# Modeled Average Annual Loss Primary Drivers of Risk Report Primary and Secondary Risk Characteristics

December 2016



# **Average Annual Loss Contribution Primary and Secondary Risk Characteristics**

- Personal Residential
- Commercial Residential
- Commercial Non Residential

### Personal Residential: Primary Characteristics AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Policy Form	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
HW2	\$22,509,301,110	\$84,822,537	49,619	\$110,688,534	\$453,643	\$1,709	269%	3.77	4.92	0.4%
HO3	\$42,294,950,013	\$76,109,121	144,726	\$344,391,974	\$292,242	\$526	83%	1.80	8.14	0.2%
DP3	\$14,144,090,476	\$35,669,447	81,837	\$113,150,300	\$172,832	\$436	68%	2.52	8.00	0.3%
DW2 <sup>(4)</sup>	\$4,338,372,200	\$21,205,574	12,336	\$24,217,159	\$351,684	\$1,719	270%	4.89	5.58	0.5%
MHO3	\$991,602,843	\$12,406,937	19,429	\$18,126,228	\$51,037	\$639	100%	12.51	18.28	1.3%
DP1	\$3,880,668,194	\$10,394,572	17,963	\$25,208,358	\$216,037	\$579	91%	2.68	6.50	0.3%
MDP1	\$1,155,720,484	\$9,256,509	29,882	\$13,177,360	\$38,676	\$310	49%	8.01	11.40	0.8%
HW6	\$2,589,054,000	\$8,473,529	16,652	\$12,867,341	\$155,480	\$509	80%	3.27	4.97	0.3%
HO6	\$1,663,501,335	\$5,459,736	33,881	\$26,276,707	\$49,098	\$161	25%	3.28	15.80	0.3%
MW2	\$147,023,750	\$3,045,217	3,684	\$2,751,544	\$39,909	\$827	130%	20.71	18.71	2.1%
HO8	\$200,014,636	\$436,739	1,023	\$2,087,419	\$195,518	\$427	67%	2.18	10.44	0.2%
HO4	\$157,352,420	\$348,861	8,333	\$1,841,497	\$18,883	\$42	7%	2.22	11.70	0.2%
MD1	\$12,166,720	\$332,916	400	\$279,602	\$30,417	\$832	131%	27.36	22.98	2.7%
HW4	\$45,890,710	\$147,948	678	\$220,161	\$67,685	\$218	34%	3.22	4.80	0.3%
MHO4	\$20,829,575	\$86,014	947	\$306,539	\$21,995	\$91	14%	4.13	14.72	0.4%
MHW4	\$22,000	\$19	1	\$246	\$22,000	\$19	3%	0.85	11.18	0.1%
<b>Personal Residential Total</b>	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

# Personal Residential: Primary Characteristics Cont. AAL Contribution

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Construction	Exposure <sup>(1)</sup>	AAL	Count	Subtotal (2)	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Masonry	\$73,167,599,474	\$176,202,635	298,758	\$549,803,523	\$244,906	\$590	93%	2.41	7.51	0.24%
Wood Frame	\$15,363,646,412	\$55,958,416	53,161	\$94,060,431	\$289,002	\$1,053	165%	3.64	6.12	0.36%
Mobile Home Tie-Down	\$2,327,365,372	\$25,127,611	54,343	\$34,641,519	\$42,827	\$462	73%	10.80	14.88	1.08%
Reinforced Masonry <sup>(4)</sup>	\$1,795,652,020	\$8,207,295	6,277	\$8,006,424	\$286,069	\$1,308	205%	4.57	4.46	0.46%
Reinforced Concrete	\$1,025,380,000	\$1,740,507	6,834	\$5,992,128	\$150,041	\$255	40%	1.70	5.84	0.17%
Masonry Veneer	\$470,917,188	\$959,209	2,018	\$3,086,944	\$233,358	\$475	75%	2.04	6.56	0.20%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Occupancy	Exposure <sup>(1)</sup>	AAL	Count	Subtotal (2)	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Single Family <sup>(4)</sup>	\$88,033,942,915	\$248,752,727	333,635	\$641,315,921	\$263,863	\$746	117%	2.83	7.28	0.28%
Apartments/Condo	\$5,906,989,435	\$18,928,894	78,598	\$52,163,525	\$75,154	\$241	38%	3.20	8.83	0.32%
Multi-Family	\$209,628,116	\$514,052	9,158	\$2,111,523	\$22,890	\$56	9%	2.45	10.07	0.25%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	<u> </u>
Geocode Match Level	Exposure <sup>(1)</sup>	AAL	Count	Subtotal (2)	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Exact Address <sup>(4)</sup>	\$90,929,335,413	\$258,357,779	403,235	\$674,768,883	\$225,500	\$641	101%	2.84	7.42	0.28%
Relaxed Address	\$2,341,980,723	\$7,164,332	12,465	\$15,311,977	\$187,885	\$575	90%	3.06	6.54	0.31%
Postal Code Centroid	\$879,069,550	\$2,673,383	5,690	\$5,509,030	\$154,494	\$470	74%	3.04	6.27	0.30%
City Centroid	\$174,780	\$179	1	\$1,079	\$174,780	\$179	28%	1.03	6.17	0.10%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

## Personal Residential: Primary Characteristics Cont. AAL Contribution

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Year Built Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Pre 1995 <sup>(4)</sup>	\$74,936,148,751	\$230,498,115	349,474	\$605,701,625	\$214,426	\$660	104%	3.08	8.08	0.31%
1995	\$1,289,577,380	\$2,900,622	4,569	\$7,356,070	\$282,245	\$635	100%	2.25	5.70	0.22%
1996	\$1,280,454,633	\$2,984,187	4,589	\$7,201,220	\$279,027	\$650	102%	2.33	5.62	0.23%
1997	\$1,229,434,979	\$2,681,540	4,540	\$6,586,410	\$270,801	\$591	93%	2.18	5.36	0.22%
1998	\$1,221,342,408	\$2,707,789	4,671	\$6,427,251	\$261,473	\$580	91%	2.22	5.26	0.22%
1999	\$1,162,968,653	\$2,502,077	4,354	\$5,998,357	\$267,104	\$575	90%	2.15	5.16	0.22%
2000	\$1,181,038,430	\$2,440,422	4,177	\$5,920,226	\$282,748	\$584	92%	2.07	5.01	0.21%
2001	\$1,194,826,195	\$2,346,507	4,162	\$5,827,157	\$287,080	\$564	89%	1.96	4.88	0.20%
2002	\$1,316,821,840	\$2,362,121	4,539	\$5,258,104	\$290,113	\$520	82%	1.79	3.99	0.18%
2003	\$1,252,549,015	\$2,119,706	4,408	\$5,102,679	\$284,154	\$481	76%	1.69	4.07	0.17%
2004	\$1,432,178,007	\$2,546,227	5,307	\$6,150,038	\$269,866	\$480	75%	1.78	4.29	0.18%
2005	\$1,534,077,558	\$2,531,111	6,141	\$6,662,506	\$249,809	\$412	65%	1.65	4.34	0.16%
2006	\$1,560,238,128	\$2,735,850	6,009	\$6,440,869	\$259,650	\$455	72%	1.75	4.13	0.18%
2007	\$996,787,496	\$1,852,137	4,189	\$4,288,432	\$237,954	\$442	69%	1.86	4.30	0.19%
2008	\$481,623,639	\$953,644	2,209	\$2,186,597	\$218,028	\$432	68%	1.98	4.54	0.20%
2009	\$250,683,556	\$435,037	1,003	\$1,073,940	\$249,934	\$434	68%	1.74	4.28	0.17%
2010	\$227,980,765	\$442,916	859	\$971,322	\$265,403	\$516	81%	1.94	4.26	0.19%
2011	\$218,268,692	\$392,902	716	\$852,692	\$304,845	\$549	86%	1.80	3.91	0.18%
2012	\$267,629,115	\$542,002	909	\$1,002,502	\$294,421	\$596	94%	2.03	3.75	0.20%
2013	\$302,273,626	\$606,706	1,092	\$1,152,726	\$276,807	\$556	87%	2.01	3.81	0.20%
2014	\$288,991,576	\$563,909	1,198	\$1,132,439	\$241,228	\$471	74%	1.95	3.92	0.20%
2015	\$287,717,105	\$593,988	1,315	\$1,277,978	\$218,796	\$452	71%	2.06	4.44	0.21%
2016	\$232,091,899	\$439,127	919	\$975,345	\$252,548	\$478	75%	1.89	4.20	0.19%
2017	\$4,857,020	\$17,031	42	\$44,484	\$115,643	\$406	64%	3.51	9.16	0.35%
Personal Residential Total	\$94,150,560,466	\$268,195,673	\$421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

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			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Stories Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
1 to 3 <sup>(4)</sup>	\$90,155,624,003	\$249,914,656	370,351	\$656,823,701	\$243,433	\$675	106%	2.77	7.29	0.28%
Unknown	\$886,020,765	\$9,158,440	16,790	\$13,226,328	\$52,771	\$545	86%	10.34	14.93	1.03%
4 to 7	\$1,237,226,444	\$4,071,012	17,278	\$10,624,611	\$71,607	\$236	37%	3.29	8.59	0.33%
8 to 14	\$636,371,517	\$1,880,424	6,778	\$5,300,889	\$93,888	\$277	44%	2.95	8.33	0.30%
15 to 25	\$761,815,410	\$2,230,927	6,897	\$6,321,202	\$110,456	\$323	51%	2.93	8.30	0.29%
26 to 35	\$267,781,037	\$656,954	1,859	\$1,906,866	\$144,046	\$353	56%	2.45	7.12	0.25%
36 to 45	\$110,652,112	\$168,733	820	\$750,862	\$134,942	\$206	32%	1.52	6.79	0.15%
46+	\$95,069,178	\$114,527	618	\$636,510	\$153,834	\$185	29%	1.20	6.70	0.12%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Personal Residential: Secondary Characteristics AAL Contribution

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	Loss Cost (3)
Roof Type	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	
Gable End w/o Bracing	\$57,307,864,761	\$153,842,970	213,259	\$436,953,813	\$268,724	\$721	113%	2.68	7.62	0.27%
Hip <sup>(4)</sup>	\$21,718,809,896	\$48,498,811	61,097	\$112,982,372	\$355,481	\$794	125%	2.23	5.20	0.22%
Unknown	\$7,668,043,780	\$39,825,191	106,297	\$76,398,077	\$72,138	\$375	59%	5.19	9.96	0.52%
Flat	\$7,455,842,029	\$26,028,702	40,738	\$69,256,707	\$183,019	\$639	100%	3.49	9.29	0.35%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Cover	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
FBC Equivalent	\$42,792,987,871	\$109,444,085	151,920	\$304,205,084	\$281,681	\$720	113%	2.56	7.11	0.26%
Asphalt Shingles	\$23,862,049,952	\$59,303,940	91,901	\$172,777,828	\$259,650	\$645	101%	2.49	7.24	0.25%
Unknown	\$7,571,605,877	\$42,728,707	123,359	\$80,271,702	\$61,379	\$346	54%	5.64	10.60	0.56%
Clay/Concrete Tiles	\$15,239,564,990	\$38,595,991	40,685	\$106,992,622	\$374,575	\$949	149%	2.53	7.02	0.25%
Standing Seam Metal Roof <sup>(4)</sup>	\$3,090,571,081	\$12,870,869	7,100	\$16,182,944	\$435,292	\$1,813	285%	4.16	5.24	0.42%
Built Up Roof w/Gravel	\$1,422,338,945	\$4,760,364	5,882	\$13,818,897	\$241,812	\$809	127%	3.35	9.72	0.33%
Wood Shingles	\$133,558,260	\$390,178	462	\$1,172,675	\$289,087	\$845	133%	2.92	8.78	0.29%
Slate	\$37,883,490	\$101,539	82	\$169,217	\$461,994	\$1,238	195%	2.68	4.47	0.27%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Deck Attachment	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
8d @ 6", 6" on center	\$46,901,073,502	\$119,922,882	155,614	\$346,190,924	\$301,394	\$771	121%	2.56	7.38	0.26%
Unknown	\$17,811,196,853	\$67,922,384	157,809	\$146,984,910	\$112,866	\$430	68%	3.81	8.25	0.38%
6d @ 6", 12" on center	\$21,554,740,250	\$57,552,300	82,391	\$149,786,404	\$261,615	\$699	110%	2.67	6.95	0.27%
8d @ 6", 12" on center <sup>(4)</sup>	\$7,883,549,861	\$22,798,108	25,577	\$52,628,731	\$308,228	\$891	140%	2.89	6.68	0.29%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Personal Residential: Secondary Characteristics Cont. AAL Contribution

#### Personal Residential

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Deck	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Unknown <sup>(4)</sup>	\$90,456,556,983	\$254,011,372	391,571	\$669,370,262	\$231,009	\$649	102%	2.81	7.40	0.28%
Reinforced Concrete Slab	\$3,364,916,012	\$13,141,131	25,400	\$22,717,643	\$132,477	\$517	81%	3.91	6.75	0.39%
Metal Deck W/Insullation Board	\$211,108,091	\$659,794	2,431	\$2,131,649	\$86,840	\$271	43%	3.13	10.10	0.31%
Wood Planks	\$117,979,380	\$383,376	1,989	\$1,371,415	\$59,316	\$193	30%	3.25	11.62	0.32%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Anchorage	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Unknown	\$23,812,497,902	\$79,899,599	174,419	\$172,649,202	\$136,525	\$458	72%	3.36	7.25	0.34%
Hurricane Ties	\$26,851,832,657	\$68,370,026	86,610	\$190,794,580	\$310,032	\$789	124%	2.55	7.11	0.25%
Nails/Screws	\$21,976,228,906	\$63,986,058	90,556	\$198,475,245	\$242,681	\$707	111%	2.91	9.03	0.29%
Clips <sup>(4)</sup>	\$21,510,001,001	\$55,939,991	69,806	\$133,671,942	\$308,140	\$801	126%	2.60	6.21	0.26%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

#### **Personal Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Window Protection	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
No Protection	\$54,686,664,960	\$142,207,235	220,701	\$418,526,632	\$247,786	\$644	101%	2.60	7.65	0.26%
Engineered Shutters	\$24,220,168,059	\$69,332,215	73,764	\$155,615,401	\$328,347	\$940	148%	2.86	6.43	0.29%
Unknown	\$12,526,494,867	\$47,776,484	117,975	\$103,415,178	\$106,179	\$405	64%	3.81	8.26	0.38%
Non Engineered Shutters <sup>(4)</sup>	\$2,717,232,580	\$8,879,740	8,951	\$18,033,758	\$303,567	\$992	156%	3.27	6.64	0.33%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636		2.85	7.39	0.28%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	!
Secondary Water Resistance	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
No <sup>(4)</sup>	\$68,712,871,592	\$183,344,376	247,434	\$508,465,502	\$277,702	\$741	116%	2.67	7.40	0.27%
Unknown	\$18,533,437,054	\$66,901,008	141,189	\$149,241,984	\$131,267	\$474	74%	3.61	8.05	0.36%
Yes	\$6,904,251,820	\$17,950,289	32,768	\$37,883,483	\$210,701	\$548	86%	2.60	5.49	0.26%
Personal Residential Total	\$94,150,560,466	\$268,195,673	421,391	\$695,590,969	\$223,428	\$636	•	2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

## Personal Residential: Secondary Characteristics Cont. AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Total Exposure Bands (4)	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
0 - 100,000	\$5,261,602,436	\$33,704,389	126,483	\$68,107,138	\$41,599	\$266	42%	6.41	12.94	0.64%
100,001 - 200,000	\$13,057,130,091	\$34,103,317	80,957	\$119,160,985	\$161,285	\$421	66%	2.61	9.13	0.26%
200,001 - 300,000	\$25,388,848,174	\$61,234,059	103,351	\$205,386,946	\$245,657	\$592	93%	2.41	8.09	0.24%
300,001 - 400,000	\$19,326,443,714	\$48,362,944	56,155	\$131,494,648	\$344,162	\$861	135%	2.50	6.80	0.25%
400,001 - 500,000	\$11,436,934,779	\$30,914,712	25,808	\$69,375,939	\$443,155	\$1,198	188%	2.70	6.07	0.27%
500,001 - 600,000	\$6,476,324,560	\$19,210,879	11,889	\$36,380,823	\$544,732	\$1,616	254%	2.97	5.62	0.30%
600,001 - 700,000	\$4,340,198,454	\$13,599,740	6,727	\$23,414,838	\$645,191	\$2,022	318%	3.13	5.39	0.31%
700,001 - 800,000	\$2,949,437,839	\$9,097,741	3,956	\$14,868,998	\$745,561	\$2,300	361%	3.08	5.04	0.31%
800,001 - 900,000	\$1,910,500,530	\$5,943,619	2,252	\$9,384,456	\$848,357	\$2,639	415%	3.11	4.91	0.31%
900,001 - 1,000,000	\$1,596,017,500	\$4,802,631	1,685	\$7,301,674	\$947,191	\$2,850	448%	3.01	4.57	0.30%
1,000,001 - 2,000,000	\$2,407,122,389	\$7,221,643	2,128	\$10,714,524	\$1,131,167	\$3,394	533%	3.00	4.45	0.30%
<b>Personal Residential Total</b>	94,150,560,466	268,195,673	421,391	695,590,969	\$223,428	\$636		2.85	7.39	0.28%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Policies in Miami and Monroe are exempt from 700K Exposure limits

# **Average Annual Loss Contribution Primary and Secondary Risk Characteristics**

- Personal Residential
- Commercial Residential
- Commercial Non Residential

## Commercial Residential: Primary Characteristics AAL Contribution

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Policy Form	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Condo Association <sup>(4)</sup>	\$15,219,082,983	\$47,694,735	9,489	\$58,988,185	\$1,603,866	\$5,026	158%	3.13	3.88	0.31%
Apartment Building	\$3,482,113,939	\$14,006,137	5,409	\$19,581,802	\$643,763	\$2,589	81%	4.02	5.62	0.40%
Homeowners Association	\$1,977,620,223	\$6,978,584	3,789	\$7,361,658	\$521,937	\$1,842	58%	3.53	3.72	0.35%
Special Class	\$123,491,000	\$699,136	2,583	\$268,576	\$47,809	\$271	8%	5.66	2.17	0.57%
CR-Other	\$92,228,235	\$594,760	698	\$108,408	\$132,132	\$852	27%	6.45	1.18	0.64%
<b>Commercial Residential Total</b>	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Construction	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Wind Resistive	\$10,763,506,282	\$31,716,573	5,461	\$30,086,643	\$1,970,977	\$5,808	182%	2.95	2.80	0.29%
Masonry	\$3,359,158,311	\$17,512,583	6,227	\$21,507,731	\$539,451	\$2,812	88%	5.21	6.40	0.52%
Wood Frame	\$2,898,873,025	\$11,615,194	5,522	\$22,199,356	\$524,968	\$2,103	66%	4.01	7.66	0.40%
Reinforced Concrete <sup>(4)</sup>	\$3,309,748,800	\$6,759,315	927	\$10,672,304	\$3,570,387	\$7,292	229%	2.04	3.22	0.20%
Semi Wind Resistive	\$385,542,562	\$1,468,328	290	\$1,446,081	\$1,329,457	\$5,063	159%	3.81	3.75	0.38%
Unknown	\$177,707,400	\$901,358	3,541	\$396,514	\$50,186	\$255	8%	5.07	2.23	0.51%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Residential: Primary Characteristics Cont. AAL Contribution

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Occupancy	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Apartments/Condos <sup>(4)</sup>	\$20,725,916,745	\$69,044,741	20,782	\$86,254,319	\$997,301	\$3,322	104%	3.33	4.16	0.3%
Entertainment and Recreation	\$166,933,335	\$919,765	1,182	\$45,112	\$141,230	\$778	24%	5.51	0.27	0.55%
Temporary Lodging	\$1,686,300	\$8,844	4	\$9,198	\$421,575	\$2,211	69%	5.24	5.45	0.5%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Geocode Match Level	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Exact Address <sup>(4)</sup>	\$19,845,538,500	\$66,599,169	20,808	\$82,503,490	\$953,746	\$3,201	100%	3.36	4.16	0.34%
Relaxed Address	\$855,662,600	\$2,787,951	969	\$3,163,638	\$883,037	\$2,877	90%	3.26	3.70	0.33%
Postal Code Centroid	\$193,335,280	\$586,231	191	\$641,501	\$1,012,227	\$3,069	96%	3.03	3.32	0.30%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

## Commercial Residential: Primary Characteristics Cont. AAL Contribution

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Year Built Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Pre 1995	\$19,081,914,929	\$66,027,448	20,358	\$81,328,003	\$937,318	\$3,243	102%	3.46	4.26	0.35%
1995 <sup>(4)</sup>	\$154,518,000	\$598,887	137	\$680,234	\$1,127,869	\$4,371	137%	3.88	4.40	0.39%
1996	\$172,054,300	\$516,215	133	\$560,873	\$1,293,641	\$3,881	122%	3.00	3.26	0.30%
1997	\$122,871,344	\$272,841	92	\$243,804	\$1,335,558	\$2,966	93%	2.22	1.98	0.22%
1998	\$104,970,700	\$255,571	100	\$281,078	\$1,049,707	\$2,556	80%	2.43	2.68	0.24%
1999	\$95,015,700	\$181,058	64	\$217,250	\$1,484,620	\$2,829	89%	1.91	2.29	0.19%
2000	\$191,457,060	\$551,826	140	\$554,854	\$1,367,550	\$3,942	124%	2.88	2.90	0.29%
2001	\$163,512,367	\$304,064	128	\$411,749	\$1,277,440	\$2,376	75%	1.86	2.52	0.19%
2002	\$117,504,500	\$176,924	89	\$250,990	\$1,320,275	\$1,988	62%	1.51	2.14	0.15%
2003	\$109,793,000	\$170,414	104	\$242,475	\$1,055,702	\$1,639	51%	1.55	2.21	0.16%
2004	\$54,084,200	\$75,253	72	\$100,761	\$751,169	\$1,045	33%	1.39	1.86	0.14%
2005	\$115,915,580	\$238,421	102	\$251,158	\$1,136,427	\$2,337	73%	2.06	2.17	0.21%
2006	\$145,788,200	\$156,077	106	\$348,599	\$1,375,360	\$1,472	46%	1.07	2.39	0.11%
2007	\$118,377,500	\$189,594	100	\$313,675	\$1,183,775	\$1,896	60%	1.60	2.65	0.16%
2008	\$52,886,400	\$93,037	62	\$131,530	\$853,006	\$1,501	47%	1.76	2.49	0.18%
2009	\$11,384,800	\$13,010	11	\$69,485	\$1,034,982	\$1,183	37%	1.14	6.10	0.11%
2010	\$12,805,300	\$13,106	14	\$33,364	\$914,664	\$936	29%	1.02	2.61	0.10%
2011	\$21,926,900	\$74,326	40	\$54,619	\$548,173	\$1,858	58%	3.39	2.49	0.34%
2012	\$7,957,000	\$11,862	26	\$152,716	\$306,038	\$456	14%	1.49	19.19	0.15%
2013	\$16,022,300	\$22,550	20	\$37,388	\$801,115	\$1,127	35%	1.41	2.33	0.14%
2014	\$6,478,900	\$12,004	43	\$12,503	\$150,672	\$279	9%	1.85	1.93	0.19%
2015	\$13,138,100	\$14,211	19	\$20,583	\$691,479	\$748	23%	1.08	1.57	0.11%
2016	\$4,159,300	\$4,651	8	\$10,938	\$519,913	\$581	18%	1.12	2.63	0.11%
<b>Commercial Residential Total</b>	\$20,894,536,380	\$69,973,351	\$21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Stories Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
1 to 3	\$11,601,005,562	\$45,567,997	16,617	\$57,479,945	\$698,141	\$2,742	86%	3.93	4.95	0.39%
4 to 7	\$7,792,658,238	\$20,493,323	1,687	\$23,114,556	\$4,619,240	\$12,148	381%	2.63	2.97	0.26%
8 to 14	\$1,164,505,060	\$2,606,759	115	\$4,604,649	\$10,126,131	\$22,667	712%	2.24	3.95	0.22%
Unknown	\$177,707,400	\$901,358	3,541	\$396,514	\$50,186	\$255	8%	5.07	2.23	0.51%
15+ <sup>(4)</sup>	\$158,660,120	\$403,914	8	\$712,965	\$19,832,515	\$50,489	1585%	2.55	4.49	0.25%
<b>Commercial Residential Total</b>	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Residential: Secondary Characteristics AAL Contribution

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Type	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Asphalt Shingles	\$7,203,576,119	\$27,460,199	8,320	\$29,017,404	\$865,814	\$3,301	104%	3.81	4.03	0.38%
Unknown <sup>(4)</sup>	\$9,630,560,882	\$26,050,723	6,325	\$30,542,062	\$1,522,618	\$4,119	129%	2.71	3.17	0.27%
Wooden Shingles	\$2,513,519,302	\$10,496,054	4,790	\$17,481,636	\$524,743	\$2,191	69%	4.18	6.96	0.42%
Clay/Concrete Tiles	\$1,546,880,077	\$5,966,376	2,533	\$9,267,527	\$610,691	\$2,355	74%	3.86	5.99	0.39%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Cover	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Unknown	\$12,000,353,765	\$42,428,148	15,090	\$44,781,984	\$795,252	\$2,812	88%	3.54	3.73	0.35%
FBC Equivalent <sup>(4)</sup>	\$8,894,182,615	\$27,545,203	6,878	\$41,526,645	\$1,293,135	\$4,005	126%	3.10	4.67	0.31%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
	(1)		MISK		Average	Average	70 OI AVCIUGE	Average AAL)		(2)
Roof Deck Attachment	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost (3)
Unknown <sup>(4)</sup>	\$14,796,935,697	\$43,316,219	12,256	\$45,520,736	\$1,207,322	\$3,534	111%	2.93	3.08	0.29%
8d @ 6", 6" on center	\$2,953,255,212	\$12,265,977	4,366	\$19,626,568	\$676,421	\$2,809	88%	4.15	6.65	0.42%
6d @ 6", 12" on center	\$1,685,860,836	\$8,648,846	2,881	\$11,976,822	\$585,165	\$3,002	94%	5.13	7.10	0.51%
8d @ 6", 12" on center	\$1,458,484,635	\$5,742,309	2,465	\$9,184,503	\$591,677	\$2,330	73%	3.94	6.30	0.39%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Deck	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Reinforced Concrete Slab <sup>(4)</sup>	\$13,538,691,037	\$37,686,590	6,040	\$38,768,148	\$2,241,505	\$6,240	196%	2.78	2.86	0.28%
Unknown	\$7,355,845,343	\$32,286,761	15,928	\$47,540,481	\$461,819	\$2,027	64%	4.39	6.46	0.44%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Residential: Secondary Characteristics Cont. AAL Contribution

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Roof Anchorage	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Unknown <sup>(4)</sup>	\$15,520,908,437	\$45,866,749	12,627	\$48,006,779	\$1,229,184	\$3,632	114%	2.96	3.09	0.30%
Hurricane Ties	\$2,219,193,710	\$8,614,983	3,373	\$14,240,835	\$657,929	\$2,554	80%	3.88	6.42	0.39%
Nails/Screws	\$1,358,749,096	\$8,274,689	2,841	\$12,186,341	\$478,264	\$2,913	91%	6.09	8.97	0.61%
Clips	\$1,795,685,137	\$7,216,929	3,127	\$11,874,674	\$574,252	\$2,308	72%	4.02	6.61	0.40%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

#### **Commercial Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Window Protection	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
No Protection	\$17,213,331,385	\$57,688,344	15,745	\$73,024,880	\$1,093,257	\$3,664	115%	3.35	4.24	0.34%
Engineered Shutters <sup>(4)</sup>	\$2,874,436,095	\$9,065,562	2,098	\$10,498,345	\$1,370,084	\$4,321	136%	3.15	3.65	0.32%
Non Engineered Shutters	\$629,061,500	\$2,318,087	584	\$2,388,890	\$1,077,160	\$3,969	125%	3.68	3.80	0.37%
Unknown	\$177,707,400	\$901,358	3,541	\$396,514	\$50,186	\$255	8%	5.07	2.23	0.51%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Secondary Water Resistance	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Yes <sup>(4)</sup>	\$9,326,621,678	\$24,021,035	2,503	\$30,929,191	\$3,726,177	\$9,597	301%	2.58	3.32	0.26%
No	\$5,352,114,823	\$23,946,513	8,988	\$36,324,877	\$595,473	\$2,664	84%	4.47	6.79	0.45%
Unknown	\$6,215,799,879	\$22,005,802	10,477	\$19,054,561	\$593,281	\$2,100	66%	3.54	3.07	0.35%
Commercial Residential Total	\$20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Residential: Secondary Characteristics Cont. AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Total Exposure Bands <sup>(4)</sup>	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
0 - 100,000	\$180,075,412	\$966,733	4,510	\$698,199	\$39,928	\$214	7%	5.37	3.88	0.54%
100,001 - 200,000	\$372,836,617	\$1,663,508	2,471	\$2,529,184	\$150,885	\$673	21%	4.46	6.78	0.45%
200,001 - 300,000	\$544,911,325	\$2,521,748	2,176	\$3,660,209	\$250,419	\$1,159	36%	4.63	6.72	0.46%
300,001 - 400,000	\$629,310,040	\$2,969,925	1,807	\$3,894,912	\$348,262	\$1,644	52%	4.72	6.19	0.47%
400,001 - 500,000	\$635,235,056	\$2,861,319	1,394	\$4,059,806	\$455,692	\$2,053	64%	4.50	6.39	0.45%
500,001 - 600,000	\$1,021,417,660	\$3,950,031	1,824	\$4,946,066	\$559,988	\$2,166	68%	3.87	4.84	0.39%
600,001 - 700,000	\$832,203,747	\$3,362,621	1,285	\$3,992,140	\$647,629	\$2,617	82%	4.04	4.80	0.40%
700,001 - 800,000	\$634,556,500	\$2,392,371	857	\$3,465,904	\$740,439	\$2,792	88%	3.77	5.46	0.38%
800,001 - 900,000	\$549,525,944	\$2,065,991	652	\$2,817,421	\$842,831	\$3,169	99%	3.76	5.13	0.38%
900,001 - 1,000,000	\$329,192,100	\$1,317,464	346	\$2,118,510	\$951,422	\$3,808	120%	4.00	6.44	0.40%
1,000,001 - 2,000,000	\$2,870,969,142	\$11,140,218	2,043	\$15,442,571	\$1,405,271	\$5,453	171%	3.88	5.38	0.39%
2,000,001 - 3,000,000	\$1,985,860,790	\$7,240,976	806	\$7,189,654	\$2,463,847	\$8,984	282%	3.65	3.62	0.36%
3,000,001 - 4,000,000	\$1,806,801,765	\$5,610,112	520	\$5,632,485	\$3,474,619	\$10,789	339%	3.10	3.12	0.31%
4,000,001 - 5,000,000	\$1,644,186,276	\$4,501,837	364	\$5,118,396	\$4,516,995	\$12,368	388%	2.74	3.11	0.27%
5,000,001 - 6,000,000	\$1,570,560,730	\$3,954,639	285	\$4,061,849	\$5,510,739	\$13,876	436%	2.52	2.59	0.25%
6,000,001 - 7,000,000	\$1,511,780,350	\$3,601,104	234	\$3,835,384	\$6,460,600	\$15,389	483%	2.38	2.54	0.24%
7,000,001 - 8,000,000	\$1,143,907,302	\$3,141,599	153	\$3,000,307	\$7,476,518	\$20,533	645%	2.75	2.62	0.27%
8,000,001 - 9,000,000	\$787,366,204	\$1,887,949	93	\$2,439,066	\$8,466,303	\$20,301	637%	2.40	3.10	0.24%
9,000,001 - 10,000,000	\$942,522,900	\$2,460,273	98	\$2,924,160	\$9,617,581	\$25,105	788%	2.61	3.10	0.26%
10,000,001+	\$901,316,520	\$2,362,931	50	\$4,482,406	\$18,026,330	\$47,259	1484%	2.62	4.97	0.26%
Commercial Residential Total	20,894,536,380	\$69,973,351	21,968	\$86,308,629	\$951,135	\$3,185		3.35	4.13	0.33%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Policies in Miami and Monroe are exempt from 700K Exposure limits

# **Average Annual Loss Contribution Primary and Secondary Risk Characteristics**

- Personal Residential
- Commercial Residential
- Commercial Non Residential

## Commercial Non Residential: Primary Characteristics AAL Contribution

#### Commercial Non Residential

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Policy Form	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Coastal CNRW Commercial	\$7,489,220,534	\$42,870,943	13,072	\$43,983,772	\$572,921	\$3,280	101%	5.72	5.87	0.57%
CLA CNRM	\$634,994,980	\$1,895,653	720	\$3,304,279	\$881,937	\$2,633	81%	2.99	5.20	0.30%
Coastal CNRM <sup>(4)</sup>	\$137,544,900	\$579,079	113	\$715,008	\$1,217,212	\$5,125	157%	4.21	5.20	0.42%
Coastal CNRW Builders Risk	\$2,013,742	\$3,546	5	\$26,978	\$402,748	\$709	22%	1.76	13.40	0.18%
Commercial Non Residential Total	\$8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Construction	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Masonry	\$3,162,497,151	\$20,727,245	6,449	\$23,437,238	\$490,386	\$3,214	99%	6.55	7.41	0.66%
Wood Frame	\$1,216,480,564	\$10,727,083	2,841	\$9,497,502	\$428,187	\$3,776	116%	8.82	7.81	0.88%
Semi Wind Resistive	\$1,643,124,584	\$6,868,939	2,155	\$7,458,339	\$762,471	\$3,187	98%	4.18	4.54	0.42%
Wind Resistive	\$2,116,792,157	\$6,718,602	2,174	\$7,210,105	\$973,685	\$3,090	95%	3.17	3.41	0.32%
Reinforced Concrete <sup>(4)</sup>	\$109,294,200	\$218,804	55	\$418,332	\$1,987,167	\$3,978	122%	2.00	3.83	0.20%
Unknown	\$15,585,500	\$88,550	236	\$8,521	\$66,040	\$375	12%	5.68	0.55	0.57%
<b>Commercial Non Residential Total</b>	\$8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Non Residential: Primary Characteristics Cont. AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Occupancy	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Wholesale trade	\$1,716,902,766	\$10,954,354	2,594	\$10,113,786	\$661,875	\$4,223	130%	6.38	5.89	0.64%
Temporary Lodging	\$1,316,704,105	\$9,678,838	2,067	\$8,250,102	\$637,012	\$4,683	144%	7.35	6.27	0.74%
Professional, Technical and Business Services	\$2,215,873,171	\$8,612,955	4,091	\$12,717,442	\$541,646	\$2,105	65%	3.89	5.74	0.39%
Restaurant	\$682,502,705	\$4,258,975	1,064	\$4,430,658	\$641,450	\$4,003	123%	6.24	6.49	0.62%
Retail Trade	\$566,326,246	\$3,079,000	939	\$3,240,557	\$603,116	\$3,279	101%	5.44	5.72	0.54%
Church	\$465,516,360	\$2,202,105	515	\$2,613,778	\$903,915	\$4,276	131%	4.73	5.61	0.47%
Entertainment and Recreation	\$296,501,951	\$1,581,695	951	\$998,917	\$311,779	\$1,663	51%	5.33	3.37	0.53%
Personal and Repair Services	\$176,076,271	\$1,110,029	473	\$981,105	\$372,254	\$2,347	72%	6.30	5.57	0.63%
Primary and Secondary Schools	\$166,121,815	\$953,112	232	\$961,737	\$716,042	\$4,108	126%	5.74	5.79	0.57%
Health Care Services	\$194,728,434	\$661,322	262	\$742,809	\$743,238	\$2,524	77%	3.40	3.81	0.34%
Gasoline Station	\$73,188,599	\$502,947	154	\$391,565	\$475,251	\$3,266	100%	6.87	5.35	0.69%
Golf Courses <sup>(4)</sup>	\$79,982,017	\$423,880	69	\$423,666	\$1,159,160	\$6,143	188%	5.30	5.30	0.53%
General services	\$135,014,707	\$413,286	106	\$915,306	\$1,273,724	\$3,899	120%	3.06	6.78	0.31%
Aircraft Hangers	\$53,813,776	\$303,689	117	\$320,467	\$459,947	\$2,596	80%	5.64	5.96	0.56%
Parking	\$60,569,600	\$281,606	150	\$332,871	\$403,797	\$1,877	58%	4.65	5.50	0.46%
Unknown\Other	\$20,150,533	\$165,332	56	\$353,443	\$359,831	\$2,952	91%	8.20	17.54	0.82%
General industrial	\$27,588,100	\$90,635	41	\$164,976	\$672,880	\$2,211	68%	3.29	5.98	0.33%
Heavy Fabrication and Assembly	\$12,698,000	\$54,212	18	\$57,547	\$705,444	\$3,012	92%	4.27	4.53	0.43%
Food and Drug Processing	\$2,409,000	\$15,992	6	\$16,445	\$401,500	\$2,665	82%	6.64	6.83	0.66%
Metal and Minerals Processing	\$1,106,000	\$5,256	5	\$2,860	\$221,200	\$1,051	32%	4.75	2.59	0.48%
Commercial Non Residential Total	\$8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Geocode Match Level	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Exact Address <sup>(4)</sup>	\$7,592,711,293	\$41,666,637	12,728	\$43,744,575	\$596,536	\$3,274	100%	5.49	5.76	0.55%
Relaxed Address	\$531,264,336	\$2,953,851	938	\$3,464,804	\$566,380	\$3,149	97%	5.56	6.52	0.56%
Postal Code Centroid	\$139,798,527	\$728,734	244	\$820,658	\$572,945	\$2,987	92%	5.21	5.87	0.52%
City Centroid	\$0	\$0	0	\$0	\$0	\$0	0%	0.00	0.00	0.00%
Commercial Non Residential Total	\$8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

## Commercial Non Residential: Primary Characteristics Cont. AAL Contribution

#### **Commercial Non Residential**

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Year Built Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
Pre 1995	\$7,470,808,610	\$42,947,728	12,697	\$44,652,632	\$588,392	\$3,383	104%	5.75	5.98	0.57%
1995 <sup>(4)</sup>	\$74,047,469	\$365,095	107	\$422,374	\$692,032	\$3,412	105%	4.93	5.70	0.49%
1996	\$74,265,996	\$292,914	111	\$377,871	\$669,063	\$2,639	81%	3.94	5.09	0.39%
1997	\$40,200,075	\$189,325	127	\$204,947	\$316,536	\$1,491	46%	4.71	5.10	0.47%
1998	\$45,017,147	\$207,765	94	\$347,122	\$478,906	\$2,210	68%	4.62	7.71	0.46%
1999	\$64,696,936	\$222,033	99	\$274,152	\$653,504	\$2,243	69%	3.43	4.24	0.34%
2000	\$44,144,045	\$185,426	70	\$177,992	\$630,629	\$2,649	81%	4.20	4.03	0.42%
2001	\$51,630,800	\$188,704	82	\$257,441	\$629,644	\$2,301	71%	3.65	4.99	0.37%
2002	\$43,416,100	\$87,208	63	\$153,064	\$689,144	\$1,384	42%	2.01	3.53	0.20%
2003	\$49,210,926	\$134,355	66	\$229,778	\$745,620	\$2,036	62%	2.73	4.67	0.27%
2004	\$65,175,800	\$109,809	67	\$183,735	\$972,773	\$1,639	50%	1.68	2.82	0.17%
2005	\$31,966,400	\$69,134	66	\$160,683	\$484,339	\$1,047	32%	2.16	5.03	0.22%
2006	\$23,305,023	\$71,265	58	\$82,394	\$401,811	\$1,229	38%	3.06	3.54	0.31%
2007	\$85,933,100	\$94,588	40	\$195,327	\$2,148,328	\$2,365	73%	1.10	2.27	0.11%
2008	\$23,274,100	\$32,663	38	\$60,523	\$612,476	\$860	26%	1.40	2.60	0.14%
2009	\$13,533,487	\$26,300	22	\$31,959	\$615,159	\$1,195	37%	1.94	2.36	0.19%
2010	\$11,981,300	\$22,196	22	\$27,104	\$544,605	\$1,009	31%	1.85	2.26	0.19%
2011	\$8,573,200	\$16,302	16	\$32,527	\$535,825	\$1,019	31%	1.90	3.79	0.19%
2012	\$6,034,000	\$18,886	15	\$8,498	\$402,267	\$1,259	39%	3.13	1.41	0.31%
2013	\$19,480,000	\$37,237	20	\$101,441	\$974,000	\$1,862	57%	1.91	5.21	0.19%
2014	\$7,098,700	\$13,774	10	\$5,421	\$709,870	\$1,377	42%	1.94	0.76	0.19%
2015	\$7,198,942	\$11,232	12	\$29,494	\$599,912	\$936	29%	1.56	4.10	0.16%
2016	\$2,782,000	\$5,282	8	\$13,558	\$347,750	\$660	20%	1.90	4.87	0.19%
<b>Commercial Non Residential Total</b>	\$8,263,774,156	\$45,349,222	\$13,910	\$48,030,037	\$594,089	\$3,260	·	5.49	5.81	0.55%

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Stories Bands	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
1 to 3	\$7,732,475,504	\$44,351,312	13,279	\$46,575,733	\$582,309	\$3,340	102%	5.74	6.02	0.57%
4 to 7 <sup>(4)</sup>	\$452,059,401	\$852,196	255	\$1,223,284	\$1,772,782	\$3,342	103%	1.89	2.71	0.19%
Unknown	\$15,336,000	\$87,534	231	\$4,712	\$66,390	\$379	12%	5.71	0.31	0.57%
8 to 14	\$38,662,400	\$39,426	100	\$150,327	\$386,624	\$394	12%	1.02	3.89	0.10%
15+	\$25,240,851	\$18,753	45	\$75,981	\$560,908	\$417	13%	0.74	3.01	0.07%
<b>Commercial Non Residential Total</b>	\$8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Non Residential: Secondary Characteristics AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Window Protection	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
No Protection	\$7,596,167,131	\$41,908,911	12,859	\$44,181,023	\$590,728	\$3,259	100%	5.52	5.82	0.55%
Engineered Shutters	\$589,014,002	\$2,958,029	739	\$3,362,140	\$797,042	\$4,003	123%	5.02	5.71	0.50%
Non Engineered Shutters <sup>(4)</sup>	\$63,007,523	\$393,732	76	\$478,353	\$829,046	\$5,181	159%	6.25	7.59	0.62%
Unknown	\$15,585,500	\$88,550	236	\$8,521	\$66,040	\$375	12%	5.68	0.55	0.57%
<b>Commercial Non Residential Total</b>	\$8,263,774,156	\$45,349,222	\$13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### Commercial Non Residential: Secondary Characteristics AAL Contribution

			Risk	Premium	Average	Average	% of Average	Average AAL/	Average Premium/	
Total Exposure Bands <sup>(4)</sup>	Exposure <sup>(1)</sup>	AAL	Count	Subtotal <sup>(2)</sup>	Exposure	AAL	AAL	\$1K of Exposure	\$1K of Exposure	Loss Cost <sup>(3)</sup>
0 - 100,000	\$141,917,941	\$791,851	2,612	\$974,461	\$54,333	\$303	9%	5.58	6.87	0.56%
100,001 - 200,000	\$272,008,734	\$1,795,687	1,804	\$2,271,186	\$150,781	\$995	31%	6.60	8.35	0.66%
200,001 - 300,000	\$403,337,054	\$2,847,009	1,605	\$3,157,347	\$251,300	\$1,774	54%	7.06	7.83	0.71%
300,001 - 400,000	\$480,750,507	\$3,287,851	1,370	\$4,198,098	\$350,913	\$2,400	74%	6.84	8.73	0.68%
400,001 - 500,000	\$554,439,730	\$3,852,747	1,230	\$4,042,308	\$450,764	\$3,132	96%	6.95	7.29	0.69%
500,001 - 600,000	\$465,040,320	\$2,932,838	846	\$2,907,632	\$549,693	\$3,467	106%	6.31	6.25	0.63%
600,001 - 700,000	\$416,409,364	\$2,875,924	640	\$2,896,108	\$650,640	\$4,494	138%	6.91	6.95	0.69%
700,001 - 800,000	\$381,583,286	\$2,566,982	509	\$2,875,791	\$749,672	\$5,043	155%	6.73	7.54	0.67%
800,001 - 900,000	\$365,726,412	\$2,365,743	432	\$2,428,677	\$846,589	\$5,476	168%	6.47	6.64	0.65%
900,001 - 1,000,000	\$435,035,739	\$2,840,639	454	\$2,676,750	\$958,229	\$6,257	192%	6.53	6.15	0.65%
1,000,001 - 2,000,000	\$2,276,441,916	\$13,035,238	1,848	\$12,910,255	\$1,231,841	\$7,054	216%	5.73	5.67	0.57%
2,000,001 - 3,000,000	\$743,490,262	\$2,886,783	307	\$2,728,015	\$2,421,792	\$9,403	288%	3.88	3.67	0.39%
3,000,001 - 4,000,000	\$326,328,683	\$1,005,649	96	\$916,959	\$3,399,257	\$10,476	321%	3.08	2.81	0.31%
4,000,001+	\$1,001,264,208	\$2,264,282	157	\$3,046,450	\$6,377,479	\$14,422	442%	2.26	3.04	0.23%
<b>Commercial Non Residential Total</b>	8,263,774,156	\$45,349,222	13,910	\$48,030,037	\$594,089	\$3,260		5.49	5.81	0.55%

<sup>1)</sup> Exposure calculated using Building Value not Coverage Limits

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>3)</sup> Loss Cost is calculated as average annual loss divided by exposure in force

<sup>4)</sup> Policies in Miami and Monroe are exempt from 700K Exposure limits

### Average Annual Loss Allocation by Product

Allocation by Product

				Premium
Product Line	Risk Count	AAL	Average AAL	Subtotal <sup>(2)</sup>
HRAPRW_HW2 <sup>(4)</sup>	49,619	\$85,878,277	\$1,731	\$110,688,534
PLAPRM_HO3 <sup>(4)</sup>	124,268	\$56,159,245	\$452	\$280,115,957
HRACNRW_CC <sup>(4)</sup>	12,836	\$42,779,470	\$3,333	\$43,944,177
CRW_CONDO <sup>(4)</sup>	5,349	\$31,846,394	\$5,954	\$25,320,219
PLAPRM_DP3	62,150	\$22,225,364	\$358	\$81,548,025
HRAPRW_DW2	12,336	\$21,475,396	\$1,741	\$24,217,159
HRAPRM_HO3 <sup>(4)</sup>	20,458	\$21,233,627	\$1,038	\$64,276,017
HRAPRM_DP3	19,687	\$13,977,103	\$710	\$31,602,275
PLAPRM_MHO3	17,480	\$10,864,992	\$622	\$15,919,243
CLACRM_C <sup>(4)</sup>	3,711	\$9,938,304	\$2,678	\$16,331,559
CRW_APT	3,212	\$9,437,032	\$2,938	\$9,820,339
HRAPRW_HW6	16,652	\$8,473,515	\$509	\$12,867,341
PLAPRM_MDP1	28,196	\$8,181,064	\$290	\$11,988,021
PLAPRM_DP1	13,932	\$6,696,068	\$481	\$17,996,791
HRACRM_C <sup>(4)</sup>	429	\$5,910,036	\$13,776	\$6,147,712
HRAPRM DP1	4,031	\$3,889,298	\$965	\$7,211,567
HRAPRM_HO6	13,424	\$3,814,629	\$284	\$13,571,188
CLACRM_H	2,508	\$3,470,535	\$1,384	\$4,051,215
HRAPRW_MW2	3,684	\$3,045,241	\$827	\$2,751,544
CRW_HOA	954	\$2,941,627	\$3,083	\$1,688,785
CLACRM_A	1,819	\$2,821,272	\$1,551	\$5,840,222
CLA_CNRM <sup>(4)</sup>	720	\$1,895,653	\$2,633	\$3,300,288
HRACRM_A	378	\$1,747,833	\$4,624	\$1,680,056
PLAPRM_HO6	20,457	\$1,645,106	\$80	\$12,705,519
HRAPRM_MHO3	1,949	\$1,541,950	\$791	\$2,206,985
HRAPRM_MDP1	1,686	\$1,075,448	\$638	\$1,189,339
CRW_SC	2,583	\$699,136	\$271	\$526,583
CR-W_Other	703	\$598,699	\$852	\$600,507
HRA_CNRM <sup>(4)</sup>	113	\$579,079	\$5,125	\$713,331
HRACRM_H	327	\$566,421	\$1,732	\$613,177
PLAPRM_HO8	852	\$334,162	\$392	\$1,643,980
HRAPRW_MD1	400	\$327,896	\$820	\$279,602
HRAPRM_HO4	2,632	\$206,760	\$79	\$858,804
HRAPRW_HW4	678	\$147,948	\$218	\$220,161
PLAPRM_HO4	5,701	\$142,099	\$25	\$982,693
HRAPRM_HO8	171	\$113,037	\$661	\$443,439
HRACNRW_SC	231	\$87,534	\$379	\$13,928
PLAPRM_MHO4	896	\$80,488	\$90	\$288,111
HRAPRM_MHO4	51	\$5,525	\$108	\$18,428
HRACNRW_BR	5	\$3,546	\$709	\$26,978
HRAPRW_MHW4	1 457,269	\$19 \$386,856,831	\$19 <b>\$846</b>	\$246 <b>\$816,210,04</b> 5

<sup>2)</sup> Premium Subtotal consists of Total Premium excluding all applicable surcharges

<sup>4)</sup> Indicates largest contributor of AAL in the attribute group. There is a high correlation between AAL and PML allocation; therefore, PML distribution is similar to AAL distribution

### **NOTES:**

- 1.) Insurance in Force as of December 31, 2016
- 2.) Average Annual Loss from AIR Touchstone v4.0
- 3.) Standard Sea-Surface Temperature hurricane frequency (SSST)
- 4.) Including Demand Surge, Excluding Storm Surge
- 5.) Risk Count includes all items for policies with wind coverage
- 6.) Exposure calculated using Building Value not Coverage Limits