



**North Carolina  
Insurance Underwriting Association (NCIUA)**

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**North Carolina  
Joint Underwriting Association (NCJUA)**

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North Carolina Insurance Underwriting Association

Portfolio	Model	
NCIUA Standard HU	12/31/2023	RMS RiskLink 23.0 WS
	12/01/2024	RMS RiskLink 23.0 WS

Exposure and Loss shown in Millions USD

Portfolio	NCIUA AIR LT				
	12/31/2023	12/01/2024	% Change	wWDR	% Change
<b>TSI</b>	127,895.3	153,450.9	20.0%	153,450.9	0.0%
<b>Geocoded TSI</b>	127,895.3	153,450.9	20.0%	153,450.9	0.0%
<b>Location Limits*</b>	125,703.7	151,029.3	20.1%	151,029.3	0.0%
<b>Policy Limits*</b>	14,801.5	16,494.7	11.4%	16,494.7	0.0%
<b>Risk Count*</b>	252,278	272,554	8.0%	272,554	0.0%

\* Location limits, policy limits and risk counts based on geocoded risks.

Return Period	NCIUA RMS LT				
	Gross Loss			wWDR	% Change
	12/31/2023	12/01/2024	% Change YOY		
<b>Occurrence Exceedance Probability (OEP)</b>					
1,000	13,101.8	15,427.3	17.7%	14,066.5	-8.8%
500	9,770.1	11,494.6	17.7%	10,367.0	-9.8%
250	6,634.6	7,775.0	17.2%	6,951.1	-10.6%
200	5,712.3	6,683.2	17.0%	5,971.5	-10.6%
100	3,610.7	4,213.3	16.7%	3,773.5	-10.4%
75	2,970.3	3,463.0	16.6%	3,112.8	-10.1%
50	2,249.5	2,620.2	16.5%	2,364.7	-9.8%
25	1,340.8	1,559.6	16.3%	1,412.1	-9.5%
20	1,105.1	1,284.5	16.2%	1,163.3	-9.4%
10	501.3	580.4	15.8%	525.9	-9.4%
5	110.4	126.4	14.5%	113.9	-9.9%
2	0.0	0.0	0.0%	0.0	0.0%
<b>Aggregate Exceedance Probability (AEP)</b>					
1,000	13,357.7	15,725.1	17.7%	14,334.2	-8.8%
500	9,999.2	11,759.1	17.6%	10,607.4	-9.8%
250	6,864.2	8,042.5	17.2%	7,193.6	-10.6%
200	5,940.1	6,948.0	17.0%	6,212.5	-10.6%
100	3,803.8	4,436.8	16.6%	3,976.3	-10.4%
75	3,146.0	3,666.8	16.6%	3,296.6	-10.1%
50	2,393.2	2,786.6	16.4%	2,514.8	-9.8%
25	1,429.8	1,662.3	16.3%	1,505.0	-9.5%
20	1,178.1	1,368.7	16.2%	1,239.5	-9.4%
10	532.4	616.1	15.7%	558.1	-9.4%
5	115.7	132.4	14.5%	119.3	-9.9%
2	0.0	0.0	0.0%	0.0	0.0%
<b>AAL</b>	229.8	267.7	16.5%	242.0	-9.6%
<b>StdDv</b>	1,025.4	1,207.2	17.7%	1,105.8	-8.4%

**Disclaimer:**

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In the case of missing data and the formula cannot be calculated, the cell will have a dash (-) symbol.

Portfolio	NCIUA RMS NT				
	12/31/2023	12/01/2024	% Change	wWDR	% Change
<b>TSI</b>	127,895.3	153,450.9	20.0%	153,450.9	0.0%
<b>Geocoded TSI</b>	127,895.3	153,450.9	20.0%	153,450.9	0.0%
<b>Location Limits*</b>	125,703.7	151,029.3	20.1%	151,029.3	0.0%
<b>Policy Limits*</b>	14,801.5	16,494.7	11.4%	16,494.7	0.0%
<b>Risk Count*</b>	252,278	272,554	8.0%	272,554	0.0%

\* Location limits, policy limits and risk counts based on geocoded risks.

Return Period	NCIUA RMS NT				
	Gross Loss			wWDR	% Change
	12/31/2023	12/01/2024	% Change YOY		
<b>Occurrence Exceedance Probability (OEP)</b>					
1,000	13,674.1	16,365.6	19.7%	14,967.3	-8.5%
500	10,202.3	12,225.1	19.8%	11,047.6	-9.6%
250	6,913.0	8,398.9	21.5%	7,512.3	-10.6%
200	5,949.5	7,212.0	21.2%	6,444.8	-10.6%
100	3,790.6	4,519.8	19.2%	4,045.7	-10.5%
75	3,129.8	3,720.8	18.9%	3,341.5	-10.2%
50	2,379.8	2,824.3	18.7%	2,547.2	-9.8%
25	1,433.4	1,711.3	19.4%	1,549.0	-9.5%
20	1,188.8	1,425.6	19.9%	1,290.4	-9.5%
10	567.1	688.0	21.3%	622.8	-9.5%
5	149.4	181.3	21.4%	163.7	-9.7%
2	0.0	0.0	0.0%	0.0	0.0%
<b>Aggregate Exceedance Probability (AEP)</b>					
1,000	13,948.6	16,703.2	19.7%	15,268.9	-8.6%
500	10,458.6	12,533.5	19.8%	11,326.4	-9.6%
250	7,169.2	8,696.3	21.3%	7,782.9	-10.5%
200	6,206.0	7,516.1	21.1%	6,721.4	-10.6%
100	4,007.0	4,782.2	19.3%	4,283.9	-10.4%
75	3,329.3	3,963.1	19.0%	3,560.1	-10.2%
50	2,545.7	3,026.4	18.9%	2,729.4	-9.8%
25	1,540.1	1,840.4	19.5%	1,665.6	-9.5%
20	1,277.7	1,532.6	19.9%	1,387.3	-9.5%
10	607.5	736.9	21.3%	666.9	-9.5%
5	158.0	191.8	21.4%	173.1	-9.7%
2	0.0	0.0	0.0%	0.0	0.0%
<b>AAL</b>	252.2	302.9	20.1%	273.9	-9.6%
<b>StdDv</b>	1,080.1	1,285.9	19.1%	1,178.3	-8.4%

North Carolina Joint Underwriting Association

Portfolio	Model	
NCJUA Standard HU	12/31/2023	RMS RiskLink 23.0 WS
	12/01/2024	RMS RiskLink 23.0 WS

Exposure and Loss shown in Millions USD

Portfolio	NCJUA RMS LT				
	12/31/2023	12/01/2024	% Change	wWDR	% Change
<b>TSI</b>	42,898.1	58,658.9	36.7%	58,658.9	0.0%
<b>Geocoded TSI</b>	42,898.1	58,658.9	36.7%	58,658.9	0.0%
<b>Location Limits*</b>	41,617.5	56,604.7	36.0%	56,604.7	0.0%
<b>Policy Limits*</b>	41,617.5	56,604.7	36.0%	56,604.7	0.0%
<b>Risk Count*</b>	270,302	294,752	9.0%	294,752	0.0%

\* Location limits, policy limits and risk counts based on geocoded risks.

Return Period	NCJUA RMS LT				
	Gross Loss				
	12/31/2023	12/01/2024	% Change YOY	wWDR	% Change
<b>Occurrence Exceedance Probability (OEP)</b>					
1,000	1,928.2	2,502.1	29.8%	1,948.3	-22.1%
500	1,483.9	1,922.1	29.5%	1,501.8	-21.9%
250	1,060.6	1,372.2	29.4%	1,091.3	-20.5%
200	939.5	1,214.9	29.3%	972.9	-19.9%
100	621.9	802.5	29.0%	658.1	-18.0%
75	517.1	666.1	28.8%	551.2	-17.2%
50	392.6	504.3	28.4%	421.4	-16.4%
25	228.0	291.0	27.6%	245.0	-15.8%
20	184.4	234.7	27.3%	198.1	-15.6%
10	75.5	95.4	26.3%	80.9	-15.2%
5	13.7	17.1	24.6%	14.5	-14.8%
2	0.0	0.0	0.0%	0.0	0.0%
<b>Aggregate Exceedance Probability (AEP)</b>					
1,000	1,971.2	2,557.4	29.7%	1,995.7	-22.0%
500	1,523.7	1,972.8	29.5%	1,545.3	-21.7%
250	1,097.4	1,419.1	29.3%	1,131.2	-20.3%
200	975.0	1,260.1	29.2%	1,011.2	-19.7%
100	651.8	840.3	28.9%	689.8	-17.9%
75	543.7	699.8	28.7%	579.4	-17.2%
50	414.2	531.6	28.4%	444.3	-16.4%
25	241.0	307.4	27.6%	258.9	-15.8%
20	195.0	248.1	27.2%	209.4	-15.6%
10	79.8	100.7	26.2%	85.4	-15.2%
5	14.3	17.8	24.6%	15.2	-14.8%
2	0.0	0.0	0.0%	0.0	0.0%
<b>AAL</b>	36.5	46.7	28.0%	38.6	-17.4%
<b>StdDv</b>	158.2	204.6	29.3%	163.8	-20.0%

Portfolio	NCJUA RMS NT				
	12/31/2023	12/01/2024	% Change	wWDR	% Change
<b>TSI</b>	42,898.1	58,658.9	36.7%	58,658.9	0.0%
<b>Geocoded TSI</b>	42,898.1	58,658.9	36.7%	58,658.9	0.0%
<b>Location Limits*</b>	41,617.5	56,604.7	36.0%	56,604.7	0.0%
<b>Policy Limits*</b>	41,617.5	56,604.7	36.0%	56,604.7	0.0%
<b>Risk Count*</b>	270,302	294,752	9.0%	294,752	0.0%

\* Location limits, policy limits and risk counts based on geocoded risks.

Return Period	NCJUA RMS NT				
	Gross Loss				
	12/31/2023	12/01/2024	% Change YOY	wWDR	% Change
<b>Occurrence Exceedance Probability (OEP)</b>					
1,000	2,011.2	2,610.6	29.8%	2,033.4	-22.1%
500	1,566.5	2,028.6	29.5%	1,580.5	-22.1%
250	1,128.4	1,460.2	29.4%	1,157.2	-20.7%
200	1,000.6	1,294.2	29.3%	1,033.3	-20.2%
100	666.0	859.8	29.1%	703.3	-18.2%
75	555.6	716.2	28.9%	591.3	-17.4%
50	424.6	545.9	28.6%	455.5	-16.6%
25	251.9	321.9	27.8%	271.0	-15.8%
20	206.3	263.0	27.5%	221.8	-15.7%
10	90.7	114.8	26.5%	97.2	-15.3%
5	20.4	25.4	25.0%	21.6	-15.0%
2	0.0	0.0	0.0%	0.0	0.0%
<b>Aggregate Exceedance Probability (AEP)</b>					
1,000	2,060.5	2,673.5	29.8%	2,087.3	-21.9%
500	1,611.1	2,085.8	29.5%	1,629.9	-21.9%
250	1,170.8	1,514.3	29.3%	1,203.3	-20.5%
200	1,041.6	1,346.5	29.3%	1,077.6	-20.0%
100	701.1	904.3	29.0%	740.7	-18.1%
75	587.2	756.3	28.8%	624.9	-17.4%
50	450.7	579.0	28.5%	483.1	-16.6%
25	268.2	342.5	27.7%	288.4	-15.8%
20	219.7	280.0	27.4%	236.2	-15.6%
10	96.6	122.1	26.4%	103.5	-15.3%
5	21.4	26.8	25.0%	22.8	-15.0%
2	0.0	0.0	0.0%	0.0	0.0%
<b>AAL</b>	41.2	52.7	28.0%	43.5	-17.4%
<b>StdDv</b>	167.9	217.1	29.3%	173.8	-20.0%

**Disclaimer:**

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