

**North Carolina
IUA and JUA Combined - AIR**

Data in force as of 1/1/2010

AIR v 11 - IUA and JUA Combined

Per Occurrence PMLs:

Return Period	Commercial	Personal	Combined
1,000	\$1,460,680,941	\$10,768,815,343	\$12,146,309,932
500	\$1,275,720,142	\$9,210,443,839	\$10,459,513,187
250	\$943,947,302	\$6,459,885,163	\$7,497,224,789
150	\$711,440,179	\$4,785,324,034	\$5,522,514,257
100	\$552,522,162	\$3,593,582,314	\$4,098,333,573
75	\$457,002,273	\$2,957,146,585	\$3,410,807,631
50	\$327,333,142	\$2,147,358,142	\$2,460,651,025
20	\$129,362,444	\$893,433,265	\$1,024,459,784
10	\$48,382,053	\$366,322,681	\$413,330,964

Annual Aggregate PMLs:

Return Period	Commercial	Personal	Combined
1,000	\$1,516,075,878	\$11,330,764,219	\$12,754,840,693
500	\$1,347,288,592	\$9,272,438,109	\$10,666,824,473
250	\$978,764,819	\$6,550,308,857	\$7,573,126,141
150	\$755,092,706	\$4,912,785,119	\$5,687,924,739
100	\$598,015,675	\$3,801,310,086	\$4,419,191,312
75	\$474,368,739	\$3,212,665,668	\$3,693,627,336
50	\$341,849,333	\$2,288,265,685	\$2,626,369,518
20	\$135,578,115	\$954,582,328	\$1,093,980,936
10	\$52,972,396	\$395,426,259	\$447,158,156

Average Annual Loss	\$28,268,816	\$199,447,697	\$227,716,513
Standard Deviation	\$124,438,718	\$865,448,446	\$989,344,890

Exposure Summary:

	Commercial	Personal	Combined
TIV	\$9,380,002,888	\$66,479,009,114	\$75,859,012,002
Premium	\$47,664,814	\$274,544,894	\$322,209,708
Policy Count	10,892	227,727	238,619
Location Count	25,624	245,701	271,325

Modeling Notes:

1. Frequency represents the near term ("stochastic"/"WSST") view.
2. Demand surge ("loss amplification") is included.
3. Storm surge is excluded.

Instrat® Analysis

North Carolina
FAIR Plan - AIR

Data in force as of 1/1/2010

AIR v 11 - FAIR Plan Coastal + Inland Results

AIR v 11 - FAIR Plan Coastal

AIR v 11 - FAIR Plan Inland

Per Occurrence PMLs:

Return Period	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
1,000	\$14,955,539	\$545,915,150	\$561,925,880	\$11,998,177	\$482,637,881	\$494,748,082	\$5,207,489	\$80,919,487	\$83,831,302
500	\$12,768,759	\$458,866,855	\$469,445,511	\$10,222,434	\$417,745,456	\$427,650,074	\$3,828,439	\$70,212,147	\$74,166,720
250	\$9,542,048	\$330,623,611	\$339,062,861	\$7,613,945	\$288,559,826	\$295,484,018	\$2,845,997	\$50,088,395	\$53,923,048
150	\$7,316,107	\$251,085,735	\$256,110,480	\$5,800,230	\$226,567,196	\$221,006,895	\$2,108,692	\$37,995,622	\$39,619,948
100	\$5,474,686	\$188,581,174	\$193,628,035	\$4,304,961	\$172,843,496	\$176,866,095	\$1,559,331	\$29,186,459	\$30,778,494
75	\$4,650,205	\$160,763,694	\$165,536,416	\$3,608,991	\$139,429,458	\$142,090,078	\$1,126,545	\$22,357,690	\$23,297,701
50	\$3,425,746	\$117,037,955	\$120,055,778	\$2,622,864	\$103,147,997	\$105,833,695	\$819,107	\$15,538,644	\$16,172,770
20	\$1,324,240	\$47,614,266	\$48,942,942	\$1,004,777	\$40,278,047	\$41,241,990	\$282,599	\$6,435,789	\$6,743,288
10	\$487,765	\$18,377,926	\$19,043,758	\$352,738	\$15,412,319	\$15,773,921	\$89,124	\$2,649,407	\$2,740,567

Annual Aggregate PMLs:

Return Period	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
1,000	\$15,537,416	\$609,959,218	\$622,864,960	\$12,110,202	\$519,572,294	\$530,210,837	\$5,373,110	\$90,386,916	\$93,992,703
500	\$12,799,953	\$462,926,102	\$474,282,693	\$10,606,515	\$418,604,572	\$429,211,081	\$4,004,298	\$73,529,349	\$75,598,684
250	\$9,853,635	\$346,293,940	\$354,430,290	\$7,980,601	\$298,241,919	\$305,388,677	\$3,008,643	\$54,858,297	\$58,823,394
150	\$7,555,804	\$261,813,311	\$270,138,487	\$5,912,546	\$236,199,218	\$238,767,683	\$2,136,919	\$38,664,595	\$40,064,249
100	\$6,006,117	\$197,546,958	\$203,239,368	\$4,649,709	\$180,228,320	\$183,967,411	\$1,636,109	\$29,817,215	\$31,386,788
75	\$4,933,233	\$169,350,096	\$172,817,317	\$3,739,887	\$147,118,397	\$150,503,837	\$1,193,807	\$23,597,022	\$25,093,567
50	\$3,567,149	\$124,999,535	\$128,760,623	\$2,716,270	\$107,564,624	\$109,870,713	\$831,818	\$15,677,058	\$16,713,555
20	\$1,364,579	\$50,032,351	\$51,784,080	\$1,042,517	\$42,910,070	\$43,855,677	\$299,878	\$6,807,897	\$7,075,109
10	\$519,967	\$20,264,771	\$20,837,290	\$376,818	\$16,953,298	\$17,352,660	\$93,792	\$2,816,058	\$2,929,074
Average Annual Loss	\$288,053	\$10,440,223	\$10,728,276	\$217,869	\$9,003,521	\$9,221,390	\$70,184	\$1,436,702	\$1,506,886
Standard Deviation	\$1,250,141	\$44,773,400	\$45,995,485	\$974,149	\$39,332,527	\$40,288,316	\$377,383	\$6,543,565	\$6,879,765

Exposure Summary:

	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
TIV	\$253,848,236	\$4,467,839,163	\$4,721,687,399	\$68,304,529	\$2,291,369,037	\$2,359,673,566	\$185,543,707	\$2,176,470,126	\$2,362,013,833
Premium	\$1,278,087	\$24,089,316	\$25,367,403	\$614,577	\$14,494,058	\$15,108,635	\$663,510	\$9,595,258	\$10,258,768
Policy Count	1,559	64,629	66,188	429	27,801	28,230	1,130	36,828	37,958
Location Count	2,633	78,961	81,594	669	31,777	32,446	1,964	47,184	49,148

Modeling Notes:

1. Frequency represents the near term ("stochastic"/"WSST") view.
2. Demand surge ("loss amplification") is included.
3. Storm surge is excluded.

Instrat® Analysis

North Carolina
Coastal Property Insurance Pool (IUA) - AIR

Data in force as of 1/1/2010

AIR v 11 - IUA Coastal + Beach Results

AIR v 11 - IUA Coastal

AIR v 11 - IUA Beach

Per Occurrence PMLs:

Return Period	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
1,000	\$1,445,780,224	\$10,147,035,129	\$11,509,574,164	\$981,965,864	\$7,649,536,193	\$8,620,823,629	\$548,765,453	\$3,214,908,530	\$3,801,224,035
500	\$1,261,141,966	\$8,746,747,386	\$9,942,238,812	\$844,117,522	\$6,668,347,938	\$7,504,634,334	\$446,262,382	\$2,569,447,897	\$2,945,741,338
250	\$934,405,279	\$6,154,442,315	\$7,106,203,508	\$630,002,405	\$4,194,871,483	\$4,780,404,850	\$367,339,486	\$1,860,356,515	\$2,248,536,839
150	\$704,639,263	\$4,574,865,713	\$5,267,380,816	\$459,571,528	\$3,216,197,891	\$3,632,622,485	\$260,775,121	\$1,456,765,384	\$1,689,932,744
100	\$547,497,414	\$3,391,408,370	\$3,962,561,149	\$325,439,071	\$2,295,507,854	\$2,637,176,606	\$202,822,330	\$1,096,862,811	\$1,279,496,008
75	\$452,529,489	\$2,804,665,344	\$3,229,196,123	\$271,030,488	\$1,819,619,524	\$2,095,219,939	\$170,096,082	\$910,274,459	\$1,080,675,929
50	\$324,466,332	\$2,020,836,018	\$2,336,807,945	\$198,802,714	\$1,364,596,184	\$1,574,826,824	\$127,157,108	\$706,891,427	\$830,624,547
20	\$127,935,226	\$844,676,339	\$978,110,836	\$77,447,777	\$545,319,536	\$625,224,745	\$50,228,227	\$296,770,431	\$348,957,818
10	\$47,822,100	\$344,955,888	\$396,424,603	\$27,668,366	\$209,966,909	\$236,252,747	\$18,677,422	\$120,507,279	\$139,030,727

Annual Aggregate PMLs:

Return Period	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
1,000	\$1,501,151,890	\$10,720,804,661	\$12,131,975,346	\$1,034,587,636	\$7,964,173,636	\$8,961,395,989	\$593,663,834	\$3,367,834,734	\$3,994,916,962
500	\$1,335,618,579	\$8,827,305,610	\$10,197,632,842	\$888,918,575	\$6,776,355,034	\$7,667,354,018	\$468,919,472	\$2,641,986,074	\$3,106,741,159
250	\$967,654,488	\$6,277,441,546	\$7,231,579,940	\$649,035,939	\$4,252,519,025	\$4,890,633,652	\$376,813,737	\$1,902,858,164	\$2,262,240,355
150	\$749,049,710	\$4,672,072,876	\$5,456,847,936	\$465,129,647	\$3,266,999,774	\$3,682,304,253	\$263,860,129	\$1,584,013,025	\$1,782,445,337
100	\$591,127,038	\$3,560,622,010	\$4,179,900,760	\$351,731,476	\$2,463,353,221	\$2,837,656,786	\$212,788,000	\$1,152,893,299	\$1,372,726,675
75	\$470,168,875	\$3,048,566,864	\$3,521,017,091	\$284,005,089	\$2,020,494,318	\$2,299,293,096	\$177,080,952	\$958,722,536	\$1,141,352,240
50	\$338,543,967	\$2,161,580,694	\$2,496,803,073	\$205,083,645	\$1,414,268,164	\$1,625,212,540	\$134,938,626	\$753,900,678	\$896,745,018
20	\$134,213,540	\$907,036,503	\$1,048,119,020	\$80,946,218	\$575,114,952	\$653,331,277	\$52,786,836	\$313,042,177	\$370,127,493
10	\$52,300,208	\$375,145,325	\$426,405,159	\$29,760,108	\$230,652,981	\$260,093,170	\$20,085,041	\$131,427,690	\$151,228,892
Average Annual Loss	\$27,980,763	\$189,007,474	\$216,988,237	\$17,249,645	\$125,456,355	\$142,706,000	\$10,731,118	\$63,551,119	\$74,282,238
Standard Deviation	\$123,228,042	\$821,542,782	\$944,249,899	\$79,963,543	\$586,715,539	\$666,364,419	\$45,503,911	\$259,721,407	\$304,631,233

Exposure Summary:

	Commercial	Personal	Combined	Commercial	Personal	Combined	Commercial	Personal	Combined
TIV	\$9,126,154,652	\$62,011,169,951	\$71,137,324,603	\$5,974,571,331	\$42,218,909,102	\$48,193,480,433	\$3,151,583,321	\$19,792,260,849	\$22,943,844,170
Premium	\$46,386,727	\$250,455,578	\$296,842,305	\$21,792,011	\$140,146,687	\$161,938,698	\$24,594,716	\$110,308,891	\$134,903,607
Policy Count	9,333	163,098	172,431	6,653	113,750	120,403	2,680	49,348	52,028
Location Count	22,991	166,740	189,731	16,531	115,367	131,898	6,460	51,373	57,833

Modeling Notes:

1. Frequency represents the near term ("stochastic"/"WSST") view.
2. Demand surge ("loss amplification") is included.
3. Storm surge is excluded.

Instrat® Analysis

North Carolina IUA and JUA Combined - AIR Summary Data in force as of 1/1/2010

AIR - WSST AIR - Standard
Hurricane View Hurricane View

Per Occurrence PMLs:

Return Period	1/1/2010 -v11	1/1/2010 -v11
1,000	\$12,146,309,932	\$11,708,458,295
500	\$10,459,513,187	\$9,619,471,793
250	\$7,497,224,789	\$6,393,819,908
150	\$5,522,514,257	\$4,377,677,373
100	\$4,098,333,573	\$3,350,047,982
75	\$3,410,807,631	\$2,626,369,518
50	\$2,460,651,025	\$1,813,842,356
20	\$1,024,459,784	\$649,058,397
10	\$413,330,964	\$220,056,656

Annual Aggregate PMLs:

Return Period	1/1/2010 -v11	1/1/2010 -v11
1,000	\$12,754,840,693	\$12,367,634,694
500	\$10,666,824,473	\$10,129,193,916
250	\$7,573,126,141	\$6,757,215,490
150	\$5,687,924,739	\$4,722,773,541
100	\$4,419,191,312	\$3,687,674,417
75	\$3,693,627,336	\$2,766,040,198
50	\$2,626,369,518	\$1,901,205,827
20	\$1,093,980,936	\$701,113,153
10	\$447,158,156	\$246,246,996
Average Annual Loss	\$227,716,513	\$164,800,057
Standard Deviation	\$989,344,890	\$864,904,507

<u>Exposure Summary:</u>	1/1/2010
TIV	\$75,859,012,002
Premium	\$322,209,708
Policy Count	238,619
Location Count	271,325

Modeling Notes:

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

Instrat® Analysis

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