



IA Health Link Medical Risk Adjustment

State Fiscal Year 2018

State of Iowa,

Iowa Department of Human Services, Division of Medical Assistance

Prepared for:
Elizabeth Matney
Medicaid Managed Care Director

Prepared by:
Robert M. Damler, FSA, MAAA
Principal and Consulting Actuary

Ian M. McCulla, FSA, MAAA
Consulting Actuary

10 West Market Street
Suite 1600
Indianapolis, IN 46024-5126
USA

Tel +1 317 639-1000
Fax +1 317 639-1001

milliman.com

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EXECUTIVE SUMMARY

Milliman, Inc. (Milliman) has been retained by the State of Iowa, Department of Human Services, Division of Medical Assistance (DHS), to develop risk adjustment factors to be applied to the state fiscal year (SFY) 2018 capitation rates for the IA Health Link program. The prospective risk adjustment factors were developed utilizing a methodology that is estimated to be cost neutral to DHS.

This report documents the medical risk scores developed for the IA Health Link populations using the Chronic Illness & Disability Payment System and MedicaidRx risk adjustment model (CDPS-Rx). The CDPS-Rx model diagnostic category weights were recalibrated for dual eligible populations, while standard diagnostic category weights were utilized for non-dual eligible populations. A detailed description of the modeling parameters used in the development of the relative risk scores is presented in the methodology section of this report.

Figure 1 illustrates the medical risk scores by managed care organization (MCO) for each risk adjustment group.

Figure 1 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Normalized Risk Scores				
Risk Adjustment Group	Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs
Children	1.0022	1.0133	0.9840	1.0000
TANF Adults	1.0017	1.0056	0.9912	1.0000
Wellness Plan	1.0012	1.0108	0.9865	1.0000
Dual Eligibles	1.0015	1.0152	0.9774	1.0000
Disabled Children (Non-Dual)	0.9940	1.0393	0.9557	1.0000
Disabled Adults (Non-Dual)	1.0144	0.9958	0.9884	1.0000
Elderly	0.9843	0.9992	1.0203	1.0000
Physically Disabled	1.0493	0.9600	1.0197	1.0000
Intellectually Disabled	1.0500	0.9827	1.0992	1.0000
Children's Mental Health	1.0483	1.0103	0.9295	1.0000

Note

1. The following rate cells are excluded from medical risk adjustment and will receive a 1.0 risk score: children 0-364 days, pregnant women, and maternity case rates.
2. Children Risk Adjustment group includes the following population: TANF Children > 364 days, CHIP, and hawk-i.

The SFY 2018 risk adjustment process includes the following updates to the April 1, 2016 through June 30, 2017 risk adjustment methodology:

- The hawk-i, community dual, residential care facility, and LTSS populations are included in medical risk adjustment.
- The standard CDPS weights were recalibrated for the dual eligible populations to account for Medicare coordination of benefits.

Figure 2 illustrates the estimated fiscal impact of the medical risk adjustment process using the rates included in the SFY 2018 IA Health Link capitation rate certification dated August 21, 2017.

Figure 2 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Estimated SFY 2018 Fiscal Impact (in millions)			
Managed Care Organization	Gross Base Medical Capitation Revenue	Gross Risk Adjusted Base Medical Capitation Revenue	Gross Increase / (Decrease)
Amerigroup	\$ 836.0	\$ 839.5	\$ 3.5
AmeriHealth Caritas	947.4	952.5	5.1
United Healthcare	749.3	740.7	(8.6)
All MCOs	\$ 2,532.7	\$ 2,532.7	\$ 0.0

Note

1. Values have been rounded.
2. SFY 2018 maternity kick payments were estimated annualizing the kick payments reported in the April through December 2016 Encounter Utilization Monitoring reports submitted by the MCOs.
3. SFY 2018 member months for the hawk-i population were estimated utilizing annualized March 1, 2017 enrollment.
4. SFY 2018 member months for all other populations were estimated utilizing annualized May 1, 2017 enrollment.
5. Illustrated revenue excludes habilitation risk pool revenue, graduate medical education, and University of Iowa Health Care supplemental payments.

Appendices A1 through A3 illustrate the application of the MCO-specific risk scores to the SFY 2018 gross and net capitation rates for each MCO. The non-risk adjusted gross base medical capitation rates illustrated are consistent with the capitation rates as documented in the August 21, 2017 IA Health Link capitation rate report.

Appendix B illustrates the development of the risk scores utilized in adjusting the medical capitation rates.

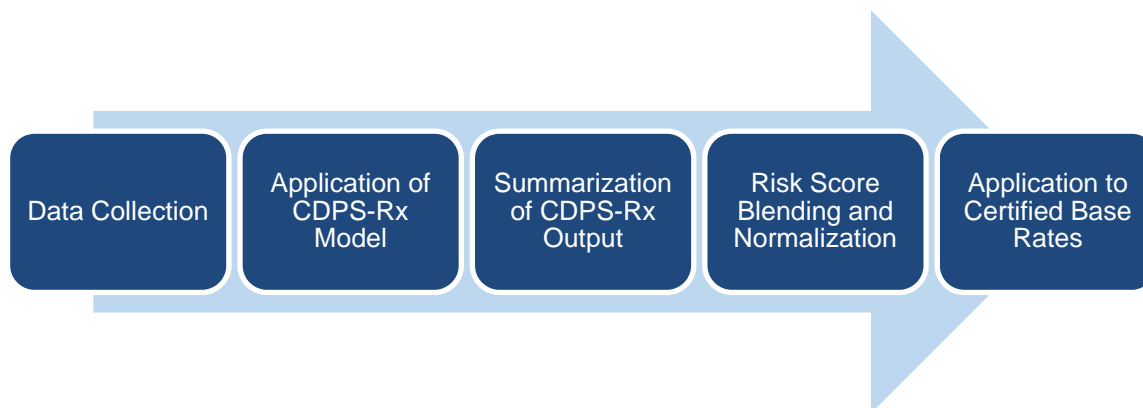
Appendix C provides a prevalence summary illustrating the proportion of the MCO's scored individuals identified in the CDPS-Rx demographic, diagnostic, pharmacy, and child interaction categories. A separate Appendix C has been provided for each MCO that contains the MCO-specific prevalence as well as the composite prevalence for all MCOs.

METHODOLOGY

Medical capitation payments for the IA Health Link populations are made in 55 different rate cells (including maternity case rates). Because the IA Health Link rate structure does not rely on a single composite capitation rate, the rate cell structure inherently adjusts payments to the MCOs for the medical risk differences of beneficiaries in different rate cells. However, the rate cell structure does not reflect morbidity or acuity risk variances within a rate cell.

In order to account for this additional variation in population risk between MCOs in selected rate cells, we used CDPS-Rx (with modifications for the dual eligible population) to evaluate the morbidity differences between the beneficiaries covered by each MCO on a rate cell level. Risk scores were normalized at the rate cell level and composited to a risk adjustment group level. The resulting final risk scores were applied to base certified capitation rates to create the final risk-adjusted capitation rates by MCO.

The remainder of the methodology section describes the above process in greater detail using the steps outlined in the figure below.



STEP 1: DATA COLLECTION

Figure 3 summarizes the data collection process for IA Health Link medical capitation rate risk adjustment for the SFY 2018 application period.

Figure 3 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Data Collection Parameters	
Parameter	SFY 2018 Application Period
Data sources	Managed care encounter and fee-for-service claims, Medicaid eligibility
Service dates	October 1, 2015 through September 30, 2016
Data paid dates	Fee-for-service claims data paid through June 30, 2017 and encounter data submitted through May 26, 2017
Beneficiary MCO assignment	Enrollment as of May 1, 2017 for all populations except hawk-i, which utilized enrollment as of March 1, 2017
Minimum Medicaid eligibility months	Six months (full benefit eligibility categories)
Beneficiary age calculation	Age as of April 1, 2016
Diagnosis fields used	Excluded Pregnancy Diagnostic Categories
Diagnosis codes excluded	Lab and radiology claims

Data sources: Diagnostic and pharmacy data was collected from fee-for-service claim and encounter records provided by DHS. October 2015 through December 2015 encounter records included encounters from the voluntary HMO program and the Iowa Plan. April 2016 through September 2016 encounter records included encounters from the IA Health Link program. Monthly member-level Medicaid eligibility data was also provided by DHS.

The following rate cells are excluded from medical risk adjustment: children 0-364 days, pregnant women, and maternity case rates.

Service dates: The risk adjustment process incorporated diagnostic and national drug code (NDC) data with service dates from October 1, 2015 through September 30, 2016.

Data paid dates: Diagnostic and NDC data with a permissible service date were limited to fee-for-service claims that were paid as of June 30, 2017 and managed care encounters that were submitted as of May 26, 2017.

Beneficiary MCO assignment: All beneficiaries except for the hawk-i population were assigned to a MCO based on actual enrollment as of May 1, 2017. Beneficiaries in the hawk-i program were assigned based on enrollment as of March 1, 2017.

Minimum Medicaid eligibility months: In order to be included in the risk adjustment model (i.e., a scored member), beneficiaries were required to have at least six months of full benefit Medicaid eligibility during the October 1, 2015 through September 30, 2016 service period. To meet this requirement, the sum of fee-for-service and managed care eligibility months must be six or greater during the service period. Eligibility months were not required to be continuous.

Member months associated with individuals enrolled in the Iowa Marketplace Choice Plan, Health Insurance Premium Payment (HIPPP) program, and the Program of All Inclusive Care for the Elderly (PACE) program were excluded from the base period because claims data was not available for these programs. Additionally, member months associated with partial dual eligibility were excluded since full benefit claims experience is not available for these individuals.

Beneficiary age calculation: The beneficiary's age for the purposes of demographic assignment was calculated as of April 1, 2016, the midpoint of the service date period.

Diagnosis fields used: Disease weights for the pregnancy diagnostic category were excluded due to the inclusion of maternity case rate payments in the IA Health Link program.

Diagnosis codes excluded: Diagnosis codes from claims that included a lab and radiology procedure or revenue code on any line, with the exception of those associated with an inpatient claim, were not collected for the purposes of the risk adjustment analysis. These diagnosis codes could be for testing purposes and may not definitively indicate a beneficiary's disease condition. Diagnoses were excluded from the entire claim, as opposed to at the line level of a claim.

STEP 2: APPLICATION OF CDPS-RX MODEL

The risk scores were developed using the CDPS-Rx risk adjustment model, Version 6.2. We utilized the unadjusted prospective disease weights with no carve outs in the risk adjustment model for the non-dual eligible populations. Standard CDPS-Rx prospective disease weights were recalibrated utilizing Iowa-specific experience for the dual eligible populations. Figure 4 illustrates the standard CDPS weights used for each population and the constraint on the recalibrated weights, if applicable.

Figure 4 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Risk Adjustment Models		
Population	CDPS Weights Utilized	Recalibrated Weights Constraint
Children	TANF Children	N/A
TANF Adults	TANF Adults	N/A
Disabled	Disabled	N/A
Community Duals	Disabled	50%
LTSS Non-Duals	Disabled	N/A
LTSS Duals	Disabled	50%

For dual populations, a penalized regression model utilized which recalibrated the prospective disease weights for each diagnostic category using Iowa-specific claims experience. The penalized regression model utilized the standard CDPS-Rx weights as the initial offset. The recalibrated weights were constrained to be within 50% of the standard weight for community dual and LTSS dual populations. The recalibrated CDPS-Rx weights were developed using calendar year 2014 diagnostic and pharmaceutical category data and 2015 medical cost data (excluding hemophilia factor VII, VIII, and IX products and habilitation services).

The LTSS non-dual and LTSS dual risk scores were blended for LTSS rate cells using the relative medical morbidity of the LTSS population between non-dual and dual members. The relative medical morbidity between non-dual and dual members was applied as a multiplier to the dual members' risk scores to adjust for medical cost differences between these populations that are not accounted for within the independent non-dual and dual LTSS population risk adjustment models. This adjustment was performed for rate cells with a significant amount of both dual and non-dual members. The relative medical morbidity factor utilized for each rate cell is illustrated in Figure 5.

Figure 5 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Dual and Non-Dual Cost Relativities	
Rate Cell	Cost Relativity Adjustment
Custodial Care Nursing Facility <65	0.2881
Hospice <65	0.3091
Non-Dual Skilled Nursing Facility	1.3421
Brain Injury Waiver	0.9053
ICF/MR	0.2309
State Resource Center	0.2907
Intellectual Disability HCBS Waiver	0.5131

Note: While the non-dual skilled nursing facility cost relativity adjustment factor is greater than 1.0, the average dual member risk score is still less than the average non-dual member risk score for this rate cell after application of the cost relativity adjustment.

The cost relativity adjustments in Figure 5 are for rate cells containing both dual and non-dual members. The adjustment factors were applied to the dual population risk scores within a given rate cell to target an estimated cost relativity between dual and non-dual members after the application of the risk adjustment factors. For all other rate cells, only the dual or non-dual risk adjustment models were utilized, depending on whether the rate cell is comprised of dual or non-dual members.

The total risk score for a member was calculated by adding the weights associated with the demographic, diagnostic, and pharmaceutical categories flagged by the model. Disease weights for the pregnancy diagnostic category were excluded due to the inclusion of maternity case rate payments.

STEP 3: SUMMARIZATION OF RISK ADJUSTMENT MODEL OUTPUT

After applying the risk adjustment model to the collected eligibility, diagnostic, and pharmacy data, the risk score information was summarized by MCO and rate cell. The following figure lists the key assumptions and methodologies in summarizing the risk adjustment model results.

Figure 6 State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment Application of Risk Adjustment Model Parameters	
Parameter	SFY 2018 Application Period
Risk score weighting	Each member enrolled May 1, 2017 received equal weighting, regardless of eligibility length in data collection period
Risk score for unscored member	Average risk score for the respective rate cell

The following tables in Appendix B illustrate the results of the risk adjustment model.

May 1, 2017 Member Months – The ‘May 1, 2017 Member Months’ table illustrates the total members enrolled as of May 1, 2017 by MCO and rate cell.

May 1, 2017 Scored Member Months – The ‘May 1, 2017 Scored Member Months’ table is a subset of the ‘May 1, 2017 Member Months’ table. The scored enrollees include beneficiaries with a minimum of six months of Iowa full benefit fee-for-service, voluntary HMO, or IA Health Link enrollment from October 1, 2015 to September 30, 2016. See “Step 1: Data Collection” for a discussion of eligibility groups excluded from inclusion of the six month criteria.

The number of unscored member months is the difference between the values illustrated in the ‘May 1, 2017 Membership’ and ‘May 1, 2017 Scored Members’ tables.

Unadjusted Risk Scores – The factors illustrated in the ‘Unadjusted Risk Scores’ table illustrate the average risk score by rate cell for each MCO and in total. Each member month received equal weighting, regardless of eligibility length in data collection period.

The unscored members were assigned the average SFY 2018 risk score for their respective rate cell. The “All MCOs” column in the ‘Unadjusted Risk Scores’ table illustrates the average SFY 2018 risk score.

STEP 4: RISK SCORE BLENDING AND NORMALIZATION

The following tables in Appendix B illustrate the methodology utilized to develop normalized risk scores by rate cell using the risk adjustment model output.

Scored / Unscored Blended Risk Scores – The values illustrated in the ‘Scored / Unscored Blended Risk Scores’ represent weighted average risk score of the scored and unscored members for each MCO and rate cell. The blended risk scores are developed by averaging the MCO-specific and “All MCOs” risk scores from the ‘Unadjusted Risk Scores’ table, weighted by the number of scored and unscored members for the specific MCO.

Normalized Risk Score – The ‘Normalized Risk Score’ table reflects the ‘Scored / Unscored Blended Risk Scores’ normalized to a budget neutral basis for each MCO by rate cell. For risk adjustment groups with more than one rate cell, the normalized risk scores were composited on an expenditure basis (total enrollees multiplied by the capitation rate). The SFY 2018 capitation rates were utilized for expenditure weighting purposes.

STEP 5: APPLICATION TO CERTIFIED BASE RATES

Appendix A1 through Appendix A3 illustrate the application of the risk score to the SFY 2018 gross and net base medical capitation rates for each MCO.

No adjustment was made to rate cells excluded from medical risk adjustment. The risk score was not applied to GME or UIHC supplemental payments. Also, the risk score was not applied to the habilitation risk pool payments. The risk score was assumed to apply proportionally to medical state plan and 1915(b)(3) services.

LIMITATIONS

The information contained in this report has been prepared for the State of Iowa, Department of Human Services, Division of Medical Assistance (DHS) to provide documentation of the development of the medical risk adjustment amendment to the certified SFY 2018 capitation rates for the IA Health Link program. The data and information presented may not be appropriate for any other purpose.

The information contained in this report, including the enclosures, has been prepared for DHS and their consultants and advisors. It is our understanding that the information contained in this report will be shared with the IA Health Link MCOs. Any distribution of the information should be in its entirety. Any user of the data must possess a certain level of expertise in actuarial science and healthcare modeling so as not to misinterpret the information presented.

Milliman makes no representations or warranties regarding the contents of this report to third parties. Likewise, third parties are instructed that they are to place no reliance upon this report prepared for DHS by Milliman that would result in the creation of any duty or liability under any theory of law by Milliman or its employees to third parties. Other parties receiving this report must rely upon their own experts in drawing conclusions about the capitation rates, assumptions, and trends.

Milliman has relied upon certain data and information provided by DHS in the development of the medical risk adjustment amendment to the certified SFY 2018 capitation rates for the IA Health Link program. Milliman has relied upon DHS for the accuracy of the data and accepted it without audit. To the extent that the data provided is not accurate, the medical risk adjustment development would need to be modified to reflect revised information.

It should be emphasized that capitation rates and risk adjustment factors are a projection of future costs based on a set of assumptions. Results will differ to the extent actual experience is different from the assumptions contained in this report.

The services provided for this project were performed under the contract between Milliman and State of Iowa dated June 14, 2017.

Guidelines issued by the American Academy of Actuaries require actuaries to include their professional qualifications in all actuarial communications. The authors of this report are members of the American Academy of Actuaries and meet the qualification standards for performing the analyses contained herein.

APPENDIX A1: AMERIGROUP MEDICAL RISK ADJUSTED SFY 2018 CAPITATION RATES

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates Amerigroup											
Medical Gross Capitation											
Capitation Rate Cell	Gross Base Medical Capitation	Habilitation Services Risk Pool	Gross Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Gross Base Risk Adjusted Medical Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Gross Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,894.04	\$ 0.00	\$ 0.00
Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	5.28	8.69	223.99	-	-
Children 1-4 M&F	127.97	-	127.97	1.0022	128.25	-	5.28	3.59	137.12	-	-
Children 5-14 M&F	141.72	(0.04)	141.68	1.0022	141.99	(0.43)	5.28	2.37	149.21	0.43	0.04
Children 15-20 F	229.96	(2.55)	227.41	1.0022	227.91	(3.00)	5.28	3.77	233.96	3.00	2.55
Children 15-20 M	203.44	(2.81)	200.63	1.0022	201.07	(4.08)	5.28	2.84	205.11	4.08	2.81
Non-Expansion Adults 21-34 F	336.66	(0.45)	336.21	1.0017	336.78	(8.76)	5.28	8.29	341.59	8.76	0.45
Non-Expansion Adults 21-34 M	218.14	(0.27)	217.87	1.0017	218.24	(1.75)	5.28	5.08	226.85	1.75	0.27
Non-Expansion Adults 35-49 F	517.44	(0.53)	516.91	1.0017	517.79	(5.18)	5.28	9.53	527.42	5.18	0.53
Non-Expansion Adults 35-49 M	386.49	(0.27)	386.22	1.0017	386.88	(1.55)	5.28	11.52	402.13	1.55	0.27
Non-Expansion Adults 50+ M&F	635.65	(0.38)	635.27	1.0017	636.35	(1.91)	5.28	13.13	652.85	1.91	0.38
Pregnant Women	351.63	(0.22)	351.41	1.0000	351.41	(5.63)	5.28	19.12	370.18	5.63	0.22
CHIP - Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,838.52	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	-	-	210.02	-	-
CHIP - Children 1-4 M&F	127.97	-	127.97	1.0022	128.25	-	-	-	128.25	-	-
CHIP - Children 5-14 M&F	141.72	(0.04)	141.68	1.0022	141.99	(0.43)	-	-	141.56	0.43	0.04
CHIP - Children 15-20 F	229.96	(2.55)	227.41	1.0022	227.91	(3.00)	-	-	224.91	3.00	2.55
CHIP - Children 15-20 M	203.44	(2.81)	200.63	1.0022	201.07	(4.08)	-	-	196.99	4.08	2.81
CHIP - Hawk-i	131.99	-	131.99	1.0022	132.28	-	-	-	132.28	-	-
TANF Maternity Case Rate	\$ 6,258.82	\$ 0.00	\$ 6,258.82	1.0000	\$ 6,258.82	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,258.82	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,707.37	-	5,707.37	1.0000	5,707.37	-	-	-	5,707.37	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 595.78	\$ (41.41)	\$ 554.37	1.0012	\$ 555.04	\$ (24.46)	\$ 0.00	\$ 7.40	\$ 537.98	\$ 24.46	\$ 41.41
Wellness Plan 19-24 M (Medically Exempt)	544.29	(50.76)	493.53	1.0012	494.12	(8.17)	-	4.67	490.62	8.17	50.76
Wellness Plan 25-34 F (Medically Exempt)	776.16	(12.33)	763.83	1.0012	764.75	(44.29)	-	11.55	732.01	44.29	12.33
Wellness Plan 25-34 M (Medically Exempt)	725.80	(28.13)	697.67	1.0012	698.51	(18.89)	-	8.75	688.37	18.89	28.13
Wellness Plan 35-49 F (Medically Exempt)	1,086.65	(12.78)	1,073.87	1.0012	1,075.16	(23.94)	-	18.62	1,069.84	23.94	12.78
Wellness Plan 35-49 M (Medically Exempt)	1,054.35	(24.31)	1,030.04	1.0012	1,031.28	(15.84)	-	19.19	1,034.63	15.84	24.31
Wellness Plan 50+ M&F (Medically Exempt)	1,329.04	(22.20)	1,306.84	1.0012	1,308.41	(2.66)	-	27.52	1,333.27	2.66	22.20
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 204.96	\$ 0.00	\$ 204.96	1.0012	\$ 205.21	\$ 0.00	\$ 0.00	\$ 3.89	\$ 209.10	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	155.52	-	155.52	1.0012	155.71	-	-	3.84	159.55	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	266.04	-	266.04	1.0012	266.36	-	-	5.99	272.35	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	232.34	-	232.34	1.0012	232.62	-	-	6.02	238.64	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	453.27	-	453.27	1.0012	453.81	-	-	9.99	463.80	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	406.02	-	406.02	1.0012	406.51	-	-	9.85	416.36	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	665.26	-	665.26	1.0012	666.06	-	-	16.72	682.78	-	-
ABD Non-Dual <21 M&F	\$ 774.81	\$ (46.31)	\$ 728.50	0.9940	\$ 724.13	\$ (3.08)	\$ 5.28	\$ 27.40	\$ 753.73	\$ 3.08	\$ 46.31
ABD Non-Dual 21+ M&F	1,332.01	(122.49)	1,209.52	1.0144	1,226.94	(10.81)	5.28	26.11	1,247.52	10.81	122.49
Breast and Cervical Cancer	1,827.28	-	1,827.28	1.0144	1,853.59	(1.86)	-	34.06	1,885.79	1.86	-
Residential Care Facility	2,716.79	(1,430.05)	1,286.74	1.0144	1,305.27	(46.86)	5.28	5.06	1,268.75	46.86	1,430.05
Dual Eligible 0-64 M&F	\$ 475.59	\$ (176.02)	\$ 299.57	1.0015	\$ 300.02	\$ (15.71)	\$ 0.00	\$ 0.00	\$ 284.31	\$ 15.71	\$ 176.02
Dual Eligible 65+ M&F	216.80	(46.79)	170.01	1.0015	170.27	(1.08)	-	-	169.19	1.08	46.79
Custodial Care Nursing Facility 65+	\$ 127.56	\$ 0.00	\$ 127.56	0.9843	\$ 125.56	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 125.43	\$ 0.13	\$ 0.00
Hospice 65+	127.56	-	127.56	0.9843	125.56	(0.13)	-	-	125.43	0.13	-
Elderly HCBS Waiver	239.66	-	239.66	0.9843	235.90	(1.42)	-	-	234.48	1.42	-
Custodial Care Nursing Facility <65	\$ 803.78	\$ 0.00	\$ 803.78	1.0493	\$ 843.41	\$ (2.53)	\$ 5.28	\$ 14.42	\$ 860.58	\$ 2.53	\$ 0.00
Hospice <65	803.78	-	803.78	1.0493	843.41	(2.53)	5.28	14.42	860.58	2.53	-
Non-Dual Skilled Nursing Facility	2,288.14	-	2,288.14	1.0493	2,400.95	-	5.28	30.71	2,436.94	-	-
Dual HCBS Waivers: PD; H&D	321.50	-	321.50	1.0493	337.35	(5.39)	-	0.01	331.97	5.39	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,356.83	-	1,356.83	1.0493	1,423.72	(1.43)	5.28	37.01	1,464.58	1.43	-
Brain Injury HCBS Waiver	719.99	-	719.99	1.0493	755.49	(6.04)	5.28	14.62	769.35	6.04	-
ICF/MR	\$ 473.04	\$ 0.00	\$ 473.04	1.0500	\$ 496.69	\$ 0.00	\$ 5.28	\$ 3.81	\$ 505.78	\$ 0.00	\$ 0.00
State Resource Center	147.55	-	147.55	1.0500	154.93	-	5.28	0.12	160.33	-	-
Intellectual Disability HCBS Waiver	357.89	-	357.89	1.0500	375.78	(4.14)	5.28	7.01	383.93	4.14	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 814.70	\$ 0.00	\$ 814.70	1.0483	\$ 854.05	\$ (31.60)	\$ 5.28	\$ 3.15	\$ 830.88	\$ 31.60	\$ 0.00
Children's Mental Health HCBS Waiver	732.86	-	732.86	1.0483	768.26	(3.84)	5.28	6.00	775.70	3.84	-

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates Amerigroup											
Medical Net Capitation											
Capitation Rate Cell	Net Base Medical Capitation	Habilitation Services Risk Pool	Net Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Net Base Risk Adjusted Medical Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Net Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,848.08	\$ 0.00	\$ 0.00
Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	5.28	8.69	218.74	-	-
Children 1-4 M&F	124.77	-	124.77	1.0022	125.04	-	5.28	3.59	133.91	-	-
Children 5-14 M&F	138.18	(0.04)	138.14	1.0022	138.44	(0.42)	5.28	2.37	145.67	0.42	0.04
Children 15-20 F	224.21	(2.49)	221.72	1.0022	222.21	(2.93)	5.28	3.77	228.33	2.93	2.49
Children 15-20 M	198.35	(2.74)	195.61	1.0022	196.04	(3.98)	5.28	2.84	200.18	3.98	2.74
Non-Expansion Adults 21-34 F	328.24	(0.44)	327.80	1.0017	328.36	(8.54)	5.28	8.29	333.39	8.54	0.44
Non-Expansion Adults 21-34 M	212.69	(0.27)	212.42	1.0017	212.78	(1.71)	5.28	5.08	221.43	1.71	0.27
Non-Expansion Adults 35-49 F	504.50	(0.51)	503.99	1.0017	504.85	(5.05)	5.28	9.53	514.61	5.05	0.51
Non-Expansion Adults 35-49 M	376.83	(0.27)	376.56	1.0017	377.20	(1.51)	5.28	11.52	392.49	1.51	0.27
Non-Expansion Adults 50+ M&F	619.76	(0.37)	619.39	1.0017	620.44	(1.86)	5.28	13.13	636.99	1.86	0.37
Pregnant Women	342.84	(0.22)	342.62	1.0000	342.62	(5.49)	5.28	19.12	361.53	5.49	0.22
CHIP - Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,792.56	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	-	-	204.77	-	-
CHIP - Children 1-4 M&F	124.77	-	124.77	1.0022	125.04	-	-	-	125.04	-	-
CHIP - Children 5-14 M&F	138.18	(0.04)	138.14	1.0022	138.44	(0.42)	-	-	138.02	0.42	0.04
CHIP - Children 15-20 F	224.21	(2.49)	221.72	1.0022	222.21	(2.93)	-	-	219.28	2.93	2.49
CHIP - Children 15-20 M	198.35	(2.74)	195.61	1.0022	196.04	(3.98)	-	-	192.06	3.98	2.74
CHIP - Hawk-i	128.69	-	128.69	1.0022	128.97	-	-	-	128.97	-	-
TANF Maternity Case Rate	\$ 6,102.35	\$ 0.00	\$ 6,102.35	1.0000	\$ 6,102.35	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,102.35	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,564.69	-	5,564.69	1.0000	5,564.69	-	-	-	5,564.69	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 580.89	\$ (40.38)	\$ 540.51	1.0012	\$ 541.16	\$ (23.85)	\$ 0.00	\$ 7.40	\$ 524.71	\$ 23.85	\$ 40.38
Wellness Plan 19-24 M (Medically Exempt)	530.68	(49.49)	481.19	1.0012	481.77	(7.97)	-	4.67	478.47	7.97	49.49
Wellness Plan 25-34 F (Medically Exempt)	756.76	(12.03)	744.73	1.0012	745.62	(43.18)	-	11.55	713.99	43.18	12.03
Wellness Plan 25-34 M (Medically Exempt)	707.65	(27.42)	680.23	1.0012	681.05	(18.42)	-	8.75	671.38	18.42	27.42
Wellness Plan 35-49 F (Medically Exempt)	1,059.48	(12.46)	1,047.02	1.0012	1,048.28	(23.34)	-	18.62	1,043.56	23.34	12.46
Wellness Plan 35-49 M (Medically Exempt)	1,027.99	(23.70)	1,004.29	1.0012	1,005.50	(15.44)	-	19.19	1,009.25	15.44	23.70
Wellness Plan 50+ M&F (Medically Exempt)	1,295.81	(21.64)	1,274.17	1.0012	1,275.70	(2.59)	-	27.52	1,300.63	2.59	21.64
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 199.84	\$ 0.00	\$ 199.84	1.0012	\$ 200.08	\$ 0.00	\$ 0.00	\$ 3.89	\$ 203.97	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	151.63	-	151.63	1.0012	151.81	-	-	3.84	155.65	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	259.39	-	259.39	1.0012	259.70	-	-	5.99	265.69	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	226.53	-	226.53	1.0012	226.80	-	-	6.02	232.82	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	441.94	-	441.94	1.0012	442.47	-	-	9.99	452.46	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	395.87	-	395.87	1.0012	396.35	-	-	9.85	406.20	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	648.63	-	648.63	1.0012	649.41	-	-	16.72	666.13	-	-
ABD Non-Dual <21 M&F	\$ 755.44	\$ (45.15)	\$ 710.29	0.9940	\$ 706.03	\$ (3.00)	\$ 5.28	\$ 27.40	\$ 735.71	\$ 3.00	\$ 45.15
ABD Non-Dual 21+ M&F	1,298.71	(119.43)	1,179.28	1.0144	1,196.26	(10.54)	5.28	26.11	1,217.11	10.54	119.43
Breast and Cervical Cancer	1,781.60	-	1,781.60	1.0144	1,807.26	(1.81)	-	34.06	1,839.51	1.81	-
Residential Care Facility	2,648.87	(1,394.30)	1,254.57	1.0144	1,272.64	(45.69)	5.28	5.06	1,237.29	45.69	1,394.30
Dual Eligible 0-64 M&F	\$ 463.70	\$ (171.62)	\$ 292.08	1.0015	\$ 292.52	\$ (15.32)	\$ 0.00	\$ 0.00	\$ 277.20	\$ 15.32	\$ 171.62
Dual Eligible 65+ M&F	211.38	(45.62)	165.76	1.0015	166.01	(1.05)	-	-	164.96	1.05	45.62
Custodial Care Nursing Facility 65+	\$ 124.37	\$ 0.00	\$ 124.37	0.9843	\$ 122.42	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 122.29	\$ 0.13	\$ 0.00
Hospice 65+	124.37	-	124.37	0.9843	122.42	(0.13)	-	-	122.29	0.13	-
Elderly HCBS Waiver	233.67	-	233.67	0.9843	230.00	(1.38)	-	-	228.62	1.38	-
Custodial Care Nursing Facility <65	\$ 783.69	\$ 0.00	\$ 783.69	1.0493	\$ 822.33	\$ (2.47)	\$ 5.28	\$ 14.42	\$ 839.56	\$ 2.47	\$ 0.00
Hospice <65	783.69	-	783.69	1.0493	822.33	(2.47)	5.28	14.42	839.56	2.47	-
Non-Dual Skilled Nursing Facility	2,230.94	-	2,230.94	1.0493	2,340.93	-	5.28	30.71	2,376.92	-	-
Dual HCBS Waivers: PD; H&D	313.46	-	313.46	1.0493	328.91	(5.26)	-	0.01	323.66	5.26	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,322.91	-	1,322.91	1.0493	1,388.13	(1.40)	5.28	37.01	1,429.02	1.40	-
Brain Injury HCBS Waiver	701.99	-	701.99	1.0493	736.60	(5.90)	5.28	14.62	750.60	5.90	-
ICF/MR	\$ 461.21	\$ 0.00	\$ 461.21	1.0500	\$ 484.27	\$ 0.00	\$ 5.28	\$ 3.81	\$ 493.36	\$ 0.00	\$ 0.00
State Resource Center	143.86	-	143.86	1.0500	151.05	-	5.28	0.12	156.45	-	-
Intellectual Disability HCBS Waiver	348.94	-	348.94	1.0500	366.39	(4.03)	5.28	7.01	374.65	4.03	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 794.33	\$ 0.00	\$ 794.33	1.0483	\$ 832.70	\$ (30.81)	\$ 5.28	\$ 3.15	\$ 810.32	\$ 30.81	\$ 0.00
Children's Mental Health HCBS Waiver	714.54	-	714.54	1.0483	749.05	(3.74)	5.28	6.00	756.59	3.74	-

APPENDIX A2: AMERIHEALTH CARITAS MEDICAL RISK ADJUSTED

SFY 2018 CAPITATION RATES

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates AmeriHealth Caritas											
Medical Gross Capitation											
Capitation Rate Cell	Gross Base Medical Capitation	Habilitation Services Risk Pool	Gross Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Gross Base Risk Adjusted Medical Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Gross Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,894.04	\$ 0.00	\$ 0.00
Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	5.28	8.69	223.99	-	-
Children 1-4 M&F	127.97	-	127.97	1.0133	129.67	-	5.28	3.59	138.54	-	-
Children 5-14 M&F	141.72	(0.04)	141.68	1.0133	143.56	(0.44)	5.28	2.37	150.77	0.44	0.04
Children 15-20 F	229.96	(2.55)	227.41	1.0133	230.43	(3.03)	5.28	3.77	236.45	3.03	2.55
Children 15-20 M	203.44	(2.81)	200.63	1.0133	203.30	(4.12)	5.28	2.84	207.30	4.12	2.81
Non-Expansion Adults 21-34 F	336.66	(0.45)	336.21	1.0056	338.09	(8.80)	5.28	8.29	342.86	8.80	0.45
Non-Expansion Adults 21-34 M	218.14	(0.27)	217.87	1.0056	219.09	(1.76)	5.28	5.08	227.69	1.76	0.27
Non-Expansion Adults 35-49 F	517.44	(0.53)	516.91	1.0056	519.80	(5.20)	5.28	9.53	529.41	5.20	0.53
Non-Expansion Adults 35-49 M	386.49	(0.27)	386.22	1.0056	388.38	(1.56)	5.28	11.52	403.62	1.56	0.27
Non-Expansion Adults 50+ M&F	635.65	(0.38)	635.27	1.0056	638.83	(1.92)	5.28	13.13	655.32	1.92	0.38
Pregnant Women	351.63	(0.22)	351.41	1.0000	351.41	(5.63)	5.28	19.12	370.18	5.63	0.22
CHIP - Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,838.52	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	-	-	210.02	-	-
CHIP - Children 1-4 M&F	127.97	-	127.97	1.0133	129.67	-	-	-	129.67	-	-
CHIP - Children 5-14 M&F	141.72	(0.04)	141.68	1.0133	143.56	(0.44)	-	-	143.12	0.44	0.04
CHIP - Children 15-20 F	229.96	(2.55)	227.41	1.0133	230.43	(3.03)	-	-	227.40	3.03	2.55
CHIP - Children 15-20 M	203.44	(2.81)	200.63	1.0133	203.30	(4.12)	-	-	199.18	4.12	2.81
CHIP - Hawk-i	131.99	-	131.99	1.0133	133.75	-	-	-	133.75	-	-
TANF Maternity Case Rate	\$ 6,258.82	\$ 0.00	\$ 6,258.82	1.0000	\$ 6,258.82	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,258.82	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,707.37	-	5,707.37	1.0000	5,707.37	-	-	-	5,707.37	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 595.78	\$ (41.41)	\$ 554.37	1.0108	\$ 560.36	\$ (24.69)	\$ 0.00	\$ 7.40	\$ 543.07	\$ 24.69	\$ 41.41
Wellness Plan 19-24 M (Medically Exempt)	544.29	(50.76)	493.53	1.0108	498.86	(8.25)	-	4.67	495.28	8.25	50.76
Wellness Plan 25-34 F (Medically Exempt)	776.16	(12.33)	763.83	1.0108	772.08	(44.72)	-	11.55	738.91	44.72	12.33
Wellness Plan 25-34 M (Medically Exempt)	725.80	(28.13)	697.67	1.0108	705.20	(19.07)	-	8.75	694.88	19.07	28.13
Wellness Plan 35-49 F (Medically Exempt)	1,086.65	(12.78)	1,073.87	1.0108	1,085.47	(24.17)	-	18.62	1,079.92	24.17	12.78
Wellness Plan 35-49 M (Medically Exempt)	1,054.35	(24.31)	1,030.04	1.0108	1,041.16	(15.99)	-	19.19	1,044.36	15.99	24.31
Wellness Plan 50+ M&F (Medically Exempt)	1,329.04	(22.20)	1,306.84	1.0108	1,320.95	(2.69)	-	27.52	1,345.78	2.69	22.20
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 204.96	\$ 0.00	\$ 204.96	1.0108	\$ 207.17	\$ 0.00	\$ 0.00	\$ 3.89	\$ 211.06	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	155.52	-	155.52	1.0108	157.20	-	-	3.84	161.04	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	266.04	-	266.04	1.0108	268.91	-	-	5.99	274.90	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	232.34	-	232.34	1.0108	234.85	-	-	6.02	240.87	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	453.27	-	453.27	1.0108	458.17	-	-	9.99	468.16	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	406.02	-	406.02	1.0108	410.41	-	-	9.85	420.26	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	665.26	-	665.26	1.0108	672.44	-	-	16.72	689.16	-	-
ABD Non-Dual <21 M&F	\$ 774.81	\$ (46.31)	\$ 728.50	1.0393	\$ 757.13	\$ (3.22)	\$ 5.28	\$ 27.40	\$ 786.59	\$ 3.22	\$ 46.31
ABD Non-Dual 21+ M&F	1,332.01	(122.49)	1,209.52	0.9958	1,204.44	(10.62)	5.28	26.11	1,225.21	10.62	122.49
Breast and Cervical Cancer	1,827.28	-	1,827.28	0.9958	1,819.61	(1.82)	-	34.06	1,851.85	1.82	-
Residential Care Facility	2,716.79	(1,430.05)	1,286.74	0.9958	1,281.34	(46.00)	5.28	5.06	1,245.68	46.00	1,430.05
Dual Eligible 0-64 M&F	\$ 475.59	\$ (176.02)	\$ 299.57	1.0152	\$ 304.12	\$ (15.93)	\$ 0.00	\$ 0.00	\$ 288.19	\$ 15.93	\$ 176.02
Dual Eligible 65+ M&F	216.80	(46.79)	170.01	1.0152	172.59	(1.10)	-	-	171.49	1.10	46.79
Custodial Care Nursing Facility 65+	\$ 127.56	\$ 0.00	\$ 127.56	0.9992	\$ 127.46	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 127.33	\$ 0.13	\$ 0.00
Hospice 65+	127.56	-	127.56	0.9992	127.46	(0.13)	-	-	127.33	0.13	-
Elderly HCBS Waiver	239.66	-	239.66	0.9992	239.47	(1.44)	-	-	238.03	1.44	-
Custodial Care Nursing Facility <65	\$ 803.78	\$ 0.00	\$ 803.78	0.9600	\$ 771.63	\$ (2.31)	\$ 5.28	\$ 14.42	\$ 789.02	\$ 2.31	\$ 0.00
Hospice <65	803.78	-	803.78	0.9600	771.63	(2.31)	5.28	14.42	789.02	2.31	-
Non-Dual Skilled Nursing Facility	2,288.14	-	2,288.14	0.9600	2,196.61	-	5.28	30.71	2,232.60	-	-
Dual HCBS Waivers: PD; H&D	321.50	-	321.50	0.9600	308.64	(4.93)	-	0.01	303.72	4.93	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,356.83	-	1,356.83	0.9600	1,302.56	(1.31)	5.28	37.01	1,343.54	1.31	-
Brain Injury HCBS Waiver	719.99	-	719.99	0.9600	691.19	(5.53)	5.28	14.62	705.56	5.53	-
ICF/MR	\$ 473.04	\$ 0.00	\$ 473.04	0.9827	\$ 464.86	\$ 0.00	\$ 5.28	\$ 3.81	\$ 473.95	\$ 0.00	\$ 0.00
State Resource Center	147.55	-	147.55	0.9827	145.00	-	5.28	0.12	150.40	-	-
Intellectual Disability HCBS Waiver	357.89	-	357.89	0.9827	351.70	(3.87)	5.28	7.01	360.12	3.87	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 814.70	\$ 0.00	\$ 814.70	1.0103	\$ 823.09	\$ (30.45)	\$ 5.28	\$ 3.15	\$ 801.07	\$ 30.45	\$ 0.00
Children's Mental Health HCBS Waiver	732.86	-	732.86	1.0103	740.41	(3.70)	5.28	6.00	747.99	3.70	-

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates AmeriHealth Caritas											
Medical Net Capitation											
Capitation Rate Cell	Net Base Medical Capitation	Habilitation Services Risk Pool	Net Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Net Base Risk Adjusted Medical Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Net Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,848.08	\$ 0.00	\$ 0.00
Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	5.28	8.69	218.74	-	-
Children 1-4 M&F	124.77	-	124.77	1.0133	126.43	-	5.28	3.59	135.30	-	-
Children 5-14 M&F	138.18	(0.04)	138.14	1.0133	139.98	(0.43)	5.28	2.37	147.20	0.43	0.04
Children 15-20 F	224.21	(2.49)	221.72	1.0133	224.67	(2.96)	5.28	3.77	230.76	2.96	2.49
Children 15-20 M	198.35	(2.74)	195.61	1.0133	198.21	(4.02)	5.28	2.84	202.31	4.02	2.74
Non-Expansion Adults 21-34 F	328.24	(0.44)	327.80	1.0056	329.64	(8.58)	5.28	8.29	334.63	8.58	0.44
Non-Expansion Adults 21-34 M	212.69	(0.27)	212.42	1.0056	213.61	(1.72)	5.28	5.08	222.25	1.72	0.27
Non-Expansion Adults 35-49 F	504.50	(0.51)	503.99	1.0056	506.81	(5.07)	5.28	9.53	516.55	5.07	0.51
Non-Expansion Adults 35-49 M	376.83	(0.27)	376.56	1.0056	378.67	(1.52)	5.28	11.52	393.95	1.52	0.27
Non-Expansion Adults 50+ M&F	619.76	(0.37)	619.39	1.0056	622.86	(1.87)	5.28	13.13	639.40	1.87	0.37
Pregnant Women	342.84	(0.22)	342.62	1.0000	342.62	(5.49)	5.28	19.12	361.53	5.49	0.22
CHIP - Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,792.56	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	-	-	204.77	-	-
CHIP - Children 1-4 M&F	124.77	-	124.77	1.0133	126.43	-	-	-	126.43	-	-
CHIP - Children 5-14 M&F	138.18	(0.04)	138.14	1.0133	139.98	(0.43)	-	-	139.55	0.43	0.04
CHIP - Children 15-20 F	224.21	(2.49)	221.72	1.0133	224.67	(2.96)	-	-	221.71	2.96	2.49
CHIP - Children 15-20 M	198.35	(2.74)	195.61	1.0133	198.21	(4.02)	-	-	194.19	4.02	2.74
CHIP - Hawk-i	128.69	-	128.69	1.0133	130.40	-	-	-	130.40	-	-
TANF Maternity Case Rate	\$ 6,102.35	\$ 0.00	\$ 6,102.35	1.0000	\$ 6,102.35	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,102.35	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,564.69	-	5,564.69	1.0000	5,564.69	-	-	-	5,564.69	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 580.89	\$ (40.38)	\$ 540.51	1.0108	\$ 546.35	\$ (24.08)	\$ 0.00	\$ 7.40	\$ 529.67	\$ 24.08	\$ 40.38
Wellness Plan 19-24 M (Medically Exempt)	530.68	(49.49)	481.19	1.0108	486.39	(8.05)	-	4.67	483.01	8.05	49.49
Wellness Plan 25-34 F (Medically Exempt)	756.76	(12.03)	744.73	1.0108	752.77	(43.60)	-	11.55	720.72	43.60	12.03
Wellness Plan 25-34 M (Medically Exempt)	707.65	(27.42)	680.23	1.0108	687.58	(18.60)	-	8.75	677.73	18.60	27.42
Wellness Plan 35-49 F (Medically Exempt)	1,059.48	(12.46)	1,047.02	1.0108	1,058.33	(23.56)	-	18.62	1,053.39	23.56	12.46
Wellness Plan 35-49 M (Medically Exempt)	1,027.99	(23.70)	1,004.29	1.0108	1,015.14	(15.59)	-	19.19	1,018.74	15.59	23.70
Wellness Plan 50+ M&F (Medically Exempt)	1,295.81	(21.64)	1,274.17	1.0108	1,287.93	(2.62)	-	27.52	1,312.83	2.62	21.64
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 199.84	\$ 0.00	\$ 199.84	1.0108	\$ 202.00	\$ 0.00	\$ 0.00	\$ 3.89	\$ 205.89	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	151.63	-	151.63	1.0108	153.27	-	-	3.84	157.11	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	259.39	-	259.39	1.0108	262.19	-	-	5.99	268.18	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	226.53	-	226.53	1.0108	228.98	-	-	6.02	235.00	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	441.94	-	441.94	1.0108	446.71	-	-	9.99	456.70	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	395.87	-	395.87	1.0108	400.15	-	-	9.85	410.00	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	648.63	-	648.63	1.0108	655.64	-	-	16.72	672.36	-	-
ABD Non-Dual <21 M&F	\$ 755.44	\$ (45.15)	\$ 710.29	1.0393	\$ 738.20	\$ (3.14)	\$ 5.28	\$ 27.40	\$ 767.74	\$ 3.14	\$ 45.15
ABD Non-Dual 21+ M&F	1,298.71	(119.43)	1,179.28	0.9958	1,174.33	(10.35)	5.28	26.11	1,195.37	10.35	119.43
Breast and Cervical Cancer	1,781.60	-	1,781.60	0.9958	1,774.12	(1.77)	-	34.06	1,806.41	1.77	-
Residential Care Facility	2,648.87	(1,394.30)	1,254.57	0.9958	1,249.30	(44.85)	5.28	5.06	1,214.79	44.85	1,394.30
Dual Eligible 0-64 M&F	\$ 463.70	\$ (171.62)	\$ 292.08	1.0152	\$ 296.52	\$ (15.53)	\$ 0.00	\$ 0.00	\$ 280.99	\$ 15.53	\$ 171.62
Dual Eligible 65+ M&F	211.38	(45.62)	165.76	1.0152	168.28	(1.07)	-	-	167.21	1.07	45.62
Custodial Care Nursing Facility 65+	\$ 124.37	\$ 0.00	\$ 124.37	0.9992	\$ 124.27	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 124.14	\$ 0.13	\$ 0.00
Hospice 65+	124.37	-	124.37	0.9992	124.27	(0.13)	-	-	124.14	0.13	-
Elderly HCBS Waiver	233.67	-	233.67	0.9992	233.48	(1.40)	-	-	232.08	1.40	-
Custodial Care Nursing Facility <65	\$ 783.69	\$ 0.00	\$ 783.69	0.9600	\$ 752.34	\$ (2.26)	\$ 5.28	\$ 14.42	\$ 769.78	\$ 2.26	\$ 0.00
Hospice <65	783.69	-	783.69	0.9600	752.34	(2.26)	5.28	14.42	769.78	2.26	-
Non-Dual Skilled Nursing Facility	2,230.94	-	2,230.94	0.9600	2,141.70	-	5.28	30.71	2,177.69	-	-
Dual HCBS Waivers: PD; H&D	313.46	-	313.46	0.9600	300.92	(4.81)	-	0.01	296.12	4.81	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,322.91	-	1,322.91	0.9600	1,269.99	(1.28)	5.28	37.01	1,311.00	1.28	-
Brain Injury HCBS Waiver	701.99	-	701.99	0.9600	673.91	(5.40)	5.28	14.62	688.41	5.40	-
ICF/MR	\$ 461.21	\$ 0.00	\$ 461.21	0.9827	\$ 453.23	\$ 0.00	\$ 5.28	\$ 3.81	\$ 462.32	\$ 0.00	\$ 0.00
State Resource Center	143.86	-	143.86	0.9827	141.37	-	5.28	0.12	146.77	-	-
Intellectual Disability HCBS Waiver	348.94	-	348.94	0.9827	342.90	(3.77)	5.28	7.01	351.42	3.77	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 794.33	\$ 0.00	\$ 794.33	1.0103	\$ 802.51	\$ (29.69)	\$ 5.28	\$ 3.15	\$ 781.25	\$ 29.69	\$ 0.00
Children's Mental Health HCBS Waiver	714.54	-	714.54	1.0103	721.90	(3.61)	5.28	6.00	729.57	3.61	-

APPENDIX A3: UNITED HEALTHCARE MEDICAL RISK ADJUSTED SFY 2018 CAPITATION RATES

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates United Healthcare											
Medical Gross Capitation											
Capitation Rate Cell	Gross Base Medical Capitation	Habilitation Services Risk Pool	Gross Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Gross Base Risk Adjusted Medical Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Gross Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,894.04	\$ 0.00	\$ 0.00
Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	5.28	8.69	223.99	-	-
Children 1-4 M&F	127.97	-	127.97	0.9840	125.92	-	5.28	3.59	134.79	-	-
Children 5-14 M&F	141.72	(0.04)	141.68	0.9840	139.41	(0.42)	5.28	2.37	146.64	0.42	0.04
Children 15-20 F	229.96	(2.55)	227.41	0.9840	223.77	(2.94)	5.28	3.77	229.88	2.94	2.55
Children 15-20 M	203.44	(2.81)	200.63	0.9840	197.42	(4.00)	5.28	2.84	201.54	4.00	2.81
Non-Expansion Adults 21-34 F	336.66	(0.45)	336.21	0.9912	333.25	(8.67)	5.28	8.29	338.15	8.67	0.45
Non-Expansion Adults 21-34 M	218.14	(0.27)	217.87	0.9912	215.95	(1.73)	5.28	5.08	224.58	1.73	0.27
Non-Expansion Adults 35-49 F	517.44	(0.53)	516.91	0.9912	512.36	(5.12)	5.28	9.53	522.05	5.12	0.53
Non-Expansion Adults 35-49 M	386.49	(0.27)	386.22	0.9912	382.82	(1.54)	5.28	11.52	398.08	1.54	0.27
Non-Expansion Adults 50+ M&F	635.65	(0.38)	635.27	0.9912	629.68	(1.89)	5.28	13.13	646.20	1.89	0.38
Pregnant Women	351.63	(0.22)	351.41	1.0000	351.41	(5.63)	5.28	19.12	370.18	5.63	0.22
CHIP - Children 0-59 days M&F	\$ 1,838.52	\$ 0.00	\$ 1,838.52	1.0000	\$ 1,838.52	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,838.52	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	210.02	-	210.02	1.0000	210.02	-	-	-	210.02	-	-
CHIP - Children 1-4 M&F	127.97	-	127.97	0.9840	125.92	-	-	-	125.92	-	-
CHIP - Children 5-14 M&F	141.72	(0.04)	141.68	0.9840	139.41	(0.42)	-	-	138.99	0.42	0.04
CHIP - Children 15-20 F	229.96	(2.55)	227.41	0.9840	223.77	(2.94)	-	-	220.83	2.94	2.55
CHIP - Children 15-20 M	203.44	(2.81)	200.63	0.9840	197.42	(4.00)	-	-	193.42	4.00	2.81
CHIP - Hawk-i	131.99	-	131.99	0.9840	129.88	-	-	-	129.88	-	-
TANF Maternity Case Rate	\$ 6,258.82	\$ 0.00	\$ 6,258.82	1.0000	\$ 6,258.82	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,258.82	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,707.37	-	5,707.37	1.0000	5,707.37	-	-	-	5,707.37	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 595.78	\$ (41.41)	\$ 554.37	0.9865	\$ 546.89	\$ (24.10)	\$ 0.00	\$ 7.40	\$ 530.19	\$ 24.10	\$ 41.41
Wellness Plan 19-24 M (Medically Exempt)	544.29	(50.76)	493.53	0.9865	486.87	(8.05)	-	4.67	483.49	8.05	50.76
Wellness Plan 25-34 F (Medically Exempt)	776.16	(12.33)	763.83	0.9865	753.52	(43.64)	-	11.55	721.43	43.64	12.33
Wellness Plan 25-34 M (Medically Exempt)	725.80	(28.13)	697.67	0.9865	688.25	(18.62)	-	8.75	678.38	18.62	28.13
Wellness Plan 35-49 F (Medically Exempt)	1,086.65	(12.78)	1,073.87	0.9865	1,059.37	(23.59)	-	18.62	1,054.40	23.59	12.78
Wellness Plan 35-49 M (Medically Exempt)	1,054.35	(24.31)	1,030.04	0.9865	1,016.13	(15.61)	-	19.19	1,019.71	15.61	24.31
Wellness Plan 50+ M&F (Medically Exempt)	1,329.04	(22.20)	1,306.84	0.9865	1,289.20	(2.62)	-	27.52	1,314.10	2.62	22.20
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 204.96	\$ 0.00	\$ 204.96	0.9865	\$ 202.19	\$ 0.00	\$ 0.00	\$ 3.89	\$ 206.08	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	155.52	-	155.52	0.9865	153.42	-	-	3.84	157.26	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	266.04	-	266.04	0.9865	262.45	-	-	5.99	268.44	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	232.34	-	232.34	0.9865	229.20	-	-	6.02	235.22	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	453.27	-	453.27	0.9865	447.15	-	-	9.99	457.14	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	406.02	-	406.02	0.9865	400.54	-	-	9.85	410.39	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	665.26	-	665.26	0.9865	656.28	-	-	16.72	673.00	-	-
ABD Non-Dual <21 M&F	\$ 774.81	\$ (46.31)	\$ 728.50	0.9557	\$ 696.23	\$ (2.96)	\$ 5.28	\$ 27.40	\$ 725.95	\$ 2.96	\$ 46.31
ABD Non-Dual 21+ M&F	1,332.01	(122.49)	1,209.52	0.9884	1,195.49	(10.54)	5.28	26.11	1,216.34	10.54	122.49
Breast and Cervical Cancer	1,827.28	-	1,827.28	0.9884	1,806.08	(1.81)	-	34.06	1,838.33	1.81	-
Residential Care Facility	2,716.79	(1,430.05)	1,286.74	0.9884	1,271.81	(45.65)	5.28	5.06	1,236.50	45.65	1,430.05
Dual Eligible 0-64 M&F	\$ 475.59	\$ (176.02)	\$ 299.57	0.9774	\$ 292.80	\$ (15.34)	\$ 0.00	\$ 0.00	\$ 277.46	\$ 15.34	\$ 176.02
Dual Eligible 65+ M&F	216.80	(46.79)	170.01	0.9774	166.17	(1.06)	-	-	165.11	1.06	46.79
Custodial Care Nursing Facility 65+	\$ 127.56	\$ 0.00	\$ 127.56	1.0203	\$ 130.15	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 130.02	\$ 0.13	\$ 0.00
Hospice 65+	127.56	-	127.56	1.0203	130.15	(0.13)	-	-	130.02	0.13	-
Elderly HCBS Waiver	239.66	-	239.66	1.0203	244.53	(1.47)	-	-	243.06	1.47	-
Custodial Care Nursing Facility <65	\$ 803.78	\$ 0.00	\$ 803.78	1.0197	\$ 819.61	\$ (2.46)	\$ 5.28	\$ 14.42	\$ 836.85	\$ 2.46	\$ 0.00
Hospice <65	803.78	-	803.78	1.0197	819.61	(2.46)	5.28	14.42	836.85	2.46	-
Non-Dual Skilled Nursing Facility	2,288.14	-	2,288.14	1.0197	2,333.22	-	5.28	30.71	2,369.21	-	-
Dual HCBS Waivers: PD; H&D	321.50	-	321.50	1.0197	327.83	(5.24)	-	0.01	322.60	5.24	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,356.83	-	1,356.83	1.0197	1,383.56	(1.39)	5.28	37.01	1,424.46	1.39	-
Brain Injury HCBS Waiver	719.99	-	719.99	1.0197	734.17	(5.87)	5.28	14.62	748.20	5.87	-
ICF/MR	\$ 473.04	\$ 0.00	\$ 473.04	1.0992	\$ 519.97	\$ 0.00	\$ 5.28	\$ 3.81	\$ 529.06	\$ 0.00	\$ 0.00
State Resource Center	147.55	-	147.55	1.0992	162.19	-	5.28	0.12	167.59	-	-
Intellectual Disability HCBS Waiver	357.89	-	357.89	1.0992	393.39	(4.33)	5.28	7.01	401.35	4.33	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 814.70	\$ 0.00	\$ 814.70	0.9295	\$ 757.26	\$ (28.02)	\$ 5.28	\$ 3.15	\$ 737.67	\$ 28.02	\$ 0.00
Children's Mental Health HCBS Waiver	732.86	-	732.86	0.9295	681.19	(3.40)	5.28	6.00	689.07	3.40	-

State of Iowa Department of Human Services, Division of Medical Assistance IA Health Link Medical Risk Adjustment SFY 2018 Medical Risk Adjusted Capitation Rates United Healthcare											
Medical Net Capitation											
Capitation Rate Cell	Net Base Medical Capitation	Habilitation Services Risk Pool	Net Base Medical Capitation Less Habilitation	Risk Adjustment Factor	Net Base Medical Adjusted Capitation	Risk Adjusted 1915b(3) Rate	GME Supplemental PMPM	UIHC Supplemental PMPM	Net Total State Plan Risk Adjusted Rate	Risk Adjusted 1915b(3) Rate	Habilitation Services Risk Pool
Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 5.28	\$ 50.24	\$ 1,848.08	\$ 0.00	\$ 0.00
Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	5.28	8.69	218.74	-	-
Children 1-4 M&F	124.77	-	124.77	0.9840	122.77	-	5.28	3.59	131.64	-	-
Children 5-14 M&F	138.18	(0.04)	138.14	0.9840	135.93	(0.41)	5.28	2.37	143.17	0.41	0.04
Children 15-20 F	224.21	(2.49)	221.72	0.9840	218.17	(2.87)	5.28	3.77	224.35	2.87	2.49
Children 15-20 M	198.35	(2.74)	195.61	0.9840	192.48	(3.91)	5.28	2.84	196.69	3.91	2.74
Non-Expansion Adults 21-34 F	328.24	(0.44)	327.80	0.9912	324.92	(8.45)	5.28	8.29	330.04	8.45	0.44
Non-Expansion Adults 21-34 M	212.69	(0.27)	212.42	0.9912	210.55	(1.69)	5.28	5.08	219.22	1.69	0.27
Non-Expansion Adults 35-49 F	504.50	(0.51)	503.99	0.9912	499.55	(5.00)	5.28	9.53	509.36	5.00	0.51
Non-Expansion Adults 35-49 M	376.83	(0.27)	376.56	0.9912	373.25	(1.50)	5.28	11.52	388.55	1.50	0.27
Non-Expansion Adults 50+ M&F	619.76	(0.37)	619.39	0.9912	613.94	(1.84)	5.28	13.13	630.51	1.84	0.37
Pregnant Women	342.84	(0.22)	342.62	1.0000	342.62	(5.49)	5.28	19.12	361.53	5.49	0.22
CHIP - Children 0-59 days M&F	\$ 1,792.56	\$ 0.00	\$ 1,792.56	1.0000	\$ 1,792.56	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,792.56	\$ 0.00	\$ 0.00
CHIP - Children 60-364 days M&F	204.77	-	204.77	1.0000	204.77	-	-	-	204.77	-	-
CHIP - Children 1-4 M&F	124.77	-	124.77	0.9840	122.77	-	-	-	122.77	-	-
CHIP - Children 5-14 M&F	138.18	(0.04)	138.14	0.9840	135.93	(0.41)	-	-	135.52	0.41	0.04
CHIP - Children 15-20 F	224.21	(2.49)	221.72	0.9840	218.17	(2.87)	-	-	215.30	2.87	2.49
CHIP - Children 15-20 M	198.35	(2.74)	195.61	0.9840	192.48	(3.91)	-	-	188.57	3.91	2.74
CHIP - Hawk-i	128.69	-	128.69	0.9840	126.63	-	-	-	126.63	-	-
TANF Maternity Case Rate	\$ 6,102.35	\$ 0.00	\$ 6,102.35	1.0000	\$ 6,102.35	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,102.35	\$ 0.00	\$ 0.00
Pregnant Women Maternity Case Rate	5,564.69	-	5,564.69	1.0000	5,564.69	-	-	-	5,564.69	-	-
Wellness Plan 19-24 F (Medically Exempt)	\$ 580.89	\$ (40.38)	\$ 540.51	0.9865	\$ 533.21	\$ (23.50)	\$ 0.00	\$ 7.40	\$ 517.11	\$ 23.50	\$ 40.38
Wellness Plan 19-24 M (Medically Exempt)	530.68	(49.49)	481.19	0.9865	474.69	(7.85)	-	4.67	471.51	7.85	49.49
Wellness Plan 25-34 F (Medically Exempt)	756.76	(12.03)	744.73	0.9865	734.68	(42.55)	-	11.55	703.68	42.55	12.03
Wellness Plan 25-34 M (Medically Exempt)	707.65	(27.42)	680.23	0.9865	671.05	(18.15)	-	8.75	661.65	18.15	27.42
Wellness Plan 35-49 F (Medically Exempt)	1,059.48	(12.46)	1,047.02	0.9865	1,032.89	(23.00)	-	18.62	1,028.51	23.00	12.46
Wellness Plan 35-49 M (Medically Exempt)	1,027.99	(23.70)	1,004.29	0.9865	990.73	(15.21)	-	19.19	994.71	15.21	23.70
Wellness Plan 50+ M&F (Medically Exempt)	1,295.81	(21.64)	1,274.17	0.9865	1,256.97	(2.56)	-	27.52	1,281.93	2.56	21.64
Wellness Plan 19-24 F (Non-Medically Exempt)	\$ 199.84	\$ 0.00	\$ 199.84	0.9865	\$ 197.14	\$ 0.00	\$ 0.00	\$ 3.89	\$ 201.03	\$ 0.00	\$ 0.00
Wellness Plan 19-24 M (Non-Medically Exempt)	151.63	-	151.63	0.9865	149.58	-	-	3.84	153.42	-	-
Wellness Plan 25-34 F (Non-Medically Exempt)	259.39	-	259.39	0.9865	255.89	-	-	5.99	261.88	-	-
Wellness Plan 25-34 M (Non-Medically Exempt)	226.53	-	226.53	0.9865	223.47	-	-	6.02	229.49	-	-
Wellness Plan 35-49 F (Non-Medically Exempt)	441.94	-	441.94	0.9865	435.97	-	-	9.99	445.96	-	-
Wellness Plan 35-49 M (Non-Medically Exempt)	395.87	-	395.87	0.9865	390.53	-	-	9.85	400.38	-	-
Wellness Plan 50+ M&F (Non-Medically Exempt)	648.63	-	648.63	0.9865	639.87	-	-	16.72	656.59	-	-
ABD Non-Dual <21 M&F	\$ 755.44	\$ (45.15)	\$ 710.29	0.9557	\$ 678.82	\$ (2.89)	\$ 5.28	\$ 27.40	\$ 708.61	\$ 2.89	\$ 45.15
ABD Non-Dual 21+ M&F	1,298.71	(119.43)	1,179.28	0.9884	1,165.60	(10.27)	5.28	26.11	1,186.72	10.27	119.43
Breast and Cervical Cancer	1,781.60	-	1,781.60	0.9884	1,760.93	(1.76)	-	34.06	1,793.23	1.76	-
Residential Care Facility	2,648.87	(1,394.30)	1,254.57	0.9884	1,240.02	(44.52)	5.28	5.06	1,205.84	44.52	1,394.30
Dual Eligible 0-64 M&F	\$ 463.70	\$ (171.62)	\$ 292.08	0.9774	\$ 285.48	\$ (14.95)	\$ 0.00	\$ 0.00	\$ 270.53	\$ 14.95	\$ 171.62
Dual Eligible 65+ M&F	211.38	(45.62)	165.76	0.9774	162.01	(1.03)	-	-	160.98	1.03	45.62
Custodial Care Nursing Facility 65+	\$ 124.37	\$ 0.00	\$ 124.37	1.0203	\$ 126.89	\$ (0.13)	\$ 0.00	\$ 0.00	\$ 126.76	\$ 0.13	\$ 0.00
Hospice 65+	124.37	-	124.37	1.0203	126.89	(0.13)	-	-	126.76	0.13	-
Elderly HCBS Waiver	233.67	-	233.67	1.0203	238.41	(1.43)	-	-	236.98	1.43	-
Custodial Care Nursing Facility <65	\$ 783.69	\$ 0.00	\$ 783.69	1.0197	\$ 799.13	\$ (2.40)	\$ 5.28	\$ 14.42	\$ 816.43	\$ 2.40	\$ 0.00
Hospice <65	783.69	-	783.69	1.0197	799.13	(2.40)	5.28	14.42	816.43	2.40	-
Non-Dual Skilled Nursing Facility	2,230.94	-	2,230.94	1.0197	2,274.89	-	5.28	30.71	2,310.88	-	-
Dual HCBS Waivers: PD; H&D	313.46	-	313.46	1.0197	319.64	(5.11)	-	0.01	314.54	5.11	-
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,322.91	-	1,322.91	1.0197	1,348.97	(1.36)	5.28	37.01	1,389.90	1.36	-
Brain Injury HCBS Waiver	701.99	-	701.99	1.0197	715.82	(5.73)	5.28	14.62	729.99	5.73	-
ICF/MR	\$ 461.21	\$ 0.00	\$ 461.21	1.0992	\$ 506.96	\$ 0.00	\$ 5.28	\$ 3.81	\$ 516.05	\$ 0.00	\$ 0.00
State Resource Center	143.86	-	143.86	1.0992	158.13	-	5.28	0.12	163.53	-	-
Intellectual Disability HCBS Waiver	348.94	-	348.94	1.0992	383.55	(4.22)	5.28	7.01	391.62	4.22	-
Children in a Psychiatric Mental Institute (PMIC)	\$ 794.33	\$ 0.00	\$ 794.33	0.9295	\$ 738.33	\$ (27.32)	\$ 5.28	\$ 3.15	\$ 719.44	\$ 27.32	\$ 0.00
Children's Mental Health HCBS Waiver	714.54	-	714.54	0.9295	664.16	(3.32)	5.28	6.00	672.12	3.32	-

APPENDIX B: DEVELOPMENT OF NORMALIZED MEDICAL RISK SCORES

State of Iowa Department of Human Services, Division of Medical Assistance SFY 2018 IA Health Link Medical Risk Adjustment Development of Normalized Risk Scores								
Population	May 1, 2017 Membership				May 1, 2017 Scored Members			
	Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs	Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs
TANF Children								
Children 1-4 M&F	20,252	21,512	18,403	60,167	17,491	19,033	15,873	52,397
Children 5-14 M&F	40,568	43,057	36,180	119,805	35,230	38,108	31,276	104,614
Children 15-20 F	6,881	7,433	6,153	20,467	5,803	6,462	5,233	17,498
Children 15-20 M	6,247	6,753	5,622	18,622	5,374	5,885	4,830	16,089
CHIP - Children 1-4 M&F	23	13	29	65	9	3	6	18
CHIP - Children 5-14 M&F	3,839	4,076	3,819	11,734	3,214	3,443	3,109	9,766
CHIP - Children 15-20 F	599	677	662	1,938	496	560	533	1,589
CHIP - Children 15-20 M	641	687	619	1,947	520	574	508	1,602
CHIP - Hawk-i	6,751	6,233	16,742	29,726	4,425	4,419	13,431	22,275
TANF Adults								
Non-Expansion Adults 21-34 F	9,184	9,683	7,855	26,722	7,676	8,298	6,541	22,515
Non-Expansion Adults 21-34 M	1,962	2,108	1,825	5,895	1,375	1,586	1,284	4,245
Non-Expansion Adults 35-49 F	4,985	5,324	4,288	14,597	4,213	4,513	3,629	12,355
Non-Expansion Adults 35-49 M	2,048	2,138	1,848	6,034	1,579	1,647	1,392	4,618
Non-Expansion Adults 50+ M&F	989	1,092	880	2,961	814	909	708	2,431
Wellness Plan								
WP 19-24 F (Medically Exempt)	376	411	288	1,075	342	358	264	964
WP 19-24 M (Medically Exempt)	258	301	223	782	205	255	191	651
WP 25-34 F (Medically Exempt)	750	865	628	2,243	659	761	561	1,981
WP 25-34 M (Medically Exempt)	709	703	533	1,945	578	560	422	1,560
WP 35-49 F (Medically Exempt)	1,134	1,272	1,003	3,409	1,051	1,188	926	3,165
WP 35-49 M (Medically Exempt)	1,005	998	836	2,839	856	856	712	2,424
WP 50+ M & F (Medically Exempt)	1,908	1,950	1,645	5,503	1,681	1,780	1,463	4,924
WP 19-24 F (Non-Medically Exempt)	5,203	5,335	4,677	15,215	3,806	4,062	3,413	11,281
WP 19-24 M (Non-Medically Exempt)	4,042	4,097	3,996	12,135	2,667	2,857	2,666	8,190
WP 25-34 F (Non-Medically Exempt)	6,453	6,469	5,837	18,759	4,732	4,945	4,245	13,922
WP 25-34 M (Non-Medically Exempt)	5,156	5,072	4,713	14,941	2,856	2,985	2,710	8,551
WP 35-49 F (Non-Medically Exempt)	6,457	6,309	5,805	18,571	4,849	4,948	4,380	14,177
WP 35-49 M (Non-Medically Exempt)	5,687	5,524	5,132	16,343	3,742	3,792	3,417	10,951
WP 50+ M&F (Non-Medically Exempt)	10,512	10,240	9,331	30,083	7,526	7,814	6,794	22,134
Dual Eligibles								
Dual Eligible 0-64 M&F	9,115	10,695	7,770	27,580	8,565	10,117	7,255	25,937
Dual Eligible 65+ M&F	2,030	2,514	1,819	6,363	1,899	2,357	1,701	5,957
Disabled Children (Non-Dual)	3,027	3,399	2,605	9,031	2,850	3,162	2,405	8,417
Disabled Adults (Non-Dual)								
ABD Non-Dual 21+ M&F	6,660	7,367	5,661	19,688	6,363	7,027	5,390	18,780
Breast and Cervical Cancer	47	55	39	141	40	48	38	126
Residential Care Facility	190	259	110	559	186	254	100	540
Elderly								
Custodial Care Nursing Facility 65+	2,842	3,932	2,435	9,209	2,356	3,254	2,027	7,637
Hospice 65+	177	226	176	579	150	180	146	476
Elderly HCBS Waiver	1,123	5,578	1,037	7,738	904	4,986	827	6,717
Physically Disabled								
Custodial Care Nursing Facility <65	534	716	451	1,701	504	673	420	1,597
Hospice <65	19	23	17	59	16	19	16	51
Non-Dual Skilled Nursing Facility	39	63	29	131	35	57	24	116
Dual HCBS Waivers: PD; H&D	414	563	374	1,351	386	526	356	1,268
Non-Dual HCBS Waivers: PD; H&D; AIDS	454	553	382	1,389	445	539	375	1,359
Brain Injury HCBS Waiver	201	942	159	1,302	190	927	151	1,268
Intellectually Disabled								
ICF/MR	371	835	165	1,371	370	830	164	1,364
State Resource Center	117	122	105	344	116	122	105	343
Intellectual Disability HCBS Waiver	1,014	9,357	788	11,159	1,004	9,282	775	11,061
Children's Mental Health								
Children in a Psychiatric Mental Institute	125	145	114	384	101	120	95	316
Children's Mental Health HCBS Waiver	319	382	266	967	296	357	234	887

State of Iowa Department of Human Services, Division of Medical Assistance SFY 2018 IA Health Link Medical Risk Adjustment Development of Normalized Risk Scores								
Population	Unadjusted Risk Scores				Scored / Unscored Blended Risk Scores			
	Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs	Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs
TANF Children								
Children 1-4 M&F	0.9326	0.9946	0.9120	0.9489	0.9348	0.9893	0.9171	0.9489
Children 5-14 M&F	1.1380	1.1243	1.0976	1.1209	1.1358	1.1239	1.1008	1.1209
Children 15-20 F	1.7471	1.7613	1.7322	1.7479	1.7472	1.7595	1.7345	1.7479
Children 15-20 M	1.4934	1.5259	1.4559	1.4940	1.4935	1.5218	1.4613	1.4940
CHIP - Children 1-4 M&F	0.9052	0.7870	0.9863	0.9125	0.9097	0.8836	0.9278	0.9125
CHIP - Children 5-14 M&F	0.9814	1.0312	0.9650	0.9937	0.9834	1.0254	0.9703	0.9937
CHIP - Children 15-20 F	1.5037	1.5147	1.5491	1.5228	1.5070	1.5161	1.5440	1.5228
CHIP - Children 15-20 M	1.2071	1.2702	1.2363	1.2390	1.2131	1.2651	1.2368	1.2390
CHIP - Hawk-i	0.8520	0.8347	0.8532	0.8493	0.8511	0.8389	0.8524	0.8493
TANF Adults								
Non-Expansion Adults 21-34 F	0.9825	0.9828	0.9597	0.9760	0.9814	0.9818	0.9624	0.9760
Non-Expansion Adults 21-34 M	0.6479	0.6780	0.6687	0.6654	0.6531	0.6749	0.6677	0.6654
Non-Expansion Adults 35-49 F	1.2664	1.2776	1.2526	1.2664	1.2664	1.2759	1.2547	1.2664
Non-Expansion Adults 35-49 M	0.9799	0.9868	0.9387	0.9699	0.9776	0.9829	0.9464	0.9699
Non-Expansion Adults 50+ M&F	1.4807	1.4565	1.5427	1.4897	1.4823	1.4621	1.5323	1.4897
Wellness Plan								
WP 19-24 F (Medically Exempt)	1.5249	1.5403	1.4864	1.5201	1.5245	1.5377	1.4892	1.5201
WP 19-24 M (Medically Exempt)	1.1737	1.0451	1.1157	1.1063	1.1599	1.0545	1.1144	1.1063
WP 25-34 F (Medically Exempt)	1.6881	1.7788	1.7382	1.7371	1.6940	1.7738	1.7381	1.7371
WP 25-34 M (Medically Exempt)	1.6496	1.6216	1.6353	1.6357	1.6470	1.6245	1.6354	1.6357
WP 35-49 F (Medically Exempt)	2.1147	2.1875	2.1220	2.1442	2.1169	2.1846	2.1237	2.1442
WP 35-49 M (Medically Exempt)	2.0455	2.1292	1.8871	2.0285	2.0430	2.1149	1.9081	2.0285
WP 50+ M &F (Medically Exempt)	2.4955	2.4885	2.3996	2.4645	2.4918	2.4864	2.4068	2.4645
WP 19-24 F (Non-Medically Exempt)	0.8465	0.8489	0.8536	0.8495	0.8473	0.8490	0.8525	0.8495
WP 19-24 M (Non-Medically Exempt)	0.4779	0.5204	0.4863	0.4955	0.4839	0.5129	0.4893	0.4955
WP 25-34 F (Non-Medically Exempt)	0.9044	0.9010	0.8661	0.8915	0.9010	0.8988	0.8730	0.8915
WP 25-34 M (Non-Medically Exempt)	0.7466	0.7579	0.7291	0.7450	0.7459	0.7526	0.7359	0.7450
WP 35-49 F (Non-Medically Exempt)	1.1803	1.1742	1.1636	1.1730	1.1785	1.1739	1.1659	1.1730
WP 35-49 M (Non-Medically Exempt)	1.0117	1.0603	1.0206	1.0313	1.0184	1.0512	1.0242	1.0313
WP 50+ M&F (Non-Medically Exempt)	1.5105	1.5194	1.4762	1.5031	1.5084	1.5155	1.4835	1.5031
Dual Eligibles								
Dual Eligible 0-64 M&F	1.0635	1.0722	1.0308	1.0577	1.0632	1.0714	1.0326	1.0577
Dual Eligible 65+ M&F	0.8023	0.8547	0.8143	0.8265	0.8039	0.8529	0.8151	0.8265
Disabled Children (Non-Dual)	0.9713	1.0189	0.9307	0.9776	0.9717	1.0160	0.9343	0.9776
Disabled Adults (Non-Dual)								
ABD Non-Dual 21+ M&F	1.3303	1.3055	1.2932	1.3104	1.3294	1.3057	1.2940	1.3104
Breast and Cervical Cancer	1.4758	1.3365	1.3031	1.3706	1.4601	1.3408	1.3048	1.3706
Residential Care Facility	1.7871	1.7689	1.8982	1.7991	1.7874	1.7695	1.8892	1.7991
Elderly								
Custodial Care Nursing Facility 65+	0.2469	0.2667	0.2583	0.2583	0.2488	0.2652	0.2583	0.2583
Hospice 65+	0.2469	0.2667	0.2583	0.2583	0.2488	0.2652	0.2583	0.2583
Elderly HCBS Waiver	1.9950	1.9339	2.0766	1.9597	1.9881	1.9366	2.0529	1.9597
Physically Disabled								
Custodial Care Nursing Facility <65	1.1291	1.0802	1.1824	1.1227	1.1287	1.0829	1.1783	1.1227
Hospice <65	1.1291	1.0802	1.1824	1.1227	1.1287	1.0829	1.1783	1.1227
Non-Dual Skilled Nursing Facility	3.3320	2.2203	3.0814	2.7339	3.2707	2.2692	3.0215	2.7339
Dual HCBS Waivers: PD; H&D	2.6329	2.5789	2.5372	2.5836	2.6296	2.5792	2.5394	2.5836
Non-Dual HCBS Waivers: PD; H&D; AIDS	2.2423	2.1737	2.0663	2.1665	2.2408	2.1735	2.0681	2.1665
Brain Injury HCBS Waiver	1.6672	1.2873	1.6931	1.3925	1.6522	1.2890	1.6780	1.3925
Intellectually Disabled								
ICF/MR	0.8875	0.9462	1.0040	0.9372	0.8876	0.9461	1.0036	0.9372
State Resource Center	0.4652	0.3706	0.4021	0.4122	0.4647	0.3706	0.4021	0.4122
Intellectual Disability HCBS Waiver	0.8276	0.7392	0.8417	0.7544	0.8269	0.7393	0.8403	0.7544
Children's Mental Health								
Children in a Psychiatric Mental Institute	0.9168	0.8053	0.7747	0.8317	0.9005	0.8099	0.7842	0.8317
Children's Mental Health HCBS Waiver	0.8854	0.8782	0.7800	0.8547	0.8832	0.8767	0.7890	0.8547

State of Iowa Department of Human Services, Division of Medical Assistance SFY 2018 IA Health Link Medical Risk Adjustment Development of Normalized Risk Scores					
Population	Capitation Rate	Normalized Risk Scores			
		Amerigroup	AmeriHealth Caritas	United Healthcare	All MCOs
TANF Children					
Children 1-4 M&F	\$ 127.97	0.9852	1.0426	0.9665	1.0000
Children 5-14 M&F	141.68	1.0132	1.0027	0.9820	1.0000
Children 15-20 F	227.41	0.9996	1.0067	0.9924	1.0000
Children 15-20 M	200.63	0.9996	1.0186	0.9781	1.0000
CHIP - Children 1-4 M&F	127.97	0.9969	0.9683	1.0167	1.0000
CHIP - Children 5-14 M&F	141.68	0.9896	1.0318	0.9765	1.0000
CHIP - Children 15-20 F	227.41	0.9896	0.9956	1.0139	1.0000
CHIP - Children 15-20 M	200.63	0.9791	1.0211	0.9982	1.0000
CHIP - Hawk-i	131.99	1.0021	0.9878	1.0037	1.0000
Composite¹		1.0022	1.0133	0.9840	1.0000
TANF Adults					
Non-Expansion Adults 21-34 F	\$ 336.21	1.0056	1.0060	0.9861	1.0000
Non-Expansion Adults 21-34 M	217.87	0.9815	1.0142	1.0034	1.0000
Non-Expansion Adults 35-49 F	516.91	1.0000	1.0075	0.9908	1.0000
Non-Expansion Adults 35-49 M	386.22	1.0079	1.0134	0.9757	1.0000
Non-Expansion Adults 50+ M&F	635.27	0.9950	0.9814	1.0286	1.0000
Composite¹		1.0017	1.0056	0.9912	1.0000
Wellness Plan					
WP 19-24 F (Medically Exempt)	\$ 554.37	1.0029	1.0116	0.9797	1.0000
WP 19-24 M (Medically Exempt)	493.53	1.0484	0.9531	1.0073	1.0000
WP 25-34 F (Medically Exempt)	763.83	0.9752	1.0211	1.0006	1.0000
WP 25-34 M (Medically Exempt)	697.67	1.0069	0.9931	0.9998	1.0000
WP 35-49 F (Medically Exempt)	1,073.87	0.9873	1.0189	0.9905	1.0000
WP 35-49 M (Medically Exempt)	1,030.04	1.0071	1.0426	0.9406	1.0000
WP 50+ M & F (Medically Exempt)	1,306.84	1.0111	1.0089	0.9766	1.0000
WP 19-24 F (Non-Medically Exempt)	204.96	0.9974	0.9995	1.0035	1.0000
WP 19-24 M (Non-Medically Exempt)	155.52	0.9766	1.0351	0.9877	1.0000
WP 25-34 F (Non-Medically Exempt)	266.04	1.0106	1.0081	0.9793	1.0000
WP 25-34 M (Non-Medically Exempt)	232.34	1.0012	1.0102	0.9877	1.0000
WP 35-49 F (Non-Medically Exempt)	453.27	1.0047	1.0008	0.9939	1.0000
WP 35-49 M (Non-Medically Exempt)	406.02	0.9875	1.0193	0.9931	1.0000
WP 50+ M&F (Non-Medically Exempt)	665.26	1.0035	1.0083	0.9870	1.0000
Composite¹		1.0012	1.0108	0.9865	1.0000
Dual Eligibles					
Dual Eligible 0-64 M&F	\$ 299.57	1.0051	1.0129	0.9762	1.0000
Dual Eligible 65+ M&F	170.01	0.9727	1.0320	0.9862	1.0000
Composite¹		1.0015	1.0152	0.9774	1.0000
Disabled Children (Non-Dual)	\$ 728.50	0.9940	1.0393	0.9557	1.0000
Disabled Adults (Non-Dual)					
ABD Non-Dual 21+ M&F	\$ 1,209.52	1.0145	0.9965	0.9875	1.0000
Breast and Cervical Cancer	1,827.28	1.0653	0.9783	0.9520	1.0000
Residential Care Facility	1,286.74	0.9935	0.9835	1.0501	1.0000
Composite¹		1.0144	0.9958	0.9884	1.0000
Elderly					
Custodial Care Nursing Facility 65+	\$ 127.56	0.9633	1.0267	0.9999	1.0000
Hospice 65+	127.56	0.9633	1.0267	0.9999	1.0000
Elderly HCBS Waiver	239.66	1.0145	0.9882	1.0476	1.0000
Composite²		0.9843	0.9992	1.0203	1.0000
Physically Disabled					
Custodial Care Nursing Facility <65	\$ 803.78	1.0054	0.9646	1.0496	1.0000
Hospice <65	803.78	1.0054	0.9646	1.0496	1.0000
Non-Dual Skilled Nursing Facility	2,288.14	1.1963	0.8300	1.1052	1.0000
Dual HCBS Waivers: PD; H&D	321.50	1.0178	0.9983	0.9829	1.0000
Non-Dual HCBS Waivers: PD; H&D; AIDS	1,356.83	1.0343	1.0032	0.9546	1.0000
Brain Injury HCBS Waiver	719.99	1.1864	0.9256	1.2050	1.0000
Composite²		1.0493	0.9600	1.0197	1.0000
Intellectually Disabled					
ICF/MR	\$ 473.04	0.9471	1.0095	1.0708	1.0000
State Resource Center	147.55	1.1274	0.8990	0.9754	1.0000
Intellectual Disability HCBS Waiver	357.89	1.0961	0.9800	1.1138	1.0000
Composite²		1.0500	0.9827	1.0992	1.0000
Children's Mental Health					
Children in a Psychiatric Mental Institute	\$ 814.70	1.0826	0.9737	0.9429	1.0000
Children's Mental Health HCBS Waiver	732.86	1.0333	1.0257	0.9231	1.0000
Composite²		1.0483	1.0103	0.9295	1.0000

APPENDIX C: PREVALENCE REPORT