



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

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

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**North Carolina
IUA - RMS Hurricane Summary**

Data inforce as of 11/1/2022

Risklink v21

Per Occurrence PMLs:

Return Period	RMS - Stochastic Hurricane View			RMS - Historical Hurricane View		
	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change
1,000	\$9,142,532,102	\$10,476,220,015	14.6%	\$8,779,629,575	\$10,065,721,022	14.6%
500	\$6,687,617,194	\$7,675,010,571	14.8%	\$6,448,000,912	\$7,404,836,532	14.8%
250	\$4,507,639,515	\$5,167,500,447	14.6%	\$4,354,185,981	\$4,989,516,645	14.6%
150	\$3,234,599,710	\$3,693,867,189	14.2%	\$3,119,657,898	\$3,562,114,793	14.2%
100	\$2,490,404,921	\$2,841,782,003	14.1%	\$2,389,463,806	\$2,725,850,629	14.1%
75	\$2,062,860,155	\$2,351,104,966	14.0%	\$1,970,416,838	\$2,244,486,614	13.9%
50	\$1,572,474,514	\$1,788,754,348	13.8%	\$1,489,076,229	\$1,693,470,978	13.7%
20	\$782,537,251	\$887,081,251	13.4%	\$715,066,257	\$810,363,701	13.3%
10	\$371,864,602	\$419,219,116	12.7%	\$317,652,733	\$357,752,981	12.6%

Annual Aggregate PMLs:

Return Period	RMS - Stochastic Hurricane View			RMS - Historical Hurricane View		
	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change
1,000	\$9,324,369,626	\$10,682,938,365	14.6%	\$8,948,754,502	\$10,257,235,878	14.6%
500	\$6,856,548,183	\$7,865,144,437	14.7%	\$6,598,267,745	\$7,573,779,485	14.8%
250	\$4,676,237,710	\$5,358,884,704	14.6%	\$4,502,945,595	\$5,158,360,791	14.6%
150	\$3,391,383,683	\$3,870,876,356	14.1%	\$3,256,196,833	\$3,716,614,982	14.1%
100	\$2,632,390,076	\$3,002,019,668	14.0%	\$2,512,065,500	\$2,864,059,453	14.0%
75	\$2,192,010,063	\$2,496,883,162	13.9%	\$2,080,597,976	\$2,369,102,585	13.9%
50	\$1,680,138,465	\$1,910,234,281	13.7%	\$1,579,590,933	\$1,795,577,523	13.7%
20	\$840,115,967	\$951,828,356	13.3%	\$761,079,327	\$862,069,162	13.3%
10	\$397,654,225	\$448,143,226	12.7%	\$336,662,729	\$379,021,870	12.6%
Average Annual Loss	\$165,024,412	\$187,419,255	13.6%	\$148,924,272	\$169,183,616	13.6%
Standard Deviation	\$705,735,366	\$809,025,408	14.6%	\$671,542,922	\$769,747,228	14.6%
100 Yr PML: Premium	6.5	6.4	-1.6%	6.2	6.1	-1.6%
Implied HU Loss Ratio	42.8%	41.9%	-2.1%	38.6%	37.8%	-2.0%

Exposure Summary:

	11/1/2021	11/1/2022	% Change
Total Limit	\$82,022,770,052	\$94,461,678,405	15.2%
Premium	\$385,847,052	\$447,391,444	16.0%
Policy Count	197,923	208,045	5.1%
Location Count	210,633	221,618	5.2%

Modeling Notes:

1. Demand surge ("loss amplification") is included.
2. Storm surge is excluded.



**North Carolina
JUA - RMS Hurricane Summary**

Data inforce as of 11/1/2022

Risklink v21

Per Occurrence PMLs:

Return Period	RMS - Stochastic Hurricane View			RMS - Historical Hurricane View		
	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change
1,000	\$1,231,392,273	\$1,423,754,182	15.6%	\$1,204,608,683	\$1,392,904,705	15.6%
500	\$951,220,175	\$1,100,836,826	15.7%	\$927,163,347	\$1,072,956,885	15.7%
250	\$675,208,078	\$781,673,520	15.8%	\$653,519,686	\$756,584,387	15.8%
150	\$507,090,766	\$587,027,539	15.8%	\$488,732,650	\$565,805,214	15.8%
100	\$400,551,037	\$463,594,280	15.7%	\$383,805,933	\$444,262,770	15.8%
75	\$336,203,176	\$389,012,602	15.7%	\$320,324,305	\$370,680,193	15.7%
50	\$258,571,089	\$299,173,151	15.7%	\$243,942,888	\$282,284,856	15.7%
20	\$126,206,304	\$146,259,085	15.9%	\$114,475,987	\$132,731,203	15.9%
10	\$55,047,143	\$64,074,031	16.4%	\$46,328,334	\$53,987,372	16.5%

Annual Aggregate PMLs:

Return Period	RMS - Stochastic Hurricane View			RMS - Historical Hurricane View		
	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change
1,000	\$1,260,984,863	\$1,458,211,913	15.6%	\$1,230,890,509	\$1,423,587,713	15.7%
500	\$978,080,568	\$1,131,946,574	15.7%	\$951,067,530	\$1,100,790,249	15.7%
250	\$701,694,065	\$812,404,012	15.8%	\$676,914,882	\$783,709,383	15.8%
150	\$531,129,591	\$614,951,872	15.8%	\$509,595,076	\$590,036,894	15.8%
100	\$421,737,613	\$488,227,390	15.8%	\$402,081,864	\$465,479,030	15.8%
75	\$355,213,343	\$411,156,421	15.7%	\$336,578,873	\$389,607,757	15.8%
50	\$274,222,429	\$317,387,973	15.7%	\$257,100,497	\$297,629,639	15.8%
20	\$134,199,648	\$155,592,311	15.9%	\$120,862,951	\$140,193,720	16.0%
10	\$58,472,195	\$68,085,284	16.4%	\$48,833,937	\$56,930,928	16.6%
Average Annual Loss	\$24,900,512	\$28,889,130	16.0%	\$22,495,629	\$26,099,491	16.0%
Standard Deviation	\$102,861,928	\$118,829,255	15.5%	\$98,135,666	\$113,395,980	15.6%
100 Yr PML:Premium	3.2	3.0	-4.1%	3.0	2.9	-4.1%
Implied HU Loss Ratio	19.8%	19.0%	-3.8%	17.8%	17.2%	-3.8%

Exposure Summary:

	11/1/2021	11/1/2022	
Total Limit	\$28,415,015,232	\$32,536,861,243	14.5%
Premium	\$126,042,121	\$152,076,678	20.7%
Policy Count	190,729	198,195	3.9%
Location Count	243,938	253,887	4.1%

Modeling Notes:

1. Demand surge ("loss amplification") is included.
2. Storm surge is excluded.



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