



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

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

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**North Carolina
IUA - AIR Hurricane Summary**

Data inforce as of 11/1/2022

Touchstone v9

Per Occurrence PMLs:

AIR - WSST Hurricane View				AIR - Standard Hurricane View			
Return Period	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change	
1,000	\$10,177,866,758	\$11,899,824,746	16.9%	\$9,758,425,431	\$11,077,479,670	13.5%	
500	\$8,415,280,383	\$9,768,086,437	16.1%	\$8,031,560,729	\$9,395,182,820	17.0%	
250	\$7,055,850,398	\$8,100,623,913	14.8%	\$6,064,982,976	\$7,048,079,036	16.2%	
150	\$5,302,857,661	\$6,096,608,734	15.0%	\$4,480,259,802	\$5,145,716,835	14.9%	
100	\$4,474,899,377	\$5,129,470,332	14.6%	\$3,486,511,155	\$4,102,281,085	17.7%	
75	\$3,880,474,108	\$4,444,774,763	14.5%	\$2,998,886,117	\$3,427,741,652	14.3%	
50	\$2,969,156,312	\$3,344,846,495	12.7%	\$2,289,476,844	\$2,625,301,736	14.7%	
20	\$1,357,659,610	\$1,541,619,228	13.5%	\$919,843,940	\$1,039,882,918	13.0%	
10	\$603,011,030	\$682,530,546	13.2%	\$367,909,133	\$416,025,999	13.1%	

Annual Aggregate PMLs:

AIR - WSST Hurricane View				AIR - Standard Hurricane View			
Return Period	11/1/2021	11/1/2022	% Change	11/1/2021	11/1/2022	% Change	
1,000	\$11,489,190,291	\$13,293,237,447	15.7%	\$10,943,838,470	\$12,674,208,458	15.8%	
500	\$8,532,165,406	\$9,843,271,427	15.4%	\$8,314,604,575	\$9,562,373,332	15.0%	
250	\$7,425,463,838	\$8,610,824,952	16.0%	\$6,826,647,076	\$7,779,690,882	14.0%	
150	\$5,789,272,986	\$6,643,052,575	14.7%	\$4,627,880,052	\$5,389,822,671	16.5%	
100	\$4,693,967,431	\$5,375,630,648	14.5%	\$3,921,420,008	\$4,499,410,250	14.7%	
75	\$4,128,966,901	\$4,740,483,863	14.8%	\$3,262,612,644	\$3,724,257,035	14.1%	
50	\$3,210,314,775	\$3,666,616,769	14.2%	\$2,439,925,688	\$2,827,268,166	15.9%	
20	\$1,514,357,955	\$1,725,154,818	13.9%	\$1,036,090,998	\$1,176,055,145	13.5%	
10	\$651,563,215	\$745,011,360	14.3%	\$401,361,912	\$453,918,591	13.1%	
Average Annual Loss	\$274,899,109	\$313,952,345	14.2%	\$201,492,300	\$230,084,507	14.2%	
Standard Deviation	\$943,295,133	\$1,084,592,474	15.0%	\$820,823,512	\$943,714,931	15.0%	
100 Yr PML: Premium	11.6	11.5	-1.1%	9.0	9.2	1.5%	
Implied HU Loss Ratio	71.2%	70.2%	-1.5%	52.2%	51.4%	-1.5%	

<u>Exposure Summary:</u>	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 is included.
2. Storm surge is excluded.

North Carolina
JUA - AIR Hurricane Summary
Data inforce as of 11/1/2022
Touchstone v9
Per Occurrence PMLs:
AIR - WSST Hurricane View

Return Period	11/1/2021	11/1/2022	% Change
1,000	\$1,716,950,113	\$1,999,413,366	16.5%
500	\$1,448,857,111	\$1,689,489,504	16.6%
250	\$1,192,134,532	\$1,382,705,713	16.0%
150	\$955,158,943	\$1,120,714,511	17.3%
100	\$779,419,448	\$915,140,584	17.4%
75	\$663,040,069	\$777,914,957	17.3%
50	\$529,855,632	\$626,698,503	18.3%
20	\$246,079,752	\$290,194,623	17.9%
10	\$111,062,331	\$131,288,509	18.2%

AIR - Standard Hurricane View

Return Period	11/1/2021	11/1/2022	% Change
1,000	\$1,583,748,392	\$1,843,217,961	16.4%
500	\$1,365,292,855	\$1,593,404,682	16.7%
250	\$1,032,956,809	\$1,216,082,050	17.7%
150	\$780,444,219	\$917,189,080	17.5%
100	\$612,283,098	\$725,194,008	18.4%
75	\$537,010,351	\$632,396,524	17.8%
50	\$406,101,003	\$476,041,274	17.2%
20	\$166,387,934	\$196,499,881	18.1%
10	\$62,861,429	\$74,161,354	18.0%

Annual Aggregate PMLs:
AIR - WSST Hurricane View

Return Period	11/1/2021	11/1/2022	% Change
1,000	\$1,801,723,551	\$2,094,368,116	16.2%
500	\$1,503,573,274	\$1,753,184,149	16.6%
250	\$1,256,774,979	\$1,469,593,535	16.9%
150	\$1,030,531,728	\$1,201,198,193	16.6%
100	\$837,368,326	\$978,477,746	16.9%
75	\$721,879,150	\$845,666,926	17.1%
50	\$565,630,951	\$666,941,726	17.9%
20	\$269,166,423	\$318,348,758	18.3%
10	\$121,727,957	\$144,497,709	18.7%

AIR - Standard Hurricane View

Return Period	11/1/2021	11/1/2022	% Change
1,000	\$1,620,640,756	\$1,884,349,164	16.3%
500	\$1,448,857,111	\$1,697,385,317	17.2%
250	\$1,124,155,664	\$1,319,262,800	17.4%
150	\$817,222,182	\$960,006,004	17.5%
100	\$669,301,660	\$786,073,026	17.4%
75	\$563,427,343	\$663,503,632	17.8%
50	\$443,190,307	\$522,401,984	17.9%
20	\$185,275,999	\$220,794,663	19.2%
10	\$69,264,096	\$81,873,427	18.2%

Average Annual Loss	\$48,436,677	\$57,099,293	17.9%	\$34,803,907	\$41,036,485	17.9%
Standard Deviation	\$164,653,731	\$192,946,233	17.2%	\$139,920,919	\$163,962,566	17.2%
100 Yr PML: Premium	6.2	6.0	-2.7%	4.9	4.8	-1.8%
Implied HU Loss Ratio	38.4%	37.5%	-2.3%	27.6%	27.0%	-2.3%

Exposure Summary:

	11/1/2021	11/1/2022	% Change
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 is included.
2. Storm surge is excluded.



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