

### **Overview**

#### **Key Takeaways**

- Identify necessary information for calculations
- Derive DSR Premium using these details

### Agenda

- Purpose of DSR Level Premium
- DSR Premium General Information
- DSR Levels
- Deviation History
- Deriving Financial Call Premium
  - Calculating the Average Deviation
  - Extending Exposures
- Questions

# **Purpose of DSR Level Premium**

### What Is DSR Level Premium?

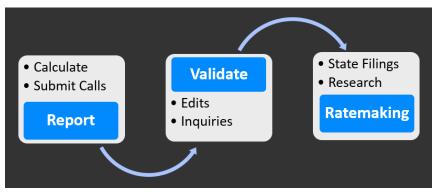
- DSR Level Premium core purpose:
  - The standard earned premium that would result if your business was written at NCCI's approved loss costs or rates instead of your company's rates
  - Common benchmark level at which carriers report premium on the Financial Calls
  - o Used to determine adequacy of current filed and approved loss costs or rate levels

#### **Example of DSR vs. Standard Premium in a Loss Cost State**

| To calcul<br>loss cost |           | el Premium, ex    | posure is multiplied by the approved |
|------------------------|-----------|-------------------|--------------------------------------|
| Class<br>Code          | Payroll   | NCCI<br>Loss Cost | NCCI DSR Level Premium               |
| 1234                   | 4,000,000 | 3.00              | (4,000,000 /100) x 3.00 = 120,000    |
| calcul<br>mpany        |           | y Standard Pre    | mium, exposure is multiplied by the  |
| Class<br>Code          | Payroll   | Company<br>Rate   | Company Standard Premium             |
| 1234                   | 4,000,000 | 4.00              | (4,000,000 /100) x 4.00 = 160,000    |



#### **DSR Premium Process**



# **DSR Premium General Information**

#### **Resources on ncci.com**

- Financial Call Reporting Guidebook
  - o #1 go-to resource for all things Financial data, including DSR
- Basic Manual
  - Premium elements that are filed by NCCI
  - State-specific premium algorithms
- Financial Data Compliance Form
  - o Checklist for common data component reporting
- NCCI Circulars
  - o Announces important information about reporting requirements or system changes
- Assigned Financial Data Validator
  - o Answer your questions and assist with everything Financial Call related

### **Premium Components Summary Chart**

#### Financial Call Reporting Guidebook

Part 5—Financial Call Components

|        | Premium Components Summary Chart  |               |                     |                   |                     |     |  |  |  |  |
|--------|---|---------------|---------------------|-------------------|---------------------|-----|--|--|--|--|
| Part 5 |   |               |                     | R Level Is<br>tes | When DSR<br>Loss Co |     |  |  |  |  |
|        | Component   | Net           | Company<br>Standard | DSR               | Company<br>Standard | DSR |  |  |  |  |
| 1      | Assigned Risk Adjustment Program<br>(ARAP)                                | х             | x                   | х                 |                     |     |  |  |  |  |
| 2      | Balance to Minimum Premium<br>Adjustment                                  | х             | x                   | х                 | x                   |     |  |  |  |  |
| 3      | Catastrophe and Terrorism Provisions<br>(e.g., DTEC, TRIA, TRIEA, TRIPRA) | Do Not Report |                     |                   |                     |     |  |  |  |  |
| 4      | Company Loss Constant   | х             | Х                   |                   | Х                   |     |  |  |  |  |
| 5      | Consent to Rate   | х             | Х                   |                   | Х                   |     |  |  |  |  |
| 6      | Contracting Classification Premium<br>Adjustment Program (CCPAP)          | х             | x                   | х                 | x                   | х   |  |  |  |  |
| 7      | Deductible Coverage—Premium Credits                                       | х             |                     |                   |                     |     |  |  |  |  |

**Note:** An "X" denotes that the component is included in the column. Shaded cells reflect that the component is either not applicable in that rating environment or not applicable to that premium level.



### **Sample Premium Algorithm**

|   |  | 1  |               |
|---|--|--|---------------|
|   | PREMIUM ELEMENTS   | EXPLANATORY NOTES  |               |
|   | MANUAL PREMIUM   | [(PAYROLL / 100) * RATE]   |               |
| + | Supplementary Disease (foundry, abrasive,<br>sandblasting)       | [(SUBJECT PAYROLL / 100) * DISEASE RATE]   |               |
| + | USL&H Exposure for non-F classification codes                    | [(SUBJECT PAYROLL / 100) * (RATE * USL&H<br>FACTOR)]   |               |
| Г | TOTAL MANUAL PREMIUM   |  | ]             |
| + | Waiver of Subrogation factor <sup>™</sup>                        | [% applied to the portion of Total Manual<br>Premium where waiver is applicable, subject to<br>minimum charge] | ]             |
| + | Employers Liability (E/L) increased limits factor                | [% applied to Total Manual Premium]  | ]             |
|   | Employers Liability increased limits charge                      | [Balance to E/L increased limits minimum<br>premium]   |               |
| Ľ | Employers Liability increased limits factor (Admiralty,<br>FELA) | [Factor applied to the portion of Manual Premium<br>where Admiralty/FELA coverage is applied]                  |               |
| + | Employers Liability/Voluntary Compensation flat charge           | [Coverage in Monopolistic State Funds]   |               |
| F | Small Deductible credit  | [% applied to Total Manual Premium]  | 1             |
| Γ | SUBJECT PREMIUM  |  | 1             |
|   | Drug-Free Workplace Premium Credit factor (1 — DFW<br>Credit %)  | European formation of  | 1             |
| Г | TOTAL SUBJECT PREMIUM  | Excerpt from the <b>B</b>  | asic ivianuai |
| x | Experience Modification (Exp Mod)                                |  |               |
| Г | TOTAL MODIFIED PREMIUM   |  | 1             |
|   | Merit Rating factor (1 — MR credit %) or (1 + MR debit<br>%)     | [Non-rated risks]  | ]             |
|   | Schedule Rating factor (1 — SR credit %) or (1 + SR debit %)     |  | ]             |
| + | Supplemental Disease Exposure (Asbestos, [NOC])[1]               |  |               |
| + | Atomic Energy Radiation Exposure[NOC][1]                         |  | 1             |

### **Financial Data Compliance Form**

| Financial Data Compliance Form  |  |                    |            |          |  |  |  |  |  |
|---|--|--------------------|------------|----------|--|--|--|--|--|
| Pa  | rt 1—Self-Audit—Checklist  |                    |            |          |  |  |  |  |  |
|   | ion B: Financial Call Components<br>Premiums (unless otherwise noted, for additional details, see Part 5 of the <i>Finan</i> c   | ial Call Reporting | Guidebook) |          |  |  |  |  |  |
| #   | Item   | Opti               | ions       | Comments |  |  |  |  |  |
| 33  | Consent to Rate deviations are included in Company Standard and Net premium but<br>excluded from DSR Level premium   | Confirmed Review   | ~ ~        |          |  |  |  |  |  |
| 40  | DSR Level premium reflects the approved rates or loss costs designated for each<br>policy year ( <i>Reporting Guidebook</i> , Part 7, E)   | Confirmed Review   | ~ ~        |          |  |  |  |  |  |
| <b>Part 2—Self-Audit—Additional Details</b><br>Please provide a brief description in response to the following three items. |  |                    |            |          |  |  |  |  |  |
|   | Item   |                    |            | Comments |  |  |  |  |  |
|   | 1 The method used to determine premium at the Designated Statistical Reporting Level as reported in Column 1 of Call #3. (For details, refer to Part 7 of the Financial Call Reporting Guidebook.) |                    |            |          |  |  |  |  |  |
|   | Note: The Financial Data Compliance Form is not a complete list of all reporting requirements.   |                    |            |          |  |  |  |  |  |

- Directly relates to premium and other components completed in the *Financial Data Collection (FDC)* tool
- Cross check as you prepare financial calls
- Answering these questions ensures you are reporting your data accurately
- Assists NCCI in the validation process
- Does not contain a complete list of all reporting requirements



#### **Knowledge Check**

- 1. What is the main purpose of DSR Level Premium?
- 2. What resource contains the state Premium Algorithms?
- 3. The Financial Data Compliance Form contains questions about the handling of many Financial data components.

#### True or False?

4. According to the Premium Components Summary Chart, Consent to Rate Premium should be included in DSR for both Loss Cost and Rate states?

| es or No? |   | Premium Components Summary Chart  |     |                            |             |                                 |     |  |  |
|-----------|---|---|-----|----------------------------|-------------|---------------------------------|-----|--|--|
|           |   |   |     | When DSR Level Is<br>Rates |             | When DSR Level Is<br>Loss Costs |     |  |  |
|           |   | Component   | Net | Company<br>Standard        | DSR         | Company<br>Standard             | DSR |  |  |
|           | 1 | Assigned Risk Adjustment Program<br>(ARAP)                                | х   | x                          | х           |                                 |     |  |  |
|           | 2 | Balance to Minimum Premium<br>Adjustment                                  | х   | x                          | х           | x                               |     |  |  |
|           | 3 | Catastrophe and Terrorism Provisions<br>(e.g., DTEC, TRIA, TRIEA, TRIPRA) |     | Ĺ                          | Do Not Repo | rt                              |     |  |  |
|           | 4 | Company Loss Constant   | Х   | X                          |             | X                               |     |  |  |
|           | 5 | Consent to Rate   | Х   | Х                          |             | X                               |     |  |  |
|           | 6 | Contracting Classification Premium<br>Adjustment Program (CCPAP)          | х   | x                          | х           | x                               | х   |  |  |
|           | 7 | Deductible Coverage—Premium Credits                                       | х   |                            |             |                                 |     |  |  |

#### Ye



## **DSR Levels**

### **Questions to Consider**

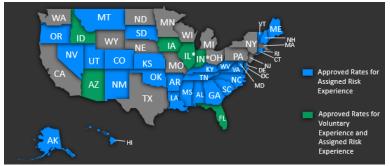
Responses to these questions will affect how you drive the DSR Level Premium:

- What DSR Levels were in effect through the year?
  - o There may be more than one set of approved NCCI loss costs or rates for a given policy year
- What loss cost multipliers (LCMs) were in effect through the year by the carrier?
  - Enter LCMs or rate deviations in *FDC*
- What NCCI filed and approved loss costs did you use through the year?
  - Did you adopt the most recently approved on the approval date, or are you using an older set of loss costs?
- New and renewal—Did laws change or judicial decision affect outstanding policies?

### State DSR Levels—Approved Loss Costs



### State DSR Levels—Approved Rates



### State DSR Levels—Texas

- NCCI Filed and Approved Loss Costs
- TDI Rate Relativities
- Starting 7/1/2020—Only NCCI Loss Costs





**State DSR Levels** 

2020

•

Financial Call Reporting Guidebook—Part 7

#### Financial Data Collection Tool

Each column represents a different state Designated Statistical Reporting Levels-Effective Dates (District of Columbia-Indiana) District of Georgia Policy Year Columbia Hawaii Indiana <u>2024</u> 3/1/24 lc 1/1/24 lo 1/1/24 rates 1/1/24 rates 2023 11/1/23 lc 3/1/23 k 1/1/23 1/1/23 rat 2022 11/1/22 lc 3/1/22 lc 1/1/22 lc 1/1/22 rates 1/1/22 rates 2021 11/1/21 lc 3/1/21 lc 1/1/21 lc 1/1/21 rates 1/1/21 rates

1/1/20 lc

1/1/20 rates

Each row is a new set of approved loss costs or rates Each level stays in effect until the next approval

11/1/20 lc

### State DSR Levels—Illinois and Indiana

3/1/20 lc

- NCCI publishes both the approved loss costs and rates
- DSR must be reported at rate level on Financial Calls
  - If your company uses loss costs instead of rates, convert your LCMs to deviations from rates

1/1/20 rates

- For Illinois, multiply LCM by the Permissible Loss Rating (PLR)
  - For Indiana, multiply LCM by the Target Cost Ratio (TCR)
- PLR and TCR found in the respective State Filing circulars and Part 7 of the *Financial Call Reporting Guidebook*

### **Illinois and Indiana Deviation Conversions Practice**

IL 2023 PLR = 0.604 LCM 1.700 \* PLR 0.604 = Deviation from rates of 1.027

IN 2023 TCR = 0.725 LCM 1.200 \* TCR 0.725 = Deviation from rates of 0.870





#### **Texas DSR Levels**

History

| Policies Effective         | DSR Level  |
|----------------------------|--|
| Prior to 6/1/2011          | TDI relativities   |
| 6/1/2011 through 6/30/2020 | TDI relativities or NCCI filed and state approved loss costs |
| 7/1/2020 and subsequent    | NCCI loss costs  |

| Policy Year | Texas   |  |  |
|-------------|---|--|--|
| 2023        | <u>7/1/23 lc</u>                                      |  |  |
| 2022        | 7/1/22 lc   |  |  |
| 2021        | 7/1/21 lc   |  |  |
| 2020        | 7/1/20 lc   |  |  |
| 2019        | 7/1/19 lc <sup>1</sup><br>7/1/19 TDI rel <sup>1</sup> |  |  |

DSR Level is based on carrier filing, no conversions.

#### **NCCI Filings**

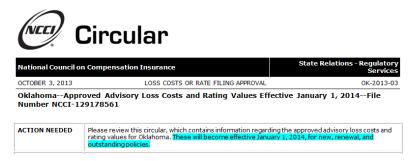
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Approved loss costs and rates can be found in applicable state approval circulars.

Example: Filing applicable to new and renewal policies.

|                    | Circular  |  |
|--------------------|---|--|
| National Council o | n Compensation Insurance St   | ate Relations - Regulatory<br>Services |
| OCTOBER 15, 2018   | LOSS COSTS OR RATE FILING<br>APPROVAL   | IL-2018-08                             |
|                    | ry MarketApproval of Voluntary Advisory Rates, Lo<br>January 1, 2019  | oss Costs, and Rating                  |
| ACTION NEEDED      | Please review this circular, which contains information on accepted v<br>costs, and rating values for Illinois. These will become effective Janu<br>renewal policies. |  |

Example: Filing applicable to new, renewal, and all outstanding policies.





#### Oklahoma Adjustment to Outstanding Policies In-Force on February 1, 2014

Example: Circulars will contain methods for adjusting premium on outstanding policies, if applicable.

This example provides a scaled table in order to calculate premium adjustments needed. For example, a policy effective in June 2013 will have its loss cost premium reduced by 4.3% to 5.4% depending on the day of the month in which it became effective.

|                            | Impact of Oklahoma Senate Bill 1062<br>(Effective February 1, 2014) = | -12.9%  |      |                     |
|----------------------------|---|---------|------|---------------------|
| For Policies               | Unexpired Policy Portion  | Adjus   | tme  | ent to              |
| Effective in               | as of February 1, 2014  | Loss Co | st P | remium <sup>2</sup> |
| February, 2013             | up to 1 month   | 0.0%    | -    | -1.1%               |
| March, 2013                | up to 2 months  | -1.1%   | -    | -2.2%               |
| April, 2013                | up to 3 months  | -2.2%   | -    | -3.2%               |
| May, 2013                  | up to 4 months  | -3.2%   | -    | -4.3%               |
| June, 2013                 | up to 5 months  | -4.3%   | -    | -5.4%               |
| July, 2013                 | up to 6 months  | -5.4%   | -    | -6.5%               |
| August, 2013               | up to 7 months  | -6.5%   | -    | -7.5%               |
| September, 2013            | up to 8 months  | -7.5%   | -    | -8.6%               |
| October, 2013              | up to 9 months  | -8.6%   | -    | -9.7%               |
| November, 2013             | up to 10 months   | -9.7%   | -    | -10.8%              |
| December, 2013             | up to 11 months   | -10.8%  | -    | -11.8%              |
| January, 2014 <sup>3</sup> | up to 12 months   | 0.0%    | -    | 0.0%                |

<sup>1</sup> Claims failing under State Act coverage are estimated to represent a relatively small proportion of the Oktahoma voluntary loss costs for Federal and some Maritme/FELA classifications. As a result, the adjustment to outstanding policies in force does on a dapy to "FC tasses and the following Maritime/FELA codes: 6703, 7047, 7050, 7099, 7152, 7337, 7398, 8738, and 8815.

<sup>2</sup> Adjustment will vary based on the day of the month in which the policy became effective.

<sup>3</sup> The impact of Senate Bill 1062 on policies written in January 2014 is already reflected in the loss cost level change effective January 1, 2014 for new and renewal policies.

| De          | Designated Statistical Reporting Levels—Effective Dates (Kansas–Maryland) |                          |                  |                        |                  |  |  |  |  |  |
|-------------|---|--------------------------|------------------|------------------------|------------------|--|--|--|--|--|
| Policy Year | Kansas  | Kentucky                 | Louisiana        | Maine                  | Maryland         |  |  |  |  |  |
| 2023        | <u>1/1/23 lc</u>  | <u>171723 lc</u>         | 5/1/23 lc        | <u>4/1/23 lc</u>       | <u>1/1/23 lc</u> |  |  |  |  |  |
| 2022        | <u>1/1/22 lc</u>  | <u>1/1/22 lc</u>         | <u>5/1/22 lc</u> | <u>4/1/22 lc</u>       | <u>1/1/22 lc</u> |  |  |  |  |  |
| 2021        | 1/1/21 lc   | 1/1/21 lc                | 5/1/21 lc        | 4/1/21 lc              | 1/1/21 lc        |  |  |  |  |  |
| 2020        | 1/1/20 lc   | 10/1/19 lc               | 5/1/20 lc        | 4/1/20 lc<br>1/1/20 lc | 1/1/20 lc        |  |  |  |  |  |
| 2019        | 1/1/19 lc   | 10/1/19 lc               | 5/1/19 lc        | 4/1/19 lc              | 1/1/19 lc        |  |  |  |  |  |
| 2018        | 1/1/18 lc   | 10/1/18 lc<br>7/14/18 lc | 5/1/18 lc        | 4/1/18 lc              | 1/1/18 lc        |  |  |  |  |  |
| 2017        | 1/1/17 lc   | 10/1/17 lc<br>7/1/17 lc  | 5/1/17 lc        | 4/1/17 lc              | 1/1/17 lc        |  |  |  |  |  |

### **Determining DSR Levels**

| PY 2018                |  |                                |  |  |  |  |
|------------------------|--|--------------------------------|--|--|--|--|
| Policy Effective Dates |  | NCCI DSR Level Effective Dates |  |  |  |  |
| 1/1/2018-7/13/2018     |  | 10/1/2017 Loss Costs           |  |  |  |  |
| 7/14/2018-9/30/2018    |  | 7/14/2018 Loss Costs           |  |  |  |  |
| 10/1/2018-12/31/2018   |  | 10/1/2018 Loss Costs           |  |  |  |  |



### **Determining DSR Levels**

| Policy Year | Kansas           | Kentucky                 | Louisiana        | Maine                  | Maryland         |  |
|-------------|------------------|--------------------------|------------------|------------------------|------------------|--|
| <u>2023</u> | <u>1/1/23 lc</u> | <u>1/1/23 lc</u>         | 5/1/23 lc        | <u>4/1/23 lc</u>       | <u>1/1/23 lc</u> |  |
| 2022        | <u>1/1/22 lc</u> | <u>1/1/22 lc</u>         | <u>5/1/22 lc</u> | <u>4/1/22 lc</u>       | <u>1/1/22 lc</u> |  |
| 2021        | 1/1/21 lc        | 1/1/21 lc                | 5/1/21 lc        | 4/1/21 lc              | 1/1/21 lc        |  |
| 2020        | 1/1/20 lc        | 10/1/19 lc               | 5/1/20 lc        | 4/1/20 lc<br>1/1/20 lc | 1/1/20 lc        |  |
| 2019        | 1/1/19 lc        | 10/1/19 lc               | 5/1/19 lc        | 4/1/19 lc              | 1/1/19 lc        |  |
| 2018        | 1/1/18 lc        | 10/1/18 lc<br>7/14/18 lc | 5/1/18 lc        | 4/1/18 lc              | 1/1/18 lc        |  |
| 2017        | 1/1/17 lc        | 10/1/17 lc<br>7/1/17 lc  | 5/1/17 lc        | 4/1/17 lc              | 1/1/17 lc        |  |

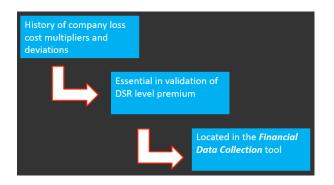
#### Designated Statistical Reporting Levels—Effective Dates (Kansas–Maryland)

### Handout Exercise: Can you determine the DSR Levels for KY for PY 2019?

|                        | PY 2019 |                                |
|------------------------|---------|--------------------------------|
| Policy Effective Dates |         | NCCI DSR Level Effective Dates |
|                        |         |                                |
|                        |         |                                |



# **Deviation History**



### **Deviations Screen in Financial Data Collection**

- Update your company deviation history for current year and later
- Entries prior to current year—Contact your financial data validator
- Use the deviation worksheet in the *Financial Call Reporting Guidebook*, Part 3, to ensure you capture all necessary information for entries

|        |         |       |          | 1<br>Carrier<br>Effective | 2<br>NCCI<br>Effective | 3<br>Rolling<br>Multiplier            | 4<br>Carrier<br>Deviation |
|--------|---------|-------|----------|---------------------------|------------------------|---------------------------------------|---------------------------|
| Search | Results |       |          |                           |                        |                                       |                           |
| + DEV  | VIATION | State | Filed By | Carrier<br>Effective      | NCCI Effective         | Rolling<br>Multiplier<br>(Auto-Adopt) | Carrier Deviation         |
| 1      |         | KS    | 16962    | 01/01/2023                | 01/01/2023             | No                                    | 0.725                     |
| 1      | î       | KS    | 16962    | 04/01/2019                | 01/01/2019             | Yes                                   | 1.500                     |

### **Deviations in Effect During the Year**

- 1. **Carrier Effective:** Contained in approved filing. This is the date you can start using the company rates and deviations in that filing
- 2. NCCI Effective: The effective date of the NCCI loss costs or rates on which you are basing your company rates
- 3. Rolling Multiplier:
  - o Not available in all states
  - Indicates you are choosing to adopt future approved NCCI loss cost or rate filings on the date they become effective, without changing your deviation amount, until you file a new deviation
  - $\circ$   $\;$  Avoids redundant entries for subsequent NCCI filings



- 4. **Carrier Deviation:** The amount by which you are deviating from NCCI approved loss costs or rates to calculate your company rates
  - When entering in the *FDC* tool, always entered as the amount minus 1.
     *Example*:
     Effective Date of Deviation = 1/1/2018, Loss Cost Multiplier = 1.725

- 5. Percentage Icon: Indicates whether the Deviation Amount displayed is:
  - o A single deviation that applies to all class codes, or tiers of business (Filed)
  - A weighted average of two or more deviations (Calculated)
  - o Informational only and will not affect the actual edit checks to validate your reported premium

|       |          |       |          | Carrier<br>Effective | 14             | 2 Rolling<br>Multiplier               | 3 Carrier<br>Deviation |
|-------|----------|-------|----------|----------------------|----------------|---------------------------------------|------------------------|
| earch | n Result | ts    |          |                      |                |                                       |                        |
| + DEV | VIATION  | State | Filed By | Carrier<br>Effective | NCCI Effective | Rolling<br>Multiplier<br>(Auto-Adopt) | Carrier Deviation      |
| 1     |          | KS    | 16962    | 01/01/2023           | 01/01/2023     | No                                    | 0.725                  |
| 1     | Î        | KS    | 16962    | 04/01/2019           | 01/01/2019     | Yes                                   | 1.500 🤣                |

#### **Deviation Review**

Example: areas to review for accuracy and completeness:

- 1. Large gaps between effective dates could indicate missing deviations
- 2. Changes in Rolling Multiplier and Nonrolling Multiplier should be verified
- 3. Significant change in deviation amounts between two successive entries—not necessarily wrong, but uncommon

#### **Deviation Updates**

When adding a new deviation to your history in FDC:

- Use the LCM/rate deviation worksheet in the *Financial Call Reporting Guidebook*, Part 3, to capture all necessary information for entries
- Use the information in the applicable filing to complete
- To make your entries in *FDC* or send to your assigned validator
- Use the correct NCCI Carrier Code and Group Code for each entry



### Loss Cost Multiplier (LCM)/Rate Deviation Worksheet

| Information in Carrier Filing  | Premium   | Distribution   | Current<br>LCM | Proposed<br>LCM |  |
|--|---|----------------|----------------|-----------------|--|
| Group Code: 16962<br>Carrier Code: 16962   | \$539,297<br>\$1,000,000                                    | 17.4%<br>32.3% |                | 1.666           |  |
| State: Kansas  | \$1,552,975   | 50.2%          |                | 1.960           |  |
| <ul> <li>NCCI Filing Effective Date: 1/1/2020</li> <li>Carrier Effective Date: 3/1/2020</li> </ul> | \$3,092,272   | 100.0%         | 1.937          | 2.020           |  |
| <ul> <li>Rolling Multiplier: Y</li> </ul>  | Current Weighted Multiplier<br>Proposed Weighted Multiplier |                |                | 1.937<br>2.020  |  |

| Group Code:                                  |                  |                       |
|--|------------------|-----------------------|
| State:                                       |                  |                       |
| Active Flag: (Default = Yes)                 |                  |                       |
| Carrier Code:                                |                  |                       |
| Carrier Deviation Effective Date:            |                  |                       |
| NCCI DSR Level Effective Date:               |                  |                       |
| Rolling Multiplier? <sup>1</sup> (Yes or No) |                  |                       |
| Filed/Calculated? <sup>2</sup>               |                  |                       |
| Deviation Amount:                            | Deviation Amount | % of Business Written |
| Indicate the Deviation Amount and % of       |                  |                       |
| Business Written to which the Deviation      |                  |                       |
| Amount applies.                              |                  |                       |
| For a Loss Cost Multiplier, Deviation        |                  |                       |
| Amount = (LCM - 1.0).                        |                  |                       |
| For a Rate Deviation, Deviation Amount =     |                  |                       |
| Rate Deviation expressed as a decimal.       |                  |                       |
| The sum of % of Business Written must        |                  |                       |
| egual 100%.                                  |                  | 100%                  |
|  |                  |                       |

<sup>1</sup> Not all states allow a choice of Rolling or Non-rolling Multipliers. If a state allows only one type, you can select only that type in *Financial Data Collection*.

<sup>2</sup> "Filed" means a single deviation applies to all class codes. "Calculated" means there are two or more deviations in the filing.

# **Deriving Financial Call Premiums**

#### **Deriving Net, Company Standard, and DSR Premiums**

| Premium Type | Basis                  | Notes                                      | Financial Call<br>Reporting Guidebook<br>Reference |
|--------------|------------------------|--|--|
| Net Premium  | Start with premium     | Components removed include:                | Part 5   |
|              | reported on NAIC       | Large Deductible Policies                  | Part 6   |
|              | Annual Statement       | Catastrophe and Terrorism                  | Part 9—Call 8 Section                              |
|              |                        | <ul> <li>Florida Excess Profits</li> </ul> |  |
|              |                        | Policyholder Dividends                     |  |
| Company      | Start with Net Premium | Make necessary adjustments.                | Part 5   |
| Standard     |                        | Components removed include:                | Part 6   |
| Premium      |                        | Premium Discounts                          | Part 9   |
|              |                        | <ul> <li>Schedule Rating</li> </ul>        |  |
|              |                        | <ul> <li>Deductible Coverage—</li> </ul>   |  |
|              |                        | Premium Credits                            |  |
|              |                        | <ul> <li>Short-Rate Penalty</li> </ul>     |  |
| DSR Premium  | Start with Company     | Make necessary adjustments.                | Part 5   |
|              | Standard Premium       | Components removed include:                | Part 6   |
|              |                        | <ul> <li>Expense Constants</li> </ul>      | Part 9   |
|              |                        | <ul> <li>Balance to Minimum</li> </ul>     |  |
|              |                        | Premium                                    |  |
|              |                        | <ul> <li>Loss Cost Multipliers</li> </ul>  |  |
|              |                        | (LCM)/Deviations                           |  |

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| Deriving Net Premium—Example<br>Alabama Policy Year 2023 Premium |                             |  |  |  |  |  |  |
|--|-----------------------------|--|--|--|--|--|--|
| Policy Period  | 1/1/2023 Through 12/31/2023 |  |  |  |  |  |  |
| Annual Statement* Net Premium                                    | \$8,000,000                 |  |  |  |  |  |  |
| Large Deductible (LD) Policies                                   | \$2,900,000                 |  |  |  |  |  |  |
| Catastrophe and Terrorism  | \$100,000                   |  |  |  |  |  |  |
| NCCI Net Premium   | \$5,000,000                 | NAIC Net Premium – LD Policies – Cat and<br>Terrorism<br>\$8,000,000 – (\$2,900,000) – (\$100,000) |  |  |  |  |  |

# Deriving Company Standard Premium—Example

| Alabama Policy Year 2023 Premium    |                             |  |  |  |  |  |  |
|-------------------------------------|-----------------------------|--|--|--|--|--|--|
| Policy Period                       | 1/1/2023 Through 12/31/2023 |  |  |  |  |  |  |
| Annual Statement* Net Premium       | \$8,000,000                 |  |  |  |  |  |  |
| Large Deductible Policies           | \$2,900,000                 |  |  |  |  |  |  |
| Catastrophe and Terrorism           | \$100,000                   | NAIC Net Premium – LD Policies – Cat and   |  |  |  |  |  |
| NCCI Net Premium                    | \$5,000,000                 | Terrorism<br>\$8,000,000 - (\$2,900,000) - (\$100,000)   |  |  |  |  |  |
| Schedule Rating                     | -\$500,000                  | 28'000'000 - (25'300'000) - (2100'000)   |  |  |  |  |  |
| Premium Discounts                   | -\$30,000                   |  |  |  |  |  |  |
| Deductible Coverage—Premium Credits | -\$800,000                  |  |  |  |  |  |  |
| Short-Rate Penalty                  | \$20,000                    | NCCI Not Promium - Schodulo Poting - Promiumo Discounte  |  |  |  |  |  |
| NCCI Company Standard Premium       | \$6,310,000                 | NCCI Net Premium – Schedule Rating – Premiums Discounts –<br>Deductible Credits – Short Rate Penalty<br>\$5,000,000 – (– \$500,000) – (– \$30,000) – |  |  |  |  |  |
|                                     |                             | (- \$800,000) - (\$20,000)<br>(- \$800,000) - (\$20,000)   |  |  |  |  |  |



### **Deriving DSR Premium**

| Alabama Policy Year 2023 Premium  |                                |   |  |  |  |  |
|-----------------------------------|--------------------------------|---|--|--|--|--|
| Policy Period                     | 1/1/2023 Through<br>12/31/2023 |   |  |  |  |  |
| NCCI Company Standard Premium     | \$6,310,000                    |   |  |  |  |  |
| Company Selected Expense Constant | \$350,000                      |   |  |  |  |  |
| Balance to Minimum Premium        | \$260,000                      |   |  |  |  |  |
| Subtotal                          | \$5,700,000                    | NCCI CS Premium – Expense Constant –<br>Balance to Minimum Premium<br>\$6,310,000 – \$350,000 – \$260,000 |  |  |  |  |
| Filed and Approved LCM            | 1.50                           | \$0,310,000 \$330,000 \$200,000   |  |  |  |  |
| NCCI DSR Premium                  | \$3,800,000                    | Sub Total / LCM<br>\$5,700,000 / 1.50   |  |  |  |  |



#### **Calculating DSR Premium**

General Approaches:

- Derive DSR Level Premium from Company Standard Premium (Average Deviation Method)
  - Calculate an average deviation
  - o Then apply that average deviation to Company Standard Premium
- Derive DSR Level Premium Directly (Extending Exposures Method)
- Rerate the policies included in the Calls using NCCI-approved loss costs or rates
- Hybrid Method

#### **Premium Components Exercises—Loss Costs**

| Class or<br>Stat Code | Description  | DSR | Company<br>Standard | Net |
|-----------------------|--|-----|---------------------|-----|
| 0063                  | PREMIUM DISCOUNT—TYPE A—STOCK CO.  |     |                     |     |
| 0900                  | COMPANY SELECTED EXPENSE CONSTANT  |     |                     |     |
| 5221                  | CONCRETE OR CEMENT WORK—FLOORS, DRIVEWAYS, YARDS OR SIDEWALKS & DRIVERS    |     |                     |     |
| 8010                  | STORE: HARDWARE  |     |                     |     |
| 8810                  | CLERICAL OFFICE EMPLOYEES NOC  |     |                     |     |
| 9664                  | PREMIUM CREDIT FOR THE REPORTING OF DEDUCTIBLES—<br>SUBJECT TO EXP RATINGS |     |                     |     |
| 9740                  | CATASTROPHE PROVISIONS FOR TERRORISM—NOT PART OF<br>STANDARD PREMIUM       |     |                     |     |
| 9848                  | ADDITIONAL PREMIUM REQUIRED TO BALANCE TO THE MINIMUM PREMIUM              |     |                     |     |

### Premium Components Exercise—Rates

| Class or<br>Stat Code | Description  | DSR | Company<br>Standard | Net |
|-----------------------|--|-----|---------------------|-----|
| 0063                  | PREMIUM DISCOUNT—TYPE A—STOCK CO.  |     |                     |     |
| 0900                  | NCCI PUBLISHED EXPENSE CONSTANT  |     |                     |     |
| 5221                  | CONCRETE OR CEMENT WORK—FLOORS, DRIVEWAYS, YARDS OR SIDEWALKS & DRIVERS    |     |                     |     |
| 8010                  | STORE: HARDWARE  |     |                     |     |
| 8810                  | CLERICAL OFFICE EMPLOYEES NOC  |     |                     |     |
| 9664                  | PREMIUM CREDIT FOR THE REPORTING OF DEDUCTIBLES—<br>SUBJECT TO EXP RATINGS |     |                     |     |
| 9740                  | CATASTROPHE PROVISIONS FOR TERRORISM—NOT PART OF<br>STANDARD PREMIUM       |     |                     |     |
| 9848                  | ADDITIONAL PREMIUM REQUIRED TO BALANCE TO THE MINIMUM PREMIUM              |     |                     |     |



#### **Premium Components Resources**

- Financial Call Reporting Guidebook—Part 5, 6, and 9
- Premium Components Summary Chart
- Financial Data Compliance Form

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