



**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 11/1/2021

Per Occurrence PMLs:

RMS - Stochastic Hurricane View

RMS - Historical Hurricane View

Return Period	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change	11/1/2020 - v18.1	11/1/2021 - v18.1	Overall Change
1,000	\$8,129,740,412	\$8,930,004,488	9.8%	\$8,057,683,664	\$8,848,662,846	9.8%
500	\$5,992,491,950	\$6,570,000,420	9.6%	\$5,926,784,785	\$6,497,885,129	9.6%
250	\$4,080,592,450	\$4,476,488,465	9.7%	\$4,012,077,982	\$4,401,505,494	9.7%
150	\$2,919,900,625	\$3,203,554,166	9.7%	\$2,879,807,005	\$3,159,399,565	9.7%
100	\$2,234,424,423	\$2,447,502,056	9.5%	\$2,210,686,434	\$2,421,037,105	9.5%
75	\$1,838,660,572	\$2,012,187,149	9.4%	\$1,822,931,836	\$1,994,861,972	9.4%
50	\$1,382,923,022	\$1,511,635,380	9.3%	\$1,375,804,109	\$1,503,938,608	9.3%
20	\$656,996,095	\$716,020,619	9.0%	\$658,508,195	\$717,659,077	9.0%
10	\$288,149,889	\$313,002,861	8.6%	\$292,122,746	\$317,365,983	8.6%

Annual Aggregate PMLs:

RMS - Stochastic Hurricane View

RMS - Historical Hurricane View

Return Period	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change	11/1/2020 - v18.1	11/1/2021 - v18.1	Overall Change
1,000	\$8,284,352,565	\$9,099,667,009	9.8%	\$8,212,236,640	\$9,018,114,464	9.8%
500	\$6,130,480,878	\$6,720,820,301	9.6%	\$6,065,488,447	\$6,649,247,869	9.6%
250	\$4,215,169,223	\$4,623,117,407	9.7%	\$4,149,071,600	\$4,550,598,739	9.7%
150	\$3,044,244,659	\$3,338,785,195	9.7%	\$3,005,352,392	\$3,295,944,819	9.7%
100	\$2,345,221,856	\$2,568,097,864	9.5%	\$2,322,975,223	\$2,543,374,447	9.5%
75	\$1,938,416,748	\$2,120,744,121	9.4%	\$1,924,140,788	\$2,104,869,037	9.4%
50	\$1,464,865,797	\$1,600,769,176	9.3%	\$1,459,101,713	\$1,594,434,933	9.3%
20	\$697,932,833	\$760,488,193	9.0%	\$700,843,831	\$763,625,858	9.0%
10	\$304,638,575	\$330,867,035	8.6%	\$309,585,845	\$336,269,536	8.6%
Average Annual Loss	\$136,858,841	\$149,471,398	9.2%	\$137,129,661	\$149,754,113	9.2%
Standard Deviation	\$629,565,815	\$690,960,967	9.8%	\$616,635,742	\$676,756,497	9.7%
100 Yr PML:Premium	6.5	6.3	-2.0%	6.4	6.3	-2.1%
Implied HU Loss Ratio	39.7%	38.7%	-2.3%	39.7%	38.8%	-2.3%

Exposure Summary:

	11/1/2020	11/1/2021	
Total Limit	\$74,951,053,791	\$82,022,770,052	9.4%
Premium	\$345,042,831	\$385,847,052	11.8%
Policy Count	192,731	197,923	2.7%
Location Count	205,172	210,633	2.7%

Modeling Notes:

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



North Carolina
JUA - RMS Hurricane Summary
 Data inforce as of 11/1/2021

Per Occurrence PMLs:

RMS - Stochastic Hurricane View

RMS - Historical Hurricane View

Return Period	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change
1,000	\$1,062,291,157	\$1,222,547,681	15.1%	\$1,053,677,987	\$1,212,653,202	15.1%
500	\$816,900,827	\$940,064,553	15.1%	\$812,123,399	\$934,617,798	15.1%
250	\$577,860,931	\$664,535,833	15.0%	\$573,554,630	\$659,508,220	15.0%
150	\$432,181,407	\$496,963,627	15.0%	\$428,316,015	\$492,429,845	15.0%
100	\$338,540,897	\$389,191,361	15.0%	\$335,820,101	\$385,990,973	14.9%
75	\$281,791,838	\$323,767,400	14.9%	\$280,032,862	\$321,690,886	14.9%
50	\$213,592,339	\$245,182,256	14.8%	\$213,022,278	\$244,491,124	14.8%
20	\$98,570,895	\$113,060,467	14.7%	\$99,462,125	\$114,062,655	14.7%
10	\$38,769,960	\$44,611,533	15.1%	\$39,812,248	\$45,785,432	15.0%

Annual Aggregate PMLs:

RMS - Stochastic Hurricane View

RMS - Historical Hurricane View

Return Period	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change	11/1/2020 - v18.1	11/1/2021 - v18.1	% Change
1,000	\$1,085,266,204	\$1,248,924,480	15.1%	\$1,076,623,498	\$1,238,993,154	15.1%
500	\$837,702,938	\$963,919,744	15.1%	\$832,917,857	\$958,497,207	15.1%
250	\$597,770,515	\$687,407,768	15.0%	\$593,742,329	\$682,700,647	15.0%
150	\$449,890,512	\$517,287,448	15.0%	\$446,377,252	\$513,151,950	15.0%
100	\$354,007,938	\$406,947,398	15.0%	\$351,628,940	\$404,140,748	14.9%
75	\$295,526,798	\$339,563,053	14.9%	\$294,068,560	\$337,826,847	14.9%
50	\$224,680,189	\$257,945,853	14.8%	\$224,355,731	\$257,539,896	14.8%
20	\$103,858,751	\$119,162,449	14.7%	\$104,936,194	\$120,380,074	14.7%
10	\$40,784,740	\$46,941,614	15.1%	\$41,946,394	\$48,252,485	15.0%
Average Annual Loss	\$19,436,103	\$22,344,652	15.0%	\$19,554,141	\$22,476,985	14.9%
Standard Deviation	\$86,959,267	\$99,929,617	14.9%	\$85,865,455	\$98,674,125	14.9%
100 Yr PML:Premium	3.0	3.1	1.5%	3.0	3.1	1.5%
Implied HU Loss Ratio	17.5%	17.7%	1.5%	17.6%	17.8%	1.5%

Exposure Summary:

	11/1/2020	11/1/2021	
Total Limit	\$24,341,875,655	\$28,415,015,232	16.7%
Premium	\$111,289,045	\$126,042,121	13.3%
Policy Count	183,534	190,729	3.9%
Location Count	234,033	243,938	4.2%

Modeling Notes:

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



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