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# Minnesota Comprehensive Health Association

2022 First Quarter Report

Results for The Minnesota Premium Security Plan

June 9<sup>th</sup>, 2022

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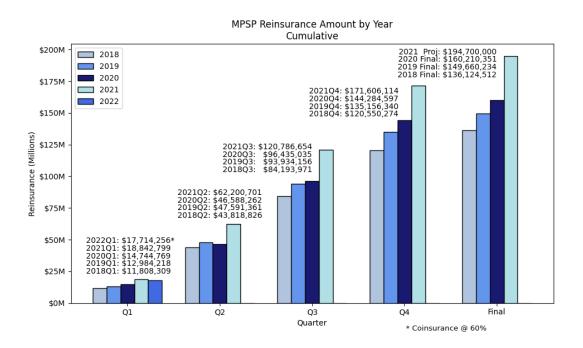
## Introduction

The Minnesota Comprehensive Health Association (MCHA) retained Wakely Consulting Group, LLC (Wakely) to collect data related to the Minnesota state-based reinsurance program (referred to as the Minnesota Premium Security Plan (MPSP)), review the data for reasonability, calculate the reinsurance payments to the carriers participating in the program, and provide summary reports for MCHA to distribute as appropriate to stakeholders. This report is not intended to project final year-end 2022 reinsurance amounts.

This document has been prepared for the use of MCHA and its Board of Directors. Wakely understands that this report will be made public and distributed to stakeholders beyond MCHA and its Board of Directors due to Minnesota Statutes §62E.24. Wakely does not intend to benefit third parties and assumes no duty or liability to other parties who receive this work. The report should be reviewed in its entirety. This document contains the data, assumptions, and methods used in these analyses and satisfies the Actuarial Standard of Practice (ASOP) 41 reporting requirements.

## **Executive Summary**

MPSP preliminary reinsurance amounts reported by issuers between January and March 2022 total approximately \$17.7 million for 622 distinct enrollees. The data underlying this analysis was provided by Minnesota carriers eligible for reinsurance under MPSP. The figure below shows the reinsurance included in the 2018 through 2022 quarterly reports.



The total year-to-date reinsurance amount in the 2022Q1 quarterly report is approximately 6.0% lower than the reinsurance in the 2021Q1 quarterly report. The year-over-year decrease is caused by the change in the coinsurance parameter from 80% in 2021 to 60% in 2022. Without the coinsurance change, the 2022Q1 reinsurance amount would have equaled \$23,619,008 which represents a 25.3% increase over the 2021Q1 reinsurance amount. For additional information, please see the Coinsurance



Change section on page 8 of this report.

The final 2022 reinsurance amounts and enrollee counts will increase significantly from the 2022Q1 values shown in this report. The final reinsurance will be calculated in compliance with Minnesota Statutes §62E.23 and will be based on an entire year of claim experience.

Table 1 provides enrollment and reinsurance information underlying the first quarterly reports between 2018 and 2022. The overall number of reinsurance eligible enrollees increased between 2021Q1 and 2022Q1 while the total reinsurance amount decreased. The decrease is largely caused by the change in the coinsurance rate from 80% in 2021 to 60% in 2022 that was part of the omnibus health and human services bill approved by Governor Walz on June  $28^{th}$ ,  $2021.^1$  The line labeled @ 80% gives the reinsurance that would have been reported if the coinsurance did not change.

Table 1: Reinsurance Amounts and Enrollee Counts

|                           | Distinct RI RI Enrollee |          | Reported     | Reinsurance |
|---------------------------|-------------------------|----------|--------------|-------------|
|                           | Enrollees               | % Change | Reinsurance  | % Change    |
| Statewide 2022Q1 @ $60\%$ | 615                     | 10.6%    | \$17,714,256 | -6.0%       |
| Statewide 2022Q1 @ 80%    | 615                     | 10.6%    | \$23,619,008 | 25.3%       |
| Statewide 2021Q1          | 556                     | 24.1%    | \$18,842,799 | 27.8%       |
| Statewide 2020Q1          | 448                     | 14.0%    | \$14,744,769 | 13.6%       |
| Statewide 2019Q1          | 393                     | 7.1%     | \$12,984,218 | 10.0%       |
| Statewide 2018Q1          | 367                     | -        | \$11,808,390 | -           |

The remainder of this report provides a description of the methodology, additional breakout of reinsurance by region, metal level, and other various reporting variables, along with associated caveats and disclosures.

## Methodology

Carriers participating in Minnesota's non-grandfathered individual commercial market provided Wakely

#### Reinsurance Parameters

| Claim      | Range <sup>[1]</sup>  | Liability                        |
|------------|-----------------------|----------------------------------|
| 1          | \$0<br>\$50,000       | Plan Pays: 100%                  |
|            | \$50,001<br>\$250,000 | Plan Pays: 40%<br>MPSP Pays: 60% |
| $\bigcirc$ | \$250,001             | Plan Pays <sup>[2]</sup> : 100%  |

<sup>[1] -</sup> Claim Range Excludes Member Cost Sharing

with January through March 2022 claim experience with paid dates through April 2022 in a template developed by Wakely. The template included both enrollment and claim experience at the carrier level. The template also included enrollee-level data for Minnesotans enrolled in the individual market that carriers identified with claims above the attachment point of \$50,000. Wakely then aggregated these templates and calculated reinsurance payments using the reinsurance parameters shown in the figure to the left. Wakely validated this amount against the carrier provided calculations.

The enrollee-level data supplied by carriers accounted for movement between HIOS plan identifiers. For example, under certain circumstances,

<sup>[2] -</sup> Excludes Impact of High-Cost Risk Pool

<sup>&</sup>lt;sup>1</sup>See Article 15, Section 2 of HF 33



an enrollee might have been enrolled in both a silver and gold plan for a portion of the benefit

year. This transferring does not impact results when reporting at a carrier level; however, when reporting at a more granular level (e.g. metal), reported results may change depending on the allocation method. For this report, Wakely allocated reinsurance estimates for enrollees transferring between cohorts based on incurred claims within that time period. For example if 75% of an enrollee's claims occurred in a silver plan and 25% occurred in a gold plan, then 75% of the reinsurance for the individual was allocated to the silver plan and 25% to the gold plan.

## Analysis

This section provides additional detail for the reinsurance amount shown in Table 1. The distribution total in the following tables may not add to 100% due to rounding. The 2018 through 2021 distributions are shown next to the 2022Q1 distribution for reference. As of the date of this memorandum, the final BY2021 reinsurance is not finalized and may change. If there is a change to the 2021 distributions below, future reports will be updated and any changes disclosed.

### Reinsurance by Area

The table in this section shows the amount of reinsurance for each of Minnesota's nine rating regions. A list of counties in each rating area can be found on either the Minnesota Department of Commerce website or the CMS website.

Rate Region 2022Q1 2022Q1 2021 2020 2019 2018 Reinsurance Dist'n Dist'n Dist'n Dist'n Dist'n Rating Area 1 \$1,637,638 9%11%11% 12%10%6%6%6%6%Rating Area 2 \$958.560 5% \$1,072,400 6%7%7% 7%6%Rating Area 3 Rating Area 4 \$373,768 2%3%2%3% 3%\$509,427 3%5%4%4%5% Rating Area 5 4% Rating Area 6 \$936,564 5% 4%5% 4%\$1,472,498 8% 9%7% 9% 7% Rating Area 7 Rating Area 8 \$10,488,218 59%56%57%54%55%Rating Area 9 \$265.182 1% 1% 1% 1% 2%Statewide \$17,714,256 100% 100% 100%100% 100%

Table 2: Reinsurance Amount by Area

#### Reinsurance by Metal Level

The table in this section provides the reinsurance and distribution by metal tier. There are four different metal tiers in the Individual market which reflect different levels of cost sharing an enrollee is expected to pay. The leanest is the bronze plan where an enrollee can expect to pay for about 40% of his or her total medical costs out of pocket in the form of cost sharing such as deductibles, coinsurance, and copays. The richest plan type is the platinum tier where an enrollee can expect to pay approximately 10% of total costs out of pocket. There is a fifth tier called Catastrophic with enrollment limited to enrollees who are eligible for a hardship exemption or are under the age of 30.

Due to the cost sharing levels of the different metal types, the distribution may shift between metal levels as 2022 completes.



| Metal Tier   | $2022\mathrm{Q}1$ | 2022Q1 | 2021   | 2020              | 2019   | 2018              |
|--------------|-------------------|--------|--------|-------------------|--------|-------------------|
|              | Reinsurance       | Dist'n | Dist'n | $\mathbf{Dist'n}$ | Dist'n | $\mathbf{Dist'n}$ |
| Catastrophic | \$130,687         | 1%     | 0%     | 1%                | 0%     | 0%                |
| Bronze       | \$8,965,763       | 51%    | 48%    | 45%               | 44%    | 48%               |
| Silver       | \$4,570,055       | 26%    | 26%    | 29%               | 29%    | 29%               |
| Gold         | \$3,962,247       | 22%    | 25%    | 25%               | 26%    | 22%               |
| Platinum     | \$85,504          | 0%     | 0%     | 1%                | 1%     | 1%                |
| Total        | \$17,714,256      | 100%   | 100%   | 100%              | 100%   | 100%              |

### Reinsurance by Exchange Status

This section provides the reinsurance based on whether the enrollee purchased coverage through Minnesota's Exchange, MNSure, or directly through the issuer. There has been a significant shift in the amount of reinsurance On-Exchange between 2021 and 2022 which was caused by an increase in enrollment on the On-Exchange market relative to the Off-Exchange. For more information, please see the 2022 Considerations section.

Table 4: Reinsurance Amount by Exchange Status

| Exchange     | 2022Q1       | $2022\mathrm{Q1}$ | 2021   | 2020   | 2019         | 2018   |
|--------------|--------------|-------------------|--------|--------|--------------|--------|
| Status       | Reinsurance  | Dist'n            | Dist'n | Dist'n | ${f Dist'n}$ | Dist'n |
| On-Exchange  | \$13,350,286 | 75%               | 67%    | 69%    | 69%          | 68%    |
| Off-Exchange | \$4,363,970  | 25%               | 33%    | 31%    | 31%          | 32%    |
| Total        | \$17,417,256 | 100%              | 100%   | 100%   | 100%         | 100%   |

### Reinsurance by Plan Type

This section provides reinsurance amounts by plan type. In the Affordable Care Act, some individuals and families qualify for cost-sharing reduction subsidies (CSR) which lower out-of-pocket costs. There are several different levels of CSRs. The first is 73% which reduces the individual's out-of-pocket cost to approximately 27% (= 1 - 73%) of total medical costs. There are CSR plans available at the 87% and 94% level as well. CSR plans are only available on the Exchange. Finally, there are limited cost-sharing and zero cost-sharing plans for American Indians and Alaska Natives.

Table 5: Reinsurance Amount by Plan Type

| Plan Type  | $2022\mathrm{Q1}$ | $2022\mathrm{Q1}$ | 2021   | 2020   | 2019         | 2018   |
|------------|-------------------|-------------------|--------|--------|--------------|--------|
|            | Reinsurance       | ${f Dist'n}$      | Dist'n | Dist'n | ${f Dist'n}$ | Dist'n |
| Standard   | \$16,389,734      | 93%               | 92%    | 90%    | 90%          | 91%    |
| Zero CS    | \$0               | 0%                | 0%     | 0%     | 0%           | 0%     |
| Limited CS | \$219,790         | 1%                | 0%     | 0%     | 0%           | 0%     |
| 73% CSR    | \$1,104,732       | 6%                | 7%     | 9%     | 9%           | 9%     |
| 94% CSR    | \$0               | 0%                | 1%     | 0%     | 0%           | 0%     |
| Total      | \$17,714,256      | 100%              | 100%   | 100%   | 100%         | 100%   |

## Reinsurance by Claim Spend

Please see Appendix A for reinsurance by claim spend level.



#### Distribution of HCC Count

Previous reports included a hierarchical condition category (HCC) distribution for reinsurance eligible enrollees. Since HCC identification is correlated with the length of time an individual is enrolled during the benefit year, using a partial year of experience may not accurately reflect the final HCC distribution. For example, an enrollee with twelve months of enrollment has more time to visit a physician compared to an enrollee with only three months of enrollment. The HCC distribution for 2022 benefit year reinsurance will be provided in future reports similar to previous reporting.

### Reinsurance by Product

Appendix C gives the amount of reinsurance and number of claimants that exceeded \$50,000 in claims by product and Exchange status. To define product, Wakely used the first ten digits of the HIOS plan identifier and requested that issuers provide a product name associated with the product identifier. For the column labeled *Claimants*, an enrollee may be double counted if he or she transferred between products during the experience period. As a result, the claimant count in Appendix C may not match the enrollee count in Table 1. The column labeled *Claimants* shows "<100" for product and Exchange-status combinations with less than 100 claimants for protected health information (PHI) reasons. Multiple issuers updated the on- and off-Exchange mapping in the data they provided to Wakely between the 2019Q2 and 2019Q3 reports. As a result, the values shown in Appendix C for the 2022Q1 report are not directly comparable to the values in reports prior to 2019Q2.

#### **New Market Entrant**

Starting January 1<sup>st</sup>, 2021, Quartz entered the individual market in five southeastern counties. Appendix C of this report includes Quartz; however, the 2018 through 2020 reports do not.

## 2022 Considerations

This section discusses changes occurring during 2021 and 2022 that impact reinsurance and trends.

- 1. Coinsurance Parameter The coinsurance rate decreased from 80% in 2021 to 60% in 2022. All else being equal, this decreases the reinsurance payments by 25% (  $=\frac{60\%}{80\%}-1$ ). Without the change, the reinsurance reported in Table 1 would be \$23,619,008 (= \$17,714,256 x  $\frac{80\%}{60\%}$ ) and the reinsurance 2021Q1 to 2022Q1 change would be approximately 25.3% (=  $\frac{$23,619,008}{$18,842,799}-1$ ).
- 2. **Premium Subsidies** Premium subsidies increased during 2022Q1 for individuals and families earning below 400% of the federal poverty limit (FPL) relative to 2021Q1. In 2022, premium subsidies were also extended to certain individuals and families earning more than 400% of the FPL for the first time. Overall, these two changes likely increased the overall size of the market and increased the proportion of individuals purchasing coverage on the exchange. Issuers reported an overall increase in the market, which is consistent with public reports by MNSure.<sup>2</sup>
- 3. Unemployment Premium Subsidies Beginning July 1, 2021, individuals who received unemployment compensation during 2021 received premium and CSR subsidies. These subsidies expired at the end of 2021. As a result, the reinsurance amount reported in the 94% CSR plans will likely decrease during 2022.

<sup>&</sup>lt;sup>2</sup>See Expanded Cost Savings Fuel Record Health Insurance Sign-Ups Through MNSure



## Coinsurance Change

The total amount of reinsurance paid by MCHA depends on the coinsurance rate, and between 2021 and 2022, the coinsurance rate decreased from 80% to 60%. All else being equal for an enrollee, this decreased the total amount of reinsurance paid by 25%. The table below provides an illustrative example of the decrease for a hypothetical member with \$100,000 paid claims using an attachment point of \$50,000.

Table 6: Coinsurance Change Example

| Coinsurance     | Paid Claims | Formula                      | Reinsurance Amt |
|-----------------|-------------|------------------------------|-----------------|
| 80% Coinsurance | \$100,000   | (\$100,000 - \$50,000) x 80% | \$40,000        |
| 60% Coinsurance | \$100,000   | (\$100,000 - \$50,000) x 60% | \$30,000        |

Note that the total number reinsurance eligible enrollees is not impacted by the coinsurance change because eligibility for reinsurance depends only on the attachment point. The next table restates Table 1 to be on a per reinsurance eligible enrollee format. The *Reported Reinsurance* column in this table equals the *Reported Reinsurance* in Table 1 divided by the *Distinct RI Enrollees* column.

Table 7: Reinsurance Amounts per Enrollee and Enrollee Counts

|                        | Distinct RI | RI Enrollee % | ${f Reported}$ | Reinsurance % |
|------------------------|-------------|---------------|----------------|---------------|
|                        | Enrollees   | Change        | Reinsurance    | Change        |
| Statewide 2022Q1       | 615         | 10.6%         | \$28,804       | -15.0%        |
| Statewide 2022Q1 @ 80% | 615         | 10.6%         | \$38,405       | 13.3%         |
| Statewide 2021Q1       | 556         | 24.1%         | \$33,890       | 3.0%          |
| Statewide 2020Q1       | 448         | 14.0%         | \$32,912       | -0.4%         |
| Statewide 2019Q1       | 393         | 7.1%          | \$33,039       | 2.7%          |
| Statewide 2018Q1       | 367         | -             | \$32,175       | -             |

The reinsurance per eligible enrollee decreased 15.0% between 2021Q1 and 2022Q1 from \$33,890 to \$28,804. This doesn't equal the 25% stated above because there is a different mix of enrollees within the claim distribution. In particular, as a percent of total, there are more reinsurance eligible enrollees with claims above \$120,000 in 2022Q1 than there were in 2021Q1.

## Deductible Leveraging

In a reinsurance setting, trends for a reinsurer can be higher than the overall cost trend of the reinsured entity due to deductible leveraging. Deductible leveraging occurs when the underlying claim costs for the insurer increases at a rate higher than the increase in the deductible. In context of MPSP, the words attachment point and deductible are synonymous. The example below shows the calculation of liability for an insurance company that has an enrollee with \$55,000 in total claims using MPSP's \$50,000 attachment point and 20% coinsurance. This example is for illustrative purposes only and does not represent an analysis of the impact of deductible leveraging for MPSP.

Table 8: Deductible Leveraging Example

| Description | Amount   | Formula                             | Payer     |
|-------------|----------|-------------------------------------|-----------|
| Deductible  | \$50,000 | $\min\{\$55,000,\ \$50,000\}$       | Issuer    |
| Coinsurance | \$1,000  | $(\$55,000 - \$50,000) \times 20\%$ | Issuer    |
| Reinsurance | \$4,000  | (\$55,000 - \$50,000)× 80%          | Reinsurer |



If the claim increases by 1% because of regular cost trends, then the cost of the claim is now \$55,550 (= \$55,000 × 1.01), but the cost to the reinsurer increases by approximately 11.0% (=  $\frac{\$4,440}{\$4,000}$  - 1). This is shown in the next table.

Table 9: Deductible Leveraging Example - Trended

| Description | Amount   | Formula                             | Payer     |
|-------------|----------|-------------------------------------|-----------|
| Deductible  | \$50,000 | $\min\{\$55,550,\ \$50,000\}$       | Issuer    |
| Coinsurance | \$1,110  | $(\$55,550 - \$50,000) \times 20\%$ | Issuer    |
| Reinsurance | \$4,440  | (\$55,550 - \$50,000)× 80%          | Reinsurer |

The impact of deductible leveraging is minimally off-set by a reinsurance cap since the reinsurer is no longer liable for additional costs exceeding the reinsurance cap. Deductible leveraging can impact both the number of enrollees eligible for reinsurance and the average cost of reinsurance per reinsurance eligible enrollee. The overall deductible leveraging trend depends both on the proportion of claims for enrollees exceeding the attachment point and the total change in costs for enrollees exceeding the attachment point.

### **Data Review**

Wakely compared the portion of enrollees with claims above the attachment point underlying the carrier submitted templates against the claim continuance table located in the actuarial report in Minnesota's 1332 Waiver. In the comparison, the actual portion of enrollees with claims above the attachment point was lower than the portion of enrollees with claims above the attachment point. This is likely caused by the underlying carrier data being based on a partial year of experience with limited claim runout. For example, the enrollee-level dataset excludes enrollees that will exceed the attachment point because of claims that are incurred between April and December 2022.

### State Mandated Benefits

Wakely did not adjust the reinsurance calculation methodology for state mandated benefits at the direction of MCHA. Wakely's understanding is that issuers and Minnesota Department of Commerce (DoC) will make the appropriate adjustments when issuers submit data to DoC for reimbursement.

## Disclosures and Limitations

**Responsible Actuary.** I, Tyson Reed, am responsible for this communication. I am a member of the American Academy of Actuaries and a Fellow of the Society of Actuaries. I meet the Qualification Standards of the American Academy of Actuaries to issue this report.

**Intended Users.** This information has been prepared for the use of the management of MCHA. Wakely understands that the report will be made public and distributed to other stakeholders. Distribution to such parties should be made and evaluated in its entirety. The parties receiving this report should retain their own actuarial experts in interpreting results.

Risks and Uncertainties. The assumptions and resulting estimates included in this report and produced by the modeling are inherently uncertain. Users of the results should be qualified to use it and understand the results and the inherent uncertainty. Actual results may vary, potentially materially, from Wakely's estimates. Wakely does not warrant or guarantee that Minnesota carriers will attain



the estimated values included in the report. It is the responsibility of those receiving this output to review the assumptions carefully and notify Wakely of any potential concerns.

Conflict of Interest. I am financially independent and free from conflict concerning all matters related to performing the actuarial services underlying these analyses. In addition, Wakely is organizationally and financially independent of MCHA.

**Data and Reliance.** I have relied on others for data and assumptions used in the assignment. I have reviewed the data for reasonableness, but I have not performed any independent audit or otherwise verified the accuracy of the data / information. If the underlying information is incomplete or inaccurate, my estimates and calculations may be impacted, potentially significantly. The information included in the other sections identifies the key data and assumptions.

**Subsequent Events.** Material changes in state or federal laws regarding health benefit plans and other externalities such as the on-going COVID pandemic may have a material impact on the results included in this report. I am not aware of any additional subsequent events that would impact the results of this analysis.

Contents of Actuarial Report. This document constitutes the entirety of the actuarial report.

**Deviations from ASOPs.** Wakely completed the analyses using sound actuarial practice. To the best of my knowledge, the report and methods used in the analyses are in compliance with the appropriate ASOPs with no known deviations. A summary of ASOP compliance is listed below:

- ASOP No. 1, Introductory Actuarial Standard of Practice
- ASOP No. 23, Data Quality
- ASOP No. 41, Actuarial Communication
- ASOP No. 56, Modeling

Signed,

Tyson Reed, FSA, MAAA Consulting Actuary

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# Appendix A - Reinsurance Amount by Claim Spend Level

## 2022Q1 Reinsurance Amount by Claim Spend Level

Reported at Total Levels Due to Limited Enrollment in Each Cohort

| Incurre   | d Claims    |                | Average Incurred    | Average Reinsurance | ${f Aggregate}$ |
|-----------|-------------|----------------|---------------------|---------------------|-----------------|
| Low Range | High Range  | Enrollee Count | Claims Per Enrollee | Per Enrollee        | Reinsurance     |
| \$50,000  | \$52,508    |                |                     |                     | \$35,809        |
| \$52,508  | \$58,498    |                |                     |                     | \$272,943       |
| \$58,498  | \$119,795   | 339            | \$80,625            | \$18,375            | \$6,229,126     |
| \$119,795 | \$200,000   |                |                     |                     | \$5,406,976     |
| \$200,000 | \$9,999,999 |                |                     |                     | \$5,769,402     |
| To        | otal        | 615            | \$106,806           | \$28,804            | \$17,714,256    |

#### Notes:

- 1. Average Reinsurance Per Enrollee =  $\min\{(\text{Average Incurred Claims $50,000}) \times 60\%, \$160,000\}.$
- 2. The claim intervals originate from the 1332 Waiver Application.
- 3. This distribution is expected to change as 2022 completes.



# Appendix A (Cont.) - Reinsurance Amount by Claim Spend Level

## 2021 Final Reinsurance Amount by Claim Spend Level

| Incurred Claims |             |                | Average Incurred    | Average Reinsurance | ${f Aggregate}$ |
|-----------------|-------------|----------------|---------------------|---------------------|-----------------|
| Low Range       | High Range  | Enrollee Count | Claims Per Enrollee | Per Enrollee        | Reinsurance     |
| \$50,000        | \$52,508    | 214            | \$51,224            | \$979               | \$209,496       |
| \$52,508        | \$58,498    | 412            | \$55,285            | \$4,228             | \$1,741,935     |
| \$58,498        | \$119,795   | 1,898          | \$80,942            | \$24,754            | \$46,982,433    |
| \$119,795       | \$200,000   | 677            | \$152,573           | \$82,058            | \$55,553,530    |
| \$200,000       | \$9,999,999 | 561            | \$363,647           | \$152,148           | \$85,355,191    |
| Total           |             | 3,762          | \$131,490           | \$50,463            | \$189,842,585   |

## 2020 Final Reinsurance Amount by Claim Spend Level

| Incurred Claims |             |                | Average Incurred    | Average Reinsurance | ${f Aggregate}$ |
|-----------------|-------------|----------------|---------------------|---------------------|-----------------|
| Low Range       | High Range  | Enrollee Count | Claims Per Enrollee | Per Enrollee        | Reinsurance     |
| \$50,000        | \$52,508    | 155            | \$51,198            | \$958               | \$148,534       |
| \$52,508        | \$58,498    | 354            | \$55,457            | \$4,365             | \$1,545,383     |
| \$58,498        | \$119,795   | 1,761          | \$80,824            | \$24,659            | \$43,424,822    |
| \$119,795       | \$200,000   | 557            | \$153,704           | \$82,963            | \$46,210,511    |
| \$200,000       | \$9,999,999 | 452            | \$349,424           | \$152,392           | \$68,881,102    |
| Total           |             | 3,279          | \$126,091           | \$48,860            | \$160,210,351   |

### Notes:

- 1. Average Reinsurance Per Enrollee =  $\min\{(\text{Average Incurred Claims }\$50,000) \times 80\%, \$160,000\}.$
- 2. The claim intervals originate from the 1332 Waiver Application.



# Appendix A (Cont.) - Reinsurance Amount by Claim Spend Level

## 2019 Final Reinsurance Amount by Claim Spend Level

| Incurred Claims |             |                | Average Incurred    | Average Reinsurance | ${f Aggregate}$ |
|-----------------|-------------|----------------|---------------------|---------------------|-----------------|
| Low Range       | High Range  | Enrollee Count | Claims Per Enrollee | Per Enrollee        | Reinsurance     |
| \$50,000        | \$52,508    | 177            | \$51,219            | \$975               | \$172,613       |
| \$52,508        | \$58,498    | 389            | \$55,448            | \$4,358             | \$1,695,271     |
| \$58,498        | \$119,795   | 1,678          | \$80,984            | \$24,787            | \$41,592,460    |
| \$119,795       | \$200,000   | 527            | \$152,994           | \$82,395            | \$43,422,371    |
| \$200,000       | \$9,999,999 | 412            | \$374,574           | \$152,373           | \$62,777,520    |
| Total           |             | 3,183          | \$126,132           | \$47,019            | \$149,660,234   |

## 2018 Final Reinsurance Amount by Claim Spend Level

| Incurred Claims |             |                | Average Incurred    | Average Reinsurance | ${f Aggregate}$ |
|-----------------|-------------|----------------|---------------------|---------------------|-----------------|
| Low Range       | High Range  | Enrollee Count | Claims Per Enrollee | Per Enrollee        | Reinsurance     |
| \$50,000        | \$52,508    | 173            | \$51,263            | \$1,010             | \$174,801       |
| \$52,508        | \$58,498    | 359            | \$55,413            | \$4,330             | \$1,554,606     |
| \$58,498        | \$119,795   | 1,513          | \$81,257            | \$25,005            | \$37,833,247    |
| \$119,795       | \$200,000   | 522            | \$150,761           | \$80,609            | \$42,077,922    |
| \$200,000       | \$9,999,999 | 358            | \$360,572           | \$152,190           | \$54,483,936    |
| Total           |             | 2,925          | \$122,901           | \$46,538            | \$136,124,512   |

### Notes:

- 1. Average Reinsurance Per Enrollee =  $\min\{(\text{Average Incurred Claims }\$50,000) \times 80\%, \$160,000\}.$
- $2. \ \,$  The claim intervals originate from the 1332 Waiver Application.



# Appendix B - Enrollee Count by HCC

Limited to HCCs with at least 100 Enrollees

This appendix is left blank because no HCC had more than 100 enrollees using issuer provided data.



# Appendix C - Estimated Reinsurance Amount and Claimants by Product

| Carrier        | Product ID | Product Name                      | Exchange Status | Claimants | Reinsurance |
|----------------|------------|-----------------------------------|-----------------|-----------|-------------|
| UCare          | 85736MN023 | UCare Individual and Family Plans | On-Exchange     | 193       | \$5,852,817 |
| HealthPartners | 34102MN001 | GHI On Exchange                   | On-Exchange     | <100      | \$2,973,921 |
| HealthPartners | 34102MN007 | GHI AM Off Exchange               | Off-Exchange    | <100      | \$2,140,519 |
| Medica         | 31616MN042 | Medica Applause                   | On-Exchange     | <100      | \$1,417,320 |
| Medica         | 31616MN044 | Engage by Medica                  | On-Exchange     | <100      | \$1,307,419 |
| Blue Plus      | 57129MN054 | Blue Plus Minnesota Value         | On-Exchange     | <100      | \$918,686   |
| Blue Plus      | 57129MN053 | Blue Plus Minnesota Value         | Off-Exchange    | <100      | \$762,288   |
| Medica         | 31616MN042 | Medica Applause                   | Off-Exchange    | <100      | \$456,407   |
| Blue Plus      | 57129MN015 | Blue Plus Southeast               | On-Exchange     | <100      | \$346,423   |
| Blue Plus      | 57129MN008 | Blue Plus Metro                   | Off-Exchange    | <100      | \$338,269   |
| Medica         | 31616MN044 | Engage by Medica                  | Off-Exchange    | <100      | \$256,555   |
| Blue Plus      | 57129MN009 | Blue Plus Metro                   | On-Exchange     | <100      | \$204,475   |
| Medica         | 31616MN045 | Altru Prime by Medica             | On-Exchange     | <100      | \$155,113   |
| Medica         | 31616MN043 | North Memorial Acclaim by Medica  | Off-Exchange    | <100      | \$124,370   |
| Medica         | 31616MN047 | Bold by M Health Fairview         | On-Exchange     | <100      | \$98,180    |

- 1. Products with less than 100 claimants are labeled as < 100 due to protected health information (PHI) reasons.
- 2. The *Claimants* column counts enrollees that transfer between products more than once. As a result, the total claimants in this section may differ from the enrollee count shown in Table 1.
- 3. The coinsurance for BY2022 is 60%. For BY2018 through BY2021, the coinsurance was 80%. As a result, this table is not directly comparable to previous reports without adjustment.



# Appendix C (Cont.) - Estimated Reinsurance Amount and Claimants by Product

| Carrier        | Product ID | Product Name                     | Exchange Status      | ${f Claimants}^2$ | Reinsurance  |
|----------------|------------|----------------------------------|----------------------|-------------------|--------------|
| Medica         | 31616MN021 | Medica Value                     | Off-Exchange         | <100              | \$85,504     |
| Blue Plus      | 57129MN014 | Blue Plus Southeast              | Off-Exchange         | <100              | \$74,012     |
| PreferredOne   | 88102MN021 | Summit/Savers/Ultimate           | Off-Exchange         | <100              | \$66,412     |
| Medica         | 31616MN043 | North Memorial Acclaim by Medica | On-Exchange          | <100              | \$39,265     |
| Medica         | 31616MN047 | Bold by M Health Fairview        | Off-Exchange         | <100              | \$36,960     |
| Quartz         | 70373MN004 | Individual HMO                   | On-Exchange          | <100              | \$36,667     |
| PreferredOne   | 88102MN001 | PreferredHealth                  | Off-Exchange         | <100              | \$15,430     |
| HealthPartners | 34102MN008 | GHI NAM Off Exchange - HP Ind    | Off-Exchange         | <100              | \$7,245      |
|                |            |                                  | Total (All Carriers) | 615               | \$17,417,256 |

### Notes:

- 1. Products with less than 100 claimants are labeled as < 100 due to protected health information (PHI) reasons.
- 2. The *Claimants* column counts enrollees that transfer between products more than once. As a result, the total claimants in this section may differ from the enrollee count shown in Table 1.
- 3. The coinsurance for BY2022 is 60%. For BY2018 through BY2021, the coinsurance was 80%. As a result, this table is not directly comparable to previous reports without adjustment.

# **Appendix D - Minnesota Rating Regions**

