# Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Presented to the State Board of Administration of Florida March 22, 2012





March 15, 2012

Enclosed is the Florida Hurricane Catastrophe Fund (FHCF) 2012 Ratemaking Formula Report which will be presented to the FHCF Advisory Council on March 22, 2012. The rates developed in this report assume a mitigation funding level of \$10 million, an FHCF per event retention of \$7.389 billion (which drops to 1/3<sup>rd</sup> of this amount on the 3<sup>rd</sup> largest and subsequent events), and an FHCF limit level of \$17.000 billion.

Also included in this report are windstorm mitigation construction rating factor relativities and TICL premium adjustment factors.

#### **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 2012 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. Rapoport, FCAS, MAAA Managing Director and Actuary Paragon Strategic Solutions Inc.

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I

#### Florida Hurricane Catastrophe Fund

# 2012 Ratemaking Formula Report Presented to the State Board of Administration of Florida

#### **Executive Summary**

- 1. **Mandatory Rates:** We recommend a 14.79% increase in Florida Hurricane Catastrophe Fund (FHCF) mandatory rates for the 2012 Contract Year, based on coverage under Section 215.555, Florida Statutes. This increase is due to changes in modeled loss, a reduction in investment income, and an increase in the Cash Build-Up Factor from 15% to 20%. With no change to the Cash Build-Up Factor, rates would have been up 10.01%.
- 2. **Mandatory Premium Change**: FHCF premium for mandatory coverage will increase by \$169 million from \$1.145 billion to \$1.314 billion based on the recommended rate change.
- 3. **Temporary Increase in Coverage Limit (TICL) Rates and Limit:** As required by statute, the rates for TICL optional coverage will increase by approximately 25% and the maximum TICL limit will decrease from \$6 billion to \$4 billion.

	2012 Contract Year	2011 Contract Year	2011 Contract Year
	Modeled	Actual	Modeled
Mandatory FHCF Coverage			
Industry retention	\$7.389 billion	\$7.143 billion	\$7.369 billion
Limit	\$17 billion	\$17 billion	\$17 billion
Average Coverage	89.917%	89.917%	89.922%
FHCF premium	\$1.314 billion	\$1.145 billion	\$1.181 billion
Overall Rate Change	14.79%	6.13%	6.28%
Due to Cash Build-Up	4.35%	4.55%	4.55%
Due to annual ratemaking	10.01%	1.51%	1.66%
Proj. Payout Multiple	12.9351	14.8505	14.3923
90% Retention multiple	5.6170	6.2332	6.2332
Optional TICL Coverage			
Maximum Limit	\$4.000 billion	\$6.000 billion	\$6.000 billion
Selected Limit <sup>1</sup>	\$0.317 billion	\$0.971 billion	NA
Selected Premium <sup>1</sup>	\$0.047 billion	\$0.090 billion	NA
Exposure base	\$2.118 trillion	\$2.118 trillion	\$2.160 trillion
Overall FHCF Rate/\$1,000 Exp.	0.6227	0.5427	0.5468

<sup>1</sup> Modeled TICL premium and limit selctions for 2012 are estimates based on company 2012 selections

#### **Part I: The Ratemaking Process**

#### Overview

We recommend a 14.79% increase in Florida Hurricane Catastrophe Fund (FHCF) mandatory rates for the 2012 Contract Year (based on Section 215.555, Florida Statutes), a \$17.000 billion coverage limit, a \$7.389 billion per event retention which drops to \$2.463 billion for the third largest and subsequent events (1/3 of \$7.389 billion).

The rates in this report are developed for the limits and retentions specified by Section 215.555, Florida Statutes, for Contract Year 2012. No adjustments have been made to reflect availability of FHCF financial capacity during and subsequent to Contract Year 2012.

We estimate that this rating formula will produce \$1.314 billion in total mandatory FHCF premium compared to \$1.145 billion in mandatory FHCF premium for Contract Year 2011. The increase in overall mandatory premium would be 10.01% with no change in cash build-up, and is based on projected growth in exposure of 0.00% and a 10.01% overall rate increase. When the statutorily-mandated change in the Cash Build-Up Factor from 15% in 2011 to 20% for the 2012 Contract Year is considered, the rate increase is 14.79%.

FHCF coverage is comprised of two parts: the mandatory FHCF layer of \$17.000 billion xs \$7.389 billion, and an optional coverage that expands the mandatory FHCF layer called Temporary Increase in Coverage Limit (TICL). Since TICL is optional, it has no overall effect on the mandatory FHCF reimbursement premium. Any insurer who selected TICL coverage will have paid an additional amount for the increased coverage.

There are two major factors affecting the FHCF layer of coverage for the 2012 Contract Year:

- 1. Per statute, the industry retention is equal to \$4.5 billion adjusted for the increase in reported exposure from 2004 through 2010. As exposures have grown 64.2% over this period, the modeled retention for 2012 is \$7.389 billion.
- Pursuant to Section 215.555, Florida Statutes, as amended in 2010, the mandatory 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 has not made this determination, the mandatory FHCF limit for 2012 is \$17.000 billion.

The above changes will vary by deductible, construction, and territory. For 2012, we applied the same methodology as used in the previous six years to develop territory relativities.

#### Type of Business Allocation

Section I overall rate change indications by type of business for mandatory coverage are as follows:

	Rate Change	Rate Change Including
	Prior to Change in	Effect of Change in
	Cash Build-Up	Cash Build-Up
Residential	9.99%	14.77%
Tenants	11.59%	16.44%
Condominium Unit Owner	12.03%	16.90%
Mobile Home	1.09%	5.49%
Commercial Habitational	11.94%	16.81%
Total	10.01%	14.79%

#### **Territory Changes**

The 2012 recommended territories, like the 2011 FHCF territories, are based on analysis of losses in the mandatory FHCF layer as modeled by AIR Worldwide Corporation (AIR), EQECAT (EQE), and Risk Management Solutions (RMS). The relationship between lowest rate and highest rate has stayed consistent with 2011 at approximately 1:40. As was done last year, we adjusted this ratio to accurately reflect the indicated loss costs for territory 1. Indicated territory changes were tempered so that ZIP Codes would not shift more than one territory up or down.

The 2001 change to excess loss rating recognized that losses to the FHCF are also dependent on the concentration of risks in a geographic area. The tempering applied in 2002 through 2012 smoothes the overall transition to excess territory definitions and recognizes that model results may change over time.

#### **Premium Summary**

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

Exposure Growth (2011 to 2012)	0.00%
Retention	\$7.389 Billion
Premium – 2011 (as of 11/08/11)	\$1.145 billion
Premium – 2012 (Projected)	\$1.314 billion

#### **Use of Five Accepted Models**

For 2012, we used a weighting of five models accepted by the Florida Commission on Hurricane Loss Projection Methodology as of October 1, 2011, 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, we used a weighted average giving 5%, 20%, 50%, 20%, and 5% weights to the models ranked from lowest to highest based on annual expected aggregate losses to the FHCF reimbursement layer, which is consistent with the weighting methodology used in all years when the FHCF had five models.

The FHCF did not use the FPM model for commercial habitational business in allocating losses. Estimates for FPM modeled commercial losses were based on the ratio of commercial to non-commercial losses from the other four models.

For analysis of detailed allocation to type of business, territory, construction, and deductible and for special coverage questions, we used three models—AIR, EQE, and RMS for commercial type of business—and four models—AIR, EQE, RMS and FPM—for residential, tenants, condominium unit owners and mobile home. Model results were compared in detail and one-third weight was given to each model for commercial while one-fourth weight was given to each model for all other types of business. Prior to 2009 only three (AIR, EQE and RMS) models were used for all types of business.

#### Summary of Changes to the 2012 Ratemaking Formula

The changes that occurred in the 2012 ratemaking formula include:

- 1. The interest rate assumption used to determine the investment income credit has been eliminated, resulting in a reduction from 1.5% to 0.0%.
- 2. Given the elimination of the investment income credit, the loading for minimum mitigation expense has been eliminated. (2011 value was \$10 million.)
- 3. The Cash Build-Up Factor has increased from 15% to 20%.
- 4. Maximum TICL availability has been reduced from \$6 billion to \$4 billion and the indicated TICL premium has been guintupled.
- 5. The loading for recovery of multiple-deductible reimbursements has been discontinued.
- 6. The 2007A pre-event note expense has been reduced from \$37.8 million to \$14.1 million due to the expiration of the notes on 10/15/2012. A table of loadings for future pre-event note costs has been included in the ratemaking formula.

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7. Florida Building Code has been eliminated as a mitigation cost rating factor.

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

- 1. Summary of 2012 Rate Calculation;
- Adjustment to Exposure Base and Summary of Rate Change;
- 3. Summary of Results; and
- 4. Historical Comparison of Exposures, Premiums, and Rates.

#### **Temporary Increase in Coverage Limit Options (TICL)**

TICL provides optional additional FHCF coverage above the mandatory FHCF layer in \$1 billion increments up to \$4 billion. The TICL coverage level is selected at the option of the insurance company. It responds in a fashion similar to the mandatory FHCF layer. It is simply an extension of the FHCF coverage. The TICL coverage for an individual company is thus calculated in exactly the same manner regarding expected losses as the coverage for the mandatory FHCF layer.

During its 2009 session, the Florida Legislature passed CS/CS/CS/HB 1495 (Chapter 2009-87, Laws of Florida). This act made changes to Section 215.555, Florida Statutes, which affected FHCF coverage and premium calculations for subsequent years. Per the legislation, the TICL premium is quintupled in 2012 and the 2011 layers of \$6 billion and \$5 billion are eliminated. A detailed summary of TICL coverage and premium options can be found in Exhibit XVII.

#### **Details of the Ratemaking Process**

This ratemaking formula is based on the 1995 Florida legislation for the FHCF (Section 215.555, Florida Statutes), as last amended in 2010.

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 drops to 1/3 for the third largest and subsequent events. This drop down coverage has again been incorporated into the 2012 rates. In 2009, we introduced new factors to adjust FHCF rates for additional construction features.

#### A. Trend

For 2012 ratemaking, we reviewed the actual exposures by coverage reported to the FHCF from 1995 to 2011. (1994 commercial exposures were not used because FHCF coverage was not limited to commercial habitational until 1995. See Exhibit III.) Based on actual reported exposures through 11/08/11, we used a trend of 0.0% for commercial habitational, residential, condominium unit owners, tenants, and mobile home coverage. Unit counts for all coverages were trended 0.0%. This is the second year in a row we have used a 0.0% trend for exposure and the third year in a row we have used a 0.0% trend for unit counts for FHCF ratemaking.

The Marshall & Swift construction indices for the Southeast were up 6.0% in 2011 compared to down 8.4% in 2010 as of October. Countrywide indices were up 4.9% compared to down 6.4% the prior year.

Our selection of exposure and risk count trends for 2012 was based predominantly on the three-year historical record of FHCF data. The table below displays the last several 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 11/08/2011. This data was used in the catastrophe modeling process.

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### Annual Growth in Exposure and Risk Counts Reported by FHCF Member Companies as of 11/08/2011

	Reside	entia l	Tena	nts	Condor	iniums	Mobile I	lomes	Comme	ercial
		Risk		Risk		Risk		Risk		Risk
	Exposure	Count	Exposure	Count	Exposure	Count	Exposure	Count	Exposure	Count
1999-2000	9.0%	4.2%					1.7%	-0.2%	28.9%	-8.9%
2000-2001	-4.5%	-19.4%					1.8%	-2.1%	19.4%	39.5%
2001-2002	19.7%	1.8%	-23.3%	-22.2%	22.8%	1.2%	12.6%	-0.3%	17.9%	13.2%
2002-2003	9.0%	1.0%	-16.8%	-14.5%	2.4%	-1.4%	-0.1%	-2.3%	8.5%	-5.4%
2003-2004	13.1%	2.8%	-0.6%	-2.1%	4.3%	0.6%	2.7%	-2.5%	-1.7%	-15.1%
2004-2005	17.6%	4.3%	20.3%	21.3%	9.6%	2.1%	3.7%	-3.3%	4.1%	-4.6%
2005-2006	19.3%	5.4%	78.9%	106.9%	13.0%	5.4%	4.8%	-4.1%	8.6%	-2.7%
2006-2007	11.7%	0.7%	-0.3%	2.3%	4.0%	-2.3%	-1.5%	-6.0%	37.0%	36.7%
2007-2008	4.8%	-0.5%	0.0%	4.0%	1.2%	-3.8%	-0.4%	-1.9%	5.9%	-3.6%
2008-2009	1.9%	-1.1%	0.3%	3.5%	5.5%	7.5%	-1.6%	-2.7%	7.4%	4.8%
2009-2010	-1.7%	-4.3%	191.8%	33.9%	0.0%	3.6%	-3.1%	-3.1%	-0.9%	-0.8%
2010-2011	-0.5%	3.1%	-63.9%	-16.2%	0.9%	-0.4%	-5.2%	-4.5%	-3.3%	-0.4%

#### B. Industry Retention (Exhibit IV)

The historical exposure for 2010 is \$2,168.6 billion (as of 11/08/11), as compared to \$1,320.6 billion in 2004. The law specifies (since 2004) that the FHCF industry retention changes be proportional to FHCF exposure changes from 2004. The base retention for 2005 is \$4.5 billion. In 2010, with enactment of Chapter 2010-10, Laws of Florida (CS/SB 1460), the adjustment index was changed to use the growth in exposure from 2004 to two years prior to the new Contract Year. Using the overall exposure increase of 64.2% from 2004 through 2010, the projected industry retention for 2012 is \$7.389 billion.

This retention is allocated to Sections I and II based on 100% coverage premium. The Section I retention is \$7.389 billion and the Section II retention is \$0, as there currently is no Section II exposure.

#### C. Industry Excess Layer (Exhibit IV)

Under Section 215.555(4)(c)1, Florida Statutes, as amended by Chapter 2010-10 (CS/SB 1460), "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 of capacity for the current Contract Year, unless the board determines that there is sufficient estimated claims-paying capacity for the current Contract Year and an additional \$17 billion of capacity for subsequent Contract Years."

As no such determination regarding excess capacity has been made, the limit for the 2012 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. Member companies report only losses and, therefore, do not need to differentiate between defense and cost containment and adjusting and other expenses (formerly allocated and unallocated loss adjustment expenses).

The simulations produced by the modelers are only Section I losses. We first reduce the loss and loss expense limit of \$17 billion by dividing by 1.05 to produce a loss only limit of \$16,190,476,190. We then split this limit 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 limit is in Section I or \$16,190,476,190. This value is now the Section I loss only limit. We then gross this limit up for the 2011 average coverage level of 89.917% to get the 100% loss limit of \$18,006,062,491. The top end of the loss only layer is then the retention \$7,389,000,000 plus this limit and the sum equals \$25,395,062,491.

In summary, for Section I and II loss	only modeling purposes	we use the following layer:
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89.917% of \$18,006,062,491 xs \$7,389,000,000

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For publication purposes, the Sections I and II loss and loss adjustment expense layer is 89.917% of \$18.906.365.615 xs \$7.389.000.000

#### D. Industry Detail Exposure Data

Actual 2011 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.

We used data as of 6/30/11 as reported through 11/08/11, by 168 out of 170 companies reporting FHCF Section I exposure for the 2011 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	2008-2012
AIR	Х	Х
ARA	Х	Х
EQE	Х	Х
RMS	Х	Х
FPM		X

**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 accepted by the Florida Commission on Hurricane Loss Projection Methodology as of October 1 of the prior year were used in that year's ratemaking session.

All five of the 2012 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 55,000 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 it at the county level. Approximately 0.01% of total reported exposure comes from invalid ZIP Codes. These are either ZIP Codes that the U.S. Postal Service does not recognize or has decommissioned, or that are located outside of the state of Florida. 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.

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The FHCF weighted loss curve in Exhibit V is developed solely for estimating excess hurricane losses within the mandatory FHCF layer. We do not take into consideration estimates of losses above the mandatory FHCF layer in developing the curve. Shifts in modeler weights within the FHCF loss layer may have an amplified impact on loss estimates above the mandatory FHCF layer.

Although it is not used for ratemaking purposes, beginning in 2011 we have added to Exhibit V an additional loss distribution based on uniform modeler weights (20% / 20% / 20% / 20% / 20%). Over time this curve may show greater stability for losses above the mandatory FHCF layer. As repeated in our disclaimer in Part III below, 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

 AIR
 X
 X

 EQE
 X
 X

 RMS
 X
 X

 FPM
 X

**Table of Models Used for Classifications** 

Four of the modelers ran our 2011 trended exposures through their models and provided more detailed outputs (i.e., losses by ZIP Code by construction and deductible codes for each type of business) that we 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:

- Gross Loss per Event;
- 2. Excess Retention Aggregate;
- 3. Single Event Mandatory FHCF Liabilities;
- 4. Mandatory FHCF Layer Aggregate;
- 5. Single Event Mandatory + \$4B TICL Actual Liabilities; and
- 6. Mandatory FHCF + \$4B TICL Aggregate.

#### F. Losses in the Layer at Coverage Percent

The limit for Contract Year 2012 is \$17.00 billion.

Because the size of the excess layer is dependent on the average coverage selections of all the FHCF members, we must model losses after coverage selection. We have documented that coverage percentage varies by type of business, so modeled losses need to also reflect this variation. As a result, we continue to use the method we began in 2001 in which we start with the allocation to type of business and apply the coverage percentages to the layered loss. We calculate the overall rates and premiums at the different coverage percentages at the end of the calculations.

We allocate excess losses to type of business based on their adjusted gross losses. We adjust the allocations 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
- Reconciliation of Industry and Detail Simulations for one Model
- FPM Adjustment to Losses to account for Commercial Losses

All of these adjustments are similar to the adjustments made in the 2011 ratemaking formula.

We applied the industry retention 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 4.15%, compared to an increase of 4.23% in 2011.

#### 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 last year's 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. Then 3% x (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  $5.4\% \times 90\% = 4.86\%$ .

#### **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 or not. The adjusted load was then weighted with the adjusted load from 2011 giving 66% weight to 2012. The selected adjustment factor is the rounded value of the weighted load after the "take-up" modification.

#### Reconciliation of Industry and Detail Simulations for one Hurricane Model

For one model, results at the ZIP Code level are produced using a more detailed model than what is used for the stochastic event set. In order to tie the results together between the calculation of overall premium (using modeled events) and the allocation process (using ZIP Code loss costs), we have adjusted the loss events so that they produce the same gross average annual loss by type of business as does the detailed simulation. This adjustment was also made for this model in past years.

#### **FPM Adjustment to Losses to account for Commercial Losses**

The FHCF does not use the FPM for commercial habitational business in allocating losses. Estimates for FPM modeled commercial losses were based on the ratio of commercial to non-commercial losses from the other four models. These estimated losses were added to the FPM

modeled losses for the other four Types of Business to produce estimated losses for the entire FHCF portfolio of exposures. The adjustment increased FPM modeled results by 16.62%.

#### H. Adjustments for Per Company Limits and Retentions

We recommend an adjustment factor of 1.596%. This factor makes two adjustments to modeled industry losses to recognize that retentions and limits apply on an individual company basis and not on an industry basis. In the first adjustment, the factor recognizes losses the FHCF will pay for individual companies on events that do not generate \$7.389 billion in industry losses. (This happened in 1995 when Erin and Opal generated FHCF losses for a small number of companies, in 2004 for Hurricanes Ivan and Jean, and again in 2005 for Hurricane Dennis.) In the second adjustment, the factor recognizes that under the current legislation, individual company losses are capped by a per company limit. This reduces the payout to companies on losses in which the industry FHCF limit of \$17 billion is not paid out. Even in a full \$17 billion loss, a few companies would use less than their full limit (i.e., a company that writes only in the panhandle would have no losses in a Miami-Dade event).

To produce this factor, we have requested special analyses from modelers. In 2003, the modeling was done by ARA. It was performed by RMS for 2000 ratemaking and EQE for 2001 ratemaking. In each year, the modeler supplied Paragon with a county and type of business split (residential, mobile home, commercial, tenants and inland marine, and condominium unit owners) for each modeled industry loss event. We then allocated each event loss to each company based on market share by county and type of business. The sum of each company's losses was then totaled and compared to an estimate of each company's retention. This method produced FHCF losses when a company had concentrated losses in the event path. FHCF losses from all companies were totaled and compared to FHCF losses based on applying industry retention to the entire loss.

In 2000, representatives from the Florida Department of Insurance recommended we not place 100% weight on the results of one model. We weighted the results of all three analyses to derive the factor. Exhibit VIII shows the summary data used for this and illustrates the range of simulated losses to the mandatory FHCF layer for different size ground up losses. The resulting factor from the ARA study is -3.72%, as compared to the EQE study factor of 1.23% and the RMS study factor of 4.62%. This year we recommend using the weighted average of the three model results of 1.596%.

#### 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.

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

We recommend eliminating the interest rate assumption, resulting in a reduction from 1.50% to 0.00%. The interest rate selection has been based on the returns produced in the fixed income securities market. Over the last five years the FHCF's investments have averaged 2.23% with the last 12 months (ending 12/31/11) averaging 0.38%. At this level and with low short term interest rates expected to continue for the next few years, we no longer believe it is appropriate to offset current year's premium rates with future investment income.

In 2011, using an investment return assumption of 1.50%, the credit amount was 4.48%. Because the FHCF was using investment income to reduce rates, an offset of \$10 million was included to

cover the minimum mitigation which is required to be appropriated from FHCF investment income. This expense had added 1.29% to FHCF rates in 2011. The net effect of this change is an increase in 2012 FHCF rates of 3.19%.

Exhibit IX contains several tables:

- Discount factors by return time and investment rate;
- 2. Sample of discount derivation;
- 3. First year discount calculation;
- 4. FHCF rate of return history; and
- 5. Graph of Interest Rate Assumption.

#### K. Operating Expenses and Mitigation Funding

Operating expenses of \$7,771,000 are based on an estimate of 2012 calendar year operating expenses provided by the State Board of Administration of Florida. This value is set equal to the 2011 Contract Year projected expense of \$7,771,000.

As discussed in Section J, the estimated mitigation funding target underlying the rates is set at zero since no investment income will be used to reduce 2012 rates. Appropriation of mitigation funding will not affect the FHCF rates in 2012. Pursuant to Section 215.555, Florida Statutes, the minimum appropriation is \$10 million and the maximum appropriation is 35% of the prior year's investment income. In 2012, the maximum amount subject to mitigation appropriation will be 35% of \$29.983 million, which equals \$10,494,050.

#### L. Multiple Deductible Reimbursement

The FHCF has fully recouped all 2004 multiple deductible funds. No loading is included in the 2012 FHCF rates.

#### M. Pre-Event Notes Expense

In 2006 and 2007, the FHCF issued pre-event notes to increase the liquidity of the FHCF. All outstanding 2006B Notes were called for early redemption in February 2009 and will not incur any expense during the 2012 Contract Year. The 2007A notes come due on October 15, 2012. The projected expense for the 2012 Contract Year is \$14.1 million, as compared to \$37.8 million in the 2011 Contract Year. This year's estimate is the sum of the projected cost estimate of \$10.2 million for the 2007A Notes by the FHCF's Financial Advisor, Raymond James & Associates, plus a judgmental loading of \$3.9 million for potential asset loss during the Contract Year (0.3% of \$3.5 billion market value prorated from 6/1/2012 to 10/15/2012). Raymond James's cost estimate is the projected difference between the interest payments to note holders and the investment income on the note proceeds during the 2012 Contract Year (see Exhibit XI).

The FHCF is considering purchasing new pre-event notes in 2012 but no specific costs have been determined. We have included a chart of the impact on rates should the FHCF decided to purchase new pre-event notes in 2012 in Exhibit XVIII.

## N. Premium Credits (Windstorm Mitigation Construction Credits and Elimination of BCEG Credits)

Prior to the 2012 contract year, the FHCF calculated premium credits based on the larger of Building Coded Effectiveness Grading (BCEG) credits or Windstorm Mitigation Construction Credits. A review of 2011 exposure data indicated that the BCEG credit was almost always smaller than the mitigation credit and elimination of the BCEG credit would have minimal impact on premium levels for individual companies. Therefore, the BCEG field was eliminated from the 2012 FHCF Data Call. Accordingly, we have eliminated BCEG credits from the 2012 FHCF ratemaking formula.

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In the summer of 2007, the FHCF contracted with two modeling firms (ARA and RMS) to provide additional catastrophe modeling analyses that could be used to expand the rating classifications used in FHCF rates. Additionally, the FHCF looked at what data was actually being reported as part of the Data Call (see Exhibit III). Based on which characteristics had a material impact on estimated modeled losses and were being reported, we recommend that the following rating variables be included in the ratemaking formula:

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

In 2011 ratemaking, we removed the mitigation feature roof deck attachment. The rate differential associated with roof deck attachment has proven to be quite significant, resulting in a large swing in FHCF rates depending on whether or not a risk qualifies for this mitigation attribute. Because of the magnitude of this differential, in 2011, the FHCF Data Call was amended to incorporate roof deck as a rating variable through an expansion of the construction classifications for which rates are established. In particular, the construction classifications of Masonry and Superior were expanded into four groups for the commercial, tenants, and condominium unit owners types of business:

- Masonry;
- Masonry with Reinforced Concrete Roof;
- Superior; and
- Superior with Reinforced Concrete Roof.

Thus, starting in 2011 the presence or absence of a reinforced concrete roof has been treated as a primary rating variable, not as a mitigation credit.

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 be capped to be no greater than 1.2 and no less than 0.8
   (this serves both as a tempering feature for this ratemaking approach and to lessen the
   impact of compounding credits or surcharges for features that might be dependent on each
   other);
- Every risk be evaluated for its rating factor and
- A final factor 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 2011 premium credits/surcharges;
- 2. 2011 distribution of credits/surcharges; and
- 3. 2011 distribution of exposure and counts by rating region and type of business.

#### O. Section II (Excess) Adjustment

We included \$0 of Section II premium, based on the fact that there was no Section II exposure reported in 2011. Section II premium covers policies that require individual rating procedures. These exposures are modeled and rated individually by company.

#### P. 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 this adjustment was not included.

#### Q. Temporary Increase in Coverage Limit Options (TICL)

TICL was created under Chapter 2007-1, Laws of Florida (CS/HB 1-A) in a January 2007 special legislative session because it was determined by the Legislature that many property insurers were unable to procure sufficient levels of reinsurance or were able to purchase sufficient levels at substantially higher costs than in previous years due to temporary disruptions in the market for reinsurance. It was felt that this significant increase in cost of reinsurance was responsible for substantial premium increases and increases in the number of policies in Citizens. Up to \$6 billion of TICL was available in 2011, and up to \$4 billion will be available in 2012.

For the 2012 Contract Year, TICL provides optional additional FHCF coverage limit from \$17.00 billion to \$21.00 billion available in \$1 billion increments. TICL payout multiples and premium adjustment factors have been created in Exhibit XVII. The payout multiples are multiplied by the FHCF Reimbursement premium to get the insurer TICL limit. The premium adjustment factors can be multiplied by the FHCF rates to produce the appropriate rates for the mandatory FHCF layer and the selected increased TICL limit of coverage.

We have generated rates assuming the limit would be \$17.00 billion, the retention would be \$7.389 billion, and no new pre event notes would be purchased in the 2012 Contract Year and have calculated premium adjustment factors for the various TICL options (see Exhibit XVII). The FHCF and TICL premium adjustment factors will be used to adjust rates to the appropriate level once any expenses that might be budgeted in order to guarantee capacity are known. Exhibit XVIII provides FHCF premium, retention, and payout multiples.

#### 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 2012 have been adjusted so that none of them has changed by more than 20%.

We begin this section by highlighting changes for 2012, and conclude with an overview of the entire allocation process.

#### **Changes in Premium Allocation for 2012**

There were several classification items with changes considered in the allocation process for 2012:

- 1. Type of Business;
- 2. FHCF Territory;
- 3. Construction; and
- 4. Deductibles.

#### 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 mandatory 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% prior to the increase in the cash build-up factor from 15% to 20%. Actual allocations can be found in Exhibit VI.

#### 2. Territorial Definitions

For 2001, the FHCF revised rating territories to incorporate information from these three hurricane models (AIR, EQE, 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 2012, we have recalculated indicated territories for each ZIP Code using the latest data from these models. We recommend changing territories from 2011 definitions towards what is indicated for 2012, but we recommend moving a ZIP Code no more than plus or minus one region from 2011 values. We calculated revised relativities between territories, which were implemented this year.

#### 3. Construction

In 2011, two new construction types were added to the FHCF Data Call for commercial, tenants, and condominium types of business: masonry with reinforced concrete roof and superior with reinforced concrete roof. The purpose of these new construction types was to replace the roof deck mitigation credit by incorporating this "mitigation" feature into an actual construction classification.

Relativities between the most common construction within a type of business and the other construction types were calculated using AIR, EQE, FPM (except commercial), and RMS ZIP Code level loss costs. The indicated relativities were selected, except that they were limited to changing from the 2011 relativities by no more than 15%.

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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.

#### 4. Deductibles

The rates proposed are for the same sets of deductibles as for 2011.

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**

In 2011, FHCF data were collected for four residential, seven commercial, and four 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.

#### **Rating Region (Territory) Definition**

To begin the process this year, we identified the 1,465 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 915 of the ZIP Codes that had at least \$30 million of residential exposure. The remaining 550 ZIP Codes were mapped to these 915 ZIP Codes by location. Most of these 550 ZIP Codes were exclusively post office boxes. They inherited their territory from the territory of the ZIP 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 mandatory FHCF layer were used. The excess loss costs from three models (AIR, EQE, 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 40:1.

We tempered the change in territory from 2011 to 2012 by limiting the territory movement to no more than one from its 2011 territory assignment.

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.

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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 2% Masonry 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)

The preliminary factor is tempered by minimum and maximum caps.

Capped factor = 1.2 if the preliminary factor exceeds 1.2; or

0.8 if the preliminary factor is less than 0.8; or

the preliminary factor in all other cases.

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 2012 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 Contract Year 2012. No adjustments have been made to reflect availability of FHCF financial capacity during and subsequent to Contract Year 2012.

Actual coverage provided by the FHCF for Contract Year 2012 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 2012 FHCF ratemaking formula we have relied on the following data from various sources:

- FHCF exposure data as of 6/30/2011 as reported by 168 FHCF companies and compiled by Paragon. This data has not yet been audited 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 2012 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 October 1, 2011.
- 4. Allocations of projected 2012 season hurricane losses prepared by AIR, EQE, FPM, and RMS for use in developing various rating classifications.
- 5. Special studies of mitigation rating factors prepared by RMS and ARA.
- 6. Historical FHCF investment returns as reported by the SBA.
- 7. Industry residential construction cost trends for Florida and the United States as developed by Marshal Swift and Company.
- 8. Estimates of projected FHCF operating expenses by FHCF staff.
- 9. Estimates of net expenses for 2007A 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 2012 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**

II

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Summary of Rate Calculation

Section I : Retention, Attachment and 0	Coverage	Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Coverage Avg. % as of 11-08-2011		89.931%	88.370%	89.928%	89.991%	89.880%	89.917%	(1)	
Retention Loss Only Limit Retention + Limit Loss and LAE at Coverage Limit	7,389,000,000 18,006,062,491 25,395,062,491 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 coverage and annual agg	2,625,885,120 2,767,883,246 5.41% gregate deductibles	22,860,216 22,892,401 0.14%	188,199,807 188,861,102 0.35%	122,321,114 123,278,347 0.78%	535,082,145 536,543,260 0.27%	3,494,348,401 3,639,458,356 4.15%	(6) (7) (8)	(7)/(6) - 1
Allocation of Excess Loss to Type of Busi Excess Losses and LAE at Coverage	ness at Coverage Level	76.797% 772,685,326	0.603% 6,070,364	4.704% 47,328,262	3.681% 37,039,510	14.214% 143,013,662	100.000% 1,006,137,124	(9) (10)	[Alloc of Excess Losses] (7) (9)*total(10)
Per Company Analysis Factors Retention Adjustment Limit Adjustment Combined Retention and Limit Adjustmer	9.4703% -7.8744% t 1.5959%	73,175,772 -60,844,302 12,331,470	574,883 -478,005 96,878	4,482,138 -3,726,815 755,323	3,507,760 -2,916,638 591,122	13,543,851 -11,261,462 2,282,389	95,284,404 -79,227,222 16,057,183	(11) (14) (15)	(11 Factor)*(10) (14 Factor)*(10) (15 Factor)*(10)
Total Loss After Per Company Analysis F	actors	785,016,795	6,167,242	48,083,585	37,630,632	145,296,051	1,022,194,307	(16)	(10)+(15)
Post Model Adjustment Factors		5.00% 39,250,840	5.00% 308,362	5.00% 2,404,179	5.00% 1,881,532	5.00% 7,264,803	5.00% 51,109,715	(17) (18)	(17)*(16)
Total Excess Loss and LAE		824,267,635	6,475,605	50,487,765	39,512,164	152,560,854	1,073,304,022	(19)	(18)+(16)
Special Adjustments Investment Income Other Adjustments Total Special Adjustment	0.00% 0.00% 0.00%	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	(20) (21) (22)	(20 Factor)*(19) (21 Factor)*(19) (20)+(21)
Base Premium Prior to Expense Loadings	and Credits	824,267,635	6,475,605	50,487,765	39,512,164	152,560,854	1,073,304,022	(23)	(19)+(22)
Fixed Expense Loadings Operating Expense Multiple Deductible Reimbursement 2007A Note Expense Financial Product Expenses Mitigation Funding Offset for Premium Credits and Adjustme Total Fixed Expense Loadings	0.724% 0.000% 1.317% 0.000% 0.000% nts	5,967,912 0 10,859,000 0 0 16,826,911	46,885 0 85,310 0 0 0 132,195	365,545 0 665,132 0 0 0 1,030,676	286,078 0 520,538 0 0 0 806,616	1,104,580 0 2,009,855 0 0 0 3,114,435	7,771,000 0 14,139,834 0 0 0 21,910,834	(24a) (24b) (24c) (24d) (25) (26) (27)	SBA Operating Expenses Multiple Deductible Reimbursement Debt Service Payment & Lost Investment Income Expense for Reinsurance or Additional Pre Event Notes Standard Level -((1+(33))*(1+(37))-1)*((24a+24b+24c+24d)+(25))/((1+(33))*(1+(37)) (24a)+(24b)+(24c)+(24d)+(25)+(26)
Base Premium Prior to Credits (i.e., for FI	HCF Rates)	841,094,547	6,607,800	51,518,441	40,318,780	155,675,289	1,095,214,856	(28)	(23)+(27)
Premium Credits BCEG (%) BCEG (\$) Total Premium Credits	NA NA 0.00% NA	0.00% 0 0.00%	0.00% 0 0.00%	0.00% 0 0.00%	0.00% 0 0.00%	0.00% 0 0.00%	0.00% 0 0.00%	(31) (32) (33)	Given larger of BCEG or Windstorm Mitigation Credit in rates (28)*(31) (31)
2012 Section I Base Premium at Coverage	e Level prior to Cash Build Up	841,094,547	6,607,800	51,518,441	40,318,780	155,675,289	1,095,214,856	(34)	

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#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report

Section I: Adjustment to 11/08/2011 Exposure Base And Summary of Rate Change

				Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Adjustment for Change in I	Reportings 11/08/2	2011 to 11/08/2011									
2011 Section I Base Premi	ium (Net of Credits)	as of 11/08/2011 as of 11/08/2011 Change		879,401,910 879,401,910 0.00%	6,809,595 6,809,595 0.00%	52,883,369 52,883,369 0.00%	45,866,181 45,866,181 0.00%	159,931,340 159,931,340 0.00%	1,144,892,394 1,144,892,394 0.00%	(35) (36) (37)	(36)/(35) - 1
2011 Section I Exposure	(All ZIP Codes)	as of 11/08/2011 as of 11/08/2011 Change		1,777,122,020,846 1,777,122,020,846 0.00%	18,721,676,029 18,721,676,029 0.00%	84,603,564,101 84,603,564,101 0.00%	33,764,094,293 33,764,094,293 0.00%	203,681,219,313 203,681,219,313 0.00%	2,117,892,574,582 2,117,892,574,582 0.00%	(38) (39) (40)	(39)/(38) - 1
Exposure Trend (2011 to 2	2012)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(41)	
2012 Section I Exposure				1,777,122,020,846	18,721,676,029	84,603,564,101	33,764,094,293	203,681,219,313	2,117,892,574,582	(42)	(1+(41))*(39)
2012 Section I Actuarially I 2012 Section I Actuarially I		emium at Coverage Level emium at Cove. Level Adj For Reporting Change		841,094,547 841,094,547	6,607,800 6,607,800	51,518,441 51,518,441	40,318,780 40,318,780	155,675,289 155,675,289	1,095,214,856 1,095,214,856	. ,	(34) (1+(37))*(43)
2012 Adjusted Sect. I Base 2012 Adjusted Sect. I Base 2012 Adjusted Sect. I Base	e Premium at Cove e Premium at Cove e Premium at Cove	erage & 2009 Cash Build Up Level erage & 2010 Cash Build Up Level erage & 2011 Cash Build Up Level erage & 2012 Cash Build Up Level	5% 10% 15% 20%	883,149,274 925,204,001 967,258,728 1,009,313,456	6,938,190 7,268,580 7,598,970 7,929,360	54,094,363 56,670,285 59,246,207 61,822,129	42,334,719 44,350,658 46,366,597 48,382,536	163,459,053 171,242,818 179,026,582 186,810,347	1,149,975,599 1,204,736,342 1,259,497,085 1,314,257,827	(43.02) (44)	
Summary of Section I , P	remium, Exposur	e and Rate Change									
				Residential	Tenants	Condos	Mobile Home	Commercial	Total		
Base Premium (15% CB)	2011 2012 Change	as of 11/08/2011	Г	879,401,910 967,258,728 9.99%	6,809,595 7,598,970 11.59%	52,883,369 59,246,207 12.03%	45,866,181 46,366,597 1.09%	159,931,340 179,026,582 11.94%	1,144,892,394 1,259,497,085 10.01%	(46) (47) (48)	(36) (44) ((47)/(46))-1
Exposure	2011 2012 Change	as of 11/08/2011	_	1,777,122,020,846 1,777,122,020,846 0.00%	18,721,676,029 18,721,676,029 0.00%	84,603,564,101 84,603,564,101 0.00%	33,764,094,293 33,764,094,293 0.00%	203,681,219,313 203,681,219,313 0.00%	2,117,892,574,582 2,117,892,574,582 0.00%	(49) (50) (51)	(39) (42) ((50)/(49))-1
Rate Change (15% CB)	2011 2012 Change	as of 11/08/2011		0.4948 0.5443 9.99%	0.3637 0.4059 11.59%	0.6251 0.7003 12.03%	1.3584 1.3733 1.09%	0.7852 0.8790 11.94%	0.5406 0.5947 10.01%	(52) (53) (54)	1000*(46)/(49) 1000*(47)/(50) ((52)/(53))-1
Rate at 20% CB	2011			0.5679	0.4235	0.7307	1.4330	0.9172	0.6205	(54.01)	
Rate Change Including Eff	ect of Change in C	ash Build Up		14.77%	16.44%	16.90%	5.49%	16.81%	14.79%	(55)	(('1000*(45)/(50))/(53))-1
Loaded for 4B TICL		TICL Premium Adj Factor									
Base Premium	2011 2012 Change	1.3372 1.4529		1,175,909,186 1,466,407,820 24.70%	9,105,580 11,520,381 26.52%	70,714,014 89,819,920 27.02%	61,330,847 70,293,850 14.61%	213,855,268 271,412,366 26.91%	1,530,914,896 1,909,454,337 24.73%	(55) (56) (57)	(46)*TICL Prem Adj Factor (47)*TICL Prem Adj Factor ((56)/(55))-1
Rate Change FHCF + 4B	TICL Including Effe	ect of Change in Cash Build Up & TICL Prem		24.70%	26.52%	27.02%	14.61%	26.91%	24.73%	(58)	((1+(57))/(1+(51))-1

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Summary of Results

December	Retention	Limit	Residential	Tenants	Condos	Mobile Home	Commercial	Total	
Premium Sect. I: Basic Cov. Sect I: Extended Cov.			1,009,313,456	7,929,360	61,822,129	48,382,536	186,810,347		) (44) ) There is no Extended Coverage Charge for Citizens
Section I : Subtotal	7,389,000,000	17,000,000,000	1,009,313,456	7,929,360	61,822,129	48,382,536	186,810,347		(70)+(69)
Section II	0	0	0	0	0	0	0	` '	There is no Section II exposure
Total	7,389,000,000	17,000,000,000	1,009,313,456	7,929,360	61,822,129	48,382,536	186,810,347	1,314,257,827 (73)	) (71)+(72)
Coverage %			89.931%	88.370%	89.928%	89.991%	89.880%	89.917% (74)	) (1)
Projected Payout Multiple		12.9351							(73Limit)/(73total prem)
Retention Multiples	100%	5.0553	1,122,318,929	8,972,913	68,746,244	53,763,561	207,843,391	1.461.637.588 (75)	(73ret)/(73 tot prem)*(74tot)/100%)
· ·	90%	5.6170	1,010,087,036	8,075,622	61,871,620	48,387,205	187,059,052	1,315,473,829 (76)	(73ret)/(73 tot prem)*(74tot)/90%)
	75%	6.7404	841,739,197	6,729,685	51,559,683	40,322,671	155,882,543	1,096,228,191 (77)	(73ret)/(73 tot prem)*(74tot)/75%)
	45%	11.2340	505,043,518	4,037,811	30,935,810	24,193,602	93,529,526	657,736,915 (78)	(73ret)/(73 tot prem)*(74tot)/45%)
Sec I Projected Exposure		2012	1,777,122,020,846	18,721,676,029	84,603,564,101	33,764,094,293	203,681,219,313	2,117,892,574,582 (79)	(49)
Sec I Avg Basic Rates	100%		0.6315	0.4793	0.8126	1.5923	1.0204	0.6901 (80)	1000*(69)/(79)*((100%/(74))
	90%		0.5684	0.4314	0.7313	1.4331	0.9184	0.6211 (81)	1000*(69)/(79)*((90%/(74))
	75%		0.4737	0.3595	0.6094	1.1942	0.7653	0.5176 (82)	1000*(69)/(79)*((75%/(74))
	45%		0.2842	0.2157	0.3657	0.7165	0.4592	0.3106 (83)	1000*(69)/(79)*((45%/(74))
	Average Coverage		0.5679	0.4235	0.7307	1.4330	0.9172	0.6205 (84)	) 1000*(69)/(79) or (52)
Overall Section I Rate Chang	je								
	Total Premium	2011	879,401,910	6,809,595	52,883,369	45,866,181	159,931,340	1,144,892,394 (85)	) (45)
		2012	1,009,313,456	7,929,360	61,822,129	48,382,536	186,810,347	1,314,257,827 (86)	(73)
	Total Exposure	2011	1,777,122,020,846	18,721,676,029	84,603,564,101	33,764,094,293	203,681,219,313	2,117,892,574,582 (87)	(48)
		2012	1,777,122,020,846	18,721,676,029	84,603,564,101	33,764,094,293	203,681,219,313	2,117,892,574,582 (88)	(49)
A	Average Rate (000s)	2011	0.4948	0.3637	0.6251	1.3584	0.7852	0.5406 (89)	1000*(85)/(87)
		2012	0.5679	0.4235	0.7307	1.4330	0.9172	` '	1000*(86)/(88)
(	Overall Rate Change		14.77%	16.44%	16.90%	5.49%	16.81%	14.79% (91)	) (90)/(89) - 1

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#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Section I: Historical Exposures and Premiums

		Residential	Tenants*	Condo-Owners	Res + Ten + Condos*	Mobile Home	Commercial	Total
Section I Exp	osures (as	of 11/08/2011						
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2010 2011 2011 2012 2013	(Proj.)	\$647,611,806,441 \$655,747,424,327 \$665,706,907,693 \$679,581,831,252 \$707,168,630,617 \$771,151,251,493 \$736,388,109,947 \$881,241,349,524 \$960,713,898,611 \$1,086,8813,913,240 \$1,277,758,667,804 \$1,524,026,753,020 \$1,702,266,749,488 \$1,783,139,166,905 \$1,817,777,677,090 \$1,786,6833,377,365 \$1,777,122,020,846 \$1,777,122,020,846	\$13,003,683,702 \$9,978,046,965 \$8,305,789,690 \$8,252,746,375 \$9,924,693,880 \$17,752,381,487 \$17,693,185,920 \$17,697,307,503 \$17,753,810,672 \$51,799,012,562 \$18,721,676,029	\$46,438,855,177 \$57,021,170,515 \$58,380,744,660 \$60,903,265,480 \$66,772,130,556 \$75,485,583,443 \$78,473,134,815 \$79,407,858,258 \$83,810,722,141 \$84,603,564,101 \$84,603,564,101	\$647,611,806,441 \$655,747,424,327 \$665,706,907,693 \$679,581,831,252 \$707,168,630,617 \$771,151,251,493 \$795,830,648,826 \$948,2440,567,004 \$1,027,400,432,961 \$1,155,969,925,095 \$1,354,455,492,240 \$1,617,264,717,950 \$1,798,433,070,223 \$1,880,244,332,666 \$1,919,321,845,990 \$1,922,443,112,068 \$1,880,447,260,976	\$27,471,321,323 \$26,641,265,399 \$27,603,802,377 \$28,500,346,256 \$29,321,225,365 \$29,805,027,583 \$30,336,699,432 \$34,158,045,008 \$34,109,501,584 \$35,014,550,966 \$36,309,216,467 \$38,069,099,793 \$37,500,069,047 \$37,368,104,549 \$36,762,654,016 \$35,633,574,279 \$33,764,094,293 \$33,764,094,293	\$72,259,223,184 \$72,045,415,920 \$67,060,941,081 \$62,406,530,257 \$62,310,422,803 \$80,327,371,492 \$95,903,685,545 \$113,055,152,173 \$122,711,546,221 \$120,567,809,498 \$125,518,806,067 \$136,340,614,829 \$186,827,864,101 \$197,900,227,178 \$212,460,681,802 \$210,537,592,809 \$203,681,219,313 \$203,681,219,313	\$747,342,350,948 \$754,434,105,646 \$760,371,651,151 \$770,488,707,765 \$798,800,278,785 \$881,283,650,568 \$922,071,033,803 \$1,095,453,764,185 \$1,184,221,480,766 \$1,311,552,285,559 \$1,516,283,514,774 \$1,791,674,432,572 \$2,102,761,003,371 \$2,115,512,664,393 \$2,168,545,181,808 \$2,168,614,279,156 \$2,117,892,574,582 \$2,117,892,574,582
2015 Section I Net	Premiums	(as of 11/08/2011)						
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2011 2011 2012 2013 2014 2015	(Proj.)	\$365,441,174 \$373,798,271 \$415,722,692 \$389,075,957 \$388,501,837 \$396,065,588 \$376,103,613 \$388,074,163 \$359,180,239 \$468,026,111 \$559,793,744 \$800,615,393 \$691,720,287 \$751,531,398 \$823,095,325 \$836,222,468 \$879,401,910	\$6,575,411 \$6,746,508 \$5,939,197 \$7,079,597 \$9,518,027 \$8,474,598 \$7,983,950 \$7,063,055 \$6,653,771 \$19,333,114 \$6,809,595 \$7,929,360	\$38,980,360 \$36,798,913 \$29,013,117 \$33,860,116 \$38,847,822 \$53,420,294 \$47,921,055 \$48,188,923 \$52,077,032 \$51,865,770 \$52,883,369 \$61,822,129	\$365,441,174 \$373,798,271 \$415,722,692 \$389,075,957 \$388,501,837 \$396,065,588 \$421,659,384 \$431,619,584 \$394,132,553 \$508,965,823 \$608,159,593 \$862,510,286 \$747,625,293 \$806,789,377 \$881,826,128 \$907,421,353 \$939,094,873 \$1,079,064,945	\$41,753,898 \$26,572,650 \$27,345,486 \$25,993,375 \$22,500,426 \$22,930,942 \$25,330,225 \$23,648,101 \$23,687,744 \$27,331,456 \$31,595,548 \$40,445,369 \$32,641,320 \$35,517,945 \$39,715,397 \$43,588,284 \$45,866,181 \$48,382,536	\$28,160,017 \$20,443,819 \$20,349,644 \$18,909,380 \$22,411,742 \$21,834,966 \$31,664,198 \$43,058,901 \$49,650,430 \$64,363,563 \$80,685,907 \$124,071,230 \$152,456,423 \$149,973,088 \$155,523,244 \$153,614,780 \$159,931,340 \$186,810,347	\$435,355,089 \$420,814,740 \$463,417,822 \$433,978,711 \$433,414,006 \$440,831,495 \$478,653,807 \$498,326,586 \$467,470,726 \$600,660,843 \$720,441,048 \$1,027,026,885 \$932,723,035 \$992,280,410 \$1,104,624,417 \$1,144,892,394 \$1,314,257,827
1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2011 2012 2013 2014 2015	erage Rates	(per \$1000)  0.5643 0.5700 0.6245 0.5725 0.5494 0.5136 0.5107 0.4404 0.3739 0.4306 0.4381 0.5253 0.4064 0.4215 0.4528 0.4680 0.4948 0.5679	0.5057 0.6761 0.7151 0.8578 0.9590 0.4774 0.4512 0.3994 0.3732 0.3637 0.4235	0.8394 0.6454 0.4970 0.5560 0.5818 0.7077 0.6069 0.6215 0.6188 0.6251 0.7307	0.5643 0.5700 0.6245 0.5725 0.5494 0.5136 0.5298 0.4552 0.3836 0.4403 0.4490 0.5333 0.4157 0.4291 0.4594 0.4720 0.4994	1.5199 0.9974 0.9906 0.9120 0.7674 0.8350 0.6923 0.6945 0.7806 0.8702 1.0624 0.8702 1.0624 0.9505 1.0803 1.2232 1.3584 1.4330	0.3897 0.2838 0.3035 0.3035 0.3597 0.2718 0.3302 0.4046 0.5338 0.6428 0.9100 0.8160 0.7578 0.7320 0.7296 0.7852	0.5825 0.5578 0.6095 0.5633 0.5426 0.5002 0.5191 0.4549 0.3947 0.4580 0.4751 0.5732 0.4611 0.4690 0.4967 0.5094 0.5406 0.6205

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#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Section I: Historical Exposures and Premiums

Percent Change in Rates	Residential	Tenants*	Condo-Owners	Res + Ten + Condos*	Mobile Home	Commercial	Total
1995-96	1.02%			1.02%	-34.38%	-27.19%	-4.25%
1995-96	9.55%			9.55%	-34.38% -0.68%	6.94%	9.26%
1997-98	-8.32%			-8.32%	-7.93%	-0.15%	-7.58%
1998-99	-4.04%			-4.04%	-15.86%	18.70%	-3.67%
1999-00	-6.51%			-6.51%	0.26%	-24.43%	-7.81%
2000-01	-0.56%			3.16%	8.53%	21.46%	3.78%
2001-02	-13.78%	33.71%	-23.12%	-14.09%	-17.09%	15.36%	-12.37%
2002-03 **	-15.10%	5.76%	-22.99%	-15.72%	0.31%	6.23%	-13.22%
2003-04	15.19%	19.97%	11.87%	14.77%	12.40%	31.94%	16.02%
2004-05	1.73%	11.79%	4.65%	1.98%	11.48%	20.41%	3.75%
2005-06	19.91%	-50.22%	21.64%	18.78%	22.09%	41.57%	20.64%
2006-07	-22.65%	-5.47%	-13.71%	-22.05%	-18.07%	-10.33%	-19.56%
2007-08	3.72%	-11.48%	-0.62%	3.22%	9.20%	-7.13%	1.72%
2008-09	7.44%	-6.17%	2.42%	7.08%	13.66%	-3.41%	5.89%
2009-10	3.35%	-0.41%	-0.43%	2.74%	13.23%	-0.32%	2.56%
2010-11	5.74%	-2.55%	1.01%	5.80%	11.05%	7.62%	6.13%
2011-12	14.77%	16.44%	16.90%	14.90%	5.49%	16.81%	14.79%
2012-13							
2013-14							
2014-15							
Historical Rates as Perce	ent of 2011 Rates						
1995	99%			98%	106%	42%	94%
1996	100%			99%	70%	31%	90%
1997	110%			109%	69%	33%	98%
1998	101%			100%	64%	33%	91%
1999	97%			96%	54%	39%	87%
2000	90%			90%	54%	30%	81%
2001	90%			92%	58%	36%	84%
2001	78%	160%	88%	92% 79%	48%	36% 42%	73%
2003	66%	169%	68%	67%	48%	44%	64%
2004	76%	203%	76%	77%	54%	58%	74%
2005	77%	226%	80%	78%	61%	70%	77%
2006	92%	113%	97%	93%	74%	99%	92%
2007	72%	107%	84%	72%	61%	89%	74%
2008	74%	94%	83%	75%	66%	83%	76%
2009	80%	88%	85%	80%	75%	80%	80%
2010	82%	88%	85%	82%	85%	80%	82%
2011	87%	86%	86%	87%	95%	86%	87%
2012	100%	100%	100%	100%	100%	100%	100%
2013							
2014							
2015							
Historical Rate on Line (N Limit(\$B)	Mandatory Coverage o	only					
1995							
1996							
1997							
1998							
1999							
2000							
2001							
2001							
2002							
							E 00/
2004 12.000							5.0%
2005 15.000							4.8%
2006 15.000							6.8%
2007 15.845							5.9%
2008 16.530							6.0%
2009 17.175							6.3%
2010 17.000							6.5%
2011 17.000							6.7%
2012 17.000							7.7%
2013							
2014							

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<sup>\*</sup>Includes Inland Marine/Stand Alone & Other Contents Type Policies

\*\* 2002 rates are based on an exposure base estimated to be 6.17% higher than in preceding years, due to inclusion of additional living expense exposure.

## **EXHIBIT**

III

#### Trended Control Totals By Type

Туре	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Commercial	193,594	3.02%	\$203,681,219,313	\$1,052,105	9.62%
Residential	4,409,207	68.77%	\$1,777,122,020,846	\$403,048	83.91%
Mobile Home	433,792	6.77%	\$33,764,094,293	\$77,835	1.59%
Tenants	583,967	9.11%	\$18,721,676,029	\$32,059	0.88%
Condominium Unit Owners	790,908	12.34%	\$84,603,564,101	\$106,970	3.99%
Total	6,411,468	100.00%	\$2,117,892,574,582	\$330,329	100.00%

#### Trended Commercial Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	34,988	18.07%	\$20,836,089,088	\$595,521	10.23%
Masonry	141,030	72.85%	\$105,879,318,691	\$750,757	51.98%
Masonry with Reinforced Concrete Roof	9,047	4.67%	\$12,810,761,156	\$1,416,023	6.29%
Superior	3,025	1.56%	\$41,612,546,975	\$13,756,214	20.43%
Superior with Reinforced Concrete Roof	670	0.35%	\$22,255,541,984	\$33,217,227	10.93%
Masonry Veneer	140	0.07%	\$102,612,400	\$732,946	0.05%
Unknown/Non Mobile Home Default	4,694	2.42%	\$184,349,019	\$39,273	0.09%
Total	193,594	100.00%	\$203,681,219,313	\$1,052,105	100.00%

#### Trended Residential Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	858,483	19.47%	\$328,362,701,944	\$382,492	18.48%
Masonry	3,185,710	72.25%	\$1,311,983,772,767	\$411,834	73.83%
Masonry Veneer	240,757	5.46%	\$107,482,935,091	\$446,437	6.05%
Unknown/Non Mobile Home Default	124,257	2.82%	\$29,292,611,044	\$235,742	1.65%
Total	4,409,207	100.00%	\$1,777,122,020,846	\$403,048	100.00%

#### Trended Mobile Home Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Mobile Home - Fully Tied Down, Mfg before 7/13/94	274,808	63.35%	\$17,092,738,583	\$62,199	50.62%
Mobile Home - Fully Tied Down, Mfg on or after 7/13/94	141,181	32.55%	\$15,200,110,136	\$107,664	45.02%
Mobile Home - Other Than Fully Tied Down or Unknown	17,803	4.10%	\$1,471,245,574	\$82,640	4.36%
Total	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%

#### Trended Tenants Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	61,209	10.48%	\$2,525,362,617	\$41,258	13.49%
Masonry	126,720	21.70%	\$6,342,532,963	\$50,052	33.88%
Masonry with Reinforced Concrete Roof	391	0.07%	\$33,811,197	\$86,474	0.18%
Superior	4,626	0.79%	\$302,376,753	\$65,365	1.62%
Superior with Reinforced Concrete Roof	685	0.12%	\$76,304,533	\$111,393	0.41%
Masonry Veneer	11,351	1.94%	\$571,166,060	\$50,319	3.05%
Unknown/Non Mobile Home Default	378,985	64.90%	\$8,870,121,906	\$23,405	47.38%
Total	583,967	100.00%	\$18,721,676,029	\$32,059	100.00%

#### Trended Condominium Unit Owners Control Totals By Construction

Construction	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
Frame	65,755	8.31%	\$6,347,840,276	\$96,538	7.50%
Masonry	497,937	62.96%	\$47,095,456,372	\$94,581	55.67%
Masonry with Reinforced Concrete Roof	52,283	6.61%	\$5,954,830,436	\$113,896	7.04%
Superior	83,471	10.55%	\$10,468,031,602	\$125,409	12.37%
Superior with Reinforced Concrete Roof	81,459	10.30%	\$13,326,607,676	\$163,599	15.75%
Masonry Veneer	7,955	1.01%	\$822,181,177	\$103,354	0.97%
Unknown/Non Mobile Home Default	2,048	0.26%	\$588,616,562	\$287,410	0.70%
Total	790,908	100.00%	\$84,603,564,101	\$106,970	100.00%

#### Trended Commercial Control Totals By Deductible Code

Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
CA (\$0 to \$2,500)	430	0.22%	\$129,011,229	\$300,026	0.06%
CB (\$2,501 to \$7,500)	165	0.09%	\$260,886,883	\$1,581,133	0.13%
CC (\$7,501 to \$15,000)	44	0.02%	\$652,082,582	\$14,820,059	0.32%
CD (\$15,001 to \$50,000)	1,093	0.56%	\$1,617,909,599	\$1,480,247	0.79%
C1 (1%)	97	0.05%	\$251,858,287	\$2,596,477	0.12%
C2 (2%)	2,914	1.51%	\$3,716,595,268	\$1,275,427	1.82%
C3 (3%)	117,234	60.56%	\$116,561,091,820	\$994,260	57.23%
C4 (4%)	219	0.11%	\$5,459,544,028	\$24,929,425	2.68%
C5 (5%)	69,932	36.12%	\$71,794,058,597	\$1,026,627	35.25%
C6 (6%)	39	0.02%	\$2,173,700,448	\$55,735,909	1.07%
C7 (7%)	1	0.00%	\$15,000	\$15,000	0.00%
C8 (8%)	0	0.00%	\$0	\$0	0.00%
C9 (9%)	1	0.00%	\$12,000	\$12,000	0.00%
C0 (10%)	1,425	0.74%	\$1,064,453,572	\$746,985	0.52%
Total	193,594	100.00%	\$203,681,219,313	\$1,052,105	100.00%

## Trended Residential Control Totals By Deductible Code

Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM (\$0)	35,822	0.81%	\$3,528,757,971	\$98,508	0.20%
RA (\$1 to \$500)	187,293	4.25%	\$52,954,078,888	\$282,734	2.98%
RB (\$501 to \$1,500)	88,137	2.00%	\$21,035,331,142	\$238,666	1.18%
RC (\$1,501 to \$2,500)	2,435	0.06%	\$698,612,462	\$286,905	0.04%
RD (Greater Than \$2,500)	1,956	0.04%	\$1,295,837,869	\$662,494	0.07%
R1 (1%)	13,828	0.31%	\$8,279,178,339	\$598,726	0.47%
R2 (2%)	3,809,953	86.41%	\$1,540,875,569,034	\$404,434	86.71%
R3 (3%)	5,795	0.13%	\$3,549,838,084	\$612,569	0.20%
R4 (4%)	3,769	0.09%	\$2,416,067,877	\$641,037	0.14%
R5 (5%)	228,393	5.18%	\$120,103,827,940	\$525,865	6.76%
R6 (6%)	5	0.00%	\$3,947,435	\$0	0.00%
R7 (7%)	4	0.00%	\$10,184,691	\$0	0.00%
R8 (8%)	17	0.00%	\$10,485,943	\$0	0.00%
R9 (9%)	11	0.00%	\$5,167,316	\$469,756	0.00%
R0 (10% to 14%)	30,584	0.69%	\$19,752,351,447	\$645,839	1.11%
RZ (15% or Greater)	1,205	0.03%	\$2,602,784,408	\$2,159,987	0.15%
Total	4,409,207	100.00%	\$1,777,122,020,846	\$403,048	100.00%

## Trended Mobile Home Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
ММ	(\$0)	625	0.14%	\$7,370,632	\$11,793	0.02%
MA	(\$1 to \$250)	1,106	0.25%	\$10,953,606	\$9,904	0.03%
MB	(\$251 to \$500)	183,933	42.40%	\$12,552,137,794	\$68,243	37.18%
MC	(Greater Than \$500)	7,569	1.74%	\$650,259,445	\$85,911	1.93%
M1	(1%)	211	0.05%	\$26,019,970	\$123,317	0.08%
M2	(2%)	147,554	34.01%	\$13,792,367,790	\$93,473	40.85%
М3	(3%)	193	0.04%	\$14,754,746	\$76,449	0.04%
M4	(4%)	27	0.01%	\$1,458,840	\$54,031	0.00%
M5	(5%)	79,987	18.44%	\$5,976,056,571	\$74,713	17.70%
M6	(6%)	0	0.00%	\$0	\$0	0.00%
M7	(7%)	0	0.00%	\$0	\$0	0.00%
M8	(8%)	0	0.00%	\$0	\$0	0.00%
M9	(9%)	0	0.00%	\$0	\$0	0.00%
M0	(10% or Greater)	12,587	2.90%	\$732,714,899	\$58,212	2.17%
Tota	al	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%

## Trended Tenants Control Totals By Deductible Code

Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM (\$0)	206,833	35.42%	\$6,365,924,201	\$30,778	34.00%
RA (\$1 to \$500)	288,184	49.35%	\$8,214,343,497	\$28,504	43.88%
RB (\$501 to \$1,500)	44,752	7.66%	\$1,233,132,630	\$27,555	6.59%
RC (\$1,501 to \$2,500)	648	0.11%	\$35,202,386	\$54,325	0.19%
RD (Greater Than \$2,500)	413	0.07%	\$36,180,608	\$87,604	0.19%
R1 (1%)	34	0.01%	\$7,584,045	\$223,060	0.04%
R2 (2%)	40,441	6.93%	\$2,662,942,663	\$65,848	14.22%
R3 (3%)	79	0.01%	\$27,608,036	\$349,469	0.15%
R4 (4%)	2	0.00%	\$107,400	\$53,700	0.00%
R5 (5%)	1,666	0.29%	\$87,693,460	\$52,637	0.47%
R6 (6%)	0	0.00%	\$0	\$0	0.00%
R7 (7%)	0	0.00%	\$0	\$0	0.00%
R8 (8%)	0	0.00%	\$0	\$0	0.00%
R9 (9%)	0	0.00%	\$0	\$0	0.00%
R0 (10% to 14%)	860	0.15%	\$32,069,503	\$37,290	0.17%
RZ (15% or Greater)	55	0.01%	\$18,887,600	\$343,411	0.10%
Total	583,967	100.00%	\$18,721,676,029	\$32,059	100.00%

Trended Condominium Unit Owners Control Totals By Deductible Code

	Deductible Code	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
RM	(\$0)	5,712	0.72%	\$738,566,122	\$129,301	0.87%
RA	(\$1 to \$500)	254,352	32.16%	\$17,808,268,808	\$70,014	21.05%
RB	(\$501 to \$1,500)	38,092	4.82%	\$4,335,036,940	\$113,804	5.12%
RC	(\$1,501 to \$2,500)	4,546	0.57%	\$627,834,154	\$138,107	0.74%
RD	(Greater Than \$2,500)	779	0.10%	\$162,638,827	\$208,779	0.19%
R1	(1%)	123	0.02%	\$63,423,772	\$515,640	0.07%
R2	(2%)	454,426	57.46%	\$55,297,214,931	\$121,686	65.36%
R3	(3%)	588	0.07%	\$138,337,411	\$235,268	0.16%
R4	(4%)	179	0.02%	\$35,675,940	\$199,307	0.04%
R5	(5%)	25,336	3.20%	\$3,992,204,225	\$157,570	4.72%
R6	(6%)	6	0.00%	\$1,772,680	\$0	0.00%
R7	(7%)	0	0.00%	\$0	\$0	0.00%
R8	(8%)	5	0.00%	\$252,672	\$0	0.00%
R9	(9%)	3	0.00%	\$346,080	\$0	0.00%
R0	(10% to 14%)	5,418	0.69%	\$682,081,754	\$125,892	0.81%
RZ	(15% or Greater)	1,343	0.17%	\$719,909,785	\$536,046	0.85%
Tota	al	790,908	100.00%	\$84,603,564,101	\$106,970	100.00%

## Trended Exposures and Risks from Invalid ZIP Codes

		nvalid ZIP Code Dat	a	Valid Zip Code Data			
Туре	Units	Exposure	Ave. Size Risk	Units	Exposure	Ave. Size Risk	
Commercial	106	\$87,313,076	\$823,708	193,488	203,593,906,237	\$1,052,230	
Residential	450	\$129,836,628	\$288,526	4,408,757	1,776,992,184,218	\$403,060	
Mobile Home	261	\$13,471,266	\$51,614	433,531	33,750,623,027	\$77,851	
Tenants	45	\$1,152,787	\$25,617	583,922	18,720,523,242	\$32,060	
Condo Owners	35	\$3,231,223	\$92,321	790,873	84,600,332,878	\$106,971	
Total	897	\$235,004,980	\$261,990	6,410,571	\$2,117,657,569,602	\$330,338	

_		All Data		% from Invalid ZIP Codes			
Туре	Units	Exposure	Ave. Size Risk	Units	Exposure		
Commercial	193,594	\$203,681,219,313	\$1,052,105	0.05%	0.04%		
Residential	4,409,207	\$1,777,122,020,846	\$403,048	0.01%	0.01%		
Mobile Home	433,792	\$33,764,094,293	\$77,835	0.06%	0.04%		
Tenants/Other	583,967	\$18,721,676,029	\$32,059	0.01%	0.01%		
Condo Owners	790,908	\$84,603,564,101	\$106,970	0.00%	0.00%		
Total	6,411,468	\$2,117,892,574,582	\$330,329	0.01%	0.01%		

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Exposures, Unit Counts and Averages As of 11/8/11

			Exposures (\$)					Annua	I Change (%)** Exposures		
_	Commercial	Residential*	Mobile Home	Stand Alone I.M.**	Total	-	Commercial	Residential*	Mobile Home	Stand Alone I.M.**	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	72,045,415,920	655,747,424,327	26,641,265,399	N/A	754,434,105,646	1996-1997	(6.9)	1.5	3.6	N/A	0.8
1997	67,060,941,081	665,706,907,693	27,603,802,377	N/A	760,371,651,151	1997-1998	(6.9)	2.1	3.2	N/A	1.3
1998	62,406,306,257	679,581,831,252	28,500,346,256	N/A	770,488,483,765	1998-1999	(0.2)	4.1	2.9	N/A	3.7
1999	62,310,422,803	707,168,630,617	29,321,225,365	N/A	798,800,278,785	1999-2000	28.9	9.0	1.7	N/A	10.3
2000	80,327,371,492	771,151,251,493	29,805,027,583	N/A	881,283,650,568	2000-2001	19.4	3.2	1.8	N/A	4.6
2001	95,903,685,545	795,830,648,826	30,336,699,432	N/A	922,071,033,803	2001-2002	17.9	19.2	12.6	N/A	19.3
2002	113,055,152,173	948,240,567,004	34,158,045,008	4,649,506,167	1,100,103,270,352	2002-2003	8.5	8.3	(0.1)	78.7	8.4
2003	122,711,546,221	1,027,400,432,961	34,109,501,584	8,307,577,221	1,192,529,057,987	2003-2004	(1.7)	12.5	2.7	9.4	10.7
2004	120,567,809,498	1,155,969,925,095	35,014,550,966	9,090,209,248	1,320,642,494,807	2004-2005	4.1	17.2	3.7	16.6	15.6
2005	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
2006	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
2007	186,827,864,101	1,798,433,070,223	37,500,069,047	N/A	2,022,761,003,371	2007-2008	5.9	4.5	(0.4)	N/A	4.6
2008	197,900,227,178	1,880,244,332,666	37,368,104,549	N/A	2,115,512,664,393	2008-2009	7.4	2.1	(1.6)	N/A	2.5
2009	212,460,681,802	1,919,321,845,990	36,762,654,016	N/A	2,168,545,181,808	2009-2010	(0.9)	0.2	(3.1)	N/A	0.0
2010	210,537,592,809	1,922,443,112,068	35,633,574,279	N/A	2,168,614,279,156	2010-2011	(3.3)	(2.2)	(5.2)	N/A	(2.3)
2011	203,681,219,313	1,880,447,260,976	33,764,094,293	N/A	2,117,892,574,582	Avg. 95-11	7.3	7.4	1.2	N/A	6.9
_	Commercial	Residential*	Unit Counts Mobile Home	Stand Alone I.M.**	Total	-	Commercial	Residential*	Unit Counts 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	(8.0)
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	5,757,485	468,751	N/A	6,422,120	2009-2010	(0.8)	0.2	(3.1)	N/A	(0.1)
2010	194,328	5,768,756	453,996	N/A	6,417,080	2010-2011	(0.4)	0.3	(4.5)	N/A	(0.1)
2011	193,594	5,784,082	433,792	N/A	6,411,468	Avg. 95-11	0.5	1.5	(2.1)	N/A	1.0
						J					
_	Commercial	Residential*	Averages (\$) Mobile Home	Stand Alone I.M.**	Total	-	Commercial	Residential*	Averages 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	2000-2001	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
2002	681,905	210,287	59,059	23,870	199,045	2002-2003	15.8	10.0	5.3	16.3	9.8
2003	789,470	231,258	62,195	27,758	218,584	2003-2004	9.2	12.0	7.2	13.3	11.7
2004	861,742	259,017	66,692	31,463	244,056	2004-2005	11.6	8.7	9.4	N/A	14.6
2005	961,621	281,637	72,928	N/A	279,680	2005-2006	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	1.7	1.1	N/A	2.2
2009	1,084,625	333,361	78,427	N/A	337,668	2009-2010	(0.1)	(0.0)	0.1	N/A	0.1
2010	1,083,414	333,251	78,489	N/A	337,944	2010-2011	(2.9)	(2.4)	(0.8)	N/A	(2.3)
2010	1,052,105	325,107	77,835	N/A	330,329	Avg. 95-11	8.2	5.8	3.5	N/A	5.9
2011	1,002,100	020,107	77,000	IVA	000,020	7.vg. 33-11	0.2	5.0	5.5	IVA	5.5

<sup>\*</sup> 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

	Percent o	f Primary	Average	Percent of
Mitigation Feature Units	s Units	Exposure	Exposure	Exposure
YEAR BUILT				
Unknown	980 0.519	% \$1,785,760,544	\$1,822,205	0.88%
1994 or Earlier 144,	240 74.51 <sup>9</sup>	6 \$132,620,239,101	\$919,441	65.11%
1995-2001 16,	495 8.529	6 \$21,739,809,032	\$1,317,964	10.67%
2002 or Later 31,	879 16.479	<b>\$47,535,410,636</b>	\$1,491,120	23.34%
TOTAL 193,	594 100.00°	6 \$203,681,219,313	\$5,550,730	100.00%
STRUCTURE OPENING PROTECTION				
No Credit is Given to Policyholder 176,	085 90.96 <sup>9</sup>	6 \$154,371,288,069	\$876,686	75.79%
Credit is Given to Policyholder 17,	509 9.049	6 \$49,309,931,244	\$2,816,262	24.21%
TOTAL 193,	594 100.00°	6 \$203,681,219,313	\$3,692,948	100.00%
ROOF SHAPE				
Hip, Mansard, or Pyramid 39,	885 20.609	6 \$30,272,687,613	\$758,999	14.86%
Gable, Other, or Unknown 153,	709 79.409	% \$173,408,531,700	\$1,128,161	85.14%
TOTAL 193,	594 100.00°	6 \$203,681,219,313	\$1,887,161	100.00%

## Residential Totals By Mitigation Features

Mitigation Feature	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown	126,961	2.88%	\$28,877,589,023	\$227,452	1.62%
1994 or Earlier	2,727,619	61.86%	\$965,035,607,680	\$353,801	54.30%
1995-2001	638,817	14.49%	\$317,468,885,929	\$496,964	17.86%
2002 or Later	915,860	20.77%	\$465,859,046,090	\$508,657	26.21%
TOTAL	4,409,257	100.00%	\$1,777,241,128,722	\$1,586,875	100.00%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	3,662,936	83.07%	\$1,373,643,637,653	\$375,012	77.29%
Credit is Given to Policyholder	746,321	16.93%	\$403,597,491,069	\$540,783	22.71%
TOTAL	4,409,257	100.00%	\$1,777,241,128,722	\$915,794	100.00%
ROOF SHAPE					
Hip, Mansard, or Pyramid	1,175,191	26.65%	\$612,040,886,314	\$520,801	34.44%
Gable, Other, or Unknown	3,234,066	73.35%	\$1,165,200,242,408	\$360,290	65.56%
TOTAL	4,409,257	100.00%	\$1,777,241,128,722	\$881,091	100.00%

## Mobile Home Totals By Mitigation Features

		Percent of	Primary	Average	Percent of
Mitigation Feature	Units	Units	Exposure	Exposure	Exposure
YEAR BUILT					
Unknown or Mobile Home	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%
1994 or Earlier	0	0.00%	\$0	\$0	0.00%
1995-2001	0	0.00%	\$0	\$0	0.00%
2002 or Later	0	0.00%	\$0	\$0	0.00%
TOTAL	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%
Credit is Given to Policyholder	0	0.00%	\$0	\$0	0.00%
TOTAL	433,792	100.00%	\$33,764,094,293	\$77,835	100.00%
ROOF SHAPE					
Hip, Mansard, or Pyramid	1,033	0.24%	\$90,039,878	\$87,163	0.27%
Gable, Other, or Unknown	432,759	99.76%	\$33,674,054,415	\$77,812	99.73%
TOTAL	433,792	100.00%	\$33,764,094,293	\$164,976	100.00%

## Tenants Totals By Mitigation Features

		Percent of	Primary	Average	Percent of
Mitigation Feature	Units	Units	Exposure	Exposure	Exposure
YEAR BUILT					
Unknown	333,841	57.17%	\$7,442,664,328	\$22,294	39.75%
1994 or Earlier	126,403	21.65%	\$5,384,773,547	\$42,600	28.76%
1995-2001	54,432	9.32%	\$2,430,670,381	\$44,655	12.98%
2002 or Later	69,291	11.87%	\$3,463,567,773	\$49,986	18.50%
TOTAL	583,967	100.00%	\$18,721,676,029	\$159,535	100.00%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	574,754	98.42%	\$17,476,852,246	\$30,408	93.35%
Credit is Given to Policyholder	9,213	1.58%	\$1,244,823,783	\$135,116	6.65%
TOTAL	583,967	100.00%	\$18,721,676,029	\$165,524	100.00%
ROOF SHAPE					
Hip, Mansard, or Pyramid	17,126	2.93%	\$1,423,786,368	\$83,136	7.61%
Gable, Other, or Unknown	566,841	97.07%	\$17,297,889,661	\$30,516	92.39%
TOTAL	583,967	100.00%	\$18,721,676,029	\$113,652	100.00%

## Condominium Unit Owners Totals By Mitigation Features

Mitigation Feature	Units	Percent of Units	Primary Exposure	Average Exposure	Percent of Exposure
YEAR BUILT					
Unknown	12,425	1.57%	\$2,363,513,550	\$190,222	2.79%
1994 or Earlier	564,736	71.40%	\$51,167,831,460	\$90,605	60.48%
1995-2001	82,325	10.41%	\$12,144,470,541	\$147,519	14.35%
2002 or Later	131,422	16.62%	\$18,927,748,550	\$144,023	22.37%
TOTAL	790,908	100.00%	\$84,603,564,101	\$572,369	100.00%
STRUCTURE OPENING PROTECTION					
No Credit is Given to Policyholder	683,943	86.48%	\$64,044,732,782	\$93,640	75.70%
Credit is Given to Policyholder	106,965	13.52%	\$20,558,831,319	\$192,201	24.30%
TOTAL	790,908	100.00%	\$84,603,564,101	\$285,842	100.00%
ROOF SHAPE					
Hip, Mansard, or Pyramid	85,880	10.86%	\$11,115,903,746	\$129,435	13.14%
Gable, Other, or Unknown	705,028	89.14%	\$73,487,660,355	\$104,234	86.86%
TOTAL	790,908	100.00%	\$84,603,564,101	\$233,669	100.00%

## **EXHIBIT**

IV

#### Florida Hurricane Catastrophe Fund 2012 Calculation of Layer of Coverage Using 6/30/2011 FHCF Premium and Exposure Data as of 11/08/2011

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%	284	883,751,242	225,277	212,921	473,157
1	75%	0	0	0	0	0
1	90%	193,310	202,797,468,071	159,974,234	159,718,419	177,464,910
2	45%	14,743	5,180,456,140	639,964	674,010	1,497,801
2	75%	0	0	0	0	0
2	90%	4,394,464	1,771,941,564,706	884,369,914	878,727,900	976,364,333
3	45%	239	11,470,467	4,426	4,426	9,836
3	75%	0	0	0	0	0
3	90%	433,553	33,752,623,826	45,861,755	45,861,755	50,957,506
4	45%	78,555	703,936,399	116,716	125,607	279,126
4	75%	0	0	0	0	0
4	90%	505,412	18,017,739,630	6,641,423	6,683,988	7,426,653
6	45%	1,724	146,886,298	38,158	42,335	94,077
6	75%	0	0	00,100	0	0
6	90%	789,184	84,456,677,803	52,899,321	52,841,034	58,712,260
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	193,594	203,681,219,313	160,199,511	159,931,340	177,938,067
2	xx	4,409,207	1,777,122,020,846	885,009,878	879,401,910	977,862,134
3	xx	433,792	33,764,094,293	45,866,181	45,866,181	50,967,341
4	xx	583,967	18,721,676,029	6,758,139	6,809,595	7,705,779
6	xx	790,908	84,603,564,101	52,937,479	52,883,369	58,806,337
xx	45%	95,545	6,926,500,546	1,024,541	1,059,298	2,353,997
XX	75%	0	0	0	0	0
xx	90%	6,315,923	2,110,966,074,036	1,149,746,647	1,143,833,096	1,270,925,662
Section I To	otal	6,411,468	2,117,892,574,582	1,150,771,188	1,144,892,394	1,273,279,658
Section II To	otal*	0	0	0	0	0
Grand Total		6,411,468	2,117,892,574,582	1,150,771,188	1,144,892,394	1,273,279,658
		ection II exposure in 2002.				
Weighted A	verage Cover	rage Multiples - Se	ction I Only			
1	Commercial	0.89934	0.89805			0.89880
2	Residential	0.89850	0.89869		To be used	0.89931
3	Mobile Home	0.89975	0.89985		for 2012	0.89991
4	Tenants	0.83947	0.88308		Section I	0.88370
6	Condos	0.89902	0.89922		ratemaking:	0.89928
	Total	0.89329	0.89853			0.89917
Weighted A	verage Cover	rage Multiple - Sec	tions I and II			
	Total	0.89329	0.89853			0.89917

## Florida Hurricane Catastrophe Fund 2012 Calculation of Layer of Coverage Using 6/30/2011 FHCF Premium and Exposure Data as of 11/08/2011

#### 1. Calculate Section I and II Retention

Historical Exposure						
2004	Total		as 11/08/2011 320,642,494,807	Estimate of Missing Data -	Total 1,320,642,494,807	
2010	Total	2,	168,614,279,156	-	2,168,614,279,156	
Growth in exposure, 2004 to 2010 Base FHCF Retention 2011 Retention (Actual, based on premiums paid) 2012 Target Retention 2012 Selected Retention				64.209% 4,500,000,000 7,142,986,867 7,389,406,516 7,389,000,000	Increase 2011 to 2012 3.44%	[1a] [1b] [1c]=(1+[1a])x[1b] [1d]=[1c], rnd'd to \$M
2. Allocate Retention to Sections I and II						
2011 Net Full Coverage FHCF Premium (ie at 100%)  Note: Allocate Retention based on full coverage pr  2012 Selected Retention (using full coverage FHCF)	Section I Section II Total emium, which is the b		tor of expected gi	1,273,279,658 - 1,273,279,658 round-up losses	100.000% 0.000% 100.000%	[2a] [2b] [2c]=[2a]+[2b]
EULE COLOURS NOTE, NAME (ASSING THE PROPERTY OF THE PROPERTY O	Section I Section II Total	,		7,389,000,000 - 7,389,000,000	100.000% 0.000% 100.000%	[2d] [2e] [2f]=[2d]+[2e]
3. Calculate FHCF Limit						
Estimated Claims Paying Capacity Average Source: Raymond James: FHCF Estimated Claim	s Paying Capacity, C	oct., 2010	Powerpoint Slid	\$14,000,000,000 le 5		[3a]
Dollar growth in cash balance over prior calendar year Cash Balance @12/31/2010 Est Cash Balance @ 12/31/2011		\$ \$		<==subj to revision to re		[3c]
Change in Cash Baland	e	\$	1,272,738,951			[3d]=[3c]-[3b]
2011 Statutory Maximum Coverage Limit 2012 Statutory Coverage Limit Prior to Change in Ca 2012 Statutory Coverage Limit	sh Balance Limit			17,000,000,000 17,000,000,000 \$ 17,000,000,000	0.00%	[3e]=[3g prior year] [3f]=17Billion + .5*(max(3a-\$34 billio [3g]=[3e]+min([3f]-[3e],[3d])

#### Florida Hurricane Catastrophe Fund 2012 Calculation of Layer of Coverage

Using 6/30/2011 FHCF Premium and Exposure Data as of 11/08/2011

4. Allocate Limit to Sections I and II

Total FHCF Capacity 17,000,000,000

Pure Loss 16,190,476,190 [4b] = [4a]/1.05 [4c] = [4a] - [4b]

809,523,810 Loss Adjustment Expenses

Actual Coverage FHCF Premium

Section I 100.000% 1,144,892,394 [4d] Section II 0.000%

[4e] Total 1,144,892,394 100.000% [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

Section I

Retention 7,389,000,000 [5a] = [2d] Pure Loss Limit Available 16.190.476.190 [5b] from Part 3 Total Limit Available 17,000,000,000 [5c] from Part 3 Wtd Average Coverage 89.917% [5d]

Top of Loss Layer 25,395,062,491 [5e]=[5a]+[5b]/[5d]

89.917% of \$18,006,062,491 xs \$7,389,000,000 Layer used for modeled losses: (Modeled losses are Section I losses only, no LAE)

Sections I and II

Retention 7,389,000,000 [5f] = [2f]Pure Loss Limit Available 16,190,476,190 [5g] from Part 3 Total Limit Available 17,000,000,000 [5h] from Part 3 Wtd Average Coverage 89.917% [5i]

25,395,062,491

Layer used for FHCF publications:

Top of Loss Layer

Loss only: 89.917% of \$18,006,062,491 xs \$7,389,000,000 Loss + LAE: 89.917% of \$18,906,365,615 xs \$7,389,000,000

[5j]=[5f]+[5g]/[5i]

[4a]

# **EXHIBIT**

V

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Modeled Adjusted Loss Severity Distributions

## Summary

	Size of Event(s)	Probability	Return Time (Years)
Single Event			
Attach industry retention	\$7,389,000,000	11.49%	8.7
Exhaust FHCF limit	\$17,000,000,000	2.97%	33.7
Exhaust FHCF + 4B TICL limit	\$21,000,000,000	2.36%	42.4
Annual Aggregate			
Exhaust FHCF limit	\$17,000,000,000	3.07%	32.6
Exhaust FHCF + 4B TICL limit	\$21,000,000,000	2.44%	40.9
Expected Annual Losses			
Adjusted Gross losses at 100% coverage	\$3,639,458,356		
Loss to Mandatory FHCF layer, at actual coverage			
Loss only Loss + LAE	\$958,225,832 \$1,006,137,124		
LUSS + LAE	φ1,000,131,124		

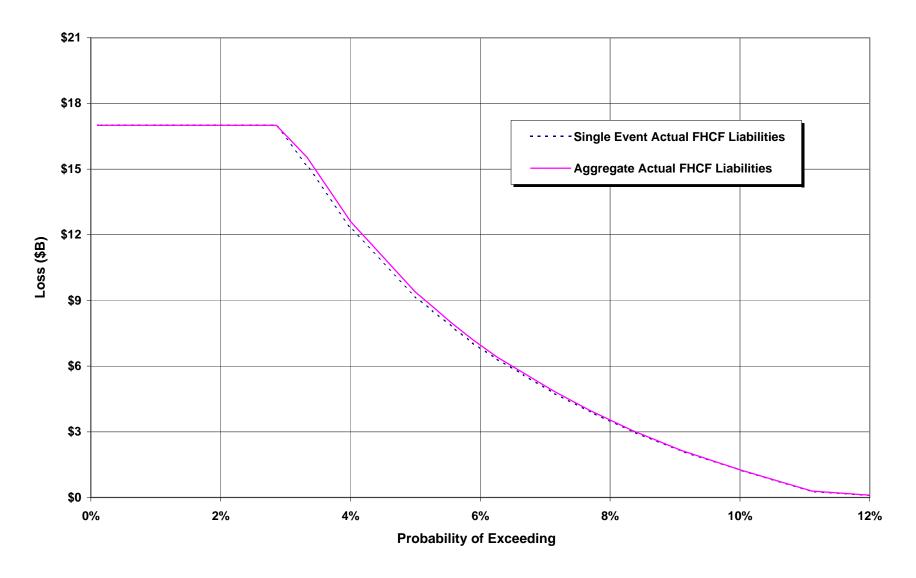
## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Modeled Adjusted Loss Severity Distributions

					Traditional FHCF Only Layer		FHCF + \$4 Billio	n TICL Layer
		Uniform Weighted	FHCF Layer Weighted	Section I Excess			Single Event Actual	Aggregate Actual
		Section I Gross	Section I Gross	Retention Aggregate			Liabilities	Liabilities
Return	Probability of	Per Event (100%	Per Event (100%	(100% Coverage, no	Single Event Actual	Aggregate Actual	FHCF + \$6B TICL	
Time	Exceedance	Coverage, no LAE)	Coverage, no LAE)	LAE)	Liabilities	Liabilities	Layer	Layer (100%)
1000	0.0010	\$122,721,500,000	\$131,214,000,000	\$124,651,000,000	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
900	0.0011	\$118,369,000,000	\$128,027,000,000	\$122,192,000,000	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
800	0.0013	\$115,839,000,000	\$121,498,000,000	\$116,239,000,000	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
700	0.0014	\$112,767,000,000	\$115,446,000,000	\$110,428,000,000	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
600	0.0017	\$106,678,000,000	\$110,648,000,000	\$105,385,000,000	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
500	0.0020	\$100,610,000,000	\$103,394,000,000	\$97,506,983,659	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
400	0.0025	\$93,816,667,061	\$95,607,744,886	\$90,544,131,799	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
300	0.0033	\$84,676,016,697	\$85,141,687,926	\$79,451,656,335	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
250	0.0040	\$78,499,125,737	\$78,542,076,715	\$73,196,225,366	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
200	0.0050	\$71,575,243,013	\$71,088,562,360	\$65,437,788,687	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
150	0.0067	\$63,603,876,138	\$61,373,617,301	\$55,669,634,818	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
100	0.0100	\$52,318,468,358	\$49,576,895,459	\$43,497,035,157	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
90	0.0111	\$49,874,737,122	\$46,849,743,452	\$40,726,886,378	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
80	0.0125	\$47,078,628,237	\$43,881,637,653	\$37,593,388,237	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
70	0.0143	\$43,612,714,416	\$40,494,287,266	\$34,200,333,564	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
65	0.0154	\$41,772,789,925	\$38,841,423,424	\$32,412,730,179	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
60	0.0167	\$39,754,325,775	\$36,975,886,396	\$30,489,450,581	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
55	0.0182	\$37,654,948,504	\$34,717,188,731	\$28,381,168,901	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
50	0.0200	\$35,475,590,218	\$32,708,144,939	\$26,186,123,454	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
45	0.0222	\$33,047,901,282	\$30,635,297,467	\$23,930,448,880	\$17,000,000,000	\$17,000,000,000	\$21,000,000,000	\$21,000,000,000
40	0.0250	\$30,584,069,968	\$28,551,128,005	\$21,825,459,593	\$17,000,000,000	\$17,000,000,000	\$19,979,863,797	\$20,605,993,858
35	0.0286	\$28,245,167,459	\$26,000,129,094	\$19,210,850,237	\$17,000,000,000	\$17,000,000,000	\$17,571,381,494	\$18,137,471,988
30	0.0333	\$25,193,770,158	\$23,432,794,637	\$16,455,156,256	\$15,147,371,002	\$15,535,748,390	\$15,147,476,263	\$15,535,748,390
25	0.0400	\$22,128,074,914	\$20,420,520,547	\$13,357,718,240	\$12,303,403,335	\$12,611,375,208	\$12,303,488,833	\$12,611,375,208
20	0.0500	\$18,448,742,715	\$17,105,107,690	\$9,944,110,697	\$9,173,234,338	\$9,388,498,009	\$9,173,298,084	\$9,388,498,009
19	0.0526	\$17,707,826,048	\$16,429,364,675	\$9,245,126,044	\$8,535,247,479	\$8,728,568,105	\$8,535,306,791	\$8,728,568,105
18	0.0556	\$16,968,053,025	\$15,671,523,930	\$8,449,717,102	\$7,819,749,981	\$7,977,601,478	\$7,819,804,321	\$7,977,601,478
17	0.0588	\$16,072,800,672	\$14,869,958,857	\$7,642,312,275	\$7,062,971,187	\$7,215,309,218	\$7,063,020,269	\$7,215,309,218
16	0.0625	\$15,160,203,893	\$14,100,760,114	\$6,810,925,764	\$6,336,750,303	\$6,430,375,217	\$6,336,794,338	\$6,430,375,217
15	0.0667	\$14,272,237,743	\$13,327,657,457	\$6,026,563,214	\$5,606,843,630	\$5,689,837,781	\$5,606,882,592	\$5,689,837,781
14	0.0714	\$13,382,132,533	\$12,424,480,360	\$5,125,200,074	\$4,754,130,236	\$4,838,836,992	\$4,754,163,273	\$4,838,836,992
13	0.0769	\$12,272,274,932	\$11,530,544,949	\$4,201,827,519	\$3,910,142,163	\$3,967,056,532	\$3,910,169,335	\$3,967,056,532
12	0.0833	\$11,234,624,573	\$10,592,171,425	\$3,249,866,950	\$3,024,198,892	\$3,068,285,372	\$3,024,219,907	\$3,068,285,372
11	0.0909	\$10,163,707,955	\$9,643,251,546	\$2,283,141,896	\$2,128,298,527	\$2,155,574,671	\$2,128,313,317	\$2,155,574,671
10	0.1000	\$9,113,118,197	\$8,720,775,943	\$1,338,165,594	\$1,257,364,904	\$1,263,397,542	\$1,257,373,641	\$1,263,397,542
9	0.1111	\$7,992,547,724	\$7,674,639,886	\$308,911,151	\$269,680,174	\$291,651,191	\$269,682,048	\$291,651,191
8	0.1250	\$6,811,882,232	\$6,637,951,369	\$0	\$0	\$0	\$0	\$0
7	0.1429	\$5,619,974,688	\$5,540,531,875	\$0	\$0	\$0	\$0	\$0
6	0.1667	\$4,233,567,543	\$4,315,510,240	\$0	\$0	\$0	\$0	\$0
5	0.2000	\$2,836,475,086	\$3,018,751,939	\$0	\$0	\$0	\$0	\$0
4	0.2500	\$1,630,445,766	\$1,831,229,834	\$0	\$0	\$0	\$0	\$0
3	0.3333	\$603,828,140	\$774,045,429	\$0	\$0	\$0	\$0	\$0

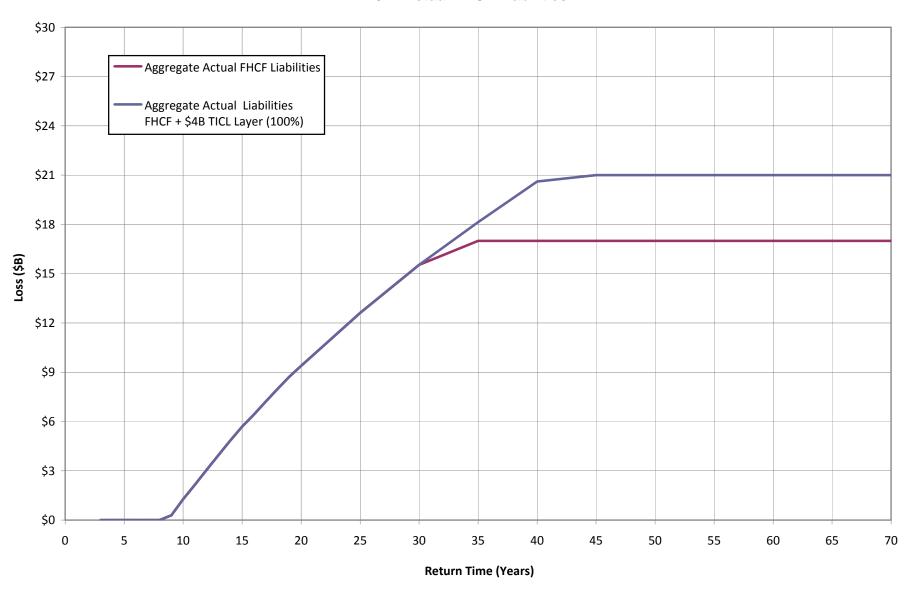
#### Notes:

Aggregate FHCF Liabilities include Sections I, II and LAE, and are at weighted average coverage. 2012 severity distributions based on AIR, EQE, RMS, ARA and FPM models.

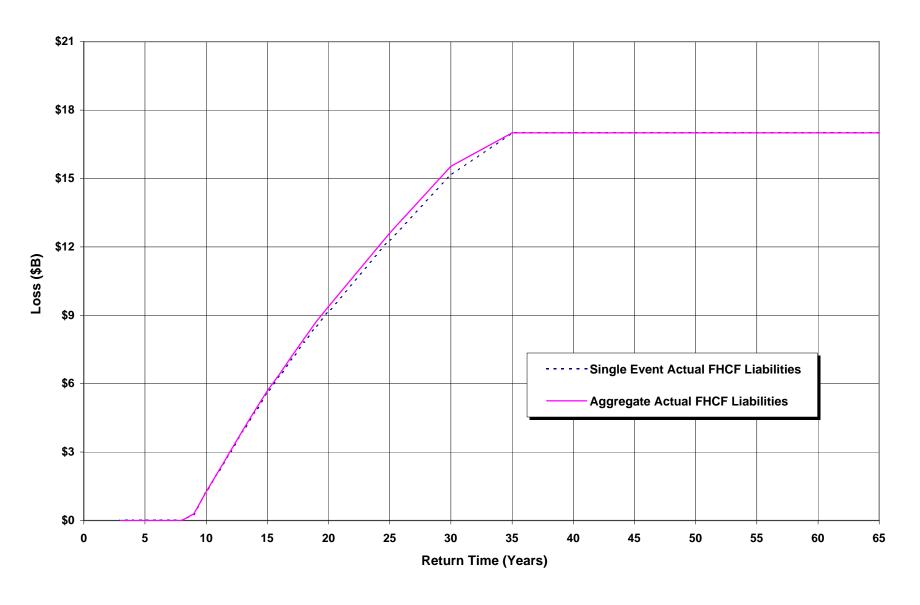
## **2012 Actual FHCF Liabilities**



## 2012 Actual FHCF Liabilities



## 2012 Actual FHCF Liabilities



# **EXHIBIT**

VI

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Allocation of Excess Losses to Type of Business at Coverage Level

(1)	Coverage Selection by Type of Business	Evaluated 10/31/11	Residential 89.931%	Tenants 88.370%	Condos 89.928%	Mobile Home 89.991%	Commercial 89.880%	Total 89.917%
(2)	Coverage Selection by Type of Business	10/31/11	89.931%	88.370%	89.928%	89.991%	89.880%	89.917%
(3)	Allocation of XS Loss Using 100% Adjusted Gross Losses		76.05%	0.63%	5.19%	3.39%	14.74%	100.00%
(4)	Allocation of XS Loss at Coverage Level (2) x (3)		68.39%	0.56%	4.67%	3.05%	13.25%	89.92%
(5)	Allocation of XS Loss at Cov. Level to Type of Business (4)/Total(4)		76.06%	0.62%	5.19%	3.39%	14.74%	100.00%
(6)	Balance Adjustment to Allocation (5)/Total (5)		76.07%	0.62%	5.19%	3.39%	14.74%	100.00%
(7)	Selected Allocation of XS Loss at Coverage Level for Ratemaking		76.80%	0.60%	4.70%	3.68%	14.21%	100.00%
(8)	Rate Change by Type of Business Excluding Effect of Change in Cash Build Up		9.99%	11.59%	12.03%	1.09%	11.94%	10.01%
	Rate Change by Type of Business Including Effect of Change in Cash Build Up		14.77%	16.44%	16.90%	5.49%	16.81%	14.79%

## **EXHIBIT**

VII

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Law and Ordinance Adjustment Factors

#### FHCF Premium as a Percentage of Base Premium

					Hurricane	
			H	Hurricane Outside	Within FHCF	
Distribution of Premium	Expenses	Liability	Non-hurr. Property	FHCF Layer	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

			ŀ	Hurricane Outside	Hurricane Within FHCF	
	Expenses	Liability	Non-hurr. Property	FHCF Layer	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 2012 Ratemaking

Type of Business	% of Base Premium for Law and Ordinance Coverage	% of Law and Ordinance Premium Applicable to FHCF Layer	FHCF Premium as a Percentage of Base Premium	Law and Ordinance Premium as a Percentage of Base Premium	Percent of Policies with Coverage	Implied Law and Ordinance Adjustment Factors	Selected Law and Ordinance Adjustment Factors
	[1] Insurer Survey	[2]	[3]	[4] = [1] x [2]/[3]	[5] Insurer Survey	[6] = [4] x [5]	[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 2012 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)
		Annual Wind				2012	2011	2011/2012	2012
	Per Event	Deductible + AOP		Implied	Take-up	Adjusted	Adjusted	Weighted	Selected
Type of Business	Deductibles	Deductible	Ratio	Load	Rate	Load	Load	Load	Load
Commercial Residential	559,555,669	562,437,753	1.00515	0.515%	50%	0.258%	0.252%	0.256%	0.260%
Residential	2,740,602,333	2,754,569,426	1.00510	0.510%	100%	0.510%	0.505%	0.508%	0.510%
Mobile Home	99,672,123	100,436,779	1.00767	0.767%	100%	0.767%	0.764%	0.766%	0.770%
Tenants	31,371,192	31,410,582	1.00126	0.126%	100%	0.126%	0.122%	0.124%	0.120%
Condo	204,962,389	205,645,814	1.00333	0.333%	100%	0.333%	0.353%	0.340%	0.340%
Total	3,636,163,706	3,654,500,353	1.00504					•	

<sup>&</sup>lt;sup>+</sup> Commercial Residential Business has the option to keep their per event wind deductibles rather than pay additional premium.

#### Notes:

- (1) Based on AIR study (per event analysis) completed in 2012
- (2) Based on AIR study (aggregate analysis) completed in 2012
- (3) = (2) / (1)
- (4) = (3) 1
- (5) Judgementally Selected
- (6) = (4) \* (5)
- (7) Indication in 2011
- (8) = (6)\*2/3+(7)\*1/3

## **EXHIBIT**

VIII

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Retention and Limit Adjustment Factor Calculation

		Versio	n 1*		
	2000 Study	2001 Study	2004 Study	Indicated	
1 Retention Adjustment Factor	11.0561%	10.3404%	4.8103%	8.7356%	from analysis
2 Implied Limit Factor (additive)	-6.4396%	-9.1060%	-8.5325%	-8.0260%	(3) - (1)
3 Retention and Limit Combined Factor	4.6166%	1.2344%	-3.7222%		from analysis
A) Straight Average				0.7096%	
B) Weighting Scheme #1	30%	50%	20%	1.2577%	
C) Weighting Scheme #2	40%	40%	20%	1.5959%	
	2000 Study	2001 Study	2004 Study	Indicated	
1 Retention Adjustment Factor	10.8320%	10.2597%	4.9165%	8.6694%	from analysis
2 Implied Limit Factor (additive)	-6.2402%	-8.8447%	-8.9890%	-8.0246%	(3) - (1)
3 Retention and Limit Combined Factor	4.5918%	1.4150%	-4.0725%		from analysis
A) Straight Average				0.6448%	•
B) Weighting Scheme #1	30%	50%	20%	1.2706%	
C) Weighting Scheme #2	40%	40%	20%	1.5882%	
	-				
		2001 Se	lection	2.9255%	
		2002 Se	lection	2.9255%	
		2003 Se	lection	2.9255%	
		2004 Se	lection	1.5882%	
		2005 Se	lection	1.5882%	
		2006 Selection		1.5882%	
		2007-2011		1.5959%	
	<u> </u>	2012 Sel	ection	1.5959%	

#### Notes:

<sup>\*</sup> Version 1 factors were calculated without taking into account the iterative relationship between Citizens' extended coverage premium and their layer of coverage. Version 2 explicitly takes this relationship into account. In the 2007 FHCF law changes, Citizens no longer has extended coverage and thus the 2007 and subsequent selections are based on the Version 1 factors.

## **EXHIBIT**

IX

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Discount Factors by Return Time and Investment Rate

Table												
Return Time	Investment Rate											
	0.25%	0.50%	0.75%	1.00%	1.25%	1.50%	1.75%	2.00%	2.25%	2.50%	2.75%	3.25%
2.0	0.997512	0.995050	0.992611	0.990196	0.987805	0.985437	0.983092	0.980769	0.978469	0.976190	0.973934	0.969484
2.5	0.996273	0.992593	0.988957	0.985366	0.981818	0.978313	0.974850	0.971429	0.968047	0.964706	0.961404	0.954913
3.0	0.995037	0.990148	0.985330	0.980583	0.975904	0.971292	0.966746	0.962264	0.957845	0.953488	0.949192	0.940774
3.5	0.993804	0.987715	0.981730	0.975845	0.970060	0.964371	0.958775	0.953271	0.947856	0.942529	0.937286	0.927048
4.0	0.992574	0.985294	0.978155	0.971154	0.964286	0.957547	0.950935	0.944444	0.938073	0.931818	0.925676	0.913717
4.5	0.991347	0.982885	0.974607	0.966507	0.958580	0.950820	0.943221	0.935780	0.928490	0.921348	0.914349	0.900763
5.0	0.990123	0.980488	0.971084	0.961905	0.952941	0.944186	0.935632	0.927273	0.919101	0.911111	0.903297	0.888172
5.5	0.988903	0.978102	0.967587	0.957346	0.947368	0.937644	0.928164	0.918919	0.909900	0.901099	0.892508	0.875928
6.0	0.987685	0.975728	0.964115	0.952830	0.941860	0.931193	0.920814	0.910714	0.900881	0.891304	0.881974	0.864017
6.5	0.986470	0.973366	0.960667	0.948357	0.936416	0.924829	0.913580	0.902655	0.892039	0.881720	0.871686	0.852425
7.0	0.985258	0.971014	0.957245	0.943925	0.931034	0.918552	0.906459	0.894737	0.883369	0.872340	0.861635	0.841141
7.5	0.984049	0.968675	0.953846	0.939535	0.925714	0.912360	0.899448	0.886957	0.874866	0.863158	0.851813	0.830151
8.0	0.982843	0.966346	0.950472	0.935185	0.920455	0.906250	0.892544	0.879310	0.866525	0.854167	0.842213	0.819444
8.5	0.981640	0.964029	0.947121	0.930876	0.915254	0.900222	0.885745	0.871795	0.858342	0.845361	0.832827	0.809011

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Discount Using Binomial Probabilities

 Return time
 4.00

 Prob.
 0.25

 Invest.
 0.00%

1.0000000					
0.0000000					

			Cumulative				
	Prob.	Disc.	Prob*disc.	Prob.	Prob*disc.		
Total	1.00000		1.0000000				
1	0.25000	1.0000000	0.2500000	0.2500000	0.25000		
2	0.18750	1.0000000	0.1875000	0.4375000	0.43750		
3	0.14063	1.0000000	0.1406250	0.5781250	0.57813		
4	0.10547	1.0000000	0.1054688	0.6835938	0.68359		
5	0.07910	1.0000000	0.0791016	0.7626953	0.76270		
6	0.05933	1.0000000	0.0593262	0.8220215	0.82202		
7	0.04449	1.0000000	0.0444946	0.8665161	0.86652		
8	0.03337	1.0000000	0.0333710	0.8998871	0.89989		
9	0.02503	1.0000000	0.0250282	0.9249153	0.92492		
10	0.01877	1.0000000	0.0187712	0.9436865	0.94369		
11	0.01408	1.0000000	0.0140784	0.9577649	0.95776		
12	0.01056	1.0000000	0.0105588	0.9683236	0.96832		
13	0.00792	1.0000000	0.0079191	0.9762427	0.97624		
14	0.00594	1.0000000	0.0059393	0.9821821	0.98218		
15	0.00445	1.0000000	0.0044545	0.9866365	0.98664		
16	0.00334	1.0000000	0.0033409	0.9899774	0.98998		
17	0.00251	1.0000000	0.0025056	0.9924831	0.99248		
18	0.00188	1.0000000	0.0018792	0.9943623	0.99436		
19	0.00141	1.0000000	0.0014094	0.9957717	0.99577		
20	0.00106	1.0000000	0.0010571	0.9968288	0.99683		
21	0.00079	1.0000000	0.0007928	0.9976216	0.99762		
22	0.00059	1.0000000	0.0005946	0.9982162	0.99822		
23	0.00045	1.0000000	0.0004460	0.9986621	0.99866		
24	0.00033	1.0000000	0.0003345	0.9989966	0.99900		
25	0.00025	1.0000000	0.0002508	0.9992475	0.99925		
26	0.00019	1.0000000	0.0001881	0.9994356	0.99944		
27	0.00013	1.0000000	0.0001411	0.9995767	0.99958		
28	0.00014	1.0000000	0.0001411	0.9996825	0.99968		
29	0.00008	1.0000000	0.000794	0.9997619	0.99976		
30	0.00006	1.0000000	0.0000794	0.9998214	0.99982		
31	0.00004	1.0000000	0.0000446	0.9998661	0.99987		
32	0.00003	1.0000000	0.0000335	0.9998995	0.99990		
33	0.00003	1.0000000	0.0000353	0.9999247	0.99992		
34	0.00003	1.0000000	0.0000231	0.9999435	0.99994		
35	0.00002	1.0000000	0.0000141	0.9999576	0.99996		
36	0.00001	1.0000000	0.0000141	0.9999682	0.99997		
37	0.00001	1.0000000	0.000079	0.9999762	0.99998		
38	0.00001	1.0000000	0.0000073	0.9999821	0.99998		
39	0.00001	1.0000000	0.0000045	0.9999866	0.99999		
40	0.00000	1.0000000	0.0000043	0.9999899	0.99999		
41	0.00000	1.0000000	0.0000034	0.9999925	0.99999		
42	0.00000	1.0000000	0.0000023	0.9999943	0.99999		
43	0.00000	1.0000000	0.0000019	0.9999958	1.00000		
43	0.00000	1.0000000	0.0000014	0.9999968	1.00000		
44	0.00000	1.0000000	0.0000011	0.9999976	1.00000		
45 46	0.00000	1.0000000	0.0000008		1.00000		
46 47	0.00000	1.0000000	0.0000006	0.9999982 0.9999987	1.00000		
48	0.00000	1.0000000	0.0000004	0.9999990	1.00000		
48 49	0.00000	1.0000000	0.0000003	0.999999	1.00000		
50	0.00000	1.0000000	0.0000003	0.9999994	1.00000		
50	0.00000	1.0000000	0.0000002	0.9999994	1.00000		

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Estimation of First Year Payout for a Loss

			Rate First Year Di	scount	0.00% 1.00000		
Loss Pay Date	2004 & Prior Premium Wts.	Premium Wts. based on 2004 Hurricanes	2012 Selected	08/01/12 33.3%	10/01/12 33.3%	12/01/12 33.3%	Overall 100.0%
12/31/12	80.0%	36.1%	60.0%	1.00000	1.00000	1.00000	
03/31/13	15.0%	18.5%	30.0%	1.00000	1.00000	1.00000	
07/01/13	3.0%	18.8%	6.0%	1.00000	1.00000	1.00000	
10/01/13	1.0%	9.6%	2.0%	1.00000	1.00000	1.00000	
01/01/14	1.0%	4.9%	2.0%	1.00000	1.00000	1.00000	
04/01/14	0.0%		0.0%	1.00000	1.00000	1.00000	
07/01/14	0.0%		0.0%	1.00000	1.00000	1.00000	
Total	100.0%	87.9%	100.0%	1.00000	1.00000	1.00000	1.00000

## Florida Hurricane Catastrophe Fund State Board of Administration FHCF Investment Return History

Month Ending	FHCF Monthly Rate	Rolling 12 - Month Average	Month Ending	FHCF Monthly Rate	Rolling 12 - Month Average	Month Ending	FHCF Monthly Rate	Rolling 12 - Month Average	Month Ending	FHCF Monthly Rate	Rolling 12 - Month Average	Month Ending	FHCF Monthly Rate	Rolling 12 - Month Average
6/30/94	4.41		1/31/98	5.89	5.69	8/31/01	4.02	5.55	3/31/05	2.55	1.88	10/31/08	-17.20	1.46
7/31/94	4.49		2/28/98	5.74	5.70	9/30/01	3.74	5.31	4/30/05	2.84	2.00	11/30/08	3.83	1.36
8/31/94	4.54		3/31/98	5.70	5.71	10/31/01	3.25	5.04	5/31/05	2.92	2.13	12/31/08	2.67	1.19
9/30/94	4.73		4/30/98	5.82	5.72	11/30/01	2.76	4.72	6/30/05	2.99	2.27	1/31/09	2.44	1.03
10/31/94	5.01		5/31/98	5.84	5.74	12/31/01	2.52	4.37	7/31/05	3.2	2.41	2/28/09	2.10	0.88
11/30/94	5.19		6/30/98	5.81	5.75	1/31/02	2.85	4.08	8/31/05	3.48	2.55	3/31/09	1.68	0.75
12/31/94	5.72		7/31/98	5.68	5.75	2/28/02	2.71	3.82	9/30/05	3.7	2.72	4/30/09	1.65	0.72
1/31/95	5.88		8/31/98	5.68	5.75	3/31/02	2.37	3.57	10/31/05	3.77	2.88	5/31/09	1.50	0.77
2/28/95	5.99		9/30/98	5.78	5.76	4/30/02	2.37	3.33	11/30/05	3.98	3.04	6/30/09	1.12	0.67
3/31/95	6.03		10/31/98	5.68	5.75	5/31/02	2.31	3.13	12/31/05	4.19	3.20	7/31/09	1.17	0.54
4/28/95	6.02		11/30/98	5.61	5.75	6/30/02	2.25	2.94	1/31/06	4.3	3.37	8/31/09	0.91	0.37
5/31/95	5.98	5.33	12/31/98	5.48	5.73	7/31/02	2.14	2.77	2/27/06	4.55	3.54	9/30/09	3.42	0.44
6/30/95	5.97	5.46	1/31/99	5.49	5.69	8/31/02	2.20	2.62	3/31/06	4.57	3.71	10/31/09	3.37	2.16
7/31/95	5.88	5.58	2/28/99	5.40	5.66	9/30/02	2.11	2.49	4/30/06	4.75	3.87	11/30/09	0.97	1.92
8/31/95	5.77	5.68	3/31/99	5.32	5.63	10/31/02	2.11	2.39	5/31/06	4.84	4.03	12/31/09	0.46	1.73
9/30/95	5.75	5.77	4/30/99	5.33	5.59	11/30/02	2.04	2.33	6/30/06	4.93	4.19	01/31/10	0.36	1.56
10/31/95	5.72	5.83	5/31/99	5.32	5.55	12/31/02	2.04	2.29	7/31/06	5.33	4.37	02/28/10	0.37	1.41
11/30/95	5.72	5.87	6/30/99	5.33	5.51	1/31/03	1.93	2.21	8/31/06	5.31	4.52	03/31/10	0.45	1.31
12/31/95	5.72	5.87	7/31/99	5.39	5.48	2/28/03	1.90	2.15	9/30/06	4.90	4.62	04/30/10	0.43	1.21
1/31/96	5.59	5.85	8/31/99	5.44	5.46	3/31/03	1.85	2.10	10/31/06	5.52	4.76	05/31/10	0.55	1.13
2/28/96	5.32	5.79	9/30/99	5.52	5.44	4/30/03	1.81	2.06	11/30/06	5.34	4.88	06/30/10	1.93	1.20
3/31/96	5.24	5.79	10/31/99	5.62	5.44	5/31/03	1.75	2.01	12/31/06	5.56	4.99	07/31/10	0.52	1.14
4/30/96	5.29	5.66	11/30/99	5.83	5.46	6/30/03	1.79	1.97	1/31/07	5.34	5.08	08/31/10	0.52	1.14
5/31/96	5.30	5.61	12/31/99	6.04	5.50	7/31/03	1.75	1.94	2/28/07	5.34	5.14	09/30/10	1.21	0.93
6/30/96	5.34	5.55	1/31/00	5.96	5.54	8/31/03	1.75	1.89	3/31/07	5.34	5.14	10/31/10	0.48	0.93
7/31/96	5.36	5.51	2/28/00	5.92	5.59	9/30/03	1.55	1.84	4/30/07	5.37	5.26	11/30/10	0.48	0.65
8/31/96	5.38	5.48	3/31/00	6.00	5.64	10/31/03	1.55	1.79	5/31/07	5.35	5.30	12/31/10	0.46	0.65
9/30/96	5.39	5.45	4/30/00	6.07	5.70	11/30/03	1.51	1.79	6/30/07	5.38	5.34	01/31/11	0.39	0.64
10/31/96		5.42		6.25	5.78			1.75	7/31/07		5.35	02/28/11	0.41	0.66
	5.39		5/31/00			12/31/03	1.49			5.40				
11/30/96 12/31/96	5.39 5.42	5.39 5.37	6/30/00 7/31/00	6.55 6.59	5.88 5.98	1/31/04 2/28/04	1.50 1.49	1.67 1.64	8/31/07 9/30/07	5.75 5.81	5.38 5.46	03/31/11 04/30/11	0.42 0.39	0.66 0.66
							1.49							
1/31/97	5.48	5.36	8/31/00	6.61	6.08	3/31/04		1.60	10/31/07	5.55	5.46	05/31/11 06/30/11	0.35 0.35	0.64
2/28/97 3/31/97	5.64 5.54	5.39 5.41	9/30/00	6.60 6.53	6.17 6.25	4/30/04 5/31/04	1.35 1.34	1.56 1.53	11/30/07 12/31/07	5.05 4.69	5.44 5.36	07/31/11	0.35	0.51 0.50
4/30/97	5.65	5.44	10/31/00 11/30/00	6.59	6.31	6/30/04	1.34	1.49	1/31/08	4.69	5.28	08/31/11	0.45	0.50
		5.44												
5/31/97	5.66		12/31/00	6.71	6.37	7/31/04	1.54	1.48	2/29/08	3.86	5.16	09/30/11	0.32	0.42
6/30/97	5.68	5.50	1/31/01	6.33	6.40	8/31/04	1.70	1.48	3/31/08*	3.25	4.98	10/31/11	0.31	0.40
7/31/97	5.64	5.52	2/28/01	5.82	6.39	9/30/04	1.72	1.50	4/30/08	2.07	4.71	11/30/11	0.32	0.39
8/29/97	5.68	5.55	3/31/01	5.44	6.34	10/31/04	1.89	1.53	5/31/08	0.94	4.34	12/31/11	0.27	0.38
9/30/97	5.75	5.58	4/30/01	5.15	6.26	11/30/04	2.00	1.57	6/30/08	2.25	4.08			
10/31/97	5.72	5.60	5/31/01	4.77	6.14	12/31/04	2.29	1.64	7/31/08	2.74	3.86			
11/26/97	5.67	5.63	6/30/01	4.48	5.97	1/31/05	2.30	1.70	8/31/08	2.93	3.62			
12/31/97	5.74	5.65	7/31/01	4.17	5.77	2/28/05	2.46	1.78	9/30/08	2.59	3.36	2012 RM Report		-

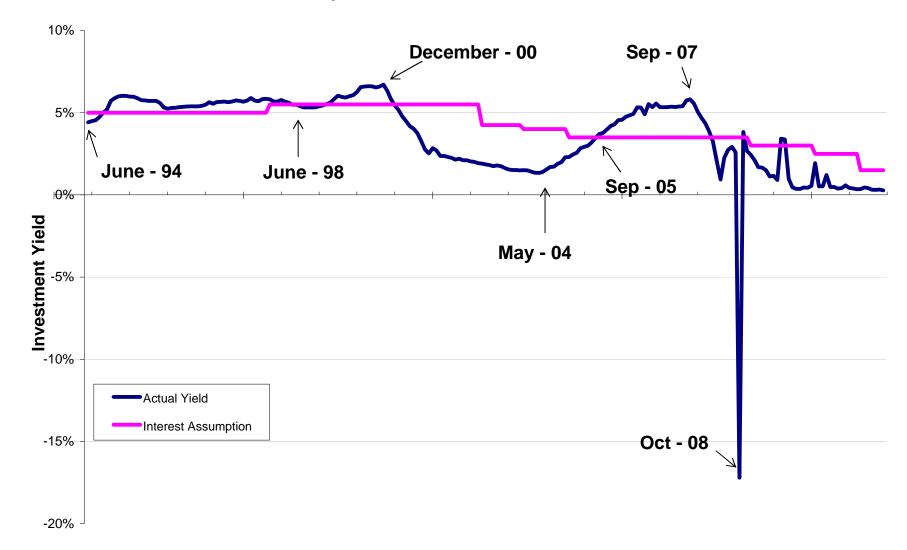
Source: State Board of Administration of Florida Fixed Income Department

FHCF Portfolio Manager Richard Smith

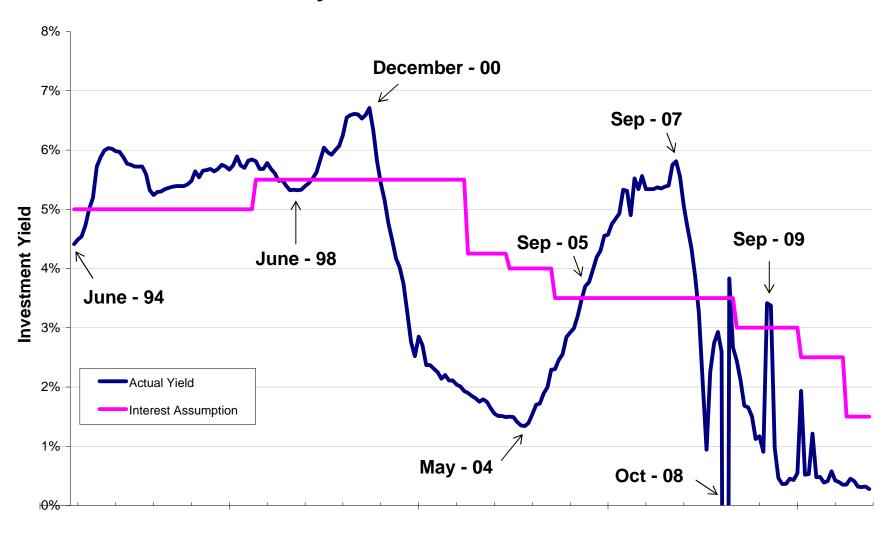
1 year 2 year 0.51 0.92 3 year 0.99 4 year 5 year 2.23 3.69 Incept to date

<sup>\*</sup>Day Count methodology changed from 360 day years to actual.

## **Monthly FHCF Investment Returns**



## **Monthly FHCF Investment Returns**



# **EXHIBIT**

X



# **EXHIBIT**

XI

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Pre-Event Note Expense Loading Contract Term Remaining: 06/01/2012 to 10/15/2012

		2006B Debt Service	2007A Debt Service	2008-2011 Debt Service	Total Debt Service Net Cost
1	Debt Service	Called prior to CY 2009	16,451,913	None	16,451,913
2	Interest Earnings Liquidity Costs (ex default	Called prior to CY 2009	6,251,708	None	6,251,708
3	loading) (1)-(2)	Called prior to CY 2009	10,200,205	None	10,200,205
4	Total Market Value	Called prior to CY 2009	3,508,283,162	None	
5	Exp. Default Loading %	Called prior to CY 2009	0.3%	None	
6	Exp. Default Cost (4)*(5)	Called prior to CY 2009	3,939,629	None	3,939,629
7	Total Projected Liquidity Facility Cost (3)+(6)	Called prior to CY 2009	14,139,834	None	14,139,834

#### Notes

- This method uses values projected by the FHCF's Financial Advisor, Raymond James Kapil Bhatia (1/23/12) plus a judgemental loading for potential asset loss.
- All Notes from 2006B Debt service have been called prior to the 2009-2010 contract year.
- Market value of 2007A Debt service as of 12/31/2011 from SBA on 1/26/2012 Note: Default cost load adjusted to 137 days exposure 6/1/2012 to 10/15/2012
- If the FHCF anticipates additional pre-event notes in the 2012-2013 contract year, then additional costs should be included in the loading for reinsurance/financial services.

# **EXHIBIT**

XII

2011 FHCF Premium (Base Premium)

<del>-</del>	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total
Total Gross FHCF Premium	\$160,199,511	\$885,099,030	\$45,866,181	\$6,758,139	\$52,937,479	\$1,150,860,340
FHCF Premium Credits/Debits	-\$268,171	-\$5,615,901	\$0	\$51,456	-\$54,111	-\$5,886,727
Net FHCF Premium	\$159,931,340	\$879,483,129	\$45,866,181	\$6,809,595	\$52,883,369	\$1,144,973,613

#### **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	-0.17%	-0.63%	0.00%	0.76%	-0.10%	-0.51%
Net FHCF Premium	99.83%	99.37%	100.00%	100.76%	99.90%	99.49%

2011 FHCF Exposure

			LOTITION EXPOS	ui o		
	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total
Total Exposure	\$203,681,219,313	\$1,777,241,128,722	\$33,764,094,293	\$18,721,676,029	\$84,603,564,101	\$2,118,011,682,458
Debit = 20% or greater	\$0	\$0	\$0	\$0	\$0	\$0
15% <debit<20%< td=""><td>\$0</td><td>\$656,159,801,599</td><td>\$0</td><td>\$4,291,561,916</td><td>\$38,486,205,882</td><td>\$698,937,569,397</td></debit<20%<>	\$0	\$656,159,801,599	\$0	\$4,291,561,916	\$38,486,205,882	\$698,937,569,397
10% <debit<15%< td=""><td>\$100,376,379,477</td><td>\$0</td><td>\$0</td><td>\$5,744,794,111</td><td>\$0</td><td>\$106,121,173,588</td></debit<15%<>	\$100,376,379,477	\$0	\$0	\$5,744,794,111	\$0	\$106,121,173,588
5% <debit <10%<="" td=""><td>\$0</td><td>\$251,693,355,383</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$251,693,355,383</td></debit>	\$0	\$251,693,355,383	\$0	\$0	\$0	\$251,693,355,383
0% <debit<=5%< td=""><td>\$1,718,567,915</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$0</td><td>\$1,718,567,915</td></debit<=5%<>	\$1,718,567,915	\$0	\$0	\$0	\$0	\$1,718,567,915
No Credit/Debit	\$0	\$0	\$33,764,094,293	\$0	\$0	\$33,764,094,293
0% <credit<=5%< td=""><td>\$25,928,537,584</td><td>\$81,486,397</td><td>\$0</td><td>\$0</td><td>\$3,431,305,187</td><td>\$29,441,329,168</td></credit<=5%<>	\$25,928,537,584	\$81,486,397	\$0	\$0	\$3,431,305,187	\$29,441,329,168
5% <credit<10%< td=""><td>\$614,168,955</td><td>\$89,355,597,704</td><td>\$0</td><td>\$1,131,179,021</td><td>\$8,005,828,303</td><td>\$99,106,773,983</td></credit<10%<>	\$614,168,955	\$89,355,597,704	\$0	\$1,131,179,021	\$8,005,828,303	\$99,106,773,983
10% <credit<15%< td=""><td>\$2,421,283,712</td><td>\$43,097,622,160</td><td>\$0</td><td>\$1,280,562,179</td><td>\$803,684,898</td><td>\$47,603,152,949</td></credit<15%<>	\$2,421,283,712	\$43,097,622,160	\$0	\$1,280,562,179	\$803,684,898	\$47,603,152,949
15% <credit<20%< td=""><td>\$2,120,494,010</td><td>\$265,009,761,457</td><td>\$0</td><td>\$57,235,549</td><td>\$6,167,283,128</td><td>\$273,354,774,144</td></credit<20%<>	\$2,120,494,010	\$265,009,761,457	\$0	\$57,235,549	\$6,167,283,128	\$273,354,774,144
Credit =20% or greater	\$70,501,787,660	\$471,843,504,022	\$0	\$6,216,343,253	\$27,709,256,703	\$576,270,891,638

**Percent of Total Exposure** 

		Fercent 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 = 20% or greater	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15% <debit<20%< td=""><td>0.00%</td><td>36.92%</td><td>0.00%</td><td>22.92%</td><td>45.49%</td><td>33.00%</td></debit<20%<>	0.00%	36.92%	0.00%	22.92%	45.49%	33.00%
10% <debit<15%< td=""><td>49.28%</td><td>0.00%</td><td>0.00%</td><td>30.69%</td><td>0.00%</td><td>5.01%</td></debit<15%<>	49.28%	0.00%	0.00%	30.69%	0.00%	5.01%
5% <debit <10%<="" td=""><td>0.00%</td><td>14.16%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>11.88%</td></debit>	0.00%	14.16%	0.00%	0.00%	0.00%	11.88%
0% <debit<=5%< td=""><td>0.84%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.08%</td></debit<=5%<>	0.84%	0.00%	0.00%	0.00%	0.00%	0.08%
No Credit/Debit	0.00%	0.00%	100.00%	0.00%	0.00%	1.59%
0% <credit<=5%< td=""><td>12.73%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>4.06%</td><td>1.39%</td></credit<=5%<>	12.73%	0.00%	0.00%	0.00%	4.06%	1.39%
5% <credit<10%< td=""><td>0.30%</td><td>5.03%</td><td>0.00%</td><td>6.04%</td><td>9.46%</td><td>4.68%</td></credit<10%<>	0.30%	5.03%	0.00%	6.04%	9.46%	4.68%
10% <credit<15%< td=""><td>1.19%</td><td>2.42%</td><td>0.00%</td><td>6.84%</td><td>0.95%</td><td>2.25%</td></credit<15%<>	1.19%	2.42%	0.00%	6.84%	0.95%	2.25%
15% <credit<20%< td=""><td>1.04%</td><td>14.91%</td><td>0.00%</td><td>0.31%</td><td>7.29%</td><td>12.91%</td></credit<20%<>	1.04%	14.91%	0.00%	0.31%	7.29%	12.91%
Credit =20% or greater	34.61%	26.55%	0.00%	33.20%	32.75%	27.21%

#### 2011 FHCF Risk Counts

	Commercial	Residential	Mobile Home	Tenants	Condo-Owners	Total
Total Risk Counts	193,594	4,409,257	433,792	583,967	790,908	6,411,518
Debit = 20% or greater	0	0	0	0	0	0
15% <debit<20%< td=""><td>0</td><td>2,082,561</td><td>0</td><td>109,425</td><td>467,770</td><td>2,659,756</td></debit<20%<>	0	2,082,561	0	109,425	467,770	2,659,756
10% <debit<15%< td=""><td>109,419</td><td>0</td><td>0</td><td>242,434</td><td>0</td><td>351,853</td></debit<15%<>	109,419	0	0	242,434	0	351,853
5% <debit <10%<="" td=""><td>0</td><td>626,356</td><td>0</td><td>0</td><td>0</td><td>626,356</td></debit>	0	626,356	0	0	0	626,356
0% <debit<=5%< td=""><td>894</td><td>0</td><td>0</td><td>0</td><td>0</td><td>894</td></debit<=5%<>	894	0	0	0	0	894
No Credit/Debit	0	0	433,792	0	0	433,792
0% <credit<=5%< td=""><td>26,607</td><td>164</td><td>0</td><td>0</td><td>37,349</td><td>64,120</td></credit<=5%<>	26,607	164	0	0	37,349	64,120
5% <credit<10%< td=""><td>1,095</td><td>210,304</td><td>0</td><td>48,411</td><td>56,574</td><td>316,384</td></credit<10%<>	1,095	210,304	0	48,411	56,574	316,384
10% <credit<15%< td=""><td>3,269</td><td>84,753</td><td>0</td><td>55,066</td><td>1,612</td><td>144,700</td></credit<15%<>	3,269	84,753	0	55,066	1,612	144,700
15% <credit<20%< td=""><td>2,176</td><td>553,113</td><td>0</td><td>2,721</td><td>48,375</td><td>606,385</td></credit<20%<>	2,176	553,113	0	2,721	48,375	606,385
Credit =20% or greater	50,134	852,006	0	125,910	179,228	1,207,278

#### **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 = 20% or greater	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
15% <debit<20%< td=""><td>0.00%</td><td>47.23%</td><td>0.00%</td><td>18.74%</td><td>59.14%</td><td>41.48%</td></debit<20%<>	0.00%	47.23%	0.00%	18.74%	59.14%	41.48%
10% <debit<15%< td=""><td>56.52%</td><td>0.00%</td><td>0.00%</td><td>41.52%</td><td>0.00%</td><td>5.49%</td></debit<15%<>	56.52%	0.00%	0.00%	41.52%	0.00%	5.49%
5% <debit <10%<="" td=""><td>0.00%</td><td>14.21%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>9.77%</td></debit>	0.00%	14.21%	0.00%	0.00%	0.00%	9.77%
0% <debit<=5%< td=""><td>0.46%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>0.01%</td></debit<=5%<>	0.46%	0.00%	0.00%	0.00%	0.00%	0.01%
No Credit/Debit	0.00%	0.00%	100.00%	0.00%	0.00%	6.77%
0% <credit<=5%< td=""><td>13.74%</td><td>0.00%</td><td>0.00%</td><td>0.00%</td><td>4.72%</td><td>1.00%</td></credit<=5%<>	13.74%	0.00%	0.00%	0.00%	4.72%	1.00%
5% <credit<10%< td=""><td>0.57%</td><td>4.77%</td><td>0.00%</td><td>8.29%</td><td>7.15%</td><td>4.93%</td></credit<10%<>	0.57%	4.77%	0.00%	8.29%	7.15%	4.93%
10% <credit<15%< td=""><td>1.69%</td><td>1.92%</td><td>0.00%</td><td>9.43%</td><td>0.20%</td><td>2.26%</td></credit<15%<>	1.69%	1.92%	0.00%	9.43%	0.20%	2.26%
15% <credit<20%< td=""><td>1.12%</td><td>12.54%</td><td>0.00%</td><td>0.47%</td><td>6.12%</td><td>9.46%</td></credit<20%<>	1.12%	12.54%	0.00%	0.47%	6.12%	9.46%
Credit =20% or greater	25.90%	19.32%	0.00%	21.56%	22.66%	18.83%

# **EXHIBIT**

XIII

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report 2012 County Rating Groups

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

#### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Dominant Counties in Each Rating Group

2012 Group	Primary Counties	Secondary Counties	Total Number of Zip Codes
1	DUVAL	ALACHUA, LEON	199
2	MARION	DUVAL, PUTNAM	92
3	ORANGE	SEMINOLE, LAKE	179
4	POLK	LAKE	137
5	HILLSBOROUGH	VOLUSIA, PASCO	99
6	HILLSBOROUGH	BREVARD, VOLUSIA	56
7	LEE	HILLSBOROUGH, SARASOTA	92
8	HILLSBOROUGH	PINELLAS, LEE	56
9	PINELLAS	HILLSBOROUGH, CHARLOTTE	70
10	BREVARD	LEE, MANATEE	57
11	PINELLAS	BREVARD, BROWARD	45
12	BROWARD	PALM BEACH, SARASOTA	71
13	MIAMI-DADE	PALM BEACH, INDIAN RIVER	62
14	MIAMI-DADE	BROWARD, PINELLAS	41
15	MIAMI-DADE	BROWARD, SAINT LUCIE	34
16	COLLIER	COLLIER, PALM BEACH	25
17	MIAMI-DADE	PALM BEACH, LEE	21
18	MIAMI-DADE	MIAMI-DADE, BROWARD	24
19	MIAMI-DADE	PALM BEACH, BROWARD	20
20	BROWARD	MIAMI-DADE, MONROE	31
21	BROWARD	MIAMI-DADE, MONROE	12
22	MIAMI-DADE	PALM BEACH, BROWARD	20
23	MIAMI-DADE	PALM BEACH	10
24	MIAMI-DADE	MONROE	6
25 <b>Total</b>	MIAMI-DADE		6 <b>1465</b>

Group 1	32006	32083	32244	32336	32443	32641
199 Zips	32008	32087	32245	32337	32445	32643
	32009	32091	32246	32340	32446	32648
	32011	32094	32254	32341	32447	32653
	32013	32096	32256	32343	32448	32655
	32024	32097	32257	32344	32449	32656
	32025	32099	32258	32345	32452	32658
	32026	32134	32259	32347	32455	32662
	32030	32138	32260	32348	32460	32666
	32038	32140	32277	32350	32463	32667
	32040	32147	32301	32351	32464	32680
	32041	32148	32302	32352	32465	32693
	32042	32160	32303	32353	32535	32694
	32043	32182	32304	32355	32538	32697
	32044	32185	32305	32356	32567	
	32046	32187	32306	32357	32601	
	32050	32205	32307	32358	32602	
	32052	32208	32308	32360	32603	
	32053	32209	32309	32361	32604	
	32054	32210	32310	32362	32605	
	32055	32211	32311	32395	32606	
	32056	32214	32312	32399	32607	
	32058	32215	32313	32420	32608	
	32059	32216	32314	32421	32609	
	32060	32218	32315	32422	32610	
	32061	32219	32316	32423	32611	
	32062	32220	32317	32424	32612	
	32063	32221	32318	32425	32614	
	32064	32222	32321	32426	32615	
	32065	32223	32324	32427	32616	
	32066	32229	32326	32428	32619	
	32067	32234	32327	32430	32622	
	32068	32236	32330	32431	32627	
	32071	32237	32331	32432	32628	
	32072	32238	32332	32438	32631	
	32073	32239	32333	32440	32635	
	32079	32241	32334	32442	32640	

Group 2	32003	32226	32696
92 Zips	32007	32231	32702
	32033	32232	32720
	32081	32235	32721
	32092	32247	32722
	32102	32255	32723
	32105	32359	32724
	32110	32433	32767
	32111	32434	34449
	32112	32435	34470
	32113	32462	34471
	32130	32466	34472
	32131	32531	34474
	32139	32536	34475
	32145	32537	34477
	32157	32539	34478
	32177	32564	34479
	32178	32565	34480
	32179	32568	34482
	32180	32617	34483
	32181	32618	34488
	32189	32621	34489
	32190	32626	
	32192	32633	
	32193	32634	
	32201	32639	
	32202	32644	
	32203	32654	
	32204	32663	
	32206	32664	
	32207	32668	
	32212	32669	
	32217	32681	
	32224	32683	
	32225	32686	

Group 3	32034	32718	32779	32829	34421	34786
179 Zips	32035	32719	32784	32830	34430	34788
	32084	32725	32789	32833	34431	34789
	32085	32726	32790	32835	34432	34797
	32086	32727	32791	32836	34433	
	32095	32728	32792	32837	34434	
	32124	32730	32793	32839	34436	
	32128	32732	32794	32853	34442	
	32133	32733	32795	32854	34445	
	32158	32735	32798	32855	34446	
	32159	32736	32799	32856	34450	
	32162	32738	32801	32857	34451	
	32163	32739	32802	32858	34452	
	32164	32744	32803	32859	34453	
	32183	32745	32804	32860	34460	
	32195	32746	32805	32861	34461	
	32404	32747	32806	32867	34464	
	32409	32750	32807	32868	34465	
	32533	32751	32808	32869	34473	
	32560	32752	32809	32872	34476	
	32570	32753	32810	32877	34481	
	32577	32756	32811	32878	34484	
	32701	32757	32812	32886	34491	
	32703	32762	32814	32887	34492	
	32704	32763	32816	32891	34636	
	32706	32764	32817	32896	34661	
	32707	32765	32818	32897	34731	
	32708	32766	32819	33513	34734	
	32709	32768	32820	33514	34736	
	32710	32771	32821	33521	34748	
	32712	32772	32822	33538	34749	
	32713	32773	32824	33585	34758	
	32714	32774	32825	33597	34761	
	32715	32776	32826	33849	34762	
	32716	32777	32828	34420	34785	
	327 10	32111	32020	J772U	37703	

Group 4 137 Zips	32004 32082 32137 32168 32174 32227 32228 32233 32240 32250 32266 32322 32323 32346 32439 32444 32530 32534 32571 32572	32583 32692 32754 32775 32778 32827 32831 32832 32862 32885 33523 33524 33525 33526 33537 33539 33540 33541 33542 33593	33801 33802 33803 33804 33805 33806 33807 33809 33810 33811 33812 33815 33820 33823 33825 33826 33827 33830 33831	33836 33837 33838 33840 33843 33844 33845 33846 33847 33850 33851 33853 33854 33855 33856 33858 33858 33859 33867	33868 33872 33877 33880 33881 33882 33883 33884 33885 33886 33896 33897 33898 34423 34428 34429 34447 34448 34487	34601 34602 34603 34604 34605 34608 34609 34613 34614 34705 34711 34712 34713 34714 34715 34729 34737 34740 34741 34742	34743 34744 34745 34746 34753 34755 34756 34759 34760 34770 34771 34772 34777 34778 34787
Group 5 99 Zips	32080 32114 32116 32117 32119 32120 32121 32122 32123 32125 32129 32173 32175 32198 32403	32405 32509 32526 32559 32625 32780 32781 32783 32796 32815 32926 32927 32959 33508 33509	33510 33511 33527 33530 33543 33544 33545 33547 33548 33549 33550 33558 33559 33563 33564	33565 33566 33567 33574 33576 33583 33584 33587 33592 33594 33595 33596 33612 33613 33617	33618 33620 33624 33625 33637 33647 33682 33687 33688 33689 33694 33834 33835 33841 33852	33860 33862 33863 33870 33871 33873 33876 33890 33944 33960 34498 34606 34610 34611 34637	34638 34639 34654 34655 34669 34685 34688 34739 34773
Group 6 56 Zips	32115 32126 32127 32132 32135 32136 32141 32142	32143 32328 32401 32402 32406 32412 32437 32456	32457 32506 32512 32514 32542 32578 32580 32588	32759 32907 32908 32909 32910 32922 32923 32924	33503 33556 33568 33569 33579 33604 33610 33626	33674 33680 33857 33865 33920 33935 33975 34265	34266 34267 34268 34269 34653 34656 34677 34972

Group 7 92 Zips	32170 32176 32320 32329 32407 32410 32413 32417 32459 32505 32511 32516 32547 32899	32904 32912 32934 32948 32953 32954 32955 32956 33440 33471 33571 33573 33578 33598	33603 33614 33619 33633 33635 33660 33661 33662 33673 33761 33782 33901 33902 33903	33905 33911 33913 33916 33917 33918 33930 33936 33938 33954 33966 33970 33971 33972	33973 33974 33976 33982 33983 33994 34142 34143 34201 34202 34203 34204 34211 34212	34219 34232 34235 34240 34241 34251 34286 34287 34288 34289 34290 34291 34607 34667	34674 34679 34680 34684 34690 34692 34973 34974
Group 8 56 Zips	32118 32503 32504 32566 32940 32966 32969 33534	33601 33602 33605 33607 33615 33634 33646 33655	33672 33675 33677 33684 33685 33714 33716 33759	33763 33764 33766 33771 33773 33780 33781 33906	33907 33909 33910 33912 33915 33919 33927 33948	33952 33953 33990 34117 34120 34208 34222 34233	34243 34264 34270 34292 34652 34668 34673 34695
Group 9 70 Zips	32169 32461 32501 32507 32513 32523 32524 32579 32591 32935	32936 32968 33570 33572 33575 33586 33609 33622 33623 33630	33631 33650 33663 33664 33679 33702 33709 33713 33729 33730	33732 33733 33742 33758 33760 33762 33765 33765 33769 33777	33784 33949 33950 33951 33955 33965 33967 33980 33981 33991	34116 34119 34220 34221 34234 34237 34238 34250 34278 34682	34683 34691 34697 34698 34945 34953 34956 34986 34987 34988

Group 10 57 Zips	32408 32411 32521 32540 32541 32544 32548 32549 32569	32901 32902 32905 32906 32911 32919 32941 32952 33430	33438 33459 33476 33478 33493 33606 33608 33611 33629	33681 33710 33743 33756 33904 33914 33928 33993 34133	34135 34136 34205 34206 34207 34224 34239 34260 34272	34274 34275 34281 34282 34293 34660 34681 34689 34983	34984 34990 34991
Group 11 45 Zips	32502 32508 32520 32522 32550 32563 32920	32925 32949 32950 32957 32967 32970 32971	32976 33067 33071 33077 33331 33412 33414	33449 33470 33616 33621 33686 33703 33704	33734 33755 33757 33770 33772 33775 33779	33908 33947 34104 34109 34114 34209 34280	34951 34954 34981
Group 12 71 Zips	32562 32958 32978 33016 33025 33026 33027 33028 33029 33063 33065	33066 33068 33073 33075 33076 33082 33093 33097 33166 33194 33313	33318 33319 33320 33321 33322 33323 33324 33325 33326 33327 33328	33329 33330 33332 33337 33338 33345 33351 33355 33359 33388 33411	33413 33415 33418 33421 33428 33437 33467 33472 33497 33498 33701	33731 33774 33776 34105 34110 34112 34113 34210 34230 34231 34236	34276 34277 34284 34285 34947
Group 13 62 Zips	32561 32903 32931 32932 32937 32960 32961 32962 32964	32965 33002 33012 33013 33014 33015 33017 33024 33055	33084 33172 33174 33175 33183 33184 33185 33193 33199	33314 33317 33417 33422 33433 33434 33446 33448 33454	33463 33473 33482 33484 33488 33496 33707 33711 33712	33737 33747 33929 34134 34137 34138 34139 34141 34223	34229 34295 34952 34985 34992 34994 34995 34997

Group 14 41 Zips	33010 33011 33018 33021 33023 33054	33056 33069 33072 33081 33083 33122	33144 33165 33169 33173 33178 33182	33186 33187 33188 33196 33265 33266	33269 33283 33309 33436 33442 33458	33705 33708 33738 33744 33767 33786	33922 33945 33946 34946 34982
Group 15 34 Zips	32951 33030 33031 33034 33090	33102 33112 33116 33126 33152	33155 33167 33176 33177 33222	33247 33255 33299 33310 33311	33312 33336 33340 33409 33740	33785 33956 34108 34215 34218	34242 34948 34950 34979
Group 16 25 Zips	33033 33035 33147 33168	33170 33406 33416 33445	33455 33468 33475 33706	33715 33736 33741 33931	33932 34101 34103 34106	34107 34140 34216 34217	34228
Group 17 21 Zips	32963 33032 33039 33092	33114 33134 33142 33143	33179 33234 33242 33243	33410 33420 33427 33461	33466 33486 33921 33957	34102	
Group 18 24 Zips	33064 33074 33125 33146	33157 33162 33164 33197	33257 33315 33334 33407	33424 33425 33426 33431	33474 33481 33924 34145	34146 34957 34958 34996	
Group 19 20 Zips	33060 33150 33156	33161 33189 33190	33238 33256 33261	33296 33401 33402	33403 33404 33419	33441 33443 33462	33465 34949

Group 20 31 Zips	33020 33022 33040 33041 33042	33043 33045 33127 33132 33135	33136 33145 33151 33158 33245	33301 33303 33305 33306 33307	33316 33335 33339 33346 33348	33394 33408 33469 33477 33487	33499
Group 21 12 Zips	33004 33008	33009 33051	33052 33101	33128 33280	33302 33304	33349 33444	
Group 22 20 Zips	33037 33050 33061	33062 33111 33124	33131 33133 33138	33153 33181 33231	33233 33308 33405	33435 33460 33464	33480 33483
Group 23 10 Zips	33001 33019	33109 33129	33130 33137	33163 33180	33429 33432		
Group 24 6 Zips	33036 33070	33140 33141	33154 33160				
Group 25 6 Zips	33106 33119	33139 33149	33206 33239				

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32781	5	32862	4	32963	17	33061	22
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32791	3	32877	3	32968	9	33066	12
32792	3	32878	3	32969	8	33067	11
32793	3	32885	4	32970	11	33068	12
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32796	5	32891	3	32978	12	33071	11
32798	3	32896	3	33001	23	33072	14
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33141	24	33238	19	33346	20	33459	10
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33145	20	33245	20	33355	12	33463	13
33146	18	33247	15	33359	12	33464	22
33147	16	33255	15	33388	12	33465	19
33149	25	33256	19	33394	20	33466	17
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33151	20	33261	19	33402	19	33468	16
33152	15	33265	14	33403	19	33469	20
33153	22	33266	14	33404	19	33470	11
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33158	20	33299	15	33409	15	33475	16
33160	24	33301	20	33410	17	33476	10
33161	19	33302	21	33411	12	33477	20
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33167	15	33308	22	33417	13	33484	13
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33547	5	33623	9	33734	11	33827	4
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33550	5	33626	6	33738	14	33834	5
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33572	9	33661	7	33761	7	33848	4
33573	7	33662	7	33762	9	33849	3
33574	5	33663	9	33763	8	33850	4
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33576	5	33672	8	33765	9	33852	5
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33584	5	33677	8	33770	11	33856	4
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33587	5	33681	10	33773	8	33859	4
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33593	4	33684	8 8	33775	11	33862	5
33594	5	33685		33776	12	33863	5
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33960	5	34209	11	34292	8	34609	4
33965	9	34210	12	34293	10	34610	5
33966	7	34211	7	34295	13	34611	5
33967	9	34212	7	34420	3	34613	4
33970	7	34215	15	34421	3	34614	4
33971	7	34216	16	34423	4	34636	3
33972	7	34217	16	34428	4	34637	5
33973	7	34218	15	34429	4	34638	5
33974	7	34219	7	34430	3	34639	5
33975	6	34220	9	34431	3	34652	8
33976	7	34221	9	34432	3	34653	6
33980	9	34222	8	34433	3	34654	5
33981	9	34223	13	34434	3	34655	5
33982	7	34224	10	34436	3	34656	6
33983	7	34228	16	34442	3	34660	10

	2012		2012
ZIP Code	Group	ZIP Code	Group
34661	3	34777	4
34667	7	34778	4
34668	8	34785	3
34669	5	34786	3
34673	8	34787	4
34674	7	34788	3
34677	6	34789	3
34679	7	34797	3
34680	7	34945	9
34681	10	34946	14
34682	9	34947	12
34683	9	34948	15
34684	7	34949	19
34685	5	34950	15
34688	5	34951	11
34689	10	34952	13
34690	7	34953 34954	9 11
34691 34692	9 7	34954 34956	9
34695	8	34957	18
34697	9	34958	18
34698	9	34972	6
34705	4	34973	7
34711	4	34974	7
34712	4	34979	15
34713	4	34981	11
34714	4	34982	14
34715	4	34983	10
34729	4	34984	10
34731	3	34985	13
34734	3	34986	9
34736	3	34987	9
34737	4	34988	9
34739	5	34990	10
34740	4	34991	10
34741	4	34992	13
34742	4	34994	13
34743	4	34995	13
34744	4	34996	18
34745	4	34997	13
34746	4		
34747	4		
34748	3		
34749	3		
34753 34755	4 4		
34755 34756	4		
34758	3		
34758 34759	3 4		
34760	4		
34761	3		
34762	3		
34769	4		
34770	4		
34771	4		
34772	4		
34773	5		

#### Florida Hurricane Catastrophe Fund

#### 2012 Ratemaking Formula Report County Rating Regions

County				County		
Number	County Name	2012 Region	_	Number	County Name	2012 Region
	ALACHUA	1			LEE	10
	BAKER	1			LEON	1
	BAY	5			LEVY	2
	BRADFORD	1			LIBERTY	1
	BREVARD	8			MADISON	1
	BROWARD	14			MANATEE	9
	CALHOUN	1			MARION	2
	CHARLOTTE	9			MARTIN	14
	CITRUS	3			MIAMI-DADE	16
	CLAY	1			MONROE	22
	COLLIER	12			NASSAU	2
	COLUMBIA	1			OKALOOSA	7
	DE SOTO	6			OKEECHOBEE	7
29 🗅		2			ORANGE	3
	DUVAL	1			OSCEOLA	4
	SCAMBIA	6			PALM BEACH	15
	LAGLER	4			PASCO	6
	RANKLIN	6			PINELLAS	10
	SADSDEN	1			POLK	4
	SILCHRIST	1		_	PUTNAM	2
	SLADES	7			SAINT JOHNS	3
	SULF	5			SAINT LUCIE	11
	HAMILTON	1			SANTA ROSA	7
	HARDEE	5			SARASOTA	9
	HENDRY	7			SEMINOLE	3
	IERNANDO	5			SUMTER	3
	HIGHLANDS	5			SUWANNEE	1
	HILLSBOROUGH	6		_	TAYLOR	1
	HOLMES	1			UNION	1
	NDIAN RIVER	13			VOLUSIA	4
	ACKSON	1			WAKULLA	1
	EFFERSON	1			WALTON	7
	AFAYETTE	1		133	WASHINGTON	1
69 L	.AKE	3				

## **EXHIBIT**

XIV

#### PROPOSED FHCF 2012 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

Deductible: 3%

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	0.1139	0.1063	0.0811	0.0586	0.0425	0.0325	0.0869
2	0.1885	0.1760	0.1342	0.0970	0.0704	0.0538	0.1438
3	0.2645	0.2469	0.1883	0.1361	0.0988	0.0755	0.2018
4	0.3470	0.3239	0.2470	0.1785	0.1295	0.0990	0.2647
5	0.4362	0.4072	0.3105	0.2244	0.1628	0.1244	0.3327
6	0.5323	0.4969	0.3790	0.2738	0.1987	0.1519	0.4060
7	0.6355	0.5933	0.4525	0.3269	0.2373	0.1813	0.4848
8	0.7462	0.6966	0.5313	0.3839	0.2786	0.2129	0.5692
9	0.8646	0.8072	0.6156	0.4448	0.3228	0.2467	0.6595
10	0.9910	0.9252	0.7056	0.5098	0.3700	0.2827	0.7560
11	1.1258	1.0510	0.8016	0.5792	0.4203	0.3212	0.8588
12	1.2694	1.1850	0.9038	0.6530	0.4739	0.3622	0.9683
13	1.4221	1.3275	1.0125	0.7315	0.5309	0.4057	1.0848
14	1.5844	1.4791	1.1281	0.8150	0.5915	0.4520	1.2086
15	1.7568	1.6400	1.2508	0.9037	0.6559	0.5012	1.3401
16	1.9398	1.8108	1.3811	0.9979	0.7242	0.5534	1.4797
17	2.1339	1.9921	1.5194	1.0977	0.7967	0.6088	1.6278
18	2.3398	2.1843	1.6660	1.2037	0.8736	0.6676	1.7848
19	2.5581	2.3880	1.8213	1.3159	0.9551	0.7298	1.9513
20	2.7893	2.6039	1.9860	1.4349	1.0414	0.7958	2.1277
21	3.0341	2.8325	2.1603	1.5608	1.1328	0.8656	2.3144
22	3.2933	3.0744	2.3448	1.6941	1.2296	0.9396	2.5121
23	3.5673	3.3301	2.5399	1.8351	1.3319	1.0177	2.7211
24	3.8568	3.6004	2.7460	1.9840	1.4400	1.1003	2.9419
25	4.1623	3.8856	2.9635	2.1411	1.5540	1.1875	3.1750

#### PROPOSED FHCF 2012 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

Deductible: 3%

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 and Unknown
1	0.0949	0.0886	0.0676	0.0488	0.0354	0.0271	0.0724
2	0.1571	0.1467	0.1119	0.0808	0.0587	0.0448	0.1198
3	0.2204	0.2058	0.1569	0.1134	0.0823	0.0629	0.1681
4	0.2891	0.2699	0.2059	0.1487	0.1080	0.0825	0.2206
5	0.3635	0.3393	0.2588	0.1870	0.1357	0.1037	0.2773
6	0.4436	0.4141	0.3158	0.2282	0.1656	0.1265	0.3383
7	0.5296	0.4944	0.3771	0.2724	0.1977	0.1511	0.4040
8	0.6219	0.5805	0.4428	0.3199	0.2322	0.1774	0.4744
9	0.7205	0.6726	0.5130	0.3706	0.2690	0.2056	0.5496
10	0.8259	0.7710	0.5880	0.4248	0.3083	0.2356	0.6300
11	0.9382	0.8758	0.6680	0.4826	0.3503	0.2677	0.7157
12	1.0578	0.9875	0.7532	0.5442	0.3949	0.3018	0.8069
13	1.1851	1.1063	0.8438	0.6096	0.4425	0.3381	0.9040
14	1.3203	1.2326	0.9401	0.6792	0.4930	0.3767	1.0071
15	1.4640	1.3667	1.0423	0.7531	0.5466	0.4177	1.1167
16	1.6165	1.5090	1.1509	0.8315	0.6035	0.4612	1.2330
17	1.7783	1.6601	1.2661	0.9148	0.6639	0.5073	1.3565
18	1.9499	1.8202	1.3883	1.0030	0.7280	0.5563	1.4873
19	2.1317	1.9900	1.5178	1.0966	0.7959	0.6082	1.6261
20	2.3244	2.1699	1.6550	1.1957	0.8679	0.6632	1.7731
21	2.5285	2.3604	1.8003	1.3007	0.9440	0.7214	1.9287
22	2.7444	2.5620	1.9540	1.4118	1.0246	0.7830	2.0934
23	2.9727	2.7751	2.1166	1.5292	1.1099	0.8481	2.2676
24	3.2140	3.0003	2.2883	1.6533	1.2000	0.9169	2.4516
25	3.4686	3.2380	2.4696	1.7843	1.2950	0.9896	2.6458

#### PROPOSED FHCF 2012 Commercial Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 45%

Deductible: 3%

<b>717.0</b> .				Masonry with		Superior with	
ZIP Code	_			Reinforced Concrete		Reinforced Concrete	Non-MH Default
<u>Group</u>	<u>Frame</u>	<u>Masonry Veneer</u>	<u>Masonry</u>	Roof Deck	<u>Superior</u>	Roof Deck	and Unknown
1	0.0569	0.0532	0.0405	0.0293	0.0213	0.0162	0.0434
2	0.0943	0.0880	0.0671	0.0485	0.0352	0.0269	0.0719
3	0.1322	0.1235	0.0942	0.0680	0.0494	0.0377	0.1009
4	0.1735	0.1620	0.1235	0.0892	0.0648	0.0495	0.1323
5	0.2181	0.2036	0.1553	0.1122	0.0814	0.0622	0.1664
6	0.2661	0.2484	0.1895	0.1369	0.0994	0.0759	0.2030
7	0.3178	0.2966	0.2263	0.1635	0.1186	0.0907	0.2424
8	0.3731	0.3483	0.2657	0.1919	0.1393	0.1065	0.2846
9	0.4323	0.4036	0.3078	0.2224	0.1614	0.1233	0.3298
10	0.4955	0.4626	0.3528	0.2549	0.1850	0.1414	0.3780
11	0.5629	0.5255	0.4008	0.2896	0.2102	0.1606	0.4294
12	0.6347	0.5925	0.4519	0.3265	0.2370	0.1811	0.4841
13	0.7110	0.6638	0.5063	0.3658	0.2655	0.2029	0.5424
14	0.7922	0.7395	0.5640	0.4075	0.2958	0.2260	0.6043
15	0.8784	0.8200	0.6254	0.4519	0.3280	0.2506	0.6700
16	0.9699	0.9054	0.6906	0.4989	0.3621	0.2767	0.7398
17	1.0670	0.9960	0.7597	0.5489	0.3984	0.3044	0.8139
18	1.1699	1.0921	0.8330	0.6018	0.4368	0.3338	0.8924
19	1.2790	1.1940	0.9107	0.6580	0.4775	0.3649	0.9756
20	1.3946	1.3019	0.9930	0.7174	0.5207	0.3979	1.0638
21	1.5171	1.4162	1.0802	0.7804	0.5664	0.4328	1.1572
22	1.6466	1.5372	1.1724	0.8471	0.6148	0.4698	1.2560
23	1.7836	1.6651	1.2699	0.9175	0.6659	0.5089	1.3605
24	1.9284	1.8002	1.3730	0.9920	0.7200	0.5502	1.4710
25	2.0811	1.9428	1.4818	1.0706	0.7770	0.5937	1.5875

## PROPOSED FHCF 2012 Residential Rates (Not Yet Approved by FHCF Trustees for Use) Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

Deductible: 2%

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Non-MH Default <u>Unknown</u>
1	0.0951	0.0850	0.0740	0.0951
2	0.1575	0.1407	0.1225	0.1575
3	0.2210	0.1973	0.1719	0.2210
4	0.2899	0.2589	0.2255	0.2899
5	0.3644	0.3254	0.2835	0.3644
6	0.4447	0.3971	0.3460	0.4447
7	0.5309	0.4742	0.4131	0.5309
8	0.6234	0.5568	0.4850	0.6234
9	0.7223	0.6451	0.5620	0.7223
10	0.8279	0.7394	0.6441	0.8279
11	0.9405	0.8400	0.7317	0.9405
12	1.0604	0.9471	0.8250	1.0604
13	1.1880	1.0610	0.9243	1.1880
14	1.3236	1.1821	1.0298	1.3236
15	1.4676	1.3107	1.1418	1.4676
16	1.6205	1.4473	1.2608	1.6205
17	1.7827	1.5921	1.3870	1.7827
18	1.9547	1.7458	1.5208	1.9547
19	2.1370	1.9086	1.6626	2.1370
20	2.3301	2.0811	1.8129	2.3301
21	2.5347	2.2638	1.9721	2.5347
22	2.7511	2.4571	2.1405	2.7511
23	2.9800	2.6616	2.3186	2.9800
24	3.2219	2.8775	2.5067	3.2219
25	3.4771	3.1055	2.7053	3.4771

## PROPOSED FHCF 2012 Residential Rates (Not Yet Approved by FHCF Trustees for Use) Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

Deductible: 2%

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Non-MH Default <u>Unknown</u>
1	0.0793	0.0708	0.0617	0.0793
2	0.1312	0.1172	0.1021	0.1312
3	0.1841	0.1645	0.1433	0.1841
4	0.2415	0.2157	0.1879	0.2415
5	0.3036	0.2712	0.2362	0.3036
6	0.3705	0.3309	0.2883	0.3705
7	0.4424	0.3952	0.3442	0.4424
8	0.5195	0.4640	0.4042	0.5195
9	0.6019	0.5376	0.4683	0.6019
10	0.6899	0.6162	0.5368	0.6899
11	0.7838	0.7000	0.6098	0.7838
12	0.8837	0.7892	0.6875	0.8837
13	0.9900	0.8842	0.7702	0.9900
14	1.1030	0.9851	0.8582	1.1030
15	1.2230	1.0923	0.9515	1.2230
16	1.3504	1.2061	1.0506	1.3504
17	1.4855	1.3268	1.1558	1.4855
18	1.6289	1.4548	1.2673	1.6289
19	1.7808	1.5905	1.3855	1.7808
20	1.9418	1.7343	1.5108	1.9418
21	2.1122	1.8865	1.6434	2.1122
22	2.2926	2.0476	1.7837	2.2926
23	2.4834	2.2180	1.9322	2.4834
24	2.6849	2.3980	2.0890	2.6849
25	2.8976	2.5879	2.2544	2.8976

## PROPOSED FHCF 2012 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	0.0476	0.0425	0.0370	0.0476
2	0.0787	0.0703	0.0613	0.0787
3	0.1105	0.0987	0.0860	0.1105
4	0.1449	0.1294	0.1128	0.1449
5	0.1822	0.1627	0.1417	0.1822
6	0.2223	0.1986	0.1730	0.2223
7	0.2655	0.2371	0.2065	0.2655
8	0.3117	0.2784	0.2425	0.3117
9	0.3611	0.3226	0.2810	0.3611
10	0.4140	0.3697	0.3221	0.4140
11	0.4703	0.4200	0.3659	0.4703
12	0.5302	0.4735	0.4125	0.5302
13	0.5940	0.5305	0.4621	0.5940
14	0.6618	0.5911	0.5149	0.6618
15	0.7338	0.6554	0.5709	0.7338
16	0.8102	0.7236	0.6304	0.8102
17	0.8913	0.7961	0.6935	0.8913
18	0.9773	0.8729	0.7604	0.9773
19	1.0685	0.9543	0.8313	1.0685
20	1.1651	1.0406	0.9065	1.1651
21	1.2673	1.1319	0.9860	1.2673
22	1.3756	1.2286	1.0702	1.3756
23	1.4900	1.3308	1.1593	1.4900
24	1.6109	1.4388	1.2534	1.6109
25	1.7385	1.5527	1.3527	1.7385

### PROPOSED FHCF 2012 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

ZIP Code <u>Group</u>	Fully Tied Dowi <u>Prior to 7/13/94</u>	n Manufactured On or After 7/13/94	Other than Fully Tied <u>Unknown</u>
1	0.4001	0.2223	0.5074
2	0.6624	0.3680	0.8400
3	0.9292	0.5163	1.1784
4	1.2190	0.6773	1.5459
5	1.5324	0.8514	1.9433
6	1.8700	1.0390	2.3715
7	2.2328	1.2406	2.8316
8	2.6217	1.4566	3.3248
9	3.0377	1.6877	3.8523
10	3.4818	1.9345	4.4155
11	3.9554	2.1976	5.0161
12	4.4597	2.4778	5.6556
13	4.9961	2.7759	6.3359
14	5.5664	3.0927	7.0590
15	6.1721	3.4292	7.8271
16	6.8150	3.7864	8.6425
17	7.4971	4.1654	9.5075
18	8.2205	4.5673	10.4249
19	8.9873	4.9933	11.3972
20	9.7996	5.4447	12.4274
21	10.6598	5.9226	13.5183
22	11.5702	6.4284	14.6728
23	12.5328	6.9632	15.8936
24	13.5499	7.5283	17.1834
25	14.6232	8.1247	18.5446

### PROPOSED FHCF 2012 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

ZIP Code <u>Group</u>	Fully Tied Down <u>Prior to 7/13/94</u>	n Manufactured On or After 7/13/94	Other than Fully Tied <u>Unknown</u>
1	0.3334	0.1853	0.4229
2	0.5520	0.3067	0.7000
3	0.7744	0.4302	0.9820
4	1.0158	0.5644	1.2883
5	1.2770	0.7095	1.6194
6	1.5584	0.8658	1.9762
7	1.8607	1.0338	2.3597
8	2.1848	1.2139	2.7706
9	2.5314	1.4064	3.2102
10	2.9015	1.6121	3.6796
11	3.2962	1.8313	4.1800
12	3.7164	2.0648	4.7130
13	4.1635	2.3132	5.2799
14	4.6386	2.5772	5.8825
15	5.1434	2.8577	6.5226
16	5.6792	3.1553	7.2021
17	6.2476	3.4712	7.9229
18	6.8504	3.8061	8.6874
19	7.4894	4.1611	9.4977
20	8.1663	4.5372	10.3562
21	8.8832	4.9355	11.2653
22	9.6418	5.3570	12.2273
23	10.4440	5.8027	13.2447
24	11.2916	6.2736	14.3195
25	12.1860	6.7706	15.4538

### PROPOSED FHCF 2012 Mobile Home Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 45%

ZIP Code <u>Group</u>	Fully Tied Down <u>Prior to 7/13/94</u>	n Manufactured On or After 7/13/94	Other than Fully Tied <u>Unknown</u>
1	0.2001	0.1112	0.2537
2	0.3312	0.1840	0.4200
3	0.4646	0.2581	0.5892
4	0.6095	0.3386	0.7730
5	0.7662	0.4257	0.9716
6	0.9350	0.5195	1.1857
7	1.1164	0.6203	1.4158
8	1.3109	0.7283	1.6624
9	1.5188	0.8439	1.9261
10	1.7409	0.9673	2.2078
11	1.9777	1.0988	2.5080
12	2.2298	1.2389	2.8278
13	2.4981	1.3879	3.1680
14	2.7832	1.5463	3.5295
15	3.0860	1.7146	3.9136
16	3.4075	1.8932	4.3212
17	3.7486	2.0827	4.7538
18	4.1102	2.2837	5.2124
19	4.4936	2.4967	5.6986
20	4.8998	2.7223	6.2137
21	5.3299	2.9613	6.7592
22	5.7851	3.2142	7.3364
23	6.2664	3.4816	7.9468
24	6.7750	3.7642	8.5917
25	7.3116	4.0623	9.2723

### PROPOSED FHCF 2012 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

71D Codo				Masonry with		Superior with	Non MII Defects
ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Reinforced Concrete Roof Deck	<u>Superior</u>	Reinforced Concrete Roof Deck	Non-MH Default and Unknown
4	<del></del>		·	<u> </u>		<u></u>	
1	0.0546	0.0496	0.0394	0.0279	0.0243	0.0160	0.0384
2	0.0903	0.0820	0.0652	0.0462	0.0402	0.0264	0.0635
3	0.1267	0.1151	0.0915	0.0648	0.0564	0.0370	0.0891
4	0.1663	0.1510	0.1201	0.0850	0.0740	0.0486	0.1169
5	0.2090	0.1898	0.1509	0.1068	0.0930	0.0611	0.1470
6	0.2551	0.2316	0.1842	0.1304	0.1134	0.0746	0.1793
7	0.3045	0.2765	0.2199	0.1557	0.1355	0.0890	0.2141
8	0.3576	0.3247	0.2582	0.1828	0.1590	0.1045	0.2514
9	0.4143	0.3762	0.2992	0.2118	0.1843	0.1211	0.2913
10	0.4749	0.4312	0.3429	0.2428	0.2112	0.1388	0.3339
11	0.5395	0.4898	0.3896	0.2758	0.2399	0.1577	0.3793
12	0.6083	0.5523	0.4392	0.3109	0.2705	0.1778	0.4277
13	0.6814	0.6187	0.4921	0.3483	0.3031	0.1992	0.4791
14	0.7592	0.6893	0.5482	0.3881	0.3377	0.2219	0.5338
15	0.8418	0.7643	0.6079	0.4303	0.3744	0.2461	0.5919
16	0.9295	0.8440	0.6712	0.4751	0.4134	0.2717	0.6536
17	1.0225	0.9284	0.7384	0.5227	0.4548	0.2989	0.7190
18	1.1212	1.0180	0.8096	0.5731	0.4987	0.3277	0.7883
19	1.2258	1.1130	0.8851	0.6266	0.5452	0.3583	0.8619
20	1.3366	1.2136	0.9651	0.6832	0.5945	0.3907	0.9398
21	1.4539	1.3201	1.0499	0.7432	0.6467	0.4250	1.0223
22	1.5781	1.4329	1.1395	0.8067	0.7019	0.4613	1.1096
23	1.7094	1.5521	1.2343	0.8738	0.7603	0.4997	1.2019
24	1.8481	1.6780	1.3345	0.9447	0.8220	0.5402	1.2994
25	1.9945	1.8109	1.4402	1.0195	0.8871	0.5830	1.4024

### PROPOSED FHCF 2012 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

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	0.0455	0.0413	0.0328	0.0232	0.0202	0.0133	0.0320
2	0.0753	0.0684	0.0544	0.0385	0.0335	0.0220	0.0529
3	0.1056	0.0959	0.0763	0.0540	0.0470	0.0309	0.0743
4	0.1386	0.1258	0.1000	0.0708	0.0616	0.0405	0.0974
5	0.1742	0.1581	0.1258	0.0890	0.0775	0.0509	0.1225
6	0.2125	0.1930	0.1535	0.1086	0.0945	0.0621	0.1494
7	0.2538	0.2304	0.1833	0.1297	0.1129	0.0742	0.1784
8	0.2980	0.2706	0.2152	0.1523	0.1325	0.0871	0.2095
9	0.3453	0.3135	0.2493	0.1765	0.1536	0.1009	0.2428
10	0.3957	0.3593	0.2858	0.2023	0.1760	0.1157	0.2783
11	0.4496	0.4082	0.3246	0.2298	0.2000	0.1314	0.3161
12	0.5069	0.4602	0.3660	0.2591	0.2255	0.1482	0.3564
13	0.5679	0.5156	0.4100	0.2903	0.2526	0.1660	0.3993
14	0.6327	0.5745	0.4568	0.3234	0.2814	0.1849	0.4448
15	0.7015	0.6370	0.5066	0.3586	0.3120	0.2051	0.4933
16	0.7746	0.7033	0.5593	0.3960	0.3445	0.2264	0.5446
17	0.8521	0.7737	0.6153	0.4356	0.3790	0.2491	0.5991
18	0.9343	0.8484	0.6747	0.4776	0.4156	0.2731	0.6570
19	1.0215	0.9275	0.7376	0.5222	0.4543	0.2986	0.7182
20	1.1138	1.0113	0.8043	0.5694	0.4954	0.3256	0.7832
21	1.2116	1.1001	0.8749	0.6193	0.5389	0.3542	0.8519
22	1.3151	1.1940	0.9496	0.6722	0.5849	0.3844	0.9247
23	1.4245	1.2934	1.0286	0.7282	0.6336	0.4164	1.0016
24	1.5401	1.3984	1.1121	0.7873	0.6850	0.4502	1.0829
25	1.6621	1.5091	1.2002	0.8496	0.7393	0.4858	1.1686

### PROPOSED FHCF 2012 Tenants Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 45%

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 and Unknown
1	0.0273	0.0248	0.0197	0.0139	0.0121	0.0080	0.0192
2	0.0452	0.0410	0.0326	0.0231	0.0201	0.0132	0.0318
3	0.0634	0.0575	0.0458	0.0324	0.0282	0.0185	0.0446
4	0.0831	0.0755	0.0600	0.0425	0.0370	0.0243	0.0585
5	0.1045	0.0949	0.0755	0.0534	0.0465	0.0305	0.0735
6	0.1275	0.1158	0.0921	0.0652	0.0567	0.0373	0.0897
7	0.1523	0.1383	0.1100	0.0778	0.0677	0.0445	0.1071
8	0.1788	0.1623	0.1291	0.0914	0.0795	0.0523	0.1257
9	0.2072	0.1881	0.1496	0.1059	0.0921	0.0606	0.1457
10	0.2374	0.2156	0.1715	0.1214	0.1056	0.0694	0.1670
11	0.2697	0.2449	0.1948	0.1379	0.1200	0.0788	0.1897
12	0.3041	0.2761	0.2196	0.1555	0.1353	0.0889	0.2138
13	0.3407	0.3094	0.2460	0.1742	0.1515	0.0996	0.2396
14	0.3796	0.3447	0.2741	0.1940	0.1688	0.1110	0.2669
15	0.4209	0.3822	0.3039	0.2152	0.1872	0.1230	0.2960
16	0.4648	0.4220	0.3356	0.2376	0.2067	0.1359	0.3268
17	0.5113	0.4642	0.3692	0.2613	0.2274	0.1495	0.3595
18	0.5606	0.5090	0.4048	0.2866	0.2493	0.1639	0.3942
19	0.6129	0.5565	0.4426	0.3133	0.2726	0.1792	0.4309
20	0.6683	0.6068	0.4826	0.3416	0.2972	0.1954	0.4699
21	0.7270	0.6601	0.5249	0.3716	0.3233	0.2125	0.5111
22	0.7890	0.7164	0.5698	0.4033	0.3509	0.2306	0.5548
23	0.8547	0.7760	0.6172	0.4369	0.3801	0.2498	0.6010
24	0.9240	0.8390	0.6672	0.4724	0.4110	0.2701	0.6497
25	0.9972	0.9055	0.7201	0.5098	0.4436	0.2915	0.7012

### PROPOSED FHCF 2012 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 90%

				Masonry with		Superior with	
ZIP Code				Reinforced Concrete		Reinforced Concrete	Non-MH Default
<u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Roof Deck	<u>Superior</u>	Roof Deck	and Unknown
1	0.0940	0.0792	0.0655	0.0469	0.0429	0.0346	0.0712
2	0.1556	0.1312	0.1084	0.0776	0.0709	0.0573	0.1178
3	0.2183	0.1840	0.1521	0.1089	0.0995	0.0804	0.1653
4	0.2864	0.2414	0.1995	0.1428	0.1306	0.1055	0.2169
5	0.3600	0.3035	0.2508	0.1796	0.1641	0.1326	0.2726
6	0.4393	0.3703	0.3060	0.2191	0.2003	0.1618	0.3327
7	0.5246	0.4422	0.3654	0.2616	0.2391	0.1932	0.3972
8	0.6159	0.5192	0.4290	0.3072	0.2808	0.2269	0.4664
9	0.7137	0.6016	0.4971	0.3559	0.3253	0.2628	0.5404
10	0.8180	0.6895	0.5698	0.4080	0.3729	0.3013	0.6194
11	0.9293	0.7833	0.6473	0.4635	0.4236	0.3423	0.7037
12	1.0478	0.8832	0.7298	0.5226	0.4777	0.3859	0.7934
13	1.1738	0.9894	0.8176	0.5854	0.5351	0.4323	0.8888
14	1.3078	1.1024	0.9109	0.6522	0.5962	0.4817	0.9903
15	1.4501	1.2223	1.0100	0.7232	0.6611	0.5341	1.0980
16	1.6011	1.3496	1.1152	0.7986	0.7299	0.5897	1.2124
17	1.7614	1.4847	1.2268	0.8785	0.8030	0.6487	1.3338
18	1.9313	1.6280	1.3452	0.9632	0.8805	0.7113	1.4625
19	2.1115	1.7798	1.4707	1.0531	0.9626	0.7777	1.5989
20	2.3023	1.9407	1.6036	1.1483	1.0496	0.8479	1.7434
21	2.5044	2.1111	1.7444	1.2491	1.1417	0.9224	1.8964
22	2.7183	2.2914	1.8933	1.3558	1.2392	1.0012	2.0584
23	2.9445	2.4820	2.0509	1.4686	1.3423	1.0845	2.2297
24	3.1834	2.6834	2.2173	1.5877	1.4513	1.1725	2.4106
25	3.4356	2.8960	2.3929	1.7135	1.5662	1.2653	2.6016

### PROPOSED FHCF 2012 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 75%

ZIP Code <u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Masonry with Reinforced Concrete Roof Deck	<u>Superior</u>	Superior with Reinforced Concrete <u>Roof Deck</u>	Non-MH Default and Unknown
1	0.0783	0.0660	0.0546	0.0391	0.0357	0.0289	0.0593
2	0.1297	0.1093	0.0903	0.0647	0.0591	0.0478	0.0982
3	0.1819	0.1534	0.1267	0.0907	0.0829	0.0670	0.1378
4	0.2387	0.2012	0.1662	0.1190	0.1088	0.0879	0.1807
5	0.3000	0.2529	0.2090	0.1496	0.1368	0.1105	0.2272
6	0.3661	0.3086	0.2550	0.1826	0.1669	0.1348	0.2772
7	0.4372	0.3685	0.3045	0.2180	0.1993	0.1610	0.3310
8	0.5133	0.4327	0.3575	0.2560	0.2340	0.1890	0.3887
9	0.5947	0.5013	0.4142	0.2966	0.2711	0.2190	0.4504
10	0.6817	0.5746	0.4748	0.3400	0.3108	0.2511	0.5162
11	0.7744	0.6528	0.5394	0.3862	0.3530	0.2852	0.5864
12	0.8731	0.7360	0.6081	0.4355	0.3980	0.3216	0.6612
13	0.9782	0.8245	0.6813	0.4879	0.4459	0.3603	0.7407
14	1.0898	0.9186	0.7591	0.5435	0.4968	0.4014	0.8252
15	1.2084	1.0186	0.8417	0.6027	0.5509	0.4451	0.9150
16	1.3343	1.1247	0.9293	0.6655	0.6083	0.4914	1.0104
17	1.4678	1.2373	1.0224	0.7321	0.6691	0.5406	1.1115
18	1.6094	1.3567	1.1210	0.8027	0.7337	0.5928	1.2187
19	1.7596	1.4832	1.2256	0.8776	0.8021	0.6480	1.3324
20	1.9186	1.6173	1.3363	0.9569	0.8747	0.7066	1.4528
21	2.0870	1.7592	1.4536	1.0409	0.9514	0.7687	1.5804
22	2.2652	1.9095	1.5778	1.1298	1.0327	0.8343	1.7153
23	2.4537	2.0683	1.7091	1.2238	1.1186	0.9037	1.8581
24	2.6528	2.2362	1.8477	1.3231	1.2094	0.9770	2.0088
25	2.8630	2.4133	1.9941	1.4279	1.3052	1.0544	2.1680

### PROPOSED FHCF 2012 Condominium Unit Owners Rates (Not Yet Approved by FHCF Trustees for Use)

Rates are Dollars per \$1000 of Exposure

Coverage Level: 45%

				Masonry with		Superior with	
ZIP Code				Reinforced Concrete		Reinforced Concrete	Non-MH Default
<u>Group</u>	<u>Frame</u>	Masonry Veneer	<u>Masonry</u>	Roof Deck	<u>Superior</u>	Roof Deck	and Unknown
1	0.0470	0.0396	0.0327	0.0234	0.0214	0.0173	0.0356
2	0.0778	0.0656	0.0542	0.0388	0.0355	0.0287	0.0589
3	0.1092	0.0920	0.0760	0.0544	0.0498	0.0402	0.0827
4	0.1432	0.1207	0.0997	0.0714	0.0653	0.0527	0.1084
5	0.1800	0.1517	0.1254	0.0898	0.0821	0.0663	0.1363
6	0.2197	0.1852	0.1530	0.1096	0.1001	0.0809	0.1663
7	0.2623	0.2211	0.1827	0.1308	0.1196	0.0966	0.1986
8	0.3080	0.2596	0.2145	0.1536	0.1404	0.1134	0.2332
9	0.3568	0.3008	0.2485	0.1780	0.1627	0.1314	0.2702
10	0.4090	0.3448	0.2849	0.2040	0.1865	0.1506	0.3097
11	0.4646	0.3917	0.3236	0.2317	0.2118	0.1711	0.3518
12	0.5239	0.4416	0.3649	0.2613	0.2388	0.1929	0.3967
13	0.5869	0.4947	0.4088	0.2927	0.2676	0.2162	0.4444
14	0.6539	0.5512	0.4554	0.3261	0.2981	0.2408	0.4951
15	0.7250	0.6112	0.5050	0.3616	0.3305	0.2670	0.5490
16	0.8006	0.6748	0.5576	0.3993	0.3650	0.2948	0.6062
17	0.8807	0.7424	0.6134	0.4392	0.4015	0.3244	0.6669
18	0.9657	0.8140	0.6726	0.4816	0.4402	0.3557	0.7312
19	1.0557	0.8899	0.7353	0.5265	0.4813	0.3888	0.7994
20	1.1512	0.9704	0.8018	0.5741	0.5248	0.4240	0.8717
21	1.2522	1.0555	0.8722	0.6245	0.5709	0.4612	0.9482
22	1.3591	1.1457	0.9467	0.6779	0.6196	0.5006	1.0292
23	1.4722	1.2410	1.0254	0.7343	0.6712	0.5422	1.1148
24	1.5917	1.3417	1.1086	0.7939	0.7256	0.5862	1.2053
25	1.7178	1.4480	1.1965	0.8568	0.7831	0.6327	1.3008

2012 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 = 1.2 if the preliminary factor exceeds 1.2; or

0.8 if the preliminary factor is less than 0.8; or

the preliminary factor in all other cases.

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

			Туре	of Busines	SS	
				Mobile		
Rating Factor	Description	Commercial	Residential	Home	Tenants	Condos
	2002 or later	0.6546	0.7083	1.0000	0.6003	0.6396
Year Built	1995-2001	0.7024	0.7984	1.0000	0.7195	0.7450
rear built	1994 or Earlier	1.1304	1.1652	1.0000	1.2210	1.1665
	Unknown or Mobile Home	1.0165	1.0603	1.0000	1.0739	1.0434
Roof Shape	Hip, Masard, or Pyramid	0.8421	0.8553	1.0000	0.7432	0.7717
Roof Shape	Gable, Other or Unknown	1.0274	1.0939	1.0000	1.0293	1.0355
	Structure Opening Protection	0.8591	0.8452	1.0000	0.6919	0.7834
Opening Protection	No Structure Opening Protection	1.0507	1.0972	1.0000	1.0484	1.1038
On Balance Factor		0.9508	0.9960	1.0000	0.9529	0.9913

## **EXHIBIT**

XV

### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report 2011 FHCF Exposure and Risks as of 2/20/12

### **Total Exposure**

2012 FHCF						
Rating					Condominium-	
Region	Commercial	Residential	Mobile Home	Tenants	Owners	Total
1	4,391,047,709	153,996,021,975	4,794,643,557	1,533,135,917	1,568,654,484	166,283,503,642
2	1,753,253,604	70,095,337,509	2,473,976,618	846,995,679	808,901,368	75,978,464,778
3	8,293,405,174	273,758,479,831	4,670,946,340	2,741,796,527	4,145,992,188	293,610,620,060
4	5,430,575,098	170,390,664,950	7,456,506,772	1,316,871,615	2,459,624,688	187,054,243,123
5	3,849,672,228	126,536,123,196	2,340,506,947	1,086,631,536	1,696,609,373	135,509,543,280
6	1,612,164,130	58,948,600,536	1,412,951,626	534,166,021	786,013,374	63,293,895,687
7	8,548,608,739	110,384,168,665	3,156,341,753	929,282,517	4,258,340,164	127,276,741,838
8	8,867,323,168	78,469,465,772	1,111,316,953	892,912,604	4,557,155,551	93,898,174,048
9	7,608,984,544	80,238,161,084	1,393,088,734	693,208,188	3,671,707,150	93,605,149,700
10	7,225,998,140	84,481,429,530	908,736,122	783,599,820	4,395,500,003	97,795,263,615
11	7,958,853,877	70,918,992,676	1,204,579,522	734,460,667	4,098,941,866	84,915,828,608
12	24,731,690,260	145,978,757,341	808,071,530	1,444,502,587	10,322,730,147	183,285,751,865
13	17,808,503,389	90,791,703,616	738,779,108	850,975,428	7,241,384,960	117,431,346,501
14	10,523,190,931	55,824,975,574	349,103,616	405,716,715	3,448,388,958	70,551,375,794
15	6,823,864,130	30,892,462,951	268,635,995	253,996,244	2,861,000,572	41,099,959,892
16	8,689,316,537	22,365,288,126	233,196,611	320,616,007	4,404,015,883	36,012,433,164
17	5,772,594,826	34,211,647,122	34,313,943	449,800,277	2,188,793,992	42,657,150,160
18	6,732,157,931	28,122,409,121	111,680,533	225,645,797	2,572,800,782	37,764,694,164
19	5,973,742,857	20,142,541,057	74,011,112	299,307,568	1,882,266,071	28,371,868,665
20	9,266,450,846	24,694,626,462	56,921,475	451,721,624	3,088,473,402	37,558,193,809
21	4,172,031,882	3,745,900,036	72,240,178	92,725,275	978,035,607	9,060,932,978
22	13,451,853,518	26,921,179,619	72,134,466	1,046,697,346	5,540,322,478	47,032,187,427
23	9,713,364,753	6,169,621,742	3,643,520	360,770,106	3,424,283,589	19,671,683,710
24	9,888,297,407	7,047,097,578	17,629,962	242,762,968	2,664,686,312	19,860,474,227
25	4,594,273,635	2,115,472,653	137,300	183,376,996	1,538,941,139	8,432,201,723
Total	\$203,681,219,313	\$1,777,241,128,722	\$33,764,094,293	\$18,721,676,029	\$84,603,564,101	\$2,118,011,682,458
1-5	\$23,717,953,813	\$794,776,627,461	\$21,736,580,234	\$7,525,431,274	\$10,679,782,101	\$858,436,374,883
6-10	\$33,863,078,721	\$412,521,825,587	\$7,982,435,188	\$3,833,169,150	\$17,668,716,242	\$475,869,224,888
11-15	\$67,846,102,587	\$394,406,892,158	\$3,369,169,771	\$3,689,651,641	\$27,972,446,503	\$497,284,262,660
16-20	\$36,434,262,997	\$129,536,511,888	\$510,123,674	\$1,747,091,273	\$14,136,350,130	\$182,364,339,962
21-25	\$41,819,821,195	\$45,999,271,628	\$165,785,426	\$1,926,332,691	\$14,146,269,125	\$104,057,480,065
	% of Total within line of	of business				
1-5	11.6%	44.7%	64.4%	40.2%	12.6%	40.5%
6-10	16.6%	23.2%	23.6%	20.5%	20.9%	22.5%
11-15	33.3%	22.2%	10.0%	19.7%	33.1%	23.5%
16-20	17.9%	7.3%	1.5%	9.3%	16.7%	8.6%
21-25	20.5%	2.6%	0.5%	10.3%	16.7%	4.9%
_	% of Total within Terri	•				
Total	9.6%	83.9%	1.6%	0.9%	4.0%	100.0%
1-5	2.8%	92.6%	2.5%	0.9%	1.2%	100.0%
6-10	7.1%	86.7%	1.7%	0.8%	3.7%	100.0%
11-15	13.6%	79.3%	0.7%	0.7%	5.6%	100.0%
16-20	20.0%	71.0%	0.3%	1.0%	7.8%	100.0%
21-25	40.2%	44.2%	0.2%	1.9%	13.6%	100.0%

### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report 2011 FHCF Exposure and Risks as of 2/20/12

Tota	ıDi	ic	b٥
TOTA		15	ĸ.

2012 FHCF Rating Region	Commercial	Residential	Mobile Home	Tenants	Condominium- Owners	Total
1	5,394	423,464	62,019	54,231	16,346	561,454
2	1,931	177,321	31,486	24,707	7,036	242,481
3	8,650	675,240	56,573	96,527	41,336	878,326
4	6,248	431,359	90,168	40,988	21,779	590,542
5	6,089	323,215	30,924	43,002	19,416	422,646
6	2,058	165,498	17,435	18,542	8,307	211,840
7	13,712	286,508	40,271	33,598	43,859	417,948
8	12,234	218,544	18,335	34,541	49,496	333,150
9	9,139	208,999	19,486	24,038	37,844	299,506
10	10,358	208,472	14,053	25,229	41,933	300,045
11	9,652	146,599	14,642	23,717	38,853	233,463
12	26,589	318,161	10,817	54,017	119,888	529,472
13	18,852	225,142	8,668	26,245	82,552	361,459
14	10,891	164,088	5,061	15,622	40,122	235,784
15	6,634	83,786	3,667	6,853	20,296	121,236
16	7,574	55,607	3,209	6,819	30,688	103,897
17	6,008	58,340	468	8,108	17,807	90,731
18	5,429	70,522	1,751	6,919	22,806	107,427
19	4,449	46,882	961	6,115	16,536	74,943
20	6,072	48,073	978	10,089	24,290	89,502
21	2,093	10,854	1,261	3,355	12,044	29,607
22	7,763	42,378	1,223	9,047	35,465	95,876
23	1,921	9,703	58	5,711	17,728	35,121
24	2,437	8,766	276	3,547	16,799	31,825
25	1,417	1,736	2	2,400	7,682	13,237
Total	193,594	4,409,257	433,792	583,967	790,908	6,411,518
1-5	28,312	2,030,599	271,170	259,455	105,913	2,695,449
6-10	47,501	1,088,021	109,580	135,948	181,439	1,562,489
11-15	72,618	937,776	42,855	126,454	301,711	1,481,414
16-20	29,532	279,424	7,367	38,050	112,127	466,500
21-25	15,631	73,437	2,820	24,060	89,718	205,666
	% of Total with					
1-5	14.6%	46.1%	62.5%	44.4%		42.0%
6-10	24.5%	24.7%	25.3%	23.3%		24.4%
11-15	37.5%	21.3%	9.9%	21.7%		23.1%
16-20	15.3%	6.3%	1.7%	6.5%		7.3%
21-25	8.1%	1.7%	0.7%	4.1%	11.3%	3.2%
T-/-!	% of Total with	•	0.007	0.407	40.007	400.007
Total	3.0%	68.8%	6.8%	9.1%		100.0%
1-5	1.1%	75.3%	10.1%	9.6%		100.0%
6-10	3.0%	69.6%	7.0%	8.7%		100.0%
11-15	4.9%	63.3%	2.9%	8.5%		100.0%
16-20	6.3%	59.9%	1.6%	8.2%		100.0%
21-25	7.6%	35.7%	1.4%	11.7%	43.6%	100.0%

### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report 2011 FHCF Exposure and Risks as of 2/20/12

Δ	VE	ra	1	00

2012 FHCF Rating Region	Commercial	Residential	Mobile Home	Tenants	Condominium- Owners
1	814,061	363,658	77,309	28,270	95,966
2	907,951	395,302	78,574	34,282	114,966
3	958,775	405,424	82,565	28,404	100,300
4	869,170	395,009	82,696	32,128	112,936
5	632,234	391,492	75,686	25,269	87,382
6	783,364	356,189	81,041	28,808	94,621
7	623,440	385,274	78,378	27,659	97,092
8	724,810	359,056	60,612	25,851	92,071
9	832,584	383,916	71,492	28,838	97,022
10	697,625	405,241	64,665	31,059	104,822
11	824,581	483,762	82,269	30,968	105,499
12	930,147	458,820	74,704	26,742	86,103
13	944,648	403,264	85,231	32,424	87,719
14	966,228	340,214	68,979	25,971	85,948
15	1,028,620	368,707	73,258	37,064	140,964
16	1,147,256	402,203	72,670	47,018	143,509
17	960,818	586,418	73,320	55,476	122,918
18	1,240,036	398,775	63,781	32,612	112,812
19	1,342,716	429,643	77,015	48,946	113,828
20	1,526,095	513,690	58,202	44,774	127,150
21	1,993,326	345,117	57,288	27,638	81,205
22	1,732,816	635,263	58,982	115,696	156,219
23	5,056,411	635,847	62,819	63,171	193,157
24	4,057,570	803,913	63,877	68,442	158,622
25	3,242,254	1,218,590	68,650	76,407	200,331
Total	\$1,052,105	\$403,070	\$77,835	\$32,059	\$106,970
1-5	\$837,735	\$391,400	\$80,158	\$29,005	\$100,835
6-10	\$712,892	\$379,149	\$72,846	\$28,196	\$97,381
11-15	\$934,288	\$420,577	\$78,618	\$29,178	\$92,713
16-20	\$1,233,721	\$463,584	\$69,244	\$45,916	\$126,074
21-25	\$2,675,441	\$626,377	\$58,789	\$80,064	\$157,675

## **EXHIBIT**

XVI

### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report

#### 2012 Residential Masonry Base Premium (2% Deductible) Comparison Prior to Application of Premium Credits/Surcharges

### % Change in Rates

Maximum Decrease -36.38% Maximum Increase 93.15%

			Percentage of	Residential	Percentage of	Residential Exposure	Percentage of
Threshh	old	Count of ZIP	Zip Codes in	Exposure	Res Exposure in	Risk Counts	Risk Counts in
From	To	Codes	Group	(in 000's)	Group	(Houses)	Group
Greater Than	-30%	4	0.27%	151,697	0.01%	500	0.01%
-30%	-15%	7	0.48%	6,242,276	0.41%	17,512	0.46%
-15%	0%	135	9.22%	122,367,505	7.94%	303,506	7.97%
0%	15%	238	16.26%	241,489,336	15.67%	630,481	16.55%
15%	30%	610	41.67%	653,019,164	42.38%	1,596,332	41.90%
30%	45%	219	14.96%	232,413,545	15.08%	582,109	15.28%
45%	60%	172	11.75%	228,317,201	14.82%	544,302	14.29%
Greater Than	60%	78	5.33%	56,768,350	3.68%	134,896	3.54%
		1463	99.93%	1,540,769,074	100.00%	3,809,638	100.00%
New ZIP Code	es in 2012	1	0.07%	=	0.00%	-	0.00%
		1464	100.00%	1,540,769,074	100.00%	3,809,638	100.00%

### \$ Change in Rates

Maximum Decrease (\$9.31)
Maximum Increase \$79.74

						Residential	
			Percentage of	Residential	Percentage of	Exposure	Percentage of
Premium Thres	shhold*	Count of ZIP	Zip Codes in	Exposure	Res Exposure in	Risk Counts	Risk Counts in
From	To	Codes	Group	(in 000's)	Group	(Houses)	Group
-\$10	-\$5	102	6.97%	99,072,216	6.43%	247,466	6.50%
-\$5	\$0	44	3.01%	29,689,262	1.93%	74,052	1.94%
\$0	\$5	290	19.81%	220,861,251	14.33%	571,603	15.00%
\$5	\$10	46	3.14%	52,403,297	3.40%	154,714	4.06%
\$10	\$15	492	33.61%	553,945,521	35.95%	1,352,542	35.50%
\$15	\$25	231	15.78%	247,843,730	16.09%	643,585	16.89%
\$25	\$50	225	15.37%	308,231,445	20.01%	712,250	18.70%
\$50	\$80	33	2.25%	28,722,351	1.86%	53,426	1.40%
		1463	99.93%	1,540,769,074	100.00%	3,809,638	100.00%
New ZIP Code	s in 2012	1	0.07%	-	0.00%	-	0.00%
		1464	100.00%	1,540,769,074	100.00%	3,809,638	100.00%

### \*Exposure Assumptions

Coverages: \$ 120 Building Value

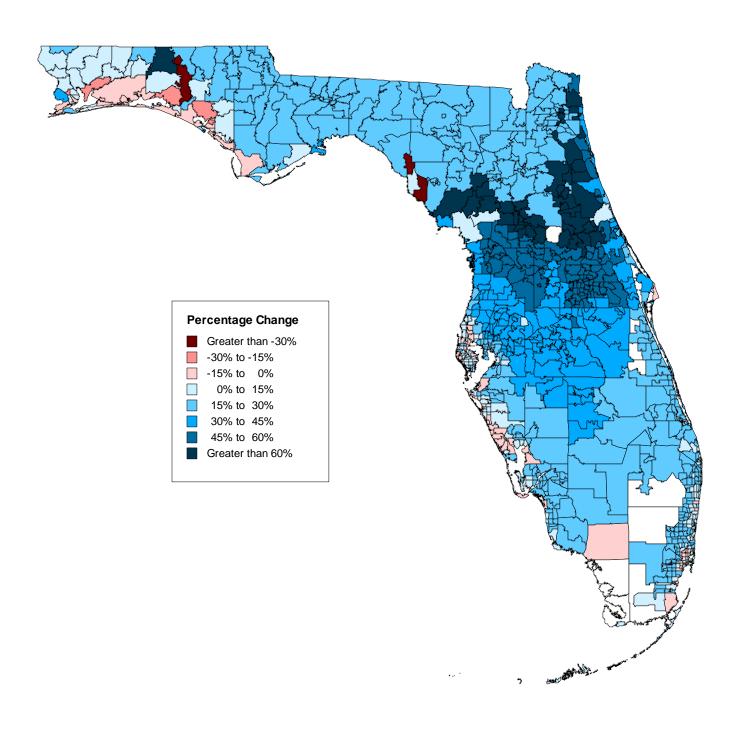
(in thousands) \$ 12 Appurtenant structures

\$ 60 Contents

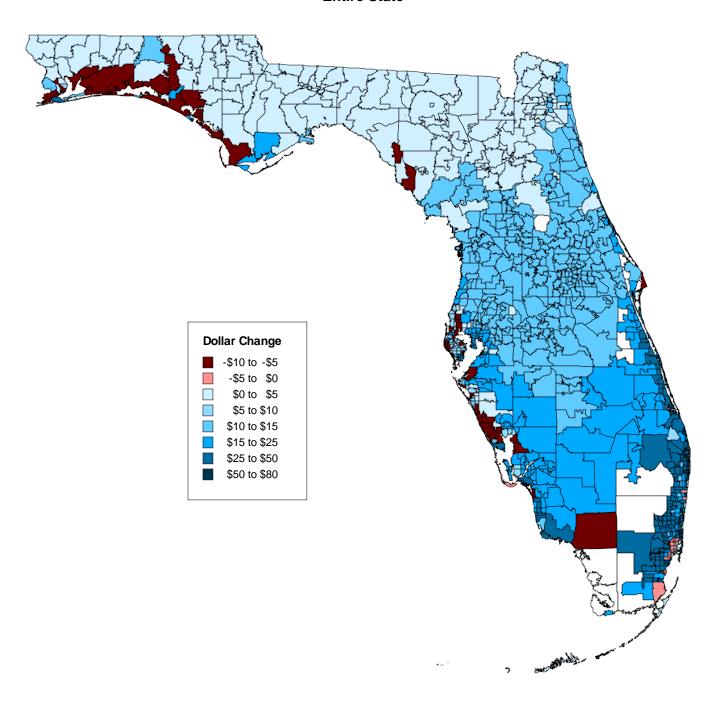
\$ 12 Additional Living Expense

\$ 204 FHCF Exposure

# Florida Hurricane Catastrophe Fund Proposed 2012 Percentage Rate Change by 5-Digit ZIP Code Entire State



# Florida Hurricane Catastrophe Fund Proposed 2012 Dollar Rate Change by 5-Digit ZIP Code Entire State



## **EXHIBIT**

XVII

## Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report

#### **\$0M Financial Product Expense**

## All Scenarios Contemplate 1/3 Drop Down Retention on 3<sup>rd</sup> Largest Event Mandatory Premium includes Cash Build Up Factor; TICL Premium is Quintupled

(1)		(2)	(3)	(4)			
Mandatory FHCF Limit	Coverage Provided	Mandatory FHCF Premium	FHCF Rate on Line	FHCF Payout Multiple			
\$17,000,000,000	\$17.000B xs \$7.389B*	\$1,314,257,827	7.73%	12.9351			
(5)		(6)	(7)	(8)	(9)	(10) <b>FHCF + TICL</b>	(11) FHCF + TICL
			TICL Rate	TICL Payout	FHCF + TICL	Payout	Prem Adj
TICL Limit	Coverage Provided	TICL Premium	on Line	Multiple <sup>+</sup>	Premium	Multiple	Factor*
\$1,000,000,000	\$18.000B xs \$7.389B	\$161,035,443	16.104%	0.7609	\$1,475,293,270	13.6959	1.1225
\$2,000,000,000	\$19.000B xs \$7.389B	\$313,809,834	15.690%	1.5218	\$1,628,067,661	14.4568	1.2388
\$3,000,000,000	\$20.000B xs \$7.389B	\$458,282,617	15.276%	2.2827	\$1,772,540,444	15.2177	1.3487
\$4,000,000,000	\$21.000B xs \$7.389B	\$595,196,510	14.880%	3.0435	\$1,909,454,337	15.9786	1.4529

- (1) 2012 FHCF Limit
- (2) = Exhibit 2 Row (45)
- (3) = (2)/(1)
- (4) = (1)/(2)
- (5) TICL Increased Limit Options Assumes same coverage as Mandatory FHCF Layer
- (6) Assumes all companies purchase additional TICL Limit
- (7) = (6)/(5)
- (8) =(5)/(2)
- (9) =(2)+(6)
- (10) = (4)+(8)
- (11) Premium Adjustment Factor based on Selected TICL Layer
- + Multiply by mandatory FHCF Reimbursement premium to get TICL Limit
- \* Multiply published FHCF mandatory rates by the premium adjustment factor for the selected TICL limit level

## **EXHIBIT**

**XVIII** 

### Florida Hurricane Catastrophe Fund 2012 Ratemaking Formula Report Adjustment to Rates

The rates published in this book assume:

1 Pre Event Note Costs = \$14,139,834 2 FHCF Limit = \$17.000 billion 3 FHCF Retention = \$7.389 billion 4 Financial Products Expense = \$0

Should the SBA authorize additional expenditure for pre-event notes during the 2012 contract year the rates would be adjusted using the factors provided.

Should the SBA authorize additional expenditures between the amounts provided, all rates would be adjusted proportionately.

#### Florida Hurricane Catstrophe Fund 2012 Ratemaking Formula Report Rating Elements by Layer (FHCF + TICL) Impact of Additional Costs of Pre-Event Notes

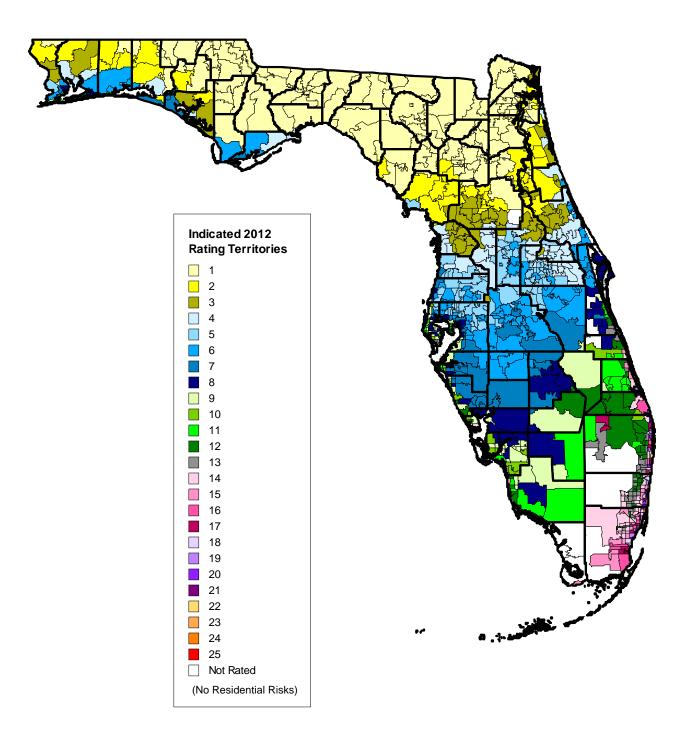
#### Note: All Payout and Retention Multiples Applied to Mandatory FHCF Premium

				2012 Pre	mium w 20% Cash	Build Up				
		TICL	0	+ ,,	\$2,000,000,000	\$3,000,000,000	\$4,000,000,000		Mandatory FHCF	
		Limit	\$17,000,000,000	\$18,000,000,000	\$19,000,000,000	\$20,000,000,000	\$21,000,000,000		Rate Adjustment Fac	ctor
	Pre Event Note Expense									
1	14,139,834		1,314,257,827	1,475,293,270	1,628,067,661	1,772,540,444	1,909,454,337		1.0000000	
2	15,000,000		1,315,290,026	1,476,325,469	1,629,099,860	1,773,572,643	1,910,486,536		1.00078539	
3	20,000,000		1,321,290,026	1,482,325,469	1,635,099,860	1,779,572,643	1,916,486,536		1.00535070	
4	25,000,000		1,327,290,026	1,488,325,469	1,641,099,860	1,785,572,643	1,922,486,536		1.00991601	
5	30,000,000		1,333,290,026	1,494,325,469	1,647,099,860	1,791,572,643	1,928,486,536		1.01448133	
6	35,000,000		1,339,290,026	1,500,325,469	1,653,099,860	1,797,572,643	1,934,486,536		1.01904664	
7	40,000,000		1,345,290,026	1,506,325,469	1,659,099,860	1,803,572,643	1,940,486,536		1.02361196	
8	45,000,000		1,351,290,026	1,512,325,469	1,665,099,860	1,809,572,643	1,946,486,536		1.02817727	
9	50,000,000		1,357,290,026	1,518,325,469	1,671,099,860	1,815,572,643	1,952,486,536		1.03274259	
10	55,000,000		1,363,290,026	1,524,325,469	1,677,099,860	1,821,572,643	1,958,486,536		1.03730790	
11	60,000,000		1,369,290,026	1,530,325,469	1,683,099,860	1,827,572,643	1,964,486,536		1.04187321	
12	65,000,000		1,375,290,026	1,536,325,469	1,689,099,860	1,833,572,643	1,970,486,536		1.04643853	
13	70,000,000		1,381,290,026	1,542,325,469	1,695,099,860	1,839,572,643	1,976,486,536		1.05100384	
14	75,000,000		1,387,290,026	1,548,325,469	1,701,099,860	1,845,572,643	1,982,486,536		1.05556916	
15	80,000,000		1,393,290,026	1,554,325,469	1,707,099,860	1,851,572,643	1,988,486,536		1.06013447	
16	85,000,000		1,399,290,026	1,560,325,469	1,713,099,860	1,857,572,643	1,994,486,536		1.06469978	
17	90,000,000		1,405,290,026	1,566,325,469	1,719,099,860	1,863,572,643	2,000,486,536		1.06926510	
18	95,000,000		1,411,290,026	1,572,325,469	1,725,099,860	1,869,572,643	2,006,486,536		1.07383041	
19	100,000,000		1,417,290,026	1,578,325,469	1,731,099,860	1,875,572,643	2,012,486,536		1.07839573	
				Pro	iected Pavout Multi	oles				
		TICL	0	Pro \$1,000,000,000	jected Payout Multi \$2,000,000,000	oles \$3,000,000,000	\$4,000,000,000		Retention Multiples	
		TICL Limit	0 \$17,000,000,000				\$4,000,000,000 \$21,000,000,000	90%	Retention Multiples 75%	45%
		-		\$1,000,000,000	\$2,000,000,000	\$3,000,000,000		90%	•	45%
1		-		\$1,000,000,000	\$2,000,000,000	\$3,000,000,000		90% 5.6170	•	45% 11.2340
1 2	Pre Event Note Expense	-	\$17,000,000,000	\$1,000,000,000 \$18,000,000,000	\$2,000,000,000 \$19,000,000,000	\$3,000,000,000 \$20,000,000,000	\$21,000,000,000		75%	
	Pre Event Note Expense 14,139,834	-	\$17,000,000,000 12.9351	\$1,000,000,000 \$18,000,000,000 13.6959	\$2,000,000,000 \$19,000,000,000 14.4568	\$3,000,000,000 \$20,000,000,000	\$21,000,000,000 15.9786	5.6170	75% 6.7404	11.2340
2	Pre Event Note Expense 14,139,834 15,000,000	-	\$17,000,000,000 12.9351 12.9249	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058	\$21,000,000,000 15.9786 15.9661	5.6170 5.6126	75% 6.7404 6.7351	11.2340 11.2252
2	Pre Event Note Expense 14,139,834 15,000,000 20,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367	\$21,000,000,000 15.9786 15.9661 15.8936	5.6170 5.6126 5.5871	75% 6.7404 6.7351 6.7045	11.2340 11.2252 11.1742
2 3 4	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217	5.6170 5.6126 5.5871 5.5618 5.5368	75% 6.7404 6.7351 6.7045 6.6742	11.2340 11.2252 11.1742 11.1237
2 3 4 5	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505	5.6170 5.6126 5.5871 5.5618	75% 6.7404 6.7351 6.7045 6.6742 6.6442	11.2340 11.2252 11.1742 11.1237 11.0736
2 3 4 5 6	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 35,000,000 40,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240
2 3 4 5 6 7	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748
2 3 4 5 6 7 8	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261
2 3 4 5 6 7 8	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985 13.9369	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778
2 3 4 5 6 7 8 9 10	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985 13.9369 13.8758	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825
2 3 4 5 6 7 8 9 10 11 12	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000 65,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985 13.9369 13.8758 13.8153	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364 15.2695	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354
2 3 4 5 6 7 8 9 10 11 12 13	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 35,000,000 40,000,000 45,000,000 50,000,000 60,000,000 65,000,000 70,000,000	-	\$17,000,000,000 12.9351 12.9249 12.8662 12.8081 12.7504 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985 13.9369 13.8758 13.8153 13.7553	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364 15.2695 15.2032	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888
2 3 4 5 6 7 8 9 10 11 12 13 14	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000 65,000,000 70,000,000 75,000,000	-	\$17,000,000,000  12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073 12.2541	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313 12.9749	\$2,000,000,000 \$19,000,000,000 14.4568 14.4455 14.3799 14.3149 14.2505 14.1866 14.1233 14.0606 13.9985 13.9369 13.8758 13.8153 13.7553 13.6958	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792 14.4166	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6790 15.5407 15.4720 15.4039 15.3364 15.2695 15.2032 15.1374	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444 5.3213	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133 6.3855	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888 10.6426
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000 65,000,000 70,000,000 75,000,000 80,000,000	-	\$17,000,000,000  12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073 12.2541 12.2013	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313 12.9749 12.9191	\$2,000,000,000 \$19,000,000,000 14,4568 14,4455 14,3799 14,3149 14,2505 14,1866 14,1233 14,0606 13,9985 13,9369 13,8758 13,8153 13,7553 13,6958 13,6368	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792 14.4166 14.3545	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364 15.2695 15.2032 15.1374 15.0722	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444 5.3213 5.2984	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133 6.3855 6.3580	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888 10.6426 10.5967
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000 70,000,000 75,000,000 80,000,000 80,000,000	-	\$17,000,000,000  12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073 12.2541 12.2013 12.1490	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313 12.9749 12.9191 12.8637	\$2,000,000,000 \$19,000,000,000 14,4568 14,4455 14,3799 14,3149 14,2505 14,1866 14,1233 14,0606 13,9985 13,9369 13,8758 13,8153 13,7553 13,6958 13,6368 13,5783	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792 14.4166 14.3545 14.2930	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364 15.2695 15.2032 15.1374 15.0722 15.0076	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444 5.3213 5.2984 5.2757	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133 6.3855 6.3580 6.3308	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888 10.6426 10.5967 10.5513
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 35,000,000 40,000,000 45,000,000 55,000,000 60,000,000 65,000,000 70,000,000 75,000,000 80,000,000 80,000,000 90,000,000	-	\$17,000,000,000  12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073 12.2541 12.2013 12.1490 12.0971	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313 12.9749 12.9191 12.8637 12.8087	\$2,000,000,000 \$19,000,000,000 14,4568 14,4455 14,3799 14,3149 14,2505 14,1866 14,1233 14,0606 13,9985 13,9369 13,8758 13,8153 13,7553 13,6958 13,6368 13,5783 13,5203	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792 14.4166 14.3545 14.2930 14.2319	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4720 15.4039 15.3364 15.2695 15.2032 15.1374 15.0722 15.0076 14.9435	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444 5.3213 5.2984 5.2757 5.2531	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133 6.3855 6.3580 6.3308 6.3038	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888 10.6426 10.5967 10.5513 10.5063
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Pre Event Note Expense 14,139,834 15,000,000 20,000,000 25,000,000 30,000,000 40,000,000 45,000,000 50,000,000 60,000,000 70,000,000 75,000,000 80,000,000 80,000,000	-	\$17,000,000,000  12.9351 12.9249 12.8662 12.8081 12.7504 12.6933 12.6367 12.5806 12.5250 12.4698 12.4152 12.3610 12.3073 12.2541 12.2013 12.1490	\$1,000,000,000 \$18,000,000,000 13.6959 13.6852 13.6230 13.5615 13.5004 13.4400 13.3800 13.3206 13.2617 13.2034 13.1455 13.0881 13.0313 12.9749 12.9191 12.8637	\$2,000,000,000 \$19,000,000,000 14,4568 14,4455 14,3799 14,3149 14,2505 14,1866 14,1233 14,0606 13,9985 13,9369 13,8758 13,8153 13,7553 13,6958 13,6368 13,5783	\$3,000,000,000 \$20,000,000,000 15.2177 15.2058 15.1367 15.0683 15.0005 14.9333 14.8667 14.8007 14.7352 14.6704 14.6061 14.5424 14.4792 14.4166 14.3545 14.2930	\$21,000,000,000 15.9786 15.9661 15.8936 15.8217 15.7505 15.6799 15.6100 15.5407 15.4720 15.4039 15.3364 15.2695 15.2032 15.1374 15.0722 15.0076	5.6170 5.6126 5.5871 5.5618 5.5368 5.5120 5.4874 5.4631 5.4389 5.4150 5.3912 5.3677 5.3444 5.3213 5.2984 5.2757	75% 6.7404 6.7351 6.7045 6.6742 6.6442 6.6144 6.5849 6.5557 6.5267 6.4980 6.4695 6.4413 6.4133 6.3855 6.3580 6.3308	11.2340 11.2252 11.1742 11.1237 11.0736 11.0240 10.9748 10.9261 10.8778 10.8299 10.7825 10.7354 10.6888 10.6426 10.5967 10.5513

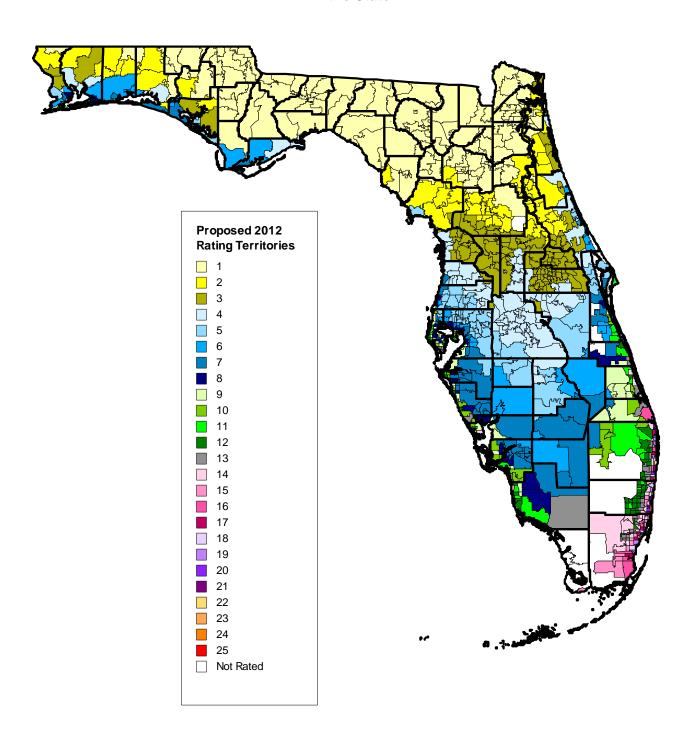
# **EXHIBIT**

XIX

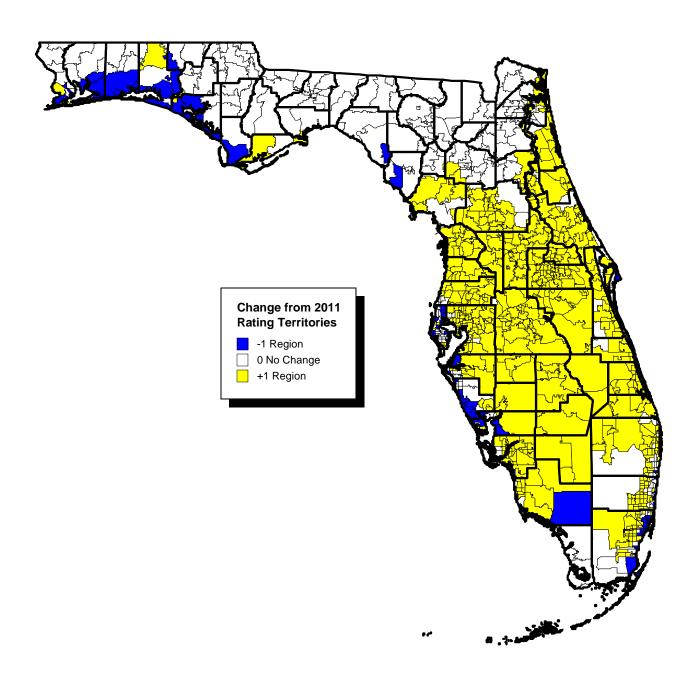
### Florida Hurricane Catastrophe Fund Indicated 2012 Rating Territories by 5-Digit ZIP Code Entire State



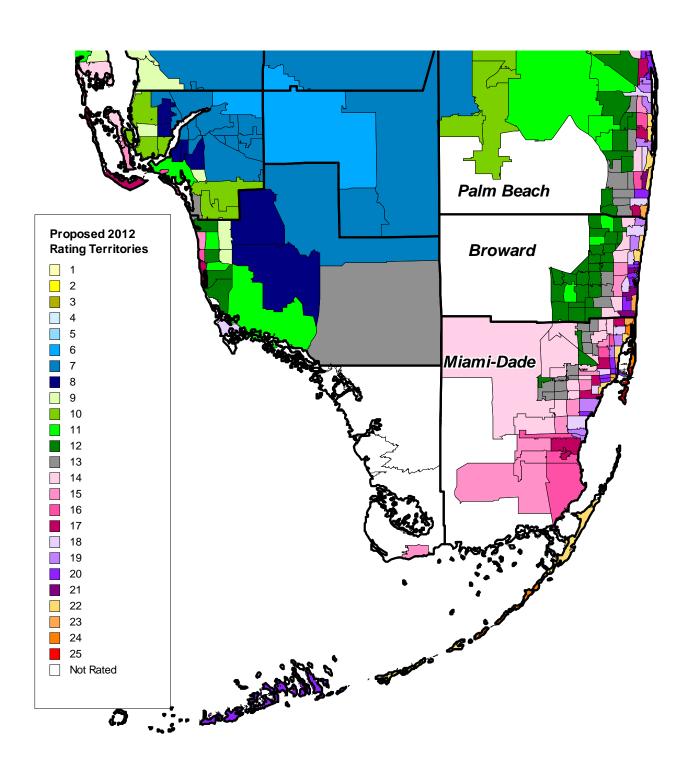
# Florida Hurricane Catastrophe Fund Proposed 2012 Rating Territories by 5-Digit ZIP Code Entire State



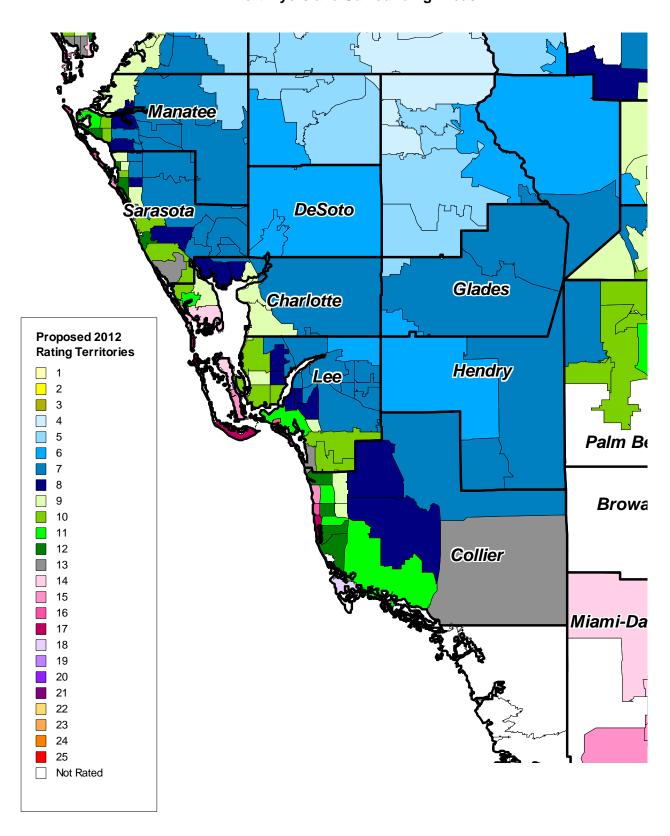
# Florida Hurricane Catastrophe Fund Proposed 2012 Rating Territories by 5-Digit ZIP Code Entire State - Change From 2011 Territories



## Proposed 2012 Rating Territories by 5-Digit ZIP Code Miami and Surrounding Areas

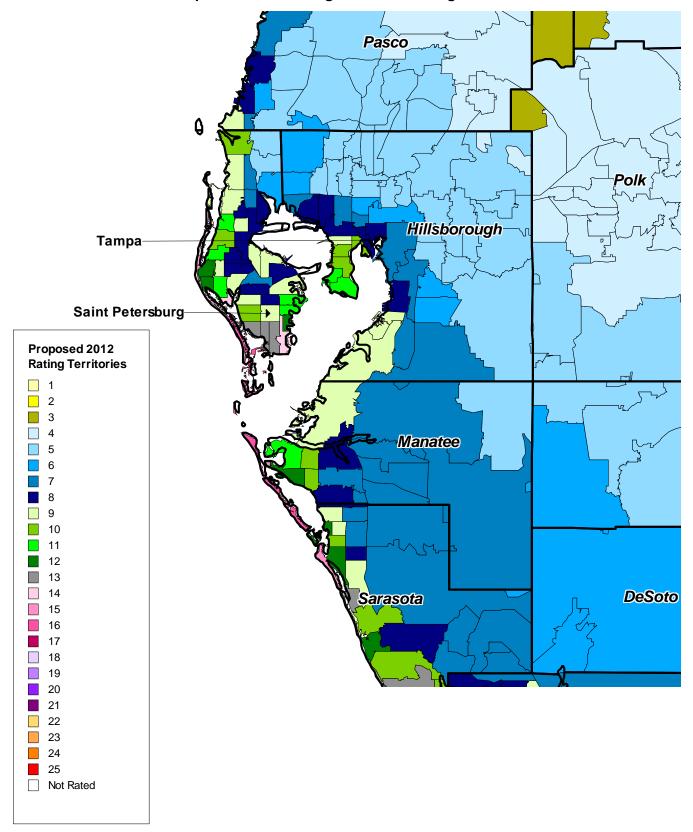


### Proposed 2012 Rating Territories by 5-Digit ZIP Code Fort Myers and Surrounding Areas



### **Proposed 2012 Rating Territories by 5-Digit ZIP Code**

**Tampa/Saint Petersburg and Surrounding Areas** 



# Florida Hurricane Catastrophe Fund Proposed 2012 Rating Territories by 5-Digit ZIP Code Florida Keys

