

DELAWARE COMPENSATION RATING BUREAU, INC.

Indicated Residual Market Rate Change

Page 1 presents the overall indicated changes in rates and loss costs.

Derivation of the indemnity and medical trend factors and trended loss ratios shown on page 1 is presented on pages 2 through 4.

Page 5 shows the derivation of overall frequency trend factors for each of the latest four policy years.

# INDICATED CHANGE IN RATE LEVEL

|                                                                                                                                                                    | <u>Indemnity</u> | <u>Medical</u> | <u>Total</u>            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|-------------------------|
| (1a) Policy Year 2021 Loss and Loss Adjustment Expense Ratio                                                                                                       | 0.4919           | 0.3596         | 0.8515                  |
| (1b) Policy Year 2022 Loss and Loss Adjustment Expense Ratio                                                                                                       | 0.5116           | 0.3165         | 0.8281                  |
| (1c) Policy Year 2023 Loss and Loss Adjustment Expense Ratio                                                                                                       | 0.4847           | 0.3428         | 0.8275                  |
| (1d) Policy Year 2024 Loss and Loss Adjustment Expense Ratio                                                                                                       | 0.4498           | 0.3105         | 0.7604                  |
| (1e) Weighted Average (2021 - 10%; 2022 - 30%; 2023 - 30%; 2024 - 30%)                                                                                             | 0.4830           | 0.3269         | 0.8099                  |
| (2a) Policy Year 2021 Loss and LAE Ratio Trended to 12/1/2027                                                                                                      | 0.3411           | 0.2814         | 0.6225                  |
| (2b) Policy Year 2022 Loss and LAE Ratio Trended to 12/1/2027                                                                                                      | 0.3773           | 0.2581         | 0.6354                  |
| (2c) Policy Year 2023 Loss and LAE Ratio Trended to 12/1/2027                                                                                                      | 0.3803           | 0.2914         | 0.6717                  |
| (2d) Policy Year 2024 Loss and LAE Ratio Trended to 12/1/2027                                                                                                      | 0.3755           | 0.2752         | 0.6507                  |
| (2e) Weighted Average (2021 - 10%; 2022 - 30%; 2023 - 30%; 2024 - 30%)                                                                                             | 0.3740           | 0.2756         | <b>0.6496</b>           |
| (3a) Excess Loss Factor at \$2,003,421 (Post-Legislative Basis)                                                                                                    |                  |                | 0.0823                  |
| (3b) Provision for Excess Loss                                                                                                                                     |                  |                | 0.0583                  |
| (4a) Total Trended Loss and LAE Ratio (2e) + (3b)                                                                                                                  | 0.3956           | 0.3122         | 0.7079                  |
| (4b) Percentage of Total                                                                                                                                           | 55.89%           | 44.11%         |                         |
| (5) Permissible Loss and Loss Adjustment Ratio                                                                                                                     |                  |                | 0.7279                  |
| (6) Indicated Change in Rates (4a) / (5)                                                                                                                           |                  |                | 0.9725                  |
| (7) Estimated Effect of the 7/1/27 Benefit Change                                                                                                                  |                  |                | 1.0126                  |
| (8) Indicated Change in Residual Market Rate Level (6) * (7)                                                                                                       |                  |                | 0.9847<br><b>-1.53%</b> |
| (9) Indicated Change in Voluntary Market Loss Costs<br>(8) / Change in Average LCMs [1.2942 / 1.2958]<br>LCM = (1 / Loss, LAE and Administrative Assessment Ratio) |                  |                | 0.9860<br><b>-1.40%</b> |

|                                                                                       | <b>Mfg.</b> | <b>Cont.</b> | <b>Office</b> | <b>Goods</b> | <b>Other</b> | <b>Total</b> |
|---------------------------------------------------------------------------------------|-------------|--------------|---------------|--------------|--------------|--------------|
| (10) Current Collectible Premium Ratio                                                | 1.1043      | 1.0269       | 0.9859        | 0.9072       | 0.9072       |              |
| (11) Proposed Collectible Premium Ratio                                               | 1.1040      | 1.0360       | 0.9853        | 0.9022       | 0.9380       |              |
| (12) Change in Collectible Premium Ratio (11) / (10)                                  | 0.9997      | 1.0089       | 0.9994        | 0.9945       | 1.0340       | 1.0026       |
| (13) Change in Residual Market Manual Rate Level (8) * (12)                           | 0.9844      | 0.9935       | 0.9841        | 0.9793       | 1.0182       | 0.9873       |
| (14) Change in Voluntary Market Manual Loss Cost Level (9) * (12)                     | 0.9857      | 0.9948       | 0.9854        | 0.9806       | 1.0195       | 0.9886       |
| (15) Current Offset for Residual Market Surcharge                                     |             |              |               |              |              | 0.9986       |
| (16) Proposed Offset for Residual Market Surcharge                                    |             |              |               |              |              | 0.9987       |
| (17) Adjusted Change in Voluntary Market Manual Loss Cost Level<br>(14) * (16) / (15) | 0.9858      | 0.9949       | 0.9855        | 0.9807       | 1.0196       | 0.9887       |

# DETERMINATION OF TREND

## INDEMNITY

| Policy Year          | 2014     | 2015     | 2016     | 2017     | 2018     | 2019     | 2020     | 2021     | 2022     | 2023      | 2024      |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| Actual Loss Ratio    | 0.8627   | 0.8127   | 0.7613   | 0.6943   | 0.6256   | 0.7085   | 0.5040   | 0.4919   | 0.5116   | 0.4847    | 0.4498    |
| Normalized Frequency | 1.0000   | 1.0368   | 0.8926   | 0.9029   | 0.8087   | 0.7990   | 0.7438   | 0.6577   | 0.6404   | 0.5830    | 0.5887    |
| Severity Loss Ratio  | 0.8627   | 0.7839   | 0.8529   | 0.7690   | 0.7736   | 0.8868   | 0.6776   | 0.7480   | 0.7988   | 0.8314    | 0.7641    |
| <b>x</b>             | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> | <b>10</b> | <b>11</b> |
| <b>y</b>             | 0.8627   | 0.7839   | 0.8529   | 0.7690   | 0.7736   | 0.8868   | 0.6776   | 0.7480   | 0.7988   | 0.8314    | 0.7641    |

|                    | Severity<br>Loss Ratio<br>Trend<br>(including all<br>years) | Severity<br>Loss Ratio<br>Trend<br>(excluding<br>High/Low) |
|--------------------|-------------------------------------------------------------|------------------------------------------------------------|
| Trend<br>Selection |                                                             |                                                            |
| 3 pt               | -2.2%                                                       |                                                            |
| 4 pt               | 1.0%                                                        |                                                            |
| 5 pt               | 3.5%                                                        | -2.2%                                                      |
| 6 pt               | -0.2%                                                       | 1.0%                                                       |
| 7 pt               | <b>0.0%</b>                                                 | 0.5%                                                       |
| 8 pt               | 0.1%                                                        | 0.4%                                                       |
| 9 pt               | -0.5%                                                       | -0.3%                                                      |
| 10 pt              | -0.4%                                                       | -0.2%                                                      |

Selected Annual Trend Factor = **0.0%** (y = 0.780843 \* 0.999945 ^ x)

| Policy<br>Year | Annual<br>Trend Factor<br>(1) | Trend Period<br># Years<br>to 12/1/27<br>(2) | Severity<br>Trend Factor<br>(3) = (1)^(2) | Frequency<br>Trend Factor<br>(4) * |
|----------------|-------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------|
| 2021           | 0.9999                        | 5.9167                                       | 0.9997                                    | 0.6935                             |
| 2022           | 0.9999                        | 4.9167                                       | 0.9997                                    | 0.7377                             |
| 2023           | 0.9999                        | 3.9167                                       | 0.9998                                    | 0.7848                             |
| 2024           | 0.9999                        | 2.9167                                       | 0.9998                                    | 0.8349                             |

## Trended Loss Ratio

| Policy<br>Year | Actual<br>Loss Ratio<br>(5) | Combined<br>Trend Factor<br>(6) = (3)*(4) | Trended<br>Loss Ratio<br>(7) = (5)*(6) |
|----------------|-----------------------------|-------------------------------------------|----------------------------------------|
| 2021           | 0.4919                      | 0.6933                                    | 0.3411                                 |
| 2022           | 0.5116                      | 0.7375                                    | 0.3773                                 |
| 2023           | 0.4847                      | 0.7846                                    | 0.3803                                 |
| 2024           | 0.4498                      | 0.8347                                    | 0.3755                                 |
| Average        |                             |                                           | 0.3686                                 |

\* See Page 12.5 for column (4).

# DETERMINATION OF TREND

## MEDICAL

| Policy Year          | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   | 2024   |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Actual Loss Ratio    | 0.6793 | 0.6640 | 0.6409 | 0.5508 | 0.4507 | 0.4411 | 0.3728 | 0.3596 | 0.3165 | 0.3428 | 0.3105 |
| Normalized Frequency | 1.0000 | 1.0368 | 0.8926 | 0.9029 | 0.8087 | 0.7990 | 0.7438 | 0.6577 | 0.6404 | 0.5830 | 0.5887 |
| Severity Loss Ratio  | 0.6793 | 0.6404 | 0.7181 | 0.6100 | 0.5573 | 0.5521 | 0.5011 | 0.5468 | 0.4941 | 0.5880 | 0.5274 |
| <b>x</b>             | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| <b>y</b>             | 0.6793 | 0.6404 | 0.7181 | 0.6100 | 0.5573 | 0.5521 | 0.5011 | 0.5468 | 0.4941 | 0.5880 | 0.5274 |

| Trend Selection | Severity Loss Ratio Trend (including all years) | CPI-U Trend |
|-----------------|-------------------------------------------------|-------------|
| 3 pt            | 3.3%                                            | 3.1%        |
| 4 pt            | 0.7%                                            | 3.0%        |
| 5 pt            | 1.8%                                            | 3.3%        |
| 6 pt            | 0.4%                                            | 4.0%        |
| 7 pt            | <b>-0.2%</b>                                    | <b>4.3%</b> |
| 8 pt            | -1.2%                                           | 4.2%        |
| 9 pt            | -2.6%                                           | 4.0%        |
| 10pt            | -2.6%                                           |             |
| All Available   | -2.7%                                           |             |

7 Point Exponential Regression = -0.2% ( $y = 0.545518 * 0.998091 ^ x$ )  
CPI-U 7 Point Exponential Regression = 4.3% \*  
**Selected Annual Trend Factor = 2.1%**

| Policy Year | Annual Severity Trend Factor (1) | Trend Period # of Years to 12/1/27 (2) | Severity Trend Factor (3) = (1) ^ (2) | Frequency Trend Factor (4) ** |
|-------------|----------------------------------|----------------------------------------|---------------------------------------|-------------------------------|
| 2021        | 1.0206                           | 5.9167                                 | 1.1283                                | 0.6935                        |
| 2022        | 1.0206                           | 4.9167                                 | 1.1056                                | 0.7377                        |
| 2023        | 1.0206                           | 3.9167                                 | 1.0832                                | 0.7848                        |
| 2024        | 1.0206                           | 2.9167                                 | 1.0613                                | 0.8349                        |

## Trended Loss Ratio

| Policy Year | Actual Loss Ratio (5) | Combined Trend Factor (6) = (3) * (4) | Trended Loss Ratio (7) = (5) * (6) |
|-------------|-----------------------|---------------------------------------|------------------------------------|
| 2021        | 0.3596                | 0.7825                                | 0.2814                             |
| 2022        | 0.3165                | 0.8156                                | 0.2581                             |
| 2023        | 0.3428                | 0.8501                                | 0.2914                             |
| 2024        | 0.3105                | 0.8861                                | 0.2752                             |
| Average     |                       |                                       | 0.2765                             |

\* See page 12.4

\*\* See Page 12.5 for column (4).

**CPI for All Urban Consumers (CPI-U)**  
**12-Month Percent Change and Trends**  
Years: 2018 to 2026

| Year <sup>2</sup> | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2018              | 2.1 | 2.2 | 2.4 | 2.5 | 2.8 | 2.9 | 2.9 | 2.7 | 2.3 | 2.5 | 2.2 | 1.9 |
| 2019              | 1.6 | 1.5 | 1.9 | 2.0 | 1.8 | 1.6 | 1.8 | 1.7 | 1.7 | 1.8 | 2.1 | 2.3 |
| 2020              | 2.5 | 2.3 | 1.5 | 0.3 | 0.1 | 0.6 | 1.0 | 1.3 | 1.4 | 1.2 | 1.2 | 1.4 |
| 2021              | 1.4 | 1.7 | 2.6 | 4.2 | 5.0 | 5.4 | 5.4 | 5.3 | 5.4 | 6.2 | 6.8 | 7.0 |
| 2022              | 7.5 | 7.9 | 8.5 | 8.3 | 8.6 | 9.1 | 8.5 | 8.3 | 8.2 | 7.7 | 7.1 | 6.5 |
| 2023              | 6.4 | 6.0 | 5.0 | 4.9 | 4.0 | 3.0 | 3.2 | 3.7 | 3.7 | 3.2 | 3.1 | 3.4 |
| 2024              | 3.1 | 3.2 | 3.5 | 3.4 | 3.3 | 3.0 | 2.9 | 2.5 | 2.4 | 2.6 | 2.7 | 2.9 |
| 2025 <sup>4</sup> | 3.0 | 2.8 | 2.4 | 2.3 | 2.4 | 2.7 | 2.7 | 2.9 | 3.0 | (X) | 2.7 | 2.7 |
| 2026 <sup>1</sup> | 2.4 | 2.4 | 3.3 | 3.8 | 4.2 | 4.2 | 4.0 | 3.9 | 3.8 | 3.5 | 3.3 | 3.2 |

| Year | 12 Mon<br>Rolling <sup>3</sup><br>CPI-U | CPI-U<br>Index | Period    | CPI-U<br>Exp Fit<br>Trend | Notes                                                                               |
|------|-----------------------------------------|----------------|-----------|---------------------------|-------------------------------------------------------------------------------------|
| 2010 | 1.6                                     | 1.016          | 2010-2017 | 1.5%                      | 1. Values in blue were estimated by using 5 year average monthly changes.           |
| 2011 | 3.0                                     | 1.047          | 2010-2025 | 2.5%                      | 2. CPI-U was not used as the basis for the DE Medical Fee Schedule until 1/31/2018. |
| 2012 | 2.2                                     | 1.070          | 2015-2025 | 3.3%                      | 3. Rolling year average is December of prior year to November of the current year.  |
| 2013 | 1.5                                     | 1.086          | 2016-2025 | 3.6%                      | 4. Data unavailable due to the 2025 lapse in appropriations                         |
| 2014 | 1.7                                     | 1.105          | 2017-2025 | 3.8%                      |                                                                                     |
| 2015 | 0.1                                     | 1.106          |           |                           |                                                                                     |
| 2016 | 1.2                                     | 1.119          |           |                           |                                                                                     |
| 2017 | 2.1                                     | 1.142          |           |                           |                                                                                     |
| 2018 | 2.5                                     | 1.171          |           |                           |                                                                                     |
| 2019 | 1.8                                     | 1.191          | 2018-2026 | 4.0%                      |                                                                                     |
| 2020 | 1.3                                     | 1.207          | 2019-2026 | 4.2%                      |                                                                                     |
| 2021 | 4.2                                     | 1.258          | 2020-2026 | 4.3%                      |                                                                                     |
| 2022 | 8.1                                     | 1.360          | 2021-2026 | 4.0%                      |                                                                                     |
| 2023 | 4.4                                     | 1.419          | 2022-2026 | 3.3%                      |                                                                                     |
| 2024 | 3.0                                     | 1.462          | 2023-2026 | 3.0%                      |                                                                                     |
| 2025 | 2.7                                     | 1.501          | 2024-2026 | 3.1%                      |                                                                                     |
| 2026 | 3.5                                     | 1.553          |           |                           |                                                                                     |

## DETERMINATION OF TREND

### CLAIM FREQUENCY

Policy Year Frequency per \$1 million of Expected Losses

| Policy Year | Claim Frequency | Normalized Frequency |
|-------------|-----------------|----------------------|
| 2014        | 17.41           | 1.0000               |
| 2015        | 18.05           | 1.0368               |
| 2016        | 15.54           | 0.8926               |
| 2017        | 15.72           | 0.9029               |
| 2018        | 14.08           | 0.8087               |
| 2019        | 13.91           | 0.7990               |
| 2020        | 12.95           | 0.7438               |
| 2021        | 11.45           | 0.6577               |
| 2022        | 11.15           | 0.6404               |
| 2023        | 10.15           | 0.5830               |
| 2024        | 10.25           | 0.5887               |

| Policy Year | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   | 2024   |
|-------------|--------|--------|--------|--------|--------|--------|--------|
| <b>x</b>    | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
| <b>y</b>    | 0.8087 | 0.7990 | 0.7438 | 0.6577 | 0.6404 | 0.5830 | 0.5887 |

| Trend Seletion | Frequency Trend |
|----------------|-----------------|
| 3 pt           | -4.1%           |
| 5 pt           | -5.7%           |
| 7 pt           | <b>-6.0%</b>    |
| 10 pt          | -6.2%           |

Selected Annual Trend: -6.0% ( $y = 0.875051 * 0.940005 ^ x$ )

| Policy Year | Annual Trend Factor<br>(1) | # of Years to 12/1/27<br>(2) | Frequency Trend Factor<br>(3) = (1)^(2) |
|-------------|----------------------------|------------------------------|-----------------------------------------|
| 2021        | 0.9400                     | 5.9167                       | 0.6935                                  |
| 2022        | 0.9400                     | 4.9167                       | 0.7377                                  |
| 2023        | 0.9400                     | 3.9167                       | 0.7848                                  |
| 2024        | 0.9400                     | 2.9167                       | 0.8349                                  |