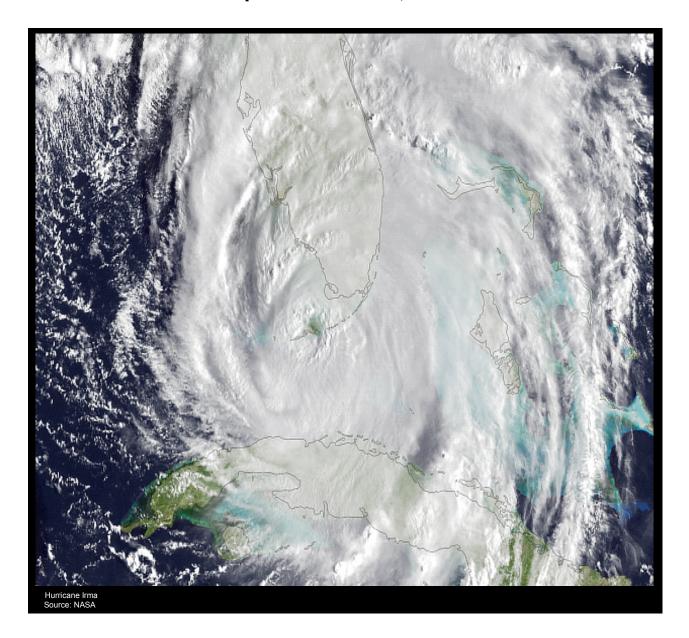
Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report

Presented to the State Board of Administration of Florida March 21, 2018 Updated June 13, 2018





May 29, 2018

The Florida Hurricane Catastrophe Fund (FHCF) 2018 Ratemaking Formula Report was discussed as part of the Rule Development Workshop on revisions to Rule 19-8.028, Florida Administrative Code, on March 21, 2018, and was also presented at a meeting of the FHCF Advisory Council on that date.

The costs of risk transfer options for the FHCF were not known at the time the premium formula was prepared or at the time it was presented at the workshop or the Advisory Council. Therefore, the premium formula's approach to addressing the FHCF's risk transfer options was to assume a cost based on the ceded premium for the risk transfer arrangement for the prior (2017) contract year, while providing in Exhibit XVII appropriate adjustment factors for risk transfer options. Following the premium formula as proposed, and based on the adjustments specified in Exhibit XVII, the 2018 Ratemaking Formula Report updated June 13, 2018 reflects the impact of the actual 2018 risk transfer costs. The formula itself is not changed; the updated report incorporates the adjustments provided for in the premium formula.

The applicable changes have been made throughout the exhibits of the updated report. A summary of how the change in risk transfer costs affected premium and Retention and Projected Payout multiples is also included in Exhibit I, Part 1.P.

The rates developed in this report assume an FHCF per event insurance industry aggregate retention of \$7.255 billion (which applies to a participating insurer's two largest events and drops to 1/3 for all other events) and an FHCF limit level of \$17.000 billion.

Also included in this report are windstorm mitigation construction rating factor relativities, as well as formulas to adjust the presented rates for any additional pre-event financing or changes to the reinsurance structure should they become applicable subsequent to the presentation of this report.

Distribution and Use

The attached report was prepared for the use of the State Board of Administration of Florida for the sole purpose of developing a formula for determining the actuarially indicated premium to be paid by individual companies for the FHCF for the 2018 contract year as specified by Section 215.555, Florida Statutes. The data, assumptions, methodology and results in this report may not be appropriate for other than the intended use. We recommend that any party using this report have its own actuary review this report to ensure that the party understands the assumptions and uncertainties inherent in our estimates.

Discussion of report limitations, including scope, data sources and variability of projections, can be found in Exhibit 1, Part III of the report.

A copy of this report will be available on the web site of the FHCF.

Sincerely,

Andrew J. Kapoport

Andrew J. Rapoport, FCAS, FSA, MAAA Managing Director and Actuary Paragon Strategic Solutions Inc.



March 15, 2018

Enclosed is the Florida Hurricane Catastrophe Fund (FHCF) 2018 Ratemaking Formula Report which will be presented to the FHCF Advisory Council on March 21, 2018. The rates developed in this report assume an FHCF per event insurance industry aggregate retention of \$7.255 billion (which applies to a participating insurer's two largest events and drops to 1/3 for all other events) and an FHCF limit level of \$17.000 billion.

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Florida Hurricane Catastrophe Fund

2018 Ratemaking Formula Report Presented to the State Board of Administration of Florida on March 21, 2018 Updated June 13, 2018

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Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Presented to the State Board of Administration of Florida March 21, 2018 Updated June 13, 2018

Executive Summary

- 1. **Rates:** Paragon recommends an average 4.40% decrease in Florida Hurricane Catastrophe Fund (FHCF) rates for the 2018-2019 (2018) Contract Year, based on coverage under Section 215.555, Florida Statutes.
- 2. **Premium Change**: FHCF premium will decrease by \$19 million (driven primarily by rate changes due to model change) from \$1.128 billion to \$1.109 billion based on the recommended rate change.

	2018 Contract Year Modeled	2017 Contract Year Actual	2017 Contract Year Modeled Updated 04/19/2017
FHCF Coverage			
Industry Retention	\$7.255 billion	\$6.790 billion	\$7.029 billion
Limit	\$17 billion	\$17 billion	\$17 billion
Average Coverage	73.121%	74.524%	74.829%
FHCF Premium	\$1.109 billion	\$1.128 billion	\$1.173 billion
Overall Premium Change	-1.70%	-0.97%	2.94%
Due to Exposure Change	2.83%	2.22%	2.76%
Due to Annual Ratemaking	-4.40%	-3.12%	0.18%
Projected Payout Multiple 90% Retention Multiple	15.3247 5.3135	15.0653 4.982	14.4924 4.982
Exposure Base	\$2.238 trillion	\$2.177 trillion	\$2.188 trillion
Overall FHCF Rate/\$1,000 Exp.	0.4956	0.5184	0.5360

Part I: The Ratemaking Process

Overview

Paragon recommends an average 4.40% decrease in Florida Hurricane Catastrophe Fund (FHCF) rates for the 2018 Contract Year based on a \$17.000 billion coverage limit and a \$7.255 billion per event retention, which drops to \$2.418 billion for the third largest and subsequent events (1/3 of \$7.255 billion). The rates in this report are developed for the limits and retentions, as specified by Section 215.555, Florida Statutes, for the 2018 Contract Year.

This rating formula will produce an estimated \$1.109 billion in total FHCF premium compared to \$1.128 billion in FHCF premium for the 2017 Contract Year. The decrease in overall premium would be 1.70% and is based on projected growth in exposure of 2.83% and a 4.40% overall rate decrease. There is no change in the statutory mandated cash build up factor of 25% from 2017 to 2018. This premium estimate assumes a reinsurance structure of \$1 billion excess of \$10.5 billion compared to the 2017 reinsurance structure of \$1 billion excess of \$11.5 billion of FHCF losses. Exhibit XVII provides the methodology for adjusting 2018 rates for potential changes in reinsurance structure and contracted reinsurance premium should the actual FHCF reinsurance structure differ from the assumed structure used in this rating formula.

For 2018, FHCF coverage is a layer of \$17.000 billion excess of \$7.255 billion. There are two major factors affecting the FHCF layer of coverage for the 2018 Contract Year:

- Pursuant to Section 215.555, Florida Statutes, the industry retention is equal to \$4.5 billion adjusted for the increase in reported exposure from 2004 through 2016. As exposures have grown 61.2% over this period, the modeled retention for 2018 is \$7.255 billion.
- Pursuant to Section 215.555, Florida Statutes, the FHCF limit is equal to \$17.000 billion until there
 is sufficient estimated claims-paying capacity to fund \$17.000 billion of loss in subsequent
 Contract Years. As the State Board of Administration of Florida (SBA) has not made this
 determination, the FHCF limit for 2018 is \$17.000 billion.

The above changes will vary by deductible, construction, and territory. In 2017, we modified the methodology used in the previous ten years to develop territory relativities. To improve stability in ZIP Code rating groups, the new methodology will shift a ZIP Code to a different rating territory only if the indication is for a shift of two or more rating territories or if the indicated shift of one rating territory is consistent for three years. 2018 is the second year of this new methodology.

Type of Business Allocation

Because we are projecting FHCF exposure growth, we have included columns showing indicated changes in exposure and premium as well as rate for Section I by type of business. The indications are as follows:

	Rate	Exposure	Premium
Residential	-4.94%	3.00%	-2.08%
Tenants	-10.01%	7.00%	-3.71%
Condominium Unit Owner	-0.39%	3.50%	3.09%
Mobile Home	-0.45%	0.00%	-0.45%
Commercial Habitational	-1.91%	0.00%	-1.91%
Total	-4.40%	2.83%	-1.70%

Territory Changes

The 2018 recommended territories, like the 2017 FHCF territories, are based on analysis of losses in the FHCF coverage as modeled by AIR Worldwide Corporation (AIR), Corelogic-EQECAT (EQE), and Risk Management Solutions (RMS). The relationship between lowest rate and highest rate is approximately 1:37, similar to 2017. As was done last year, this ratio was adjusted to accurately reflect the indicated loss costs for territory 1. Indicated territory changes were tempered so that ZIP Codes would only shift one

territory up or down if the indication was for a shift of two or more territories or if there has been an indicated one territory shift consistently for three years.

Premium Summary

We project premium, exposure, and retention changes as follows:

Exposure Growth (2017 to 2018)	2.83%
Retention	\$7.255 billion
Premium – 2017 (as of 10/24/17)	\$1.128 billion
Premium – 2018 (Projected)	\$1.109 billion

Use of Five Models Found Acceptable by the Florida Commission on Hurricane Loss Projection Methodology

For 2018, a weighting of five models found acceptable by the Florida Commission on Hurricane Loss Projection Methodology as of December 1, 2017, was used for aggregate results. The five models were AIR, EQE, RMS, Applied Research Associates (ARA), and the Florida Public Model (FPM). Model results were compared in detail to construct an industry distribution of losses by size. For the industry aggregate basis, consistent with the weighting methodology used in all years when the FHCF had five models, 5%, 20%, 50%, 20%, and 5% weights were applied to the models ranked from lowest to highest based on annual expected aggregate FHCF losses.

In 2017, all 5 models were updated to meet 2015 standards. As a result of these updates, 4 out of 5 models produced lower loss cost indications than in 2017 ratemaking, and therefore the 5 model weighted indication was lower.

For analysis of detailed allocation to type of business, territory, construction, and deductible, and for special coverage questions, three models (AIR, EQE, and RMS) were used for all types of business. Model results were compared in detail and 1/3 weight was given to each model for all types of business.

Summary of Changes to the 2018 Ratemaking Formula

The changes that occurred in the 2018 ratemaking formula include:

- 1. The 2017 average coverage selection was 74.524%. The projected 2018 average coverage is 73.121% based on March 1, 2018 selections and adjustments for rating mitigation factor changes. This change affects the size of the 100% FHCF layer.
- 2. The projected exposure trend increased from 2.76% in 2017 to 2.83% in 2018.
- 3. The modeling for the 2018 per company retention limit adjustment is based on the average of the AIR and RMS models. The change in this adjustment factor this year produced a decrease in projected losses of \$2.3 million.
- Expenses for 2013A and 2016A pre event notes decreased from \$44.6 million in 2017 to \$27.7 million in 2018 due to increased investment returns on held funds and the maturation of \$500 million of 2013A notes.
- 5. Estimated reinsurance premium and ceded losses included in this year's rate indication presentation are based on 2018 projected ceded premium and 2018 ceded losses for the \$1 billion excess of \$10.5 billion layer. The 2017 FHCF premium formula included a reinsurance structure of \$1 billion excess of \$11.5 billion. Due to changes in the FHCF modeled ceded losses and available reinsurance market prices, the change in reinsurance net cost reduced FHCF rates by 0.11%. A table to adjust premium, ceded losses, payout and retention multiples, and the indicated rate change is included in Exhibit XVII to accommodate any reinsurance purchase changes subsequent to the presentation of the 2018 Ratemaking Formula Report.

Details of the overall changes can be found in Exhibit II, which contains the following exhibits:

- 1. Summary of 2018 Rate Calculation;
- 2. Adjustment to Exposure Base and Summary of Rate Change;
- 3. Summary of Results; and
- 4. Historical Comparison of Exposures, Premiums, and Rates.

Details of the Ratemaking Process

This ratemaking formula for the FHCF is based on Section 215.555, Florida Statutes. We have followed the same basic process used since 1995. Legislation enacted in 2005 (Chapter 2005-111, Laws of Florida, CS/SBN 1486) addressed retention in multiple-event seasons by creating a per event retention that applies to a participating insurer's two largest events and drops to 1/3 for all other events. This drop down coverage has again been incorporated into the 2018 rates.

A. Trend

For 2018 ratemaking, we reviewed construction data indices from Marshall & Swift and the actual exposures by coverage reported to the FHCF from 1995 to 2017. The Marshall & Swift construction indices for the Southeast were up 2.8% in 2017 compared to down 0.4% in 2016 as of October. Countrywide indices were up 2.9% compared to up 0.1% the prior year.

Our selection of exposure and risk count trends for 2018 was based predominantly on the last three years of historical FHCF data. The table below displays the last five years of annual growth in exposure and risks. In making selections, the FHCF trend data was benchmarked against the indications generated from the Marshall & Swift construction indices.

Historical FHCF exposure and risk counts can be found in Exhibit III. Note that the trended exposure data in Exhibit III is based on exposure reported to the FHCF as of 10/25/2017. This data was used in the catastrophe modeling process.

	Residential		Tenants		Condominiums		Mobile Homes		Commercial	
	Exposure	Risk Count	Exposure	Risk Count	Exposure	Risk Count	Exposure	Risk Count	Exposure	Risk Count
2012-2013	-2.8%	-1.2%	7.3%	10.2%	0.9%	0.7%	-9.6%	-6.2%	-0.9%	-1.4%
2013-2014	1.6%	0.3%	7.3%	12.0%	2.1%	0.8%	-3.7%	-1.0%	-4.3%	-5.1%
2014-2015	2.1%	0.0%	1.3%	12.2%	2.0%	0.8%	-5.8%	-7.9%	-9.8%	-7.2%
2015-2016	3.9%	1.3%	13.1%	10.4%	5.4%	3.1%	0.6%	-1.8%	-5.3%	28.3%
2016-2017	2.8%	0.8%	7.5%	11.3%	3.4%	1.4%	1.2%	-1.2%	-5.1%	-0.8%
Selected	3.0%	0.5%	7.0%	10.0%	3.5%	1.5%	0.0%	0.0%	0.0%	0.0%

Annual Growth in Exposure and Risk Counts Reported by FHCF Participating Insurers as of 10/25/2017

B. Insurance Industry Aggregate Retention for Ratemaking Purposes (Exhibit IV)

For development of this premium formula, it is necessary to assume a projected aggregate insurance industry retention to estimate losses in the aggregate layer of coverage.

Section 215.555, Florida Statutes, specifies the calculation of the retention multiple for each participating insurer. The numerator of the retention multiple is \$4.5 billion adjusted by the percentage growth in FHCF covered exposure from 2004 to the Contract Year two years prior to the current year. The historical exposure for 2016 was \$2,129.3 billion (as of 10/25/2017) as compared to \$1,320.6 billion in 2004. The percent adjustment is 61.2%, so the numerator of the retention multiple is \$7.255 billion (rounded to the nearest million).

The denominator of the retention multiple is the projected total FHCF reimbursement premium assuming all participating insurers have selected the 90% coverage option. Retention multiples by coverage % are displayed below.

Coverage %	90%	75%	45%
Retention Multiple	5.3135	6.3762	10.6270

Each participating insurer's provisional retention is the retention multiple (adjusted for coverage selection) times its provisional premium. An insurer's actual retention is the retention multiple times its actual premium.

Based on the above calculation, the retention multiple numerator of \$7.255 billion is used as the insurance industry aggregate retention for simulating losses in the aggregate layer of coverage. This value is equivalent to the sum of retentions for all insurers.

Since 2003, 100% of all FHCF premiums are calculated based on the premium formula rates applied to individual company exposures. This is called Section I premium. Section II premium refers to a premium calculated from exposure under covered polices that would require individual ratemaking, with each policy risk modeled and rated individually by company. There is currently no Section II exposure and therefore no Section II premium. The Section I insurance industry aggregate retention is \$7.255 billion (based on 100% of projected premium) and the Section II aggregate retention is \$0 (based on 0% of projected premium.)

C. Industry Excess Layer (Exhibit IV)

Under Section 215.555(4)(c)1, Florida Statutes, "The contract shall also provide that the obligation of the board with respect to all contracts covering a particular contract year shall not exceed the actual claims-paying capacity of the fund up to a limit of \$17 billion for that contract year, unless the board determines that there is sufficient estimated claims-paying capacity to provide \$17 billion of capacity for the current contract year and an additional \$17 billion of capacity for subsequent contract years."

As no such determination regarding capacity in excess of \$17 billion has been made, the limit for the 2018 Contract Year is \$17 billion. This \$17 billion represents the total capacity at selected coverage levels for loss and loss adjustment expense. Loss adjustment expense is statutorily set at 5% of losses recoverable from the FHCF. Participating insurers report only losses and do not report loss adjustment expenses.

The loss and loss expense limit of \$17 billion is first divided by 1.05 to produce a loss only limit of \$16,190,476,190. This limit is then split between Sections I and II based on trended actual premium at current selected coverage levels. We view this as the best indicator of expected losses in the layer. Based on this split, 100% of the \$16,190,476,190 limit is in Section I. This value is the Section I loss only limit.

The next step is to gross up the limit for coverage level. The 2017 average coverage level is 74.524%, which produced the actual 2017 100% loss limit of \$21,725,316,447. Final 2018 company coverage selections as of March 1, 2018 produced an average coverage level of 73.121% based on 2017 company market shares and rating group definitions. The 2017 market shares were then adjusted to 2018 rating group definitions, resulting in a projected 2018 coverage level of 73.121%.

Finally, the FHCF limit is grossed up for the 2018 projected average coverage level of 73.121% to get the 100% loss limit of \$22,142,054,671. The top end of the loss only layer is then an estimated projected aggregate retention of \$7,255,000,000 for ratemaking purposes plus this limit, which equals \$29,397,054,671.

In summary, for Section I and II loss only modeling purposes we use the following layer: 73.121% of \$22,142,054,671 xs \$7,255,000,000

For publication purposes, the Sections I and II loss and loss adjustment expense layer is: 73.121% of \$23,249,157,404 xs \$7,255,000,000

The simulations produced by the modelers are for producing manual rates per \$1,000 of exposure under covered policies. The rates resulting from such simulations are referred to as Section I rates.

D. Industry Detail Exposure Data

Actual 2017 industry FHCF exposures for buildings, contents, and appurtenant structures were summarized by:

- 1. Type of Business (residential, tenants, condominium unit owners, mobile home, commercial habitational);
- 2. ZIP Code;
- 3. Construction/Tie-Down Type; and
- 4. Deductible.

For modeling, we used data as of 6/30/2017 as reported through 10/24/2017 by 156 of 156 companies reporting FHCF Section I exposure for the 2017 year. This data was trended one year as described in Section A. Exhibit III contains trended control totals of the FHCF exposures used in the modeling process.

E. Modeling Assumption and Data Changes: Combining Five Models - AIR, EQE, RMS, ARA & FPM

		-
Model	2006-2007	2008-2018
AIR	Х	Х
ARA	Х	Х
EQE	Х	Х
RMS	Х	Х
FPM		Х

Table of Models Used to Calculate Overall Industry Losses

The table above lists the models that were used to calculate the overall FHCF losses by year. Only models that had been found acceptable by the Florida Commission on Hurricane Loss Projection Methodology as of December 1 of the prior year were used in that year's ratemaking session.

In 2017, all 5 models were updated to meet 2015 standards. As a result of these updates, 4 out of 5 models produced lower loss cost indications than in 2017 ratemaking, and therefore the 5 model weighted indication was lower.

All five of the modelers produce a distribution of industry-wide losses based on trended reported exposures by type of business, deductible, construction, and ZIP Code. The AIR model produces a listing of losses for 50,000 simulated years while the FPM model losses are based on 58,000 simulated years. The ARA model produced a listing of losses for 300,000 simulated years. The other models produce a listing of losses by size with assigned annual frequencies. Since 2008, demand surge has been modeled directly by each of the accepted modelers. Adjustments to these loss distributions are described in the next section.

Exposure data for invalid ZIP Codes was provided to the modelers who then modeled such exposure at the county level. Less than 0.01% of total reported exposure comes from invalid ZIP Codes, which are either ZIP Codes that are located outside of the state of Florida, or are ZIP Codes that the U.S. Postal Service does not recognize or has decommissioned. In the latter case, the FHCF continues to produce rates for such codes for several years in order to give companies time to update their data.

Paragon used the results from each modeler to produce industry-wide gross (that is, net of policy deductibles and after application of policy limits) annual expected losses by type of business and to produce industry-wide FHCF excess losses for all coverages combined. Data from the modelers was combined by giving weights of 5%, 20%, 50%, 20%, and 5% to the model results from lowest to highest. A weighted loss distribution is included in Exhibit V.

The FHCF weighted loss curve in Exhibit V is developed solely for estimating excess hurricane losses within the FHCF layer. Estimates of losses above the FHCF layer were not taken into consideration in

developing the curve. Shifts in modeler weights within the FHCF loss layer may have an amplified impact on loss estimates above the FHCF layer.

Although it is not used for ratemaking purposes, we have included an additional loss distribution based on uniform modeler weights (20% / 20% / 20% / 20% / 20%) in Exhibit V. Over time this curve may show greater stability for losses above the FHCF layer. As repeated in our disclaimer in Part III herein, we recommend that any party using this report have its own actuary review this report to ensure that the party understands the assumptions and uncertainties inherent in our estimates.

Model	2006-2008	2009-2012	2013-2018
AIR	Х	Х	Х
EQE	Х	х	Х
RMS	Х	х	Х
FPM		Х	

Table of Models	Used for	Classifications
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Three of the modelers ran our 2017 Contract Year trended exposures through their models and provided more detailed outputs (i.e., losses by ZIP Code, construction, and deductible codes for each type of business) that were used to update the class plan relativities. We used a straight average of the indicated loss costs for each rating cell as a basis in order to populate our class plan with rates. Details of the allocation of rates to type of business, deductible, construction, and territory are described in Part III.

Exhibit V contains tables and graphs of modeled loss severity distributions:

- 1. Gross Loss per Event;
- 2. Excess Retention Aggregate;
- 3. Single Event FHCF Liabilities; and
- 4. FHCF Layer Aggregate.

F. Losses in the Layer at Coverage Percent

The limit for the 2018 Contract Year is \$17 billion. Because the size of the excess layer is dependent on the average coverage selections of all the FHCF participating insurers, losses must be modeled after coverage selection. Coverage percentage varies by type of business, so modeled losses need to also reflect this variation. As a result, we start with the allocation to type of business and apply the coverage percentages to the layered loss (a method used consistently since 2001). We calculate the overall rates and premiums at the different coverage percentages at the end of the calculations.

Excess losses are allocated to type of business based on their adjusted gross losses. The allocations are adjusted so that no type of business has an overall rate change exceeding 15% in any one year, prior to legislated rate changes. This allocation appears in line 9 of the summary in Exhibit II. See Exhibit VI for additional details.

G. Adjustments to Modeled Losses

- Law and Ordinance Coverage
- Aggregate Wind Deductible Adjustment

These adjustments are similar to the adjustments made in the 2017 ratemaking formula.

The projected industry retention was applied to the adjusted modeled losses to estimate the FHCF excess losses. Details on the Law and Ordinance adjustments discussed here are presented in Exhibit VII. The overall increase in modeled gross losses due to these adjustments is 4.28%, compared to an increase of 4.23% in 2017.

Law and Ordinance Coverage

Law and ordinance coverage provides extra limit for Coverage A (building) in the case where additional rebuilding costs are incurred in order to comply with local laws and ordinances.

We again recommend the FHCF continue to use the factor of 4.86% of residential modeled losses. We assume most companies charge approximately 3% of premium for law and ordinance coverage. We assume approximately 45% of the losses that would generate law and ordinance losses would be FHCF hurricane losses and 25% of the base premium is FHCF premium, so $3\% \times (45\%/25\%) = 5.4\%$. We also assume that only 90% of all residential policies will have this coverage in place at the time of a hurricane loss. Then the loading to FHCF residential modeled losses would be 5.4% x 90% = 4.86%. See Exhibit VII for additional details.

Aggregate Wind Deductible Adjustment

Under Section 627.701, Florida Statutes, residential property insurance policies issued on or after May 1, 2005 must have hurricane deductibles that apply on an annual, rather than a per-event, basis. Insurers may apply the "other perils" deductible or any amount remaining from the hurricane deductible, whichever is greater, to a loss for a second hurricane and each subsequent hurricane that year.

The loss events were adjusted to account for this change in loss exposure. Adjustment factors by type of business were developed. Exhibit VII details the derivation of these factors. The take-up ratio only impacts the commercial type of business as only these policyholders have the option of having an annual hurricane deductible. The adjusted load was then weighted with the adjusted load from 2017 giving 33% weight and 67% weight to 2018. The selected adjustment factor is the rounded value of the weighted load after the "take-up" modification.

H. Adjustments for Per Company Limits and Retentions

In this year's ratemaking report Paragon has updated the adjustment to expected losses for individual company limits, retentions and coverage based on information from an analysis based on detailed loss projections run by Paragon from the RMS and AIR model runs used for 2018 ratemaking. The average of the results from the two separate analyses is 0.1618%. Weighting this result against the prior adjustment factor of 0.5724% (2/3 current indication, 1/3 prior selection), we recommend a factor of 0.2987%. To summarize the approach, using the same exposure inputs and assumptions used by AIR and RMS, Paragon generated files of simulated Florida statewide gross hurricane losses. Average gross losses were first adjusted by type of business for AIR and RMS to match the average gross loss generated by the five models used in FHCF ratemaking. Each simulated gross loss was then allocated to ZIP Code and type of business. Next, FHCF market shares were applied by ZIP Code and company (based on 2017 FHCF premium) to allocate each simulated gross loss to all the FHCF companies. Simulated gross losses for each individual company were then summed and applied the companies' projected retention, limit, and coverage percentage (based on 2017 FHCF premium market shares and 2018 selected coverages) to generate company FHCF losses. These were summed by simulated event to get FHCF total loss by event. Paragon summed losses by simulated year applying aggregate limits and impact of retention drop downs. Separately for the AIR and RMS runs, the average annual FHCF loss based individual company losses was compared to the average annual FHCF loss based on industry total losses, retention, limit and coverage percentage. The average of the resulting adjustment factors was 0.1618% indicating, on an average basis, the two approaches generate almost identical results.

As we stated in last year's Report:

Using this more detailed approach, we also observed that there is actually significant variability between industry gross losses and FHCF layer losses. This variability cannot be determined when using industry gross losses, limits, and retentions to calculate FHCF layered losses. One observation is that the return time for the FHCF to exhaust its total capacity is actually longer than the value based on industry gross losses. Another observation is that due to increased market share of a single FHCF participating insurer in specific parts of the state, losses in areas where that insurer has very limited market share cannot generate full capacity FHCF layer losses. On the

other hand, in parts of the state where one member company has significant market share, that company's retention becomes the effective retention for the industry on storm tracks in that area.

The current and prior special analyses indications can be found in Exhibit VIII.

The shape of the exceedance curves presented in Exhibits V and VIII are different, but the overall expected values of the FHCF loss layers are very similar. The Exhibit VIII curve is the more appropriate curve to use for analysis of interval FHCF losses within the FHCF layer because it more realistically recognizes the impact of company exposure distributions, retentions, and limits. Therefore Exhibit VIII is used for analysis of expected FHCF losses offset by potential risk transfer options in section P below.

I. Other Post-Model Adjustments: (5%)

There are a few coverages that may appear on some FHCF covered policies that are not explicitly modeled in the FHCF's requested simulation. These coverages include guaranteed replacement cost, inflation guard, and reimbursable amounts paid as fees on behalf of or inuring to the benefit of a policyholder. We do not believe there is sufficient FHCF exposure from these coverages to justify additional administrative reporting and modeling at this time, but we do believe it is appropriate to load for these coverages in the post model adjustment.

Consistent with prior years, we recommend judgmentally increasing the modeled excess loss costs by 5% for all types of business to account for these coverages and other factors that are not directly included in the modeled loss results.

J. Investment Income Credit – Eliminated in 2012

Since 2012, the FHCF has not used investment income in current year rates. Exhibit IX contains the following tables:

- 1. FHCF rate of return history;
- 2. Graph of Interest Rate Assumption; and
- 3. FHCF Financial Statement Investment Income.

K. Operating Expenses and Mitigation Funding

Operating expenses of \$7,932,277 are based on an estimate of 2018 fiscal year operating expenses provided by the SBA. This value is an increase of \$184,277 from the 2017 Contract Year projected expense of \$7,748,000.

Per section J, the estimated mitigation funding target underlying the rates is set at zero since no investment income will be used to reduce 2018 rates. Pursuant to Section 215.555, Florida Statutes, the minimum appropriation is \$10 million and the maximum appropriation is 35% of the prior fiscal year's investment income. For the 2018-2019 FHCF contract year, the calculated maximum amount subject to mitigation appropriation will be 35% of \$109,450,000 which equals \$38,307,500. In 2018, the Florida legislature appropriated \$13.5 million for mitigation. Appropriation of mitigation funding will not affect the FHCF rates in 2018.

L. Pre-Event Notes Expense

This year's estimate of \$27.7 million is the sum of the projected cost estimates for 2013A and 2016A pre-event notes. This estimate includes the net carrying cost and a judgmental loading for potential asset loss during the Contract Year.

The 2018 carrying cost estimates are provided by the FHCF's Financial Advisor, Raymond James & Associates. Raymond James' cost estimate is the projected difference between the interest payments to note holders and the investment income on the note proceeds during the 2018 Contract Year (see Exhibit X). Due to increased projected investment returns, costs are projected to be \$14.0 million for the 2013A notes and \$7.0 million for the 2016A notes, summing to \$21.0 million, which is a \$15.5 million reduction from 2017.

A 0.3% judgmental loading (based on historical FHCF information) is added to the carrying cost for potential asset loss during the Contract Year. The sum of this loading is \$6.7 million. The value for the 2013A notes is \$3.1 million (0.3% of \$1.04 billion). \$500 million of the 2013A notes come due on 7/1/2018 so the remaining value of the 2013A notes will be \$1 billion for the last 11 months of the 2018 contract year. The value for the 2016A notes is \$3.6 million (0.3% of \$1.2 billion).

Should the SBA authorize additional expenditure for pre-event notes during the 2018 Contract Year, the rates, retention multiples, and payout multiple should be modified using the factors provided in Exhibit XI.

M. Premium Credits (Windstorm Mitigation Construction Credits)

We are using the same approach to windstorm mitigation construction factors as we used in the 2017 Ratemaking Formula Report, including the incorporation of factors for the following mitigation features recognized since 2012:

Type of Business	Year Built	Structure Opening Protection	Roof Shape
Commercial Residential	X	X	X
Residential	X	X	X
Mobile Home			
Tenants	X	X	X
Condominium Owners	X	X	X

The proposed rate factors associated with each variable are shown in Exhibit XIV. We propose that these be applied to calculate the final rate for any covered policy subject to the following:

- Year built, structure opening protection, and roof shape factors be applied multiplicatively;
- The combined factor for any risk will not be capped;
- Every risk will be evaluated for its rating factor; and
- A final factor will be applied by type of business so that the indicated premium levels for each type of business are achieved.

Exhibit XII includes:

- 1. Calculation of actual 2017 premium credits/surcharges;
- 2. 2017 distribution of credits/surcharges;
- 3. 2017 distribution of exposure and counts by rating region and type of business.

N. Section II (Excess) Adjustment

We included \$0 of Section II premium, based on the fact that there was no Section II exposure reported in 2017. Section II premium covers policies that require individual rating procedures. These exposures would be modeled and rated individually by company.

O. Adjustment for Updated Exposures

In the past, we have included an adjustment for change in premiums and exposures between November of the prior year and February of the current year. This change does not affect rate changes, but should improve the accuracy of projected premium. For this year, there was no material change to FHCF exposure, so an adjustment was not included.

P. Risk Transfer Options

The rates presented in this report include a loading for the cost of risk transfer for a ceded layer of \$1 billion excess of \$10.5 billion. The 2017 FHCF premium formula included a reinsurance structure of \$1 billion excess of \$11.5 billion. Due to changes in the FHCF modeled ceded losses and available reinsurance market prices in 2018, the change in reinsurance net cost reduced FHCF rates by 0.11%. The ceded premium is set equal to the 2018 initial premium of \$63.0 million. Should the FHCF 2018 risk transfer arrangement be modified from the assumptions used in this formula, the cost shall be determined based on the actual ceded layer selected and contracted initial reinsurance premium. The 2018 FHCF premium rates and factors would be adjusted accordingly, by the formula specified in Exhibit XVII.

The estimates for FHCF loss credits are based on the average of 2018 AIR and RMS data distributions in Exhibit VIII. Exhibit XVII is based on the same loss severity distribution and displays probability of exceedance for specific FHCF layers with the adjustments to the FHCF loss layer level prior to fixed expenses. These values are used to illustrate a range of potential risk transfer structures and costs in Exhibit XVII. The details of the formula calculation, along with potential revised factors, are provided in Exhibit XVII.

The Net Risk Transfer Cost Premium in Exhibit XVII and the Estimated Additional Annual Cost of Pre-Event Notes in Exhibit XI are additive in their impact on FHCF premium and rates. Retention and Projected Payout Multiples can be adjusted with interpolation based on the sum of the combined impact on FHCF premiums.

2018 Reinsurance Update Note: The FHCF premium formula as presented on March 21, 2018 has not changed. The original March 21, 2018 report assumed no change in reinsurance structure and premium from 2017. The reinsurance layer in the March 21, 2018 report was \$1 billion excess of \$11.5 billion with a reinsurance premium of \$61 million. The reinsurance layer in the June 13, 2018 updated report is \$1 billion excess of \$10.5 billion with a reinsurance premium of \$63 million. The impact of the change to the actual reinsurance structure on FHCF premiums, Retention and Projected Payout multiples are summarized in the following table. All changes are based on Exhibit XVII formulas.

1	Total FHCF proposed premium from Ratemaking Formula Report 3/21/2018 with estimated risk transfer		1,112,115,989	
2	Premium adjustment for actual risk transfer placement		-2,799,325	
3	Total FHCF proposed premium with actual risk transfer		1,109,316,664	
4	Factor Adjustment		0.9975	
5	% Adjustment		-0.25%	
Part 2:	Projected Payout and Retention Multiple Adjustments		3/21/2018 Ratemaking Report (with estimated risk transfer)	6/13/2018 Ratemaking Report (with actual risk transfer)
6	Projected Payout Multiple		15.2862	15.3247
7	Retention Multiples	100%	4.7701	4.7822
, 8		90%	5.3001	5.3135
ç		75%	6.3602	6.3762
10		45%	10.6003	10.6270

Part II: Allocation of Premium

Within a type of business, premium is allocated to territory, construction, and deductible based on a set of relativities. This is the same process that has been used since the creation of the 2001 rates. In all cases, the relativities recommended for 2018 have been adjusted so that none of them has changed by more than 15%.

In 2018 the allocation process for territories was changed as described below. There were no other significant changes in the allocation process for 2018. Following is an overview of the FHCF rating classifications and the entire allocation process.

Overview of the Rating Classifications

1. Type of Business

The actuarially indicated FHCF premium is allocated first among the five types of business: commercial, residential, mobile home, tenants, and condominium unit owners. This allocation is based on the hurricane catastrophe modeling. For each modeled event, the proportion of FHCF layer losses allocated to each type of business is identical to the allocation of gross losses from that event. This process incorporates the varying weighted average coverage selection of each type of business. This approach produces indicated allocations, which are then adjusted so that no type of business has an indicated rate change of more than 15%. Actual allocations can be found in Exhibit VI.

2. Territorial Definitions

For 2001, the FHCF revised rating territories to incorporate information from three hurricane models: AIR, EQE, and RMS. Furthermore, territory definitions shifted from applying gross loss costs to excess layer loss costs, the latter being more indicative of what insurers might recover from the FHCF. Actual changes to territories were tempered each year since 2001, to minimize the magnitude of rate changes. For 2018, indicated territories have been recalculated for each ZIP Code using the latest data from these models.

In order to increase rating stability, the FHCF territory tempering method was changed in 2017. Review of past FHCF rating history shows that there have been many years when there were large numbers of ZIP Codes shifting one territory in a year and then shifting back one territory the following year (see Exhibit XVIII). Starting in 2017 a ZIP Code is shifted by one territory to a new territory only if the indication is for a shift of two or more territories or a shift of one territory has been consistent for three years. The new methodology should improve the stability of rating territory definitions.

3. Construction

In 2017, FHCF data was collected for four residential, seven commercial, and three mobile home construction types. Tenants and condominium unit owners exposures have the same construction classes as commercial. The mobile home codes relate to the extent of their tie downs and their compliance with Federal Housing and Urban Development building codes that went into effect in July 1994.

4. Deductibles

The rates proposed are for the same sets of deductibles as for 2017. Relativities for each deductible vary by type of business. As with construction relativities, changes in deductible relativities were limited to changing no more than 15%.

General Overview of the Rate Allocation Process

Construction Classes

Relativities between the most common construction within a type of business and the other construction types were calculated using AIR, EQE, and RMS generated ZIP Code level loss costs. The indicated relativities were selected, except that they were limited to changing from the 2017 relativities by no more than 15%.

Rates for unknown construction are calculated using the same method as other construction types, not to exceed the highest rate for all known constructions in the same type of business.

Rating Region (Territory) Definition

To begin the process this year, we identified the 1,461 ZIP Codes for which rates would be produced. These are the currently valid U.S. Postal Service ZIP Codes in Florida, plus some recently deactivated ZIP Codes for which we continue to produce rates. We identified 926 of the ZIP Codes that had at least \$30 million of total exposure. The remaining 535 ZIP Codes were mapped to these 935 ZIP Codes by location. Most of these 535 ZIP Codes were exclusively post office boxes. They inherited their territory from the territory of the ZIP Code to which they were mapped. The purpose of this step was to avoid trying to assign ZIP Codes to territories if they had very little exposure. When a ZIP Code has no frame exposure, for example, the models produce a 0.00 loss cost. To avoid these problems and to increase the reliability of the modeled losses, this mapping technique was employed.

In order to define territories, residential base deductible ZIP Code level loss costs to the FHCF layer were used. The excess loss costs from three models (AIR, EQE, and RMS) were averaged and then weighted by the amount of construction in the three classes: frame, masonry, and masonry veneer. Together, these constructions account for over 99% of residential exposure. The result was a weighted average loss cost for each ZIP Code.

The ZIP Codes were ranked by weighted average loss cost and partitioned into 25 territories, or rating regions. We set the relativities between rating regions ahead of time, and then fit the ZIP Codes to these values. This enabled a more consistent spread of values between the highest and lowest rates. In keeping with past rates, the ratio of the rates in the highest and lowest regions was set at 35:1. Subject to these guidelines, statistical methods were used to maximize the differences between regions and minimize the variation within a region. This same procedure was performed for this year's rates. Subsequently, we judgmentally adjusted the territory 1 loss cost down to better reflect actual indications for territory 1. This adjustment had the effect of changing the ratio to approximately 37:1.

We tempered the change in territory from 2017 to 2018 by limiting the territory movement to no more than one from its 2017 territory assignment and only if there is an indication of a movement of two or more territories. This change has been made in 2018 to increase stability of territory definitions.

The proposed (tempered) territories, or rating groups, are presented in Exhibit XIII. Exhibit XV shows exposure and counts by territory. Exhibit XIX displays the proposed territories as maps.

Production of Rates

The total FHCF losses have been allocated to five types of business (Exhibit VI). Within each, construction and deductible relativities have been calculated. In this process, ZIP Code level modeled loss costs were combined using a straight average. Relativities between territories were determined in the territorial definition process.

An overall premium adjustment factor was calculated for each type of business, so that the modeled exposure, when rated using 90% coverage rates, produced the desired total premium for each type of business. In this last step, the premium required was adjusted to the 90% coverage level.

Rates for 75% and 45% coverage level were calculated as 75/90ths and 45/90ths, respectively, of the 90% coverage rates.

The proposed rates produced for the base set of deductibles are found in Exhibit XIV.

Exhibit XV shows exposure and counts by territory.

Exhibit XVI compares rate changes for Residential Masonry (2% Deductible) by rating region across the state before application of windstorm mitigation credits.

The rates that are published in these exhibits are base rates. To calculate the final rate for an insured risk, one must take into consideration the relativities applicable for the three construction characteristics:

Preliminary factor = (year built factor) x (roof shape factor) x (opening protection factor)

2018 mitigation factors do not have a cap. Prior to 2014 the preliminary factor was tempered by minimum and maximum caps. In 2014 we removed the cap of plus or minus 30% to unlimited due to increased credibility in reported company data.

Actual factor = Preliminary Factor

A small on balance factor is applied so that the final rates will produce the indicated FHCF reimbursement premium levels by type of business.

Final rate = (Base rate) x (actual factor) x (on balance factor)

All rate factors for the windstorm mitigation construction rating classifications and the on balance factor are shown in Exhibit XIV.

Part III: Limitations

Scope

This report was prepared for the use of the State Board of Administration of Florida (SBA) for the sole purpose of developing a formula for determining the actuarially indicated premium to be paid by individual companies for the Florida Hurricane Catastrophe Fund (FHCF) for the 2018 Contract Year as specified by Section 215.555, Florida Statutes. The formula must be approved by unanimous vote of the SBA Trustees and they may, at any time, revise the formula pursuant to the procedure provided in Section 215.555(5)(b), Florida Statutes.

The rates in this report are developed for the limits and retentions specified by Section 215.555, Florida Statutes, for the 2018 Contract Year. No adjustments have been made to reflect availability of FHCF financial capacity during and subsequent to the 2018 Contract Year.

Actual coverage provided by the FHCF for the 2018 Contract Year is subject to modification due to legislative, judicial, or regulatory actions. Except where explicitly noted, such modifications are not considered in this report.

Data Sources

In developing the 2018 FHCF ratemaking formula, we have relied on the following data from various sources:

- 1. FHCF exposure data as of 6/30/2017 as reported by 156 FHCF companies and compiled by Paragon. This data has not been fully audited yet and could be subject to variability in terms of amounts and classifications of exposure data.
- 2. Historical FHCF exposure data from prior years, subject to audit by FHCF auditors and compiled by Paragon.
- 3. Projections of 2018 season hurricane losses prepared by AIR, ARA, EQE, FPM, and RMS for use in determining overall expected industry losses. All loss projections are based on catastrophe models that have been accepted by the Florida Commission on Hurricane Loss Projection Methodology as of December 1, 2017.
- 4. Allocations of projected 2018 season hurricane losses prepared by AIR, EQE, and RMS for use in developing various rating classifications.
- 5. Special analyses of mitigation rating factors prepared by AIR, ARA, EQE and RMS.
- 6. Special analyses of projected hurricane losses by county by ARA, EQE and RMS.
- 7. Special analyses of projected hurricane losses by ZIP Code by Paragon using AIR and RMS models.
- 8. Historical FHCF investment returns as reported by the SBA.
- 9. Industry residential construction cost trends for Florida and the United States as developed by Marshall & Swift.
- 10. Estimates of projected FHCF operating expenses by FHCF staff.
- 11. Estimates of projected net expenses for 2013A and 2016A Pre-Event Notes by Raymond James and Associates.

We have not audited or verified the sources of the data and information. If the underlying data or information is inaccurate or incomplete, the results of our formula report may be impacted.

Variability of Results

Ratemaking is the projection of future losses and expenses and their relationship to future exposures. The projected rates contained in the attached report represent our best professional judgment. In property catastrophe reinsurance, actual losses are likely to vary from expected losses. The degree of variation could be substantial and could be in either direction from estimates. There is also significant potential for future variability in projections of expenses and exposures.

Distribution and Use

This report was prepared for the use of the SBA for the sole purpose of developing a formula for determining the actuarially indicated premium to be paid by individual companies for the FHCF for the 2018 Contract Year as specified by Section 215.555, Florida Statutes. The data, assumptions, methodology, and results in this report may not be appropriate for other than the intended use. We recommend that any party using this report have its own actuary review this report to ensure that the party understands the assumptions and uncertainties inherent in our estimates.

A copy of this report will be available on the web site of the FHCF.

EXHIBIT

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Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Summary of Rate Calculation

Section I : Retention, Attachment and Coverage Coverage Avg. % as of 10/25/2017 Coverage Avg. % as of 03/01/2018 Coverage Change		Residential 75.637% 73.691% -2.573%	Tenants 77.806% 77.879% 0.093%	Condos 81.567% 80.078% -1.825%	Mobile Home 89.108% 88.767% -0.383%	Commercial 57.830% 60.105% 3.934%	Total 74.524% 73.121% -1.882%	(1)	
Retention Loss Only Limit Retention + Limit Loss and LAE at Coverage Limit	7,255,000,000 22,142,054,671 29,397,054,671 17,000,000,000							(2) (3) (4) (5)	(2)+(3) (3)*total(1)*1.05
Section I		Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Gross Losses at 100% Unadjusted Gross Losses at 100% Adjusted* % Adjustment * Adjustment includes factors for law and ordinance cover	age and annual agg	2,406,442,350 2,535,187,016 5.350% regate deductibles.	22,049,654 22,060,679 0.050%	192,183,263 192,433,101 0.130%	103,916,757 104,384,382 0.450%	319,230,583 319,932,890 0.220%	3,043,822,607 3,173,998,069 4.277%	(6) (7) (8)	(7)/(6) - 1
Allocation of Excess Loss to Type of Business at Coverag Excess Losses and LAE at Coverage	e Level	80.477% 633,967,253	0.794% 6,255,833	6.559% 51,672,564	3.896% 30,693,466	8.273% 65,169,606	100.000% 787,758,722	(9) (10)	[Alloc of Excess Losses] (7) (9)*total(10)
Per Company Analysis Factors Retention Adjustment Limit Adjustment Combined Retention and Limit Adjustment	0.299%	1,893,589	18,685	154,340	91,678	194,654	2,352,947	(11) (14) (15)	(11 Factor)*(10) (14 Factor)*(10) (15 Factor)*(10)
Total Loss After Per Company Analysis Factors		635,860,842	6,274,518	51,826,904	30,785,144	65,364,260	790,111,669	(16)	(10)+(15)
Post Model Adjustment Factors		5.00% 31,793,042	5.00% 313,726	5.00% 2,591,345	5.00% 1,539,257	5.00% 3,268,213	5.00% 39,505,583	(17) (18)	(17)*(16)
Total Gross Excess Loss and LAE		667,653,884	6,588,244	54,418,250	32,324,401	68,632,473	829,617,252	(19)	(18)+(16)
Special Adjustments Investment Income Ceded Loss & LAE (\$1 B xs. \$10.5 B) Total Special Adjustment	0.000% -3.402% -3.402%	0 -22,710,290 -22,710,290	0 -224,100 -224,100	0 -1,851,040 -1,851,040	0 -1,099,517 -1,099,517	0 -2,334,538 -2,334,538	0 -28,219,485 -28,219,485	(20) (21) (22)	(20 Factor)*(19) Estimated Ceded Losses from Exhibit XVII (20)+(21)
Net Loss & LAE Prior to Expense Loadings and Credits (E	Base Prem)	644,943,594	6,364,145	52,567,209	31,224,884	66,297,935	801,397,767	(23)	(19)+(22)
Fixed Expense Loadings Operating Expense 2016A Note Expense 2013A Note Expense Mitigation Funding Offset for Premium Credits and Adjustments Total Fixed Expense Loadings	0.990% 1.323% 2.137% 0.000% 4.449%	6,383,685 8,530,598 13,780,366 0 28,694,649	62,993 84,178 135,981 0 0 283,152	520,313 695,301 1,123,192 0 2,338,806	309,066 413,008 667,175 0 0 1,389,249	656,220 876,915 1,416,573 0 2,949,709	7,932,277 10,600,000 17,123,288 0 35,655,565	(24a) (24b) (24c) (25) (26) (27)	SBA Operating Expenses Debt Service Payment & Held Asset Risk Charge Debt Service Payment & Held Asset Risk Charge Paid from Investment Income (not from premium) -((1+(33))*(1+(37))-1)*((24a+24b+24c+24d)+(25))/((1+(33))*(1+(37)) (24a)+(24b)+(24c)+(24d)+(25)+(26)
2018 Section I Base Premium at Coverage Level prior to (Cash Build Up	673,638,243	6,647,296	54,906,015	32,614,133	69,247,644	837,053,331	(34)	

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Section I: Adjustment to 10/25/2017 Exposure Base And Summary of Rate Change

	Residential	Tenants	Condos	Mobile Home	Commercial	Total				
Adjustment for Change in Reportings 10/25/2017 to 10/25/2017										
2017 Section I Base Premium as of 10/25/2017 (Net of Credits) as of 10/25/2017 Change	911,744,752 911,744,752 0.00%	9,149,278 9,149,278 0.00%	70,582,024 70,582,024 0.00%	43,415,597 43,415,597 0.00%	93,558,651 93,558,651 0.00%	1,128,450,302 1,128,450,302 0.00%	(35) (36) (37)	(36)/(35) - 1		
2017 Section I Exposure as of 10/25/2017 (All ZIP Codes) as of 10/25/2017 Change	1,873,752,532,503 1,873,752,532,503 0.00%	27,371,616,373 27,371,616,373 0.00%	96,464,337,994 96,464,337,994 0.00%	26,350,579,769 26,350,579,769 0.00%	152,937,257,976 152,937,257,976 0.00%	2,176,876,324,615 2,176,876,324,615 0.00%	(38) (39) (40)	(39)/(38) - 1		
Exposure Trend (2017 to 2018)	3.00%	7.00%	3.50%	0.00%	0.00%	2.83%	(41)			
2018 Section I Exposure	1,929,965,108,626	29,287,628,681	99,840,589,647	26,350,579,769	152,937,257,976	2,238,381,164,699	(42)	(1+(41))*(39)		
2018 Section I Actuarially Indicated Base Premium at Coverage Level 2018 Section I Actuarially Indicated Base Premium at Cov. Level Adj. For Reporting Change	673,638,243 673,638,243	6,647,296 6,647,296	54,906,015 54,906,015	32,614,133 32,614,133	69,247,644 69,247,644	837,053,331 837,053,331	(43) (43.01)	(34) (1+(37))*(43)		
Cash Build-up Factor 2018 Adjusted Sect. I Base Premium at Coverage at 2017 Cash Build-up Level 25%	842,047,804	8,309,120	68,632,519	40,767,666	86,559,555	1,046,316,664	(45)	(43.01)*1.25		
Variable Expense LoadingReinsuranceFactor6.021%	50,700,723	500,302	4,132,447	2,454,671	5,211,856	63,000,000	(45a)	(45)*(1/(1-Reins %))		
2018 Section I Base Premium at Coverage with Cash Build-up & Variable Expenses 5.6792%	892,748,527	8,809,423	72,764,966	43,222,337	91,771,411	1,109,316,664	(45b)	(45)+(45a)		

Summary of Section I, Premium, Exposure and Rate Change

			Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Base Premium (25% CB)	2017 2018	as of 10/25/2017	911,744,752 892,748,527	9,149,278 8,809,423	70,582,024 72,764,966	43,415,597 43,222,337	93,558,651 91,771,411	1,128,450,302 1,109,316,664	(46) (47)	(36)
	Change		-2.08%	-3.71%	3.09%	-0.45%	-1.91%	-1.70%	(48)	((47)/(46))-1
Exposure	2017 2018	as of 10/25/2017	1,873,752,532,503 1,929,965,108,626	27,371,616,373 29,287,628,681	96,464,337,994 99,840,589,647	26,350,579,769 26,350,579,769	152,937,257,976 152,937,257,976	2,176,876,324,615 2,238,381,164,699	(49) (50)	(39) (42)
	Change		3.00%	7.00%	3.50%	0.00%	0.00%	2.83%	(51)	((50)/(49))-1
Rate (at 25% CB)	2017 2018	as of 10/25/2017	0.4866 0.4626	0.3343 0.3008	0.7317 0.7288	1.6476 1.6403	0.6117 0.6001	0.5184 0.4956	(52) (53)	1000*(46)/(49) 1000*(47)/(50)
	Change		-4.94%	-10.01%	-0.39%	-0.45%	-1.91%	-4.40%	(54)	((53)/(52))-1
Rate at 25% CB	2018		0.4626	0.3008	0.7288	1.6403	0.6001	0.4956	(54.01)	
Rate Change			-4.94%	-10.01%	-0.39%	-0.45%	-1.91%	-4.40%	(55)	(('1000*(45b)/(50))/(52))-1

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Summary of Results

	Retention	Limit	Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Premium Section I: Basic Cov. Section I: Extended Cov.			892,748,527	8,809,423	72,764,966	43,222,337	91,771,411	1,109,316,664	(69) (45b)(70) There is no Extended Coverage Charge for Ci	tizens
Section I: Subtotal	7,255,000,000	17,000,000,000	892,748,527	8,809,423	72,764,966	43,222,337	91,771,411	1,109,316,664	(71) (70)+(69)	
Section II	0	0	0	0	0	0	0		(72) There is no Section II exposure	
Total	7,255,000,000	17,000,000,000	892,748,527	8,809,423	72,764,966	43,222,337	91,771,411	1,109,316,664	(73) (71)+(72)	
Coverage %			73.691%	77.879%	80.078%	88.767%	60.105%	73.121%	(74) (1)	
Projected Payout Multiple		15.3247							(73Limit)/(73total prem)	
Retention Multiples	100%	4.7822	1,211,482,276	11,311,747	90,867,747	48,692,044	152,685,906	1,517,093,810	(75) (73ret)/(73 tot prem)*(74tot)/100%)	
	90%	5.3135	1,090,334,048	10,180,572	81,780,973	43,822,839	137,417,316	1,365,384,429	(76) (73ret)/(73 tot prem)*(74tot)/90%)	
	75%	6.3762	908,611,707	8,483,810	68,150,810	36,519,033	114,514,430		(77) (73ret)/(73 tot prem)*(74tot)/75%)	
	45%	10.6270	545,167,024	5,090,286	40,890,486	21,911,420	68,708,658	682,692,215	(78) (73ret)/(73 tot prem)*(74tot)/45%)	
Sect. I Projected Exposure		2018	1,929,965,108,626	29,287,628,681	99,840,589,647	26,350,579,769	152,937,257,976	2,238,381,164,699	(79) (49)	
Sect. I Avg. Basic Rates	100%		0.6277	0.3862	0.9101	1.8479	0.9984	0.6778	(80) 1000*(69)/(79)*((100%/(74))	
-	90%		0.5650	0.3476	0.8191	1.6631	0.8985	0.6100	(81) 1000*(69)/(79)*((90%/(74))	
	75%		0.4708	0.2897	0.6826	1.3859	0.7488	0.5083	(82) 1000*(69)/(79)*((75%/(74))	
	45%		0.2825	0.1738	0.4096	0.8315	0.4493	0.3050	(83) 1000*(69)/(79)*((45%/(74))	
	Average Coverage		0.4626	0.3008	0.7288	1.6403	0.6001	0.4956	(84) 1000*(69)/(79) or (52)	
Overall Section I Rate Chance	qe									
	Total Premium	2017	911,744,752	9,149,278	70,582,024	43,415,597	93,558,651	1,128,450,302	(85) (45)	
		2018	892,748,527	8,809,423	72,764,966	43,222,337	91,771,411	1,109,316,664	(86) (73)	
	Total Exposure	2017	1,873,752,532,503	27,371,616,373	96,464,337,994	26,350,579,769	152,937,257,976	2,176,876,324,615	(87) (48)	
		2018	1,929,965,108,626	29,287,628,681	99,840,589,647	26,350,579,769	152,937,257,976	2,238,381,164,699	(88) (49)	
	Average Rate (000s)	2017	0.4866	0.3343	0.7317	1.6476	0.6117	0.5184	(89) 1000*(85)/(87)	
		2018	0.4626	0.3008	0.7288	1.6403	0.6001	0.4956	(90) 1000*(86)/(88)	
	Overall Rate Change		-4.94%	-10.01%	-0.39%	-0.45%	-1.91%	-4.40%	(91) (90)/(89) - 1	

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Section I: Historical Exposures and Premiums

		Residential	Tenants*	Condo-Owners	Mobile Home	Commercial	Total
Section Expr	osures (as of 1	0/24/2016)					
2008		\$1,783,139,166,905	\$17,697,307,503	\$79,407,858,258 \$84 198 948 574	\$37,368,104,549	\$197,900,227,178 \$212 460 681 802	\$2,115,512,664,393
2009 2010		\$1,815,472,177,828 \$1,817,662,481,519	\$17,345,852,866 \$17,569,203,805	\$84,198,948,574 \$83,886,023,190	\$36,761,961,986 \$35,542,039,480	\$212,460,681,802 \$209,853,976,263	\$2,166,239,623,056 \$2,164,513,724,257
2010		\$1,777.677.567.002	\$18,329,345,968	\$84,448,798,032	\$33,837,366,975	\$203.072.396.562	\$2,104,515,724,257 \$2,117,365,474,539
2012		\$1,742,101,137,356	\$19,311,739,294	\$84,152,063,133	\$31,569,203,791	\$199,076,994,510	\$2,076,211,138,084
2013		\$1,692,585,905,910	\$20,716,140,015	\$84,939,169,492	\$28,539,351,997	\$197,362,838,239	\$2,024,143,405,653
2014		\$1,719,567,803,513	\$22,229,245,146	\$86,702,102,354	\$27,474,291,575	\$188,824,739,041	\$2,044,798,181,629
2015		\$1,755,391,542,183	\$22,511,196,987	\$88,456,399,349	\$25,920,223,302	\$170,638,350,230	\$2,062,917,712,051
2016 2017		\$1,823,113,728,771 \$1.873,752,532,503	\$25,411,606,383 \$27,371,616,373	\$93,388,534,943 \$96,464,337,994	\$25,960,036,639 \$26,350,579,769	\$161,744,631,029 \$152,937,257,976	\$2,129,618,537,765 \$2,176,876,324,615
2018		\$1,929,965,108,626	\$29,287,628,681	\$99,840,589,647	\$26,350,579,769	\$152,937,257,976	\$2,238,381,164,699
2019	()/		, . ,,		,		
Section Pron	niums (as of 10	(24/2016)					
	10 00 10						
2008 2009		\$751,531,398 \$821,700,186	\$7,069,055 \$6,499,295	\$48,188,923 \$52,307,156	\$35,517,945 \$39,714,714	\$149,973,088 \$155,523,244	\$992,280,410 \$1,075,744,595
2009		\$859,864,344	\$6,499,295	\$52,307,156	\$39,714,714 \$43,539,127	\$155,523,244 \$153,444,469	\$1,075,744,595
2010		\$880,754,111	\$6,505,495	\$53,683,414	\$45,968,427	\$150,384,875	\$1,137,296,322
2012		\$981,901,520	\$8,032,833	\$60,505,008	\$43,863,584	\$167,063,181	\$1,261,366,127
2013		\$977,906,580	\$9,143,951	\$64,528,991	\$37,315,378	\$175,438,169	\$1,264,333,070
2014		\$981,990,781	\$10,188,137	\$66,375,860	\$35,208,908	\$173,880,302	\$1,267,643,988
2015 2016		\$975,338,163 \$908,761,071	\$9,277,170 \$8,997,273	\$67,840,387 \$69.002.510	\$34,740,400 \$39,255,768	\$129,024,607 \$113,505,081	\$1,216,220,727 \$1,139,521,703
2010		\$911,744,752	\$9,149,278	\$70,582,024	\$43,415,597	\$93,558,651	\$1,128,450,302
2018	(Proj.)	\$892,748,527	\$8,809,423	\$72,764,966	\$43,222,337	\$91,771,411	\$1,109,316,664
2019							
Section I Aver	age Rates (per	\$1000)					
2008		0.4215	0.3994	0.6069	0.9505	0.7578	0.4690
2009		0.4526	0.3747	0.6212	1.0803	0.7320	0.4966
2010		0.4731	0.3701	0.6184	1.2250	0.7312	0.5152
2011		0.4955	0.3549	0.6357	1.3585	0.7405	0.5371
2012 2013		0.5636 0.5778	0.4160 0.4414	0.7190 0.7597	1.3894 1.3075	0.8392	0.6075 0.6246
2013		0.5778	0.4414	0.7597	1.3075	0.8889	0.6246
2014		0.5556	0.4121	0.7669	1.3403	0.7561	0.5896
2016		0.4985	0.3541	0.7389	1.5122	0.7018	0.5351
2017		0.4866	0.3343	0.7317	1.6476	0.6117	0.5184
2018 2019	(Proj.)	0.4626	0.3008	0.7288	1.6403	0.6001	0.4956
Percent Chan	ge in Rates						
2008-09		7.39%	-6.20%	2.37%	13.66%	-3.41%	5.87%
2009-10		4.52%	-1.22%	-0.46%	13.39%	-0.11%	3.75%
2010-11		4.73%	-4.10%	2.80%	10.90%	1.28%	4.25%
2011-12 2012-13		13.76% 2.51%	17.20% 6.12%	13.10% 5.66%	2.28% -5.90%	13.32% 5.93%	13.11% 2.81%
2012-13		-1.16%	3.84%	0.77%	-1.99%	3.59%	-0.75%
2014-15		-2.70%	-10.08%	0.18%	4.59%	-17.89%	-4.90%
2015-16		-10.29%	-14.09%	-3.66%	12.82%	-7.19%	-9.24%
2016-17		-2.38%	-5.59%	-0.97%	8.96%	-12.83%	-3.12%
2017-18		-4.94%	-10.01%	-0.39%	-0.45%	-1.91%	-4.40%
Historical Rate	es as Percent o	of 2018 Rates					
2008		91%	133%	83%	58%	126%	95%
2009		98%	125%	85%	66%	122%	100%
2010		102%	123%	85%	75%	122%	104%
2011 2012		107% 122%	118% 138%	87% 99%	83% 85%	123% 140%	108% 123%
2012		125%	147%	104%	80%	148%	126%
2014		123%	152%	105%	78%	153%	125%
2015		120%	137%	105%	82%	126%	119%
2016		108%	118%	101%	92%	117%	108%
2017 2018		105% 100%	111% 100%	100% 100%	100% 100%	102% 100%	105% 100%
	Limit(\$B)	datory Coverage only)					
2008	16.530						6.0%
2009	17.175						6.3%
2010 2011	17.000 17.000						6.6% 6.7%
2011	17.000						0.7%
2013	17.000						7.4%
2014	17.000						7.5%
2015	17.000						7.2%
2016 2017	17.000 17.000						6.7% 6.6%
2017	17.000						6.5%
		and Alone & Other Contents	Type Policies				

EXHIBIT

III

Trended Control Totals By Type

Туре	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Commercial	210,062	3.0%	\$152,937,257,976	\$728,058	6.8%
Residential	4,432,493	63.2%	\$1,929,965,108,626	\$435,413	86.2%
Mobile Home	333,972	4.8%	\$26,350,579,769	\$78,901	1.2%
Tenants	1,174,061	16.7%	\$29,287,628,681	\$24,946	1.3%
Condominium Unit Owners	859,595	12.3%	\$99,840,589,647	\$116,148	4.5%
Total	7,010,183	100.0%	\$2,238,381,164,699	\$319,304	100.0%

Trended Commercial Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	31,840	15.2%	\$19,451,762,743	\$610,922	12.7%
Masonry	165,750	78.9%	\$72,771,713,547	\$439,045	47.6%
Masonry with Reinforced Concrete Roof	7,853	3.7%	\$18,559,435,361	\$2,363,356	12.1%
Superior	406	0.2%	\$5,168,195,378	\$12,729,545	3.4%
Superior with Reinforced Concrete Roof	2,354	1.1%	\$36,759,939,206	\$15,615,947	24.0%
Masonry Veneer	22	0.0%	\$10,923,688	\$496,531	0.0%
Unknown/Non Mobile Home Default	1,837	0.9%	\$215,288,053	\$117,195	0.1%
Total	210,062	100.0%	\$152,937,257,976	\$728,058	100.0%

Trended Residential Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	943,083	21.3%	\$384,179,549,147	\$407,366	19.9%
Masonry	3,187,612	71.9%	\$1,398,979,560,532	\$438,880	72.5%
Masonry Veneer	274,562	6.2%	\$140,410,974,074	\$511,400	7.3%
Unknown/Non Mobile Home Default	27,236	0.6%	\$6,395,024,873	\$234,800	0.3%
Total	4,432,493	100.0%	\$1,929,965,108,626	\$435,413	100.0%

2018 Ratemaking Formula Report 2017 Reported Exposures as of 10/25/17 (Trended to 6/30/18)

Trended Mobile Home Control Totals By Construction

Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
181,012	54.2%	\$10,424,296,706	\$57,589	39.6%
142,105	42.5%	\$15,047,230,746	\$105,888	57.1%
10,855	3.3%	\$879,052,317	\$80,981	3.3%
333 972	100.0%	\$26 350 579 769	\$78 901	100.0%
	181,012 142,105	Units Units 181,012 54.2% 142,105 42.5% 10,855 3.3%	UnitsUnitsExposure181,01254.2%\$10,424,296,706142,10542.5%\$15,047,230,74610,8553.3%\$879,052,317	UnitsUnitsExposureExposure181,01254.2%\$10,424,296,706\$57,589142,10542.5%\$15,047,230,746\$105,88810,8553.3%\$879,052,317\$80,981

Trended Tenants Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	139,130	11.9%	\$3,579,009,532	\$25,724	12.2%
Masonry	187,816	16.0%	\$6,717,549,711	\$35,767	22.9%
Masonry with Reinforced Concrete Roof	477	0.0%	\$53,872,632	\$112,941	0.2%
Superior	7,049	0.6%	\$377,569,418	\$53,564	1.3%
Superior with Reinforced Concrete Roof	877	0.1%	\$124,422,811	\$141,873	0.4%
Masonry Veneer	16,761	1.4%	\$632,142,766	\$37,715	2.2%
Unknown/Non Mobile Home Default	821,951	70.0%	\$17,803,061,811	\$21,660	60.8%
Total	1,174,061	100.0%	\$29,287,628,681	\$24,946	100.0%

Trended Condominium Unit Owners Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	88,893	10.3%	\$8,910,116,947	\$100,234	8.9%
Masonry	499,647	58.1%	\$49,302,674,911	\$98,675	49.4%
Masonry with Reinforced Concrete Roof	74,482	8.7%	\$8,949,552,797	\$120,157	9.0%
Superior	73,921	8.6%	\$10,427,502,402	\$141,063	10.4%
Superior with Reinforced Concrete Roof	102,996	12.0%	\$20,135,900,241	\$195,502	20.2%
Masonry Veneer	7,208	0.8%	\$776,468,169	\$107,723	0.8%
Unknown/Non Mobile Home Default	12,448	1.4%	\$1,338,374,180	\$107,517	1.3%
Total	859,595	100.0%	\$99,840,589,647	\$116,148	100.0%

Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
CA (\$0 to \$2,500)	169	0.1%	\$65,534,816	\$387,780	0.0%
CB (\$2,501 to \$7,500)	98	0.0%	\$19,930,159	\$203,369	0.0%
CC (\$7,501 to \$15,000)	467	0.2%	\$131,930,998	\$282,507	0.1%
CD (\$15,001 to \$50,000)	850	0.4%	\$113,056,659	\$133,008	0.1%
C1 (1%)	7,482	3.6%	\$7,139,225,476	\$954,187	4.7%
C2 (2%)	44,885	21.4%	\$26,895,605,111	\$599,211	17.6%
C3 (3%)	107,604	51.2%	\$78,791,211,039	\$732,233	51.5%
C4 (4%)	27	0.0%	\$652,413,166	\$24,163,451	0.4%
C5 (5%)	47,777	22.7%	\$38,256,736,763	\$800,735	25.0%
C6 (6%)	435	0.2%	\$497,528,351	\$1,143,743	0.3%
C7 (7%)	3	0.0%	\$81,197,932	\$27,065,977	0.1%
C8 (8%)	1	0.0%	\$12,933,966	\$12,933,966	0.0%
C9 (9%)	0	0.0%	\$0	\$0	0.0%
C0 (10%)	264	0.1%	\$279,953,540	\$0	0.2%
Total	210,062	100.0%	\$152,937,257,976	\$728,058	100.0%

Trended Commercial Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM	(\$0)	24,544	0.6%	\$1,022,094,690	\$41,643	0.1%
RA	(\$1 to \$500)	133,625	3.0%	\$46,059,622,049	\$344,693	2.4%
RB	(\$501 to \$1,500)	13,814	0.3%	\$6,878,897,740	\$497,966	0.4%
RC	(\$1,501 to \$2,500)	2,413	0.1%	\$665,333,372	\$275,729	0.0%
RD	(Greater Than \$2,500)	2,266	0.1%	\$1,510,325,026	\$666,516	0.1%
R1 ((1%)	10,888	0.2%	\$6,290,306,073	\$577,728	0.3%
R2	(2%)	3,846,464	86.8%	\$1,674,054,263,678	\$435,219	86.7%
R3 ((3%)	35,849	0.8%	\$13,341,628,675	\$372,162	0.7%
R4	(4%)	3,561	0.1%	\$2,311,180,631	\$649,026	0.1%
R5	(5%)	317,464	7.2%	\$149,680,583,596	\$471,488	7.8%
R6	(6%)	33	0.0%	\$17,802,435	\$539,468	0.0%
R7	(7%)	25	0.0%	\$8,523,711	\$340,948	0.0%
R8	(8%)	64	0.0%	\$45,549,194	\$711,706	0.0%
R9	(9%)	2	0.0%	\$437,872	\$218,936	0.0%
R0	(10% to 14%)	40,115	0.9%	\$25,545,932,560	\$636,817	1.3%
RZ	(15% or Greater)	1,366	0.0%	\$2,532,627,324	\$1,854,046	0.1%
Total		4,432,493	100.0%	\$1,929,965,108,626	\$435,413	100.0%

Trended Residential Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
MM	(\$0)	197	0.1%	\$1,440,515	\$7,312	0.0%
MA	(\$1 to \$250)	1,213	0.4%	\$13,486,454	\$11,118	0.1%
MB	(\$251 to \$500)	133,538	40.0%	\$8,597,396,433	\$64,382	32.6%
MC	(Greater Than \$500)	6,129	1.8%	\$524,274,678	\$85,540	2.0%
M1	(1%)	155	0.0%	\$18,781,839	\$121,173	0.1%
M2	(2%)	108,450	32.5%	\$11,476,373,349	\$105,822	43.6%
М3	(3%)	171	0.1%	\$14,846,379	\$86,821	0.1%
M4	(4%)	17	0.0%	\$874,850	\$51,462	0.0%
M5	(5%)	72,068	21.6%	\$5,038,154,099	\$69,908	19.1%
M6	(6%)	5	0.0%	\$540,360	\$108,072	0.0%
M7	(7%)	0	0.0%	\$0	\$0	0.0%
M8	(8%)	1	0.0%	\$161,000	\$161,000	0.0%
M9	(9%)	444	0.1%	\$48,315,360	\$108,818	0.2%
M0	(10% or Greater)	11,584	3.5%	\$615,934,453	\$53,171	2.3%
Tota	al	333,972	100.0%	\$26,350,579,769	\$78,901	100.0%

Trended Mobile Home Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM	(\$0)	344,758	29.4%	\$6,375,852,517	\$18,494	21.8%
RA	(\$1 to \$500)	477,755	40.7%	\$12,725,533,620	\$26,636	43.5%
RB	(\$501 to \$1,500)	260,401	22.2%	\$6,307,408,075	\$24,222	21.5%
RC	(\$1,501 to \$2,500)	2,712	0.2%	\$118,751,853	\$43,788	0.4%
RD	(Greater Than \$2,500)	2,260	0.2%	\$129,615,348	\$57,352	0.4%
R1	(1%)	45	0.0%	\$3,591,306	\$79,807	0.0%
R2	(2%)	75,353	6.4%	\$3,214,573,691	\$42,660	11.0%
R3	(3%)	11	0.0%	\$452,986	\$41,181	0.0%
R4	(4%)	4	0.0%	\$3,345,355	\$836,339	0.0%
R5	(5%)	7,798	0.7%	\$302,437,022	\$38,784	1.0%
R6	(6%)	0	0.0%	\$0	\$0	0.0%
R7	(7%)	0	0.0%	\$0	\$0	0.0%
R8	(8%)	0	0.0%	\$0	\$0	0.0%
R9	(9%)	0	0.0%	\$0	\$0	0.0%
R0	(10% to 14%)	2,853	0.2%	\$80,385,326	\$28,176	0.3%
RZ	(15% or Greater)	111	0.0%	\$25,681,582	\$231,366	0.1%
Tota	al	1,174,061	100.0%	\$29,287,628,681	\$24,946	100.0%

Trended Tenants Control Totals By Deductible Code

Trended Condominium Unit Owners Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM	(\$0)	4,196	0.5%	\$169,869,022	\$40,484	0.2%
RA	(\$1 to \$500)	250,900	29.2%	\$18,342,532,437	\$73,107	18.4%
RB	(\$501 to \$1,500)	87,281	10.2%	\$10,459,424,015	\$119,836	10.5%
RC	(\$1,501 to \$2,500)	12,250	1.4%	\$1,832,720,594	\$149,610	1.8%
RD	(Greater Than \$2,500)	2,548	0.3%	\$585,649,837	\$229,847	0.6%
R1	(1%)	62	0.0%	\$29,763,312	\$480,053	0.0%
R2	(2%)	441,900	51.4%	\$58,336,058,963	\$132,012	58.4%
R3	(3%)	682	0.1%	\$150,525,938	\$220,713	0.2%
R4	(4%)	209	0.0%	\$37,789,383	\$180,810	0.0%
R5	(5%)	47,405	5.5%	\$7,825,008,310	\$165,067	7.8%
R6	(6%)	0	0.0%	\$0	\$0	0.0%
R7	(7%)	0	0.0%	\$0	\$0	0.0%
R8	(8%)	35	0.0%	\$3,011,632	\$86,047	0.0%
R9	(9%)	0	0.0%	\$0	\$0	0.0%
R0	(10% to 14%)	11,303	1.3%	\$1,497,627,326	\$132,498	1.5%
RZ	(15% or Greater)	824	0.1%	\$570,608,878	\$692,487	0.6%
Tota	al	859,595	100.0%	\$99,840,589,647	\$116,148	100.0%

Trended Exposures and Risks from Invalid ZIP Codes

	Invalid ZIP Code Data			Valid Zip Code Data			
Туре	Units	Exposure	Average	Units	Exposure	Average	
Commercial	2	\$2,487,200	\$1,243,600	210,060	152,934,770,776	\$728,053	
Residential	40	\$16,193,504	\$404,838	4,432,453	1,929,948,915,122	\$435,413	
Mobile Home	111	\$5,894,951	\$53,108	333,861	26,344,684,818	\$78,909	
Tenants	90	\$1,517,595	\$16,862	1,173,971	29,286,111,086	\$24,946	
Condo Owners	8	\$812,683	\$101,585	859,587	99,839,776,964	\$116,149	
Total	251	\$26,905,933	\$107,195	7,009,932	\$2,238,354,258,766	\$319,312	

	All Data			% from Invalid ZIP Codes		
Туре	Units	Exposure	Average	Units	Exposure	-
Commercial	210,062	\$152,937,257,976	\$728,058	0.00%	0.00%	
Residential	4,432,493	\$1,929,965,108,626	\$435,413	0.00%	0.00%	
Mobile Home	333,972	\$26,350,579,769	\$78,901	0.03%	0.02%	
Tenants/Other	1,174,061	\$29,287,628,681	\$24,946	0.01%	0.01%	
Condo Owners	859,595	\$99,840,589,647	\$116,148	0.00%	0.00%	
Total	7,010,183	\$2,238,381,164,699	\$319,304	0.00%	0.00%	

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Exposures, Unit Counts and Averages As of 10/25/17

								Annua	I Change (%)**		
			Exposures (\$)						Exposures		
1004	Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total	1004 1005	Commercial	Residential*	Mobile Home		Total
1994	250,798,066,574	573,595,663,128	27,708,002,887	N/A	852,101,732,589	1994-1995	NA	12.9	(0.9)	N/A	N/A
1995	72,259,223,184	647,611,806,441	27,471,321,323	N/A	747,342,350,948	1995-1996	(0.3)	1.3	(3.0)	N/A	0.9
1996 1997	72,045,415,920 67,060,941,081	655,747,424,327 665,706,907,693	26,641,265,399 27,603,802,377	N/A N/A	754,434,105,646	1996-1997 1997-1998	(6.9) (6.9)	1.5 2.1	3.6 3.2	N/A N/A	0.8 1.3
1997					760,371,651,151 770,488,483,765	1997-1998		4.1	2.9	N/A N/A	
1998	62,406,306,257 62,310,422,803	679,581,831,252 707,168,630,617	28,500,346,256 29,321,225,365	N/A N/A	798,800,278,785	1998-1999	(0.2) 28.9	9.0	2.9	N/A N/A	3.7 10.3
2000	80,327,371,492	771,151,251,493	29,805,027,583	N/A N/A	881,283,650,568	2000-2001	20.9 19.4	3.2	1.7	N/A N/A	4.6
2000	95,903,685,545	795,830,648,826	30,336,699,432	N/A N/A	922,071,033,803	2000-2001	17.9	19.2	12.6	N/A N/A	19.3
2001	113,055,152,173	948,240,567,004	34,158,045,008	4,649,506,167	1,100,103,270,352	2001-2002	8.5	8.3	(0.1)	78.7	8.4
2002	122,711,546,221	1,027,400,432,961	34,109,501,584	8,307,577,221	1,192,529,057,987	2002-2003	(1.7)	12.5	2.7	9.4	10.7
2003	120,567,809,498	1,155,969,925,095	35,014,550,966	9,090,209,248	1,320,642,494,807	2003-2004	4.1	17.2	3.7	16.6	15.6
2004	125,518,806,067	1,354,455,492,240	36,309,216,467	10,602,304,913	1,526,885,819,687	2005-2006	8.6	19.4	4.8	N/A	17.3
2005	136,340,614,829	1,617,264,717,950	38,069,099,793	N/A	1,791,674,432,572	2006-2007	37.0	11.2	(1.5)	N/A	12.9
2000	186,827,864,101	1,798,433,070,223	37,500,069,047	N/A	2,022,761,003,371	2000-2007	5.9	4.5	(0.4)	N/A	4.6
2007	197,900,227,178	1,880,244,332,666	37,368,104,549	N/A	2,115,512,664,393	2008-2009	7.4	2.0	(1.6)	N/A	2.4
2000	212,460,681,802	1,917,016,979,268	36,761,961,986	N/A	2,166,239,623,056	2009-2010	(1.2)	0.1	(3.3)	N/A	(0.1)
2003	209,853,976,263	1,919,117,708,514	35,542,039,480	N/A	2,164,513,724,257	2010-2011	(3.2)	(2.0)	(4.8)	N/A	(2.2)
2010	203,072,396,562	1,880,455,711,002	33,837,366,975	N/A N/A	2,117,365,474,539	2010-2011	(2.0)	(2.0)	(6.7)	N/A N/A	(2.2)
2011	199,076,994,510	1,845,564,939,783	31,569,203,791	N/A N/A	2,076,211,138,084	2011-2012	(0.9)	(1.9)	(9.6)	N/A N/A	(2.5)
2012	197,362,838,239	1,798,241,215,417	28,539,351,997	N/A N/A	2,024,143,405,653	2012-2013	(0.9)	(2.0)	(3.7)	N/A N/A	(2.5)
2013	188,824,739,041	1,828,499,151,013	27,474,291,575	N/A N/A	2,024,143,405,655	2013-2014	(9.8)	2.0	(5.8)	N/A N/A	0.8
2014	170,243,010,515	1,865,931,881,566	25,877,523,024	N/A	2,062,052,415,105	2014-2015	(5.3)	4.1	0.6	N/A N/A	3.3
2015	161,158,548,280	1,942,110,684,911	26,037,614,203	N/A N/A	2,129,306,847,394	2015-2016	(5.3)	2.9	1.2	N/A N/A	2.2
2010	152,937,257,976	1,997,588,486,870	26,350,579,769	N/A	2,176,876,324,615	Avg. 95-17	4.1	5.4	(0.1)	N/A N/A	5.2
2017	.02,001,201,010	.,,	20,000,010,109	19/5	2,110,010,024,010	7.4g. 55-17	7.1	0.4	(0.1)	11/0	0.2
	-		Unit Counts				_		Unit Counts		
	Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total		Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total
1994	667,009	4,523,478	630,092	N/A	5,820,579	1994-1995	NA	3.1	(0.1)	N/A	N/A
1995	217,433	4,662,527	629,593	N/A	5,509,553	1995-1996	7.1	(1.6)	(6.1)	N/A	(1.8)
1996	232,810	4,589,144	590,981	N/A	5,412,935	1996-1997	(14.4)	2.9	1.7	N/A	2.0
1997	199,267	4,722,716	601,167	N/A	5,523,150	1997-1998	(13.8)	(0.6)	(0.5)	N/A	(1.0)
1998	171,866	4,695,966	598,446	N/A	5,466,278	1998-1999	(23.1)	(1.4)	1.5	N/A	(1.8)
1999	132,195	4,627,958	607,162	N/A	5,367,315	1999-2000	(8.9)	4.2	(0.2)	N/A	3.4
2000	120,422	4,820,714	606,046	N/A	5,547,182	2000-2001	39.5	1.2	(2.1)	N/A	1.6
2001	167,961	4,877,216	593,148	N/A	5,638,325	2001-2002	13.2	0.3	(0.3)	N/A	3.7
2002	190,197	4,889,766	591,094	174,492	5,845,549	2002-2003	(5.4)	(0.1)	(2.3)	99.5	2.5
2003	179,954	4,885,715	577,547	348,037	5,991,253	2003-2004	(15.1)	2.3	(2.5)	(5.9)	0.8
2004	152,720	4,998,614	562,979	327,482	6,041,795	2004-2005	(4.6)	4.6	(3.3)	2.9	3.6
2005	145,657	5,229,215	544,433	336,976	6,256,281	2005-2006	(2.7)	9.8	(4.1)	N/A	2.4
2006	141,782	5,742,372	522,009	N/A	6,406,163	2006-2007	36.7	0.5	(6.0)	N/A	0.7
2007	193,852	5,768,968	490,926	N/A	6,453,746	2007-2008	(3.6)	(0.6)	(1.9)	N/A	(0.8)
2008	186,851	5,736,170	481,647	N/A	6,404,668	2008-2009	4.8	0.4	(2.7)	N/A	0.3
2009	195,884	5,757,481	468,744	N/A	6,422,109	2009-2010	(0.8)	0.2	(3.4)	N/A	(0.1)
2010	194,310	5,767,950	452,889	N/A	6,415,149	2010-2011	(0.6)	0.3	(4.1)	N/A	(0.0)
2011	193,114	5,784,513	434,355	N/A	6,411,982	2011-2012	(1.5)	(0.1)	(7.3)	N/A	(0.7)
2012	190,172	5,776,731	402,738	N/A	6,369,641	2012-2013	(1.4)	0.3	(6.2)	N/A	(0.1)
2013	187,504	5,794,914	377,877	N/A	6,360,295	2013-2014	(5.1)	1.8	(1.0)	N/A	1.4
2014	178,004	5,896,356	374,055	N/A	6,448,415	2014-2015	(7.2)	1.7	(7.9)	N/A	0.9
2015	165,116	5,998,865	344,350	N/A	6,508,331	2015-2016	28.3	2.9	(1.8)	N/A	3.3
2016	211,774	6,170,407	338,035	N/A	6,720,216	2016-2017	(0.8)	2.5	(1.2)	N/A	2.2
2017	210,062	6,323,392	333,972	N/A	6,867,426	Avg. 95-17	0.9	1.4	(2.8)	N/A	1.0
			Averages (\$)						Averages		
	Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total		Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total
1994	376,004	126,804	43,975	N/A	146,395	1994-1995	NA	9.5	(0.8)	N/A	N/A
1995	332,329	138,897	43,633	N/A	135,645	1995-1996	(6.9)	2.9	3.3	N/A	2.8
1996	309,460	142,891	45,080	N/A	139,376	1996-1997	8.8	(1.4)	1.9	N/A	(1.2)
1997	336,538	140,958	45,917	N/A	137,670	1997-1998	7.9	2.7	3.7	N/A	2.4
1998	363,110	144,716	47,624	N/A	140,953	1998-1999	29.8	5.6	1.4	N/A	5.6
1999	471,352	152,804	48,292	N/A	148,827	1999-2000	41.5	4.7	1.8	N/A	6.7
2000	667,049	159,966	49,179	N/A	158,871	2000-2001	(14.4)	2.0	4.0	N/A	2.9
2001	570,988	163,173	51,145	N/A	163,536	2001-2002	4.1	18.8	13.0	N/A	15.1
2002	594,411	193,924	57,788	26,646	188,195	2002-2003	14.7	8.4	2.2	(10.4)	5.8
2003	681,905	210,287	59,059	23,870	199,045	2003-2004	15.8	10.0	5.3	16.3	9.8
2004	789,470	231,258	62,195	27,758	218,584	2004-2005	9.2	12.0	7.2	13.3	11.7
2005	861,742	259,017	66,692	31,463	244,056	2005-2006	11.6	8.7	9.4	N/A	14.6
2006	961,621	281,637	72,928	N/A	279,680	2006-2007	0.2	10.7	4.7	N/A	12.1
2007	963,765	311,743	76,386	N/A	313,424	2007-2008	9.9	5.1	1.6	N/A	5.4
2008	1,059,134	327,787	77,584	N/A	330,308	2008-2009	2.4	1.6	1.1	N/A	2.1
2009	1,084,625	332,961	78,427	N/A	337,310	2009-2010	(0.4)	(0.1)	0.1	N/A	0.0
2010	1,079,996	332,721	78,478	N/A	337,407	2010-2011	(2.6)	(2.3)	(0.7)	N/A	(2.1)
2011	1,051,567	325,085	77,903	N/A	330,220	2011-2012	(0.5)	(1.7)	0.6	N/A	(1.3)
2012	1,046,826	319,483	78,386	N/A	325,954	2012-2013	0.5	(2.9)	(3.6)	N/A	(2.4)
2013	1,052,579	310,314	75,526	N/A	318,247	2013-2014	0.8	(0.1)	(2.7)	N/A	(0.4)
2014	1,060,789	310,107	73,450	N/A	317,101	2014-2015	(2.8)	0.3	2.3	N/A	(0.1)
2015	1,031,051	311,047	75,149	N/A	316,833	2015-2016	(26.2)	1.2	2.5	N/A	0.0
2016 2017	760,993 728,058	314,746 315,905	77,026 78,901	N/A N/A	316,851 316,986	2016-2017 Avg. 95-17	(4.3) 4.5	0.4 3.9	2.4 2.8	N/A N/A	0.0 4.1
2017	120,000	515,505	70,001	11/15	510,500	Avg. 33-17	4.5	5.5	2.0	11/17	7.1

* Includes Residential, Tenants, and Condominium Unit Owner policies. **2002 was the first year Stand Alone Inland Marine data was reported. Stand Alone Inland Marine was defined as inland marine policies not associated with the policy that covers the main building/structure. In 2003, it was referred to as "Stand Alone/Contents Type Policies" and also included scheduled personal property written under attachments, endorsements, and riders. In 2004, it was referred to as "Other Contents Policies or Endorsements." In 2006, it was removed.

Commercial Totals By Mitigation Features

Mitigation Feature	Percent of Units Units		Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown	1,623	0.8%	\$594,405,972	\$366,239	0.4%
1994 or Earlier	124,480	59.3%	\$92,326,359,725	\$741,696	60.4%
1995-2001	27,228	13.0%	\$15,830,560,025	\$581,407	10.4%
2002-2011	46,481	22.1%	\$38,318,379,260	\$824,388	25.1%
2012 or Later	10,250	4.9%	\$5,867,552,994	\$572,444	3.8%
TOTAL	210,062	100.0%	\$152,937,257,976	\$728,058	100.0%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	182,175	86.7%	\$117,321,302,818	\$644,003	76.7%
Credit is Given to Policyholder	27,887	13.3%	\$35,615,955,158	\$1,277,153	23.3%
TOTAL	210,062	100.0%	\$152,937,257,976	\$728,058	100.0%
ROOF SHAPE					
Hip, Mansard, or Pyramid	74,674	35.5%	\$36,311,097,793	\$486,262	23.7%
Gable, Other, or Unknown	135,388	64.5%	\$116,626,160,183	\$861,422	76.3%
TOTAL	210,062	100.0%	\$152,937,257,976	\$728,058	100.0%

Mitigation Feature	Percent of Units Units		Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown	19,397	0.4%	\$4,012,616,197	\$206,868	0.2%
1994 or Earlier	2,549,323	57.5%	\$934,158,529,132	\$366,434	48.4%
1995-2001	625,399	14.1%	\$319,883,909,226	\$511,488	16.6%
2002-2011	953,427	21.5%	\$504,788,059,700	\$529,446	26.2%
2012 or Later	284,947	6.4%	\$167,121,994,371	\$586,502	8.7%
TOTAL	4,432,493	100.0%	\$1,929,965,108,626	\$435,413	100.0%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	3,720,978	83.9%	\$1,494,644,726,421	\$401,681	77.4%
Credit is Given to Policyholder	711,515	16.1%	\$435,320,382,205	\$611,822	22.6%
TOTAL	4,432,493	100.0%	\$1,929,965,108,626	\$435,413	100.0%
ROOF SHAPE					
Hip, Mansard, or Pyramid	1,317,478	29.7%	\$735,811,428,729	\$558,500	38.1%
Gable, Other, or Unknown	3,115,015	70.3%	\$1,194,153,679,897	\$383,354	61.9%
TOTAL	4,432,493	100.0%	\$1,929,965,108,626	\$435,413	100.0%

Residential Totals By Mitigation Features

Mobile Home Totals By Mitigation Features

Mitigation Feature	Percent of Units Units		Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown or Mobile Home	333,972	100.0%	\$26,350,579,769	\$78,901	100.0%
1994 or Earlier	0	0.0%	\$0	\$0	0.0%
1995-2001	0	0.0%	\$0	\$0	0.0%
2002 or Later	0	0.0%	\$0	\$0	0.0%
TOTAL	333,972	100.0%	\$26,350,579,769	\$78,901	100.0%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	333,966	100.0%	\$26,350,318,959	\$78,901	100.0%
Credit is Given to Policyholder	6	0.0%	\$260,810	\$0	0.0%
TOTAL	333,972	100.0%	\$26,350,579,769	\$78,901	100.0%
ROOF SHAPE					
Hip, Mansard, or Pyramid	30	0.0%	\$371,160	\$12,372	0.0%
Gable, Other, or Unknown	333,942	100.0%	\$26,350,208,609	\$78,907	100.0%
TOTAL	333,972	100.0%	\$26,350,579,769	\$78,901	100.0%

Mitigation Feature	Percent of Units Units		Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown	687,595	58.6%	\$12,347,527,912	\$17,958	42.2%
1994 or Earlier	222,364	18.9%	\$7,427,731,481	\$33,403	25.4%
1995-2001	86,836	7.4%	\$2,953,075,265	\$34,007	10.1%
2002-2011	127,558	10.9%	\$4,932,581,709	\$38,669	16.8%
2012 or Later	49,708	4.2%	\$1,626,712,314	\$32,725	5.6%
TOTAL	1,174,061	100.0%	\$29,287,628,681	\$24,946	100.0%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	1,168,128	99.5%	\$28,798,797,346	\$24,654	98.3%
Credit is Given to Policyholder	5,933	0.5%	\$488,831,335	\$82,392	1.7%
TOTAL	1,174,061	100.0%	\$29,287,628,681	\$24,946	100.0%
ROOF SHAPE					
Hip, Mansard, or Pyramid	14,917	1.3%	\$1,038,225,488	\$69,600	3.5%
Gable, Other, or Unknown	1,159,144	98.7%	\$28,249,403,194	\$24,371	96.5%
TOTAL	1,174,061	100.0%	\$29,287,628,681	\$24,946	100.0%

Tenants Totals By Mitigation Features

Condominium Unit Owners Totals By Mitigation Features

Mitigation Feature	Percent of Units Units		Primary Exposure	Average Exposure	Percent of Exposure	
YEAR BUILT						
Unknown	5,046	0.6%	\$404,245,111	\$80,112	0.4%	
1994 or Earlier	574,553	66.8%	\$54,006,265,345	\$93,997	54.1%	
1995-2001	91,051	10.6%	\$14,072,128,642	\$154,552	14.1%	
2002-2011	170,469	19.8%	\$27,475,832,872	\$161,178	27.5%	
2012 or Later	18,476	2.1%	\$3,882,117,677	\$210,117	3.9%	
TOTAL	859,595	100.0%	\$99,840,589,647	\$116,148	100.0%	
STRUCTURE OPENING PROTECTION						
No Credit is Given to Policyholder	740,089	86.1%	\$72,176,755,489	\$97,524	72.3%	
Credit is Given to Policyholder	119,506	13.9%	\$27,663,834,157	\$231,485	27.7%	
TOTAL	859,595	100.0%	\$99,840,589,647	\$116,148	100.0%	
ROOF SHAPE						
Hip, Mansard, or Pyramid	113,568	13.2%	\$15,189,560,354	\$133,749	15.2%	
Gable, Other, or Unknown	746,027	86.8%	\$84,651,029,292	\$113,469	84.8%	
TOTAL	859,595	100.0%	\$99,840,589,647	\$116,148	100.0%	

IV

Florida Hurricane Catastrophe Fund 2018 Calculation of Layer of Coverage Using 6/30/2017 FHCF Premium and Exposure Data as of 10/25/2017

Type of Business	Coverage Option	Total Insured Risks	Total Exposure	Gross FHCF Premium	Net FHCF Premium	Net FHCF Prem at 100%
Section I						
1	45%	157,564	100,921,624,201	51,814,010	52,044,722	115,654,938
1	75%	15	6,132,500	5,813	7,396	9,862
1	90%	52,483	52,009,501,275	47,688,039	41,506,532	46,118,369
2	45%	1,065,145	523,989,041,268	165,681,434	161,241,400	358,314,223
2	75%	247,565	107,789,252,585	65,187,129	59,469,271	79,292,361
2	90%	3,097,112	1,241,974,238,650	699,341,986	691,034,081	767,815,645
3	45%	8,360	385,963,805	434,633	434,633	965,852
3	75%	0	0	0	0	0
3	90%	325,612	25,964,615,964	42,980,964	42,980,964	47,756,627
4	45%	367,707	8,629,322,154	1,431,286	1,422,260	3,160,579
4	75%	4,913	140,526,309	60,012	58,170	77,560
4	90%	694,699	18,601,767,910	7,695,592	7,668,848	8,520,942
6	45%	113,868	17,011,387,823	6,962,642	6,089,366	13,531,925
6	75%	85,034	6,589,281,383	4,843,343	6,040,921	8,054,561
6	90%	647,349	72,863,668,788	59,343,515	58,451,737	64,946,375
Section II						
1	45%		0	0	0	0
1	75%		0	0	0	0
1	90%		0	0	0	0
Section I To						
1	xx	210,062	152,937,257,976	99,507,863	93,558,651	161,783,169
2	xx	4,409,822	1,873,752,532,503	930,210,548	911,744,752	1,205,422,229
3	xx	333,972	26,350,579,769	43,415,597	43,415,597	48,722,478
4	xx	1,067,319	27,371,616,373	9,186,890	9,149,278	11,759,081
6	xx	846,251	96,464,337,994	71,149,500	70,582,024	86,532,861
xx	45%	1,712,644	650,937,339,251	226,324,005	221,232,382	491,627,517
xx	75%	337,527	114,525,192,777	70,096,297	65,575,758	87,434,344
xx	90%	4,817,255	1,411,413,792,587	857,050,096	841,642,162	935,157,958
Section I To	otal	6,867,426	2,176,876,324,615	1,153,470,398	1,128,450,302	1,514,219,818
Section II T	otal*	0	0	0	0	0
Grand Tota		6,867,426 Section II exposure in 200	2,176,876,324,615	1,153,470,398	1,128,450,302	1,514,219,818
		age Multiples - Sec			For	Exh II Ratemaking
-	•	Risks	Exposure			Premium
1	Commercial	0.56245	0.60304			0.57830
2	Residential	0.78289	0.76553			0.75637
3	Mobile Home	0.88874	0.89341			0.89108
4	Tenants	0.74428	0.75736			0.77806
6	Condos	0.82438	0.81040			0.81567
	Total	0.78040	0.75755			0.74524
Weighted A	verage Cover	age Multiple - Sect	tions I and II			
	Total	0.78040	0.75755		I	0.74524

Florida Hurricane Catastrophe Fund 2018 Calculation of Layer of Coverage Using 6/30/2017 FHCF Premium and Exposure Data as of 10/25/2017

1. Calculate Section I and II Retention

Historical Exposure

Data as of 10/25/2017 Data Total 2004 Total 1,320,642,494,807 - 1,320,642,494,807 2016 Total 2,129,306,847,394 - 2,129,306,847,394 2016 Total 2,129,306,847,394 - 2,129,306,847,394 2017 Base FHCF Retention 67,89,856,981 119 2018 7,255,469,100 Change 2017 to 2018 149(14)(14)(14) 2018 Retention Actual Lased on premiums paid) 7,255,469,100 Change 2017 to 2018 149(14)(14)(14) 2017 Note: 1,514,219,818 100,000% 281 149(14)(14)(14) 2017 Note: Allocate Retention to Section I 1,514,219,818 100,000% 281 1281 2017 Note: Allocate Retention based on full coverage premium for weighting) 1,514,219,818 100,000% 281 281 2018 Selected Retention (using full coverage FHCF premium for weighting) 7,255,000,000 100,000% 281 281 2018 Selected Retention (using full coverage FHCF premium for weighting) 526,600,000,000		notoriou Expodure				Est	imate of Missing		
Growth in exposure, 2004 to 2016 61.233% [1a] Base FHCF Retention 4.500,000,000 [1b] 2017 Retention (Actual, based on premiums paid) 6.789,955,981 Change 2017 to 2018 [1c]+(1+(1+)a)p(1b) 2018 Selected Retention 7.255,469,100 Change 2017 to 2018 [1c]+(1+(1+)a)p(1b) 2017 Net Full Coverage FHCF Premium (ie at 100%) Section 1 1.514,219,818 100.000% [2a] 2017 Net Full Coverage FHCF Premium (ie at 100%) Section 1 1.514,219,818 100.000% [2a] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 2018 [2a]+(2a)+(2a) 2018 Selected Retention (using full coverage FHCF premium for weighting) 7.255,000,000 100.000% [2a] Section 1 7.255,000,000 100.000% [2a] [2a]+(2a) Otal 7.255,000,000 100.000% [2a] Section 1 7.255,000,000 100.000% [2a] Total 7.255,000,000 100.000% [2a] Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 [3a] [3a] Dollar growth in cash balance over prior calendar year [2a] [2a] [2a] Cash Balance @ 12/31/2017 \$ 13,800,000,000 [3a] Ext Cash Ba		2004	Total				Data -		
Base FHCF Retention 4500.000.000 [ti] 2017 Retention 6,789,565,981 Change 2017 to 2018 [ti] 2018 Selected Retention 7,255,680,000 Change 2017 to 2018 [ti] 2017 Net Full Coverage FHCF Premium (ie at 100%) Section I 7,255,600,000 [2a] 2017 Net Full Coverage FHCF Premium (ie at 100%) Section II 1,514,219,818 100.000% [2a] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 2018 Selected Retention (using full coverage premium, which is the best indicator of expected ground-up losses 2018 [2a] [2a] 2018 Selected Retention (using full coverage FHCF Premium for weighting) Section II 7,255,000,000 100.000% [2a] Section II 7,255,000,000 100.000% [2a] [2a] [2b] Section II <td< td=""><td></td><td>2016</td><td>Total</td><td></td><td>2,129,306,847,394</td><td></td><td>-</td><td>2,129,306,847,394</td><td></td></td<>		2016	Total		2,129,306,847,394		-	2,129,306,847,394	
Base FHCF Retention 4,500,000,000 [19] 2017 Retention 6,789,565,981 Charge 2017 to 2018 [19] 2018 Selected Retention 7,255,499,100 Charge 2017 to 2018 [19] 2017 Net Full Coverage FHCF Premium (ie at 100%) Section I 7,255,000,000 [29] [20] 2017 Net Full Coverage FHCF Premium (ie at 100%) Section II 1,514,219,818 100,000% [29] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 2018 Selected Retention (using full coverage premium, which is the best indicator of expected ground-up losses 2019 [29] 2018 Selected Retention (using full coverage FHCF Premium for weighting) Section II 7,255,000,000 100,000% [29] Section II 7,255,000,000 100,000% [29] [29] [29] 3 Section II 7,255,000,000 100,000% [29] [29] [29] 3 Section II 7,255,000,000 100,000% [29] [29] [29] [29] [29] [29] [29] [29] [29] [29] [29] [
2017 Retention (Actual, based on premiums paid) 6, 789, 565, 981 Change 2017 to 2018 (trd=(1+1)(a))(1b) 2018 Selected Retention 7, 255, 469, 100 6, 86% (trd=(1+1)(a))(1b) 2018 Selected Retention 7, 255, 000,000 6, 86% (trd=(1+1)(a))(1b) 2017 Net Full Coverage FHCF Premium (ie at 100%) 1, 514, 219, 818 100,000% [za] 2018 Selected Retention based on full coverage premium, which is the best indicator of expected ground-up losses 0,000% [za] 2018 Selected Retention (using full coverage FHCF premium for weighting) 7,255,000,000 100,000% [za] 2018 Selected Retention (using full coverage FHCF premium for weighting) Section 1 7,255,000,000 100,000% [za] 2018 Selected Retention (using full coverage FHCF premium for weighting) Section 1 7,255,000,000 100,000% [za] 2018 Selected Retention (using full coverage FHCF premium for weighting) Section 1 7,255,000,000 100,000% [za] 2018 Selected Retention (using full coverage for full for the start of th									
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2017 Net Full Coverage FHCF Premium (ie at 100%) Section I 1,514,219,818 100.000% [2a] Section II - 0.000% [2b] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 100.000% [2c]=[2a]+[2b] 2018 Selected Retention (using full coverage FHCF premium for weighting) Section I 7,255,000,000 100.000% [2d] Section II - 0,000% [2d] Total 7,255,000,000 100.000% [2d]=(2a)+[2e] Section II - 0,000% [2d] Total 7,255,000,000 100.000% [2d]=(2a)+[2e] Section II - 0,000% [2d]=(2a)+[2e] Total 7,255,000,000 100.000% [2d]=(2a)+[2e] Section II - 0,000% [2d]=(2a)+[2e] Source: Raymond James: FHCF Estimated Claims Paying Capacity Average \$26,600,000,000 [3a] Dollar growth in cash balance over prior calendar year \$26,600,000,000 [3b] Est Cash Balance @12/31/2017 \$13,800,000,000 [3b] [3c] Change in Cash Balance \$ (900,000,000) [3d]=[3g] prior year] <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
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Section I 1,514,219,818 100.000% [2a] Section II 1,514,219,818 0.000% [2b] Total 1,514,219,818 100.000% [2c] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 100.000% [2c] 2018 Selected Retention (using full coverage FHCF premium for weighting) 7,255,000,000 100.000% [2d] Section II 7,255,000,000 100.000% [2d] [2e] Total 7,255,000,000 100.000% [2d] Section II 7,255,000,000 [2d] [2d] Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 [3d] [3d] Dollar growth in cash balance over prior calendar year [3d]		2017 Net Full Coverage FHCF Premium (ie at 100%)							
Total 1,514,219,818 100.000% [2c]=(2a)+(2b] Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses 100.000% [2c]=(2a)+(2b] 2018 Selected Retention (using full coverage FHCF premium for weighting) Section I 7,255,000,000 100.000% [2d] Section II 7,255,000,000 0.0000% [2d] Total 7,255,000,000 100.000% [2d] Section II 7,255,000,000 [2d] [2d] Section II 7,255,000,000 [2d] [2d] Section II 7,255,000,000 [3d] [3d] Dollar growth in cash balance over prior calendar year [3d] [3d] [3d] Cash Balance @ 12/31/2016 \$ 13,800,000,000 [3d] [3d] [3d] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3d] [3d] [3d] <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>1,514,219,818</td><td></td><td>[2a]</td></td<>							1,514,219,818		[2a]
Note: Allocate Retention based on full coverage premium, which is the best indicator of expected ground-up losses Interview of the section o							-		
2018 Selected Retention (using full coverage FHCF premium for weighting) Section I Total 7,255,000,000 100.000% (2d) 0.000% [2d] [2e] 3. Calculate FHCF Limit Stimated Claims Paying Capacity Average Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct 26, 2017 Page 15 [3a] Dollar growth in cash balance over prior calendar year Cash Balance @ 12/31/2016 \$ 13,800,000,000 [3b] Dollar growth in cash balance over prior calendar year Cash Balance @ 12/31/2017 \$ 13,800,000,000 [3b] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3d]=[3g prior year] [3f]=17Billion +.5"(max(3a-\$34 billion		Note: Allocate Retention based on full coverage pre		est indic	ator of expected aro	und		100.000%	[2c]=[2a]+[2b]
Section I 7,255,000,000 100.000% [2d] Section II - 0.000% [2e] Total 7,255,000,000 100.000% [2d] 3. Calculate FHCF Limit 7,255,000,000 100.000% [2d] 3. Calculate FHCF Limit 7,255,000,000 100.000% [2d] 3. Calculate FHCF Limit 7,255,000,000 100.000% [2d] Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 [3a] [3b] Dollar growth in cash balance over prior calendar year \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3d]=[3c]-[3b] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3d]=[3d]=for year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3d]=17Billion + .5"(max(3a-\$34 billior		Note. Allocate Retention based on full coverage pre			alor of expected gro	unu-u	100000		
Section II Total 0.000% 7,255,000,000 12e] 100.000% 12e] [2f]=12d]+[2e] 3. Calculate FHCF Limit 5		2018 Selected Retention (using full coverage FHCF pr		I)					
Total7,255,000,000100.000%[2f]=[2d]+[2e]3. Calculate FHCF Limit </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7,255,000,000</td> <td></td> <td></td>							7,255,000,000		
3. Calculate FHCF Limit Estimated Claims Paying Capacity Average \$26,600,000,000 [3a] Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 [3a] Dollar growth in cash balance over prior calendar year [3b] Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3d]=[3c]-[3b] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion +.5"(max(3a-\$34 billior							-		
Estimated Claims Paying Capacity Average \$26,600,000,000 [3a] Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 [3b] Dollar growth in cash balance over prior calendar year [3b] Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3d]=[3c]-[3b] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5"(max(3a-\$34 billior			Total				7,233,000,000	100.000 /8	
Source: Raymond James: FHCF Estimated Claims Paying Capacity, Oct. 26, 2017 Page 15 Dollar growth in cash balance over prior calendar year Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3c] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5"(max(3a-\$34 billior	3	. Calculate FHCF Limit							
Dollar growth in cash balance over prior calendar year [3b] Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3c] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion +.5*(max(3a-\$34 billior		Estimated Claims Paying Capacity Average				\$2	26,600,000,000		[3a]
Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3c] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior		Source: Raymond James: FHCF Estimated Claims	Paying Capacity, C	Oct. 26, 2	2017 Page 15				
Cash Balance @12/31/2016 \$ 13,800,000,000 [3b] Est Cash Balance @ 12/31/2017 \$ 12,900,000,000 [3c] Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior	D	ollar growth in cash balance over prior calendar vear							
Change in Cash Balance \$ (900,000,000) [3d]=[3c]-[3b] 2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior				\$	13,800,000,000				[3b]
2017 Statutory Maximum Coverage Limit 17,000,000,000 [3e]=[3g prior year] 2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior		Est Cash Balance @ 12/31/2017		\$	12,900,000,000				[3c}
2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior		Change in Cash Balance	e	\$	(900,000,000)				[3d]=[3c]-[3b]
2018 Statutory Coverage Limit Prior to Change in Cash Balance Limit 17,000,000,000 [3f]=17Billion + .5*(max(3a-\$34 billior		2017 Statutory Maximum Coverage Limit					17.000.000.000		[3e]=[3g prior year]
			h Balance Limit						
						\$	17,000,000,000	0.00%	[3g]=[3e]+min([3f]-[3e],max([3d],0))

Florida Hurricane Catastrophe Fund 2018 Calculation of Layer of Coverage Using 6/30/2017 FHCF Premium and Exposure Data as of 10/25/2017

4. Allocate Limit to Sections I and II

Total FHCF Capacity		17,000,000,000		[4a]
	Pure Loss	16,190,476,190		[4b] = [4a]/1.05
	Loss Adjustment Expenses	809,523,810		[4c] = [4a] - [4b]
Actual Coverage FHCF Premium				
	Section I	1,128,450,302	100.000%	[4d]
	Section II	-	0.000%	[4e]
	Total	1,128,450,302	100.000%	[4f]=[4d]+[4e]

Note: Allocate Limit based on actual premium, which is the best indicator of expected FHCF losses.

Sections I and II Limit Allocations

	Pure loss	LAE	Total
Section I	16,190,476,190	809,523,810	17,000,000,000
Section II	-	-	-
Total	16,190,476,190	809,523,810	17,000,000,000

5. FHCF Layer Structure for Sections I and II

. FHCF Layer Structure for Sections I and II							
		Based on	Based on				
Section I		2017 Selections	2018 Selections				
	Retention	7,255,000,000	7,255,000,000	[5a] = [2d]			
	Pure Loss Limit Available	16,190,476,190	16,190,476,190	[5b] from Part 3			
	Total Limit Available	17,000,000,000	17,000,000,000	[5c] from Part 3			
	Wtd Average Coverage	74.524%	73.121%	[5d]			
	Top of Loss Layer	28,980,316,447	29,397,054,671	[5e]=[5a]+[5b]/[5d]			
	Layer used for modeled losses:						
	(Modeled losses are Section I losses only, no LAE)						
Sections I and II		2017 Selections	2018 Selections				
	Retention	7,255,000,000	7,255,000,000	[5f] = [2f]			
	Pure Loss Limit Available	16,190,476,190	16,190,476,190	[5g] from Part 3			
	Total Limit Available	17,000,000,000	17,000,000,000	[5h] from Part 3			
	Wtd Average Coverage	74.524%	73.121%	[5i]			
	Top of Loss Layer	28,980,316,447	29,397,054,671	[5j]=[5f]+[5g]/[5i]			
	Layer used for FHCF publications:						
	Loss only:	73.121% of \$22,142,054	,671 xs \$7,255,000,000				
	Loss + LAE:	73.121% of \$23,249,157	,404 xs \$7,255,000,000				
	-						

V

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Modeled Adjusted Loss Severity Distributions

Summary

	Size of Event(s)	Probability	Return Time (Years)	5 Year Probability	10 Year Probability
Single Event					
Attach industry retention	\$7,255,000,000	10.13%	9.9	41.37%	65.62%
Attach FHCF Projected Reinsurance	\$10,500,000,000	3.31%	30.2	15.49%	28.59%
Exhaust FHCF Projected Reinsurance	\$11,500,000,000	3.06%	32.7	14.40%	26.72%
ExhaustFHCF Projected Cash Balance and Reinsurance	\$15,107,730,292	2.34%	42.7	11.19%	21.12%
Exhaust FHCF Projected Cash Balance, Reins. and Pre-Event Notes	\$17,000,000,000	2.03%	49.2	9.76%	18.57%
Exhaust Estimated Claims Paying Capacity	\$17,000,000,000	2.03%	49.2	9.76%	18.57%
Exhaust FHCF limit	\$17,000,000,000	2.03%	49.2	9.76%	18.57%
Annual Aggregate					
Attach FHCF Projected Reinsurance	\$10,500,000,000	3.39%	29.5	15.83%	29.15%
Exhaust FHCF Projected Reinsurance	\$11,500,000,000	3.14%	31.9	14.74%	27.31%
ExhaustFHCF Projected Cash Balance and Reinsurance	\$15,107,730,292	2.41%	41.5	11.49%	21.66%
Exhaust FHCF Projected Cash Balance, Reins. and Pre-Event Notes	\$17,000,000,000	2.10%	47.6	10.07%	19.12%
Exhaust Estimated Claims Paying Capacity	\$17,000,000,000	2.10%	47.6	10.07%	19.12%
Exhaust FHCF limit	\$17,000,000,000	2.10%	47.6	10.07%	19.12%

Expected Annual Losses

Adjusted Gross losses at 100% coverage

\$3,173,998,069

Loss to Mandatory FHCF layer, at actual coverage

Loss only	\$750,246,401
Loss + LAE	\$787,758,722

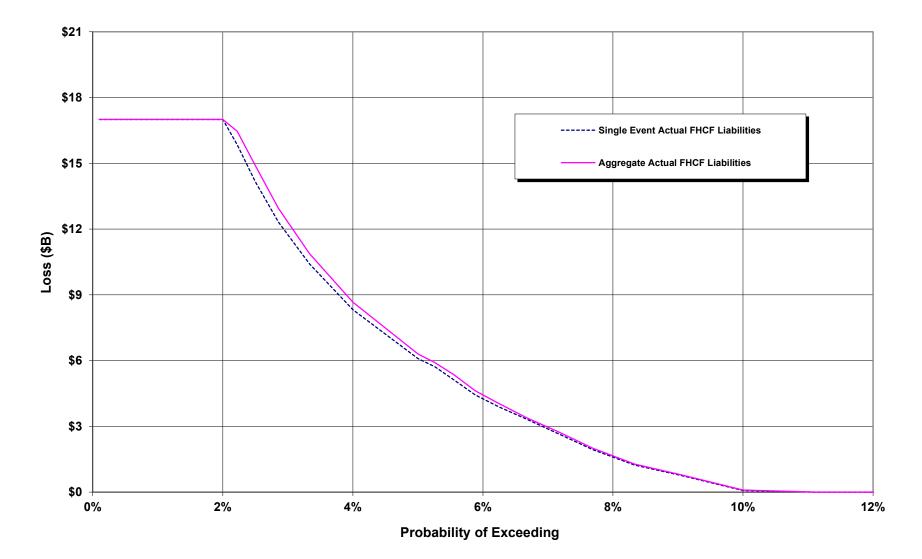
Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Modeled Adjusted Loss Severity Distributions

			Traditional FH	CF Only Layer		
Return Time	Probability of Exceedance	Uniform Weighted Section I Gross Per Event (100% Coverage, no LAE)	FHCF Layer Weighted Section I Gross Per Event (100% Coverage, no LAE)	Section I Excess Retention Aggregate (100% Coverage, no LAE)	Single Event Actual Liabilities	Aggregate Actual Liabilities
4000	0.0040	A			A 17 000 000 000	A 17 AAA AAA AAA
1000	0.0010	\$112,340,226,723	\$115,846,166,395	\$110,745,000,000	\$17,000,000,000	\$17,000,000,000
900	0.0011	\$109,023,874,150	\$111,000,000,000	\$105,850,065,096	\$17,000,000,000	\$17,000,000,000
800	0.0013	\$105,247,629,820	\$107,920,306,266	\$102,650,246,154	\$17,000,000,000	\$17,000,000,000
700 600	0.0014 0.0017	\$100,376,617,794	\$102,185,826,084	\$97,745,000,000	\$17,000,000,000	\$17,000,000,000 \$17,000,000,000
500		\$97,614,873,792	\$98,892,541,457	\$91,637,541,457	\$17,000,000,000	\$17,000,000,000
500 400	0.0020 0.0025	\$91,657,659,393 \$84,571,816,255	\$91,941,993,832 \$84,100,000,000	\$86,591,101,185	\$17,000,000,000 \$17,000,000,000	\$17,000,000,000
400 300	0.0025	\$64,571,810,255 \$75,769,830,281		\$78,545,000,000		\$17,000,000,000
300 250	0.0033	\$70,954,009,827	\$73,911,552,428 \$67,983,016,674	\$68,345,000,000 \$62,501,757,592	\$17,000,000,000 \$17,000,000,000	\$17,000,000,000
250	0.0040	\$64,466,283,949	\$62,288,210,413	\$55,971,918,972	\$17,000,000,000	\$17,000,000,000
200 150	0.0050	\$57,398,742,727	\$54,441,496,961	\$48,592,761,390	\$17,000,000,000	\$17,000,000,000
150	0.0067					\$17,000,000,000
90		\$47,500,000,000	\$44,454,023,664 \$41,876,734,747	\$38,316,408,662 \$35,545,000,000	\$17,000,000,000	\$17,000,000,000
90 80	0.0111 0.0125	\$44,600,000,000 \$41,700,000,000	\$41,876,734,747	\$35,545,000,000	\$17,000,000,000 \$17,000,000,000	\$17,000,000,000
80 70			\$39,592,195,188	\$33,181,809,681		\$17,000,000,000
70 65	0.0143 0.0154	\$38,767,777,576 \$37,064,938,331	\$36,486,227,217	\$30,045,000,000 \$28,675,380,053	\$17,000,000,000 \$17,000,000,000	\$17,000,000,000
60	0.0154		\$35,261,955,707 \$33,500,000,000		\$17,000,000,000	\$17,000,000,000
60 55	0.0187	\$35,608,031,259 \$33,659,912,130	\$33,500,000,000	\$27,006,842,174 \$25,096,270,749	\$17,000,000,000	\$17,000,000,000
50	0.0182	\$31,749,422,284	\$29,659,188,332	\$23,045,000,000	\$17,000,000,000	\$17,000,000,000
50 45	0.0200		\$29,059,188,552	\$23,043,000,000 \$21,033,545,992	\$15,850,657,683	\$16,458,691,533
45 40	0.0222	\$29,443,848,395				
		\$27,210,163,064	\$25,703,849,309	\$19,045,000,000	\$14,164,514,170	\$14,902,659,797
35 30	0.0286 0.0333	\$24,795,706,318	\$23,300,000,000	\$16,545,000,000	\$12,318,905,426	\$12,946,416,715 \$10,879,191,703
30 25		\$22,100,000,000	\$20,813,698,967	\$13,903,169,555	\$10,409,992,538	
25 20	0.0400 0.0500	\$19,137,562,453	\$18,100,000,000	\$11,078,659,454	\$8,326,489,831	\$8,669,020,365
		\$16,000,000,000	\$15,200,000,000	\$8,066,444,542	\$6,099,950,365	\$6,311,970,532
19 18	0.0526 0.0556	\$15,252,290,888	\$14,700,000,000	\$7,545,000,000	\$5,716,064,250	\$5,903,941,621
18	0.0556	\$14,580,381,468	\$13,920,611,777	\$6,836,256,503	\$5,117,671,617 \$4,429,484,729	\$5,349,351,795 \$4,621,143,220
16	0.0588	\$13,800,000,000 \$12,966,094,741	\$13,024,269,267 \$12,316,761,845	\$5,905,635,223 \$5,161,388,144	\$4,429,484,729	\$4,038,771,940
15	0.0625	\$12,188,523,298	\$12,316,761,845	\$5,161,388,144 \$4,345,000,000	\$3,886,280,178	\$3,399,950,476
14 13	0.0714 0.0769	\$11,330,685,137	\$10,758,604,786	\$3,545,000,000	\$2,689,970,458	\$2,773,952,690 \$1,999,280,430
13	0.0789	\$10,430,284,731	\$9,780,569,467	\$2,555,000,000	\$1,939,062,101	
12	0.0833	\$9,507,626,158 \$8,615,590,072	\$8,860,539,655	\$1,630,508,436 \$975,000,000	\$1,232,688,761 \$733,222,479	\$1,275,868,339 \$762,934,802
10	0.0909	\$7,700,000,000	\$8,210,000,000 \$7,350,000,000	\$120,705,568	\$72,938,362	\$94,451,773
9	0.1111	\$6,718,599,423	\$6,520,000,000	\$120,703,508	\$72,950,502	
9 8	0.1250	\$5,797,319,976	\$5,700,000,000	\$0 \$0	\$0 \$0	\$0 \$0
8 7	0.1250	\$5,797,319,978	\$5,700,000,000 \$4,845,632,304	\$0 \$0	\$0 \$0	\$0 \$0
6	0.1429	\$3,633,444,183	\$4,845,832,304 \$3,707,837,094	\$0 \$0	\$0 \$0	\$0 \$0
6 5	0.1007	\$3,633,444,183	\$2,513,270,243	\$0 \$0	\$0 \$0	\$0 \$0
5 4	0.2000	\$2,473,927,409 \$1,420,000,000	\$2,513,270,243 \$1,516,626,320	\$0 \$0	\$0 \$0	\$0 \$0
4 3	0.2500			\$0 \$0	\$0 \$0	\$0 \$0
3	0.3333	\$518,898,021	\$567,000,000	\$0	\$0	\$0

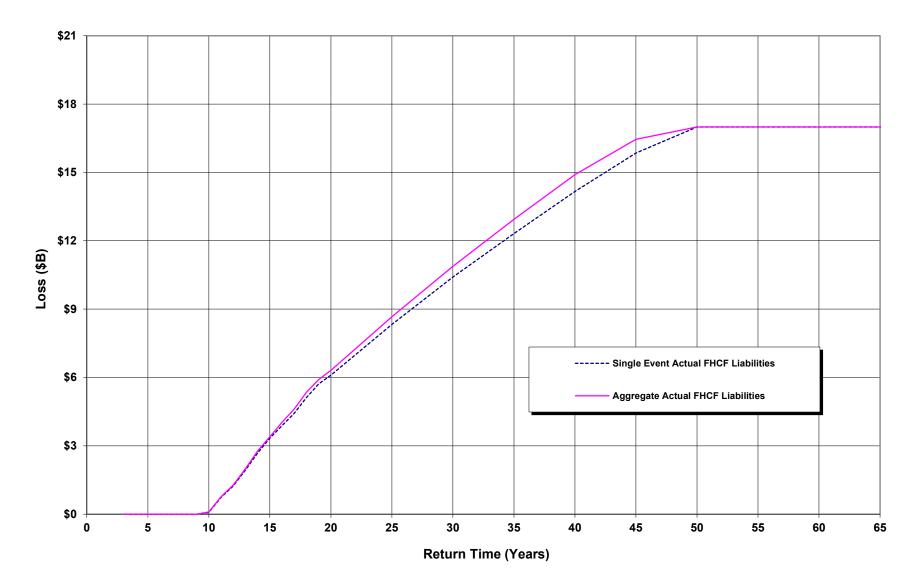
Notes:

Aggregate FHCF Liabilities include Sections I, II and LAE, and are at weighted average coverage. 2018 severity distributions based on AIR, EQE, RMS, ARA and FPM models.

2018 Projected FHCF Liabilities



2018 Projected FHCF Liabilities



VI

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Allocation of Excess Losses to Type of Business at Coverage Level

(1)	Coverage Selection by Type of Business	Evaluated 10/25/2017	Residential 75.637%	Tenants 77.806%	Condos 81.567%	Mobile Home 89.108%	Commercial 57.830%	Total 74.524%
(2)	Coverage Selection by Type of Business	3/01/2018	73.691%	77.879%	80.078%	88.767%	60.105%	73.121%
(3)	Allocation of XS Loss Using 100% Adjusted Gross Losses		79.87%	0.70%	6.06%	3.29%	10.08%	100.00%
(4)	Allocation of XS Loss at Coverage Level (2) x (3)		58.86%	0.54%	4.85%	2.92%	6.06%	73.12%
(5)	Allocation of XS Loss at Cov. Level to Type of Business (4)/Total(4)		80.50%	0.74%	6.64%	3.99%	8.29%	100.15%
(6)	Balance Adjustment to Allocation (5)/Total (5)		80.37%	0.74%	6.63%	3.99%	8.27%	100.00%
(7)	Selected Allocation of XS Loss at Coverage Level for Ratemaking		80.48%	0.79%	6.56%	3.90%	8.27%	100.00%
(8)	Rate Change by Type of Business		-4.94%	-10.01%	-0.39%	-0.45%	-1.91%	-4.40%

VII

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Law and Ordinance Adjustment Factors

FHCF Premium as a Percentage of Base Premium

Distribution of Premium	Expenses	Liability	Non-hurr. Property	Hurricane Outside FHCF Layer	Hurricane Within FHCF Layer [*]	Total
Commercial Habitational	30%	10%	10%	33%	17%	100%
Residential	30%	10%	10%	33%	17%	100%
Mobile Home	30%	10%	10%	33%	17%	100%
Tenants	30%	10%	10%	33%	17%	100%
Condo-Owners	30%	10%	10%	33%	17%	100%

% of Law and Ordinance Premium Applicable to FHCF Layer

	Expenses	Liability	Non-hurr. Property	Hurricane Outside FHCF Layer	Hurricane Within FHCF Layer [**]	Total
Commercial Habitational	0%	0%	10%	60%	30%	100%
Residential	0%	0%	10%	60%	30%	100%
Mobile Home	0%	0%	10%	60%	30%	100%
Tenants	0%	0%	10%	60%	30%	100%
Condo-Owners	0%	0%	10%	60%	30%	100%

Selections for 2018 Ratemaking

Type of Business	% of Base Premium for Law and Ordinance Coverage [1] Insurer Survey	% of Law and Ordinance Premium Applicable to FHCF Layer [2] = [**]	FHCF Premium as a Percentage of Base Premium [3] = [*]	Law and Ordinance Premium as a Percentage of Base Premium [4] = [1] x [2]/[3]	Percent of Policies with Coverage [5] Insurer Survey	Implied Law and Ordinance Adjustment Factors [6] = [4] x [5]	Selected Law and Ordinance Adjustment Factors [7]
Commercial Habitational	6.50%	30.00%	16.67%	11.70%	5%	0.59%	0.00%
Residential	3.00%	30.00%	16.67%	5.40%	95%	5.13%	4.86%
Mobile Home	0.00%	30.00%	16.67%	0.00%	0%	0.00%	0.00%
Tenants	0.00%	30.00%	16.67%	0.00%	50%	0.00%	0.00%
Condo-Owners	0.00%	30.00%	16.67%	0.00%	65%	0.00%	0.00%

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Wind Deductible Adjustment Factor

Calculation of Loading Factor to Adjust Modeled Losses for the Impact of Aggregate Wind Deductibles

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Tumo of Business	Per Event Deductibles	Annual Wind Deductible + AOP Deductible	Ratio	Implied	Take-up Rate	2018 Adjusted Load	2017 Adjusted	2017/2018 Weighted	2018 Selected
Type of Business				Load			Load	Load	Load
Commercial Residential	345,445,255	346,898,664	1.00421	0.421%	50%	0.210%	0.232%	0.217%	0.220%
Residential	2,678,703,521	2,691,314,501	1.00471	0.471%	100%	0.471%	0.477%	0.473%	0.470%
Mobile Home	156,907,228	157,619,205	1.00454	0.454%	100%	0.454%	0.443%	0.450%	0.450%
Tenants	33,874,708	33,892,347	1.00052	0.052%	100%	0.052%	0.059%	0.054%	0.050%
Condo	217,898,793	218,174,044	1.00126	0.126%	100%	0.126%	0.132%	0.128%	0.130%
Total	3,432,829,505	3,447,898,760	1.00439						

Notes:

AIR Deliverable 2 is per event, AIR Deliverable 5 is aggregate (1) Based on AIR study (Deliverable 2) completed in 2018 (2) Based on AIR study (Deliverable 5) completed in 2018 (3) = (2) / (1) (4) = (3) - 1 (5) Judgmentally Selected (6) = (4) * (5) (7) Indication in 2017 (8) = (6)*2/3+(7)*1/3

VIII

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report AIR and RMS 2018 Retention Limit Analyses: Adjustment to Expected FHCF Layer Losses Coverage Selections as of 3/01/2017

		RMS Adjusted Aggregate Run	AIR Adjusted Aggregate Run	Average RMS AIR Adjusted Aggregate Runs	RMS/WTD	AIR/WTD	AVE/WTD	
1 Wtd Ave. Expected Gross Loss Adjusted	2018 (WTD) 3,173,998,069	3,173,998,069	3,173,984,027	3,173,991,048	100.000%	100.000%	100.000%	2018 Ex. 2 (7)
2 Expected FHCF Wtd Ave.Aggregate Layer Loss and LAE at Coverage Level	787,758,722	758,007,436	757,801,372	757,904,404	96.223%	96.197%	96.210%	2018 Ex. 2 (10)
2a Expected FHCF RMS Aggregate Layer Loss and LAE at Coverage Level Using Company Limits, Retentions		773,604,488	744,657,176	759,130,832				
3 Model Adjustment Factor		1.020576384	0.982654827	1.001618183				(2a)/(2)
4 Indicated Adjustment Factor		2.058%	-1.735%	0.1618%	(3)-1.00			Weights 67%
5 Prior Selected Factor (2017)				0.5724%				33%
6 Current Year Selected Factor Weighted (2/3 Indicated , 1/3 Prior)				0.2987%				2018 Ex. 2 (15)

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Retention and Limit Adjustment Factor Calculation History

Year	Indicated	Selected	Modeler Data
2013	-1.9000%	-0.7347%	ARA
2014	0.3103%	-0.0371%	RMS
2015	0.3103%	-0.0371%	RMS (prior year , no update)
2016	0.0298%	0.0075%	AIR, RMS run by Paragon
2017	0.8549%	0.5724%	AIR, RMS run by Paragon
2018	0.1618%	0.2987%	AIR, RMS run by Paragon

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Average (AIR,RMS) Modeled Adjusted Loss Severity Distributions Coverage Selections Data as of 03/01/2018

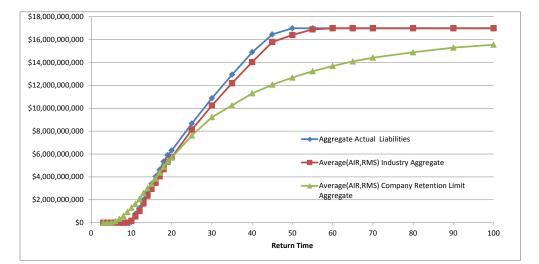
					-				
					Traditional FHC	CF Only Layer			
		Uniform Weighted	FHCF Layer Weighted Section I	Section Excess			FHCF Layer adj Average		
		Section I Gross	Gross	Retention Aggregate			(AIR,RMS) Section I Gross		Average(AIR,RMS)
	Probability of	Per Event (100%	Per Event (100%	(100% Coverage, no	Single Event Actual	Aggregate Actual	Annual (100% Coverage,	Average(AIR,RMS)	Company Retention
Return Time	Exceedance	Coverage, no LAE)	Coverage, no LAE)	LAE)	Liabilities	Liabilities	no LAE)	Industry Aggregate	Limit Aggregate
1000	0.0010	\$112,340,226,723	\$115,846,166,395	\$110,745,000,000	\$17,000,000,000	\$17,000,000,000	130,490,114,905	17,000,000,000	16,993,739,509
900	0.0011	\$109,023,874,150	\$111,000,000,000	\$105,850,065,096	\$17,000,000,000	\$17,000,000,000	126,966,912,208	17,000,000,000	16,990,799,017
800	0.0013	\$105,247,629,820	\$107,920,306,266	\$102,650,246,154	\$17,000,000,000	\$17,000,000,000	119,527,426,108	17,000,000,000	16,987,206,796
700	0.0014	\$100,376,617,794	\$102,185,826,084	\$97,745,000,000	\$17,000,000,000	\$17,000,000,000	112,160,649,368	17,000,000,000	16,983,281,324
600	0.0017	\$97,614,873,792	\$98,892,541,457	\$91,637,541,457	\$17,000,000,000	\$17,000,000,000	108,083,998,752	17,000,000,000	16,971,422,665
500	0.0020	\$91,657,659,393	\$91,941,993,832	\$86,591,101,185	\$17,000,000,000	\$17,000,000,000	99,017,212,647	17,000,000,000	16,949,035,797
400	0.0025	\$84,571,816,255	\$84,100,000,000	\$78,545,000,000	\$17,000,000,000	\$17,000,000,000	90,678,290,106	17,000,000,000	16,905,267,542
300	0.0033	\$75,769,830,281	\$73,911,552,428	\$68,345,000,000	\$17,000,000,000	\$17,000,000,000	80,179,300,314	17,000,000,000	16,813,680,128
250	0.0040	\$70,954,009,827	\$67,983,016,674	\$62,501,757,592	\$17,000,000,000	\$17,000,000,000	74,412,573,367	17,000,000,000	16,737,497,254
200	0.0050	\$64,466,283,949	\$62,288,210,413	\$55,971,918,972	\$17,000,000,000	\$17,000,000,000	67,689,091,696	17,000,000,000	16,616,247,155
150	0.0067	\$57,398,742,727	\$54,441,496,961	\$48,592,761,390	\$17,000,000,000	\$17,000,000,000	58,649,995,402	17,000,000,000	16,312,930,864
100	0.0100	\$47,500,000,000	\$44,454,023,664	\$38,316,408,662	\$17,000,000,000	\$17,000,000,000	47,731,640,278	17,000,000,000	15,560,735,975
90	0.0111	\$44,600,000,000	\$41,876,734,747	\$35,545,000,000	\$17,000,000,000	\$17,000,000,000	45,076,978,457	17,000,000,000	15,308,676,272
80	0.0125	\$41,700,000,000	\$39,592,195,188	\$33,181,809,681	\$17,000,000,000	\$17,000,000,000	42,123,472,515	17,000,000,000	14,892,870,323
70	0.0143	\$38,767,777,576	\$36,486,227,217	\$30,045,000,000	\$17,000,000,000	\$17,000,000,000	38,846,700,181	17,000,000,000	14,425,733,243
65	0.0154	\$37,064,938,331	\$35,261,955,707	\$28,675,380,053	\$17,000,000,000	\$17,000,000,000	36,949,267,091	17,000,000,000	14,094,316,242
60	0.0167	\$35,608,031,259	\$33,500,000,000	\$27,006,842,174	\$17,000,000,000	\$17,000,000,000	35,339,176,052	17,000,000,000	13,699,476,181
55	0.0182	\$33,659,912,130	\$31,700,000,000	\$25,096,270,749	\$17,000,000,000	\$17,000,000,000	33,475,287,089	16,902,010,204	13,240,523,741
50	0.0200	\$31,749,422,284	\$29,659,188,332	\$23,045,000,000	\$17,000,000,000	\$17,000,000,000	31,628,378,308	16,405,093,718	12,688,983,882
45	0.0222	\$29,443,848,395	\$27,900,000,000	\$21,033,545,992	\$15,850,657,683	\$16,458,691,533	29,694,073,724	15,798,177,448	12,065,928,598
40	0.0250	\$27,210,163,064	\$25,703,849,309	\$19,045,000,000	\$14,164,514,170	\$14,902,659,797	27,191,086,898	14,043,275,014	11,309,538,650
35	0.0286	\$24,795,706,318	\$23,300,000,000	\$16,545,000,000	\$12,318,905,426	\$12,946,416,715	24,774,414,014	12,193,907,002	10,251,312,287
30	0.0333	\$22,100,000,000	\$20,813,698,967	\$13,903,169,555	\$10,409,992,538	\$10,879,191,703	22,071,927,288	10,234,196,685	9,224,748,882
25	0.0400	\$19,137,562,453	\$18,100,000,000	\$11,078,659,454	\$8,326,489,831	\$8,669,020,365	19,326,056,303	8,136,791,487	7,622,382,005
20	0.0500	\$16,000,000,000	\$15,200,000,000	\$8,066,444,542	\$6,099,950,365	\$6,311,970,532	16,191,608,728	5,710,041,261	5,690,245,103
19	0.0526	\$15,252,290,888	\$14,700,000,000	\$7,545,000,000	\$5,716,064,250	\$5,903,941,621	15,404,413,127	5,317,826,049	5,361,250,575
18	0.0556	\$14,580,381,468	\$13,920,611,777	\$6,836,256,503	\$5,117,671,617	\$5,349,351,795	14,608,145,632	4,674,442,388	4,879,157,731
17	0.0588	\$13,800,000,000	\$13,024,269,267	\$5,905,635,223	\$4,429,484,729	\$4,621,143,220	13,934,424,175	4,059,394,255	4,365,142,694
16	0.0625	\$12,966,094,741	\$12,316,761,845	\$5,161,388,144	\$3,886,280,178	\$4,038,771,940	12,996,169,359	3,483,816,234	3,848,553,538
15	0.0667	\$12,188,523,298	\$11,600,000,000	\$4,345,000,000	\$3,335,970,338	\$3,399,950,476	12,206,353,698	2,955,436,747	3,376,805,517
14	0.0714	\$11,330,685,137	\$10,758,604,786	\$3,545,000,000	\$2,689,970,458	\$2,773,952,690	11,392,701,590	2,353,465,741	3,010,464,808
13	0.0769	\$10,430,284,731	\$9,780,569,467	\$2,555,000,000	\$1,939,062,101	\$1,999,280,430	10,580,751,893	1,682,513,527	2,573,662,668
12	0.0833	\$9,507,626,158	\$8,860,539,655	\$1,630,508,436	\$1,232,688,761	\$1,275,868,339	9,658,479,441	1,017,666,140	2,064,456,005
11	0.0909	\$8,615,590,072	\$8,210,000,000	\$975,000,000	\$733,222,479	\$762,934,802	8,763,477,965	541,938,233	1,639,143,141
10	0.1000	\$7,700,000,000	\$7,350,000,000	\$120,705,568	\$72,938,362	\$94,451,773	7,936,864,199	157,781,066	1,310,907,688
9	0.1111	\$6,718,599,423	\$6,520,000,000	\$0	\$0	\$0	7,042,077,394	-	932,410,447
8	0.1250	\$5,797,319,976	\$5,700,000,000	\$0	\$0	\$0	6,102,855,669	-	595,764,240
7	0.1429	\$4,770,000,000	\$4,845,632,304	\$0	\$0	\$0	5,188,322,487	-	325,288,752
6	0.1667	\$3,633,444,183	\$3,707,837,094	\$0	\$0	\$0	4,175,920,037	-	124,189,233
5	0.2000	\$2,473,927,409	\$2,513,270,243	\$0	\$0	\$0	2,937,209,840	-	19,180,040
4	0.2500	\$1,420,000,000	\$1,516,626,320	\$0	\$0	\$0	1,749,552,605	-	395,316
3	0.3333	\$518,898,021	\$567,000,000	\$0	\$0	\$0	713,552,478	-	-

Notes:

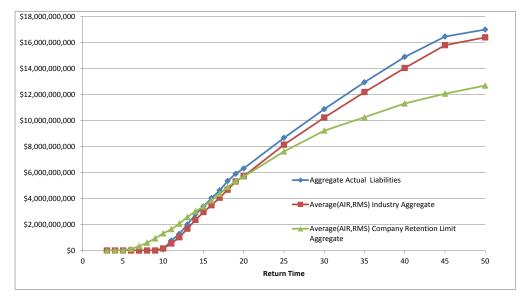
Aggregate FHCF Liabilities include Sections I, II and LAE, and are at weighted average coverage.

2018 Severity distributions based on AIR, EQE, RMS, ARA and FPM models.

FHCF: Adjusted Curve for Company Retentions and Limits



Based on Average (AIR, RMS) 2018 Analysis



IX

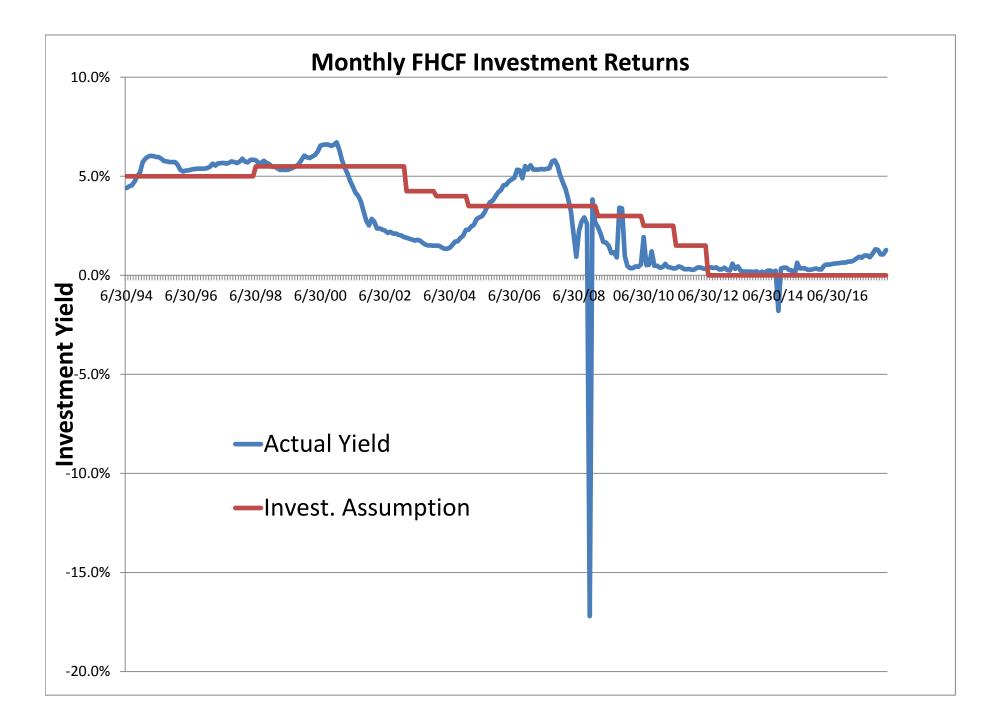
Florida Hurricane Catastrophe Fund Monthly Investment Return History Most Recent Five Years

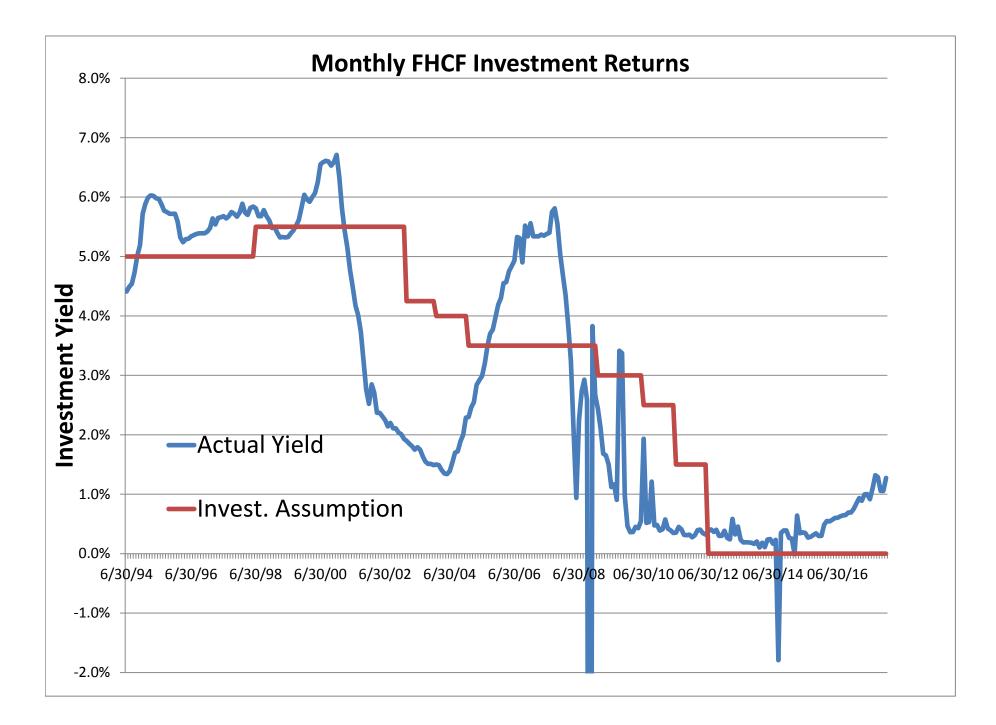
	Month Ending	FHCF Rate of Return	12 Month Rolling Average		Month Ending	FHCF Rate of Return	12 Month Rolling Average
1	01/31/13	0.26		3	1 07/31/15	0.27	0.15
2	02/28/13	0.24		3	2 08/31/15	0.28	0.32
3	03/31/13	0.59		3	3 09/30/15	0.31	0.32
4	04/30/13	0.32		3	4 10/31/15	0.34	0.32
5	05/31/13	0.46		3	5 11/30/15	0.30	0.31
6	06/30/13	0.23		3	6 12/31/15	0.30	0.31
7	07/31/13	0.19		3	7 01/31/16	0.49	0.33
8	08/31/13	0.19		3	8 02/29/16	0.55	0.38
9	09/30/13	0.19		3	9 03/31/16	0.54	0.37
10	10/31/13	0.18		4	0 04/30/16	0.57	0.39
11	11/30/13	0.17		4	1 05/31/16	0.60	0.41
12	12/31/13	0.20	0.27	4	2 06/30/16	0.60	0.43
13	01/31/14	0.10	0.26	4	3 07/31/16	0.63	0.46
14	02/28/14	0.18	0.25	4	4 08/31/16	0.65	0.49
15	03/31/14	0.11	0.21	4	5 09/30/16	0.65	0.52
16	04/30/14	0.24	0.20	4	6 10/31/16	0.69	0.55
17	05/31/14	0.24	0.19	4	7 11/30/16	0.69	0.58
18	06/30/14	0.17	0.18	4	8 12/31/16	0.75	0.62
19	07/31/14	0.23	0.18	4	9 01/31/17	0.85	0.65
20	08/31/14	-1.79	0.02	5	0 02/28/17	0.93	0.68
21	09/30/14	0.35	0.03	5	1 03/31/17	0.89	0.71
22	10/31/14	0.39	0.05	5	2 04/30/17	1.00	0.74
23	11/30/14	0.39	0.07	5	3 05/31/17	1.00	0.78
24	12/31/14	0.26	0.07	5	4 06/30/17	0.91	0.80
25	01/31/15	0.25	0.09	5	5 07/31/17	1.10	0.84
26	02/28/15	-0.01	0.07	5	6 08/31/17	1.32	0.90
27	03/31/15	0.64	0.11	5	7 09/30/17	1.29	0.95
28	04/30/15	0.34	0.12	5	8 10/31/17	1.06	0.98
29	05/31/15	0.36	0.13	5	9 11/30/17	1.06	1.01
30	06/30/15	0.35	0.15	6	0 12/31/17	1.27	1.06

RM Report	Average
1 year	1.06
2 year	0.84
3 year	0.66
4 year	0.51
5 year	0.47
Incept to date	2.87

*

* Return values prior to 01/31/2016 were based on original cost. Values 01/31/2016 and subsequent are based on amortized cost, which is consistent with FHCF investment policy. Going forward we will use the amortized cost annualized returns and we do not expect to revise evaluations prior to 01/31/2016.





FHCF INVESTMENT INCOME*

(Excludes Finance Corporation)

			35% of
		Investment	Investment
	Year	Income	Income
1	June 30, 1995	20,183,000	7,064,050
2	June 30, 1996	46,379,000	16,232,650
3	June 30, 1997	74,425,000	26,048,750
4	June 30, 1998	109,979,000	38,492,650
5	June 30, 1999	132,516,000	46,380,600
6	June 30, 2000	173,839,000	60,843,650
7	June 30, 2001	220,915,000	77,320,250
8	June 30, 2002	122,535,000	42,887,250
9	June 30, 2003	104,939,000	36,728,650
10	June 30, 2004	58,127,000	20,344,450
11	June 30, 2005	108,672,000	38,035,200
12	June 30, 2006	103,175,000	36,111,250
13	June 30, 2007	36,065,000	12,622,750
14	June 30, 2008	46,816,000	16,385,600
15	June 30, 2009	7,803,000	2,731,050
16	June 30, 2010	54,298,000	19,004,300
17	June 30, 2011	29,983,000	10,494,050
18	June 30, 2012	26,634,000	9,321,900
19	June 30, 2013	34,636,000	12,122,600
20	June 30, 2014	19,086,000	6,680,100
20	June 30, 2015	29,009,000	10,153,150
21	June 30, 2016	56,143,000	19,650,050
22	June 30, 2017	109,450,000	38,307,500

\$1,725,607,000 \$603,962,450

*Source: FHCF Audited Financial Statements

Note: 1997 was the first year of mitigation funding.

F.S. 215.555(7)(c) Each fiscal year, the Legislature shall appropriate from the investment income of the Florida Hurricane Catastrophe Fund an amount no less than \$10 million and no more than 35 percent of the investment income based upon the most recent fiscal year-end audited financial statements for the purpose of providing funding for local governments, state agencies, public and private educational institutions, and nonprofit organizations to support programs intended to improve hurricane preparedness, reduce potential losses in the event of a hurricane, provide research into means to reduce such losses, educate or inform the public as to means to reduce hurricane losses, assist the public in determining the appropriateness of particular upgrades to structures or in the financing of such upgrades, or protect local infrastructure from potential damage from a hurricane. Moneys shall first be available for appropriation under this paragraph in fiscal year 1997-1998. Moneys in excess of the \$10 million specified in this paragraph shall not be available for appropriation under this paragraph if the State Board of Administration finds that an appropriation of investment income from the fund would jeopardize the actuarial soundness of the fund.

Х

Florida Hurricane Catastrophe Fund Addendum to the 2018 Ratemaking Formula Report Pre-Event Note Expense Loading Contract Term : 6/01/2018 to 5/31/2019

		2013A Projected Debt Service	2016A Projected Debt Service	Total Debt Service Net Cost
	Reimbursement Deposit			
1	Premium	14,000,000	7,000,000	21,000,000
2	Average Market Value	1,041,095,890	1,200,000,000	2,241,095,890
3	Exp. Default Loading %	0.3%	0.3%	
4	Exp. Default Cost (2)*(3)	3,123,288	3,600,000	6,723,288
5	Total Projected Liquidity Facility Cost (1)+(4)	17,123,288	10,600,000	27,723,288

Notes

- This method uses values projected by the FHCF's Financial Advisor, Raymond James (01/11/2018 for 2013A);

(1/11/2018 for 2016A); plus a judgmental loading for potential asset loss.

- \$500 million of \$1.5 billion 2013A Bonds come due on 7/1/2018.

EXHIBIT

XI

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Additional Pre-Event Note Options

	st. FHCF Premium (with cash ash Build-up Factor	1,109,316,664 25%	Exhibit 2, Line	73			
3 L	imit		\$17,000,000,000	Projected Payo	out Multiple	15.3247	
4 R	letention		\$7,255,000,000	Retention Mult	iple 100%	4.7822	
5 C	overage %		73.121%	Retention Mult	iple 90%	5.3135	
				Retention Mult	iple 75%	6.3762	
				Retention Mult	iple 45%	10.6270	
				Projected	Retention	Retention	Retention
	Cha	ange in Cost + Cash		Payout	Multiple	Multiple	Multiple
Est	. Additional Annual Cost	Build-up	Impact on Rate	Multiple	90%	75%	45%
1	At Current Level Costs	0	0.00%	15.3247	5.3135	6.3762	10.6270
2	5,000,000	6,250,000	0.56%	15.2389	5.2838	6.3405	10.5675
3	10,000,000	12,500,000	1.13%	15.1540	5.2543	6.3052	10.5086
4	15,000,000	18,750,000	1.69%	15.0700	5.2252	6.2702	10.4504
5	20,000,000	25,000,000	2.25%	14.9870	5.1964	6.2357	10.3928
6	25,000,000	31,250,000	2.82%	14.9049	5.1679	6.2015	10.3359
7	30,000,000	37,500,000	3.38%	14.8236	5.1398	6.1677	10.2795
8	35,000,000	43,750,000	3.94%	14.7433	5.1119	6.1343	10.2238
9	40,000,000	50,000,000	4.51%	14.6638	5.0844	6.1012	10.1687
10	45,000,000	56,250,000	5.07%	14.5852	5.0571	6.0685	10.1142
11	50,000,000	62,500,000	5.63%	14.5074	5.0301	6.0361	10.0602
12	55,000,000	68,750,000	6.20%	14.4304	5.0034	6.0041	10.0069
13	60,000,000	75,000,000	6.76%	14.3543	4.9770	5.9724	9.9541

EXHIBIT

XII

		2017 FHCF Premium (Base Premium)								
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total				
Total Gross FHCF Premium	\$99,507,863	\$930,210,548	\$43,415,597	\$9,186,890	\$71,149,500	\$1,153,470,398				
FHCF Premium Credits/Debits	-\$5,949,212	-\$18,465,796	\$0	-\$37,612	-\$567,476	-\$25,020,096				
Net FHCF Premium	\$93,558,651	\$911,744,752	\$43,415,597	\$9,149,278	\$70,582,024	\$1,128,450,302				

		Percent of Gross Premium							
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total			
Total Gross FHCF Premium	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
FHCF Premium Credits/Debits	-5.98%	-1.99%	0.00%	-0.41%	-0.80%	-2.17%			
Net FHCF Premium	94.02%	98.01%	100.00%	99.59%	99.20%	97.83%			

_	2017 FHCF Exposure							
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total		
Total Exposure	\$152,937,257,976	\$1,873,752,532,503	\$26,350,579,769	\$27,371,616,373	\$96,464,337,994	\$2,176,876,324,615		
Debit = 30% or greater	\$68,338,878,663	\$608,082,391,671	\$0	\$6,604,595,124	\$37,456,351,713	\$720,482,217,171		
20% <debit<30%< td=""><td>\$0</td><td>\$252,891,144,354</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$252,891,144,354</td></debit<30%<>	\$0	\$252,891,144,354	\$0	\$0	\$0	\$252,891,144,354		
15% <debit<20%< td=""><td>\$9</td><td>\$3,890,370,511</td><td>\$0</td><td>\$0</td><td>\$4,168,060,949</td><td>\$8,058,431,469</td></debit<20%<>	\$9	\$3,890,370,511	\$0	\$0	\$4,168,060,949	\$8,058,431,469		
10% <debit<15%< td=""><td>\$14,232,285,804</td><td>\$0</td><td>\$0</td><td>\$251,364,273</td><td>\$327,813,082</td><td>\$14,811,463,159</td></debit<15%<>	\$14,232,285,804	\$0	\$0	\$251,364,273	\$327,813,082	\$14,811,463,159		
5% <debit <10%<="" td=""><td>\$0</td><td>\$0</td><td>\$0</td><td>\$11,538,595,922</td><td>\$9,279,329,053</td><td>\$20,817,924,975</td></debit>	\$0	\$0	\$0	\$11,538,595,922	\$9,279,329,053	\$20,817,924,975		
0% <debit<=5%< td=""><td>\$9,345,760,662</td><td>\$0</td><td>\$135,423,599</td><td>\$0</td><td>\$0</td><td>\$9,481,184,261</td></debit<=5%<>	\$9,345,760,662	\$0	\$135,423,599	\$0	\$0	\$9,481,184,261		
No Credit/Debit	\$0	\$0	\$26,215,156,170	\$0	\$0	\$26,215,156,170		
0% <credit<=5%< td=""><td>\$0</td><td>\$45,976,492,096</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$45,976,492,096</td></credit<=5%<>	\$0	\$45,976,492,096	\$0	\$0	\$0	\$45,976,492,096		
5% <credit<10%< td=""><td>\$240,511</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$240,511</td></credit<10%<>	\$240,511	\$0	\$0	\$0	\$0	\$240,511		
10% <credit<15%< td=""><td>\$1,003,600,048</td><td>\$2,214,790</td><td>\$0</td><td>\$0</td><td>\$35,749,614</td><td>\$1,041,564,452</td></credit<15%<>	\$1,003,600,048	\$2,214,790	\$0	\$0	\$35,749,614	\$1,041,564,452		
15% <credit<20%< td=""><td>\$0</td><td>\$121,364,062,377</td><td>\$0</td><td>\$86,269,324</td><td>\$8,098,399,916</td><td>\$129,548,731,617</td></credit<20%<>	\$0	\$121,364,062,377	\$0	\$86,269,324	\$8,098,399,916	\$129,548,731,617		
20% <credit<30%< td=""><td>\$0</td><td>\$0</td><td>\$0</td><td>\$2,546,849,337</td><td>\$0</td><td>\$2,546,849,337</td></credit<30%<>	\$0	\$0	\$0	\$2,546,849,337	\$0	\$2,546,849,337		
Credit =30% or greater	\$60,016,492,279	\$841,545,856,704	\$0	\$6,343,942,393	\$37,098,633,667	\$945,004,925,043		

	Percent of Total Exposure							
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total		
Total Exposure	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
Debit = 30% or greater	44.68%	32.45%	0.00%	24.13%	38.83%	33.10%		
20% <debit<30%< td=""><td>0.00%</td><td>13.50%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>11.62%</td></debit<30%<>	0.00%	13.50%	0.00%	0.00%	0.00%	11.62%		
15% <debit<20%< td=""><td>0.00%</td><td>0.21%</td><td>0.00%</td><td>0.00%</td><td>4.32%</td><td>0.37%</td></debit<20%<>	0.00%	0.21%	0.00%	0.00%	4.32%	0.37%		
10% <debit<15%< td=""><td>9.31%</td><td>0.00%</td><td>0.00%</td><td>0.92%</td><td>0.34%</td><td>0.68%</td></debit<15%<>	9.31%	0.00%	0.00%	0.92%	0.34%	0.68%		
5% <debit <10%<="" td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>42.16%</td><td>9.62%</td><td>0.96%</td></debit>	0.00%	0.00%	0.00%	42.16%	9.62%	0.96%		
0% <debit<=5%< td=""><td>6.11%</td><td>0.00%</td><td>0.51%</td><td>0.00%</td><td>0.00%</td><td>0.44%</td></debit<=5%<>	6.11%	0.00%	0.51%	0.00%	0.00%	0.44%		
No Credit/Debit	0.00%	0.00%	99.49%	0.00%	0.00%	1.20%		
0% <credit<=5%< td=""><td>0.00%</td><td>2.45%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>2.11%</td></credit<=5%<>	0.00%	2.45%	0.00%	0.00%	0.00%	2.11%		
5% <credit<10%< td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td></credit<10%<>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
10% <credit<15%< td=""><td>0.66%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.04%</td><td>0.05%</td></credit<15%<>	0.66%	0.00%	0.00%	0.00%	0.04%	0.05%		
15% <credit<20%< td=""><td>0.00%</td><td>6.48%</td><td>0.00%</td><td>0.32%</td><td>8.40%</td><td>5.95%</td></credit<20%<>	0.00%	6.48%	0.00%	0.32%	8.40%	5.95%		
20% <credit<30%< td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>9.30%</td><td>0.00%</td><td>0.12%</td></credit<30%<>	0.00%	0.00%	0.00%	9.30%	0.00%	0.12%		
Credit =30% or greater	39.24%	44.91%	0.00%	23.18%	38.46%	43.41%		

	2017 FHCF Risk Counts							
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total		
Total Risk Counts	210,062	4,409,822	333,972	1,067,319	846,251	6,867,426		
Debit = 30% or greater	88,607	1,870,799	0	207,658	456,433	2,623,497		
20% <debit<30%< td=""><td>0</td><td>601,392</td><td>0</td><td>0</td><td>0</td><td>601,392</td></debit<30%<>	0	601,392	0	0	0	601,392		
15% <debit<20%< td=""><td>1</td><td>18,953</td><td>0</td><td>0</td><td>44,773</td><td>63,727</td></debit<20%<>	1	18,953	0	0	44,773	63,727		
10% <debit<15%< td=""><td>32,599</td><td>0</td><td>0</td><td>3,850</td><td>4,326</td><td>40,775</td></debit<15%<>	32,599	0	0	3,850	4,326	40,775		
5% <debit <10%<="" td=""><td>0</td><td>0</td><td>0</td><td>608,303</td><td>56,661</td><td>664,964</td></debit>	0	0	0	608,303	56,661	664,964		
0% <debit<=5%< td=""><td>3,488</td><td>0</td><td>1,897</td><td>0</td><td>0</td><td>5,385</td></debit<=5%<>	3,488	0	1,897	0	0	5,385		
No Credit/Debit	0	0	332,075	0	0	332,075		
0% <credit<=5%< td=""><td>0</td><td>66,278</td><td>0</td><td>0</td><td>0</td><td>66,278</td></credit<=5%<>	0	66,278	0	0	0	66,278		
5% <credit<10%< td=""><td>4</td><td>0</td><td>0</td><td>0</td><td>0</td><td>4</td></credit<10%<>	4	0	0	0	0	4		
10% <credit<15%< td=""><td>1,404</td><td>6</td><td>0</td><td>0</td><td>382</td><td>1,792</td></credit<15%<>	1,404	6	0	0	382	1,792		
15% <credit<20%< td=""><td>0</td><td>283,263</td><td>0</td><td>1,449</td><td>66,172</td><td>350,884</td></credit<20%<>	0	283,263	0	1,449	66,172	350,884		
20% <credit<30%< td=""><td>0</td><td>0</td><td>0</td><td>78,311</td><td>0</td><td>78,311</td></credit<30%<>	0	0	0	78,311	0	78,311		
Credit =30% or greater	83,959	1,569,131	0	167,748	217,504	2,038,342		

	Percent of All Risks							
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total		
Total Risk Counts	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
Debit = 30% or greater	42.18%	42.42%	0.00%	19.46%	53.94%	38.20%		
20% <debit<30%< td=""><td>0.00%</td><td>13.64%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>8.76%</td></debit<30%<>	0.00%	13.64%	0.00%	0.00%	0.00%	8.76%		
15% <debit<20%< td=""><td>0.00%</td><td>0.43%</td><td>0.00%</td><td>0.00%</td><td>5.29%</td><td>0.93%</td></debit<20%<>	0.00%	0.43%	0.00%	0.00%	5.29%	0.93%		
10% <debit<15%< td=""><td>15.52%</td><td>0.00%</td><td>0.00%</td><td>0.36%</td><td>0.51%</td><td>0.59%</td></debit<15%<>	15.52%	0.00%	0.00%	0.36%	0.51%	0.59%		
5% <debit <10%<="" td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>56.99%</td><td>6.70%</td><td>9.68%</td></debit>	0.00%	0.00%	0.00%	56.99%	6.70%	9.68%		
0% <debit<=5%< td=""><td>1.66%</td><td>0.00%</td><td>0.57%</td><td>0.00%</td><td>0.00%</td><td>0.08%</td></debit<=5%<>	1.66%	0.00%	0.57%	0.00%	0.00%	0.08%		
No Credit/Debit	0.00%	0.00%	99.43%	0.00%	0.00%	4.84%		
0% <credit<=5%< td=""><td>0.00%</td><td>1.50%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.97%</td></credit<=5%<>	0.00%	1.50%	0.00%	0.00%	0.00%	0.97%		
5% <credit<10%< td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td></credit<10%<>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
10% <credit<15%< td=""><td>0.67%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.05%</td><td>0.03%</td></credit<15%<>	0.67%	0.00%	0.00%	0.00%	0.05%	0.03%		
15% <credit<20%< td=""><td>0.00%</td><td>6.42%</td><td>0.00%</td><td>0.14%</td><td>7.82%</td><td>5.11%</td></credit<20%<>	0.00%	6.42%	0.00%	0.14%	7.82%	5.11%		
20% <credit<30%< td=""><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>7.34%</td><td>0.00%</td><td>1.14%</td></credit<30%<>	0.00%	0.00%	0.00%	7.34%	0.00%	1.14%		
Credit =30% or greater	39.97%	35.58%	0.00%	15.72%	25.70%	29.68%		

EXHIBIT

XIII

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report 2018 County Rating Groups

County	Dominant Group	Other Groups	County	Dominant Group	Other Groups
ALACHUA	1	2	LAKE	4	2,3,5
BAKER	1		LEE	8	7,9,10,12,13,14,15,16,17
BAY	3	1,2,4,5,7,10	LEON	1	
BRADFORD	1		LEVY	2	4,5
BREVARD	5	4,7,9,10,11,12,13,14,15	LIBERTY	1	
BROWARD	11	9,10,12,13,14,17,18,19,20,21,22,23	MADISON	1	
CALHOUN	1		MANATEE	6	5,7,8,9,10,13,14,15
CHARLOTTE	7	6,8,9,13	MARION	2	1,3
CITRUS	3	2	MARTIN	17	11,13,14,16,18
CLAY	1		MIAMI-DADE	13	11,12,14,15,16,17,18,19,2,21,22,23,24,25
COLLIER	10	7,8,9,11,14,15,16,18	MONROE	20	18,25
COLUMBIA	1		NASSAU	1	2
DESOTO	6		OKALOOSA	10	1,2,5,6,7
DIXIE	1	3,4	OKEECHOBEE	8	11
DUVAL	1	2,3	ORANGE	4	3,6
ESCAMBIA	8	1,2,3,4,5,6,7,9,10,11	OSCEOLA	4	3
FLAGLER	6	2,4	PALM BEACH	12	9,10,11,13,14,15,16,17,18,19,20,21,22
FRANKLIN	4	6	PASCO	4	5,6,7,8
GADSDEN	1		PINELLAS	7	4,5,6,8,9,10,11,12,13
GILCHRIST	1		POLK	5	3,4
GLADES	8		PUTNAM	1	2
GULF	6	1	SAINT JOHNS	1	2,3,5
HAMILTON	1		SAINT LUCIE	9	10,11,12,13,14,15,18
HARDEE	5	4	SANTA ROSA	3	2,8,11,13
HENDRY	7	10	SARASOTA	11	5,6,7,8,9,10
HERNANDO	4	3,6	SEMINOLE	3	2
HIGHLANDS	5	7,	SUMTER	3	2
HILLSBOROUGH	4	5,6,7,8,9,10	SUWANNEE	1	
HOLMES	1		TAYLOR	1	
INDIAN RIVER	12	7,9,10,13,14,16	UNION	1	
JACKSON	1		VOLUSIA	5	2,3,4,7,8
JEFFERSON	1		WAKULLA	1	3
LAFAYETTE	1		WALTON	2	1,3,7,9,11
			WASHINGTON	1	2,7

Florida Hurricane Catastrophe Fund

2018 Ratemaking Formula Report County Rating Regions

County	Osumtu Nama	2018 Decision	County	Occurrent Marrie	2018
Number	County Name	Region	Number 71	County Name	Region
1	ALACHUA	1		LEE	9
3	BAKER	1	73	LEON	1
5 7	BAY	5	75	LEVY	2
	BRADFORD	1	77	LIBERTY	1
9	BREVARD	8	79	MADISON	1
11	BROWARD	13	81	MANATEE	7
13		1	83	MARION	2
15	CHARLOTTE	7	85	MARTIN	14
17	CITRUS	3	86	MIAMI-DADE	16
19	CLAY	1	87	MONROE	22
21	COLLIER	11	89	NASSAU	2
23	COLUMBIA	1	91	OKALOOSA	6
27	DE SOTO	6	93	OKEECHOBEE	10
29	DIXIE	2	95	ORANGE	3
31	DUVAL	1	97	OSCEOLA	4
33	ESCAMBIA	6	99	PALM BEACH	14
35	FLAGLER	3	101	PASCO	5
37	FRANKLIN	6	103	PINELLAS	8
39	GADSDEN	1	105	POLK	4
41	GILCHRIST	1	107	PUTNAM	1
43	GLADES	8	109	SAINT JOHNS	2
45	GULF	5	111	SAINT LUCIE	10
47	HAMILTON	1	113	SANTA ROSA	7
49	HARDEE	5	115	SARASOTA	8
51	HENDRY	8	117	SEMINOLE	3
53	HERNANDO	4	119	SUMTER	3
55	HIGHLANDS	6	121	SUWANNEE	1
57	HILLSBOROUGH	5	123	TAYLOR	1
59	HOLMES	1	125	UNION	1
61	INDIAN RIVER	12	127	VOLUSIA	4
63	JACKSON	1	129	WAKULLA	1
65	JEFFERSON	1	131	WALTON	7
67	LAFAYETTE	1	133	WASHINGTON	1
69	LAKE	4			

Group 1	32003	32066	32204	32247	32331	32425	32608
223 Zips	32006	32067	32205	32254	32332	32426	32609
	32008	32068	32207	32255	32333	32427	32610
	32009	32071	32208	32256	32334	32428	32611
	32011	32073	32209	32257	32336	32430	32612
	32013	32079	32210	32258	32337	32431	32614
	32024	32081	32211	32259	32340	32432	32615
	32025	32083	32212	32260	32341	32438	32616
	32026	32087	32214	32277	32343	32440	32618
	32030	32091	32216	32301	32344	32442	32619
	32033	32092	32217	32302	32345	32443	32622
	32038	32094	32218	32303	32347	32445	32627
	32040	32096	32219	32304	32348	32446	32628
	32041	32097	32220	32305	32350	32447	32631
	32042	32099	32221	32306	32351	32448	32635
	32043	32113	32222	32307	32352	32449	32640
	32044	32134	32223	32308	32353	32452	32641
	32046	32138	32224	32309	32355	32455	32643
	32050	32140	32225	32310	32356	32460	32653
	32052	32145	32226	32311	32357	32463	32654
	32053	32147	32229	32312	32358	32464	32655
	32054	32148	32231	32313	32359	32465	32656
	32055	32160	32232	32314	32360	32535	32658
	32056	32177	32234	32315	32361	32538	32662
	32058	32178	32236	32316	32362	32567	32666
	32059	32182	32237	32317	32395	32601	32667
	32060	32185	32238	32318	32399	32602	32669
	32061	32187	32239	32321	32420	32603	32680
	32062	32189	32241	32324	32421	32604	32693
	32063	32201	32244	32326	32422	32605	32694
	32064	32202	32245	32327	32423	32606	32697
	32065	32203	32246	32330	32424	32607	

Group 2 89 Zips	32639 32644 32663 32664 32668 32681 32683 32686 32686 32696 32702 32706 32720 32721	32722 32723 32724 32736 32744 32752 32763 32767 32774 32779 32791 34430 34431	32639 32644 32663 32664 32688 32681 32683 32686 32696 32702 32706 32720 32721	32639 32644 32663 32664 32688 32681 32683 32686 32696 32702 32706 32720 32721	32639 32644 32663 32664 32688 32681 32683 32686 32696 32702 32706 32720 32721	32639 32644 32663 32664 32681 32683 32686 32686 32696 32702 32706 32720 32721	32639 32644 32663 32664 32668 32681 32683 32686 32696 32702 32706
Group 3 143 Zips	32004 32082 32084 32085 32086 32128 32133 32158 32159 32162 32163 32174 32195 32227 32228 32233 32240 32250 32266 32346 32403	32404 32409 32439 32444 32530 32533 32560 32570 32571 32572 32577 32583 32648 32701 32703 32704 32707 32708 32709 32710 32712	32713 32714 32715 32716 32718 32719 32725 32728 32730 32732 32733 32738 32739 32745 32746 32747 32750 32751 32751 32753 32762 32764	32765 32766 32771 32772 32773 32776 32784 32789 32790 32792 32793 32794 32795 32799 32810 32812 32814 32816 32817 32818 32820	32821 32822 32825 32826 32828 32829 32831 32835 32835 32837 32860 32861 32867 32868 32872 32877 32878 32877 32878 32877 32878 32871 33513 33514 33521	33538 33585 33597 33849 33897 34420 34421 34423 34428 34429 34428 34429 34436 34441 34442 34446 34447 34448 34450 34451 34452 34453 34460	34461 34465 34487 34491 34492 34601 34613 34614 34636 34661 34713 34714 34731 34747 34762 34785

Group 4 164 Zips	32129 32137 32168 32322 32323 32405 32509 32526 32534 32559 32692 32726 32727 32735 32754 32756 32757 32768 32775 32778 32778 32778 32798 32801 32802	32803 32804 32805 32806 32807 32808 32809 32811 32819 32824 32827 32830 32832 32836 32839 32853 32854 32855 32856 32855 32856 32857 32858 32859 32862 32869	32885 32886 32891 32896 33508 33509 33510 33511 33523 33524 33525 33526 33527 33530 33537 33540 33543 33544 33548 33548 33549 33550 33556 33558 33559	33563 33564 33565 33566 33567 33574 33576 33583 33584 33587 33592 33593 33594 33595 33596 33613 33617 33618 33620 33624 33625 33626 33627 33647	33687 33688 33694 33801 33802 33803 33804 33805 33806 33807 33809 33810 33811 33812 33813 33815 33836 33837 33840 33846 33848 33848 33848 33848	33890 33896 34498 34602 34603 34604 34605 34606 34608 34609 34610 34611 34637 34638 34639 34655 34655 34669 34655 34669 34685 34685 34685 34705 34711 34712	34734 34736 34737 34741 34742 34743 34745 34746 34748 34749 34753 34755 34758 34759 34759 34761 34786 34787 34788 34787 34788
Group 5 111 Zips	32080 32114 32116 32117 32120 32121 32122 32123 32125 32125 32127 32132 32141 32173 32175 32198	32406 32514 32578 32580 32588 32625 32759 32780 32781 32783 32796 32815 32926 32927 32929 32959 33503	33539 33541 33542 33545 33547 33568 33569 33571 33573 33578 33578 33579 33598 33604 33610 33612 33660	33661 33674 33680 33682 33782 33820 33823 33825 33826 33827 33830 33831 33834 33835 33838	33839 33841 33843 33844 33845 33847 33850 33851 33853 33854 33855 33856 33856 33859 33860 33863 33865	33867 33872 33873 33875 33877 33880 33881 33882 33883 33884 33885 33888 33888 33898 34201 34211 34251	34286 34289 34653 34656 34677 34684 34729 34739 34744 34756 34769 34770 34771 34772 34773

Group 6 88 Zips	32135 32136 32142 32143 32328 32401 32402 32410 32412 32456 32457 32505 32506 32511	32512 32516 32542 32547 32904 32907 32908 32909 32910 32934 32955 32956 33534 33601	33602 33603 33614 33633 33635 33646 33655 33672 33673 33761 33763 33764 33766	33780 33781 33870 33871 33876 33938 33954 33960 33982 33983 34202 34203 34204 34204	34212 34219 34222 34232 34233 34235 34240 34241 34243 34265 34266 34267 34268 34269	34270 34287 34288 34290 34291 34607 34667 34668 34673 34674 34679 34680 34690 34690	34740 34760 34777 34778	
Group 7 91 Zips	32115 32126 32170 32320 32329 32407 32413 32417 32437 32459 32504	32579 32899 32922 32923 32924 32940 32948 32953 32954 33570 33572 33575	33586 33605 33615 33622 33623 33630 33631 33634 33650 33663 33675	33677 33684 33685 33702 33714 33716 33732 33742 33758 33759 33760 33765	33769 33771 33773 33852 33857 33862 33903 33905 33906 33909 33910	33912 33913 33915 33916 33917 33918 33920 33927 33930 33935 33948 33949	33950 33951 33952 33953 33955 33966 33975 33980 33990 33994 34117 34119	34221 34249 34292 34652 34682 34683 34695
Group 8 62 Zips	32118 32169 32501 32503 32513 32523 32524 32566 32591 33471	33606 33609 33679 33709 33713 33729 33730 33733 33762 33778	33784 33901 33902 33904 33907 33911 33919 33928 33929 33936	33944 33965 33967 33970 33971 33972 33973 33974 33976 33981	33991 33993 34116 34120 34142 34143 34205 34206 34220 34234	34237 34238 34250 34278 34660 34681 34689 34691 34697 34698	34972 34973	
Group 9 42 Zips	32461 32507 32508 32905 32906 32911	32912 32935 32936 32966 32968 32969	33076 33478 33608 33611 33629 33681	33710 33743 33755 33756 33757 33770	33779 33908 33914 33947 34114 34135	34207 34224 34239 34260 34264 34281	34282 34293 34945 34986 34987 34988	

Group 10 49 Zips	32408 32411 32520 32540 32541 32544 32548	32549 32569 32901 32902 32919 32941 32950	32952 32967 32970 33028 33082 33412 33414	33440 33616 33621 33703 33704 33734 33740	33772 33774 33775 34104 34109 34110 34133	34137 34138 34139 34141 34209 34210 34229	34272 34274 34275 34280 34953 34983 34984	
Group 11 73 Zips	32502 32521 32522 32550 32562 32563 32925 33016 33029 33063 33065 33065	33067 33068 33071 33073 33075 33093 33097 33198 33317 33318 33319	33320 33321 33322 33324 33327 33329 33338 33345 33345 33351 33388 33411 33413	33415 33418 33421 33430 33449 33467 33470 33472 33701 33707 33711 33712	33731 33747 33767 33776 33785 33786 34105 34105 34112 34113 34223 34230 34231	34236 34242 34276 34277 34284 34285 34295 34951 34954 34954 34956 34974 34981	34990	
Group 12 36 Zips	32937 32949 32957 32958 32962 32965	32978 33025 33055 33175 33313 33323	33325 33328 33355 33359 33417 33428	33433 33434 33437 33446 33448 33454	33459 33463 33473 33488 33493 33496	33497 33498 33705 34134 34136 34947		
Group 13 67 Zips	32561 32903 32920 32960 32961 32964 32976 33002 33010	33011 33012 33013 33014 33015 33017 33018 33024 33026	33027 33056 33069 33072 33084 33102 33112 33122 33152	33166 33169 33172 33174 33178 33183 33184 33188 33192	33199 33222 33247 33266 33269 33283 33314 33326 33330	33331 33332 33442 33458 33482 33484 33706 33708 33715	33736 33738 33741 33744 33922 33945 33946 34228 34946	34952 34985 34991 34997
Group 14 37 Zips	32931 32932 32971 33021 33023 33054 33081	33083 33126 33144 33147 33165 33167 33173	33177 33182 33185 33186 33193 33265 33299	33309 33310 33311 33312 33336 33340 33409	33436 33956 34108 34215 34216 34218 34982	34994 34995		

Group 15 32 Zips	32951 33030 33034 33090 33114	33116 33134 33142 33155 33168	33176 33187 33194 33196 33234	33242 33255 33406 33410 33416	33420 33438 33445 33476 33931	33932 33957 34103 34217 34948	34950 34979
Group 16 21 Zips	32963 33031 33032	33033 33035 33039	33092 33150 33170	33179 33238 33422	33461 33466 33921	34101 34102 34106	34107 34140 34992
Group 17 18 Zips	33064 33074 33125	33307 33334 33335	33407 33424 33425	33426 33427 33455	33474 33475 33486	33924 34957 34958	
Group 18 32 Zips	33042 33043 33060 33061 33127	33135 33136 33143 33146 33156	33157 33161 33162 33164 33189	33190 33191 33197 33243 33257	33261 33315 33403 33404 33419	33462 33465 33481 34145 34146	34949 34996
Group 19 20 Zips	33020 33022 33137	33138 33145 33153	33245 33280 33301	33303 33305 33394	33401 33408 33431	33441 33443 33468	33469 33477
Group 20 20 Zips	33004 33040 33041	33045 33101 33124	33128 33132 33133	33158 33181 33195	33233 33256 33296	33302 33304 33444	33487 33499
Group 21 20 Zips	33008 33009 33050	33051 33052 33106	33130 33131 33206	33231 33306 33308	33316 33339 33346	33348 33402 33405	33435 33480
Group 22 9 Zips	33062 33129	33163 33180	33429 33432	33460 33464	33483		

Group 23 3 Zips	33019	33154	33160	
Group 24 8 Zips	33001 33036	33037 33119	33139 33140	33141 33239
Group 25 3 Zips	33070	33109	33149	

	2018		2018		2018		2018
ZIP Code	Group						
32003	1	32102	2	32181	2	32257	1
32004	3	32105	2	32182	1	32258	1
32006	1	32110	2	32183	2	32259	1
32007	2	32111	2	32185	1	32260	1
32008	1	32112	2	32187	1	32266	3
32009	1	32113	1	32189	1	32277	1
32011	1	32114	5	32190	2	32301	1
32013	1	32115	7	32192	2	32302	1
32024	1	32116	5	32193	2	32303	1
32025	1	32117	5	32195	3	32304	1
32026	1	32118	8	32198	5	32305	1
32030	1	32119	5	32201	1	32306	1
32033	1	32120	5	32202	1	32307	1
32034	2	32121	5	32203	1	32308	1
32035	2	32122	5	32204	1	32309	1
32038	1	32123	5	32205	1	32310	1
32040	1	32124	2	32206	2	32311	1
32041	1	32125	5	32207	1	32312	1
32042	1	32126	7	32208	1	32313	1
32043	1	32127	5	32209	1	32314	1
32044	1 1	32128 32129	3 4	32210 32211	1 1	32315	1 1
32046 32050	1	32129	4	32211	1	32316 32317	1
32050	1		2	32212	1		1
32052	1	32131 32132	2 5	32214	1	32318 32320	7
32053	1	32132	3	32210	1	32320	, 1
32054	1	32133	1	32217	1	32322	4
32055	1	32134	6	32210	1	32323	4
32050	1	32135	6	32219	1	32323	1
32050	1	32130	4	32220	1	32324	1
32060	1	32138	1	32222	1	32327	1
32061	1	32139	2	32223	1	32328	6
32062	1	32140	1	32224	1	32329	7
32063	1	32141	5	32225	1	32330	1
32064	1	32142	6	32226	1	32331	1
32065	1	32143	6	32227	3	32332	1
32066	1	32145	1	32228	3	32333	1
32067	1	32147	1	32229	1	32334	1
32068	1	32148	1	32231	1	32336	1
32071	1	32157	2	32232	1	32337	1
32073	1	32158	3	32233	3	32340	1
32079	1	32159	3	32234	1	32341	1
32080	5	32160	1	32235	2	32343	1
32081	1	32162	3	32236	1	32344	1
32082	3	32163	3	32237	1	32345	1
32083	1	32164	2	32238	1	32346	3
32084	3	32168	4	32239	1	32347	1
32085	3	32169	8	32240	3	32348	1
32086	3	32170	7	32241	1	32350	1
32087	1	32173	5	32244	1	32351	1
32091	1	32174	3	32245	1	32352	1
32092	1	32175	5	32246	1	32353	1
32094	1	32176	7	32247	1	32355	1
32095	2	32177	1	32250	3	32356	1
32096	1	32178	1	32254	1	32357	1
32097	1	32179	2	32255	1	32358	1
32099	1	32180	2	32256	1	32359	1

ZIP Code	2018 Group						
32360	1	32466	2	32588	5	32701	3
32361	1	32501	8	32591	8	32701	2
32362	1	32502	11	32601	1	32703	3
32395	1	32503	8	32602	1	32704	3
32399	1	32504	7	32603	1	32706	2
32401	6	32505	6	32604	1	32707	3
32402	6	32506	6	32605	1	32708	3
32403	3	32507	9	32606	1	32709	3
32404	3	32508	9	32607	1	32710	3
32405	4	32509	4	32608	1	32712	3
32406	5	32511	6	32609	1	32713	3
32407	7 10	32512 32513	6 8	32610	1 1	32714	3 3
32408 32409	3	32513	o 5	32611 32612	1	32715 32716	3
32409	6	32516	6	32612	1	32718	3
32411	10	32520	10	32615	1	32710	3
32412	6	32521	11	32616	1	32720	2
32413	7	32522	11	32617	2	32721	2
32417	7	32523	8	32618	1	32722	2
32420	1	32524	8	32619	1	32723	2
32421	1	32526	4	32621	2	32724	2
32422	1	32530	3	32622	1	32725	3
32423	1	32531	2	32625	5	32726	4
32424	1	32533	3	32626	2	32727	4
32425	1	32534	4	32627	1	32728	3
32426	1	32535	1	32628	1	32730	3
32427	1	32536	2	32631	1	32732	3
32428 32430	1 1	32537 32538	2 1	32633	2 2	32733 32735	3 4
32430	1	32539	2	32634 32635	2 1	32735	4
32431	1	32540	10	32639	2	32738	3
32433	2	32541	10	32640	1	32739	3
32434	2	32542	6	32641	1	32744	2
32435	2	32544	10	32643	1	32745	3
32437	7	32547	6	32644	2	32746	3
32438	1	32548	10	32648	3	32747	3
32439	3	32549	10	32653	1	32750	3
32440	1	32550	11	32654	1	32751	3
32442	1	32559	4	32655	1	32752	2
32443	1	32560	3	32656	1	32753	3
32444	3	32561	13	32658	1	32754	4
32445	1 1	32562 32563	11 11	32662 32663	1 2	32756	4 4
32446 32447	1	32564	2	32664	2	32757 32759	4 5
32447	1	32565	2	32666	1	32762	3
32449	1	32566	8	32667	1	32763	2
32452	1	32567	1	32668	2	32764	3
32455	1	32568	2	32669	1	32765	3
32456	6	32569	10	32680	1	32766	3
32457	6	32570	3	32681	2	32767	2
32459	7	32571	3	32683	2	32768	4
32460	1	32572	3	32686	2	32771	3
32461	9	32577	3	32692	4	32772	3
32462	2	32578	5	32693	1	32773	3
32463	1	32579	7	32694	1	32774	2
32464	1	32580	5	32696	2	32775	4
32465	1	32583	3	32697	1	32776	3

ZIP Code	2018 Group						
32777	4	32858	4	32960	13	33055	12
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34674	6	34788	4
34677	5	34789	4
34679	6	34797	4
34680 34681	6 8	34945 34946	9 13
34682	8 7	34946	13
34683	7	34948	12
34684	5	34949	18
34685	4	34950	15
34688	4	34951	10
34689	8	34952	13
34690	6	34953	10
34691	8	34954	11
34692	6	34956	11
34695	7	34957	17
34697	8	34958	17
34698	8	34972	8
34705	4	34973	8
34711	4	34974	11
34712	4	34979	15
34713	3	34981	11
34714	3	34982	14
34715	4	34983	10
34729	5	34984	10
34731	3	34985	13
34734	4	34986	9
34736	4	34987	9
34737	4	34988 34990	9
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34740	4	34991	16
34742	4	34994	14
34743	4	34995	14
34744	5	34996	18
34745	4	34997	13
34746	4		
34747	3		
34748	4		
34749	4		
34753	4		
34755	4		
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34758	4		
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EXHIBIT

XIV

PROPOSED FHCF 2018 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

90%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

Deductible: 3%

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	Superior	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.1120	0.1054	0.0854	0.0672	0.0504	0.0410	0.0773
2	0.2059	0.1936	0.1570	0.1235	0.0927	0.0754	0.1420
3	0.2957	0.2781	0.2255	0.1773	0.1331	0.1083	0.2040
4	0.3886	0.3655	0.2963	0.2330	0.1749	0.1423	0.2681
5	0.4848	0.4561	0.3698	0.2908	0.2183	0.1776	0.3345
6	0.5848	0.5501	0.4460	0.3507	0.2633	0.2142	0.4035
7	0.6887	0.6478	0.5253	0.4130	0.3101	0.2523	0.4752
8	0.7970	0.7497	0.6079	0.4780	0.3588	0.2920	0.5499
9	0.9102	0.8562	0.6942	0.5459	0.4098	0.3334	0.6280
10	1.0287	0.9676	0.7845	0.6169	0.4631	0.3768	0.7098
11	1.1531	1.0847	0.8794	0.6916	0.5192	0.4224	0.7956
12	1.2841	1.2079	0.9794	0.7701	0.5781	0.4704	0.8860
13	1.4225	1.3381	1.0849	0.8531	0.6405	0.5211	0.9815
14	1.5692	1.4761	1.1968	0.9411	0.7065	0.5748	1.0827
15	1.7251	1.6228	1.3157	1.0346	0.7767	0.6320	1.1904
16	1.8916	1.7793	1.4426	1.1345	0.8516	0.6929	1.3052
17	2.0698	1.9470	1.5786	1.2414	0.9319	0.7582	1.4282
18	2.2614	2.1272	1.7247	1.3563	1.0181	0.8284	1.5604
19	2.4681	2.3217	1.8824	1.4802	1.1112	0.9041	1.7030
20	2.6920	2.5322	2.0531	1.6145	1.2120	0.9861	1.8575
21	2.9353	2.7612	2.2387	1.7605	1.3216	1.0753	2.0254
22	3.2009	3.0109	2.4412	1.9197	1.4411	1.1726	2.2086
23	3.4916	3.2845	2.6630	2.0941	1.5720	1.2791	2.4092
24	3.8112	3.5850	2.9067	2.2857	1.7159	1.3961	2.6297
25	4.1635	3.9165	3.1754	2.4971	1.8746	1.5252	2.8729

PROPOSED FHCF 2018 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

75%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

Deductible: 3%

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	Superior	Superior with Reinforced Concrete Roof Deck	Non-MH Default <u>and Unknown</u>
	0.0933	0.0878	0.0712	0.0560	0.0420	0.0342	0.0644
2	0.0933	0.0678	0.1308	0.0360	0.0420	0.0342	0.0644
2 3	0.1716	0.1014	0.1308	0.1478	0.1109	0.0903	0.1700
4	0.3238	0.3046	0.1879	0.1478	0.1458	0.0903	0.2234
4 5	0.4040	0.3801	0.3081	0.1942	0.1458	0.1480	0.2234
6	0.4873	0.4584	0.3717	0.2923	0.2194	0.1785	0.3362
7	0.5739	0.5399	0.4377	0.3442	0.2584	0.2102	0.3960
8	0.6642	0.6248	0.5066	0.3983	0.2990	0.2433	0.4583
9	0.7585	0.7135	0.5785	0.4549	0.3415	0.2778	0.5233
10	0.8572	0.8064	0.6538	0.5141	0.3859	0.3140	0.5915
11	0.9609	0.9039	0.7329	0.5763	0.4326	0.3520	0.6630
12	1.0701	1.0066	0.8161	0.6418	0.4818	0.3920	0.7384
13	1.1854	1.1151	0.9041	0.7110	0.5337	0.4342	0.8179
14	1.3076	1.2301	0.9973	0.7843	0.5887	0.4790	0.9023
15	1.4376	1.3523	1.0964	0.8622	0.6473	0.5266	0.9920
16	1.5763	1.4828	1.2022	0.9454	0.7097	0.5774	1.0877
17	1.7248	1.6225	1.3155	1.0345	0.7766	0.6318	1.1901
18	1.8845	1.7727	1.4372	1.1302	0.8485	0.6903	1.3003
19	2.0567	1.9347	1.5686	1.2335	0.9260	0.7534	1.4192
20	2.2433	2.1102	1.7109	1.3454	1.0100	0.8218	1.5479
21	2.4461	2.3010	1.8656	1.4670	1.1013	0.8961	1.6878
22	2.6674	2.5091	2.0343	1.5998	1.2009	0.9771	1.8405
23	2.9097	2.7371	2.2192	1.7451	1.3100	1.0659	2.0077
24	3.1760	2.9875	2.4222	1.9048	1.4299	1.1634	2.1914
25	3.4696	3.2637	2.6462	2.0809	1.5621	1.2710	2.3940

PROPOSED FHCF 2018 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

45%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

Deductible: 3%

ZIP Code <u>Group</u>	<u>Frame</u>	<u>Masonry Veneer</u>	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.0560	0.0527	0.0427	0.0336	0.0252	0.0205	0.0386
2	0.1029	0.0968	0.0785	0.0617	0.0463	0.0377	0.0710
3	0.1478	0.1391	0.1127	0.0887	0.0666	0.0542	0.1020
4	0.1943	0.1828	0.1482	0.1165	0.0875	0.0712	0.1341
5	0.2424	0.2280	0.1849	0.1454	0.1091	0.0888	0.1673
6	0.2924	0.2750	0.2230	0.1754	0.1316	0.1071	0.2017
7	0.3443	0.3239	0.2626	0.2065	0.1550	0.1261	0.2376
8	0.3985	0.3749	0.3039	0.2390	0.1794	0.1460	0.2750
9	0.4551	0.4281	0.3471	0.2729	0.2049	0.1667	0.3140
10	0.5143	0.4838	0.3923	0.3085	0.2316	0.1884	0.3549
11	0.5765	0.5423	0.4397	0.3458	0.2596	0.2112	0.3978
12	0.6420	0.6040	0.4897	0.3851	0.2891	0.2352	0.4430
13	0.7112	0.6691	0.5425	0.4266	0.3202	0.2605	0.4908
14	0.7846	0.7380	0.5984	0.4706	0.3532	0.2874	0.5414
15	0.8626	0.8114	0.6579	0.5173	0.3884	0.3160	0.5952
16	0.9458	0.8897	0.7213	0.5672	0.4258	0.3465	0.6526
17	1.0349	0.9735	0.7893	0.6207	0.4659	0.3791	0.7141
18	1.1307	1.0636	0.8623	0.6781	0.5091	0.4142	0.7802
19	1.2340	1.1608	0.9412	0.7401	0.5556	0.4521	0.8515
20	1.3460	1.2661	1.0265	0.8072	0.6060	0.4931	0.9287
21	1.4677	1.3806	1.1193	0.8802	0.6608	0.5376	1.0127
22	1.6004	1.5055	1.2206	0.9599	0.7206	0.5863	1.1043
23	1.7458	1.6422	1.3315	1.0470	0.7860	0.6395	1.2046
24	1.9056	1.7925	1.4533	1.1429	0.8580	0.6981	1.3149
25	2.0818	1.9582	1.5877	1.2485	0.9373	0.7626	1.4364

PROPOSED FHCF 2018 Residential Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level:

90%

Deductible: 2%

ZIP Code				Non-MH Default
<u>Group</u>	<u>Frame</u>	Masonry Veneer	Masonry	<u>Unknown</u>
1	0.1045	0.0972	0.0794	0.1045
2	0.1920	0.1787	0.1459	0.1920
3	0.2757	0.2566	0.2095	0.2757
4	0.3624	0.3373	0.2753	0.3624
5	0.4522	0.4209	0.3435	0.4522
6	0.5454	0.5076	0.4143	0.5454
7	0.6423	0.5978	0.4879	0.6423
8	0.7433	0.6918	0.5647	0.7433
9	0.8489	0.7901	0.6448	0.8489
10	0.9594	0.8929	0.7288	0.9594
11	1.0754	1.0009	0.8169	1.0754
12	1.1976	1.1146	0.9098	1.1976
13	1.3267	1.2348	1.0078	1.3267
14	1.4635	1.3621	1.1117	1.4635
15	1.6090	1.4975	1.2222	1.6090
16	1.7642	1.6419	1.3402	1.7642
17	1.9304	1.7967	1.4664	1.9304
18	2.1091	1.9630	1.6022	2.1091
19	2.3019	2.1424	1.7486	2.3019
20	2.5107	2.3367	1.9072	2.5107
21	2.7377	2.5480	2.0796	2.7377
22	2.9853	2.7785	2.2678	2.9853
23	3.2565	3.0309	2.4738	3.2565
24	3.5545	3.3082	2.7002	3.5545
25	3.8831	3.6141	2.9498	3.8831

PROPOSED FHCF 2018 Residential Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level:

75%

Deductible: 2%

ZIP Code				Non-MH Default
<u>Group</u>	Frame	Masonry Veneer	Masonry	<u>Unknown</u>
1	0.0871	0.0810	0.0661	0.0871
2	0.1600	0.1489	0.1215	0.1600
3	0.2298	0.2139	0.1746	0.2298
4	0.3020	0.2811	0.2294	0.3020
5	0.3768	0.3507	0.2863	0.3768
6	0.4545	0.4230	0.3453	0.4545
7	0.5353	0.4982	0.4066	0.5353
8	0.6195	0.5765	0.4706	0.6195
9	0.7074	0.6584	0.5374	0.7074
10	0.7995	0.7441	0.6073	0.7995
11	0.8962	0.8341	0.6808	0.8962
12	0.9980	0.9289	0.7581	0.9980
13	1.1056	1.0290	0.8399	1.1056
14	1.2196	1.1351	0.9265	1.2196
15	1.3408	1.2479	1.0185	1.3408
16	1.4701	1.3683	1.1168	1.4701
17	1.6087	1.4972	1.2220	1.6087
18	1.7576	1.6358	1.3351	1.7576
19	1.9182	1.7853	1.4572	1.9182
20	2.0922	1.9473	1.5894	2.0922
21	2.2814	2.1233	1.7330	2.2814
22	2.4878	2.3154	1.8898	2.4878
23	2.7138	2.5257	2.0615	2.7138
24	2.9621	2.7569	2.2501	2.9621
25	3.2360	3.0117	2.4582	3.2360

PROPOSED FHCF 2018 Residential Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level:

45%

Deductible: 2%

ZIP Code				Non-MH Default
<u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	<u>Unknown</u>
1	0.0522	0.0486	0.0397	0.0522
2	0.0960	0.0893	0.0729	0.0960
3	0.1379	0.1283	0.1047	0.1379
4	0.1812	0.1686	0.1376	0.1812
5	0.2261	0.2104	0.1718	0.2261
6	0.2727	0.2538	0.2072	0.2727
7	0.3212	0.2989	0.2440	0.3212
8	0.3717	0.3459	0.2823	0.3717
9	0.4244	0.3950	0.3224	0.4244
10	0.4797	0.4465	0.3644	0.4797
11	0.5377	0.5005	0.4085	0.5377
12	0.5988	0.5573	0.4549	0.5988
13	0.6634	0.6174	0.5039	0.6634
14	0.7318	0.6810	0.5559	0.7318
15	0.8045	0.7487	0.6111	0.8045
16	0.8821	0.8210	0.6701	0.8821
17	0.9652	0.8983	0.7332	0.9652
18	1.0545	0.9815	0.8011	1.0545
19	1.1509	1.0712	0.8743	1.1509
20	1.2553	1.1684	0.9536	1.2553
21	1.3688	1.2740	1.0398	1.3688
22	1.4927	1.3892	1.1339	1.4927
23	1.6283	1.5154	1.2369	1.6283
24	1.7773	1.6541	1.3501	1.7773
25	1.9416	1.8070	1.4749	1.9416

PROPOSED FHCF 2018 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

Deductible: \$251 - \$500

ZIP Code <u>Group</u>	Fully Tied Down Prior to 7/13/94	Manufactured <u>On or After 7/13/94</u>	Other than Fully Tied <u>Unknown</u>
1	0.4193	0.4067	0.5735
2	0.7705	0.7475	1.0541
3	1.1066	1.0735	1.5138
4	1.4544	1.4108	1.9895
5	1.8147	1.7604	2.4825
6	2.1888	2.1232	2.9941
7	2.5778	2.5006	3.5263
8	2.9832	2.8938	4.0809
9	3.4067	3.3046	4.6602
10	3.8503	3.7349	5.2669
11	4.3160	4.1866	5.9040
12	4.8064	4.6623	6.5748
13	5.3244	5.1649	7.2835
14	5.8734	5.6974	8.0345
15	6.4572	6.2637	8.8330
16	7.0801	6.8679	9.6851
17	7.7472	7.5150	10.5977
18	8.4643	8.2107	11.5787
19	9.2381	8.9612	12.6371
20	10.0760	9.7740	13.7833
21	10.9869	10.6576	15.0294
22	11.9808	11.6217	16.3890
23	13.0692	12.6775	17.8778
24	14.2652	13.8377	19.5139
25	15.5841	15.1170	21.3180

PROPOSED FHCF 2018 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

Deductible: \$251 - \$500

ZIP Code <u>Group</u>	Fully Tied Down - <u>Prior to 7/13/94</u>	- Manufactured <u>On or After 7/13/94</u>	Other than Fully Tied <u>Unknown</u>
1	0.3494	0.3389	0.4779
2	0.6421	0.6229	0.8784
3	0.9222	0.8946	1.2615
4	1.2120	1.1757	1.6579
5	1.5123	1.4670	2.0687
6	1.8240	1.7693	2.4951
7	2.1482	2.0838	2.9386
8	2.4860	2.4115	3.4007
9	2.8390	2.7539	3.8835
10	3.2085	3.1124	4.3891
11	3.5966	3.4888	4.9200
12	4.0053	3.8853	5.4790
13	4.4370	4.3040	6.0696
14	4.8945	4.7478	6.6954
15	5.3810	5.2197	7.3609
16	5.9001	5.7233	8.0710
17	6.4560	6.2625	8.8314
18	7.0536	6.8422	9.6489
19	7.6984	7.4677	10.5309
20	8.3967	8.1450	11.4861
21	9.1558	8.8814	12.5245
22	9.9840	9.6848	13.6575
23	10.8910	10.5646	14.8982
24	11.8877	11.5314	16.2616
25	12.9867	12.5975	17.7650

PROPOSED FHCF 2018 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 45%

Deductible: \$251 - \$500

ZIP Code <u>Group</u>	Fully Tied Down - <u>Prior to 7/13/94</u>	- Manufactured <u>On or After 7/13/94</u>	Other than Fully Tied <u>Unknown</u>
1	0.2096	0.2033	0.2868
2	0.3853	0.3737	0.5270
3	0.5533	0.5367	0.7569
4	0.7272	0.7054	0.9948
5	0.9074	0.8802	1.2412
6	1.0944	1.0616	1.4971
7	1.2889	1.2503	1.7631
8	1.4916	1.4469	2.0404
9	1.7034	1.6523	2.3301
10	1.9251	1.8674	2.6335
11	2.1580	2.0933	2.9520
12	2.4032	2.3312	3.2874
13	2.6622	2.5824	3.6417
14	2.9367	2.8487	4.0172
15	3.2286	3.1318	4.4165
16	3.5401	3.4340	4.8426
17	3.8736	3.7575	5.2989
18	4.2322	4.1053	5.7893
19	4.6190	4.4806	6.3185
20	5.0380	4.8870	6.8917
21	5.4935	5.3288	7.5147
22	5.9904	5.8109	8.1945
23	6.5346	6.3387	8.9389
24	7.1326	6.9188	9.7570
25	7.7920	7.5585	10.6590

PROPOSED FHCF 2018 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

90%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code <u>Group</u>	Frame	Masonry Veneer	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	Superior	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.0586	0.0568	0.0443	0.0369	0.0301	0.0260	0.0426
2	0.1078	0.1045	0.0815	0.0679	0.0554	0.0478	0.0784
3	0.1548	0.1500	0.1170	0.0975	0.0796	0.0687	0.1126
4	0.2034	0.1972	0.1538	0.1281	0.1046	0.0903	0.1479
5	0.2538	0.2460	0.1919	0.1598	0.1305	0.1126	0.1846
6	0.3061	0.2968	0.2315	0.1928	0.1574	0.1358	0.2226
7	0.3606	0.3495	0.2726	0.2271	0.1854	0.1600	0.2622
8	0.4173	0.4045	0.3155	0.2628	0.2145	0.1851	0.3034
9	0.4765	0.4619	0.3603	0.3001	0.2450	0.2114	0.3465
10	0.5385	0.5220	0.4072	0.3391	0.2768	0.2389	0.3916
11	0.6037	0.5852	0.4565	0.3802	0.3103	0.2678	0.4390
12	0.6723	0.6517	0.5083	0.4234	0.3456	0.2983	0.4888
13	0.7447	0.7219	0.5631	0.4690	0.3828	0.3304	0.5415
14	0.8215	0.7963	0.6212	0.5173	0.4223	0.3645	0.5974
15	0.9032	0.8755	0.6829	0.5688	0.4643	0.4007	0.6567
16	0.9903	0.9599	0.7488	0.6236	0.5091	0.4394	0.7201
17	1.0836	1.0504	0.8194	0.6824	0.5571	0.4808	0.7880
18	1.1839	1.1476	0.8952	0.7456	0.6086	0.5253	0.8609
19	1.2921	1.2525	0.9770	0.8137	0.6643	0.5733	0.9396
20	1.4093	1.3661	1.0657	0.8875	0.7245	0.6253	1.0248
21	1.5368	1.4896	1.1620	0.9678	0.7900	0.6818	1.1175
22	1.6758	1.6244	1.2671	1.0553	0.8615	0.7435	1.2185
23	1.8280	1.7720	1.3822	1.1512	0.9397	0.8110	1.3292
24	1.9953	1.9341	1.5087	1.2565	1.0257	0.8853	1.4509
25	2.1798	2.1129	1.6482	1.3727	1.1206	0.9671	1.5850

PROPOSED FHCF 2018 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

75%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default and Unknown
1	0.0489	0.0474	0.0370	0.0308	0.0251	0.0217	0.0355
2	0.0489	0.0474	0.0679	0.0566	0.0462	0.0398	0.0653
3	0.1290	0.1250	0.0975	0.0812	0.0663	0.0572	0.0938
4	0.1695	0.1643	0.1282	0.1068	0.0871	0.0752	0.1233
5	0.2115	0.2050	0.1599	0.1332	0.1087	0.0938	0.1538
6	0.2551	0.2473	0.1929	0.1607	0.1312	0.1132	0.1855
7	0.3005	0.2913	0.2272	0.1892	0.1545	0.1333	0.2185
8	0.3477	0.3371	0.2629	0.2190	0.1788	0.1543	0.2528
9	0.3971	0.3849	0.3003	0.2501	0.2041	0.1762	0.2887
10	0.4488	0.4350	0.3393	0.2826	0.2307	0.1991	0.3263
11	0.5031	0.4876	0.3804	0.3168	0.2586	0.2232	0.3658
12	0.5602	0.5431	0.4236	0.3528	0.2880	0.2486	0.4074
13	0.6206	0.6016	0.4693	0.3908	0.3190	0.2753	0.4513
14	0.6846	0.6636	0.5177	0.4311	0.3519	0.3037	0.4978
15	0.7526	0.7296	0.5691	0.4740	0.3869	0.3339	0.5473
16	0.8253	0.8000	0.6240	0.5197	0.4242	0.3661	0.6001
17	0.9030	0.8753	0.6828	0.5687	0.4642	0.4006	0.6566
18	0.9866	0.9564	0.7460	0.6213	0.5072	0.4377	0.7174
19	1.0768	1.0438	0.8142	0.6781	0.5535	0.4777	0.7830
20	1.1745	1.1385	0.8881	0.7396	0.6038	0.5211	0.8540
21	1.2806	1.2414	0.9683	0.8065	0.6583	0.5682	0.9312
22	1.3965	1.3537	1.0559	0.8794	0.7179	0.6196	1.0154
23	1.5233	1.4766	1.1519	0.9593	0.7831	0.6759	1.1077
24	1.6627	1.6118	1.2573	1.0471	0.8548	0.7377	1.2091
25	1.8165	1.7608	1.3735	1.1439	0.9338	0.8059	1.3208

PROPOSED FHCF 2018 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

45%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code Group	Frame	Masonry Veneer	Masonry	Masonry with Reinforced Concrete Roof Deck	Superior	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default and Unknown
<u>0.00p</u>							
1	0.0293	0.0284	0.0222	0.0185	0.0151	0.0130	0.0213
2	0.0539	0.0522	0.0407	0.0339	0.0277	0.0239	0.0392
3	0.0774	0.0750	0.0585	0.0487	0.0398	0.0343	0.0563
4	0.1017	0.0986	0.0769	0.0641	0.0523	0.0451	0.0740
5	0.1269	0.1230	0.0960	0.0799	0.0652	0.0563	0.0923
6	0.1531	0.1484	0.1157	0.0964	0.0787	0.0679	0.1113
7	0.1803	0.1748	0.1363	0.1135	0.0927	0.0800	0.1311
8	0.2086	0.2022	0.1578	0.1314	0.1073	0.0926	0.1517
9	0.2383	0.2309	0.1802	0.1500	0.1225	0.1057	0.1732
10	0.2693	0.2610	0.2036	0.1696	0.1384	0.1195	0.1958
11	0.3018	0.2926	0.2282	0.1901	0.1552	0.1339	0.2195
12	0.3361	0.3258	0.2542	0.2117	0.1728	0.1491	0.2444
13	0.3724	0.3610	0.2816	0.2345	0.1914	0.1652	0.2708
14	0.4108	0.3982	0.3106	0.2587	0.2112	0.1822	0.2987
15	0.4516	0.4377	0.3415	0.2844	0.2321	0.2004	0.3284
16	0.4952	0.4800	0.3744	0.3118	0.2545	0.2197	0.3601
17	0.5418	0.5252	0.4097	0.3412	0.2785	0.2404	0.3940
18	0.5920	0.5738	0.4476	0.3728	0.3043	0.2626	0.4304
19	0.6461	0.6263	0.4885	0.4069	0.3321	0.2866	0.4698
20	0.7047	0.6831	0.5328	0.4438	0.3623	0.3126	0.5124
21	0.7684	0.7448	0.5810	0.4839	0.3950	0.3409	0.5587
22	0.8379	0.8122	0.6336	0.5277	0.4307	0.3717	0.6093
23	0.9140	0.8860	0.6911	0.5756	0.4699	0.4055	0.6646
24	0.9976	0.9671	0.7544	0.6283	0.5129	0.4426	0.7254
25	1.0899	1.0565	0.8241	0.6863	0.5603	0.4836	0.7925

PROPOSED FHCF 2018 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

90%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code <u>Group</u>	<u>Frame</u>	<u>Masonry Veneer</u>	Masonry	Masonry with Reinforced Concrete <u>Roof Deck</u>	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.1174	0.1032	0.0855	0.0665	0.0555	0.0401	0.0813
2	0.2158	0.1896	0.1572	0.1222	0.1020	0.0738	0.1495
3	0.3099	0.2723	0.2258	0.1755	0.1465	0.1060	0.2147
4	0.4073	0.3578	0.2967	0.2306	0.1925	0.1393	0.2822
5	0.5082	0.4465	0.3702	0.2878	0.2402	0.1738	0.3521
6	0.6130	0.5385	0.4465	0.3471	0.2897	0.2096	0.4246
7	0.7219	0.6343	0.5259	0.4088	0.3412	0.2468	0.5001
8	0.8355	0.7340	0.6086	0.4730	0.3948	0.2856	0.5788
9	0.9541	0.8382	0.6950	0.5402	0.4509	0.3262	0.6609
10	1.0783	0.9473	0.7855	0.6105	0.5096	0.3686	0.7470
11	1.2087	1.0619	0.8805	0.6844	0.5712	0.4132	0.8373
12	1.3461	1.1826	0.9806	0.7621	0.6361	0.4602	0.9325
13	1.4912	1.3100	1.0863	0.8443	0.7047	0.5098	1.0330
14	1.6449	1.4451	1.1983	0.9313	0.7774	0.5624	1.1395
15	1.8084	1.5888	1.3174	1.0239	0.8546	0.6183	1.2527
16	1.9829	1.7420	1.4445	1.1227	0.9371	0.6779	1.3736
17	2.1697	1.9062	1.5806	1.2284	1.0254	0.7418	1.5030
18	2.3706	2.0826	1.7269	1.3422	1.1203	0.8104	1.6421
19	2.5872	2.2730	1.8847	1.4648	1.2227	0.8845	1.7922
20	2.8219	2.4791	2.0557	1.5977	1.3336	0.9647	1.9548
21	3.0770	2.7033	2.2415	1.7421	1.4541	1.0520	2.1315
22	3.3554	2.9478	2.4443	1.8997	1.5857	1.1471	2.3244
23	3.6602	3.2156	2.6663	2.0723	1.7297	1.2513	2.5355
24	3.9952	3.5099	2.9103	2.2620	1.8880	1.3659	2.7675
25	4.3645	3.8344	3.1794	2.4711	2.0626	1.4921	3.0234

PROPOSED FHCF 2018 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

75%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code <u>Group</u>	Frame	<u>Masonry Veneer</u>	<u>Masonry</u>	Masonry with Reinforced Concrete <u>Roof Deck</u>	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.0978	0.0860	0.0713	0.0554	0.0462	0.0335	0.0678
2	0.1798	0.1580	0.1310	0.1018	0.0850	0.0615	0.1246
3	0.2583	0.2269	0.1881	0.1462	0.1221	0.0883	0.1789
4	0.3394	0.2982	0.2473	0.1922	0.1604	0.1160	0.2351
5	0.4235	0.3721	0.3085	0.2398	0.2002	0.1448	0.2934
6	0.5108	0.4488	0.3721	0.2892	0.2414	0.1746	0.3539
7	0.6016	0.5285	0.4383	0.3406	0.2843	0.2057	0.4168
8	0.6962	0.6117	0.5072	0.3942	0.3290	0.2380	0.4823
9	0.7951	0.6985	0.5792	0.4502	0.3757	0.2718	0.5508
10	0.8986	0.7894	0.6546	0.5088	0.4247	0.3072	0.6225
11	1.0073	0.8849	0.7338	0.5703	0.4760	0.3444	0.6978
12	1.1217	0.9855	0.8171	0.6351	0.5301	0.3835	0.7771
13	1.2426	1.0917	0.9052	0.7036	0.5873	0.4248	0.8608
14	1.3708	1.2043	0.9986	0.7761	0.6478	0.4686	0.9496
15	1.5070	1.3240	1.0978	0.8532	0.7122	0.5152	1.0439
16	1.6524	1.4517	1.2037	0.9356	0.7809	0.5649	1.1447
17	1.8081	1.5885	1.3171	1.0237	0.8545	0.6181	1.2525
18	1.9755	1.7355	1.4390	1.1185	0.9336	0.6754	1.3684
19	2.1560	1.8941	1.5706	1.2207	1.0189	0.7371	1.4935
20	2.3516	2.0659	1.7131	1.3314	1.1113	0.8040	1.6290
21	2.5642	2.2527	1.8679	1.4518	1.2118	0.8766	1.7763
22	2.7962	2.4565	2.0369	1.5831	1.3214	0.9559	1.9370
23	3.0502	2.6797	2.2219	1.7269	1.4415	1.0428	2.1129
24	3.3293	2.9249	2.4253	1.8850	1.5734	1.1382	2.3063
25	3.6371	3.1953	2.6495	2.0592	1.7188	1.2434	2.5195

PROPOSED FHCF 2018 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

45%

Rates are Dollars per \$1000 of Exposure

Coverage Level:

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Masonry with Reinforced Concrete <u>Roof Deck</u>	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default <u>and Unknown</u>
1	0.0587	0.0516	0.0428	0.0332	0.0277	0.0201	0.0407
2	0.1079	0.0948	0.0786	0.0611	0.0510	0.0369	0.0747
3	0.1550	0.1361	0.1129	0.0877	0.0732	0.0530	0.1073
4	0.2037	0.1789	0.1484	0.1153	0.0962	0.0696	0.1411
5	0.2541	0.2233	0.1851	0.1439	0.1201	0.0869	0.1760
6	0.3065	0.2693	0.2233	0.1735	0.1448	0.1048	0.2123
7	0.3610	0.3171	0.2630	0.2044	0.1706	0.1234	0.2501
8	0.4177	0.3670	0.3043	0.2365	0.1974	0.1428	0.2894
9	0.4771	0.4191	0.3475	0.2701	0.2254	0.1631	0.3305
10	0.5392	0.4737	0.3928	0.3053	0.2548	0.1843	0.3735
11	0.6044	0.5310	0.4403	0.3422	0.2856	0.2066	0.4187
12	0.6730	0.5913	0.4903	0.3811	0.3181	0.2301	0.4662
13	0.7456	0.6550	0.5431	0.4221	0.3524	0.2549	0.5165
14	0.8225	0.7226	0.5991	0.4657	0.3887	0.2812	0.5697
15	0.9042	0.7944	0.6587	0.5119	0.4273	0.3091	0.6264
16	0.9914	0.8710	0.7222	0.5613	0.4685	0.3389	0.6868
17	1.0849	0.9531	0.7903	0.6142	0.5127	0.3709	0.7515
18	1.1853	1.0413	0.8634	0.6711	0.5601	0.4052	0.8211
19	1.2936	1.1365	0.9424	0.7324	0.6113	0.4423	0.8961
20	1.4110	1.2396	1.0278	0.7989	0.6668	0.4824	0.9774
21	1.5385	1.3516	1.1208	0.8711	0.7271	0.5260	1.0658
22	1.6777	1.4739	1.2221	0.9499	0.7928	0.5736	1.1622
23	1.8301	1.6078	1.3332	1.0362	0.8649	0.6257	1.2678
24	1.9976	1.7549	1.4552	1.1310	0.9440	0.6829	1.3838
25	2.1823	1.9172	1.5897	1.2355	1.0313	0.7461	1.5117

Florida Hurricane Catastrophe Fund

2018 Ratemaking Formula Report Windstorm Mitigation Construction Rating Classification Factors

To Calculate the Final FHCF Rate for a risk:

Preliminary factor = (year built factor) x (roof shape factor) x (opening protection factor) Capped factor* = Preliminary Factor

Final rate = (Base rate) x (Capped factor) x (On balance factor)

*Capped factor = 100% of Preliminary Factor (i.e. no cap in current factors)

		Type of Business				
				Mobile		
Rating Factor	Description	Commercial	Residential	Home	Tenants	Condos
	2012 or later	0.4029	0.4321	1.0000	0.4496	0.4336
	2002 - 2011	0.4273	0.4640	1.0000	0.4787	0.4586
Year Built	1995-2001	0.6558	0.7323	1.0000	0.7431	0.7201
rear built	1994 or Earlier	1.3256	1.4177	1.0000	1.4051	1.3424
	Unknown or Mobile Home	1.0943	1.0309	1.0000	1.0479	1.0209
Roof Shape	Hip, Mansard, or Pyramid	0.8605	0.8395	1.0000	0.7836	0.8032
Roof Shape	Gable, Other or Unknown	1.0418	1.1138	1.0000	1.0116	1.0374
	Structure Opening Protection**	0.8200	0.8451	1.0000	0.7458	0.7940
Opening Protection	No Structure Opening Protection	1.0693	1.0910	1.0000	1.0086	1.1089
On Delance Frater		0.0775	0.0007	1 0000	0.0050	0.0005
On Balance Factor		0.9775	0.9667	1.0000	0.9956	0.9835

**Structure Opening Protection Credit requires that primary policy has structure opening protection credit.

EXHIBIT

XV

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report 2017 FHCF Exposure and Risks as of 10/25/17

	Total Exposure (\$)							
2018 FHCF Rating Region	Commercial	Residential	Mobile Home	Tenants	Condominium- Owners	Total		
1	4,376,298,663	205,508,017,627	4,843,646,413	3,359,241,315	2,702,474,653	220,789,678,671		
2	769,615,302	75,733,553,882	1,852,193,599	786,981,883	1,348,943,022	80,491,287,688		
3	5,966,900,506	239,232,919,082	3,824,167,994	3,681,388,862	4,237,687,973	256,943,064,417		
4	7,074,667,036	272,774,713,340	4,024,596,661	3,986,222,765	3,899,841,624	291,760,041,426		
5	4,016,701,804	118,303,543,794	4,051,301,741	1,442,588,663	2,762,469,750	130,576,605,752		
6	5,018,914,033	104,283,687,416	1,744,046,990	1,436,698,858	3,440,311,783	115,923,659,080		
7	8,015,941,651	111,140,336,569	2,117,842,918	1,528,642,242	5,647,607,869	128,450,371,249		
8	7,458,819,798	79,310,338,875	547,283,005	1,047,821,253	5,477,447,016	93,841,709,947		
9	6,728,623,835	80,461,811,612	692,757,361	1,101,795,455	4,854,637,954	93,839,626,217		
10	6,135,006,543	79,652,153,526	314,405,397	1,055,326,711	5,072,399,716	92,229,291,893		
11	19,584,842,546	127,002,481,452	798,849,882	1,848,566,729	10,557,849,349	159,792,589,958		
12	9,847,066,134	74,379,360,245	239,365,682	1,096,148,396	5,260,900,746	90,822,841,203		
13	15,091,787,507	77,017,715,665	641,721,304	974,472,464	6,672,051,240	100,397,748,180		
14	6,996,906,859	47,352,371,863	247,645,886	521,736,112	3,849,319,655	58,967,980,375		
15	4,549,817,988	35,782,212,258	149,608,865	461,048,341	3,450,987,128	44,393,674,580		
16	2,327,733,088	23,420,571,293	7,632,138	241,944,112	1,536,437,364	27,534,317,995		
17	2,049,545,964	17,529,084,178	101,255,078	240,651,659	965,794,461	20,886,331,340		
18	5,186,632,087	37,195,080,292	49,831,259	482,795,741	3,103,262,959	46,017,602,338		
19	4,926,994,520	19,228,349,624	8,688,501	516,955,053	3,431,419,131	28,112,406,829		
20	3,594,109,777	10,928,873,677	13,090,685	392,712,854	2,540,750,731	17,469,537,724		
21	7,813,171,328	16,148,732,634	49,361,233	414,457,239	4,711,918,720	29,137,641,154		
22	5,221,163,860	8,813,608,185	-	344,886,106	4,003,680,044	18,383,338,195		
23	4,324,420,859	3,530,822,265	-	157,746,023	2,880,649,237	10,893,638,384		
24	4,010,420,169	7,007,322,002	24,912,387	197,577,618	2,706,207,283	13,946,439,459		
25	1,851,156,119	2,014,871,147	6,374,790	53,209,919	1,349,288,586	5,274,900,561		
Total	\$152,937,257,976	\$1,873,752,532,503	\$26,350,579,769	\$27,371,616,373	\$96,464,337,994	\$2,176,876,324,615		
1-5	\$22,204,183,311	\$911,552,747,725	\$18,595,906,408	\$13,256,423,488	\$14,951,417,022	\$980,560,677,954		
6-10	\$33,357,305,860	\$454,848,327,998	\$5,416,335,671	\$6,170,284,519	\$24,492,404,338	\$524,284,658,386		
11-15	\$56,070,421,034	\$361,534,141,483	\$2,077,191,619	\$4,901,972,042	\$29,791,108,118	\$454,374,834,296		
16-20	\$18,085,015,436	\$108,301,959,064	\$180,497,661	\$1,875,059,419	\$11,577,664,646	\$140,020,196,226		
21-25	\$23,220,332,335	\$37,515,356,233	\$80,648,410	\$1,167,876,905	\$15,651,743,870	\$77,635,957,753		
	% of Total within Type	e of Business						
1-5	14.5%	48.6%	70.6%	48.4%	15.5%	45.0%		
6-10	21.8%	24.3%	20.6%	22.5%	25.4%	24.1%		
11-15	36.7%	19.3%	7.9%	17.9%	30.9%	20.9%		
16-20	11.8%	5.8%	0.7%	6.9%	12.0%	6.4%		
21-25	15.2%	2.0%	0.3%	4.3%	16.2%	3.6%		
-	% of Total within Terr	,						
Total	7.0%	86.1%	1.2%	1.3%	4.4%	100.0%		
1-5	2.3%	93.0%	1.9%	1.4%	1.5%	100.0%		
6-10	6.4%	86.8%	1.0%	1.2%	4.7%	100.0%		
11-15	12.3%	79.6%	0.5%	1.1%	6.6%	100.0%		
16-20	12.9%	77.3%	0.1%	1.3%	8.3%	100.0%		
21-25	29.9%	48.3%	0.1%	1.5%	20.2%	100.0%		

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report 2017 FHCF Exposure and Risks as of 10/25/17

	Total Risks							
2018 FHCF Rating Region	Commercial	Residential	Mobile Home	Tenants	Condominium- Owners	Total		
1	4,494	507,055	60,167	133,858	25,612	731,186		
2	1,486	186,375	23,677	27,289	10,435	249,262		
3	6,586	566,935	45,855	147,259	40,021	806,656		
4	14,561	638,892	49,670	162,844	38,181	904,148		
5	9,492	321,923	48,736	59,955	28,492	468,598		
6	30,963	268,580	23,646	60,468	35,292	418,949		
7	20,305	267,394	27,132	66,066	54,355	435,252		
8	11,838	204,451	8,656	42,860	54,547	322,352		
9	20,671	181,280	10,517	42,532	41,462	296,462		
10	10,702	171,655	4,757	39,488	42,809	269,411		
11	22,288	266,420	9,883	72,283	111,097	481,971		
12	10,823	154,418	3,090	41,602	55,851	265,784		
13	13,751	190,210	7,522	40,576	75,911	327,970		
14	7,325	140,250	3,702	21,753	32,928	205,958		
15	4,719	83,736	2,290	15,984	24,445	131,174		
16	2,301	41,640	189	6,348	10,931	61,409		
17	2,194	41,386	1,626	9,622	11,448	66,276		
18	3,511	76,161	798	15,880	25,941	122,291		
19	3,148	33,595	120	17,460	26,179	80,502		
20	1,997	21,644	365	12,029	15,520	51,555		
21	2,435	19,096	819	12,061	31,402	65,813		
22	1,874	13,077	-	9,237	23,891	48,079		
23	682	3,935	-	4,066	13,767	22,450		
24	1,691	7,406	609	4,981	13,218	27,905		
25	225	2,308	146	818	2,516	6,013		
Total	210,062	4,409,822	333,972	1,067,319	846,251	6,867,426		
1-5	36,619	2,221,180	228,105	531,205	142,741	3,159,850		
6-10	94,479	1,093,360	74,708	251,414	228,465	1,742,426		
11-15	58,906	835,034	26,487	192,198	300,232	1,412,857		
16-20	13,151	214,426	3,098	61,339	90,019	382,033		
21-25	6,907	45,822	1,574	31,163	84,794	170,260		
4 5	% of Total with			40.0%	40.00/	40.00		
1-5	17.4%	50.4%	68.3%	49.8%	16.9%	46.0%		
6-10	45.0%	24.8%	22.4%	23.6%	27.0%	25.4%		
11-15	28.0%	18.9%	7.9%	18.0%		20.6%		
16-20	6.3%	4.9%	0.9%	5.7%	10.6%	5.6%		
21-25	3.3%	1.0%	0.5%	2.9%	10.0%	2.5%		
-	% of Total with	•						
Total	3.1%	64.2%	4.9%	15.5%	12.3%	100.0%		
1-5	1.2%	70.3%	7.2%	16.8%	4.5%	100.0%		
6-10	5.4%	62.7%	4.3%	14.4%	13.1%	100.0%		
11-15	4.2%	59.1%	1.9%	13.6%	21.2%	100.0%		
16-20	3.4%	56.1%	0.8%	16.1%	23.6%	100.0%		
21-25	4.1%	26.9%	0.9%	18.3%	49.8%	100.0%		

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report 2017 FHCF Exposure and Risks as of 10/25/17

		A	verages		
2018 FHCF Rating Region	Commercial	Residential	Mobile Home	Tenants	Condominium- Owners
1	973,809	405,297	80,503	25,096	105,516
2	517,911	406,350	78,228	28,839	129,271
3	905,998	421,976	83,397	24,999	105,887
4	485,864	426,950	81,027	24,479	102,141
5	423,167	367,490	83,127	24,061	96,956
6	162,094	388,278	73,757	23,760	97,481
7	394,777	415,643	78,057	23,138	103,902
8	630,074	387,919	63,226	24,448	100,417
9	325,510	443,854	65,870	25,905	117,086
10	573,258	464,025	66,093	26,725	118,489
11	878,717	476,700	80,831	25,574	95,033
12	909,828	481,675	77,465	26,348	94,195
13	1,097,505	404,909	85,313	24,016	87,893
14	955,209	337,628	66,895	23,985	116,901
15	964,149	427,322	65,331	28,844	141,174
16	1,011,618	562,454	40,382	38,113	140,558
17	934,160	423,551	62,272	25,011	84,364
18	1,477,252	488,374	62,445	30,403	119,628
19	1,565,119	572,357	72,404	29,608	131,075
20	1,799,755	504,938	35,865	32,647	163,708
21	3,208,695	845,660	60,270	34,363	150,052
22	2,786,107	673,978	-	37,337	167,581
23	6,340,793	897,286	-	38,796	209,243
24	2,371,626	946,168	40,907	39,666	204,737
25	8,227,361	872,994	43,663	65,049	536,283
Total	\$728,058	\$424,904	\$78,901	\$25,645	\$113,990
1-5	\$606,357	\$410,391	\$81,523	\$24,955	\$104,745
6-10	\$353,066	\$416,010	\$72,500	\$24,542	\$107,204
11-15	\$951,863	\$432,957	\$78,423	\$25,505	\$99,227
16-20	\$1,375,182	\$505,078	\$58,263	\$30,569	\$128,614
21-25	\$3,361,855	\$818,719	\$51,238	\$37,476	\$184,586

EXHIBIT

XVI

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Valid Zip Codes 2018 Residential Masonry Base Premium (2% Deductible) Comparison Prior to Application of Premium Credits/Surcharges

% Change in Rates

Maximum Decrease-21.59%Minimum Decrease-1.68%

Threshold		Count of ZIP	Percentage of Zip Codes in	Residential Exposure	Percentage of Res Exposure in	Residential Exposure Risk Counts	Percentage of Risk Counts in
From	То	Codes	Group	(in 000's)	Group	(Houses)	Group
Less Than	-15%	5	0.34%	6,887,169	0.41%	13,265	0.34%
-15%	-10%	16	1.10%	23,665,568	1.41%	43,740	1.14%
-10%	-5%	683	46.75%	840,587,252	50.21%	1,990,931	51.76%
-5%	0%	757	51.81%	802,902,175	47.96%	1,798,493	46.76%
0%	5%	0	0.00%	-	0.00%	-	0.00%
5%	10%	0	0.00%	-	0.00%	-	0.00%
10%	15%	0	0.00%	-	0.00%	-	0.00%
Greater Than	15%	0	0.00%	-	0.00%	-	0.00%
		1461	100.00%	1,674,042,163	100.00%	3,846,429	100.00%
New ZIP Codes	s in 2018	0	0.00%	-	0.00%	-	0.00%
		1461	100.00%	1,674,042,163	100.00%	3,846,429	100.00%

\$ Change in Rates

Maximum Decrease	(\$101.12)
Minimum Decrease	(\$1.21)

			Percentage of	Residential	Percentage of	Residential Exposure	Percentage of
Premium Th	reshold*	Count of ZIP	Zip Codes in	Exposure	Res Exposure in	Risk Counts	Risk Counts in
From	То	Codes	Group	(in 000's)	Group	(Houses)	Group
-\$115	-\$80	3	0.21%	-	0.00%	-	0.00%
-\$80	-\$40	20	1.37%	30,552,737	1.83%	57,005	1.48%
-\$40	-\$10	712	48.73%	802,323,412	47.93%	1,808,642	47.02%
-\$10	\$0	726	49.69%	841,166,015	50.25%	1,980,782	51.50%
\$0	\$10	0	0.00%	-	0.00%	-	0.00%
\$10	\$20	0	0.00%	-	0.00%	-	0.00%
\$20	\$30	0	0.00%	-	0.00%	-	0.00%
\$30	\$40	0	0.00%	-	0.00%	-	0.00%
		1461	100.00%	1,674,042,163	100.00%	3,846,429	100.00%
New ZIP Cod	les in 2018	0	0.00%	-	0.00%	-	0.00%
		1461	100.00%	1,674,042,163	100.00%	3,846,429	100.00%

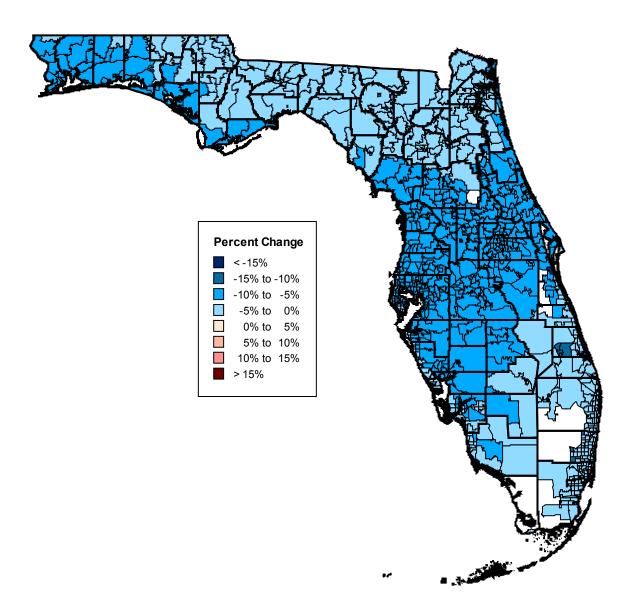
*Exposure Assumptions

Coverages:	\$	256 Building Value	
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(in thousands) \$ 26 Appurtenant Structures

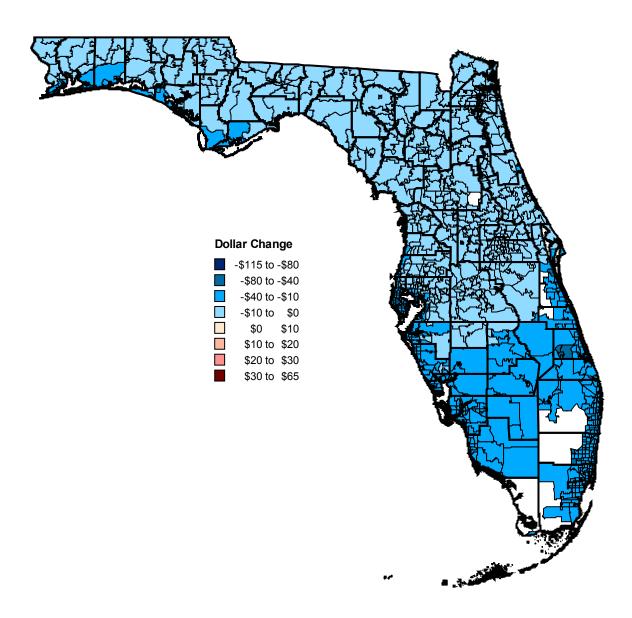
- \$ 128 Contents
- \$ 26 Additional Living Expense
- \$ 435 FHCF Exposure

Florida Hurricane Catastrophe Fund Proposed 2018 Percentage Rate Change by 5-Digit ZIP Code Entire State



Updated 06/13/2018

Florida Hurricane Catastrophe Fund Proposed 2018 Dollar Rate Change by 5-Digit ZIP Code Entire State



Updated 06/13/2018

EXHIBIT

XVII

Florida Hurricane Catastrophe Fund 2018 Ratemaking Premium Formula Report Exhibit XVII - Risk Transfer Options Formula

The rates presented in this report include a loading for the cost of risk transfer for the \$1 billion excess of \$10.5 billion layer, assuming reinsurance premium equal to the 2018 initial premium of \$63.0 million. Should the FHCF enter into a different risk transfer arrangement, the impact of the cost shall be determined, and the 2018-2019 FHCF premium rates and factors would be accordingly adjusted, by using the formula specified in this Exhibit.

The estimates for FHCF loss credits are based on the average of the AIR and RMS data distributions in Exhibit VIII. Exhibit XVII is based on the same loss severity distribution and displays probability of exceedance for specific FHCF layers with the adjustments to the FHCF loss layer level prior to fixed expenses. These values are used to illustrate a range of potential risk transfer structures, costs and factors in the tables of this exhibit.

To adjust the FHCF premium/rates to account for the impact of a future risk transfer arrangement, if any, the rates presented in this 2018 Ratemaking Formula Report would be adjusted by a Risk Transfer Adjustment Factor (RTAF):

Amended FHCF Rate = Original FHCF Rate x RTAF

The details of the formula calculation are provided below.

Definitions

- 1. Amended FHCF Rate: Original FHCF Rate x RTAF
- 2. Amended FHCF Rate Change: FHCF Current Rate Change x RTAF
- 3. Amended FHCF Projected Payout Multiple: FHCF Current Projected Payout Multiple/RTAF
- 4. Amended FHCF Retention Multiple: FHCF Current Retention Multiple/RTAF
- 5. AP = Amended FHCF Premium: OP x RTAF
- 6. CBF: Cash Build-up Factor [25% for the 2018 Contract Year]
- 7. ELC: Expected Loss Credit
- 8. NRCP: Net Risk Transfer Cost Premium = (RTC (ELC x (1+CBF))
- 9. OP = Original FHCF Premium: \$1,109,316,664 for the 2018 Contract Year [Exh. II, line 73]
- 10. ONRCP: = Original Net Risk Transfer Cost Premium = Reinsurance [Exh. II, line 45a] (ceded loss and lae [Exh. II, line 21] x (1+CBF)) = \$63,000,000 (\$28,219,485 x 1.25) = \$27,725,644
- 11. RTAF = (OP ONRCP + NRCP) / OP
- 12. RTC: Risk Transfer Costs

Calculation of the Expected Loss Credit (ELC)

The ELC is calculated, based on the Modeled Adjusted Loss Severity Distributions in Exhibit XVII, as ELC = $((P(LA) + P(LE)/2)) \times (LE - LA)) \times TUP$, whereas:

- 1. LA : Layer Attachment
- 2. LE : Layer Exhaustion
- 3. P(LA) : probability of exceedance for Layer Attachment
- 4. P(LE) : probability of exceedance for Layer Exhaustion
- TUP: True Up Factor = FHCF Losses Prior to special adjustments and expenses (Exh. II, Line 19) / Exh. XVII total expected losses (no LAE, Adj.) = 829,617,252 / 762,750,262 = 1.08766563943

Example of RTAF Calculation

Risk Transfer of \$500 million excess of \$12.5 billion purchased for 5% Rate on Line (\$25 million)

- RTC = 25,000,000
- Layer Attachment: \$12,500,000,000, P(LA) = 2.08025%
- Layer Exhaustion: \$13,000,000,000, P(LE) = 1.90225%
- ELC = ((.0208025 +.0.0190225)/2) x (13,000,000,000 -12,500,000,000)) x1.08766563943 = 10,829,071
- NRCP = 25,000,000 (10,829,071 x 1.25) = 11,463,661

RTAF = (1,109,316,664 - 27,725,644 + 11,463,661) / 1,109,316,664 =.9853410

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Expected Loss and Premium by Layer Based on Avg. (AIR, RMS) 2017 Trended Zip Code Loss Data and 2018 Per Company Estimated Limits and Retentions

Aggregate	Datum Time		Expected Loss	Adjust to Tatal Oraco Lass and LAE
FHCF Loss Level	Return Time	Prob(Exceed)	Company	Adjust to Total Gross Loss and LAE
0	2.5	00 704050/	Ret, Lim	(Expected Loss Credits)
0	3.5	28.72125%	2,462,175	2,678,023
10,000,000	4.9	20.52225%	16,955,550	18,441,969
100,000,000	5.8	17.15675%	24,182,250	26,302,202
250,000,000	6.6	15.08625%	35,341,250	38,439,463
500,000,000	7.6	13.18675%	60,116,250	65,386,379
1,000,000,000	9.2	10.85975%	96,540,000	105,003,241
2,000,000,000	11.8	8.44825%	77,998,750	84,836,560
3,000,000,000	14.0	7.15150%	66,431,250	72,254,988
4,000,000,000	16.3	6.13475%	58,011,250	63,096,843
5,000,000,000	18.3	5.46750%	51,476,250	55,988,948
6,000,000,000	20.7	4.82775%	45,765,000	49,777,018
7,000,000,000	23.1	4.32525%	40,497,500	44,047,739
8,000,000,000	26.5	3.77425%	35,925,000	39,074,388
9,000,000,000	29.3	3.41075%	31,980,000	34,783,547
10,000,000,000	33.5	2.98525%	14,366,250	15,625,676
10,500,000,000	36.2	2.76125%	13,396,875	14,571,321
11,000,000,000	38.5	2.59750%	12,548,125	13,648,164
11,500,000,000	41.3	2.42175%	11,634,375	12,654,310
12,000,000,000	44.8	2.23200%	10,780,625	11,725,715
12,500,000,000	48.1	2.08025%	9,956,250	10,829,071
13,000,000,000	52.6	1.90225%	9,095,000	9,892,319
13,500,000,000	57.6	1.73575%	8,261,875	8,986,158
14,000,000,000	63.7	1.56900%	7,467,500	8,122,143
14,500,000,000	70.5	1.41800%	6,608,750	7,188,110
15,000,000,000	81.6	1.22550%	5,643,750	6,138,513
15,500,000,000	96.9	1.03200%	2,438,125	2,651,865
15,750,000,000	108.9	0.91850%	2,123,125	2,309,250
16,000,000,000	128.2	0.78000%	1,843,438	2,005,044
16,250,000,000	143.9	0.69475%	2,903,311	3,157,832
16,999,000,000	1,242.2	0.08050%	414	450
17,000,000,000	44,444.4	0.00225%		
Total	,		762,750,262	829,617,252
True Up Factor				1.08766563943
Average AIR,RMS detail	I modeled expected	losses	759,130,832	

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Risk Transfer Estimated Cost and Rate Impact Based on Avg. (AIR, RMS) 2017 Trended Zip Code Loss Data and 2018 Per Company Estimated Limits and Retentions

Aggregate

Reinsurance Attachment FHCF Premium with Cash Build Up Cash Build Up Factor	\$10,500,000,000 \$1,081,591,021 25%	Re	mit etention overage %	\$17,000,000,000 \$7,255,000,000 74.524%		Projected Payou Retention Multip Retention Multip Retention Multip	ble 100% ble 90%	15.7176 4.9988 5.5542 6.6651		
Rate Change	-6.79%	20	17 Model Net Rein	\$28,918,819		Retention Multip		11.1085		
Risk Transfer Premiums Gross		Risk Transfer Rate on	Line							
Limit	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		\$20,000,000	\$22,500,000	\$25,000,000	\$27,500,000	\$30,000,000	\$32,500,000	\$35,000,000	\$37,500,000	\$40,000,000
\$1,000,000,000		\$40,000,000	\$45,000,000	\$50,000,000	\$55,000,000	\$60,000,000	\$65,000,000	\$70,000,000	\$75,000,000	\$80,000,000
\$1,500,000,000 \$2,000,000		\$60,000,000 \$80,000,000	\$67,500,000 \$90,000,000	\$75,000,000	\$82,500,000 \$110,000,000	\$90,000,000 \$120,000,000			\$112,500,000 \$150,000,000	\$120,000,000
\$2,000,000,000	\$52,599,510	\$60,000,000	\$90,000,000	\$100,000,000	\$110,000,000	\$120,000,000	\$130,000,000	\$140,000,000	\$150,000,000	\$100,000,000
Risk Transfer Dollar Impact on Premiums										
Limit		Net Risk Transfer Cos								
	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		\$1,785,849	\$4,285,849	\$6,785,849	\$9,285,849	\$11,785,849	\$14,285,849	\$16,785,849	\$19,285,849	\$21,785,849
\$1,000,000,000 \$1,500,000,000		\$4,725,644 \$8,907,756	\$9,725,644 \$16,407,756	\$14,725,644 \$23,907,756	\$19,725,644 \$31,407,756	\$24,725,644 \$38,907,756	\$29,725,644 \$46,407,756	\$34,725,644 \$53,907,756	\$39,725,644 \$61,407,756	\$44,725,644 \$68,907,756
\$1,500,000,000		\$14,250,612	\$24,250,612	\$34,250,612	\$44,250,612	\$54,250,612	\$64,250,612	\$74,250,612	\$84,250,612	\$94,250,612
\$2,000,000,000	\$52,555,515	\$11,200,012	Q2 1,200,012	\$01,200,012	¢11,200,012	\$01,200,012	\$01,200,012	¢. 1,200,012	¢01,200,012	¢01,200,012
Risk Transfer % Impact on Rates										
Limit		FHCF Rate Impact								
	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		0.2% 0.4%	0.4%	0.6% 1.4%	0.9% 1.8%	1.1% 2.3%	1.3% 2.7%	1.6%	1.8% 3.7%	2.0% 4.1%
\$1,000,000,000 \$1,500,000,000		0.4%	1.5%	2.2%		2.3%	4.3%	3.2% 5.0%	5.7%	4.1% 6.4%
\$2,000,000,000		1.3%	2.2%	3.2%		5.0%	4.3%	6.9%	7.8%	8.7%
	+,,									
Risk Transfer: Revised Rate Change										
Limit		FHCF Revised Rate C								
	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000 \$1,000,000		-6.63% -6.38%	-6.42% -5.95%	-6.20% -5.52%	-5.99% -5.09%	-5.77% -4.66%	-5.55% -4.22%	-5.34% -3.79%	-5.12% -3.36%	-4.91% -2.93%
\$1,500,000,000		-6.02%	-5.37%	-4.73%	-4.08%	-3.43%	-2.79%	-2.14%	-1.49%	-0.85%
\$2,000,000,000		-5.56%	-4.70%	-3.83%	-2.97%	-2.11%	-1.25%	-0.39%	0.47%	1.34%
Projected Payout Multiple		Revised Payout Mutip		=						
Limit \$500.000.000		4.00% 15.6917	4.50% 15.6556	5.00% 15.6196	5.50% 15.5838	6.00% 15.5482	6.50% 15.5127	7.00% 15.4774	7.50% 15.4422	8.00% 15.4072
\$500,000,000 \$1,000,000,000		15.6492	15.5775	15.5065	15.5656	15.3663	15.2972	15.4774	15.4422	15.0934
\$1,500,000,000		15.5892	15.4827	15.3777	15.2741	15.1718	15.0709	14.9714	14.8732	14.7762
\$2,000,000,000		15.5132	15.3729	15.2351	15.0998	14.9669	14.8363	14.7079	14.5817	14.4577
Retention Multiple 90%		Revised Retention Mu		_						
Limit		4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		5.5451 5.5301	5.5323 5.5048	5.5196 5.4796	5.5070 5.4548	5.4944 5.4301	5.4818 5.4057	5.4694 5.3815	5.4569 5.3575	5.4446 5.3337
\$1,000,000,000 \$1,500,000,000		5.5089	5.5048	5.4796	5.3975	5.3614	5.4057	5.2906	5.2558	5.2216
\$2,000,000,000		5.4820	5.4324	5.3838	5.3359	5.2890	5.2428	5.1974	5.1529	5.1090
\$2,000,000,000		0.1020	0.1021	0.0000	0.0000	0.2000	0.2.120	0.1011	0.1020	0.1000
Retention Multiple 75%		Revised Retention Mu								
Limit		4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		6.6541	6.6388	6.6235	6.6084	6.5933	6.5782	6.5632	6.5483	6.5335
\$1,000,000,000		6.6361	6.6057	6.5756	6.5457	6.5161	6.4868	6.4578	6.4290	6.4004
\$1,500,000,000 \$2,000,000		6.6107 6.5784	6.5655 6.5189	6.5210 6.4605	6.4770 6.4031	6.4337 6.3468	6.3909 6.2914	6.3487 6.2369	6.3070 6.1834	6.2659 6.1309
φ2,000,000,000		0.0764	0.0109	0.4005	0.4031	0.3400	0.2914	0.2309	0.1634	0.1309
Retention Multiple 45%		Revised Retention Mu	Itiple 45%							
Limit		4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
\$500,000,000		11.0902	11.0647	11.0392	11.0139	10.9888	10.9637	10.9387	10.9139	10.8892
\$1,000,000,000		11.0602	11.0095	10.9593	10.9095	10.8602	10.8114	10.7629	10.7149	10.6674
\$1,500,000,000		11.0178	10.9425	10.8683	10.7950	10.7228	10.6515	10.5811	10.5117	10.4432
\$2,000,000,000		10.9640	10.8649	10.7675	10.6719	10.5779	10.4856	10.3949	10.3057	10.2181

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Risk Transfer Estimated Cost and Rate Impact Based on Avg. (AIR, RMS) 2017 Trended Zip Code Loss Data and 2018 Per Company Estimated Limits and Retentions

Aggregate

			Re	mit etention overage %	\$17,000,000,000 \$7,255,000,000 74.524%		Projected Payou Retention Multip Retention Multip Retention Multip Retention Multip	ble 100% ble 90% ble 75%	15.7176 4.9988 5.5542 6.6651 11.1085		
Risk Transfer Premiums	Gross		Risk Transfer Rate on	line							
Limit	01033	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000	\$12,654,310	\$20,000,000	\$22,500,000	\$25,000,000	\$27,500,000	\$30,000,000	\$32,500,000	\$35,000,000	\$37,500,000	\$40,000,000
	\$1,000,000,000	\$24,380,025	\$40,000,000	\$45,000,000	\$50,000,000	\$55,000,000	\$60,000,000	\$65,000,000	\$70,000,000	\$75,000,000	\$80,000,000
	\$1,500,000,000	\$35,209,096	\$60,000,000	\$67,500,000	\$75,000,000	\$82,500,000	\$90,000,000	\$97,500,000	\$105,000,000	\$112,500,000	
	\$2,000,000,000	\$45,101,415	\$80,000,000	\$90,000,000	\$100,000,000	\$110,000,000	\$120,000,000	\$130,000,000	\$140,000,000	\$150,000,000	\$160,000,000
Risk Transfer Dollar Imp	act on Premiums										
Limit			Net Risk Transfer Cos								
		Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000 \$1,000,000,000	\$12,654,310 \$24,380,025	\$4,182,113 \$9,524,968	\$6,682,113 \$14,524,968	\$9,182,113 \$19,524,968	\$11,682,113 \$24,524,968	\$14,182,113 \$29,524,968	\$16,682,113 \$34,524,968	\$19,182,113 \$39,524,968	\$21,682,113 \$44,524,968	\$24,182,113 \$49,524,968
	\$1,500,000,000	\$35,209,096	\$15,988,630	\$23,488,630	\$30,988,630	\$38,488,630	\$45,988,630	\$53,488,630	\$60,988,630	\$68,488,630	\$75,988,630
	\$2,000,000,000		\$23,623,231	\$33,623,231	\$43,623,231	\$53,623,231	\$63,623,231	\$73,623,231	\$83,623,231		\$103,623,231
Risk Transfer % Impact	on Rates										
Limit		Expected Loss Credit	FHCF Rate Impact 4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000	\$12,654,310	0.4%	0.6%	0.8%	1.1%	1.3%	1.5%	1.8%	2.0%	2.2%
	\$1,000,000,000	\$24,380,025	0.9%	1.3%	1.8%	2.3%	2.7%	3.2%	3.7%	4.117%	4.6%
	\$1,500,000,000	\$35,209,096	1.5%	2.2%	2.9%	3.6%	4.3%	4.9%		6.3%	
	\$2,000,000,000	\$45,101,415	2.2%	3.1%	4.0%	5.0%	5.9%	6.8%	7.7%	8.7%	9.6%
Risk Transfer: Revised F	Pate Change										
Limit	vale change		FHCF Revised Rate (Change							
		Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000	\$12,654,310	-6.43%	-6.21%	-5.99%	-5.78%	-5.56%	-5.35%	-5.13%	-4.92%	-4.70%
	\$1,000,000,000	\$24,380,025	-5.97%	-5.53%	-5.10%	-4.67%	-4.24%	-3.81%	-3.38%	-2.95%	-2.52%
	\$1,500,000,000	\$35,209,096	-5.41% -4.75%	-4.76% -3.89%	-4.12% -3.03%	-3.47% -2.16%	-2.82% -1.30%	-2.18% -0.44%	-1.53% 0.42%	-0.88% 1.28%	-0.24% 2.14%
	\$2,000,000,000	\$45,101,415	-4.75%	-3.69%	-3.03%	-2.10%	-1.30%	-0.44%	0.42%	1.20%	2.14%
Projected Payout Multipl	e		Revised Payout Mutip	les							
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000		15.6570	15.6211	15.5853	15.5496	15.5142	15.4788	15.4437	15.4087	15.3739
	\$1,000,000,000		15.5804 15.4886	15.5093 15.3835	15.4389 15.2798	15.3691 15.1775	15.2999 15.0765	15.2314 14.9769	15.1635 14.8786	15.0961 14.7816	15.0294 14.6858
	\$1,500,000,000 \$2,000,000,000		15.3816	15.2437	15.2796	14.9751	14.8444	14.9769	14.6766	14.7616	14.0000
	φ2,000,000,000		10.0010	10.2407	10.1002	14.0701	14.0444	14.7 100	14.0000	14.4004	14.0404
Retention Multiple 90%	6		Revised Retention Mu								
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%
	\$500,000,000		5.5329 5.5058	5.5201 5.4806	5.5075 5.4558	5.4949 5.4311	5.4824 5.4067	5.4699 5.3824	5.4575 5.3584	5.4451 5.3346	5.4328 5.3111
	\$1,000,000,000 \$1,500,000,000		5.4733	5.4362	5.3995	5.3634	5.3277	5.3624	5.3564	5.2235	5.1896
	\$2,000,000,000		5.4355	5.3868	5.3389	5.2919	5.2457	5.2003	5.1556	5.1118	5.0686
Retention Multiple 75%	6		Revised Retention Mu		=						
Limit	6500 000 000		4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50% 6.5341	8.00%
	\$500,000,000 \$1,000,000,000		6.6394 6.6069	6.6242 6.5768	6.6090 6.5469	6.5939 6.5173	6.5788 6.4880	6.5639 6.4589	6.5490 6.4301	6.4016	6.5193 6.3733
	\$1,500,000,000		6.5680	6.5234	6.4795	6.4361	6.3933	6.3510	6.3093	6.2682	6.2276
	\$2,000,000,000		6.5226	6.4641	6.4067	6.3503	6.2948	6.2403	6.1868	6.1341	6.0824
Retention Multiple 45%	b		Revised Retention Mu		E 000/	E E00/	6 000/	0 500	7.000/	7 500/	0.0001
Limit	\$500,000,000		4.00% 11.0657	4.50% 11.0403	5.00% 11.0150	5.50% 10.9898	6.00% 10.9647	6.50% 10.9398	7.00% 10.9149	7.50% 10.8902	8.00% 10.8656
	\$1,000,000,000		11.0057	10.9613	10.9115	10.8622	10.8133	10.9398	10.7169	10.6693	10.6221
	\$1,500,000,000		10.9467	10.8724	10.7991	10.7268	10.6554	10.5850	10.5155	10.4470	10.3793

Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Risk Transfer Estimated Cost and Rate Impact Based on Avg. (AIR, RMS) 2017 Trended Zip Code Loss Data and 2018 Per Company Estimated Limits and Retentions

Aggregate

Reinsurance Attachment FHCF Premium with Cash Build Up Cash Build Up Factor Rate Change		\$12,500,000,000 \$1,081,591,021 25% -6.79%	Re	mit etention overage %	\$17,000,000,000 \$7,255,000,000 74.524%		Projected Payout Multiple Retention Multiple 100% Retention Multiple 90% Retention Multiple 75% Retention Multiple 45%			15.7176 4.9988 5.5542 6.6651 11.1085		
Risk Transfer Premiums Gr	055		Risk Transfer Rate on	line								
Limit	000	Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000	\$10,829,071	\$20,000,000	\$22,500,000	\$25,000,000	\$27,500,000	\$30,000,000	\$32,500,000	\$35,000,000	\$37,500,000	\$40,000,000	
	\$1,000,000,000	\$20,721,390	\$40,000,000	\$45,000,000	\$50,000,000	\$55,000,000	\$60,000,000	\$65,000,000	\$70,000,000	\$75,000,000	\$80,000,000	
	\$1,500,000,000	\$29,707,548	\$60,000,000	\$67,500,000	\$75,000,000	\$82,500,000	\$90,000,000	\$97,500,000	\$105,000,000	\$112,500,000		
	\$2,000,000,000	\$37,829,691	\$80,000,000	\$90,000,000	\$100,000,000	\$110,000,000	\$120,000,000	\$130,000,000	\$140,000,000	\$150,000,000	\$160,000,000	
Risk Transfer Dollar Impact	on Premiums											
Limit			Net Risk Transfer Cos	st Premium								
		Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000	\$10,829,071	\$6,463,661	\$8,963,661	\$11,463,661	\$13,963,661	\$16,463,661	\$18,963,661	\$21,463,661	\$23,963,661	\$26,463,661	
	\$1,000,000,000 \$1,500,000,000	\$20,721,390 \$29,707,548	\$14,098,262 \$22,865,566	\$19,098,262 \$30,365,566	\$24,098,262 \$37,865,566	\$29,098,262 \$45,365,566	\$34,098,262 \$52,865,566	\$39,098,262 \$60,365,566	\$44,098,262 \$67,865,566	\$49,098,262 \$75,365,566	\$54,098,262 \$82,865,566	
	\$2,000,000,000	\$37,829,691	\$32,712,887	\$42,712,887	\$52,712,887	\$62,712,887	\$72,712,887	\$82,712,887		\$102,712,887		
	\$2,000,000,000	\$01,0 <u>2</u> 0,001	\$02,1 12,001	¢12,112,001	<i>402,112,001</i>	\$0 <u>2</u> ,11 <u>2</u> ,001	¢. 2,1 12,001	<i>402,112,001</i>	<i>402,112,001</i>	¢102,112,001	¢112,712,007	
Risk Transfer % Impact on	Rates											
Limit			FHCF Rate Impact									
		Expected Loss Credit	4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000 \$1,000,000,000	\$10,829,071 \$20,721,390	0.6% 1.3%	0.8% 1.8%	1.1% 2.2%	1.3% 2.7%	1.5% 3.2%	1.8% 3.6%	2.0% 4.1%	2.2% 4.5%	2.4% 5.0%	
	\$1,500,000,000	\$29,707,548	2.1%	2.8%	3.5%	4.2%	4.9%	5.6%		7.0%	7.7%	
	\$2,000,000,000	\$37,829,691	3.0%	3.9%	4.9%	5.8%	6.7%	7.6%		9.5%	10.4%	
Risk Transfer: Revised Rate	e Change			Dh								
Limit		Expected Loss Credit	FHCF Revised Rate 0 4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000	\$10,829,071	-6.23%	-6.01%	-5.80%	-5.58%	-5.37%	-5.15%	-4.94%	-4.72%	-4.51%	
	\$1,000,000,000	\$20,721,390	-5.57%	-5.14%	-4.71%	-4.28%	-3.85%	-3.42%	-2.99%	-2.55%	-2.12%	
	\$1,500,000,000	\$29,707,548	-4.82%	-4.17%	-3.52%	-2.88%	-2.23%	-1.58%	-0.94%	-0.29%	0.36%	
	\$2,000,000,000	\$37,829,691	-3.97%	-3.11%	-2.24%	-1.38%	-0.52%	0.34%	1.20%	2.07%	2.93%	
Projected Payout Multiple			Revised Payout Mutip									
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000		15.6242	15.5884	15.5527	15.5173	15.4819	15.4468	15.4117	15.3769	15.3422	
	\$1,000,000,000		15.5153	15.4449	15.3750	15.3058	15.2372	15.1692	15.1019	15.0351	14.9689	
	\$1,500,000,000		15.3922	15.2884	15.1859	15.0849	14.9851	14.8867	14.7896	14.6937	14.5991	
	\$2,000,000,000		15.2562	15.1205	14.9872	14.8562	14.7275	14.6010	14.4767	14.3544	14.2342	
Retention Multiple 90%			Revised Retention Mu	Itiple 90%								
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000		5.5213	5.5086	5.4960	5.4835	5.4710	5.4585	5.4462	5.4339	5.4216	
	\$1,000,000,000		5.4828	5.4579	5.4332	5.4087	5.3845	5.3605	5.3367	5.3131	5.2897	
	\$1,500,000,000		5.4393	5.4026	5.3664	5.3307	5.2954	5.2606	5.2263	5.1924	5.1590	
	\$2,000,000,000		5.3912	5.3432	5.2961	5.2499	5.2044	5.1597	5.1157	5.0725	5.0301	
Retention Multiple 75%			Revised Retention Mu	ultiple 75%								
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000		6.6255	6.6103	6.5952	6.5801	6.5652	6.5503	6.5354	6.5206	6.5059	
	\$1,000,000,000		6.5793	6.5495	6.5198	6.4905	6.4614	6.4326	6.4040	6.3757	6.3476	
	\$1,500,000,000 \$2,000,000,000		6.5271 6.4694	6.4831 6.4119	6.4397 6.3554	6.3968 6.2998	6.3545 6.2452	6.3128 6.1916	6.2716 6.1389	6.2309 6.0870	6.1908 6.0361	
	φ2,000,000,000		0.4094	0.4119	0.0004	0.2990	0.2402	0.1910	0.1369	0.0870	0.0301	
Retention Multiple 45%			Revised Retention Mu	ultiple 45%								
Limit			4.00%	4.50%	5.00%	5.50%	6.00%	6.50%	7.00%	7.50%	8.00%	
	\$500,000,000		11.0425	11.0172	10.9920	10.9669	10.9419	10.9171	10.8923	10.8677	10.8432	
	\$1,000,000,000 \$1,500,000,000		10.9656 10.8785	10.9158 10.8051	10.8664 10.7328	10.8175 10.6613	10.7690 10.5908	10.7209 10.5213	10.6733 10.4526	10.6261 10.3849	10.5793 10.3180	
	\$1,500,000,000		10.8785	10.8051	10.7328	10.6613	10.5908	10.5213	10.4526	10.3849	10.3180	
	÷=,500,000,000		10.7024	10.0000	10.0020	10.4331	10.4007	10.0130	10.2010	10.1401	10.0001	

EXHIBIT

XVIII

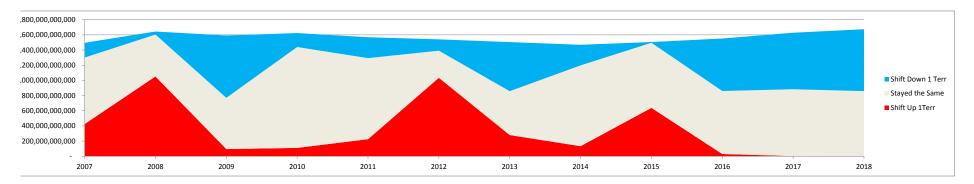
Florida Hurricane Catastrophe Fund 2018 Ratemaking Formula Report Summary of Changes in Zip Codes 2007 to 2018

The table below outlines how theZip Codes, after tempering, have moved relative to the prior year's territory allocations. Columns in yellow highlight years when large numbers of zip code changes were reversed in the following year. 2017 and 2018 indicated shifts were not implemented, except if the indication was for a change of two or more territories.

. [Zip Count											
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Shift Up 1Terr	415	848	117	136	244	884	286	153	615	58	14	11
Stayed the Same	913	579	641	1182	935	394	610	1042	796	660	811	769
Shift Down 1 Terr	143	47	707	146	286	187	569	271	54	743	639	681
Grand Total	1471	1474	1465	1464	1465	1465	1465	1466	1465	1461	1464	1461

The table below outlined how the Modeled Residential exposure, after tempering, has moved relative to last year's territory allocations. 2017 and 2018 indicated shifts were not implemented, except if the indication was for a change of two or more territories.

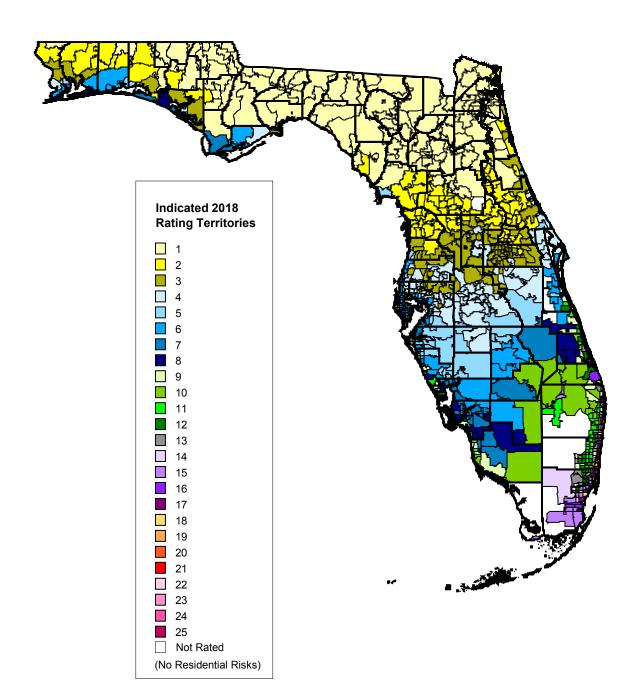
	Residential Exposure	Residential Exposure	Residential Exposure	Residential Exposure	Residential Exposure	Residential Exposure	Residential Exposure	Residential Exposure				
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Shift Up 1Terr	424,239,189,098	1,052,071,843,315	95,153,867,703	110,793,850,670	225,354,576,503	1,034,102,124,911	279,982,310,693	133,372,324,850	638,038,689,041	30,355,393,045	3,067,928,183	4,633,160,184
Stayed the Same	876,709,520,929	552,189,825,165	675,246,787,074	1,329,194,622,054	1,068,072,705,322	357,624,555,304	578,054,403,377	1,064,750,757,567	857,963,061,092	830,059,146,159	880,648,180,716	854,085,060,259
Shift Down 1 Terr	194,377,582,850	39,769,466,565	821,485,686,346	183,788,837,645	275,251,133,171	149,042,393,925	646,657,288,762	271,116,842,049	9,470,255,881	691,630,004,707	744,323,398,847	815,323,942,820
Grand Total	1,495,326,292,877	1,644,031,135,044	1,591,886,341,123	1,623,777,310,369	1,568,678,414,996	1,540,769,074,140	1,504,694,002,832	1,469,239,924,466	1,505,472,006,014	1,552,044,543,911	1,628,039,507,746	1,674,042,163,263



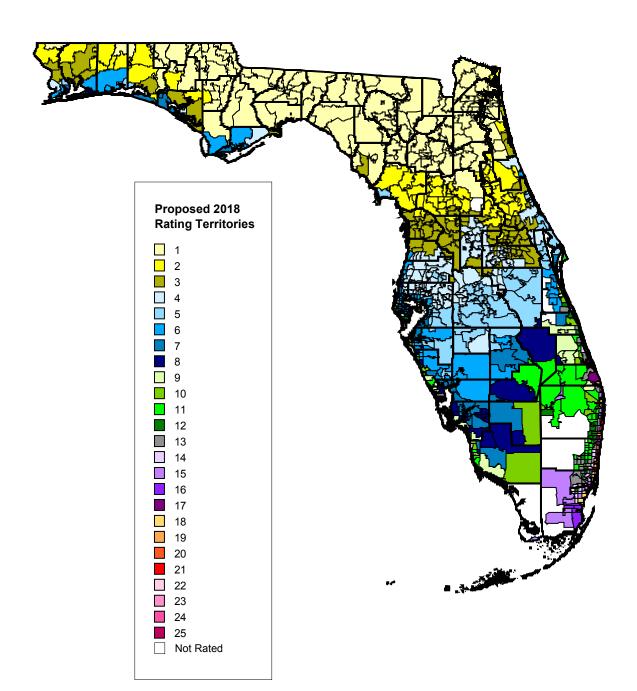
EXHIBIT

XIX

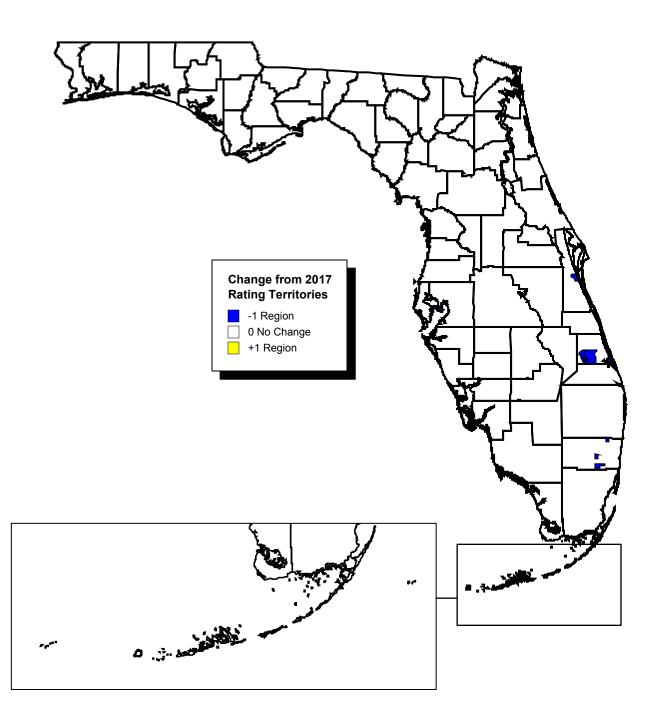
Florida Hurricane Catastrophe Fund Indicated 2018 Rating Territories by 5-Digit ZIP Code Entire State



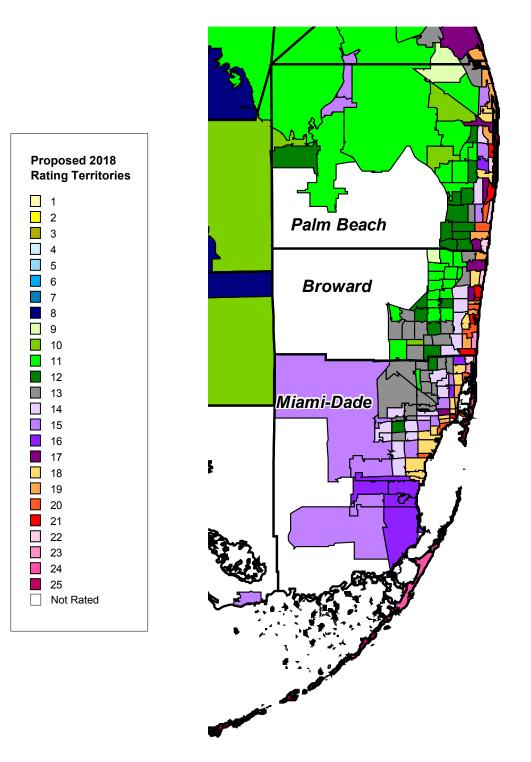
Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Entire State

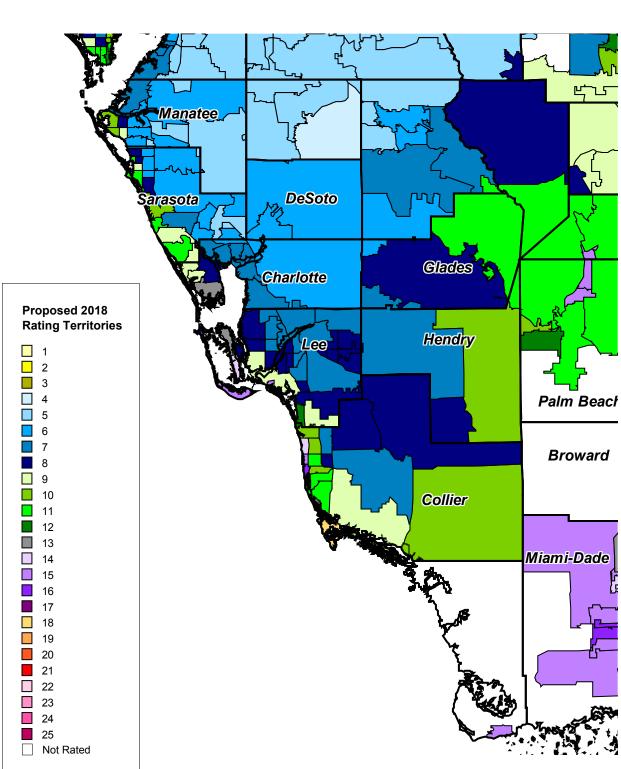


Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Entire State - Change From 2017 Territories



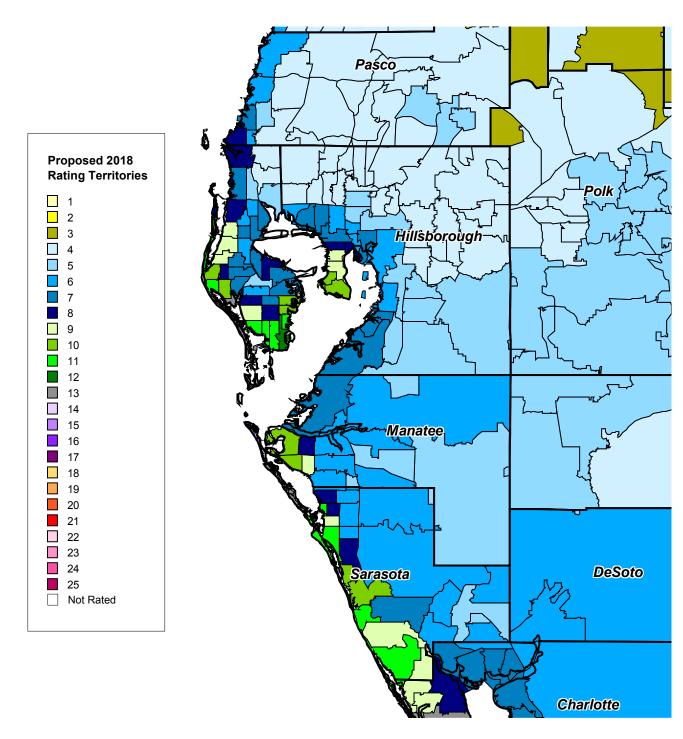
Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Miami and Surrounding Areas





Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Fort Myers and Surrounding Areas

Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Tampa/Saint Petersburg and Surrounding Areas



Florida Hurricane Catastrophe Fund Proposed 2018 Rating Territories by 5-Digit ZIP Code Florida Keys

