## Responses to Objections Round 4 (Received on 11/1/2022)

Objection 1 -

## Comments:

The proposed factors in " 2022 CHLIC - VT Side by Side v3.xlsx" for Medical Utilization Dampening "other" category do not match the corresponding Table 8 in the rate manual. Please reconcile this difference and ensure that all factors or costs in the side by side exhibit match the submitted rate manual.

## Response:

The Medical Utilization Dampening proposed values in 2022 CHLIC - VT Side by Side v4.xlsx have been corrected to match Table 8 in the rate manual.

## Objection 2 -

## Comments:

The prior response states that medical offering loads are being removed. However, they are still present in the rate manual in Table 19. Please reconcile this difference and provide an updated rate manual or side-by-side exhibit as necessary.

## Response:

Only Multiple Offering Load - Medical Savings (previously table 34) has been removed and replaced with table 24 Network Utilization Adjustment. Table 19 Multiple Offer Load - Medical Load (previously table 24) is kept and still in use. The actuarial memorandum has been updated to remove the comment on medical offering loads being removed.

## Objection 3 -

## Comments:

The prior response states that capitation percentages are being removed. However, page 6 of the rate manual discusses using capitation percentages from Table 22. Please reconcile this difference and provide an updated rate manual as necessary. Further, please explain how the premium rate will account for capitation and include such determination in the rate manual.

## Response:

The capitation percentages from Table 22 have been removed because the values are now all $0 \%$. Section 2.4 Industry Load of page 6 of the rate manual states:

Select the appropriate industry load from Table 13 - Industry Load based on the Standard Industrial Classification code of the member being priced.

If applicable, determine the capitation percentage from Table 22 - Medical Trend and Capitation.

$$
\text { Adjusted Industry Load }=[\text { Industry Load }-1] \times[1-\text { Capitation Percentage }]
$$

Applied Industry Load $=1+$ Adjusted Industry Load
Multiply the industry load by the claims in Step 2.3.

Despite capitation percentage still being referenced in this section, it is no longer applicable or a value of 0 would be used so the Applied Industry Load is no longer being adjusted by a capitation percentage.

## Comments:

Regarding the response to question \#3 of the prior objection - when comparing this table to the one filed in the prior filing, the Rx trend increases from $6.4 \%$ to $8.5 \%$. Please provide support and justification for this increase in Rxtrend.

## Response:

The GMCB ordered 2020 Rx trends to be reduced from $6.8 \%$ to $6.1 \%$, but $6.4 \%$ was not submitted as the $R x$ trend so please clarify the source of the $6.4 \%$ Rx trend. The same table from the prior approved filing and from objection round 3 question 3 have been replicated below:

Prior approved filing:

| Category | Average VT Sitused <br> Change in Trend | $\mathbf{2 0 2 0}$ <br> Medical <br> Trend | $\mathbf{2 0 2 0} \mathbf{R x}$ <br> Trend | Weight <br> Medical | Weight <br> $\mathbf{R x}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Cost | $3.1 \%$ | $2.5 \%$ | $6.1 \%$ | $82.6 \%$ | $17.4 \%$ |
| Utilization | $1.9 \%$ | $2.2 \%$ | $0.6 \%$ | $82.6 \%$ | $17.4 \%$ |
| Mix | $1.3 \%$ | $1.6 \%$ | $0.0 \%$ | $82.6 \%$ | $17.4 \%$ |
| Claims Trend | $6.5 \%$ | $6.4 \%$ | $6.8 \%$ | $82.6 \%$ | $17.4 \%$ |

Objection Round 3 Question \#3:

| Category | VT Situs 2023 Total <br> Trend | 2023 Medical <br> Trend | 2023 Rx <br> Trend | Weight <br> Medical | Weight <br> $\mathbf{R x}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Cost | $4.7 \%$ | $3.8 \%$ | $8.8 \%$ | $82.50 \%$ | $17.50 \%$ |
| Utilization | $1.3 \%$ | $1.7 \%$ | $-0.3 \%$ | $82.50 \%$ | $17.50 \%$ |
| Mix | $1.3 \%$ | $1.6 \%$ | $0.0 \%$ | $82.50 \%$ | $17.50 \%$ |
| Claims Trend | $7.5 \%$ | $7.3 \%$ | $8.5 \%$ | $82.50 \%$ | $17.50 \%$ |

Note that Rxtrend from the prior approved filing refersto 2020 whereas the prior objection response refers to 2023 so they cannot be directly compared as they refer to different time periods.

In the prior filing's second round of objections \#3, the following Rx trend development was provided

| $\mathbf{2 0 2 0}$ | Generic | Brand | Specialty | Total |
| :---: | :---: | :---: | :---: | :---: |
| Unit Cost | $2.9 \%$ | $11.8 \%$ | $20.1 \%$ | $6.1 \%$ |
| Utilization | $2.1 \%$ | $-10.1 \%$ | $-5.6 \%$ | $0.6 \%$ |
| Total | $5.1 \%$ | $0.5 \%$ | $13.4 \%$ | $6.8 \%$ |

The same exhibit for 2023 Rx trend is provided below:

| $\mathbf{2 0 2 3}$ | Generic | Brand | Specialty | Total |
| :--- | :---: | :---: | :---: | :---: |
| Unit Cost | $3.3 \%$ | $17.5 \%$ | $8.5 \%$ | $8.8 \%$ |
| Utilization | $0.8 \%$ | $-8.5 \%$ | $5.6 \%$ | $-0.3 \%$ |
| Total | $4.2 \%$ | $7.5 \%$ | $14.7 \%$ | $8.5 \%$ |

The primary driver is within brand drugs where both unit cost drugs and utilization trends are higher in 2023 than 2020. Restating the same 2020 Rx trends with the latest assumptions also shows that brand drugs are the primary driver in higher Rxtrends:

| Latest 2020 | Generic | Brand | Specialty | Total |
| :---: | :---: | :---: | :---: | :---: |
| Unit Cost | $5.3 \%$ | $7.2 \%$ | $30.7 \%$ | $9.9 \%$ |
| Utilization | $0.9 \%$ | $3.0 \%$ | $-9.3 \%$ | $1.0 \%$ |
| Total | $6.3 \%$ | $10.3 \%$ | $18.5 \%$ | $10.9 \%$ |

In general, Rxtrend is reviewed quarterly and we consider emerging experience, projections of new pipeline drugs, new generic launches, and formulary changes. Since the previous filing we have updated our trends to reflect actual experience for 2021 and earlier and updated our projections to reflect our latest best estimate. Additionally, at the time the previous filing assumptions were set we didn't yet have a full 2022/23 projection, so it was assumed to behave similar to 2021.

Medical Network Utilization Adjustment

| Current Factors <br> Table 30 - POS Load Coefficients |  |  | Equation Coefficients |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Area Description | Rating Area | Product | A | B ${ }^{\text {a }}$ | c |
| VT, VERMONT | VTNWK1 | NWK | 0.25 | 0.24 | 0.09 |
| VT, VERMONT | vTOAP1 | OAP | 0.25 | 0.24 | 0.09 |
| VT, VERMONT | VTPP01 | PPO | 0.25 | 0.24 | 0.09 |



Changes
Methodology change requiring differen

Multiple Offering Load - Medical Savings
table is being removed
Current Factors

| State | Minimum | Maxmium |
| :--- | :--- | :--- |
| VT |  | 1.04 |

Proposed Factors

| State | Minimum | Maxmium |
| :--- | :---: | :---: |
| VT | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |

Changes Removing these factors

Trend
Medical Trend - Unleveraged

|  |  |  |  |  | Current |  |  |  |  | Prop | posed |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area Description | Rating Area | Product | \% Capitated | 202012019 | 2021/2020 | 202212021 | 2023+12022 | \% Capitated | 202012019 | 2021/2020 | 202212021 | 2023+12022 | \% Capitated | 202012019 | 2021/2020 | 202212021 | 2023+12022 |
| VT, VERMONT | VTNWK1 | NWK | 3.82\% | 7.96\% | 6.87 | 6.87\% | 6.87\% | N/A | 1\% | 10.49\% | 6.92\% | 7.58\% | Removed | 1.45\% | 3.62\% | 0.05\% | 0.71\% |
| VT, VERMONT | VTOAP1 | OAP |  | 7.96\% | 6.87\% | 6.87\% | 6.87\% | N/A | 9.41\% | 10.49\% | 6.92\% | 7.58\% | Removed | 1.45\% | 3.62\% | 0.05\% | 0.71\% |
| VT, VERMONT | VTPPO1 | PPO |  | 7.96\% | 6.87\% | 6.87\% | 6.87\% | N/A | 9.41\% | 10.49\% | 6.92\% | 7.58\% | Removed | 1.45\% | 3.62\% | 0.05\% | 0.71\% |

## Area Factors

## Medical Area Factors

|  |  | Current |  | Proposed |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
| Rating Area | Region | Product | Area Factor | Area Factor | Change |
| VTNWK1 | VT, VERMONT | NWK | 0.71 | 0.87 | $23 \%$ |
| VTOAP1 | OAP | 0.71 | 0.87 | $23 \%$ |  |
| VTPPO1 | VT, VERMONT | PPO | 0.73 | 0.90 | $23 \%$ |

MSC Weighting by SCC

| Current | Major Service Categories |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inpatient (Hospital) | Outpatient (Hospital) | ER | PCP | SCP | Other | Preventive |
| Facility | 83.50\% | 55.00\% | 100.00\% | 0.00\% | 0.00\% | 100.00\% | N/A |
| Professional | 16.50\% | 17.00\% | 0.00\% | 90.00\% | 81.00\% | 0.00\% | N/A |
| Lab | 0.00\% | 6.80\% | 0.00\% | 8.00\% | 3.60\% | 0.00\% | N/A |
| Radiology | 0.00\% | 10.20\% | 0.00\% | 2.00\% | 5.40\% | 0.00\% | N/A |
| Advanced Radiology (ARI) | 0.00\% | 11.00\% | 0.00\% | 0.00\% | 10.00\% | 0.00\% | N/A |
|  |  |  |  |  |  |  |  |
| Proposed | Major Service Categories |  |  |  |  |  |  |
| Sub-Cost Categories | Inpatient (Hospital) | Outpatient (Hospital) | ER | PCP | SCP | Other | Preventive |
| Facility | 70.50\% | 58.10\% | 100.00\% | 0.00\% | 0.00\% | 100.00\% | 0.00\% |
| Professional | 29.50\% | 10.40\% | 0.00\% | 97.40\% | 78.40\% | 0.00\% | 100.00\% |
| Lab | 0.00\% | 13.30\% | 0.00\% | 1.00\% | 6.20\% | 0.00\% | 0.00\% |
| Radiology | 0.00\% | 8.50\% | 0.00\% | 1.60\% | 9.40\% | 0.00\% | 0.00\% |
| Advanced Radiology (ARI) | 0.00\% | 9.70\% | 0.00\% | 0.00\% | 6.10\% | 0.00\% | 0.00\% |
| Change | Major Service Categories |  |  |  |  |  |  |
|  | Inpatient (Hospital) | Outpatient (Hospital) | ER | PCP | SCP | Other | Preventive |
| Facility | -13.00\% | 3.10\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| Professional | 13.00\% | -6.60\% | 0.00\% | 7.40\% | -2.60\% | 0.00\% | 0.00\% |
| Lab | 0.00\% | 6.50\% | 0.00\% | -7.00\% | 2.60\% | 0.00\% | 0.00\% |
| Radiology | 0.00\% | -1.70\% | 0.00\% | -0.40\% | 4.00\% | 0.00\% | 0.00\% |
| Advanced Radiology (ARI) | 0.00\% | -1.30\% | 0.00\% | 0.00\% | -3.90\% | 0.00\% | 0.00\% |

Preventive Care Child Age Adjustment
Current

| Elected Child Age | Portion of Preventive Care Base Claim <br> Cost |
| :--- | :--- |
| $\leq 2$ | 0.16 |
| 3 to 64 | Linearly interpolate between 0.16 at 2 and <br> 1.0 at 65 |
| $\geq 65$ | 1 |


| Proposed |  |
| :---: | :---: |
| Elected Child Age | Portion of Preventive Care Base Claim Cost |
| 0 | 0.0307 |
| 1 | 0.0635 |
| 2 | 0.0972 |
| 3 | 0.1316 |
| 4 | 0.167 |
| 5 | 0.2039 |
| 6 | 0.2414 |
| 7 | 0.2794 |
| 8 | 0.3176 |
| 9 | 0.3561 |
| 10 | 0.3954 |
| 11 | 0.4357 |
| 12 | 0.4771 |
| 13 | 0.5202 |
| 14 | 0.5636 |
| 15 | 0.607 |
| 16 | 0.6509 |
| 17 | 0.6955 |
| 18 | 0.7393 |
| 19 | 0.7821 |
| 20 | 0.8249 |
| 21 | 0.8661 |
| 22 | 0.9048 |
| 23 | 0.9401 |
| 24 | 0.9719 |
| 25 | 1 |

Change

|  |
| :--- |
|  |

## Medical Effective Deductible Adjustmen



| Proposed |  | Plan Deductible |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 0 | 50 | 100 | 150 | 200 |  | 300 | 400 | 500 | 750 | 1000 |  | 1500 | 2000 | 2250 | 2500 | 3000 |
|  | 1 | 1 | ${ }^{0.445}$ | ${ }^{0.434}$ | ${ }^{0.435}$ |  | ${ }^{0.436}$ | 0.438 | 0.44 | 0.444 | 0.454 |  | 0.462 | 0.479 | 0.499 | 0.506 | 0.514 | ${ }^{0.528}$ |
|  | ${ }^{1.25}$ | 1 | ${ }^{0.505}$ | ${ }^{0.518}$ | ${ }^{0.518}$ |  | ${ }^{0.517}$ | ${ }^{0.517}$ | ${ }^{0.521}$ | ${ }^{0.538}$ | ${ }^{0.554}$ |  | ${ }^{0.568}$ | ${ }^{0.5933}$ | ${ }^{0.614}$ | 0.623 | 0.632 | 0.649 |
|  | ${ }_{1.75}^{1.5}$ | 1 | ${ }^{0.697}$ | ${ }^{0.697}$ | ${ }^{0.697}$ |  | ${ }^{0.61}$ | ${ }_{0}^{0.705}$ | ${ }_{0}^{0.713}$ | ${ }_{0}^{0.722}$ | ${ }_{0}^{0.047} 0$ |  | ${ }^{0.756}$ | ${ }_{0}^{0.782}$ | ${ }_{0}^{0.780}$ | ${ }_{0}^{0.815}$ | ${ }_{0.825}^{0.735}$ | -0.84 |
|  | 2 | 1 | 0.799 | 0.799 | 0.799 |  | 0.801 | 0.802 | 0.804 | 0.807 | 0.817 |  | 0.834 | 0.854 | 0.874 | 0.883 | 0.89 | 0.905 |
|  | 2.25 | 1 | 0.826 | 0.832 | 0.831 |  | 0.836 | 0.838 | 0.844 | 0.854 | 0.87 |  | 0.885 | 0.907 | 0.925 | 0.932 | 0.939 | 0.95 |
|  | 2.5 2.5 | 1 | 0.89 | 0.89 | 0.872 |  | ${ }^{0.877}$ | 0.884 | ${ }^{0.892}$ | 0.9 | ${ }^{0.916}$ |  | ${ }^{0.928}$ | ${ }^{0.945}$ | ${ }^{0.961}$ | ${ }^{0.966}$ | 0.97 | ${ }^{0.978}$ |
|  | ${ }^{2.75}$ | 1 | -0.945 | ${ }^{0.945}$ | 0.995 |  | ${ }^{0.945}$ | ${ }^{0.945}$ | ${ }^{0.9945}$ | ${ }_{\text {0, }}^{0.945}$ | ${ }^{0.953}$ |  | ${ }_{0}^{0.962}$ | 0.974 0.955 0.95 | ${ }^{0.983}$ | 0.986 | 0.99 | 0.995 |
|  | 3.25 | 1 | ${ }_{0}^{0.973}$ | ${ }_{0}^{0.973}$ | 0.973 |  | 0.973 | 0.978 | 0.983 | 0.995 | . 9 |  | 1 | 1 | 1 | 1 | 1 |  |
|  | $\begin{array}{r}3.5 \\ 3.5 \\ \hline\end{array}$ | 1 | ${ }_{1}^{1}$ | 1 | 1 |  | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | ${ }_{1}^{1}$ |  |
|  | 3.75 4 | 1 <br> 1 | 1 <br> 1 | ${ }_{1}^{1}$ |  |  | 1 | 1 |  | 1 | 1 |  | 1 | 1 1 1 | 1 |  | 1 |  |
|  |  | 3500 |  | 4500 | 5000 | 5500 |  | 6000 | 6500 | 6850 | 7000 | 7500 |  | 8000 | 8500 | 9000 | 9500 | ${ }_{10000}^{10.648}$ |
|  | ${ }^{1}$ | ${ }_{0}^{0.54}$ | ${ }_{0.55}^{0.55}$ | ${ }^{0.5611}$ | 0.572 |  | 0.581 | 0.591 | 0.599 | 0.607 | 0.615 |  | 0.615 | ${ }^{0.623}$ | ${ }^{0.63}$ | 0.638 | 0.645 |  |
|  | 1.25 1.5 1 | ${ }_{0}^{0.665}$ | 0.688 | 0.692 | 0.705 |  | ${ }^{0.71}$ | ${ }_{0}^{0.715}$ | ${ }^{0.7355}$ | ${ }^{0.745}$ | 0.745 |  | 0.753 | ${ }^{0.76}$ | 0.769 | ${ }_{0}^{0.788}$ | ${ }_{0}^{0.786}$ | 0.793 0.889 |
|  | 1.75 | ${ }_{0}^{0.857}$ | ${ }_{0}^{0.8688}$ | ${ }_{0}^{0.878}$ | ${ }_{0}^{0.884}$ |  | ${ }_{0.893}$ | ${ }_{0}^{0.901}$ | ${ }_{0}$ | ${ }_{0.913}^{0.960}$ | ${ }_{0}^{0.915}$ |  | ${ }^{0.9522}$ | ${ }_{0}^{0.927}$ | - ${ }_{0}^{0.939}$ | ${ }_{0}^{0.974}$ | ${ }_{0}^{0.894}$ | - |
|  | 2 | 0.916 | 0.928 | 0.935 | 0.943 |  | 0.949 | 0.957 | 0.96 | 0.965 | 0.967 |  | 0.972 | 0.975 | 0.977 | 0.982 | 0.984 | 0.986 |
|  | 2.25 <br> 2.5 | -0.956 ${ }_{0}^{0.983}$ | (0.968 ${ }_{0}^{0.989}$ | -0.973 | ${ }_{0}^{0.9777}$ |  | ${ }^{0.982}$ | 0.986 1 | 0.989 1 | ${ }^{0.991}$ | 0.992 1 |  | ${ }^{0.995}$ | 0.995 <br> 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 |  |
|  | 2.5 2.75 | 0.983 1 | 0.989 1 | 0.995 1 | ${ }_{1}^{0.995}$ |  | 1 | ${ }_{1}^{1}$ | 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ |  | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ |  |
|  | 2. 3 3.25 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  |
|  | 3.25 <br> 3.5 | 1 | ${ }_{1}^{1}$ | 1 | 1 |  | ${ }_{1}^{1}$ | 1 | 1 | 1 | ${ }_{1}^{1}$ |  | 1 | 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 |
|  | 3.75 4 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | ${ }_{1}^{1}$ |  |
|  |  | 10500 | 11000 | 11500 | 12000 | 12500 |  | 13000 | 13500 | 14000 | 14500 | 15000 |  | 17000 | 20000 | Unlimited |  |  |
|  | 1 | ${ }^{0.656}$ | ${ }^{0.663}$ | ${ }^{0.669}$ | ${ }^{0.674}$ |  | ${ }^{0.68}$ | 0.685 | 0.69 | 0.696 | 0.7 |  | ${ }^{0.705}$ | ${ }^{0.723}$ | ${ }^{0.746}$ | 1 |  |  |
|  | 1.25 | 0.8 | 0.807 | 0.812 | 0.818 |  | 0.823 | 0.829 | 0.834 | 0.839 | 0.844 |  | 0.849 | 0.867 | 0.888 | 1 |  |  |
|  | 1.5 | ${ }^{0.894}$ | ${ }^{0.896}$ | ${ }^{0.902}$ | 0.907 |  | 0.911 | ${ }^{0.916}$ | 0.92 | ${ }^{0.924}$ | ${ }^{0.927}$ |  | ${ }^{0.933}$ | ${ }^{0.943}$ | ${ }^{0.958}$ | 1 |  |  |
|  | 1.75 | 0.951 | 0.954 | ${ }^{0.958}$ | 0.962 |  | 0.966 | 0.968 | 0.971 | ${ }^{0.973}$ | 0.978 |  | 0.98 | ${ }^{0.988}$ | 1 | 1 |  |  |
|  | 2 | 0.99 | 0.992 | 0.995 | 0.995 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | 2.25 <br> 2.5 <br> 1 | 1 | 1 1 | 1 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | 2.75 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | , | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | 3.25 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | ${ }^{3.5}$ | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |
|  | 3.75 4 | 1 | ${ }_{1}^{1}$ | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 |  |  |

CHANGE
Depends on variety of plan benefits

| Curent |  | 0 | 500 | 1000 | 1500 | 2000 |  | 3000 | 4000 | 5000 | ${ }^{\text {che }}$ | 10000 |  | 15000 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{1}^{125}$ | ${ }_{1}^{1}$ | ${ }_{0}^{0.92}$ | ${ }_{0}^{0.92}$ | ${ }^{0.92}$ |  | ${ }_{0}^{0.92}$ | ${ }_{0.93}^{0.92}$ | ${ }_{0.93}^{0.92}$ | － | ${ }_{0.94}^{0.93}$ |  | ${ }_{0}^{0.94}$ | ${ }_{0}^{0.95}$ | ${ }^{0.955}$ | ${ }^{0.966}$ | ${ }_{0}^{0.97}$ | ${ }_{0}^{0.97}$ | 0．98 | 0.99 | 50000 |
|  | ${ }_{1.5}^{1.5}$ | 1 | ${ }_{0.93}$ | 0.93 | ${ }_{0} 0.94$ |  | ${ }_{0} 0.94$ | ${ }_{0} .94$ | 0.94 | 0.94 | ${ }_{0} 0.94$ |  | ${ }_{0}^{0.95}$ | ${ }_{0.96}$ | 0.96 | ${ }_{0} .997$ | 0.97 | ${ }_{0} 0.98$ | ${ }_{0}^{0.99}$ | ${ }_{0}^{0.99}$ |  |
| 等 | 1.75 | 1 | 0.94 | 0.94 | 0.94 |  | 0.94 | 0.95 | 0.95 | 0.95 | 0.95 |  | 0.96 | 0.96 | 0.97 | 0.97 | 0.98 | 0.98 | 0.99 | 1 |  |
| 年 | ${ }_{2}^{2} 25$ | 1 | ${ }_{0}^{0.95}$ | 0.95 0.96 | 0.95 0.96 |  | 0.95 0.96 | ${ }_{0}^{0.95}$ | ${ }_{0}^{0.95}$ | ${ }_{0}^{0.96}$ | ${ }_{0}^{0.96}$ |  | ${ }_{0}^{0.96}$ | ${ }_{0}^{0.97}$ | 0.97 0.98 | 0.98 0.99 | ${ }_{0}^{0.99}$ | ${ }_{0}^{0.99}$ | ${ }_{0}^{0.99}$ | ${ }_{1}^{1}$ |  |
| 을 | ${ }_{2}^{225}$ | 1 | ${ }_{0.97}$ | ${ }_{0.97}$ | 0．97 |  | ${ }_{0}^{0.97}$ | ${ }_{0.97}$ | 0.97 | 0.97 | ${ }_{0.98}$ |  | ${ }_{0}^{0.99}$ | ${ }_{0}^{0.99}$ | ${ }_{0} 0.99$ |  |  | 1 | 1 | 1 |  |
| 首 | ${ }^{275}$ | 1 | 0.97 | 0.98 | 0.98 |  | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |  | 0.99 | 0.99 | 0.99 | 1 | 1 | 1 | 1 | 1 |  |
| 4 | ${ }_{3.25}^{3 .}$ | 1 | ${ }_{0}^{0.988}$ | 0.989 0.99 | 0.98 0.99 |  | 0.99 0.99 | 0.99 0.99 | ${ }_{0}^{0.99}$ | 0.99 0.99 | 0.99 0.99 |  | －0．99 | ${ }_{0}^{0.99}$ | 0.99 | 1 | 1 | 1 | 1 | 1 |  |
| 謜 | $\begin{array}{r}3.5 \\ 3 \\ \hline 75\end{array}$ | 1 | 0.99 | 0.99 | ${ }^{0.99}$ |  | 0.99 | 0.99 | 0.99 | 0.99 | ${ }^{0.99}$ |  | 0.99 | 1 | 1 | 1 | ＋ | 1 | 1 | 1 |  |
|  | 3.75 4 |  | ${ }_{0}^{0.99}$ | 0.99 0.99 | 0.99 0.99 |  | 0.99 0.99 | 0.99 0.99 | ${ }_{0}^{0.99}$ | 0.99 0.99 | 0.99 1 |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Proposed ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | no | Pm |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }^{250} 0.484$ | ${ }_{500}^{50.884}$ | 1000 | ${ }_{\substack{1500 \\ 0.484}}$ | 2000 | \％ | ${ }^{2500}$ | ${ }^{3000} 0.51$ | ${ }^{4000}$ | ${ }_{5000}^{0.59}$ | 5500 | 603 | ${ }_{6000} 0.618$ | ${ }^{6500} 0.621$ | ${ }^{7000} 0$ | ${ }^{8000} 0$ | ${ }^{9000}$ |  |  |  |
|  | 1.25 | 0.529 | ${ }_{0} 0.529$ | 0.529 | 0.529 |  | 0.55 | 0.571 | ${ }_{0}^{0.612}$ | 0.637 | 0.654 |  | 0.665 | ${ }_{0}^{0.672}$ | 0.678 | 0.684 | 0.711 | 0.72 |  |  |  |
|  | ${ }^{1.5}$ | ${ }^{0.627}$ | ${ }^{0.627}$ | 0.629 | 0.628 |  | 0.645 | 0.669 | 0.705 | ${ }^{0.728}$ | 0.74 |  | 0.748 | 0.77 | 0.779 | 0.784 | 0.791 | 0.804 |  |  |  |
|  | ${ }_{2}^{175}$ | ${ }_{\text {c }}^{0.751}$ | ${ }_{\substack{0.731 \\ 0.79}}^{0.95}$ | ${ }^{0.734} 0.793$ | ${ }^{0.7366}$ |  | ${ }^{0.7856}$ | ${ }_{\substack{0 \\ 0.7824}}^{0.777}$ | －0．882 | ${ }_{0}^{0.8178}$ | ${ }_{0}^{0.831}$ |  | ${ }^{0.8344}$ | 0.845 0.871 | ${ }_{0}^{0.8576}$ | ${ }_{0}^{0.855}$ | 0.863 0.883 | 0.87 0.886 |  |  |  |
|  | 2.25 25 25 | ${ }_{\substack{0.871 \\ 0.897}}$ | ${ }_{\substack{0.871 \\ 0.897}}$ | ${ }_{\substack{0.873 \\ 0.901}}$ | 0．876 <br> 0.955 <br> 0.05 |  | ${ }^{0.0886}$ |  | ${ }^{0} 0.9059$ | ${ }^{0.912}$ | 0.917 |  | ${ }^{0.921}$ | 0.925 | 0.929 | ${ }_{0}^{0.933}$ | ${ }^{0.9377}$ | 0.99 |  |  |  |
|  | 2.5 2.75 | ${ }_{\substack{0.897 \\ 0.99}}^{0.07}$ | ${ }_{0}^{0.897}$ | －${ }_{0}^{0.901}$ | ${ }_{0}^{0.9095}$ |  | ${ }_{0}^{0.9092}$ | ${ }_{0}^{0.9093}$ | ${ }_{0}^{0.939}$ | ${ }_{\text {a }}^{0.993}$ | ${ }_{0}^{0.9946}$ |  | ${ }^{0.947}$ | －0．95 | ${ }^{0.96}$ |  |  | 0.99 |  |  |  |
|  | 3 | ${ }^{0.996}$ | ${ }^{0.996}$ | ${ }^{0.996}$ | ${ }^{0.9996}$ |  | 0.996 | 0．996 | ${ }^{0.996}$ | 0.997 | 0.998 |  | 0.999 | 1 | 1 | 1 | 1 | 1 |  |  |  |
|  | 3.25 3.5 | －0．996 | －0．996 | ${ }_{0}^{0.9996}$ | ${ }_{0}^{0.9966}$ |  | － 0.0966 | 0.996 0.996 | ${ }_{0}^{0.996}$ | ${ }_{0}^{0.999}$ | ${ }_{0}^{0.998}$ |  | ${ }^{0.9999}$ | 1 | 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ |  |  |  |  |
|  | ${ }_{3}^{3.75}$ |  | ${ }^{0.999}$ | ${ }_{0}^{0.999}$ | 0．999 |  | 0.999 | ${ }_{0}^{0.999}$ | ${ }_{0}^{0.999}$ | ${ }_{0}^{0.999}$ | 0．999 |  | 0．999 | 1 | 1 | 1 | 1 |  |  |  |  |
|  |  | 10000 | 11000 | 12000 | 13000 | 14000 |  | 15000 | 16000 | 17000 | 18000 | 19000 |  |  | 25000 | 30000 | 35000 | 4000 |  |  |  |
|  |  | ${ }^{0.739}$ | 0.639 | 0.641 |  |  | 0.665 |  | 0.686 |  |  |  | ${ }^{0.715}$ | 0.127 | 0.771 |  |  | 0.0 .346 |  |  |  |
|  | 1.25 1.5 1 | （0．739 | （e．756 | ${ }_{\substack{0 \\ 0.7874 \\ 0.826}}^{0.078}$ | ${ }_{\substack{0.791 \\ 0.84}}^{0.89}$ |  | ${ }^{0.0899}$ | ${ }_{\substack{0.827 \\ 0.862}}^{\text {a }}$ | $\stackrel{0.84}{1}$ | ${ }_{0}^{0.953}$ | ${ }^{0.866}$ |  | ${ }^{0.879}$ | ${ }_{0}^{0.892}$ | ${ }_{1}^{0.917}$ | ${ }_{1}^{1}$ | 1 |  |  |  |  |
|  | $\stackrel{1.75}{2}$ | ${ }_{0}^{0.879}$ | （0．883 | ${ }_{0}^{0.887}$ | ${ }_{0}^{0.991}$ |  | － 0.9 .984 | 0.898 0.909 | 1 | ${ }_{1}^{1}$ | 1 |  | 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 | 1 |  |  |  |  |
|  | 2． $\begin{aligned} & 2.25 \\ & 25\end{aligned}$ | －0．944 | － | ${ }_{\text {cose }}^{0.958}$ | ${ }^{0.901}$ |  | 0.95 | ${ }^{0} 0.9693$ | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |
|  | 2.5 2.75 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 |  | 1 | 1 | 1 | ${ }_{1}^{1}$ | 1 |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |
|  | 3 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |
|  | 3.5 3 3 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |
|  | 3.75 <br> 4 | 1 | ${ }_{1}^{1}$ | ${ }_{1}^{1}$ | 1 |  | 1 | 1 | 1 | 1 | 1 |  | 1 | ${ }_{1}^{1}$ | 1 | 1 | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{1}^{1} 125$ | ${ }^{0.966}$ | ${ }^{0.981}$ | 1 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1.5 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 175 2 | 1 | 1 | ${ }_{1}^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 225 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2.5 275 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{3}$ | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }^{3.25}$ | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3.5 3.75 | 1 | 1 | ${ }_{1}^{1}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CHange |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Medical Base Claims

| Current | Major Service Categories (dollars PMPM) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inpatient (IP) | Outpatient (OP) | Primary Care Physician (PCP) | Emergency <br> Room (ER) | Specialty Care Physician (SCP) | Other | Preventive Care |
| Experience-Rated In-Network | 126.99 | 172.32 | 19.5 | 32.17 | 84.1 | 10.93 | 21.58 |
| Experience-Rated Out-of-Network | 184.13 | 249.87 | 28.28 | 46.65 | 121.95 | 15.85 | 31.29 |


| Proposed | Major Service Categories (dollars PMPM) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inpatient (IP) | Outpatient (OP) | Primary Care Physician (PCP) | Emergency Room (ER) | Specialty Care Physician (SCP) | Other | Preventive Care |
| Experience-Rated In-Network | \$128.18 | \$156.66 | \$14.92 | \$29.36 | \$62.75 | \$6.68 | \$18.45 |
| Experience-Rated Out-of-Network | \$2.48 | \$6.52 | \$1.23 | \$0.08 | \$4.68 | \$0.64 | \$0.37 |


| Change | Major Service Categories (dollars PMPM) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Inpatient (IP) | Outpatient (OP) | Primary Care Physician (PCP) | Emergency <br> Room (ER) | Specialty Care Physician (SCP) | Other | Preventive Care |
| Experience-Rated In-Network | 0.9\% | -9.1\% | -23.5\% | -8.7\% | -25.4\% | -38.9\% | -14.5\% |
| Experience-Rated Out-of-Network | -98.7\% | -97.4\% | -95.7\% | -99.8\% | -96.2\% | -96.0\% | -98.8\% |



|  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Medical Combine <br> Nat Combined <br> Not Combined |  | ［comanase of |  |  |  |  |  |  | ${ }^{\text {oner }}$ | ＋ |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| mome |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| mome |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| neme |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| （1） |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 毞 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 毞 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 毞 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 毞 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 等 |  |  |  |  |  |  |  |  |  |  |  |
| 为 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

CURRENT

| Deductible Mutipipler | Deductible | ${ }^{\text {Avg. Family Size: } 2}$ | Avg. Family Size: 3 | Avg. Family Size: 4 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 0 | 1 | 1 | 1 |
| 1 | 50 | 0.635 | 0.441 | 0.352 |
| 1 | 100 | 0.63 | 0.437 | 0.335 |
| 1 | 150 | 0.633 | 0.437 | 0.334 |
| 1 | 200 | 0.633 | 0.439 | 0.335 |
| 1 | 300 | 0.635 | 0.441 | 0.338 |
| 1 | 400 | 0.639 | 0.444 | 0.339 |
| 1 | 500 | 0.644 | 0.447 | 0.342 |
| 1 | 750 | 0.657 | 0.459 | 0.349 |
| 1 | 1000 | 0.663 | 0.47 | 0.358 |
| 1 | 1500 | 0.688 | 0.489 | 0.369 |
| 1 | 2000 | 0.708 | 0.508 | 0.389 |
| 1 | 2250 | 0.714 | 0.518 | 0.396 |
| 1 | 2500 | 0.719 | 0.528 | 0.404 |
| 1 | 3000 | 0.731 | 0.54 | 0.421 |
| 1 | 3500 | 0.744 | 0.552 | 0.431 |
| 1 | 4000 | 0.754 | 0.565 | 0.441 |
| 1 | 4500 | 0.762 | 0.577 | 0.452 |
| 1 | 5000 | 0.772 | 0.588 | 0.463 |
| 1 | 5500 | 0.78 | 0.597 | 0.474 |
| 1 | 6000 | 0.787 | 0.608 | 0.484 |
| 1 | 6500 | 0.795 | 0.616 | 0.492 |
| 1 | 6850 | 0.8 | 0.625 | 0.502 |
| 1 | 7000 | 0.807 | 0.632 | 0.511 |
| 1 | 7500 | 0.807 | 0.632 | 0.511 |
| 1 | 8000 | 0.813 | 0.641 | 0.519 |
| 1 | 8500 | 0.818 | 0.648 | 0.527 |
| 1 | 9000 | 0.824 | 0.656 | 0.535 |
| 1 | 9500 | 0.828 | 0.66 | 0.545 |
| 1 | 10000 | 0.829 | 0.666 | 0.549 |
| 1 | 10500 | 0.833 | 0.674 | 0.559 |
| 1 | 11000 | 0.838 | 0.681 | 0.566 |
| 1 | 11500 | 0.843 | 0.69 | 0.572 |
| 1 | 12000 | 0.846 | 0.69 | 0.579 |
|  | 12500 | 0.851 | 0.7 | 0.584 |
| 1 | 13000 | 0.854 | 0.706 | 0.59 |
| 1 | 13500 | 0.857 | 0.712 | 0.596 |
|  | 14000 | 0.861 | 0.718 | 0.602 |
| 1 | 14500 | 0.864 | 0.723 | 0.607 |
| 1 | 15000 | 0.867 | 0.727 | 0.613 |
| 1 | 17000 | 0.879 | 0.744 | 0.634 |
| 1 | 20000 | ${ }^{0.996}$ | 0.767 | 0.661 |


| Deductible | Avg. Family Size: 2 | Avg. Family Size: 3 | Avg. Family Size: 4 | Avg. Family Size: 5 |
| :---: | :---: | :---: | :---: | :---: |
| 0 | 1 | 1 | 1 | 1 |
| 50 | 0.635 | 0.441 | 0.352 | 0.352 |
| 100 | 0.63 | 0.437 | 0.335 | 0.335 |
| 150 | 0.633 | 0.437 | 0.334 | 0.334 |
| 200 | 0.633 | 0.439 | 0.335 | 0.335 |
| 300 | 0.635 | 0.441 | 0.338 | 0.338 |
| 400 | 0.639 | 0.444 | 0.339 | 0.339 |
| 500 | 0.644 | 0.447 | 0.342 | 0.342 |
| 750 | 0.657 | 0.459 | 0.349 | 0.349 |
| 1000 | 0.663 | 0.47 | 0.358 | 0.358 |
| 1500 | 0.688 | 0.489 | 0.369 | 0.369 |
| 2000 | 0.708 | 0.508 | 0.389 | 0.389 |
| 2250 | 0.714 | 0.518 | 0.396 | 0.396 |
| 2500 | 0.719 | 0.528 | 0.404 | 0.404 |
| 3000 | 0.731 | 0.54 | 0.421 | 0.421 |
| 3500 | 0.744 | 0.552 | 0.431 | 0.431 |
| 4000 | 0.754 | 0.565 | 0.441 | 0.441 |
| 4500 | 0.762 | 0.577 | 0.452 | 0.452 |
| 5000 | 0.772 | 0.588 | 0.463 | 0.463 |
| 5500 | 0.78 | 0.597 | 0.474 | 0.474 |
| 6000 | 0.787 | 0.608 | 0.484 | 0.484 |
| 6500 | 0.795 | 0.616 | 0.492 | 0.492 |
| 6850 | 0.8 | 0.625 | 0.502 | 0.502 |
| 7000 | 0.807 | 0.632 | 0.511 | 0.511 |
| 7500 | 0.807 | 0.632 | 0.511 | 0.511 |
| 8000 | 0.813 | 0.641 | 0.519 | 0.519 |
| 8500 | 0.818 | 0.648 | 0.527 | 0.527 |
| 9000 | 0.824 | 0.656 | 0.535 | 0.535 |
| 9500 | 0.828 | 0.66 | 0.545 | 0.545 |
| 10000 | 0.829 | 0.666 | 0.549 | 0.549 |
| 10500 | 0.833 | 0.674 | 0.559 | 0.559 |
| 11000 | 0.838 | 0.681 | 0.566 | 0.566 |
| 11500 | 0.843 | 0.69 | 0.572 | 0.572 |
| 12000 | 0.846 | 0.69 | 0.579 | 0.579 |
| 12500 | 0.851 | 0.7 | 0.584 | 0.584 |
| 13000 | 0.854 | 0.706 | 0.59 | 0.59 |
| 13500 | 0.857 | 0.712 | 0.596 | 0.596 |
| 14000 | 0.861 | 0.718 | 0.602 | 0.602 |
| 14500 | 0.864 | 0.723 | 0.607 | 0.607 |
| 15000 | 0.867 | 0.727 | 0.613 | 0.613 |
| 17000 | 0.879 | 0.744 | 0.634 | 0.634 |
| 20000 | 0.896 | 0.767 | 0.661 | 0.661 |



CURRENT


| Oop max. | Avg. Family Size: 2 | Avg. Family Size: 3 | Avg. Family Size: 4 | Avg. Family Size: 5 |
| :---: | :---: | :---: | :---: | :---: |
| 500 | 0.675 | 0.498 | 0.382 | 0.382 |
| 1000 | 0.675 | 0.498 | 0.382 | 0.382 |
| 1500 | 0.675 | 0.498 | 0.382 | 0.382 |
| 2000 | 0.7 | 0.52 | 0.404 | 0.404 |
| 2500 | 0.725 | 0.542 | 0.424 | 0.424 |
| 3000 | 0.767 | 0.588 | 0.444 | 0.444 |
| 4000 | 0.778 | 0.609 | 0.464 | 0.464 |
| 5000 | 0.784 | 0.612 | 0.484 | 0.484 |
| 5500 | 0.79 | 0.615 | 0.504 | 0.504 |
| 6000 | 0.801 | 0.623 | 0.524 | 0.524 |
| 6500 | 0.806 | 0.628 | 0.524 | 0.524 |
| 7000 | 0.811 | 0.632 | 0.524 | 0.524 |
| 8000 | 0.818 | 0.632 | 0.524 | 0.524 |
| 9000 | 0.824 | 0.632 | 0.524 | 0.524 |
| 10000 | 0.828 | 0.637 | 0.527 | 0.527 |
| 11000 | 0.836 | 0.644 | 0.537 | 0.537 |
| 12000 | 0.836 | 0.647 | 0.541 | 0.541 |
| 13000 | 0.852 | 0.657 | 0.553 | 0.553 |
| 14000 | 0.868 | 0.662 | 0.564 | 0.564 |
| 15000 | 0.89 | 0.672 | 0.572 | 0.572 |
| 16000 | 0.893 | 0.69 | 0.581 | 0.581 |
| 17000 | 0.914 | 0.7 | 0.595 | 0.595 |
| 18000 | 0.928 | 0.711 | 0.601 | 0.601 |
| 19000 | 0.931 | 0.716 | 0.608 | 0.608 |
| 20000 | 0.95 | 0.726 | 0.616 | 0.616 |
| 25000 | 1 | 0.785 | 0.649 | 0.649 |
| 30000 | 1 | 0.819 | 0.69 | 0.69 |
| 35000 | 1 | 0.945 | 0.875 | 0.875 |
| 40000 | 1 | 0.973 | 0.905 | 0.905 |
| 45000 | 1 | 1 | 0.931 | 0.931 |
| 50000 | 1 | 1 | 0.962 | 0.962 |
| Unlimited | 1 | 1 | 1 | 1 |



## Community Rate Loads

Current Factors

| Cigna Pathwell <br> Specialty | N/A |
| :--- | :--- |

## Proposed Factors

| Cigna Pathwell <br> Specialty - Min | 0.97 |
| :--- | :---: |
| Cigna Pathwell <br> Specialty - Max | 1.01 |

Change in Factors

| Cigna Pathwell <br> Specialty | N/A |
| :--- | :--- |

Current Factors

| Diagnostic <br> Indicators | Dragroveru numburro <br> may be used to <br> perform additional risk <br> assessment of the |  |
| :--- | :--- | :--- |
|  | 0.95 | Minimum |
|  | 1.05 | Maximum |

Proposed Factors

| Diagnostic <br> Indicators | Diagnostic Indicators <br> may be used to |  |
| :--- | :--- | :--- |
|  | $\mathrm{N} / \mathrm{A}$ | Minimum |
|  | $\mathrm{N} / \mathrm{a}$ | Maximum |

## Change <br> Removing this

factor

## Current Factors


this factor
Current Factors


Change
Removing


## Change

Removing this factor





| Rider | Methodology |
| :---: | :---: |
| Infertility Treatment - Buy Up \#2 | $\begin{aligned} & \text { Base Cost PMPM }=3.1311 \times\left[\frac{M a x}{57896.14}\right]^{\text {v/2 }} \\ & 5.27728 \text { cap on coverage } \end{aligned}$ |
| Embarc Benefit Protection | N/A |
| Hearing Aids <br> Varicose Veins | $\frac{1.002}{1.002}$ |



## Mental Health and Substance Use Disorder Rates

MHSUD Trend and Adjustments

|  | Current | Proposed | Change |
| :--- | :---: | :---: | :---: |
| MH/SUD Trend | $6.00 \%$ | $6.00 \%$ | $0.0 \%$ |
| FFS Adjustment (if applicable) | $1.50 \%$ | $1.50 \%$ | $0.0 \%$ |

OAP/PPO/LCP Rates [VT-specific]

|  | Proclaim |  | Facets |  |
| :--- | ---: | ---: | ---: | ---: |
|  |  |  |  |  |
| Current Rates | $\$ 15.06$ | $\$ 26.79$ | Minimum | Maximum |
| Proposed Rates | $\$ 21.89$ | $\$ 38.67$ | $\$ 8.62$ | $\$ 14.25$ |
| Change | $45 \%$ | $44 \%$ | $224 \%$ | $62 \%$ |

NWK Rates [VT-specific]

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |



|  | Copay |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Change | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| Mental Health | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% |
| Substance Abuse | 26.0\% | 25.9\% | 26.0\% | 26.0\% | 25.9\% | 26.0\% | 25.9\% | 26.0\% | 25.9\% | 26.0\% | 25.8\% |
| Mental Health and Substance Abuse | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% | 25.9\% |
| Non-standard (copay N/A) | 25.9\% |  |  |  |  |  |  |  |  |  |  |

## Vision

Vision - Average Costs
VT

| Service | Current | Proposed | Change |
| :--- | :---: | :---: | :---: |
| Exam | $\$ 153.33$ | $\$ 159.84$ | $4.2 \%$ |
| Lenses: Single Vision | $\$ 86.72$ | $\$ 90.15$ | $4.0 \%$ |
| Lenses: Bifocal | $\$ 135.65$ | $\$ 141.01$ | $4.0 \%$ |
| Lenses: Trifocal | $\$ 162.30$ | $\$ 168.68$ | $3.9 \%$ |
| Lenses: Lenticular | $\$ 215.00$ | $\$ 215.00$ | $0.0 \%$ |
| Lenses: Progressive | $\$ 295.53$ | $\$ 308.19$ | $4.3 \%$ |
| Frames | $\$ 188.06$ | $\$ 195.71$ | $4.1 \%$ |
| Contact Lenses: Elective | $\$ 204.92$ | $\$ 213.54$ | $4.2 \%$ |
| Contact Lenses: Therapeutic | $\$ 596.14$ | $\$ 596.53$ | $0.1 \%$ |
| Materials | $\$ 150.00$ | $\$ 150.00$ | $0.0 \%$ |

## Vision

Vision - Service Utilization

| Service | Current | Proposed | Change |
| :--- | :---: | :---: | :---: |
| Exam (Exam Only Plans) | $33.00 \%$ | $33.33 \%$ | $1.0 \%$ |
| Exam (Comprehensive Plans) | $57.75 \%$ | $58.33 \%$ | $1.0 \%$ |
| Lenses: Single Vision | $17.88 \%$ | $18.06 \%$ | $1.0 \%$ |
| Lenses: Bifocal | $2.23 \%$ | $2.25 \%$ | $0.9 \%$ |
| Lenses: Trifocal | $0.23 \%$ | $0.23 \%$ | $0.0 \%$ |
| Lenses: Lenticular | $0.00 \%$ | $0.00 \%$ | $0.0 \%$ |
| Lenses: Progressive | $11.12 \%$ | $11.23 \%$ | $1.0 \%$ |
| Frames | $37.00 \%$ | $37.37 \%$ | $1.0 \%$ |
| Contact Lenses: Elective | $11.90 \%$ | $12.01 \%$ | $0.9 \%$ |
| Contact Lenses: Therapeutic | $0.20 \%$ | $0.20 \%$ | $0.0 \%$ |
| Materials | $48.90 \%$ | $49.38 \%$ | $1.0 \%$ |

Vision
Vision - Frequency Factors

|  | Current |  | Proposed |  | Change |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Service | $\mathbf{1 2}$ month | $\mathbf{2 4}$ month | $\mathbf{1 2}$ month | $\mathbf{2 4}$ month | $\mathbf{1 2}$ month | $\mathbf{2 4}$ month |
| Exam (Exam Only Plans) | 1 | 0.7 | 1 | 0.7 | $0.0 \%$ | $0.0 \%$ |
| Exam (Comprehensive Plans) | 1 | 0.635 | 1 | 0.635 | $0.0 \%$ | $0.0 \%$ |
| Lenses: Single Vision | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Lenses: Bifocal | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Lenses: Trifocal | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Lenses: Lenticular | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Lenses: Progressive | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Frames | 1 | 0.78 | 1 | 0.78 | $0.0 \%$ | $0.0 \%$ |
| Contact Lenses: Elective | 1 | 0.67 | 1 | 0.67 | $0.0 \%$ | $0.0 \%$ |
| Contact Lenses: Therapeutic | 1 | 0.67 | 1 | 0.67 | $0.0 \%$ | $0.0 \%$ |
| Materials | 1 | 0.67 | 1 | 0.78 | $0.0 \%$ | $16.4 \%$ |



## Pharmacy: Additional Benefit Adjustments

Current Factors

| Benefit | Adjustment |
| :--- | :---: |
| Mail Order Deductible Waiver | 1.05 |
| Mail Order Specialty Drug 30 Day Limit | 1.004 |
| Patient Assurance Program | 1.000 to 1.006 |
| Medication Assisted Therapy/Opioid Use Dis | 1.0003 to 1.0025 |
| Out of Pocket Adjuster Program Adjustment | 0.9996 to 0.97 |
| Mandatory Mail for Maintenance Drugs | 1.005 to 1.01 |
| Rx Exclusive Specialty Home Delivery <br> (ESHD) Adjustment | 0.995 to 1.000 |
|  |  |

Proposed Factors

| Benefit | Adjustment |
| :--- | :---: |
| Mail Order Deductible Waiver | N/A |
| Clinical Day Supply and/or Mail Order Specialty <br> Drug 30 Day Limit | 0.9927 to 0.9972 |
| Patient Assurance Program | 1.000 to 1.02 |
| Medication Assisted Therapy/Opioid Use Disorder | N/A |
| Out of Pocket Adjuster Program Adjustment | $\mathrm{N} / \mathrm{A}$ |
| Mandatory Mail for Maintenance Drugs | $\mathrm{N} / \mathrm{A}$ |
| Rx Exclusive Specialty Home Delivery (ESHD) <br> Adjustment | $\mathrm{N} / \mathrm{A}$ |
| Preventive Buy-ups: Clients that elect to waive a <br> portion of or the entire member cost-share from <br> Diet Pills, Diabetic Supplies, Continuous Glucose <br> Monitor Supplies, Smoking Cessation, and/or <br> Vitamins receive a claim increment. | 1.000 to 1.005 |

Change

| Benefit | Adjustment |
| :--- | :---: |
| Mail Order Deductible Waiver | Removed |
| Clinical Day Supply and/or Mail Order <br> Specialty Drug 30 Day Limit | -0.0113 to -0.0068 |
| Patient Assurance Program | 0 to 0.014 |
| Medication Assisted Therapy/Opioid Use <br> Disorder/Reversal Drug Benefit Option | Removed |
| Out of Pocket Adjuster Program Adjustment | Removed |
| Mandatory Mail for Maintenance Drugs | Removed |
| Rx Exclusive Specialty Home Delivery <br> (ESHD) Adjustment | Removed |
| Preventive Buy-ups: Clients that elect to <br> waive a portion of or the entire member cost- <br> share from Diet Pills, Diabetic Supplies, <br> Continuous Glucose Monitor Supplies, <br> Smoking Cessation, and/or Vitamins receive <br> a claim increment. | New Factor |








|  |  |  | R90 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Retail 90 | Network | Program |  | ( $\begin{gathered}\text { Non- } \\ \text { Prevent } \\ \text { veni } \\ \text { Senerics }\end{gathered}$ | ( | $\begin{array}{\|c\|} \hline \text { Non- } \\ \text { Preventi } \\ \text { ve } \\ \text { Preferre } \\ \hline \end{array}$ | $\|$Preventi <br> ve Non- <br> Prefere <br> d Brands |  | specialt |
| ${ }^{\text {®90 }}$ | ${ }^{\text {Broad }}$ | - ${ }^{\text {N- }}$ | 4\% | $\frac{20}{6 \%}$ | ${ }^{381}$ | -460 | ${ }^{\text {910 }}$ | ${ }^{100}$ |  |
|  |  | - $-\frac{1}{M^{2}}$ | 12\% |  |  |  |  |  | 0\% |
|  |  | - $\mathrm{M}^{3}$ | 12\%- |  | 100 | 8\% | 170 | \%\% | - |
|  |  | $-\overline{\mathrm{m}}$ | -11\% | 5\% | ${ }_{11} 1{ }^{2}$ \% | $8 \%$ | $17 \%$ | 6\% | 0\% |
|  | Narrow | $-\frac{N}{M 1}$ | 8 | $\frac{3 \%}{5 \%}$ | ${ }^{20 \%}$ | $\frac{108}{660}$ | ${ }^{796}$ | ${ }^{\frac{10}{60}}$ | ${ }^{\frac{0 \%}{0 \%}}$ |
|  |  | - $\overline{-1}$ | 8\% | 5 | 9\% | $6 \%$ | 16\% |  | 0\% |
|  |  | - $\mathrm{M}^{3}$ |  | 5\% | 1090 |  |  |  |  |
| NONE | Broad | N | ${ }_{0} 0_{6}$ | ${ }_{0 \%}$ | 006 | $0 \%$ |  |  | ${ }_{0} 9$ |
|  |  |  |  |  |  |  |  |  | \% |



Pharmacy Trend

| Pharmacy Trend |  |  |  | Current |  |  |  | Proposed |  |  |  |  | Change |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cost Trend |  | Formulary | Drug Type | 2019/2018 | 202012019 | 2021/2020 | 2022+12021 | 2019/2018 | 202012019 | 2021/2020 | 2022/2021 | 2023+12022 | 2019/2018 | 2020/2019 | 2021/2020 | 2022/2021 | 2023+12022 |
|  | Standard Standard Standard | Standard | Generic | 3.40\% | 2.90\% | 2.90\% | 2.90\% | 3.15\% | 5.35\% | 1.73\% | 2.96\% | 3.77\% | -0.25\% | 2.45\% | -1.17\% | 0.06\% |  |
|  |  |  | Brand | 12.00\% | 11.80\% | 11.80\% | 11.80\% | 12.38\% | 7.17\% | 6.01\% | 11.05\% | 13.90\% | 0.38\% | -4.63\% | -5.79\% | -0.75\% |  |
|  |  |  | Specialty | 8.30\% | 20.10\% | 20.10\% | 20.10\% | 7.75\% | 30.71\% | 9.50\% | 7.76\% | 8.73\% | -0.55\% | 10.61\% | -10.60\% | -12.34\% |  |
| Utilization | Standard Standard Standard | Standard | Generic | 2.70\% | 2.10\% | 2.10\% | 2.10\% | 3.52\% | 0.92\% | 2.67\% | 0.01\% | 0.63\% | 0.82\% | -1.18\% | 0.57\% | -2.09\% |  |
|  |  |  | Brand | -11.00\% | -10.10\% | -10.10\% | -10.10\% | -10.23\% | 2.95\% | 8.26\% | -4.27\% | -6.34\% | 0.77\% | 13.05\% | 18.36\% | 5.83\% |  |
|  |  |  | Specialty | 10.00\% | -5.60\% | -5.60\% | -5.60\% | 7.80\% | -9.33\% | 6.51\% | 5.42\% | 5.55\% | -2.20\% | -3.73\% | 12.11\% | 11.02\% |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## Rx Area Factors

|  | State | Minimum <br> Area <br> Factor | Maximum <br> Area <br> Factor |
| :--- | :--- | ---: | ---: |
| Current | VT | 0.76 | 0.76 |
| Proposed | VT | 0.86 | 0.86 |
| Change |  | $13.2 \%$ | $13.2 \%$ |





Proposed Factors

| Industry | Minimum | Maximum | Median |
| :--- | :---: | :---: | :---: |
| Agriculture | 0.925 | 1.075 | 1 |
| Mining | 0.95 | 1.125 | 1.075 |
| Construction | 0.9 | 1.125 | 1 |
| Manufacturing | 0.825 | 1.075 | 0.95 |
| Transportation, Communication, \& Utilities | 0.8 | 1.1 | 1 |
| Wholesale Trade | 0.875 | 1.15 | 0.9375 |
| Retail Trade | 0.925 | 1.1 | 1.025 |
| Finance, Insurance and Real Estate | 0.9 | 1.1 | 0.975 |
| Services | 0.85 | 1.125 | 1.025 |
| Public Administration | 0.9 | 1.05 | 0.975 |

Change in Factors

| Industry | Minimum | Maximum | Median |
| :--- | :---: | :---: | :---: |
| Agriculture | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Mining | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Construction | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Manufacturing | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Transportation, Communication, \& Utilities | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Wholesale Trade | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Retail Trade | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Finance, Insurance and Real Estate | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Services | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |
| Public Administration | $0.0 \%$ | $0.0 \%$ | $0.0 \%$ |



Current Factors

| Area Description | Rating Area | Product | Adjustment |
| :--- | :--- | :--- | ---: |
| $V T$, VERMONT | $V T N W K 1$ | NWK | 0 |
| $V T$, VERMONT | $V T O A P 1$ | OAP | 0 |
| $V T$, VERMONT | VTPPO1 | PPO | 0 |

Proposed Factors

| Area Description | Rating Area | Product | Adjustment |
| :--- | :--- | :--- | :---: |
| VT, VERMONT | VTNWK1 | NWK | $\mathrm{N} / \mathrm{A}$ |
| VT, VERMONT | VTOAP1 | OAP | $\mathrm{N} / \mathrm{A}$ |
| $V T$, VERMONT | VTPPO1 | PPO | $\mathrm{N} / \mathrm{A}$ |

## Changes

Removing these factors

## EXHIBIT I

## ACTUARIAL MEMORANDUM AND CERTIFICATION

## Scope and Purpose

The purpose of this filing is to submit CIGNA Health and Life Insurance Company's group manual rating methodology. Our pricing model was developed to provide a consistent rating methodology across products. This filing includes Open Access Plus, PPO, Network, Indemnity, and retiree medical insurance product, and is applicable for groups of 101 or more lives. Methodology is also included for Pharmacy products.

## Benefit Description

The benefits covered in this memorandum include group health insurance coverage as described in CIGNA Health and Life Insurance Company forms HP-POL et al, and HC-TOC et al.

## Census

Member level census will be used when available. If only subscriber level data is available, penetration and translation assumptions will be used to create a member level census for manual rate development. The penetration and translation assumptions used are developed from studies of our book of business, which includes experience from similar CIGNA Health and Life Insurance Company ("CHLIC") policies.
Penetration estimates the number of subscribers that will select the CIGNA Health and Life Insurance Company plan; the translation process develops projected subscribers and members within rating tiers.

## Adjustments to Base Claims

The base claim rates by area are adjusted for certain group and member characteristics. These include industry loads and discounts, age and sex demographic adjustments, and trends.

Adjustments for industry (SIC) are developed from a study of our book of business combined with results from an outside consultant's national industry factor assessment study.

Age and sex demographic adjustments are developed from a study of our book of business. The resulting age/sex slopes are normalized to represent the national census.

Trends reflect historical experience from CHLIC's group medical experience and projections for future levels. Medical trend rates are applied on a daily basis.

## Benefit Plan Adjustments

Base claims are reduced for specific cost sharing features of the product and benefit plan selected. Copay and other cost sharing benefit design related adjustments are made using assumptions regarding utilization levels by base claim component. Claim distributions are used to determine the impact of deductibles, coinsurance and out of pocket maximums. In addition, a utilization dampening factor is applied to reflect lower utilization levels as cost sharing rises.

## Renewability Clause

The benefit plans covered under this memorandum are guaranteed renewable.

## Applicability

CHLIC, Inc. anticipates both renewals and new issues from the forms currently filed.

Marketing Method
These products are sold to employer-employee groups, labor union groups and association groups through
CIGNA Health and Life Insurance Company group sales offices.

## Premium Classes

Premium rates may vary by product, plan design, geographic area, group demographics, industry, effective date, experience, and underwriting discretion.

## Issue Age Range

There are no issue age restrictions in our policy forms; however, eligibility requirements must be fulfilled.
Premium Modalization Rules
The CIGNA Health and Life Insurance Company Health Manual produces monthly premiums. Modalization factors are expressed as a function of these monthly rates as follows:

| Annual | 11.8227 |
| :--- | :---: |
| Semi-Annual | 5.9557 |
| Quarterly | 2.9852 |

## Distribution of Business

Rates vary by geographic location and group specific characteristics, including demographics. Target distribution is to groups with both single employees and employees with dependents, assuming a 40/60 distribution

## Rating

The group rates filed represent the rate level we expect to be necessary to achieve a desired average loss ratio for all group contracts. Accordingly, actual rates for groups will vary as a result of a variety of factors. These include variation in benefit plan, age, gender, family composition, size, industry, area, healthplan claim experience, pharmacy indicators and underwriting discretion.

Depending upon group size, case specific claim experience may be used to adjust the rate. Credibility is based on group size, pooling level and months of experience. Rates for partially credible groups are based on a blend of experience and manual rating.

For Minimum Premium plans, the premium paid by the policyholder is reduced for the portion of the total claim amount that is expected to be self-insured.

## Anticipated Loss Ratio

The methodology and supporting factors apply to groups of 101 or more employees.
The anticipated large group loss ratio for this policy is $87.9 \%$.
The components of Cigna's retention for our Large Group pricing are as follows:

| Retention Components | \% of Premium |
| :--- | :---: |
| Admin | $5.0 \%$ |
| Access Fee | $0.8 \%$ |
| Quality Improvement | $0.2 \%$ |
| Tax | $2.0 \%$ |
| State Assessments | $2.0 \%$ |
| PPACA Fees* | $0.0 \%$ |
| Risk Charge | $0.0 \%$ |
| Profit | $2.0 \%$ |
| Commissions | $0.0 \%$ |
| Total Retention | $\mathbf{1 2 . 1 \%}$ |

* PPACA fees are primarily associated with the Health Insurance Industry Fee (HIIF), which is assumed to be $2.5 \%$ for 2020 calendar months, and $0 \%$ for $2021+$ calendar months due to recent legislative changes. The remainder is for the PCORI, which is currently a small amount ( $<0.1 \%$ ), and assumed to continue for 2020 and beyond.

Comparison to Status Quo
This filing includes a number of changes to our medical and pharmacy rating methodologies. It is difficult to quantify each change independent of the others. The average expected annual increase in manual rates in Vermont is $7.6 \%$. This figure was calculated by comparing the current filed and approved manuals using an illustrative effective date of $1 / 1 / 2022$ to the proposed $1 / 1 / 2023$ manuals for a representative sample of Vermont sitused business.

| Category | Detail | Avg | Min | Max |
| :--- | :--- | :---: | :---: | :---: |
| Filed and Approved <br> Trend | Filed and Approved Total (Med \& Rx) Claims <br> Trend | $6.5 \%$ | $6.5 \%$ | $6.5 \%$ |
| Changes to Trend | Difference in Current Approved Total (Med \& Rx) <br> Trend vs. Total (Med \& Rx) Proposed Trend | $0.9 \%$ | $0.9 \%$ | $0.9 \%$ |
| Revisions to <br> Pricing Factors (excl. <br> Trend) | Changes to area factors, methodology, and other <br> rating factors excluding trend | $-0.2 \%$ | $-27.2 \%$ | $21.8 \%$ |
| Expense Changes | MLR change from 88.2\% to 87.9\% | $0.3 \%$ | $0.3 \%$ | $0.3 \%$ |
| Requested <br> Rate Change | Composite change of all items listed above | $7.6 \%$ | $-21.5 \%$ | $31.3 \%$ |

## Changes to Methodology for the 2022 Cigna Rate Filing Compared to 2020 Approved Rate Filing

- Medical
o Updates to utilization dampening methodology and data
o Updates to non-par methodology and data
o Updates to the medical area factors and trend
o Updates to Network Utilization methodology and factors
o Updates to claim adjustments using a proprietary predictive model
o Updates to Cigna Pathwell factors
o Updates to Industry factors
o Update to remove enhanced non-par factors
o Updates to medical and riders
o Updates to the medical capitation percentages
o Updates to community rate loads
o Updates to the POS Load coefficients
- Behavioral
o Updates to the MHSUD trend and rates
- Vision
o Updates to the vision cost
o Updates to service utilization
- Pharmacy
o Updates to average wholesale price per script
o Updates to average script count per customer
o Updates to script channel assumptions
o Updates to pharmacy cost trend
o Updates to pharmacy utilization trend
o Updates to pharmacy area factors
o Updates to pharmacy additional benefits adjustments
o Updates to pharmacy industry load
o Updates to pharmacy discounts


## ACTUARIAL CERTIFICATION

## Opinion

In my opinion, the rates were developed using reasonable actuarial assumptions, and the rate levels are reasonable in relationship to the benefits provided. The actuarial data and experience will be maintained by the company and available for review by the Green Mountain Care Board upon request.

I certify that to the best of my knowledge and judgment, this rate filing is in compliance with the applicable laws and regulations of the State. In summary, I believe that the rating assumptions proposed will produce rates which are not excessive, inadequate, or unfairly discriminatory.


Daniel Acton, FSA, MAAA
Actuarial Senior Director
Date: 11/11/2022

