.97	\$120.45	\$39.16	\$2,571.58	\$13.05	\$2,558.53
Expansion Counties	439	2,523.84	120.45	40.86	2,685.15	13.62	2,671.53
GSR Rate	6,656	\$2,419.35	\$120.45	\$39.27	\$2,579.07	\$13.09	\$2,565.98
LCI							
Non-Expansion Counties	439	\$2,539.64	\$138.31	\$41.38	\$2,719.33	\$13.79	\$2,705.54
Expansion Counties	524	2,523.84	138.31	41.13	2,703.28	13.71	2,689.57
GSR Rate	963	\$2,531.05	\$138.31	\$41.24	\$2,710.60	\$13.75	\$2,696.85
GSR 5							
Care WI							
Non-Expansion Counties	3,598	\$2,744.87	\$127.85	\$44.34	\$2,917.06	\$14.78	\$2,902.28
Expansion Counties	266	2,899.65	127.85	46.70	3,074.20	15.57	3,058.63
GSR Rate	3,864	\$2,755.53	\$127.85	\$44.50	\$2,927.88	\$14.84	\$2,913.04
Inclusa							
Non-Expansion Counties	375	\$2,613.95	\$120.45	\$42.23	\$2,776.63	\$14.08	\$2,762.55
Expansion Counties	266	2,899.65	120.45	46.59	3,066.69	15.53	3,051.16
GSR Rate	641	\$2,732.59	\$120.45	\$44.04	\$2,897.08	\$14.68	\$2,882.40

Exhibit G
Wisconsin Department of Health Services
CY 2019 Family Care 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						
	2019 Exposure Months	2019 Net FE Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net FE Capitation Rate	P4P Withhold	2019 Net Capitation Rate Less P4P Withhold
GSR 1							
Care WI							
Non-Expansion Counties	2,308	\$2,757.59	\$127.85	\$43.95	\$2,929.39	\$14.65	\$2,914.74
Expansion Counties	506	2,088.48	127.85	33.76	2,250.09	11.25	2,238.84
GSR Rate	2,814	\$2,637.36	\$127.85	\$42.12	\$2,807.33	\$14.04	\$2,793.29
Inclusa							
Non-Expansion Counties	10,097	\$2,718.04	\$120.45	\$43.23	\$2,881.72	\$14.41	\$2,867.31
Expansion Counties	287	2,088.48	120.45	33.65	2,242.58	11.22	2,231.36
GSR Rate	10,384	\$2,700.66	\$120.45	\$42.96	\$2,864.07	\$14.32	\$2,849.75
GSR 4							
Inclusa							
Non-Expansion Counties	13,126	\$2,494.00	\$120.45	\$39.82	\$2,654.27	\$13.27	\$2,641.00
Expansion Counties	1,306	2,484.50	120.45	39.68	2,644.63	13.23	2,631.40
GSR Rate	14,432	\$2,493.14	\$120.45	\$39.81	\$2,653.40	\$13.27	\$2,640.13
LCI							
Non-Expansion Counties	1,695	\$2,657.60	\$138.31	\$42.58	\$2,838.49	\$14.19	\$2,824.30
Expansion Counties	1,328	2,484.50	138.31	39.95	2,662.76	13.32	2,649.44
GSR Rate	3,022	\$2,581.57	\$138.31	\$41.42	\$2,761.30	\$13.80	\$2,747.50
GSR 5							
Care WI							
Non-Expansion Counties	9,575	\$2,631.44	\$127.85	\$42.03	\$2,801.32	\$14.01	\$2,787.31
Expansion Counties	272	2,501.40	127.85	40.05	2,669.30	13.35	2,655.95
GSR Rate	9,847	\$2,627.85	\$127.85	\$41.98	\$2,797.68	\$13.99	\$2,783.69
Inclusa							
Non-Expansion Counties	768	\$2,522.91	\$120.45	\$40.26	\$2,683.62	\$13.42	\$2,670.20
Expansion Counties	272	2,501.40	120.45	39.93	2,661.78	13.31	2,648.47
GSR Rate	1,040	\$2,517.29	\$120.45	\$40.17	\$2,677.91	\$13.39	\$2,664.52

Exhibit G
Wisconsin Department of Health Services
CY 2019 Family Care 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						
	2019 Exposure Months	2019 Net Composite Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net Composite Capitation Rate	P4P Withhold	2019 Net Capitation Rate Less P4P Withhold
GSR 1							
Care WI							
Non-Expansion Counties	4,190	\$3,173.17	\$127.85	\$50.61	\$3,351.63	\$16.87	\$3,334.76
Expansion Counties	1,200	2,618.37	127.85	42.30	2,788.52	14.10	2,774.42
GSR Rate	5,389	\$3,049.67	\$127.85	\$48.76	\$3,226.28	\$16.25	\$3,210.03
Inclusa							
Non-Expansion Counties	28,720	\$3,496.65	\$120.45	\$55.61	\$3,672.71	\$18.54	\$3,654.17
Expansion Counties	766	2,696.03	120.45	43.41	2,859.89	14.47	2,845.42
GSR Rate	29,486	\$3,475.85	\$120.45	\$55.30	\$3,651.60	\$18.44	\$3,633.16
GSR 4							
Inclusa							
Non-Expansion Counties	40,146	\$2,964.73	\$120.45	\$47.53	\$3,132.71	\$15.84	\$3,116.87
Expansion Counties	3,208	3,217.05	120.45	51.30	3,388.80	17.10	3,371.70
GSR Rate	43,354	\$2,983.40	\$120.45	\$47.81	\$3,151.66	\$15.93	\$3,135.73
LCI							
Non-Expansion Counties	2,720	\$2,851.28	\$138.31	\$45.81	\$3,035.40	\$15.27	\$3,020.13
Expansion Counties	3,368	3,208.30	138.31	51.45	3,398.06	17.15	3,380.91
GSR Rate	6,088	\$3,048.77	\$138.31	\$48.93	\$3,236.01	\$16.31	\$3,219.70
GSR 5							
Care WI							
Non-Expansion Counties	29,409	\$3,315.45	\$127.85	\$52.99	\$3,496.29	\$17.66	\$3,478.63
Expansion Counties	867	3,073.75	127.85	49.27	3,250.87	16.42	3,234.45
GSR Rate	30,276	\$3,308.53	\$127.85	\$52.89	\$3,489.27	\$17.63	\$3,471.64
Inclusa							
Non-Expansion Counties	1,878	\$2,994.71	\$120.45	\$47.90	\$3,163.06	\$15.97	\$3,147.09
Expansion Counties	867	3,073.75	120.45	49.16	3,243.36	16.39	3,226.97
GSR Rate	2,745	\$3,019.67	\$120.45	\$48.29	\$3,188.41	\$16.10	\$3,172.31

Exhibit H
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Monthly Rates Net of HCRP Paid to MCOs
 Nursing Home Level of Care

MCO / GSR	2019 Exposure Months				(A)	(B)	(C) Developmentally Disabled		(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	(A)	(B)	(C) Physically Disabled		(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)
	DD	PD	FE	Total			2019 Net Service Costs	Administrative Allowance						Targeted Margin PMPM	2019 Net Capitation Rate			
Care WI (GSR 1)	1,633	942	2,814	5,389	\$3,986.90	\$127.85	\$63.53	\$4,178.28	\$21.18	\$4,157.10	\$2,656.12	\$127.85	\$42.99	\$2,826.96	\$14.33	\$2,812.63		
Care WI (GSR 2)	2,319	1,859	2,310	6,488	2,821.48	127.85	45.78	2,995.11	15.26	2,979.85	2,078.99	127.85	34.20	2,241.04	11.40	2,229.64		
Care WI (GSR 3)	1,387	992	2,195	4,574	3,756.32	127.85	60.02	3,944.19	20.01	3,924.18	2,254.30	127.85	36.87	2,419.02	12.29	2,406.73		
Care WI (GSR 5)	16,565	3,864	9,847	30,276	3,842.14	127.85	61.32	4,031.31	20.45	4,010.86	2,755.53	127.85	44.50	2,927.88	14.84	2,913.04		
Care WI (GSR 6)	1,608	1,002	2,578	5,188	3,776.56	127.85	60.32	3,964.73	20.11	3,944.62	2,713.96	127.85	43.86	2,885.07	14.62	2,870.45		
Care WI (GSR 5-6)	9,566	1,642	7,920	19,127	4,098.19	127.85	65.22	4,291.26	21.74	4,269.52	3,175.66	127.85	50.90	3,354.41	16.97	3,337.44		
Care WI (GSR 11)	687	424	491	1,601	3,922.14	127.85	62.54	4,112.53	20.85	4,091.68	2,573.06	127.85	41.72	2,742.63	13.91	2,728.72		
Care WI (GSR 12)	7,251	1,250	3,579	12,081	4,418.15	127.85	70.09	4,616.09	23.36	4,592.73	4,130.29	127.85	65.44	4,323.58	21.81	4,301.77		
Care WI (GSR 13)	11,420	3,653	6,133	21,207	3,599.46	127.85	57.63	3,784.94	19.21	3,765.73	2,795.92	127.85	45.12	2,968.89	15.04	2,953.85		
CCI (GSR 6)	12,250	2,496	7,761	22,506	3,872.33	116.76	61.61	4,050.70	20.54	4,030.16	2,786.22	116.76	44.80	2,947.77	14.93	2,932.85		
CCI (GSR 5-6)	8,064	1,846	6,421	16,330	4,190.76	116.76	66.46	4,373.98	22.15	4,351.83	2,863.31	116.76	42.93	2,823.00	14.31	2,808.69		
CCI (GSR 8)	15,208	12,583	9,846	37,637	3,834.98	116.76	61.05	4,012.79	20.35	3,992.44	2,442.06	116.76	39.56	2,598.38	13.19	2,585.19		
CCI (GSR 9)	1,435	1,198	2,227	4,860	3,691.06	116.76	58.85	3,866.67	19.62	3,847.05	2,290.76	116.76	37.26	2,444.78	12.42	2,432.36		
CCI (GSR 10)	10,245	1,955	6,301	18,501	3,897.96	116.76	62.00	4,076.72	20.67	4,056.05	2,577.62	116.76	41.63	2,736.01	13.88	2,722.13		
CCI (GSR 11)	15,002	5,372	9,090	29,464	3,987.99	116.76	63.38	4,168.13	21.13	4,147.00	2,679.54	116.76	43.18	2,839.48	14.39	2,825.09		
Inclusa (GSR 1)	14,942	4,160	10,384	29,486	4,247.19	120.45	67.37	4,435.01	22.45	4,412.56	2,640.28	120.45	42.63	2,839.36	14.21	2,789.15		
Inclusa (GSR 2)	20,040	7,715	15,601	43,356	3,978.48	120.45	63.29	4,162.22	21.10	4,141.12	2,283.10	120.45	37.20	2,440.75	12.40	2,428.35		
Inclusa (GSR 3)	11,801	4,141	7,551	23,493	3,666.02	120.45	58.53	3,845.00	19.51	3,825.49	2,189.26	120.45	35.77	2,345.48	11.92	2,333.56		
Inclusa (GSR 4)	22,266	6,656	14,432	43,354	3,469.77	120.45	55.55	3,645.77	18.52	3,627.25	2,419.35	120.45	39.27	2,579.07	13.09	2,565.98		
Inclusa (GSR 5)	1,064	641	1,040	2,745	3,683.12	120.45	58.79	3,862.36	19.60	3,842.76	2,732.59	120.45	44.04	2,897.08	14.68	2,882.40		
Inclusa (GSR 5-6)	304	138	249	691	3,919.87	120.45	62.39	4,102.71	20.80	4,081.91	2,708.53	120.45	43.68	2,872.66	14.56	2,858.10		
Inclusa (GSR 7)	13,796	4,350	11,045	29,191	3,774.97	120.45	60.19	3,955.61	20.06	3,935.55	2,389.73	120.45	38.82	2,549.00	12.94	2,536.06		
Inclusa (GSR 14)	4,656	745	1,544	6,944	4,425.92	120.45	70.10	4,616.47	23.37	4,593.10	2,734.85	120.45	44.08	2,899.38	14.69	2,884.69		
LCI (GSR 4)	2,102	963	3,022	6,088	3,957.69	138.31	63.25	4,159.25	21.09	4,138.16	2,531.05	138.31	41.24	2,710.60	13.75	2,696.85		
LCI (GSR 9)	16,082	4,292	9,779	30,153	3,718.04	138.31	59.59	3,915.94	19.86	3,896.08	2,312.11	138.31	37.91	2,488.33	12.64	2,475.69		
LCI (GSR 10)	1,419	722	2,447	4,589	3,893.23	138.31	62.26	4,093.80	20.75	4,073.05	2,633.33	138.31	42.80	2,814.44	14.27	2,800.17		
LCI (GSR 13)	14,067	4,472	10,151	28,690	4,162.44	138.31	66.36	4,367.11	22.12	4,344.99	3,065.68	138.31	49.39	3,253.38	16.46	3,236.92		
MCFCI (GSR 2)	562	315	468	1,345	3,880.90	126.94	61.90	4,069.74	20.63	4,049.11	2,252.20	126.94	36.82	2,415.96	12.27	2,403.69		
MCFCI (GSR 3)	312	169	242	723	3,627.86	126.94	58.05	3,812.85	19.35	3,793.50	2,177.04	126.94	35.68	2,339.66	11.89	2,327.77		
MCFCI (GSR 6)	433	184	348	965	3,647.42	126.94	58.34	3,832.70	19.45	3,813.25	2,620.64	126.94	42.44	2,790.02	14.15	2,775.87		
MCFCI (GSR 5-6)	680	288	864	1,832	3,947.26	126.94	62.91	4,137.11	20.97	4,116.14	2,727.45	126.94	44.06	2,898.45	14.69	2,883.76		
MCFCI (GSR 8)	29,848	15,573	45,486	90,908	3,801.06	126.94	60.68	3,988.68	20.23	3,968.45	2,297.82	126.94	37.52	2,462.28	12.51	2,449.77		
MCFCI (GSR 11)	1,611	1,198	1,108	3,917	3,788.10	126.94	60.49	3,975.53	20.16	3,955.37	2,485.06	126.94	40.37	2,652.37	13.46	2,638.91		
MCFCI (GSR 12)	1,339	323	955	2,618	4,418.15	126.94	70.08	4,615.17	23.36	4,591.81	4,130.29	126.94	65.43	4,322.66	21.81	4,300.85		
MCFCI (GSR 14)	3,012	845	1,353	5,210	3,326.99	126.94	53.46	3,507.39	17.82	3,489.57	2,698.07	126.94	43.61	2,868.62	14.54	2,854.08		

Exhibit H
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Monthly Rates Net of HCRP Paid to MCOs
 Nursing Home Level of Care

MCO / GSR	2019 Exposure Months				Frail Elderly					Composite Population						
	DD	PD	FE	Total	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)
	2019 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net Capitation Rate	P4P Withhold	2019 Net Capitation Rate Less P4P Withhold	2019 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net Capitation Rate	P4P Withhold	2019 Net Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Net Capitation Rate	P4P Withhold
Care WI (GSR 1)	1,633	942	2,814	5,389	\$2,637.36	\$127.85	\$42.12	\$2,807.33	\$14.04	\$2,793.29	\$3,049.67	\$127.85	\$48.76	\$3,226.28	\$16.25	\$3,210.03
Care WI (GSR 2)	2,319	1,859	2,310	6,488	2,189.11	127.85	35.29	2,352.25	11.76	2,340.49	2,383.45	127.85	38.73	2,550.03	12.91	2,537.12
Care WI (GSR 3)	1,387	992	2,195	4,574	2,533.71	127.85	40.54	2,702.10	13.51	2,688.59	2,843.93	127.85	45.65	3,017.43	15.22	3,002.21
Care WI (GSR 5)	16,565	3,864	9,847	30,276	2,627.85	127.85	41.98	2,797.68	13.99	2,783.69	3,308.53	127.85	52.89	3,489.27	17.63	3,471.64
Care WI (GSR 6)	1,608	1,002	2,578	5,188	2,664.48	127.85	42.53	2,834.86	14.18	2,820.68	3,018.53	127.85	48.30	3,194.68	16.10	3,178.58
Care WI (GSR 5-6)	9,566	1,642	7,920	19,127	2,887.30	127.85	45.92	3,061.07	15.31	3,045.76	3,517.63	127.85	56.00	3,701.48	18.67	3,682.81
Care WI (GSR 11)	687	424	491	1,601	2,662.32	127.85	42.50	2,832.67	14.17	2,818.50	3,178.75	127.85	50.89	3,357.49	16.96	3,340.53
Care WI (GSR 12)	7,251	1,250	3,579	12,081	3,490.18	127.85	55.10	3,673.13	18.37	3,654.76	4,113.42	127.85	65.17	4,306.44	21.72	4,284.72
Care WI (GSR 13)	11,420	3,653	6,133	21,207	2,662.37	127.85	42.50	2,832.72	14.17	2,818.55	3,190.01	127.85	51.10	3,368.96	17.03	3,351.93
CCI (GSR 6)	12,250	2,496	7,761	22,506	2,762.96	116.76	43.86	2,923.58	14.62	2,908.96	3,369.36	116.76	53.63	3,539.75	17.88	3,521.87
CCI (GSR 5-6)	8,064	1,846	6,421	16,330	2,908.78	116.76	46.08	3,071.62	15.36	3,056.26	3,514.05	116.76	55.79	3,686.60	18.60	3,668.00
CCI (GSR 8)	15,208	12,583	9,846	37,637	2,673.30	116.76	42.49	2,832.55	14.16	2,818.39	3,065.38	116.76	49.01	3,231.15	16.34	3,214.81
CCI (GSR 9)	1,435	1,198	2,227	4,860	2,736.46	116.76	43.46	2,896.68	14.49	2,882.19	2,908.42	116.76	46.47	3,071.65	15.49	3,056.16
CCI (GSR 10)	10,245	1,955	6,301	18,501	2,688.61	116.76	42.73	2,848.10	14.24	2,833.86	3,346.58	116.76	53.29	3,516.63	17.76	3,498.87
CCI (GSR 11)	15,002	5,372	9,090	29,464	2,715.93	116.76	43.14	2,875.83	14.38	2,861.45	3,356.96	116.76	53.45	3,527.17	17.82	3,509.35
Inclusa (GSR 1)	14,942	4,160	10,384	29,486	2,700.66	120.45	42.96	2,864.07	14.32	2,849.75	3,475.85	120.45	55.30	3,651.60	18.44	3,633.16
Inclusa (GSR 2)	20,040	7,715	15,601	43,356	2,512.70	120.45	40.11	2,673.26	13.37	2,659.89	3,149.36	120.45	50.30	3,320.11	16.77	3,303.34
Inclusa (GSR 3)	11,801	4,141	7,551	23,493	2,503.00	120.45	39.96	2,663.41	13.32	2,650.09	3,031.92	120.45	48.55	3,200.92	16.18	3,184.74
Inclusa (GSR 4)	22,266	6,656	14,432	43,354	2,493.14	120.45	39.81	2,653.40	13.27	2,640.13	2,983.40	120.45	47.81	3,151.66	15.93	3,135.73
Inclusa (GSR 5)	1,064	641	1,040	2,745	2,517.29	120.45	40.17	2,677.91	13.39	2,664.52	3,019.67	120.45	48.29	3,188.41	16.10	3,172.31
Inclusa (GSR 5-6)	304	138	249	691	2,757.90	120.45	43.84	2,922.19	14.61	2,907.58	3,259.50	120.45	51.97	3,431.92	17.32	3,414.60
Inclusa (GSR 7)	13,796	4,350	11,045	29,191	2,468.64	120.45	39.43	2,628.52	13.14	2,615.38	3,074.28	120.45	48.15	3,243.88	16.38	3,227.50
Inclusa (GSR 14)	4,656	745	1,544	6,944	2,759.56	120.45	43.86	2,923.87	14.62	2,909.25	3,874.15	120.45	61.48	4,056.08	20.49	4,035.59
LCI (GSR 4)	2,102	963	3,022	6,088	2,581.57	138.31	41.42	2,761.30	13.80	2,747.50	3,048.77	138.31	48.93	3,236.01	16.31	3,219.70
LCI (GSR 9)	16,082	4,292	9,779	30,153	2,762.10	138.31	44.18	2,944.59	14.73	2,929.86	3,207.91	138.31	51.51	3,397.73	17.17	3,380.56
LCI (GSR 10)	1,419	722	2,447	4,589	2,699.78	138.31	43.23	2,881.32	14.41	2,866.91	3,068.53	138.31	49.05	3,245.89	16.35	3,229.54
LCI (GSR 13)	14,067	4,472	10,151	28,690	2,912.95	138.31	46.47	3,097.73	15.49	3,082.24	3,549.40	138.31	56.68	3,744.39	18.89	3,725.50
MCFCI (GSR 2)	562	315	468	1,345	2,475.75	126.94	39.64	2,642.33	13.21	2,629.12	3,010.34	126.94	48.28	3,185.56	16.09	3,169.47
MCFCI (GSR 3)	312	169	242	723	2,448.34	126.94	39.22	2,614.50	13.07	2,601.43	2,894.38	126.94	46.53	3,067.85	15.51	3,052.34
MCFCI (GSR 6)	433	184	348	965	2,574.71	126.94	41.15	2,742.80	13.72	2,729.08	3,064.79	126.94	49.11	3,240.84	16.37	3,224.47
MCFCI (GSR 5-6)	680	288	864	1,832	2,776.90	126.94	44.23	2,948.07	14.74	2,933.33	3,203.69	126.94	51.14	3,381.77	17.05	3,364.72
MCFCI (GSR 8)	29,848	15,573	45,486	90,908	2,497.57	126.94	39.37	2,664.48	13.32	2,651.16	2,891.33	126.94	46.35	3,064.62	15.45	3,049.17
MCFCI (GSR 11)	1,611	1,198	1,108	3,917	2,572.62	126.94	41.12	2,740.68	13.71	2,726.97	3,045.76	126.94	48.86	3,221.56	16.29	3,205.27
MCFCI (GSR 12)	1,339	323	955	2,618	3,490.18	126.94	55.09	3,672.21	18.36	3,653.85	4,043.93	126.94	64.03	4,234.90	21.34	4,213.56
MCFCI (GSR 14)	3,012	845	1,353	5,210	2,542.26	126.94	40.65	2,709.85	13.55	2,696.30	3,021.20	126.94	48.54	3,196.68	16.18	3,180.50

EXHIBITS I through P

Capitation Rate Development – Non-Nursing Home Level of Care

Exhibit I
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Summary of 2017 Actual Experience by MCO / GSR¹
 Non-Nursing Home Level of Care

	Care WI (GSR 1 - Non-Expansion Counties)			Care WI (GSR 2)			Care WI (GSR 3)			Care WI (GSR 5 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	37	46	22	183	291	104	66	184	84	465	300	52
Category of Service												
Adaptive Equipment	\$0.00	\$15.40	\$0.86	\$7.85	\$31.86	\$16.84	\$5.57	\$12.45	\$26.01	\$3.36	\$28.71	\$12.13
Adult Day Activities	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.00	0.00	9.92	0.00	0.00
Case Management	286.43	502.21	271.36	244.70	217.46	223.78	272.63	333.28	383.28	259.53	303.10	469.73
Financial Management	0.00	0.00	0.00	12.19	7.62	8.29	2.60	6.93	14.56	23.68	4.62	4.93
Habilitation/Health	31.19	11.11	23.64	15.08	8.65	7.75	27.88	37.58	0.61	20.18	58.60	6.01
Home Care	0.00	3.63	0.00	63.00	40.20	92.22	78.33	72.81	64.84	82.60	52.63	58.71
Home Health Care	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.17	1.08	4.69
Institutional	0.00	0.00	216.99	0.00	0.00	10.65	0.00	17.56	69.16	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	67.59	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	0.00	210.87	1.90	175.64	43.69	107.05	116.44	85.15	35.45	93.09	98.74	100.14
Vocational	0.00	0.00	0.00	8.03	0.00	0.00	0.00	0.00	0.00	31.84	2.15	0.00
Grand Total	\$317.63	\$743.22	\$514.74	\$594.25	\$350.72	\$466.58	\$503.45	\$565.76	\$593.91	\$524.36	\$549.62	\$656.33
Composite PMPM		\$544.20		\$448.70			\$560.46			\$541.99		

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Exhibit I
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Care WI (GSR 6)			Care WI (GSR 5-6)			CCI (GSR 6)			CCI (GSR 5-6)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	112	62	8	183	167	31	344	109	20	284	163	40
Category of Service												
Adaptive Equipment	\$0.71	\$96.48	\$66.70	\$6.88	\$19.93	\$32.34	\$2.73	\$26.56	\$26.73	\$4.49	\$14.53	\$14.39
Adult Day Activities	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Case Management	370.91	275.59	379.31	295.64	270.06	388.30	220.54	285.77	389.90	270.69	375.36	370.76
Financial Management	7.49	23.20	0.00	16.49	10.16	4.31	9.65	11.78	14.42	3.11	4.38	19.24
Habilitation/Health	33.02	4.29	0.00	8.71	13.68	0.14	8.15	18.80	4.01	28.44	17.22	0.00
Home Care	40.39	170.37	115.26	53.82	29.81	203.21	10.02	47.31	38.18	24.40	100.22	97.66
Home Health Care	0.00	0.00	0.00	0.00	14.92	0.00	0.11	0.00	0.00	0.59	5.39	0.00
Institutional	0.00	42.66	0.00	0.00	0.00	0.00	0.00	15.19	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	3.72	0.00	17.42
Residential Care	91.79	0.00	0.00	0.00	0.00	0.00	17.73	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	151.56	34.50	37.58	140.66	14.09	4.92	48.81	42.84	37.89	51.49	75.76	18.18
Vocational	1.16	0.00	0.00	18.97	0.00	0.00	12.58	3.85	0.00	16.59	0.00	0.00
Grand Total	\$698.13	\$647.09	\$598.86	\$541.16	\$372.66	\$633.21	\$330.32	\$452.11	\$511.14	\$403.53	\$592.86	\$537.65
Composite PMPM		\$676.48		\$474.51			\$366.12			\$477.88		

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Exhibit I
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	CCI (GSR 8)			CCI (GSR 9)			CCI (GSR 10)			CCI (GSR 11)		
	DD	PD	FE									
Exposure Months	363	1,033	153	78	186	76	336	433	88	329	387	175
Category of Service												
Adaptive Equipment	\$0.96	\$25.29	\$11.78	\$2.04	\$22.36	\$17.65	\$3.91	\$35.12	\$20.58	\$2.36	\$15.55	\$16.84
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	253.53	269.73	272.38	235.48	319.56	284.47	221.78	240.10	261.63	236.61	265.01	273.57
Financial Management	6.74	14.88	6.47	5.87	21.22	30.44	7.78	7.07	8.66	18.45	2.14	4.52
Habilitation/Health	23.27	11.16	0.41	9.65	22.24	0.00	4.59	8.85	2.05	40.87	3.73	1.70
Home Care	39.30	95.40	127.22	37.07	154.35	126.08	73.48	76.42	102.28	38.28	35.14	129.75
Home Health Care	3.55	2.83	0.00	0.00	0.00	24.88	0.00	0.00	1.33	0.00	0.21	0.00
Institutional	0.00	13.85	4.26	0.00	2.16	25.84	14.76	12.64	21.24	7.13	0.00	21.44
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	21.54	0.00	0.00	23.99	0.00	0.18	0.00	86.13	0.00	0.00	5.56
Respite Care	11.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.81	0.00
Transportation	28.11	74.17	45.41	19.43	26.49	0.00	43.58	41.05	43.70	30.21	49.51	55.72
Vocational	8.67	0.00	0.00	0.00	0.00	0.00	33.39	0.00	0.00	19.08	0.00	0.00
Grand Total	\$375.34	\$528.94	\$467.94	\$309.54	\$592.36	\$509.36	\$403.45	\$421.25	\$547.60	\$392.98	\$382.11	\$509.09
Composite PMPM		\$486.91			\$509.17			\$427.29			\$411.08	

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Exhibit I
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Inclusa (GSR 1 - Non-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	270	321	131	589	598	159	776	813	520	1,338	815	329
Category of Service												
Adaptive Equipment	\$2.67	\$23.89	\$17.19	\$5.14	\$36.07	\$5.18	\$2.72	\$50.73	\$29.10	\$4.81	\$38.57	\$19.91
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.25	1.87
Case Management	294.15	391.03	320.24	246.18	287.51	317.06	298.90	389.88	406.14	303.08	360.68	301.07
Financial Management	0.40	0.00	2.43	5.46	1.54	0.00	1.47	6.89	4.99	6.87	7.48	5.20
Habilitation/Health	4.66	25.57	0.00	12.75	34.12	0.00	28.03	30.61	6.72	13.68	16.96	11.02
Home Care	14.34	2.91	26.55	7.74	8.90	6.85	12.50	71.27	58.12	37.21	59.43	68.90
Home Health Care	0.00	3.71	0.00	0.00	3.93	0.00	0.00	12.41	2.11	0.25	5.30	6.44
Institutional	0.00	0.00	0.00	0.00	4.68	0.00	0.00	0.00	0.31	0.00	3.13	0.00
Other	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.56	0.49	0.00
Residential Care	0.00	0.00	0.00	0.00	0.00	0.00	6.40	0.00	0.00	0.00	0.93	0.00
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	1.38	0.27	0.00	0.00
Transportation	20.74	61.91	16.58	73.26	36.46	14.17	33.91	55.86	25.84	40.04	70.26	21.59
Vocational	1.48	0.00	0.00	2.18	0.00	0.00	22.88	0.00	0.00	74.89	8.34	0.00
Grand Total	\$338.44	\$509.01	\$383.00	\$352.72	\$413.30	\$343.25	\$406.81	\$618.26	\$534.71	\$481.67	\$575.84	\$436.00
Composite PMPM		\$422.35		\$378.51			\$519.87			\$506.52		

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Exhibit I
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	Inclusa (GSR 5 - Non-Expansion Counties)			Inclusa (GSR 5-6)			Inclusa (GSR 7)			LCI (GSR 4 - Non-Expansion Counties)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	49	18	0	9	9	6	339	382	150	0	6	2
Category of Service												
Adaptive Equipment	\$2.44	\$8.45	\$0.00	\$0.00	\$24.00	\$78.72	\$4.56	\$24.38	\$22.31	\$0.00	\$199.28	\$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	258.54	289.77	0.00	125.88	362.26	164.66	334.20	314.81	399.30	0.00	718.84	450.83
Financial Management	0.00	0.00	0.00	0.00	0.00	0.00	12.39	17.06	13.33	0.00	0.00	0.00
Habilitation/Health	28.61	2.01	0.00	0.00	0.00	0.00	29.46	16.56	45.12	0.00	22.54	0.00
Home Care	32.22	36.81	0.00	0.00	0.00	0.00	38.12	82.12	94.01	0.00	0.00	0.00
Home Health Care	0.00	0.00	0.00	0.00	0.00	0.00	3.60	9.12	0.00	0.00	0.00	0.00
Institutional	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.60	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	8.48	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	92.94	14.04	0.00	0.00	26.67	0.00	58.89	42.72	52.30	0.00	39.31	0.00
Vocational	0.00	0.00	0.00	0.00	0.00	0.00	101.97	5.49	0.00	0.00	0.00	0.00
Grand Total	\$414.74	\$351.08	\$0.00	\$125.88	\$412.92	\$243.38	\$583.21	\$512.26	\$700.45	\$0.00	\$979.97	\$450.83
Composite PMPM		\$397.40			\$265.02			\$572.25			\$824.47	

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Exhibit I
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Summary of 2017 Actual Experience by MCO / GSR¹
Non-Nursing Home Level of Care

	LCI (GSR 9)			LCI (GSR 10)			MCFCI (GSR 6)			MCFCI (GSR 5-6)		
	DD	PD	FE	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	478	403	106	3	3	6	0	15	0	20	18	20
Category of Service												
Adaptive Equipment	\$1.90	\$36.07	\$11.96	\$0.00	\$85.52	\$0.00	\$0.00	\$17.75	\$0.00	\$0.00	\$8.24	\$41.08
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	288.23	351.68	300.52	828.17	1,577.58	582.00	0.00	187.04	0.00	266.15	691.38	296.82
Financial Management	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Habilitation/Health	7.04	10.05	6.07	0.00	101.32	0.00	0.00	0.00	0.00	0.00	28.10	36.20
Home Care	5.59	15.78	2.04	0.00	269.21	0.00	0.00	0.00	0.00	0.00	0.00	64.45
Home Health Care	0.00	14.24	18.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Institutional	0.00	16.20	120.79	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	255.33
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	14.95	42.19	11.52	0.00	0.00	47.63	0.00	202.59	0.00	0.00	171.20	20.36
Vocational	7.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	\$325.64	\$486.20	\$471.49	\$828.17	\$2,033.64	\$629.63	\$0.00	\$407.38	\$0.00	\$266.15	\$898.92	\$714.24
Composite PMPM		\$406.81			\$983.33			\$407.38			\$619.85	

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Exhibit I
 Wisconsin Department of Health Services
 CY 2019 Family Care Capitation Rate Development
 Summary of 2017 Actual Experience by MCO / GSR¹
 Non-Nursing Home Level of Care

	MCFCI (GSR 8)			MCFCI (GSR 11)			Grand Total - Base Data		
	DD	PD	FE	DD	PD	FE	DD	PD	FE
Exposure Months	621	1,034	641	12	33	3	7,284	7,828	2,925
Category of Service									
Adaptive Equipment	\$4.60	\$15.41	\$17.29	\$6.73	\$13.26	\$6.90	\$3.75	\$29.54	\$19.44
Adult Day Activities	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.49	0.21
Case Management	270.76	306.14	279.32	357.97	343.21	675.96	276.29	315.24	322.72
Financial Management	6.14	0.74	0.00	13.54	0.00	0.00	7.59	6.78	5.14
Habilitation/Health	22.82	27.74	17.40	29.55	153.43	0.00	18.34	21.48	9.81
Home Care	20.69	7.07	10.06	0.00	0.00	0.00	31.89	52.51	58.17
Home Health Care	2.18	0.42	0.53	0.00	0.00	0.00	0.62	4.38	2.66
Institutional	1.53	39.62	11.62	0.00	0.00	0.00	1.13	10.29	17.14
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.06	0.24
Residential Care	0.00	0.00	4.08	0.00	0.00	0.00	4.63	3.51	5.97
Respite Care	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.61	0.24
Transportation	32.90	35.36	24.60	32.82	46.77	0.00	51.44	54.96	31.56
Vocational	16.94	0.00	0.00	0.00	0.00	0.00	29.89	1.27	0.00
Grand Total	\$378.56	\$432.50	\$364.90	\$440.62	\$556.67	\$682.86	\$427.08	\$501.14	\$473.30
Composite PMPM		\$399.03		\$533.96				\$466.72	

¹ Claim summaries presented in this exhibit are net of the costs related to non-covered services that are not cost effective in comparison with their corresponding covered service, as presented in the rate memorandum.

Exhibit J
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Data Development
Non-Nursing Home Level of Care

DD Development	CY 2017 Base Experience		IBNR Adjustment	2017 DD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM		
Care WI (GSR 1 - Non-Expansion Counties)	37	\$317.63	1.0042	\$318.96
Care WI (GSR 2)	183	594.25	1.0042	596.75
Care WI (GSR 3)	66	503.45	1.0042	505.56
Care WI (GSR 5 - Non-Expansion Counties)	465	524.36	1.0042	526.56
Care WI (GSR 6)	112	698.13	1.0042	701.06
Care WI (GSR 5-6)	183	541.16	1.0042	543.43
CCI (GSR 6)	344	330.32	1.0025	331.16
CCI (GSR 5-6)	284	403.53	1.0025	404.55
CCI (GSR 8)	363	375.34	1.0025	376.29
CCI (GSR 9)	78	309.54	1.0025	310.33
CCI (GSR 10)	336	403.45	1.0025	404.47
CCI (GSR 11)	329	392.98	1.0025	393.98
Inclusa (GSR 1 - Non-Expansion Counties)	270	338.44	1.0049	340.09
Inclusa (GSR 2)	589	352.72	1.0049	354.44
Inclusa (GSR 3)	776	406.81	1.0049	408.80
Inclusa (GSR 4 - Non-Expansion Counties)	1,338	481.67	1.0049	484.02
Inclusa (GSR 5 - Non-Expansion Counties)	49	414.74	1.0049	416.77
Inclusa (GSR 5-6)	9	125.88	1.0049	126.49
Inclusa (GSR 7)	339	583.21	1.0049	586.05
LCI (GSR 4 - Non-Expansion Counties)	0	0.00	1.0024	0.00
LCI (GSR 9)	478	325.64	1.0024	326.41
LCI (GSR 10)	3	828.17	1.0024	830.14
MCFCI (GSR 6)	0	0.00	1.0056	0.00
MCFCI (GSR 5-6)	20	266.15	1.0056	267.64
MCFCI (GSR 8)	621	378.56	1.0056	380.68
MCFCI (GSR 11)	12	440.62	1.0056	443.09
Total DD Experience Data	7,284	\$427.08	1.0042	\$428.87

PD Development	CY 2017 Base Experience		IBNR Adjustment	2017 PD Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM		
Care WI (GSR 1 - Non-Expansion Counties)	46	\$743.22	1.0042	\$746.34
Care WI (GSR 2)	291	350.72	1.0042	352.19
Care WI (GSR 3)	184	565.76	1.0042	568.13
Care WI (GSR 5 - Non-Expansion Counties)	300	549.62	1.0042	551.92
Care WI (GSR 6)	62	647.09	1.0042	649.81
Care WI (GSR 5-6)	167	372.66	1.0042	374.22
CCI (GSR 6)	109	452.11	1.0025	453.25
CCI (GSR 5-6)	163	592.86	1.0025	594.37
CCI (GSR 8)	1,033	528.94	1.0025	530.28
CCI (GSR 9)	186	592.36	1.0025	593.87
CCI (GSR 10)	433	421.25	1.0025	422.32
CCI (GSR 11)	387	382.11	1.0025	383.08
Inclusa (GSR 1 - Non-Expansion Counties)	321	509.01	1.0049	511.50
Inclusa (GSR 2)	598	413.30	1.0049	415.32
Inclusa (GSR 3)	813	618.26	1.0049	621.28
Inclusa (GSR 4 - Non-Expansion Counties)	815	575.84	1.0049	578.65
Inclusa (GSR 5 - Non-Expansion Counties)	18	351.08	1.0049	352.80
Inclusa (GSR 5-6)	9	412.92	1.0049	414.94
Inclusa (GSR 7)	382	512.26	1.0049	514.76
LCI (GSR 4 - Non-Expansion Counties)	6	979.97	1.0024	982.30
LCI (GSR 9)	403	486.20	1.0024	487.36
LCI (GSR 10)	3	2,033.64	1.0024	2,038.49
MCFCI (GSR 6)	15	407.38	1.0056	409.66
MCFCI (GSR 5-6)	18	898.92	1.0056	903.96
MCFCI (GSR 8)	1,034	432.50	1.0056	434.93
MCFCI (GSR 11)	33	556.67	1.0056	559.79
Total PD Experience Data	7,828	\$501.14	1.0041	\$503.18

Exhibit J
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
2017 Base Data Development
Non-Nursing Home Level of Care

FE Development	CY 2017 Base Experience		IBNR Adjustment	2017 FE Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM		
Care WI (GSR 1 - Non-Expansion Counties)	22	\$514.74	1.0042	\$516.90
Care WI (GSR 2)	104	466.58	1.0042	468.54
Care WI (GSR 3)	84	593.91	1.0042	596.40
Care WI (GSR 5 - Non-Expansion Counties)	52	656.33	1.0042	659.09
Care WI (GSR 6)	8	598.86	1.0042	601.38
Care WI (GSR 5-6)	31	633.21	1.0042	635.87
CCI (GSR 6)	20	511.14	1.0025	512.44
CCI (GSR 5-6)	40	537.65	1.0025	539.01
CCI (GSR 8)	153	467.94	1.0025	469.13
CCI (GSR 9)	76	509.36	1.0025	510.65
CCI (GSR 10)	88	547.60	1.0025	548.99
CCI (GSR 11)	175	509.09	1.0025	510.38
Inclusa (GSR 1 - Non-Expansion Counties)	131	383.00	1.0049	384.87
Inclusa (GSR 2)	159	343.25	1.0049	344.92
Inclusa (GSR 3)	520	534.71	1.0049	537.32
Inclusa (GSR 4 - Non-Expansion Counties)	329	436.00	1.0049	438.13
Inclusa (GSR 5 - Non-Expansion Counties)	0	0.00	1.0049	0.00
Inclusa (GSR 5-6)	6	243.38	1.0049	244.57
Inclusa (GSR 7)	150	700.45	1.0049	703.87
LCI (GSR 4 - Non-Expansion Counties)	2	450.83	1.0024	451.90
LCI (GSR 9)	106	471.49	1.0024	472.62
LCI (GSR 10)	6	629.63	1.0024	631.13
MCFCI (GSR 6)	0	0.00	1.0056	0.00
MCFCI (GSR 5-6)	20	714.24	1.0056	718.24
MCFCI (GSR 8)	641	364.90	1.0056	366.94
MCFCI (GSR 11)	3	682.86	1.0056	686.69
Total FE Experience Data	2,925	\$473.30	1.0044	\$475.36

Composite	CY 2017 Base Experience		IBNR Adjustment	2017 Composite Completed Net Base Costs PMPM
	Exposure Months	Gross Service Costs PMPM		
Care WI (GSR 1 - Non-Expansion Counties)	105	\$544.20	1.0042	\$546.48
Care WI (GSR 2)	578	448.70	1.0042	450.58
Care WI (GSR 3)	335	560.46	1.0042	562.81
Care WI (GSR 5 - Non-Expansion Counties)	816	541.99	1.0042	544.26
Care WI (GSR 6)	181	676.48	1.0042	679.32
Care WI (GSR 5-6)	381	474.51	1.0042	476.50
CCI (GSR 6)	473	366.12	1.0025	367.05
CCI (GSR 5-6)	488	477.88	1.0025	479.09
CCI (GSR 8)	1,549	486.91	1.0025	488.14
CCI (GSR 9)	340	509.17	1.0025	510.46
CCI (GSR 10)	857	427.29	1.0025	428.38
CCI (GSR 11)	891	411.08	1.0025	412.12
Inclusa (GSR 1 - Non-Expansion Counties)	722	422.35	1.0049	424.41
Inclusa (GSR 2)	1,346	378.51	1.0049	380.36
Inclusa (GSR 3)	2,109	519.87	1.0049	522.40
Inclusa (GSR 4 - Non-Expansion Counties)	2,482	506.52	1.0049	508.99
Inclusa (GSR 5 - Non-Expansion Counties)	67	397.40	1.0049	399.33
Inclusa (GSR 5-6)	24	265.02	1.0049	266.32
Inclusa (GSR 7)	871	572.25	1.0049	575.04
LCI (GSR 4 - Non-Expansion Counties)	8	824.47	1.0024	826.43
LCI (GSR 9)	987	406.81	1.0024	407.78
LCI (GSR 10)	12	983.33	1.0024	985.67
MCFCI (GSR 6)	15	407.38	1.0056	409.66
MCFCI (GSR 5-6)	57	619.85	1.0056	623.32
MCFCI (GSR 8)	2,296	399.03	1.0056	401.27
MCFCI (GSR 11)	47	533.96	1.0056	536.95
Total Experience Data	18,037	\$466.72	1.0042	\$468.66

Exhibit K
Wisconsin Department of Health Services
CY 2019 Family Care 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 – 2017 MM Mix
Total Base Period Claims	\$5,869,828	\$928,902	\$1,630,470	\$320,827	\$8,750,027
Non Covered Services Adjustment	96.14%	96.61%	96.00%	97.31%	96.21%
Claims Adjusted for Covered Services	\$5,643,508	\$897,423	\$1,565,189	\$312,189	\$8,418,309
IBNR Adjustment	1.0042	1.0042	1.0042	1.0042	1.0042
Completed Claims	\$5,667,005	\$901,159	\$1,571,706	\$313,489	\$8,453,359
CY 2017 Member Months	13,372	1,360	3,092	213	18,037
CY 2016 Functional PMPM	\$408.22	\$659.71	\$476.85	\$1,660.38	\$453.74
CY 2017 Functional PMPM	\$423.81	\$662.44	\$508.25	\$1,472.29	\$468.66
Normalized CY 2016 Relativity	0.8997	1.4539	1.0509	3.6593	1.0000
Normalized CY 2017 Relativity	0.9043	1.4135	1.0845	3.1415	1.0000
Normalized Average Relativity	0.9020	1.4337	1.0677	3.4004	1.0000
Functional Based PMPM	\$422.73	\$671.92	\$500.39	\$1,593.64	\$468.66

Exhibit L
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Illustration of Functional Based PMPMs and 2019 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 – 2017 MM Mix
Functional Based PMPM	\$422.73	\$671.92	\$500.39	\$1,593.64	\$468.66

Base Cohort	2019 Exposure Months				Composite Functional PMPM
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	
Care WI (GSR 1 - Non-Expansion Counties)	139	10	33	1	\$459.44
Care WI (GSR 2)	496	24	150	2	452.54
Care WI (GSR 3)	457	99	26	19	503.66
Care WI (GSR 5 - Non-Expansion Counties)	636	35	200	11	465.00
Care WI (GSR 6)	151	21	55	3	480.21
Care WI (GSR 5-6)	261	24	86	0	456.83
CCI (GSR 6)	421	8	115	4	450.72
CCI (GSR 5-6)	384	21	184	12	478.92
CCI (GSR 8)	1,315	243	251	11	474.12
CCI (GSR 9)	378	10	54	9	459.92
CCI (GSR 10)	648	14	129	0	440.43
CCI (GSR 11)	631	68	169	3	461.51
Inclusa (GSR 1 - Non-Expansion Counties)	314	25	74	3	459.95
Inclusa (GSR 2)	786	80	255	28	486.13
Inclusa (GSR 3)	1,075	104	193	10	461.04
Inclusa (GSR 4 - Non-Expansion Counties)	1,488	103	253	13	455.49
Inclusa (GSR 5 - Non-Expansion Counties)	58	4	18	1	466.15
Inclusa (GSR 5-6)	50	4	20	1	469.55
Inclusa (GSR 7)	444	44	163	10	476.14
LCI (GSR 4 - Non-Expansion Counties)	48	3	8	0	455.76
LCI (GSR 9)	779	41	173	26	475.63
LCI (GSR 10)	2	0	0	0	441.85
MCFCI (GSR 6)	26	4	9	1	480.21
MCFCI (GSR 5-6)	54	4	22	1	469.55
MCFCI (GSR 8)	1,488	266	262	31	482.77
MCFCI (GSR 11)	3	0	1	0	463.92
Total Base Cohort	12,531	1,259	2,904	202	\$468.62

Non- Base Cohort	2019 Exposure Months				Composite Functional PMPM
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	
Care WI (GSR 11)	62	6	17	1	\$463.92
Care WI (GSR 13)	407	45	128	19	494.27
Inclusa (GSR 14)	182	66	36	4	507.41
LCI (GSR 13)	225	51	96	4	488.82
MCFCI (GSR 2)	20	2	6	1	476.04
MCFCI (GSR 3)	55	6	9	1	466.88
MCFCI (GSR 14)	414	149	81	10	507.41
Total Non- Base Cohort	1,365	324	372	39	\$496.76

Expansion	2019 Exposure Months				Composite Functional PMPM
	Low IADL, Low ADL	Low IADL, High ADL	High IADL, Low ADL	High IADL, High ADL	
Care WI (GSR 1 Expansion - Taylor)	10	1	2	0	\$468.62
Care WI (GSR 5 Expansion - Adams)	1	0	0	0	468.62
Care WI (GSR 12)	116	12	27	2	468.62
Inclusa (GSR 1 Expansion - Taylor)	10	1	2	0	468.62
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	30	3	7	0	468.62
Inclusa (GSR 5 Expansion - Adams)	1	0	0	0	468.62
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	30	3	7	0	468.62
MCFCI (GSR 12)	100	10	23	2	468.62
Total Expansion	299	30	69	5	\$468.62

Exhibit M
Wisconsin Department of Health Services
CY 2019 Family Care 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		(B) Projection to CY 2019						2019 Service Costs
	2019 Exposure Months	MCO/GSR Specific Functional Rate	2019 Composite Adjustment Factors						
			Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Wage Index	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 - Non-Expansion Counties)	183	\$459.44	1.0108	1.0045	1.0166	1.0005	1.0001	0.9988	\$473.90
Care WI (GSR 2)	672	452.54	1.0108	1.0045	1.0166	1.0064	1.0001	0.9988	469.57
Care WI (GSR 3)	600	503.66	1.0108	1.0045	1.0166	0.9870	1.0001	0.9988	512.50
Care WI (GSR 5 - Non-Expansion Counties)	882	465.00	1.0108	1.0045	1.0166	0.9752	1.0001	0.9988	467.50
Care WI (GSR 6)	230	480.21	1.0108	1.0045	1.0166	0.9865	1.0001	0.9988	488.41
Care WI (GSR 5-6)	371	456.83	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	477.28
CCI (GSR 6)	548	450.72	1.0108	1.0045	1.0166	0.9865	1.0001	0.9988	458.42
CCI (GSR 5-6)	602	478.92	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	500.36
CCI (GSR 8)	1,822	474.12	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	495.35
CCI (GSR 9)	451	459.92	1.0108	1.0045	1.0166	0.9890	1.0001	0.9988	468.95
CCI (GSR 10)	791	440.43	1.0108	1.0045	1.0166	1.0016	1.0001	0.9988	454.79
CCI (GSR 11)	871	461.51	1.0108	1.0045	1.0166	1.0241	1.0001	0.9988	487.28
Inclusa (GSR 1 - Non-Expansion Counties)	416	459.95	1.0108	1.0045	1.0166	1.0005	1.0001	0.9988	474.42
Inclusa (GSR 2)	1,149	486.13	1.0108	1.0045	1.0166	1.0064	1.0001	0.9988	504.42
Inclusa (GSR 3)	1,382	461.04	1.0108	1.0045	1.0166	0.9870	1.0001	0.9988	469.13
Inclusa (GSR 4 - Non-Expansion Counties)	1,857	455.49	1.0108	1.0045	1.0166	0.9707	1.0001	0.9988	455.86
Inclusa (GSR 5 - Non-Expansion Counties)	81	466.15	1.0108	1.0045	1.0166	0.9752	1.0001	0.9988	468.66
Inclusa (GSR 5-6)	74	469.55	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	490.58
Inclusa (GSR 7)	660	476.14	1.0108	1.0045	1.0166	0.9899	1.0001	0.9988	485.92
LCI (GSR 4 - Non-Expansion Counties)	60	455.76	1.0108	1.0045	1.0166	0.9707	1.0001	0.9988	456.13
LCI (GSR 9)	1,019	475.63	1.0108	1.0045	1.0166	0.9890	1.0001	0.9988	484.97
LCI (GSR 10)	2	441.85	1.0108	1.0045	1.0166	1.0016	1.0001	0.9988	456.25
MCFCI (GSR 6)	39	480.21	1.0108	1.0045	1.0166	0.9865	1.0001	0.9988	488.41
MCFCI (GSR 5-6)	80	469.55	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	490.58
MCFCI (GSR 8)	2,047	482.77	1.0108	1.0045	1.0166	1.0134	1.0001	0.9988	504.38
MCFCI (GSR 11)	4	463.92	1.0108	1.0045	1.0166	1.0241	1.0001	0.9988	489.82
Total Base Cohort	16,896	\$468.62	1.0108	1.0045	1.0166	0.9978	1.0001	0.9988	\$482.10

Non-Base Cohort	(A) MCO/GSR Specific Base Rate Development		(B) Projection to CY 2019						2019 Service Costs
	2019 Exposure Months	MCO/GSR Specific Functional Rate	2019 Composite Adjustment Factors						
			Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Wage Index	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 11)	86	\$463.92	1.0108	1.0045	1.0166	1.0241	1.0001	0.9988	\$489.82
Care WI (GSR 13)	598	494.27	1.0108	1.0045	1.0166	0.9803	1.0001	0.9988	499.54
Inclusa (GSR 14)	288	507.41	1.0108	1.0045	1.0166	0.9784	1.0001	0.9988	511.82
LCI (GSR 13)	376	488.82	1.0108	1.0045	1.0166	0.9803	1.0001	0.9988	494.03
MCFCI (GSR 2)	29	476.04	1.0108	1.0045	1.0166	1.0064	1.0001	0.9988	493.95
MCFCI (GSR 3)	71	466.88	1.0108	1.0045	1.0166	0.9870	1.0001	0.9988	475.07
MCFCI (GSR 14)	653	507.41	1.0108	1.0045	1.0166	0.9784	1.0001	0.9988	511.82
Total Non-Base Cohort	2,100	\$496.76	1.0108	1.0045	1.0166	0.9816	1.0001	0.9988	\$502.76

Expansion Cohort	(A) MCO/GSR Specific Base Rate Development		(B) Projection to CY 2019						2019 Service Costs
	2019 Exposure Months	MCO/GSR Specific Functional Rate	2019 Composite Adjustment Factors						
			Two-Year Utilization Trend	Two-Year Unit Cost Trend	Two-Year Acuity Trend	Wage Index	Personal Care Rate Increase	DME Adjustment	
Care WI (GSR 1 Expansion - Taylor)	14	\$468.62	1.0108	1.0045	1.0166	1.0005	1.0001	0.9988	\$483.36
Care WI (GSR 5 Expansion - Adams)	2	468.62	1.0108	1.0045	1.0166	0.9752	1.0001	0.9988	471.14
Care WI (GSR 12)	156	468.62	1.0108	1.0045	1.0166	1.0474	1.0001	0.9988	506.06
Inclusa (GSR 1 Expansion - Taylor)	14	468.62	1.0108	1.0045	1.0166	1.0005	1.0001	0.9988	483.36
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	41	468.62	1.0108	1.0045	1.0166	0.9707	1.0001	0.9988	468.99
Inclusa (GSR 5 Expansion - Adams)	2	468.62	1.0108	1.0045	1.0166	0.9752	1.0001	0.9988	471.14
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	41	468.62	1.0108	1.0045	1.0166	0.9707	1.0001	0.9988	468.99
MCFCI (GSR 12)	134	468.62	1.0108	1.0045	1.0166	1.0474	1.0001	0.9988	506.06
Total Expansion Cohort	404	\$468.62	1.0108	1.0045	1.0166	1.0280	1.0001	0.9988	\$496.67

Grand Total	19,399	\$471.66	1.0108	1.0045	1.0166	0.9966	1.0001	0.9988	\$484.64
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Exhibit N
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Development of Non-Service Portion of LTC Rate, MCE, and Capitation Rates
Non-Nursing Home Level of Care

Base Cohort Development	2019 Exposure Months	(A)		(B)		(C)		(D) = (C) / (G)		(E) = (F) / (H)		(G) = (A) + (C)		(H) = (B) + (C) + (F)		(I) = (H) x 0.005		(J) = (H) - (I)	
		MCE Service Costs	2019 Service Costs	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	P4P Withhold	2019 Capitation Rate Less P4P Withhold								
Care WI (GSR 1 - Non-Expansion Counties)	183	\$473.90	\$473.90	\$20.66	4.2%	1.5%	\$7.53	\$494.56	\$502.09	\$2.51	\$499.58								
Care WI (GSR 2)	672	469.57	469.57	20.66	4.2%	1.5%	7.47	490.23	497.70	2.49	495.21								
Care WI (GSR 3)	600	512.50	512.50	20.66	3.9%	1.5%	8.12	533.16	541.28	2.71	538.57								
Care WI (GSR 5 - Non-Expansion Counties)	882	467.50	467.50	20.66	4.2%	1.5%	7.43	488.16	495.59	2.48	493.11								
Care WI (GSR 6)	230	488.41	488.41	20.66	4.1%	1.5%	7.75	509.07	516.82	2.58	514.24								
Care WI (GSR 5-6)	371	477.28	477.28	20.66	4.1%	1.5%	7.58	497.94	505.52	2.53	502.99								
CCI (GSR 6)	548	458.42	458.42	18.86	4.0%	1.5%	7.27	477.28	484.55	2.42	482.13								
CCI (GSR 5-6)	602	500.36	500.36	18.86	3.6%	1.5%	7.91	519.22	527.13	2.64	524.49								
CCI (GSR 8)	1,822	495.35	495.35	18.86	3.7%	1.5%	7.83	514.21	522.04	2.61	519.43								
CCI (GSR 9)	451	468.95	468.95	18.86	3.9%	1.5%	7.43	487.81	495.24	2.48	492.76								
CCI (GSR 10)	791	454.79	454.79	18.86	4.0%	1.5%	7.21	473.65	480.86	2.40	478.46								
CCI (GSR 11)	871	487.28	487.28	18.86	3.7%	1.5%	7.71	506.14	513.85	2.57	511.28								
Inclusa (GSR 1 - Non-Expansion Counties)	416	474.42	474.42	19.46	3.9%	1.5%	7.52	493.88	501.40	2.51	498.89								
Inclusa (GSR 2)	1,149	504.42	504.42	19.46	3.7%	1.5%	7.98	523.88	531.86	2.66	529.20								
Inclusa (GSR 3)	1,382	469.13	469.13	19.46	4.0%	1.5%	7.44	488.59	496.03	2.48	493.55								
Inclusa (GSR 4 - Non-Expansion Counties)	1,857	455.86	455.86	19.46	4.1%	1.5%	7.24	475.32	482.56	2.41	480.15								
Inclusa (GSR 5 - Non-Expansion Counties)	81	468.66	468.66	19.46	4.0%	1.5%	7.43	488.12	495.55	2.48	493.07								
Inclusa (GSR 5-6)	74	490.58	490.58	19.46	3.8%	1.5%	7.77	510.04	517.81	2.59	515.22								
Inclusa (GSR 7)	660	485.92	485.92	19.46	3.9%	1.5%	7.70	505.38	513.08	2.57	510.51								
LCI (GSR 4 - Non-Expansion Counties)	60	456.13	456.13	22.35	4.7%	1.5%	7.29	478.48	485.77	2.43	483.34								
LCI (GSR 9)	1,019	484.97	484.97	22.35	4.4%	1.5%	7.73	507.32	515.05	2.58	512.47								
LCI (GSR 10)	2	456.25	456.25	22.35	4.7%	1.5%	7.29	478.60	485.89	2.43	483.46								
MCFCI (GSR 6)	39	488.41	488.41	20.51	4.0%	1.5%	7.75	508.92	516.67	2.58	514.09								
MCFCI (GSR 5-6)	80	490.58	490.58	20.51	4.0%	1.5%	7.78	511.09	518.87	2.59	516.28								
MCFCI (GSR 8)	2,047	504.38	504.38	20.51	3.9%	1.5%	7.99	524.89	532.88	2.66	530.22								
MCFCI (GSR 11)	4	489.82	489.82	20.51	4.0%	1.5%	7.77	510.33	518.10	2.59	515.51								
Total Base Cohort	16,896	\$482.10	\$482.10	\$19.81	3.9%	1.5%	\$7.64	\$501.91	\$509.55	\$2.55	\$507.00								
Non-Base Cohort Development	2019 Exposure Months	MCE Service Costs	2019 Service Costs	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	P4P Withhold	2019 Capitation Rate Less P4P Withhold								
Care WI (GSR 11)	86	\$489.82	\$489.82	\$20.66	4.0%	1.5%	\$7.77	\$510.48	\$518.25	\$2.59	\$515.66								
Care WI (GSR 13)	598	499.54	499.54	20.66	4.0%	1.5%	7.92	520.20	528.12	2.64	525.48								
Inclusa (GSR 14)	288	511.82	511.82	19.46	3.7%	1.5%	8.09	531.28	539.37	2.70	536.67								
LCI (GSR 13)	376	494.03	494.03	22.35	4.3%	1.5%	7.86	516.38	524.24	2.62	521.62								
MCFCI (GSR 2)	29	493.95	493.95	20.51	4.0%	1.5%	7.83	514.46	522.29	2.61	519.68								
MCFCI (GSR 3)	71	475.07	475.07	20.51	4.1%	1.5%	7.55	495.58	503.13	2.52	500.61								
MCFCI (GSR 14)	853	511.82	511.82	20.51	3.9%	1.5%	8.11	532.33	540.44	2.70	537.74								
Total Non-Base Cohort	2,100	\$502.76	\$502.76	\$20.74	4.0%	1.5%	\$7.97	\$523.50	\$531.47	\$2.66	\$528.81								
Expansion Cohort Development	2019 Exposure Months	MCE Service Costs	2019 Service Costs	Administrative Allowance	Implied Administrative Percentage	Targeted Margin	Targeted Margin PMPM	MCE Rates	2019 Capitation Rate	P4P Withhold	2019 Capitation Rate Less P4P Withhold								
Care WI (GSR 1 Expansion - Taylor)	14	\$483.36	\$483.36	\$20.66	4.1%	1.5%	\$7.68	\$504.02	\$511.70	\$2.56	\$509.14								
Care WI (GSR 5 Expansion - Adams)	2	471.14	471.14	20.66	4.2%	1.5%	7.49	491.80	499.29	2.50	496.79								
Care WI (GSR 12)	156	506.06	506.06	20.66	3.9%	1.5%	8.02	526.72	534.74	2.67	532.07								
Inclusa (GSR 1 Expansion - Taylor)	14	483.36	483.36	19.46	3.9%	1.5%	7.66	502.82	510.48	2.55	507.93								
Inclusa (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	41	468.99	468.99	19.46	4.0%	1.5%	7.44	488.45	495.89	2.48	493.41								
Inclusa (GSR 5 Expansion - Adams)	2	471.14	471.14	19.46	4.0%	1.5%	7.47	490.60	498.07	2.49	495.58								
LCI (GSR 4 Expansion - Florence, Forest, Oneida, Vilas)	41	468.99	468.99	22.35	4.5%	1.5%	7.48	491.34	498.82	2.49	496.33								
MCFCI (GSR 12)	134	506.06	506.06	20.51	3.9%	1.5%	8.02	526.57	534.59	2.67	531.92								
Total Expansion Cohort	404	\$496.67	\$496.67	\$20.61	4.0%	1.5%	\$7.88	\$517.28	\$525.16	\$2.63	\$522.53								
Grand Total	19,399	\$484.64	\$484.64	\$19.93	3.9%	1.5%	\$7.68	\$504.57	\$512.25	\$2.56	\$509.68								

Exhibit O
 Wisconsin Department of Health Services
 CY 2019 Family Care 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)
	2019 Exposure Months	2019 Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Capitation Rate	2019 Capitation Rate Less P4P Withhold
GSR 1						
Care WI						
Non-Expansion Counties	183	\$473.90	\$20.66	\$7.53	\$502.09	\$499.58
Expansion Counties	14	483.36	20.66	7.68	511.70	509.14
GSR Rate	197	\$474.57	\$20.66	\$7.54	\$502.77	\$500.26
Inclusa						
Non-Expansion Counties	416	\$474.42	\$19.46	\$7.52	\$501.40	\$498.89
Expansion Counties	14	483.36	19.46	7.66	510.48	507.93
GSR Rate	430	\$474.71	\$19.46	\$7.52	\$501.69	\$499.18
GSR 4						
Inclusa						
Non-Expansion Counties	1,857	\$455.86	\$19.46	\$7.24	\$482.56	\$480.15
Expansion Counties	41	468.99	19.46	7.44	495.89	493.41
GSR Rate	1,898	\$456.14	\$19.46	\$7.25	\$482.85	\$480.44
LCI						
Non-Expansion Counties	60	\$456.13	\$22.35	\$7.29	\$485.77	\$483.34
Expansion Counties	41	468.99	22.35	7.48	498.82	496.33
GSR Rate	101	\$461.32	\$22.35	\$7.37	\$491.04	\$488.59
GSR 5						
Care WI						
Non-Expansion Counties	882	\$467.50	\$20.66	\$7.43	\$495.59	\$493.11
Expansion Counties	2	471.14	20.66	7.49	499.29	496.79
GSR Rate	883	\$467.51	\$20.66	\$7.43	\$495.60	\$493.12
Inclusa						
Non-Expansion Counties	81	\$468.66	\$19.46	\$7.43	\$495.55	\$493.07
Expansion Counties	2	471.14	19.46	7.47	498.07	495.58
GSR Rate	83	\$468.71	\$19.46	\$7.43	\$495.60	\$493.12

Exhibit P
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Monthly Rates Paid to MCOs
Non-Nursing Home Level of Care

		(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D) - (E)
		Monthly Rates					
MCO / GSR	2019 Exposure Months	2019 Service Costs	Administrative Allowance	Targeted Margin PMPM	2019 Capitation Rate	P4P Withhold	2019 Capitation Rate Less P4P Withhold
Care WI (GSR 1)	197	\$474.57	\$20.66	\$7.54	\$502.77	\$2.51	\$500.26
Care WI (GSR 2)	672	469.57	20.66	7.47	497.70	2.49	495.21
Care WI (GSR 3)	600	512.50	20.66	8.12	541.28	2.71	538.57
Care WI (GSR 5)	883	467.51	20.66	7.43	495.60	2.48	493.12
Care WI (GSR 6)	230	488.41	20.66	7.75	516.82	2.58	514.24
Care WI (GSR 5-6)	371	477.28	20.66	7.58	505.52	2.53	502.99
Care WI (GSR 11)	86	489.82	20.66	7.77	518.25	2.59	515.66
Care WI (GSR 12)	156	506.06	20.66	8.02	534.74	2.67	532.07
Care WI (GSR 13)	598	499.54	20.66	7.92	528.12	2.64	525.48
CCI (GSR 6)	548	458.42	18.86	7.27	484.55	2.42	482.13
CCI (GSR 5-6)	602	500.36	18.86	7.91	527.13	2.64	524.49
CCI (GSR 8)	1,822	495.35	18.86	7.83	522.04	2.61	519.43
CCI (GSR 9)	451	468.95	18.86	7.43	495.24	2.48	492.76
CCI (GSR 10)	791	454.79	18.86	7.21	480.86	2.40	478.46
CCI (GSR 11)	871	487.28	18.86	7.71	513.85	2.57	511.28
Inclusa (GSR 1)	430	474.71	19.46	7.52	501.69	2.51	499.18
Inclusa (GSR 2)	1,149	504.42	19.46	7.98	531.86	2.66	529.20
Inclusa (GSR 3)	1,382	469.13	19.46	7.44	496.03	2.48	493.55
Inclusa (GSR 4)	1,898	456.14	19.46	7.25	482.85	2.41	480.44
Inclusa (GSR 5)	83	468.71	19.46	7.43	495.60	2.48	493.12
Inclusa (GSR 5-6)	74	490.58	19.46	7.77	517.81	2.59	515.22
Inclusa (GSR 7)	660	485.92	19.46	7.70	513.08	2.57	510.51
Inclusa (GSR 14)	288	511.82	19.46	8.09	539.37	2.70	536.67
LCI (GSR 4)	101	461.32	22.35	7.37	491.04	2.45	488.59
LCI (GSR 9)	1,019	484.97	22.35	7.73	515.05	2.58	512.47
LCI (GSR 10)	2	456.25	22.35	7.29	485.89	2.43	483.46
LCI (GSR 13)	376	494.03	22.35	7.86	524.24	2.62	521.62
MCFCI (GSR 2)	29	493.95	20.51	7.83	522.29	2.61	519.68
MCFCI (GSR 3)	71	475.07	20.51	7.55	503.13	2.52	500.61
MCFCI (GSR 6)	39	488.41	20.51	7.75	516.67	2.58	514.09
MCFCI (GSR 5-6)	80	490.58	20.51	7.78	518.87	2.59	516.28
MCFCI (GSR 8)	2,047	504.38	20.51	7.99	532.88	2.66	530.22
MCFCI (GSR 11)	4	489.82	20.51	7.77	518.10	2.59	515.51
MCFCI (GSR 12)	134	506.06	20.51	8.02	534.59	2.67	531.92
MCFCI (GSR 14)	653	511.82	20.51	8.11	540.44	2.70	537.74

EXHIBIT Q

Actuarial Certification

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program
December 6, 2018

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 2019 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

michael.cook@milliman.com

December 6, 2018

**Wisconsin Department of Health Services
Capitated Contracts Ratesetting
Actuarial Certification
CY 2019 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) 2019 for filing with the Centers for Medicare and Medicaid Services (CMS). I reviewed the calculated capitation rates and am familiar with the relevant requirements of 42 CFR 438; the CMS "Attachment A, PAHP, PIHP and MCO Contracts Financial Review Documentation for At-risk Capitated Contracts Ratesetting;" the 2018-2019 Medicaid Managed Care Rate Development Guide and Actuarial Standard of Practice (ASOP) 49.

I examined the actuarial assumptions and actuarial methods used in setting the capitation rates for CY 2019. To the best of my information, knowledge and belief, the capitation rates offered by DHS are in compliance with the relevant requirements of 42 § CFR 438.3(c), 438.3(e), 438.4 (excluding paragraph (b)(9)), 438.5, 438.6, and 438.7.

In my opinion, the capitation rates are actuarially sound, as defined in ASOP 49, were 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.

In making my opinion, I relied upon the accuracy of the underlying claims and eligibility data records and other information. A copy of the reliance letter received from DHS is attached and constitutes part of this opinion. 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.

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.



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 large, looping 'M' and 'C'.

Michael C. Cook
Member, American Academy of Actuaries

December 6, 2018



RELIANCE LETTER

Scott Walker
Governor



DIVISION OF MEDICAID SERVICES

1 WEST WILSON STREET
PO BOX 309
MADISON WI 53701-0309

Linda Seemeyer
Secretary

State of Wisconsin
Department of Health Services

Telephone: 608-266-8922
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December 3, 2018

Mr. Michael Cook, FSA, MAAA
Principal and Consulting Actuary
Milliman, Inc.
15800 Bluemound Road, Suite 100
Brookfield, WI 53005

RE: Data Reliance for Actuarial Certification of CY 2019 Family Care, Family Care Partnership, and PACE Capitation Rates

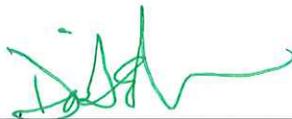
Dear Michael:

I, Dave Varana, Director of the Bureau of Long Term Care Financing, hereby affirm that the listings and summaries prepared and submitted to Milliman, Inc. for the development of the CY 2019 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) 2016 and 2017 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 2016 and 2017 for the Family Care program.
3. Long Term Care Functional Screen (LTCFS) data extracts through June 2018 for the Family Care, Family Care Partnership, and PACE programs.
4. Data files containing enrollment information on capitated plan assignment, program and target group, geographic indicators, and demographic indicators for CYs 2016, 2017, and YTD 2018 for the Family Care, Family Care Partnership, and PACE programs.
5. Data file containing a list of members impacted by changes to the target group automation algorithm.
6. Data files containing claims, diagnosis, 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 2019 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.
9. CY 2017 financials for health plans participating in the Family Care, Family Care Partnership, and PACE programs.
10. An administrative cost model for CY 2019 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 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 and market variability adjustment for the Family Care, Family Care Partnership, and PACE programs.

14. Information and direction regarding the goals of the PACE rate development.
15. Information and direction regarding the Pay for Performance and incentive payment mechanisms for the Family Care and Family Care Partnership programs.
16. 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.
17. Any other items provided to Milliman to support the 2019 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.



Dave Varana



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 2019 Capitation Rate Development Family Care Program
December 6, 2018

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 2019 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) 2019 managed care organization (MCO) capitation rates are developed using 2016 and 2017 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 2019 capitation rates is included as Exhibit Q of this report. The CY 2019 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 2019 MCO enrollment and CY 2019 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 CY 2019 rates documented in this report are the initial capitation rates for the CY 2019 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 2019 Family Care capitation rates include a targeted margin of 1.5% 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.

Exhibit R

Rate Setting Checklist

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).

AA.1.11 – Retroactive Adjustments

The CY 2019 rates documented in this report are the initial capitation rates for the CY 2019 Wisconsin Medicaid LTC managed care contracts and does not contain any retroactive adjustments.

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

The CY 2019 rate methodology relies on CY 2016 and CY 2017 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 CY 2019 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 2019 capitation rates are developed using Wisconsin Medicaid long term care (LTC) MCO encounter, eligibility, and functional screen data for CY 2016 and CY 2017 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 Section III 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 7 in Section III of the report for more details regarding the administrative cost calculation.

Exhibit R

Rate Setting Checklist

AA.3.3 – Special Populations' Adjustments

The CY 2019 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 150 members located in GSR 13.

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 2017 to CY 2019 were developed by rate category and type of service for Family Care eligible services and individuals using historical MCO encounter data from January 2015 to December 2017 and actuarial judgment.

The trend rates and inflation factors represent the expected change in per capita cost between CY 2017 and CY 2019, net of acuity changes.

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

Exhibit R

Rate Setting Checklist

AA.3.12 – Utilization Adjustments

Utilization trend is included in AA.3.11.

AA.3.13 – Utilization and Cost Assumptions

The CY 2019 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 Section III of this report for more information on the development of these adjustment factors.

AA.3.16 – Primary Care Rate Enhancement

The CY 2019 capitation rates only include Long-Term Care services.

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.

Exhibit R

Rate Setting Checklist

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 2019 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.

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 2019 costs greater than \$225,000 reimbursed depending on whether actual CY 2019 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 2019 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.

Exhibit R

Rate Setting Checklist

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

Not applicable.

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 CY 2019 contract period.

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

I. MEDICAID MANAGED CARE RATES

1. General Information

A. Rate Development Standards

- i. The rate certification included herein is for the calendar year (CY) 2019 contract period. The previous certification was for CY 2018 contract period.
- ii. This rate certification submission was prepared in accordance with 42 CFR §438.4, 438.5, 438.6, and 438.7.
 - 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 (excluding paragraph (b)(9)), 438.5, 438.6, and 438.7. The certification can be found in Exhibit Q.
 - The final and certified capitation rates for all rate cells and regions can be found in Exhibits H and P.
 - Rate ranges are not certified. Therefore, this requirement does not apply.
 - The items requested 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 rate certification submission does demonstrate that the capitation rates were developed using generally accepted actuarial practices and principles.
 - All adjustment to the capitation rates reflect reasonable, appropriate, and attainable costs
 - No adjustments to the rates are performed outside of the initial rate setting process beyond those outlined in Section V of the report
 - The final contracted rates in each cell match the capitation rates in the certification
- vii. 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.
- viii. This rate certification conforms to the procedure for rate certifications for rate and contract amendments. The CY 2019 rates documented in this report are the initial capitation rates for the CY 2019 Wisconsin Medicaid LTC managed care contracts.

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

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:

- Data used, including citations to studies, research papers, other states' analyses, or similar secondary data sources
 - Assumptions made, including any basis or justification for the assumption
 - Methods for analyzing data and developing assumptions and adjustments
- ii. We detail within our responses in this guide the section of our report where each item described in the 2018 to 2019 Medicaid Managed Care Rate Development Guide can be found.
 - iii. All services and populations included in this rate certification are subject to the regular state FMAP.
 - iv. Please see Section I of this report for the following details:
 - A comparison of the final certified rates in the prior certification
 - A description of material changes to the capitation rate development process

2. Data

A. Rate Development Standards

- i. Our report includes a thorough description of the data used.
 - 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.
 - b. The rate development methodology uses current MCO encounter data.
 - c. The data used is derived from the Medicaid population served under the Family Care program.
 - d. The rate development methodology uses recent MCO encounter data.

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.
- 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.

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

- 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.
- 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 2019 capitation rate methodology does not include any expenses for Institution for Mental Diseases (IMD).
- vi. The CY 2019 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. Section I of the report highlights key methodological changes since the previous rate development.
- iii. The rate certification include a section on projected benefit cost trends in compliance with 42 CFR §438.7(b)(2). See Step 4 of Section III 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.

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

- 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.

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.

- ii. Appropriate Documentation

The rate certification includes a description of the risk sharing mechanism. See Section III of the report.

D. Delivery System and Provider Payment Initiatives

- i. Rate Development Standards

The CY 2019 capitation rate methodology includes a maximum fee schedule established by the state.

- ii. Appropriate Documentation

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

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

E. Pass-Through Payments

i. Rate Development Standards

The CY 2019 capitation rate methodology does not include any pass-through payments.

ii. Appropriate Documentation

The CY 2019 capitation rate methodology does not include any pass-through payments.

5. Projected Non-Benefit Costs

A. Rate Development Standards

- i. The development of the non-benefit component of the CY 2019 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.
- ii. The non-benefit costs included in the CY 2019 capitation rates are developed as a per member per month for common categories of administrative expenses.
- 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 Wisconsin Family Care program covers only LTC services. As such, the revenue received by participating providers does not accrue a Health Insurance Providers Fee liability.

B. Appropriate Documentation

- i. Please refer to Step 7 in Section III 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. The Wisconsin Family Care program covers only LTC services. As such, the revenue received by participating providers does not accrue a Health Insurance Providers Fee liability.

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

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.
- 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 are a blend of the various target groups eligible for the program and blend costs for individuals in all settings of care. Details behind the target group assignment is included in Section III of this report.

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

Exhibit S

Response to 2018 to 2019 Managed Care Rate Development Guide (May 2018)

- 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 7 in Section III 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.

III. NEW ADULT GROUP CAPITATION RATES

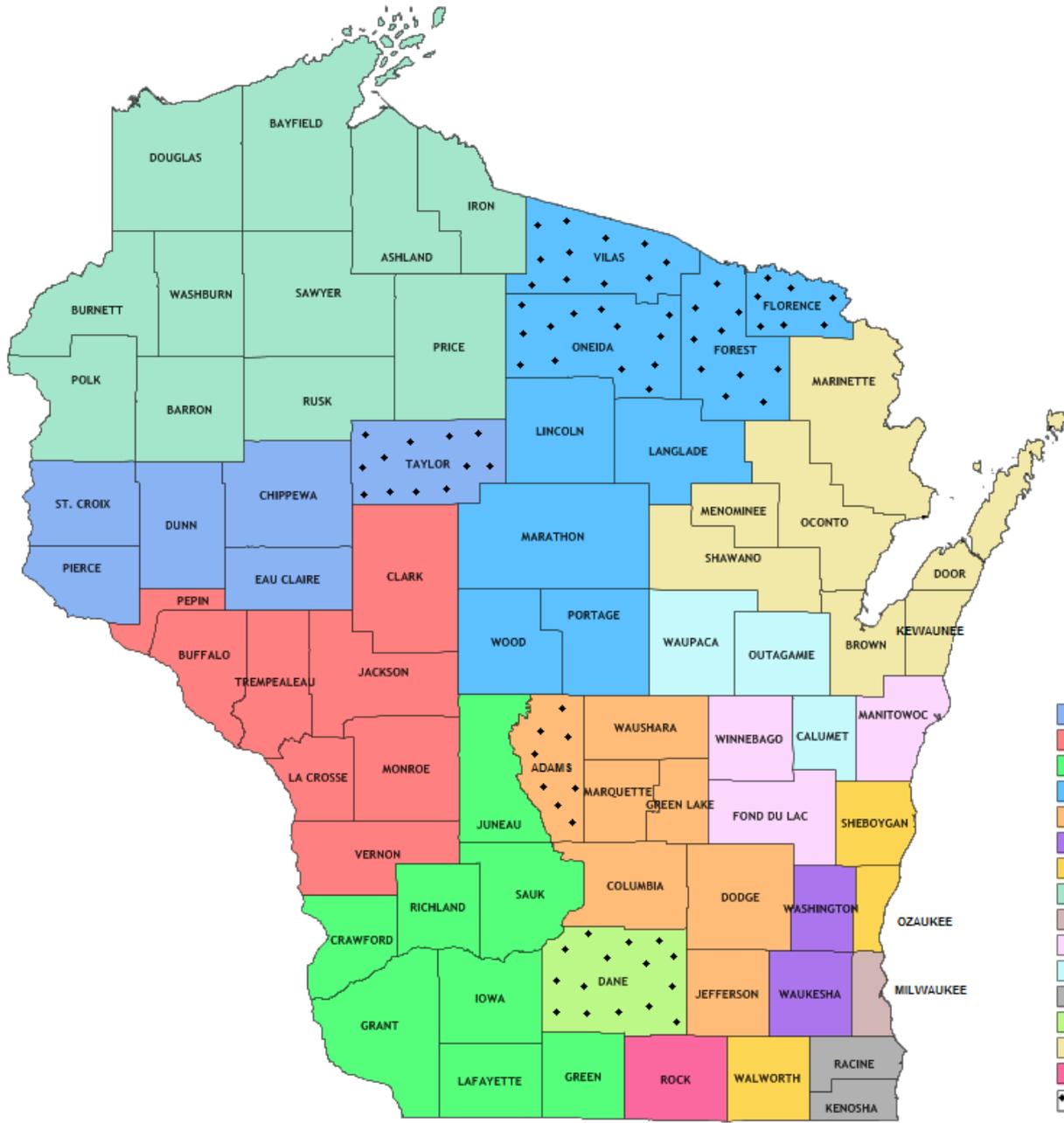
This certification does not include rates for the new adult group under 1902(a)(10)(A)(i)(VIII) of the Social Security Act.

APPENDIX A

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program

December 6, 2018

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 2019 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

APPENDIX B

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program

December 6, 2018

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Appendix B
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
IBNR Factor Buildup - Provider Services

Care WI						
Incurred Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-17	7,294	\$19,217,662	\$19,575,235	\$357,573		1.0186
Nov-17	7,251	19,448,014	19,675,918	227,904		1.0117
Oct-17	7,188	20,142,233	20,316,718	174,485		1.0087
Sep-17	7,121	18,954,149	19,076,072	121,923		1.0064
Aug-17	7,051	19,903,657	19,987,596	83,939		1.0042
Jul-17	6,979	19,723,264	19,775,747	52,483		1.0027
Jun-17	6,877	18,906,106	18,936,077	29,971		1.0016
May-17	6,835	19,447,719	19,468,643	20,924		1.0011
Apr-17	6,748	18,241,190	18,250,300	9,110		1.0005
Mar-17	6,689	19,031,104	19,031,104	0		1.0000
Feb-17	6,611	16,907,032	16,907,032	0		1.0000
Jan-17	6,533	18,446,144	18,446,144	0		1.0000
CY 2017	83,177	\$228,368,274	\$229,446,586	\$1,078,312		1.0047

CCI						
Incurred Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-17	10,580	\$28,414,779	\$28,785,497	\$370,718		1.0130
Nov-17	10,533	28,331,901	28,552,224	220,323		1.0078
Oct-17	10,457	29,186,104	29,333,488	147,384		1.0050
Sep-17	10,397	28,054,245	28,139,849	85,604		1.0031
Aug-17	10,309	29,219,262	29,275,584	56,322		1.0019
Jul-17	10,258	28,548,809	28,580,363	31,554		1.0011
Jun-17	10,223	27,959,702	27,980,497	20,795		1.0007
May-17	10,160	28,652,138	28,664,590	12,452		1.0004
Apr-17	10,096	27,062,991	27,066,410	3,419		1.0001
Mar-17	10,035	28,336,306	28,336,306	0		1.0000
Feb-17	9,952	25,433,163	25,433,163	0		1.0000
Jan-17	9,873	27,618,110	27,618,110	0		1.0000
CY 2017	122,874	\$336,817,510	\$337,766,081	\$948,571		1.0028

Inclusa						
Incurred Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-17	15,391	\$37,874,924	\$38,576,503	\$701,579		1.0185
Nov-17	15,449	38,275,935	38,779,490	503,555		1.0132
Oct-17	15,493	40,297,532	40,728,464	430,932		1.0107
Sep-17	15,514	38,673,704	38,995,978	322,274		1.0083
Aug-17	15,517	40,837,845	41,096,127	258,282		1.0063
Jul-17	15,493	39,954,996	40,121,903	166,907		1.0042
Jun-17	15,276	38,516,483	38,628,708	112,225		1.0029
May-17	15,270	39,433,887	39,514,391	80,504		1.0020
Apr-17	15,290	37,264,359	37,304,813	40,454		1.0011
Mar-17	15,288	39,102,421	39,124,497	22,076		1.0006
Feb-17	15,276	35,155,694	35,164,780	9,086		1.0003
Jan-17	15,293	38,470,422	38,470,422	0		1.0000
CY 2017	184,550	\$463,858,202	\$466,506,076	\$2,647,874		1.0057

Appendix B
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
IBNR Factor Buildup - Provider Services

LCI						
Incurring Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-17	5,056	\$13,670,695	\$13,828,687	\$157,992		1.0116
Nov-17	5,018	13,484,217	13,575,556	91,339		1.0068
Oct-17	4,995	14,227,021	14,282,395	55,374		1.0039
Sep-17	4,948	13,497,515	13,537,976	40,461		1.0030
Aug-17	4,880	13,956,670	13,990,876	34,206		1.0025
Jul-17	4,800	13,631,316	13,650,391	19,075		1.0014
Jun-17	4,584	12,858,224	12,870,489	12,265		1.0010
May-17	4,544	13,152,013	13,159,689	7,676		1.0006
Apr-17	4,512	12,273,056	12,277,962	4,906		1.0004
Mar-17	4,475	12,797,778	12,800,283	2,505		1.0002
Feb-17	4,456	11,546,115	11,546,857	742		1.0001
Jan-17	4,450	12,649,765	12,649,765	0		1.0000
CY 2017	56,719	\$157,744,385	\$158,170,926	\$426,541		1.0027

MCFCI						
Incurring Month	Member Months	Cumulative Paid	Estimated Incurred	Outstanding Liability	IBNR Adjustment Factor	
Dec-17	8,405	\$19,622,035	\$19,973,343	\$351,308		1.0179
Nov-17	8,431	19,467,483	19,695,415	227,932		1.0117
Oct-17	8,464	20,143,863	20,353,373	209,510		1.0104
Sep-17	8,470	19,422,195	19,598,834	176,639		1.0091
Aug-17	8,455	20,262,514	20,420,367	157,853		1.0078
Jul-17	8,462	20,504,748	20,637,779	133,031		1.0065
Jun-17	8,466	19,833,435	19,936,309	102,874		1.0052
May-17	8,450	20,363,537	20,442,703	79,166		1.0039
Apr-17	8,434	19,747,380	19,798,527	51,147		1.0026
Mar-17	8,415	20,363,043	20,389,397	26,354		1.0013
Feb-17	8,442	18,732,573	18,732,573	0		1.0000
Jan-17	8,478	20,850,709	20,850,709	0		1.0000
CY 2017	101,371	\$239,313,515	\$240,829,329	\$1,515,814		1.0063

APPENDIX C

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program

December 6, 2018

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 2019 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.

Appendix C1
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Projected 2019 Family Care Expenditures
Nursing Home Level of Care

Enrollment Matrix by Base Rate Cell		Fiscal Results Matrix by Base Rate Cell				
MCO / GSR	2019 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
Care WI (GSR 1)	5,389	\$3,250.57	\$1,929.86	\$10,400,412	\$1,320.71	\$7,117,547
Care WI (GSR 2)	6,488	2,581.69	1,532.75	9,943,867	1,048.94	6,805,109
Care WI (GSR 3)	4,574	3,043.36	1,806.84	8,263,729	1,236.52	5,655,302
Care WI (GSR 5)	30,276	3,525.53	2,093.11	63,370,351	1,432.42	43,367,650
Care WI (GSR 6)	5,188	3,220.06	1,911.75	9,917,894	1,308.31	6,787,334
Care WI (GSR 5-6)	19,127	3,733.46	2,216.56	42,396,039	1,516.90	29,013,829
Care WI (GSR 11)	1,601	3,392.34	2,014.03	3,225,442	1,378.31	2,207,339
Care WI (GSR 12)	12,081	4,344.76	2,579.48	31,161,932	1,765.28	21,325,742
Care WI (GSR 13)	21,207	3,406.45	2,022.41	42,888,689	1,384.04	29,350,976
CCI (GSR 6)	22,506	3,575.20	2,122.60	47,770,963	1,452.60	32,692,172
CCI (GSR 5-6)	16,330	3,719.28	2,208.14	36,059,046	1,511.14	24,677,094
CCI (GSR 8)	37,637	3,267.30	1,939.80	73,007,535	1,327.50	49,962,879
CCI (GSR 9)	4,860	3,098.27	1,839.44	8,940,009	1,258.83	6,118,116
CCI (GSR 10)	18,501	3,552.41	2,109.07	39,019,820	1,443.34	26,703,306
CCI (GSR 11)	29,464	3,563.39	2,115.58	62,334,304	1,447.81	42,658,628
Inclusa (GSR 1)	29,486	3,686.09	2,188.43	64,528,273	1,497.66	44,160,076
Inclusa (GSR 2)	43,356	3,353.51	1,990.98	86,320,520	1,362.53	59,073,652
Inclusa (GSR 3)	23,493	3,236.52	1,921.52	45,142,505	1,315.00	30,893,380
Inclusa (GSR 4)	43,354	3,187.02	1,892.13	82,031,297	1,294.89	56,138,312
Inclusa (GSR 5)	2,745	3,219.75	1,911.57	5,246,535	1,308.18	3,590,479
Inclusa (GSR 5-6)	691	3,464.90	2,057.11	1,420,642	1,407.79	972,220
Inclusa (GSR 7)	29,191	3,276.75	1,945.41	56,788,319	1,331.34	38,863,220
Inclusa (GSR 14)	6,944	4,098.51	2,433.29	16,896,743	1,665.22	11,563,326
LCI (GSR 4)	6,088	3,262.05	1,936.68	11,790,497	1,325.37	8,068,854
LCI (GSR 9)	30,153	3,433.77	2,038.63	61,470,744	1,395.14	42,067,649
LCI (GSR 10)	4,589	3,269.86	1,941.32	8,907,830	1,328.54	6,096,094
LCI (GSR 13)	28,690	3,778.52	2,243.31	64,360,828	1,535.21	44,045,485
MCFCI (GSR 2)	1,345	3,218.62	1,910.89	2,570,015	1,307.73	1,758,796
MCFCI (GSR 3)	723	3,101.68	1,841.47	1,331,652	1,260.21	911,319
MCFCI (GSR 6)	965	3,273.98	1,943.76	1,875,470	1,330.22	1,283,483
MCFCI (GSR 5-6)	1,832	3,409.23	2,024.06	3,708,096	1,385.17	2,537,644
MCFCI (GSR 8)	90,908	3,090.20	1,834.65	166,784,335	1,255.55	114,139,254
MCFCI (GSR 11)	3,917	3,257.01	1,933.69	7,574,829	1,323.32	5,183,852
MCFCI (GSR 12)	2,618	4,268.98	2,534.49	6,634,565	1,734.49	4,540,380
MCFCI (GSR 14)	5,210	3,236.02	1,921.23	10,009,215	1,314.79	6,849,830
Grand Total	591,524	\$3,400.15	\$2,018.67	\$1,194,092,941	\$1,381.48	\$817,180,330

Assuming FFY 2019 Federal Medical Assistance Percentage of 59.37%

Appendix C2
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Projected 2019 Family Care Expenditures
Non-Nursing Home Level of Care

Enrollment Matrix by Base Rate Cell		Fiscal Results Matrix by Base Rate Cell				
MCO / GSR	2019 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
Care WI (GSR 1)	197	\$502.77	\$298.49	\$58,866	\$204.28	\$40,285
Care WI (GSR 2)	672	497.70	295.48	198,699	202.22	135,980
Care WI (GSR 3)	600	541.28	321.36	192,927	219.92	132,030
Care WI (GSR 5)	883	495.60	294.24	259,930	201.36	177,883
Care WI (GSR 6)	230	516.82	306.84	70,723	209.98	48,399
Care WI (GSR 5-6)	371	505.52	300.13	111,251	205.39	76,135
Care WI (GSR 11)	86	518.25	307.69	26,366	210.56	18,043
Care WI (GSR 12)	156	534.74	317.48	49,548	217.26	33,908
Care WI (GSR 13)	598	528.12	313.54	187,349	214.58	128,212
CCI (GSR 6)	548	484.55	287.68	157,621	196.87	107,868
CCI (GSR 5-6)	602	527.13	312.96	188,407	214.17	128,937
CCI (GSR 8)	1,822	522.04	309.94	564,607	212.10	386,390
CCI (GSR 9)	451	495.24	294.02	132,648	201.22	90,778
CCI (GSR 10)	791	480.86	285.49	225,837	195.37	154,552
CCI (GSR 11)	871	513.85	305.07	265,674	208.78	181,815
Inclusa (GSR 1)	430	501.69	297.85	128,075	203.84	87,649
Inclusa (GSR 2)	1,149	531.86	315.77	362,851	216.09	248,318
Inclusa (GSR 3)	1,382	496.03	294.49	407,057	201.54	278,570
Inclusa (GSR 4)	1,898	482.85	286.67	544,009	196.18	372,294
Inclusa (GSR 5)	83	495.60	294.24	24,369	201.36	16,677
Inclusa (GSR 5-6)	74	517.81	307.42	22,791	210.39	15,597
Inclusa (GSR 7)	660	513.08	304.62	201,131	208.46	137,644
Inclusa (GSR 14)	288	539.37	320.22	92,118	219.15	63,041
LCI (GSR 4)	101	491.04	291.53	29,536	199.51	20,213
LCI (GSR 9)	1,019	515.05	305.79	311,549	209.26	213,209
LCI (GSR 10)	2	485.89	288.47	565	197.42	387
LCI (GSR 13)	376	524.24	311.24	116,951	213.00	80,036
MCFCI (GSR 2)	29	522.29	310.08	9,052	212.21	6,195
MCFCI (GSR 3)	71	503.13	298.71	21,200	204.42	14,508
MCFCI (GSR 6)	39	516.67	306.75	12,103	209.92	8,283
MCFCI (GSR 5-6)	80	518.87	308.05	24,694	210.82	16,899
MCFCI (GSR 8)	2,047	532.88	316.37	647,736	216.51	443,280
MCFCI (GSR 11)	4	518.10	307.60	1,295	210.50	886
MCFCI (GSR 12)	134	534.59	317.39	42,633	217.20	29,176
MCFCI (GSR 14)	653	540.44	320.86	209,622	219.58	143,455
Grand Total	19,399	\$512.25	\$304.12	\$5,899,788	\$208.13	\$4,037,534

Assuming FFY 2019 Federal Medical Assistance Percentage of 59.37%

Appendix C3
Wisconsin Department of Health Services
CY 2019 Family Care Capitation Rate Development
Projected 2019 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	2019 Exposure Months	Average Total Capitation Rate	Federal Capitation Rate Liability	Federal Capitation Total Cost Liability	State Capitation Rate Liability	State Capitation Total Cost Liability
Care WI (GSR 1)	5,586	\$3,153.57	\$1,872.27	\$10,459,278	\$1,281.29	\$7,157,832
Care WI (GSR 2)	7,160	2,385.97	1,416.55	10,142,566	969.42	6,941,089
Care WI (GSR 3)	5,174	2,753.03	1,634.48	8,456,655	1,118.56	5,787,332
Care WI (GSR 5)	31,159	3,439.63	2,042.11	63,630,281	1,397.52	43,545,533
Care WI (GSR 6)	5,418	3,105.07	1,843.48	9,988,617	1,261.59	6,835,734
Care WI (GSR 5-6)	19,498	3,672.09	2,180.12	42,507,290	1,491.97	29,089,965
Care WI (GSR 11)	1,687	3,246.37	1,927.37	3,251,807	1,319.00	2,225,382
Care WI (GSR 12)	12,237	4,296.17	2,550.63	31,211,480	1,745.53	21,359,650
Care WI (GSR 13)	21,804	3,327.57	1,975.58	43,076,038	1,351.99	29,479,189
CCI (GSR 6)	23,054	3,501.75	2,078.99	47,928,584	1,422.76	32,800,040
CCI (GSR 5-6)	16,932	3,605.78	2,140.75	36,247,453	1,465.03	24,806,030
CCI (GSR 8)	39,458	3,140.56	1,864.55	73,572,142	1,276.01	50,349,269
CCI (GSR 9)	5,311	2,877.17	1,708.17	9,072,657	1,168.99	6,208,894
CCI (GSR 10)	19,292	3,426.46	2,034.29	39,245,657	1,392.17	26,857,858
CCI (GSR 11)	30,335	3,475.84	2,063.61	62,599,978	1,412.24	42,840,443
Inclusa (GSR 1)	29,916	3,640.32	2,161.26	64,656,348	1,479.06	44,247,725
Inclusa (GSR 2)	44,505	3,280.66	1,947.72	86,683,371	1,332.93	59,321,970
Inclusa (GSR 3)	24,875	3,084.24	1,831.11	45,549,562	1,253.13	31,171,950
Inclusa (GSR 4)	45,252	3,073.62	1,824.81	82,575,306	1,248.81	56,510,606
Inclusa (GSR 5)	2,827	3,139.95	1,864.19	5,270,904	1,275.76	3,607,156
Inclusa (GSR 5-6)	765	3,179.21	1,887.49	1,443,433	1,291.71	987,817
Inclusa (GSR 7)	29,851	3,215.62	1,909.11	56,989,450	1,306.51	39,000,865
Inclusa (GSR 14)	7,232	3,956.93	2,349.23	16,988,861	1,607.70	11,626,367
LCI (GSR 4)	6,189	3,216.69	1,909.75	11,820,033	1,306.94	8,089,067
LCI (GSR 9)	31,172	3,338.37	1,981.99	61,782,293	1,356.38	42,280,859
LCI (GSR 10)	4,591	3,268.67	1,940.61	8,908,395	1,328.06	6,096,481
LCI (GSR 13)	29,066	3,736.45	2,218.33	64,477,779	1,518.12	44,125,521
MCFCI (GSR 2)	1,374	3,161.34	1,876.89	2,579,067	1,284.45	1,764,990
MCFCI (GSR 3)	794	2,869.44	1,703.59	1,352,852	1,165.85	925,827
MCFCI (GSR 6)	1,004	3,165.66	1,879.45	1,887,573	1,286.21	1,291,765
MCFCI (GSR 5-6)	1,912	3,288.06	1,952.12	3,732,789	1,335.94	2,554,543
MCFCI (GSR 8)	92,955	3,033.87	1,801.21	167,432,070	1,232.66	114,582,534
MCFCI (GSR 11)	3,922	3,254.07	1,931.94	7,576,123	1,322.13	5,184,738
MCFCI (GSR 12)	2,752	4,086.71	2,426.28	6,677,198	1,660.43	4,569,556
MCFCI (GSR 14)	5,863	2,935.66	1,742.90	10,218,837	1,192.76	6,993,285
Grand Total	610,924	\$3,308.45	\$1,964.23	\$1,199,992,728	\$1,344.22	\$821,217,864

Assuming FFY 2019 Federal Medical Assistance Percentage of 59.37%

APPENDIX D

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program

December 6, 2018

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 2019 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.

Appendix D
Wisconsin Department of Health Services
CY 2019 Family Care Draft Capitation Rate Development
Family Care Trend Development

	PMPM Costs			2015-2017 Annual Trend	Selected Trend ¹
	CY 2015	CY 2016	CY 2017		
Developmentally Disabled	\$3,415.85	\$3,478.51	\$3,568.17	2.21%	2.10%
Physically Disabled	2,114.94	2,133.47	2,176.74	1.45%	1.30%
Frail Elderly	2,455.74	2,486.18	2,490.56	0.71%	1.20%
	Acuity/Risk Scores				
	CY 2015	CY 2016	CY 2017		
Developmentally Disabled	0.9732	0.9844	1.0134	2.05%	2.10%
Physically Disabled	0.9999	1.0066	0.9918	-0.40%	-0.30%
Frail Elderly	0.9856	0.9965	1.0081	1.13%	1.20%
	Risk Adjusted PMPM Costs				
	CY 2015	CY 2016	CY 2017		
Developmentally Disabled	\$3,510.04	\$3,533.81	\$3,520.98	0.16%	0.00%
Physically Disabled	2,115.21	2,119.41	2,194.75	1.86%	1.60%
Frail Elderly	2,491.54	2,494.84	2,470.63	-0.42%	0.00%

¹The final selected trends are based on the results of a regression analysis using monthly PMPM service costs from 2015 - 2017.

APPENDIX E

State of Wisconsin Department of Health Services
Calendar Year 2019 Capitation Rate Development Family Care Program

December 6, 2018

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Appendix E
Wisconsin Department of Health Services
CY 2019 Family Care Preliminary Capitation Rate Development
2015 – 2017 Actual to Expected Average

MCO / GSR	Actual to Expected Ratio
Inclusa / GSR 5/6	-18.49%
Care WI / GSR 2	-9.87%
MCFCI / GSR 11	-9.39%
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Inclusa / GSR 2	-6.65%
Care WI / GSR 5	-4.67%
CCI / GSR 5/6	-4.49%
CCI / GSR 10	-4.40%
LCI / GSR 9	-3.30%
Inclusa / GSR 7	-2.45%
MCFCI / GSR 8	-1.87%
Inclusa / GSR 1 - Non-Expansion	-1.82%
CCI / GSR 11	-1.69%
Inclusa / GSR 4 - Non-Expansion	-1.17%
Care WI / GSR 5/6	0.07%
CCI / GSR 6	0.70%
Inclusa / GSR 5	1.16%
MCFCI / GSR 5/6	2.25%
Inclusa / GSR 3	3.79%
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CCI / GSR 8	6.75%
MCFCI / GSR 6	7.53%
Care WI / GSR 6	9.76%