DELAWARE COMPENSATION RATING BUREAU, INC.

Review of Experience Rating Plan Parameters

Page 20.1 contains Collectible Premium Ratios.

Page 20.2 contains Expected Loss Rate Factors. They are applied to residual market rates by classification to produce Table A, Expected Loss Factors, which are the basis for the calculation of Expected Losses.

Page 20.3 contains the derivation of various factors, i.e. maximum single loss size, self-rating point, that are used to produce Table B.



COLLECTIBLE PREMIUM RATIOS*

Manual Years 2020 to 2022 Market Profile Report Data

| | | | Collectible | | | | | | |
|---------------------------|----------------|---|---------------|--|--|--|--|--|--|
| Manual | Premium at | Collected Premium | Premium | | | | | | |
| Year | Manual Rates | (Excluding Constants) | Ratio (2)/(3) | | | | | | |
| (1) | (2) | (3) | (4) | | | | | | |
| | | | | | | | | | |
| | ALL INDUSTRIES | | | | | | | | |
| 2020 | 373,041,169 | 403,558,682 | 0.9244 | | | | | | |
| 2021 | 372,982,943 | 408,832,622 | 0.9123 | | | | | | |
| 2022 | 294,194,390 | 307,636,656 | 0.9563 | | | | | | |
| | | | | | | | | | |
| TOTAL | 1,040,218,502 | 1,120,027,960 | 0.9287 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | MANUFAC | at Collected Premium Ratio (2)/(3) (3) (4) ALL INDUSTRIES 1,169 403,558,682 0.9244 2,943 408,832,622 0.9123 4,390 307,636,656 0.9563 8,502 1,120,027,960 0.9287 MANUFACTURING AND UTILITIES 1,108 45,103,109 1.0239 3,740 39,606,158 1.1300 4,406 31,401,034 1.0676 2,254 116,110,301 1.0719 CONTRACTING AND QUARRYING 1,129 79,661,315 1.0152 3,990 74,697,851 1.0172 3,990 74,697,851 1.0172 3,446 64,231,447 1.0225 3,565 218,590,613 1.0180 OTHER INDUSTRIES 8,932 278,794,258 0.8823 7,213 294,528,613 0.8564 1,538 212,004,175 0.9198 | | | | | | | |
| 2020 | 46,181,108 | 45 103 109 | 1 0239 | | | | | | |
| 2021 | 44,756,740 | | | | | | | | |
| 2022 | 33,524,406 | | | | | | | | |
| | ,- , | | | | | | | | |
| TOTAL | 124,462,254 | 116,110,301 | 1.0719 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| CONTRACTING AND QUARRYING | | | | | | | | | |
| 2020 | 80,871,129 | 79,661,315 | 1.0152 | | | | | | |
| 2021 | 75,978,990 | 74,697,851 | 1.0172 | | | | | | |
| 2022 | 65,678,446 | 64,231,447 | 1.0225 | | | | | | |
| A | | | | | | | | | |
| TOTAL | 222,528,565 | 218,590,613 | 1.0180 | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | ОТ | HER INDUSTRIES | | | | | | | |
| 2020 | 245,988,932 | 278.794.258 | 0.8823 | | | | | | |
| 2021 | 252,247,213 | | | | | | | | |
| 2022 | 194,991,538 | | | | | | | | |
| | , , | , , | | | | | | | |
| TOTAL | 693,227,683 | 785,327,046 | 0.8827 | | | | | | |
| | | | | | | | | | |

^{*} Excludes classifications and coverages not subject to experience rating.

EXPECTED LOSS RATE FACTORS

CALCULATION OF EXPECTED LOSS RATE FACTORS

| Policy Year | Average | Adjustment | Loss Ratio | Expense | | Product | Expected Loss Rate | | | |
|-----------------------------|------------|------------------|-------------|---------------|--------|-----------------|--------------------|--|--|--|
| Beginning | Law | Factor | Development | Allowance * | Trend | (2) * (3) * (4) | Factor | | | |
| 12/1 | Multiplier | | Factor | 1 / (PLR/CPR) | Factor | * (5) * (6) | 1.0 / (7) | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | | |
| Manufacturing and Utilities | | | | | | | | | | |
| 2019 | 1.0391 | 1.0000 | 1.1760 | 1.7997 | 1.0579 | 2.3265 | 0.4298 | | | |
| 2020 | 1.0334 | 1.0000 | 1.2627 | 1.7997 | 1.0429 | 2.4491 | 0.4083 | | | |
| 2021 | 1.0265 | 1.0000 | 1.4899 | 1.7997 | 1.0283 | 2.8303 | 0.3533 | | | |
| Contracting and Quarrying | | | | | | | | | | |
| 2019 | 1.0391 | 1.0000 | 1.1791 | 1.7092 | 1.0579 | 2.2154 | 0.4514 | | | |
| 2020 | 1.0334 | 1.0000 | 1.3431 | 1.7092 | 1.0429 | 2.4741 | 0.4042 | | | |
| 2021 | 1.0265 | 1.0000 | 1.6498 | 1.7092 | 1.0283 | 2.9765 | 0.3360 | | | |
| Other Industries | | | | | | | | | | |
| 2019 | 1.0391 | 1.0000 | 1.1770 | 1.4820 | 1.0579 | 1.9175 | 0.5215 | | | |
| 2020 | 1.0334 | 1.0000 | 1.3159 | 1.4820 | 1.0429 | 2.1018 | 0.4758 | | | |
| 2021 | 1.0265 | 1.0000 | 1.5087 | 1.4820 | 1.0283 | 2.3601 | 0.4237 | | | |
| * | Permissil | ole Loss Ratio = | 0.5956 | | | | | | | |
| | | emium Ratios | | | | | | | | |
| | | Manufacturing = | 1.0719 | | | | | | | |
| | | Contracting = | 1.0180 | | | | | | | |

Contracting = 1.0180 All Other = 0.8827

Experience Rating Plan Parameters

