## Scenario Planning Analyses

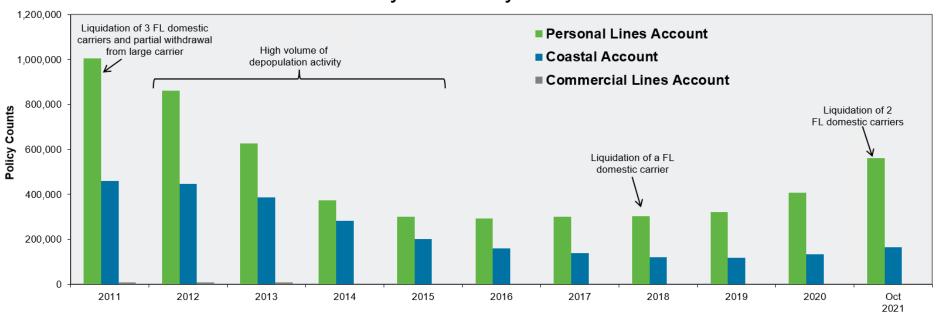
Board of Governors Meeting

December 15, 2021



### Fragile and Volatile Property Insurance Market Impacts Citizens

#### Policy Counts by Account



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Oct
	2011	2012	2010 2014	2014	2010 2	2010	2017	17 2010	2010	2020	2021
Personal Lines Account	1,003,856	860,502	627,391	373,617	299,902	293,118	300,507	304,507	322,792	407,325	560,569
Coastal Account	460,161	446,163	386,688	282,863	200,842	160,834	138,591	121,971	118,673	134,687	164,661
Commercial Lines Account	8,374	8,146	7,615	4,681	3,121	1,891	1,308	919	738	727	712
Total	1,472,391	1,314,811	1,021,694	661,161	503,865	455,843	440,406	427,397	442,203	542,739	725,942



### Strategic Evaluation Group Risk Assessment Results

- Citizens' top strategic risk for 2021 is the instability of property insurance market.
- Enterprise Risk partnered with the Strategic Evaluation Group (SEG) to perform a scenario risk assessment to identify cross-functional key risks that may impact:
  - Operations and size as a result of market changes and
  - Uncertainty related to timing and quantity of policy fluctuations
- Risk assessment participants included a cross-functional subset of the SEG with representatives from Financial Services, Agency and Market Services, Claims, Consumer & Policy Services and Underwriting departments.
- 15 risks were identified and assessed which provided insights and actions for consideration to addresses such impacts across the organization.
- Risk assessment ratings were estimated using the potential impact or severity level and likelihood of a risk event. Top risks included:
  - 1. Financial impacts to risk and surplus
  - 2. Internal and external resource impacts during rapid rates of change



### Scenario Planning Process

Ensure Operational Resiliency through Scalability and Flexibility to Optimally Serve Customers



This approach enables Citizens to continue normal business operations while mitigating financial and operational impacts related to policy volume fluctuation.

Scenario-based planning prepares Citizens to be ready to respond financially and operationally for all its stakeholders and the citizens of Florida.



### Operational Resiliency Activities and Timeline

- Completed Staffing Model based on 2022 budgeted scenario.
- The Operational Resiliency plan includes 4 scenarios based on varying levels of policies in force for 2022 and 2023 is in progress and will identify:
  - 1. Impacts to staffing, business processes, and technology for all Divisions.
  - 2. Risks and develop mitigation plans.
  - 3. Action plans to address impacts, as appropriate.
- Work is underway to assess the various scenarios' impact to financials, staffing, business processes, and technology.

Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022
Strategic Evaluate Primary Drivers				
		Financial Impact Assessment		
		Staffing & Busi Impact Ass		
			Technology	Validation



### **Scenario Assumptions**

Four scenarios are provided that include the following assumptions

- 1. **1M policies** or 13% market share at 12/31/22
  - Budgeted best estimate of forecast based on current conditions
  - No insurer insolvency or downgrades
- 2. **1.3M policies** or 16% market share at 8/31/23
  - Budgeted best estimate of forecast based on current conditions
  - No insurer insolvency or downgrades
- 3. **2M policies** or 25% market share at 12/31/23
  - Based on upper limit of forecast
  - Insurer insolvencies and downgrade(s) with BIPIP of 300K policies
- 4. **500K policies** or 6% market share at 12/31/23
  - Legislative changes and high volume of depopulation

Each of the above scenarios considers

- 1. A single event CAT 4 hurricane
- 2. Multiple events with two CAT 4 hurricanes



### Category 4 Hurricanes Estimated Claim Counts

#### 1st Storm: Hurricane Irma Pre-Landfall Potential Path

	Scenario 1	Scenario 2	Scenario 3	Scenario 4
	1M Policies	1.3M Policies	2M Policies	500K Policies
PLA	417,347	510,437	785,883	141,460
CLA	1,318	1,363	1,752	1,052
Coastal	171,568	211,371	330,441	136,692
Combined Total	590,234	723,172	1,118,075	279,203



#### 2<sup>nd</sup> Storm: Great Miami Hurricane of 1929

	Scenario 1	Scenario 2	Scenario 3	Scenario 4
	1M Policies	1.3M Policies	2M Policies	500K Policies
PLA	349,907	427,985	658,955	118,030
CLA	1,149	1,188	1,527	912
Coastal	147,008	181,126	283,166	116,561
Combined Total	498,064	610,299	943,647	235,503





## Scenario 1 1M Policies with 13% market share at 12/31/22



## \$18.9B Potential Assessments Resulting from Two Category 4 Storms

(\$ in millions)

	Coastal	CLA	PLA	Total
Policy Count	247,590	698	815,931	1,064,220
Surplus	\$2,933	\$1,904	\$1,654	\$6,492
Additional Claims Paying Resources	\$4,370	\$46	\$4,218	\$8,633

1st Storm: Pre-Landfall	(Estimated Loss \$19.34 B)			
Surplus Remaining	\$0	\$1,728	\$0	\$0
Surplus Exposed	100%	9%	100%	N/A
Assessment	\$4,495	\$0	\$1,453	\$5,947



2 <sup>nd</sup> Storm: Actual Path	(Estimated Loss \$13.09 B)			
Surplus Remaining	\$0	\$1,566	\$0	\$0
Surplus Exposed	100%	9%	100%	N/A
Assessment	\$7,322	\$0	\$5,606	\$12,929





## Financial Results

1M Policies In Force					
Direct Written Premium	\$ 3,001,818,384				
Administrative Expenses	\$ 158,588,016				
Underwriting Expenses	\$ 283,642,470				
Loss/Loss Adjustment Ratio	53.6%				
Expense Ratio	14.7%				



## Scenario 2 1.3M Policies with 16% market share at 8/31/23



## \$24.2B Potential Assessments Resulting from Two Category 4 Storms

(\$ in millions)

	Coastal	CLA	PLA	Total
Policy Count	303,062	691	1,002,072	1,305,825
Surplus	\$2,933	\$1,904	\$1,654	\$6,492
Additional Claims Paying Resources	\$5,349	\$45	\$5,180	\$10,574

1st Storm: Pre-Landfall	(Estimated Loss \$23.66 B)			
Surplus Remaining	\$0	\$1,730	\$0	\$0
Surplus Exposed	100%	9%	100%	N/A
Assessment	\$6,159	\$0	\$2,162	\$8,321



2 <sup>nd</sup> Storm: Actual Path	Great Miami	Hurricane of	1929	(Estimated Loss \$16.01 B)
Surplus Remaining	\$0	\$1,569	\$0	\$0
Surplus Exposed	100%	9%	100%	N/A
Assessment	\$8,963	\$0	\$6,885	\$15,848





## Financial Results

1.3 M Policies In Force					
Direct Written Premium	\$ 3,656,801,107				
Administrative Expenses	\$ 179,081,770				
Underwriting Expenses	\$ 345,531,930				
Loss/Loss Adjustment Ratio	53.6%				
Expense Ratio	14.3%				



## Scenario 3 2M Policies with 25% market share at 12/31/23



## \$39.9B Potential Assessments Resulting from Two Category 4 Storms

#### (\$ in millions)

	Coastal	CLA	PLA	Total
Policy Count	468,127	828	1,552,740	2,021,695
Surplus	\$2,933	\$1,904	\$1,654	\$6,492
Additional Claims Paying Resources	\$8,262	\$54	\$8,027	\$16,343

•	1st Storm: Pre-Landfall	(Estimated Loss \$36.51 B)			
	Surplus Remaining	\$0	\$1,695	\$0	\$0
	Surplus Exposed	100%	11%	100%	N/A
	Assessment	\$11,111	\$0	\$4,259	\$15,369



2 <sup>nd</sup> Storm: Actual Path	(Estimated Loss \$24.71 B)			
Surplus Remaining	\$0	\$1,503	\$0	\$0
Surplus Exposed	100%	11%	100%	N/A
Assessment	\$13,844	\$0	\$10,669	\$24,513





## Financial Results

2 M Policies In Force						
Direct Written Premium	\$ 6,110,809,306					
Administrative Expenses	\$ 243,961,247					
Underwriting Expenses	\$ 577,411,696					
Loss/Loss Adjustment Ratio	53.6%					
Expense Ratio	13.4%					



# Scenario 4 500K Policies with 6% market share at 12/31/23



## \$6.5B Potential Assessments Resulting from Two Category 4 Storms

(\$ in millions)

	Coastal	CLA	PLA	Total
Policy Count	117,643	624	381,733	500,000
Surplus	\$2,933	\$1,904	\$1,654	\$6,492
Additional Claims Paying Resources	\$2,076	\$41	\$1,973	\$4,090

	1st Storm: Pre-Landfal	(Estimated Loss \$9.23 B)			
	Surplus Remaining	\$0	\$1,746	\$201	\$1,351
	Surplus Exposed	100%	8%	88%	N/A
	Assessment	\$596	\$0	\$0	\$596



2 <sup>nd</sup> Storm: Actual Path	(Estimated Loss \$6.25 B)			
Surplus Remaining	\$0	\$1,602	\$0	\$0
Surplus Exposed	100%	8%	100%	N/A
Assessment	\$3,479	\$0	\$2,422	\$5,901





## Financial Results

500K Policies In Force						
Direct Written Premium	\$ 1,410,337,329					
Administrative Expenses	\$ 130,000,000					
Underwriting Expenses	\$ 133,263,080					
Loss/Loss Adjustment Ratio	53.6%					
Expense Ratio	18.7%					



## Summary of Scenarios

Scenario	1	2	3	4
Policies In Force	1 M	1.3 M	2 M	500 K
Direct Written Premium	\$3.0 B	\$3.7 B	\$6.1 B	\$1.4 B
Administrative Expenses	\$158.6 M	\$179.1 M	\$244.0 M	\$130.0 M
Underwriting Expenses	\$158.6 M	\$179.1 M	\$244.0 M	\$130.0 M
Loss/Loss Adjustment Ratio	53.6%	53.6%	53.6%	53.6%
Expense Ratio	14.7%	14.3%	13.4%	18.7%
1 <sup>st</sup> Hurricane Estimated Claim Count	590 K	723 K	1,118 K	279 K
2 <sup>nd</sup> Hurricane Estimated Claim Count	498 K	610 K	944 K	235 K
Category 4 Hurricane Potential Assessment	\$5.9 B	\$8.3 B	\$15.4 B	\$0.6 B
Two Category 4 Hurricanes Potential Assessment	\$18.9 B	\$24.2 B	\$39.9 B	\$6.5 B



### Summary of Implications and Next Steps

- Levy assessments when a deficit occurs.
- Evaluate the need for post-event financing.
- Continue pursuing reinsurance to protect against future assessments.
- Continue maintaining relationships with current vendor partners and look to develop new relationships.
- Complete Operational Resiliency activities (outlined on Slide 4).

