Health Care Receivables (HCR) Current and Proposed H3 Factors

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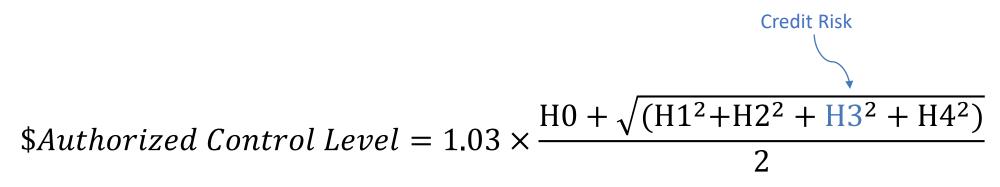
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Setting the Context

- Authorized Control Level
 - National Association of Insurance Commissioners (NAIC) Risk-Based Capital Formula
- Health Care Receivables (HCR)
 - Part of the H3 Credit Risk
 - Factors applied to all HCR assets are a part of the H3 result





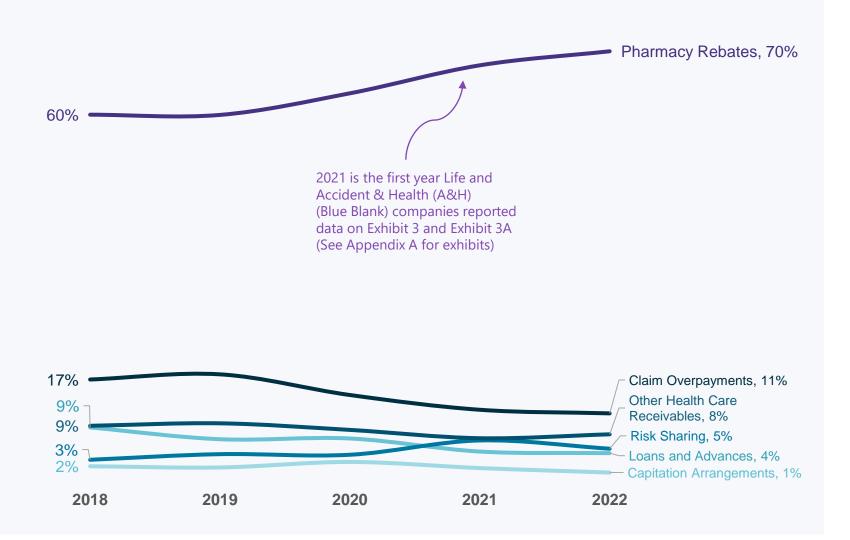
Applying HCR Factors

- HCR Factors
 - Vary by Pharmaceutical Rebates or Non-Pharmaceutical Rebates

HCR Туре	Factor (Current)	
Pharmaceutical (Rx) Rebate Receivables	0.05	
Claim Overpayment Receivables	0.19	
Loans and Advances to Providers	0.19	
Capitation Arrangement Receivables	0.19	Non-Pharmaceutica Rebates Receivables
Risk Sharing Receivables	0.19	
Other Health Care Receivables	0.19	



HCR Dollar Distributions





Collecting HCRs

 $Collection Ratio = \frac{Surplus \ Component_{t-1} + Collections_t}{Admitted \ HCR \ Assets_{t-1}}$

- *Surplus Component*, prior year: Factors multiplied by admitted assets
- Collections, current year: Exhibit 3A Column 5 "Health Care Receivables in Prior Years (Columns 1 + 3)"
- Admitted HCR Assets, prior year: Exhibit 3 Column 7 "Admitted"
- Collection Ratio: Goal is for a company to collect $\geq 100\%$
- See Appendix A for exhibit layouts and column names



Collecting HCRs (Year)

- Data: NAIC Annual Health Filings (Orange Blank) 2018–2022, for companies with established receivables
- 2021 is the first year Life and A&H (Blue Blank) companies reported on the Health Care Receivables Supplement (Exhibits 3 and 3A)
- 2018 is prior year input for 2019 results, so the table begins with 2019

Year (Rx Rebates HCR)	Company Count	Collection Ratio ≥100%
2019	519	87%
2020	559	83%
2021	621	86%
2022	674	83%
Year (Non-Rx Rebates HCR)	Company Count	Collection Ratio ≥100%
Year (Non-Rx Rebates HCR) 2019	Company Count 366	Collection Ratio ≥100% 85%
2019	366	85%

Collecting HCRs (Size)

- Each company has an HCR size by year for this analysis
- HCR size "Small" if total HCR <\$1 million, "Large" if ≥\$10 million, "Medium" otherwise
- HCR <\$0 were then excluded (rare) and =\$0 excluded (common)

Size (Rx Rebates HCR)	Company Count Four-year Avg.	Collection Ratio ≥100%
Small	112	79%
Medium	216	84%
Large	259	89%

Size (Non-Rx Rebates HCR)	Company Count Four-year Avg.	Collection Ratio ≥100%
Small	58	80%
Medium	137	79%
Large	206	84%



Tiering HCR Factors

- Propose tiered HCR factors
 - Smaller HCR-sized companies hold more surplus component
 - Give larger HCR-sized companies credit for observed stability (higher counts of Collection Ratios ≥100%)

HCR Type	Current Factor	Tier 1 Factor	Tier Cutoff	Tier 2 Factor
Rx Rebate Receivables	0.05	0.20	\$5 Million	0.03
Claim Overpayment Receivables	0.19	0.40	\$10 Million	0.05
Loans and Advances to Providers	0.19	0.40	\$10 Million	0.05
Capitation Arrangement Receivables	0.19	0.40	\$10 Million	0.05
Risk Sharing Receivables	0.19	0.40	\$10 Million	0.05
Other Health Care Receivables	0.19	0.40	\$10 Million	0.05



Collecting HCRs (Year Revisited)

• Improved Collection Ratio (CR) by year

Year (Rx Rebates HCR)	CR ≥100% (Current Factors)	
2019	87%	91% (+4%)
2020	83%	87% (+4%)
2021	86%	89% (+3%)
2022	83%	88% (+5%)

Year (Non-Rx Rebates HCR)	CR ≥100% (Current Factors)	CR ≥100% (Proposed Factors)
2019	85%	87% (+2%)
2020	79%	81% (+2%)
2021	81%	84% (+3%)
2022	79%	82% (+3%)



Collecting HCRs (Size Revisited)

• Improved collection by HCR size

Size (Rx Rebates HCR)	CR ≥100% (Current Factors)	CR ≥100% (Proposed Factors)
Small	79%	85% (+6%)
Medium	84%	90% (+6%)
Large	89%	90% (+1%)

Size (Non-Rx Rebates HCR)	CR ≥100% (Current Factors)	CR ≥100% (Proposed Factors)
Small	80%	81% (+1%)
Medium	79%	83% (+4%)
Large	84%	86% (+2%)



First Proposed Tier Factors

- Which combinations of factors and tier cutoffs work?
- Monte Carlo simulation

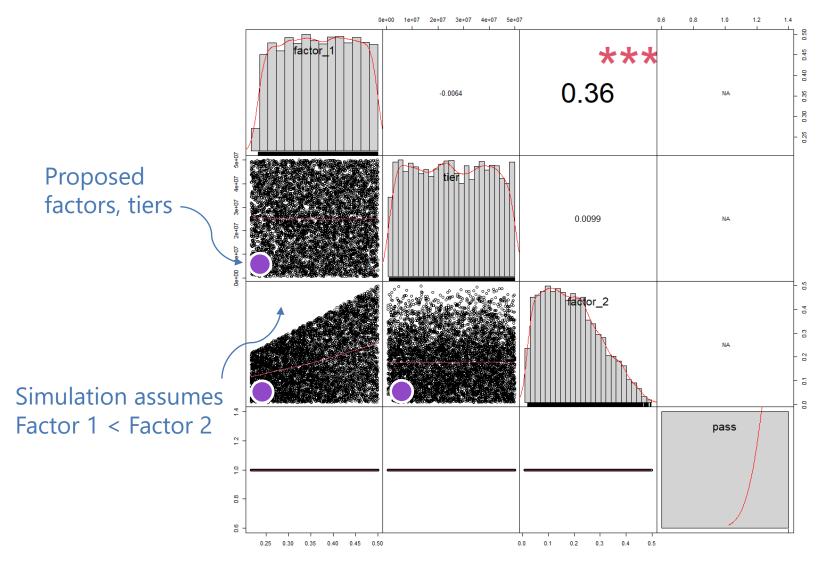


First Proposed Tier Factors

- Goal of percent of companies meeting Collection Ratios ≥100%
 - 90%–100% for Rx HCR
 - 90%–100% for Non-Rx HCR
 - For 10 or more of the 15 size and line combinations (3x sizes by 5x Non-Rx HCR types)
 - Acknowledge variance in reporting accuracy (more on this later)
- Many combinations of factors and tier cutoffs work
 - There's flexibility in the final factors and tier cutoff
 - Each black dot on the next charts is a possible solution

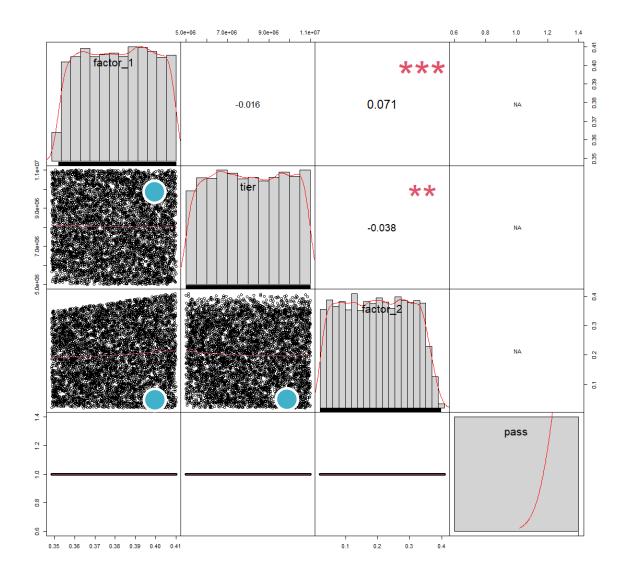


Proposed Factors and Tiers (Rx Rebate HCR)





Proposed Factors and Tiers (Non-Rx Rebates HCR)





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Limitations and Considerations

- Recommendation subject to approval and comment
- Reporting Accuracy
 - Parity between prior year Exhibit 3 and current year Exhibit 3A
 - A company may establish a prior HCR but collect on it in a way not reported in Exhibit 3A
- HCR Size
 - Many combinations of tiers and tier cutoffs
 - Smaller tier threshold, higher factor
 - Proposed factors will have variable impacts on companies



Surplus Component Change in H3 (Proposal)

• 2022 Data

HCR Type	Co. with an <i>Increased</i> H3 Surplus (+)	Co. with a <i>Decreased</i> H3 Surplus (-)	Avg. Relative Change in H3 Surplus (+)	Avg. Relative Change in H3 Surplus (-)	Largest Magnitude Relative Change (+)	Largest Magnitude Relative Change (-)
Rx Rebate HCR	89%	11%	+240%	-19%	+300%	-39%
Non-Rx Rebates HCR	91%	9%	+105%	-14%	+111%	-69%



Surplus Component Change in H3

• Rx Rebate HCR (2022)

Rx Rebate HCR (Millions)	H3 Surplus <i>Before</i> Proposal	H3 Surplus <i>After</i> Proposal	Difference
If an Increase (+)	\$188	\$385	+\$197
If a Decrease (-)	\$780	\$535	-\$245
Total	\$968	\$920	-\$48



Surplus Component Change in H3

• Non-Rx Rebate HCR (2022)

Non-Rx Rebate HCR (Millions)	H3 Surplus <i>Before</i> Proposal	H3 Surplus <i>After</i> Proposal	Difference
If an Increase (+)	\$326	\$551	+\$225
If a Decrease (-)	\$630	\$329	-\$301
Total	\$956	\$880	-\$76



Appendix A: Exhibit 3, Exhibit 3A Examples

EXHIBIT 3 – HEALTH CARE RECEIVABLES

ANNUAL STATEMENT FOR THE YEAR 2013

1	2	3	4	5	6	7
Name of Debtor	1 – 30 Days	31 – 60 Days	61 – 90 Days	Over 90 Days	Non-admitted	Admitted
Pharmaceutical rebate receivables			100 g -			1.000 C
Claim overpayment receivables						
Loans and advances to providers						
Capitation arrangement receivables						
Risk sharing receivables						
Other receivables						
Gross health care receivables					R6	R7

EXHIBIT 3A - ANALYSIS OF HEALTH CARE RECEIVABLES COLLECTED AND ACCRUED

	Health Care Receivables Collected During the Year		Health Care Receivables Accrued as of December 31 of Current Year		5	6 Estimated Health
Type of Health Care Receivable	1 On Amounts Accrued Prior to January 1 of Current Year	2 On Amounts Accrued During the Year	3 On Amounts Accrued December 31	4 On Amounts Accrued During the Year	Health Care Receivables in Prior Years (Columns 1 + 3)	Care Receivables Accrued as of December 31 of Prior Year
1. Pharmaceutical rebate receivables						
2. Claim overpayment receivables						
Loans and advances to providers				1 1		
Capitation arrangement receivables						
Risk sharing receivables						
6. Other health care receivables				·		
7. Totals (Lines 1 through 6)						A6 = Prior Yr(R6+R7)



Questions?



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Thank You

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