



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

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

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**North Carolina  
IUA - AIR Hurricane Summary**

Data inforce as of 11/1/2021

Per Occurrence PMLs:

AIR - WSST Hurricane View				AIR - Standard Hurricane View			
Return							
Period	11/1/2020 - TSv8	11/1/2021 - TSv8	% Change	11/1/2020 - TSv8	11/1/2021 - TSv8	% Change	
1,000	\$9,323,817,496	\$10,163,772,772	9.0%	\$8,944,777,352	\$9,746,122,108	9.0%	
500	\$7,663,964,570	\$8,394,303,683	9.5%	\$7,309,658,120	\$8,018,241,551	9.7%	
250	\$6,489,771,947	\$7,067,082,638	8.9%	\$5,543,589,305	\$6,052,940,954	9.2%	
150	\$4,869,589,129	\$5,303,978,268	8.9%	\$4,091,278,885	\$4,471,692,038	9.3%	
100	\$4,082,841,838	\$4,465,883,919	9.4%	\$3,181,877,245	\$3,484,818,051	9.5%	
75	\$3,548,765,081	\$3,871,873,565	9.1%	\$2,744,639,511	\$2,997,604,563	9.2%	
50	\$2,699,635,025	\$2,966,647,299	9.9%	\$2,099,849,410	\$2,289,293,221	9.0%	
20	\$1,236,636,732	\$1,356,293,950	9.7%	\$841,604,250	\$920,120,945	9.3%	
10	\$550,600,660	\$601,522,729	9.2%	\$336,073,138	\$367,353,588	9.3%	

Annual Aggregate PMLs:

AIR - WSST Hurricane View				AIR - Standard Hurricane View			
Return							
Period	11/1/2020 - TSv8	11/1/2021 - TSv8	% Change	11/1/2020 - TSv8	11/1/2021 - TSv8	% Change	
1,000	\$10,472,842,083	\$11,456,556,040	9.4%	\$10,024,709,599	\$10,940,655,511	9.1%	
500	\$7,812,435,533	\$8,529,030,890	9.2%	\$7,583,525,036	\$8,303,265,689	9.5%	
250	\$6,768,002,231	\$7,397,907,973	9.3%	\$6,256,532,293	\$6,816,415,991	8.9%	
150	\$5,299,437,258	\$5,782,388,003	9.1%	\$4,229,660,027	\$4,613,554,531	9.1%	
100	\$4,255,815,505	\$4,652,693,576	9.3%	\$3,544,032,253	\$3,915,571,013	10.5%	
75	\$3,779,540,641	\$4,126,747,250	9.2%	\$2,983,094,588	\$3,258,281,364	9.2%	
50	\$2,926,226,454	\$3,210,766,631	9.7%	\$2,238,424,979	\$2,438,794,760	9.0%	
20	\$1,380,260,036	\$1,513,129,656	9.6%	\$938,867,780	\$1,035,446,404	10.3%	
10	\$595,285,460	\$650,675,874	9.3%	\$365,104,677	\$400,959,521	9.8%	
Average Annual Loss	\$250,893,848	\$274,703,093	9.5%	\$183,834,137	\$201,351,999	9.5%	
Standard Deviation	\$861,523,313	\$942,358,688	9.4%	\$749,470,918	\$820,016,202	9.4%	
100 Yr PML:Premium	11.8	11.6	-2.2%	9.2	9.0	-2.1%	
Implied HU Loss Ratio	72.7%	71.2%	-2.1%	53.3%	52.2%	-2.1%	

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 is included.
2. Storm surge is excluded.



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

Per Occurrence PMLs:

*AIR - WSST Hurricane View*

Return Period	11/1/2020 - TSv8	11/1/2021 - v8	% Change
1,000	\$1,495,784,402	\$1,717,297,082	14.8%
500	\$1,263,966,949	\$1,449,308,605	14.7%
250	\$1,035,906,087	\$1,191,286,955	15.0%
150	\$828,964,103	\$956,252,375	15.4%
100	\$674,977,741	\$779,917,024	15.5%
75	\$577,732,620	\$662,826,334	14.7%
50	\$464,350,998	\$529,199,421	14.0%
20	\$213,703,756	\$246,126,984	15.2%
10	\$96,498,581	\$111,020,313	15.0%

*AIR - Standard Hurricane View*

Return Period	11/1/2020 - TSv8	11/1/2021 - v8	% Change
1,000	\$1,386,413,098	\$1,583,979,947	14.3%
500	\$1,196,486,432	\$1,365,575,178	14.1%
250	\$900,025,278	\$1,034,330,892	14.9%
150	\$676,431,594	\$781,015,415	15.5%
100	\$534,460,128	\$613,155,202	14.7%
75	\$467,376,755	\$537,924,475	15.1%
50	\$350,983,047	\$406,065,074	15.7%
20	\$143,775,987	\$166,493,935	15.8%
10	\$54,664,717	\$62,812,672	14.9%

Annual Aggregate PMLs:

*AIR - WSST Hurricane View*

Return Period	11/1/2020 - TSv8	11/1/2021 - v8	% Change
1,000	\$1,569,678,522	\$1,801,342,424	14.8%
500	\$1,318,875,243	\$1,503,544,398	14.0%
250	\$1,096,074,431	\$1,256,906,850	14.7%
150	\$896,409,161	\$1,030,258,251	14.9%
100	\$729,155,255	\$837,208,959	14.8%
75	\$626,024,134	\$721,801,044	15.3%
50	\$494,537,243	\$565,920,561	14.4%
20	\$233,604,108	\$269,295,811	15.3%
10	\$105,959,624	\$121,571,326	14.7%

*AIR - Standard Hurricane View*

Return Period	11/1/2020 - TSv8	11/1/2021 - v8	% Change
1,000	\$1,402,697,909	\$1,620,148,888	15.5%
500	\$1,252,713,205	\$1,449,308,605	15.7%
250	\$980,042,341	\$1,124,672,200	14.8%
150	\$713,085,831	\$817,475,878	14.6%
100	\$582,858,912	\$669,363,227	14.8%
75	\$488,140,343	\$563,381,538	15.4%
50	\$385,786,113	\$442,756,249	14.8%
20	\$163,585,236	\$185,411,238	13.3%
10	\$59,793,106	\$69,306,400	15.9%

Average Annual Loss	\$42,128,153	\$48,447,494	15.0%	\$30,271,984	\$34,811,946	15.0%
Standard Deviation	\$143,391,912	\$164,689,105	14.9%	\$121,870,397	\$139,952,516	14.8%
100 Yr PML: Premium	6.1	6.2	2.0%	4.8	4.9	1.3%
Implied HU Loss Ratio	37.9%	38.4%	1.5%	27.2%	27.6%	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 is included.
2. Storm surge is excluded.



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