## Capital Adequacy (E) Task Force <br> RBC Proposal Form

| ] | Capital Adequacy (E) Task Force | Health RBC (E) Working Group |  | ] Life RBC (E) Working Group |
| :---: | :---: | :---: | :---: | :---: |
| ] | Catastrophe Risk (E) Subgroup | Investment RBC (E) Working Group |  | ] Longevity Risk (A/E) Subgroup |
| [ ] | C3 Phase II/ AG43 (E/A) Subgroup | P/C RBC (E) Working Group |  |  |


| CONTACT PERSON: TELEPHONE: | DATE: 3-17-21 | FOR NAIC USE ONLY |
| :---: | :---: | :---: |
|  | Crystal Brown | Agenda Item \# 2021-04-CA |
|  | 816-783-8146 | Year $2021$ |
| EMAIL ADDRESS: ON BEHALF OF: | cbrown@naic.org | DISPOSITION |
|  | Health RBC (E) Working Group | [ X ] ADOPTED $\quad \underline{\mathbf{6 / 3 0 / 2 1}}$ |
| NAME: | Steve Drutz | 7/28/21 MOD |
| TITLE: | Chief Financial Analyst/Chair | [ ] REJECTED |
| AFFILIATION: ADDRESS: | WA Office of Insurance Commissioner |  |
|  | PO Box 40255 | $\text { [ } \mathrm{x} \text { ] EXPOSED } \underline{4-16-21,5 / 21 / 21}$ |
|  | Olympia, WA 98504-0255 | [ ] OTHER (SPECIFY) |

IDENTIFICATION OF SOURCE AND FORM(S)/INSTRUCTIONS TO BE CHANGED
[ x ] Health RBC Blanks [ x ] Property/Casualty RBC Blanks [ x ] Life and Fraternal RBC Instructions
[ x ] Health RBC Instructions [ x ] Property/Casualty RBC Instructions [ x ] Life and Fraternal RBC Blanks
[ ] OTHER $\qquad$

## DESCRIPTION OF CHANGE(S)

Incorporate investment income into the Underwriting Risk - Experience Fluctuation Risk factors for columns 1-3. The base underwriting factors would be adjusted for Comprehensive Medical, Medicare Supplement and Dental and Vision.

MODIFICATION FOR ROUNDING: All ratios in Columns 1, 2 and 3 on pages XR013, LR020 and PR020 will be adjusted to round to the fourth decimal place.

Lines that will be adjusted include:
XR013-12, 13, and 15.
LR020-9, 10.3 and 12.
PR020 - 9, 10.3 and 12.

## REASON OR JUSTIFICATION FOR CHANGE **

Incorporated investment income into Columns 1-3 on the Underwriting Risk - Experience Fluctuation Risk page. The American Academy of Actuaries provided recommended factors to the Working Group. The Academy found that due to no claims lag in Stand-Alone Medicare Part D coverage, the investment income adjustment would be negligible, and the RBC factors would not be impacted.

The Working Group will continue to work with the Academy to look at the potential to incorporate an investment income adjustment to the factors for the other health lines of business for 2022 or later.

MODIFICATION FOR ROUNDING: The UW Risk Fluctuation Factors on pages XR013, LR020 and PR020 were adjusted and adopted for 2021 reporting to go to the fourth decimal place. Due to the NAIC system constraints, the number of decimal places a ratio is displayed is determined by the column settings. Therefore, if one factor/ratio goes to four decimal places, all factors or ratios in that column must display at 4 decimal places.

As a result, the following lines will be impacted and need to be updated to round to four decimal places.

Lines that will be adjusted include:
XR013-12, 13, and 15. Lines 12 and 13 are formula based calculations which could result in slight differences to the amount. Line 15 is a direct pull from page XR018 and only goes to 3 decimal places so it would end in " 0 "
LR020-9, 10.3 and 12. Lines 9 and 10.3 are formula based calculations which could result in slight differences to the amount. Line 12 is a direct pull from page LR022 and only goes to 3 decimal places so it would end in " 0 "
PR020-9, 10.3 and 12. Lines 9 and 10.3 are formula based calculations which could result in slight differences to the amount. Line 12 is a direct pull from page PR022 and only goes to 3 decimal places so it would end in " 0 "

## Additional Staff Comments:

These changes will also need to be incorporated into the Life and $\mathrm{P} / \mathrm{C}$ formula.
3-17-21 cgb The Working Group exposed the proposal for 30-days with comments due back on April 16, 2021.
4-23-21 cgb Two comment letters were received during the comment period from UHG and AHIP/BCBSA. The WG discussed the comments and agreed to refer the proposal to the Capital Adequacy (E) Task Force with the $0.5 \%$ investment yield for exposure for all lines of business.
$04-27-21 \mathrm{cgb}$ The American Academy of Actuaries provided an updated letter that included the factors to two-digit rounding for each tier. A copy of the letter is included in the proposal.
4-29-21 cgb The TF exposed the proposal until 5/21/21.
$5-25-21 \mathrm{cgb}$ One comment letter was received from the TF exposure. The WG agreed to refer the proposal to the TF for consideration of adoption on the June 30 call.
5-25-21 cgb EDITORIAL NOTE: the factors are hard coded into page PR020 and LR020 of the blank and forecasting file. These pages were updated to reflect the new factors as were included in the instructions.
6/30/21 Proposal was adopted by the Task Force
7/28/21 Modified proposal for rounding to 4-decimal places was adopted by the Task Force
** This section must be completed on all forms.
Revised 2-2019

UNDERWRITING RISK

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|}
\hline \& ce \& Fluctuation Risk \& \& \& \& \& \& \& \\
\hline \& \& Line of Business \& \begin{tabular}{l}
\[
1
\] \\
Comprehensive Medical
\end{tabular} \& 2
Medicare Supplement \& 3
Dental \& Vision \& 4
Stand-Alone
Medicare Part D
Coverage \& 5
Other Heath \& Other Non-Health \& (7)

Total <br>
\hline (1) \& $\dagger$ \& Premium \& \& \& \& \& \& \& 0 <br>
\hline (2) \& $\dagger$ \& Title XVIII-Medicare \& \& XXX \& XXX \& XXX \& xx \& XXX \& 0 <br>
\hline (3) \& $\dagger$ \& Title XIX-Medicaid \& \& XXX \& XXX \& XXX \& XXX \& XXX \& 0 <br>
\hline (4) \& $\dagger$ \& Other Health Risk Revenue \& \& XXX \& \& \& \& XXX \& 0 <br>
\hline (5) \& \& Medicaid Pass-Through Payments Reported as Premiums \& \& XXX \& XXX \& XXX \& XXX \& XXX \& 0 <br>
\hline (6) \& \& Underwriting Risk Revenue $=$ Lines (1) + (2) + (3) + (4) - (5) \& 0 \& 0 \& 0 \& 0 C \& 0 \& 0 \& 0 <br>
\hline (7) \& $\dagger$ \& Net Incurr \& \& \& \& \& \& XXX \& 0 <br>
\hline (8) \& \& Medicaid \& \& The formulas in Colu \& mn 2 \& 3 for Lin \& 12 woutd be \& XXX \& XXX \& 0 <br>

\hline (9) \& \& | Total Net |
| :--- |
| Payments | \& \& updated in a like ma display four decima \& nner. The cell places. \& ormatted to \& 0 \& XXX \& 0 <br>

\hline (10) \& $\dagger$ \& Fee-For-Service Offset \& \& \& \& \& \& XXX \& 0 <br>
\hline (11) \& \& Underwriting Risk Incurred Claims = Lines (9) - (10) \& 0 \& 0 \& 0 \& 0 \& 0 \& XXX \& 0 <br>

\hline (12) \& \& Underwriting Risk Claims Ratio = For Column (1) through (5), Lines (11)/(6) \& $$
0.0000
$$ \& 0.0000 \& 0.0000 \& 0.000 \& 0.000 \& 1.000 \& XXX <br>

\hline (13) \& \& Underwriting Risk Factor* \& 0.1493 \& 0.1043 \& 0.1195 \& 0.251 \& 0.130 \& 0.130 \& XXX <br>
\hline (14) \& \& Base Underwriting Risk RBC = Lines (6) $\times$ (12) $\times$ (13) \& 0 \& 0 \& 0 \& 0 \& \& \& <br>
\hline (15) \& \& Managed Care Discount Factor \& 1.0000 \& 1.0000 < \& 1.0000 - \& 1.000 \& efore, only th \& formatting of the \& <br>
\hline (16) \& \& RBC After Managed Care Discount $=$ Lines (14) x $\left(15^{K}\right.$ \& n \& 13 \& 0 \& 0 \& ge to display \& our decimal place \& <br>
\hline (17) \& $\dagger$ \& Maximum Per-Individual Risk after Reinsurance ${ }^{\text {a }}$ The form \& s in Column 2 \& for Line 13 would \& \& \& \& \& <br>
\hline \& \& update \& \& ell is formatted \& \& 0 \& 0 \& XXX \& XXX <br>
\hline \& \& dis \& ES \& \& \& 0 \& 0 \& XXX \& XXX <br>
\hline \multicolumn{6}{|l|}{$=I F\left(E 12>0, R O U N D\left(\left(E \$ 31 * M A X(0, M I N(E \$ 12,25000000))+E \$ 33^{*} \mathrm{MAX}(0, E \$ 12-25000000)\right) / \mathrm{E} 12,4\right), \mathrm{E} 31\right)$} \& 0 \& 0 \& XXX \& 0 <br>
\hline (21) \& \& |Net Underwritung Kisk кbし (MAX \{Line (10), Line (LU) $\}$ ) for Columns (1) through (5), Column (6), Line (14) \&  \& 0 \& 0 \& 0 \& 0 \& 0 \& 0 <br>
\hline
\end{tabular}


$\dagger$ The Annual Statement Sources are found on page XR014

* This column is for a single result for the Comprehensive Medical \& Hospital, Medicare Supplement and Dental/Vision managed care discount factor.
*** Limited to the largest of the applicable alternate risk adjustments, prorated if necessary.


| (8) | Underwriting Risk Incurred Claims = Line (6) - Line (7) | \$0 | \$0 | \$0 | on on on |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (9) | Underwriting Risk Claims Ratio = Line (8) / Line (5) | 40.0000 | 0.0000 | 10.0000 | The factors in Lines 10.1 and 10.2 Columns 1-3 are |


| (10.1) | Underwriting Risk Factor for Initial Amounts Of Premium: | 0.1493 | 0.1043 | $0.1195$ | hard coded. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (10.2) | Underwriting Risk Factor for Excess of Initial Amount $\ddagger$ | 0.0893 | 0.0663 | ${ }^{0.0755}$ | 0.151 | XXX |
| (10.3) | Composite Underwriting Risk Factor | 0.0000 | 0.0000 | 0.0000 | 0.000 | XXX |


| (10.3) | Composite Underwriting Risk Factor | $\rightarrow \quad 0.0000$ | 0.0000 | 0.0000 | 0.000 | XXX |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (11) | Base Underwriting Risk RBC = Line (5) x Line (9) x Line (10.3) | \$0 | $\bigcirc_{\$ 0}$ | \$0 |  | The line 12 | unt pulls in from page LR022, |

 therefore, only the formatting of the cell will change to display four decimal places.

| (14) | A |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $=I F(D 14>0, R O U N D((D 19 * M A X(0, M I N(D \$ 14,25000000))+$ 20*MAX(0,D\$14-25000000) $) / \mathrm{D} 14,4), 0)$ |  |  |  | \$0 |
| (15) | Maxim |  |  |  |  |
| (16) | Alternau mon - пиェョ | $12$ | su | su | \$0 |
| (17) | Net Alternate Risk Charge£ | d in a iRe manner. The cell is formatted | \$0 | \$0 | \$0 |
| (18) | Net Underwriting Risk RBC (Maximum of Line (14) | display four detimal places. | \$0 | \$0 | \$0 |

$\dagger \quad$ Source is company records unless already included in premiums.
$\ddagger$ For Comprehensive Medical the Initial Premium Amount is $\$ 25,000,000$ or the amount in Line (1.3) if smaller. For Medicare Supplement and Dental \& Vision, the Initial Premium Amount is $\$ 3,000,000$ or the amount in Line (1.3) if smaller. For Stand-Alone Medicare Part D the Initial Premium Amount is $\$ 25,000,000$ or the amount in Line (1.3) if smaller.
§ Formula applies only to Column (1), for all other columns Line (14) should equal Line (13).
The Line (16) Alternate Risk Charge is calculated as forlows:

| LESSER OF: | $\$ 1,500,000$ <br> or <br> 2 x Maximum Individual Risk | \$50,000 <br> or <br> $2 \times$ Maximum <br> Individual Risk | \$50,000 <br> or <br> $2 \times$ Maximum <br> Individual Risk | $\$ 150,000$ <br> or <br> 6 x Maximum <br> Individual Risk | Maximum <br> of <br> Columns <br> (1), (2), (3) and (4) |
| :---: | :---: | :---: | :---: | :---: | :---: |

£ Applicable only if Line (16) for a column eqुuals Line (16) for Column (5), otherwise zero.

## UNDERWRITING RISK - PREMIUM RISK FOR COMPREHENSIVE MEDICAL, MEDICARE SUPPLEMENT AND DENTAL \& VISION PR020

## (Experience Fluctuation Risk in Life RBC Formula)

(1)
(2)
(3)
(4)
(5)


Experience Fluctuation Risk

|  | Line of Business | (1) Comprehensive Medical | (2) <br> Medicare <br> Supplement | (3) <br> Dental \& Vision | (4) Stand-Alone Medicare Part D Coverage | (5) <br> Other Health | (6) <br> Other Non-Health | (7) <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) $\dagger$ | Premium |  |  |  |  |  |  |  |
| (2) $\dagger$ | Title XVIII-Medicare |  | XXX | XXX | XXX | XX, | XXX |  |
| (3) $\dagger$ | Title XIX-Medicaid |  | XXX | XXX | XXX |  | XXX |  |
| (4) $\dagger$ | Other Health Risk Revenue |  | XXX |  |  |  | XXX |  |
| (5) | Medicaid Pass-Through Payments Reported as Premiums |  | XXX | XXX | XXX | X | XXX |  |
| (6) | Underwriting Risk Revenue $=$ Lines (1) + (2) + (3) + (4) - (5) |  |  |  |  |  |  |  |
| (7) $\dagger$ | Net Incurred Claims |  |  |  |  |  | XXX |  |
| (8) | Medicaid Pass-Through Payments Reported as Claims |  | XXX | XXX |  | XXX | XXX |  |
| (9) | Total Net Incurred Claims Less Medicaid Pass-Through <br> Payments Reported as Claims $=$ Lines (7) - (8) |  |  |  |  |  | XXX |  |
| (10) $\dagger$ | Fee-For-Service Offset |  | XXX |  |  |  | XXX |  |
| (11) | Underwriting Risk Incurred Claims = Lines (9) - (10) |  |  |  |  |  | XXX |  |
| (12) | Underwriting Risk Claims Ratio = For Column (1) through (5), Line (11)/(6) |  |  |  |  |  | 1.000 | XXX |
| (13) | Underwriting Risk Factor* |  |  |  |  | 0.130 | 0.130 | XXX |
| (14) | Base Underwriting Risk RBC = Lines (6) x (12) x (13) |  |  |  |  |  |  |  |
| (15) | Managed Care Discount Factor |  |  |  |  |  | XXX | XXX |
| (16) | RBC After Managed Care Discount $=$ Lines (14) $\times$ (15) |  |  |  |  |  | XXX |  |
| (17) † | Maximum Per-Individual Risk After Reinsurance |  |  |  |  |  | XXX | XXX |
| (18) | Alternate Risk Charge ** |  |  |  |  |  | XXX | XXX |
| (19) | Alternate Risk Adjustment |  |  |  |  |  | XXX | XXX |
| (20) | Net Alternate Risk Charge*** |  |  |  |  |  | XXX |  |
| (21) | Net Underwriting Risk RBC (MAX \{Line (16), Line (20) \}) for Columns (1) through (5), Column (6), Line (14) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

[^0]
## UNDERWRITING RISK - PREMIUM RISK FOR COMPREHENSIVE MEDICAL, MEDICARE SUPPLEMENT AND DENTAL \& VISION PR020

(Experience Fluctuation Risk in Life RBC Formula)

Line of Business
(1.1) Premium - Individual
(1.2) Premium - Group
(1.3) Premium - Total $=\operatorname{Line}(1.1)+$ Line (1.2)
(2) Title XVIII-Medicare $\dagger$
(3) Title XIX-Medicaid
(4) Other Health Risk Revenue $\dagger$
(5) Underwriting Risk Revenue $=$ Lines (1.3) $+(2)+(3)+(4)$
(6) Net Incurred Claims
(7) Fee-for-Service Offset $\dagger$
(8) Underwriting Risk Incurred Claims = Line (6) - Line (7)
(9) Underwriting Risk Claims Ratio $=$ Line (8) / Line (5)
(10.1) Underwriting Risk Factor for Initial Amounts Of Premium.
(10.2) Underwriting Risk Factor for Excess of Initial Amount $\ddagger$
(10.3) Composite Underwriting Risk Factor
(11) $\operatorname{Base}$ Underwriting Risk $R B C=$ Line (5) $x$ Line (9) $x$ Line (10.3)
(12) $\quad$ Managed Care Discount Factor $=$ PR021 Line (12)
(13) $\quad$ Base RBC After Managed Care Discount $=$ Line (11) $\times$ Line (12)
(14) RBC Adjustment For Individual $=$
[\{Line(1.1) x $1.2+\operatorname{Line}(1.2)\} / \operatorname{Line}(1.3)] \times \operatorname{Line}(13) \S$
(15) Maximum Per-Individual Risk After Reinsurance $\dagger$
(16) Alternate Risk Charge*
(17) Net Alternate Risk Chargef
 Source is

| (1) | (2) | (3) | (4) | (5) |
| :---: | :---: | :---: | :---: | :---: |
| Comprehensive Medical | Medicare <br> Supplement |  <br> Vision | Stand-Alone Medicare Part D Coverage | тота |
| Statement Value | 0 | 0 | 0 |  |
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
| 0 | XXX | XXX | XXX | 0 |
| 0 | XXX | XXX | XX | 0 |
| 0 | XXX | 0 | - 0 | 0 |
| 0 | 0 | 0 | - | 0 |
| 0 | 0 |  | $\bigcirc 0$ | 0 |
| 0 | XXX |  | 0 | 0 |
| 0 | 0 |  | 0 | 0 |
| 0.000 | 0.000 | (0.0) 0 | 0.000 | XXX |
| 0.1493 | 0.1043 | Q, 1195 | 0.251 | XXX |
| 0.0893 | 0.060 | 0.0760 | 0.151 | XXX |
| 0.000 | 0.00 | 0.000 | 0.000 | XXX |
| 0 |  | 0 | 0 | 0 |
| 0.000 | $\bigcirc 000$ | 0.000 | 0.000 | XXX |
|  | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 |
|  | 0 | 0 | 0 | XXX |
| - 0 | 0 | 0 | 0 | 0 |
| - 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | Source is company records unless already included in prem Amomenensive Medical the Initial Premium Amour is 5,000 Formula applies only to Column (1), for all oth Colum sine (14) should equal Line (13).

The Line (16) Alternate Risk Charge is calculated ariollows:

| LESSER OF: | $\$ 1,500,000$ <br> or | $\begin{gathered} \$ 50,000 \\ \text { or } \end{gathered}$ | $\begin{gathered} \$ 50,000 \\ \text { or } \end{gathered}$ | $\begin{gathered} \$ 150,000 \\ \text { or } \end{gathered}$ | Maximum <br> of |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2 x Maximum | 2 x Maximum | $2 \times$ Maximum | 6 x Maximum | Columns |
|  | Individual Risk | Individual Risk | Individual Risk | Individual Risk | (1), (2), (3) and (4) |

Applicable only if Line (16) for a column equals Line (16) for Column (5), otherwise zero
Denotes items that must be manually entered on the filing software.

| Experience Fluctuation Risk |
| :--- |

Source is company records unless already included in
For Comprehensive Medical the Initial Premium 4n unt $\mathbf{~} \$ 2,000,000$ or the amount in Line (1.3) if smaller. For Medicare Supplement and Dental \& Vision, the Initial Premium Amount is $\$ 3,000,000$ or the amount in Lin (1.3) in smaller. For Stand-Alone Medicare Part D the Initial Premium Amount is $\$ 25,000,000$ or the amount in Line (1.3) if smaller Formula applies only to Column (1), for all or channs Line (14) should equal Line (13).
The Line (16) Alternate Risk Charge is calculated as follows


[^1]
[^0]:    The Annual Statement Source are foun on page XR013.

    * This column is for a single result for the Comprehensive Medical \& Hospital, Medicare Supplement and Dental/Vision managed care discount factor.
    *** Limited to the largest of the applicable alternate risk adjustments, prorated if necessary.

[^1]:    Applicable only if Line (16) for a column equals Line (16) for Column (5), otherwise zero

