



**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 11/1/2016

Per Occurrence PMLs:

AIR - WSST Hurricane View

AIR - Standard Hurricane View

Return Period	11/1/2015 - TSv3	11/1/2016 - TSv4	Overall Change	11/1/2015 - TSv3	11/1/2016 - TSv4	Overall Change
1,000	\$11,919,434,048	\$10,663,182,590	-10.5%	\$10,607,326,049	\$9,561,770,922	-9.9%
500	\$9,299,242,573	\$8,435,596,904	-9.3%	\$8,988,503,704	\$8,142,512,221	-9.4%
250	\$7,976,617,392	\$7,263,803,545	-8.9%	\$6,923,056,866	\$6,225,269,835	-10.1%
150	\$5,931,146,722	\$5,318,793,857	-10.3%	\$4,990,270,409	\$4,540,163,902	-9.0%
100	\$4,990,270,409	\$4,538,059,523	-9.1%	\$3,878,344,851	\$3,518,789,090	-9.3%
75	\$4,228,564,801	\$3,839,404,032	-9.2%	\$3,257,461,512	\$2,956,531,066	-9.2%
50	\$3,207,600,634	\$2,905,115,906	-9.4%	\$2,515,638,592	\$2,264,712,434	-10.0%
20	\$1,459,206,670	\$1,332,081,779	-8.7%	\$1,003,025,635	\$914,925,006	-8.8%
10	\$646,763,138	\$588,734,410	-9.0%	\$392,525,618	\$356,798,977	-9.1%

Annual Aggregate PMLs:

AIR - WSST Hurricane View

AIR - Standard Hurricane View

Return Period	11/1/2015 - TSv3	11/1/2016 - TSv4	Overall Change	11/1/2015 - TSv3	11/1/2016 - TSv4	Overall Change
1,000	\$12,592,114,402	\$11,406,816,514	-9.4%	\$12,126,977,982	\$11,013,621,096	-9.2%
500	\$9,860,808,156	\$8,804,966,911	-10.7%	\$9,386,988,227	\$8,435,596,904	-10.1%
250	\$8,348,679,164	\$7,399,157,325	-11.4%	\$7,419,221,264	\$6,652,348,727	-10.3%
150	\$6,406,241,722	\$5,800,643,903	-9.5%	\$5,362,447,964	\$4,791,520,494	-10.6%
100	\$5,233,175,804	\$4,741,584,792	-9.4%	\$4,186,543,159	\$3,831,518,690	-8.5%
75	\$4,576,663,760	\$4,088,182,723	-10.7%	\$3,568,262,523	\$3,254,629,645	-8.8%
50	\$3,512,628,601	\$3,199,119,828	-8.9%	\$2,734,551,368	\$2,489,154,076	-9.0%
20	\$1,634,818,183	\$1,488,939,686	-8.9%	\$1,112,201,824	\$1,018,067,616	-8.5%
10	\$710,375,862	\$652,787,381	-8.1%	\$431,950,758	\$393,398,937	-8.9%
Average Annual Loss	\$300,726,444	\$273,394,876	-9.1%	\$220,280,549	\$200,270,518	-9.1%
Standard Deviation	\$1,046,647,534	\$947,422,448	-9.5%	\$910,761,593	\$824,563,848	-9.5%
100 Yr PML:Premium	21,773.5	20,993.5	-3.6%	16,922.0	16,278.3	-3.8%
Implied HU Loss Ratio	131212.7%	126475.1%	-3.6%	96112.6%	92647.1%	-3.6%

Exposure Summary:

	11/1/2015	11/1/2016	
Total Limit	\$88,345,908,484	\$81,252,974,196	-8.0%
Premium	\$390,314,085	\$370,918,286	-5.0%
Policy Count	229,190	216,165	-5.7%
Location Count	247,383	232,714	-5.9%

Modeling Notes:

1. Demand surge is included.
2. Storm surge is excluded.

**North Carolina
JUA - AIR Hurricane Summary**

Data inforce as of 11/1/2016

Per Occurrence PMLs:

AIR - WSST Hurricane View

AIR - Standard Hurricane View

Return Period	11/1/2015 - TSv3	11/1/2016 - TSv4	Change	11/1/2015 - TSv3	11/1/2016 - TSv4	Change
1,000	\$1,032,210,084	\$1,114,040,379	7.9%	\$976,354,692	\$1,066,729,477	9.3%
500	\$887,901,332	\$969,569,252	9.2%	\$836,365,897	\$908,494,663	8.6%
250	\$724,224,974	\$784,365,518	8.3%	\$621,391,030	\$688,777,240	10.8%
150	\$563,134,217	\$624,347,427	10.9%	\$470,213,438	\$515,187,651	9.6%
100	\$464,806,423	\$511,748,051	10.1%	\$373,732,508	\$411,645,047	10.1%
75	\$391,958,701	\$428,420,814	9.3%	\$315,213,733	\$351,407,760	11.5%
50	\$315,618,282	\$344,102,838	9.0%	\$232,563,030	\$256,608,678	10.3%
20	\$142,351,414	\$158,215,013	11.1%	\$94,815,333	\$105,228,416	11.0%
10	\$63,456,949	\$71,128,415	12.1%	\$36,524,486	\$40,727,023	11.5%

Annual Aggregate PMLs:

AIR - WSST Hurricane View

AIR - Standard Hurricane View

Return Period	11/1/2015 - TSv3	11/1/2016 - TSv4	Change	11/1/2015 - TSv3	11/1/2016 - TSv4	Change
1,000	\$1,090,583,167	\$1,204,657,289	10.5%	\$1,019,802,601	\$1,104,625,080	8.3%
500	\$926,147,112	\$1,014,370,207	9.5%	\$879,214,244	\$948,943,777	7.9%
250	\$748,455,911	\$816,029,294	9.0%	\$683,385,530	\$731,811,877	7.1%
150	\$610,422,965	\$667,056,814	9.3%	\$507,974,003	\$550,694,036	8.4%
100	\$499,456,959	\$550,302,625	10.2%	\$392,429,767	\$435,504,226	11.0%
75	\$420,054,720	\$467,447,086	11.3%	\$338,939,207	\$372,077,182	9.8%
50	\$335,201,977	\$371,864,758	10.9%	\$262,130,934	\$290,296,318	10.7%
20	\$155,555,734	\$172,882,119	11.1%	\$105,544,970	\$118,301,052	12.1%
10	\$69,636,932	\$77,961,690	12.0%	\$39,406,748	\$43,596,130	10.6%
Average Annual Loss	\$28,426,844	\$31,389,295	10.4%	\$20,460,850	\$22,586,724	10.4%
Standard Deviation	\$98,700,349	\$108,106,752	9.5%	\$84,235,079	\$92,199,278	9.5%
100 Yr PML:Premium	3,192.0	3,308.6	3.7%	2,566.6	2,661.4	3.7%
Implied HU Loss Ratio	19522.1%	20294.1%	4.0%	14051.4%	14603.0%	3.9%

Exposure Summary:

	11/1/2015	11/1/2016	
Total Limit	\$16,681,971,210	\$18,350,842,955	10.0%
Premium	\$71,165,137	\$77,253,784	8.6%
Policy Count	145,614	154,672	6.2%
Location Count	183,372	195,052	6.4%

Modeling Notes:

1. Demand surge is included.
2. Storm surge is excluded.

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