

### State of the Florida Homeowners Market: What A Long, Strange Trip

FINREP FL

October 24, 2023

Arthur R. Randolph II, FCAS, MAAA, CPCU, ARM, ARe

Principal & Consulting Actuary

James B. Wencil, ACAS, MAAA Consulting Actuary

### Agenda

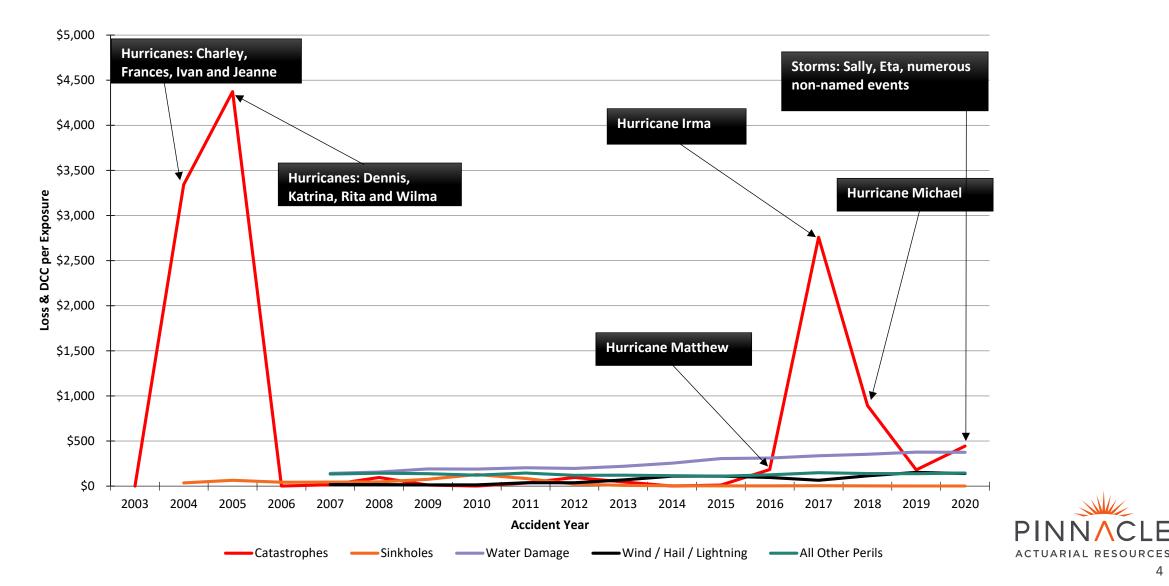
- Fundamental Questions over Time
- Financial Results
  - Balance Sheet
  - Traditional Insurance Risks
  - Profitability
- Florida vs Other States
  - Loss Development Characteristics
  - Underwriting Performance
- Insolvencies: Impact on Other States



## **Fundamental Questions over Time**

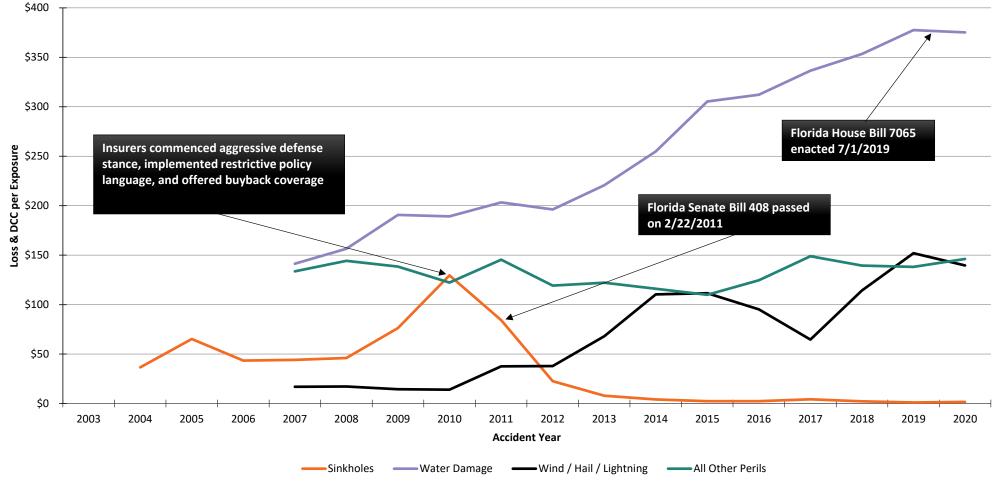


### Yesterday's Question: Loss Costs...How High?



#### Yesterday's Question: Loss Costs...How High?

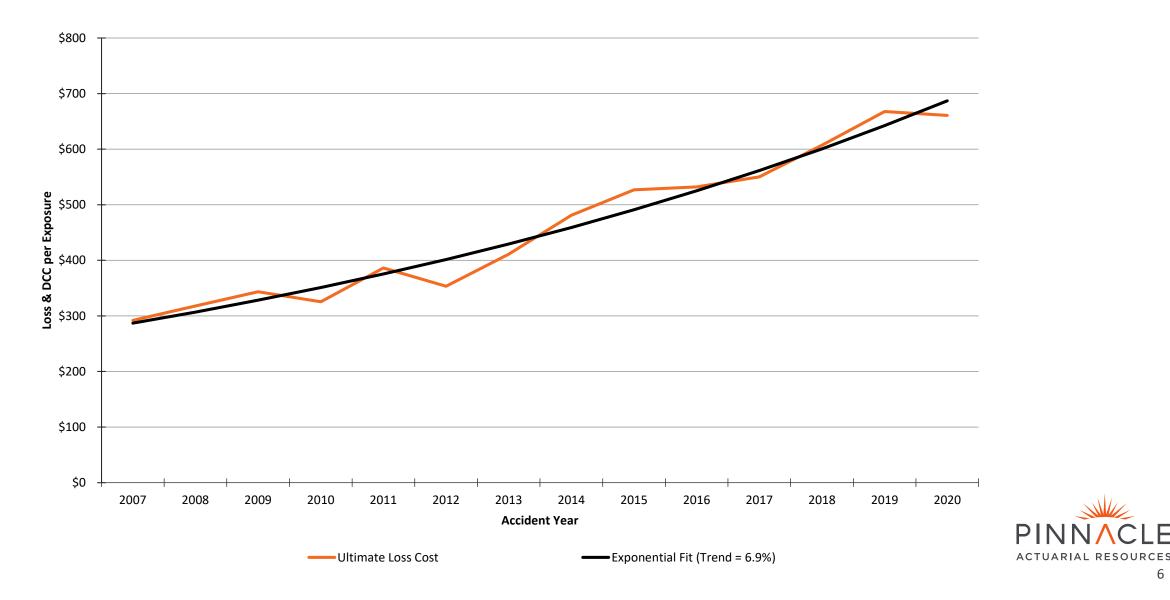
**2022 Claim count distribution**: WD = 63.0% | WHL = 18.5% | AOP = 18.5%



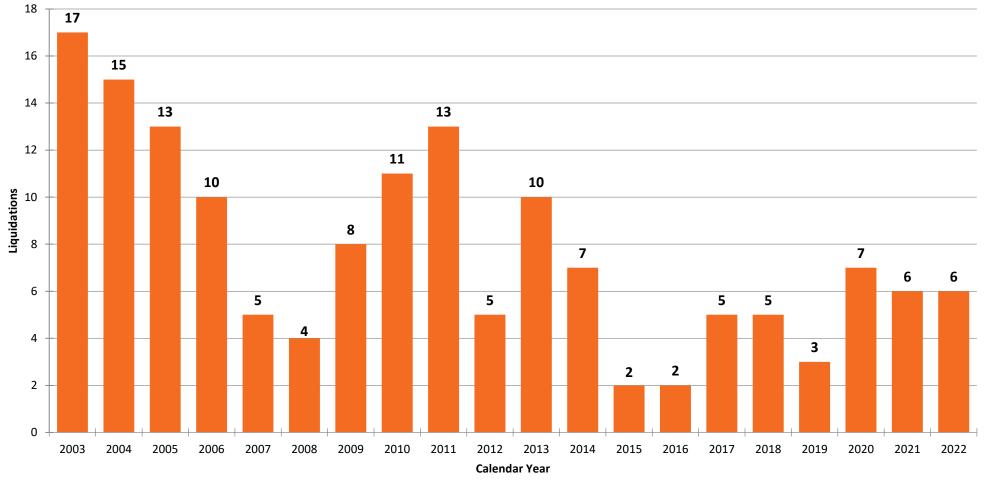


Yesterday's Question: Loss Costs...How High?

**Excludes catastrophe and** sinkhole historical experience



### Today's Question: Insolvencies...How Many?



PINNÁCLE ACTUARIAL RESOURCES

Source: FIGA 2022 Annual Report

## **Financial Results**



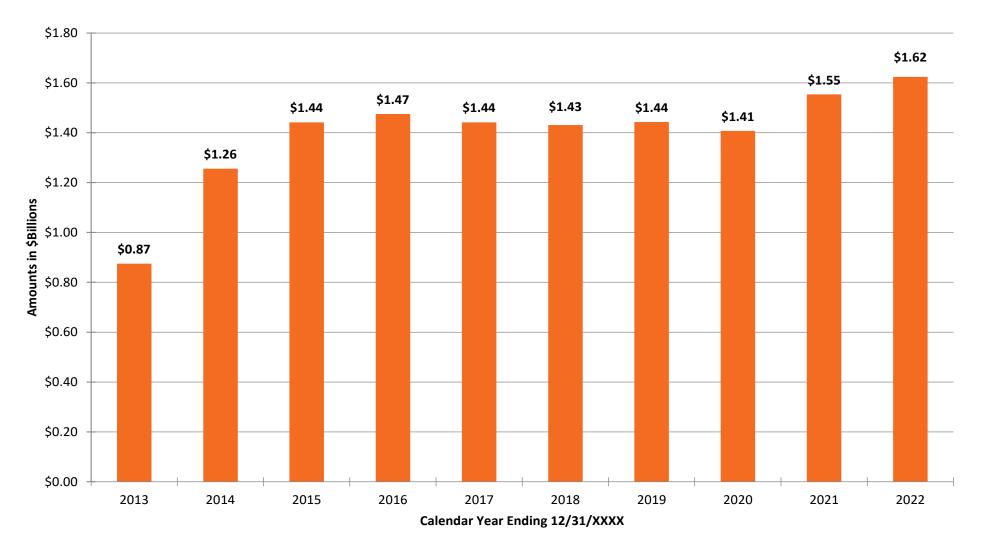
### **Balance Sheet**

- Calendar years 2013 through 2022
- Presented for select Florida-domiciled homeowners insurance companies
  - Excludes national carriers and affiliates
  - Majority of premium associated with FL HMP annual statement line
  - Generally, more than 10 years of experience for the group
  - Filed annual statements for 2022



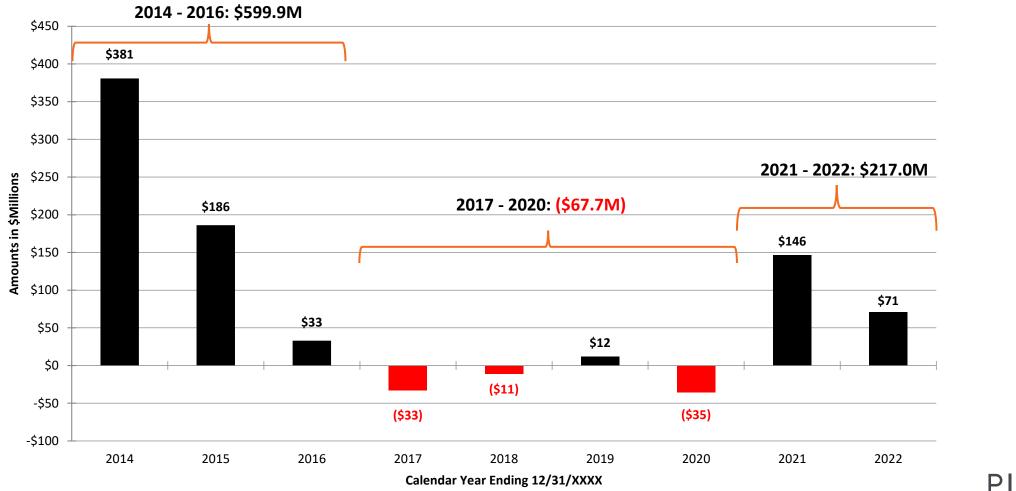


### **Surplus**



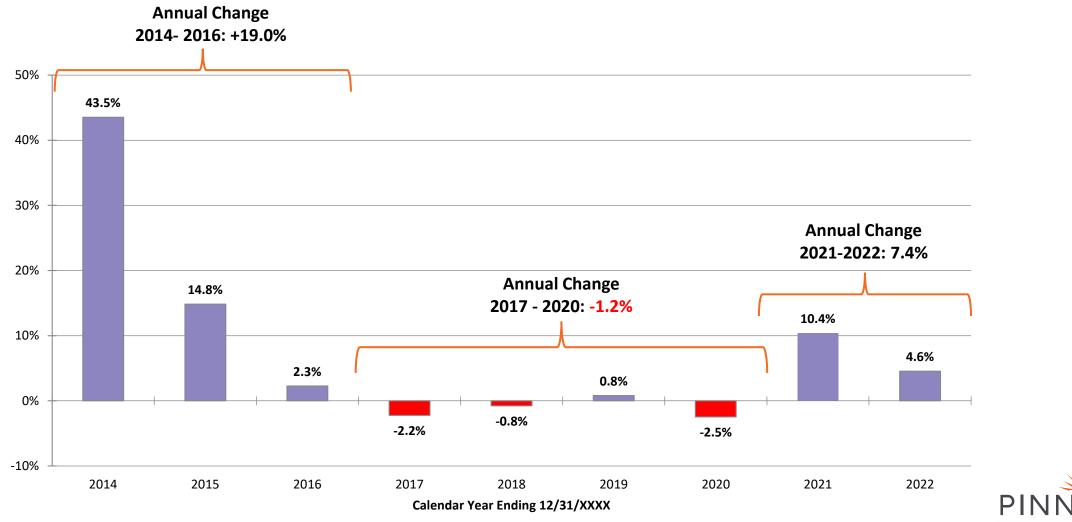


### **Change in Surplus**





### **Change in Surplus**



ACTUARIAL RESOURCES

F

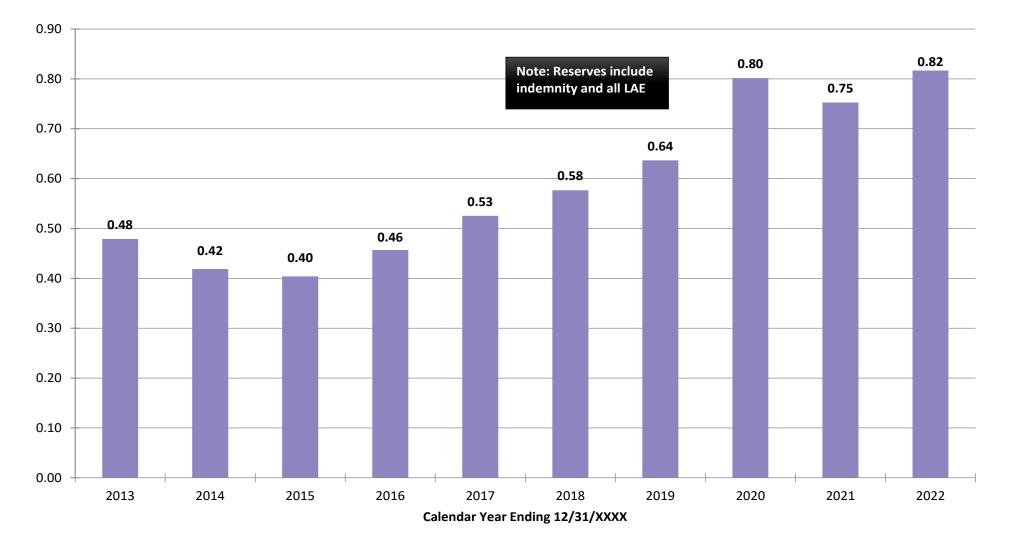
### **Traditional Insurance Risks**

- Reserve Risk
- Pricing Risk
- Investment Risk
- Reinsurance Risk



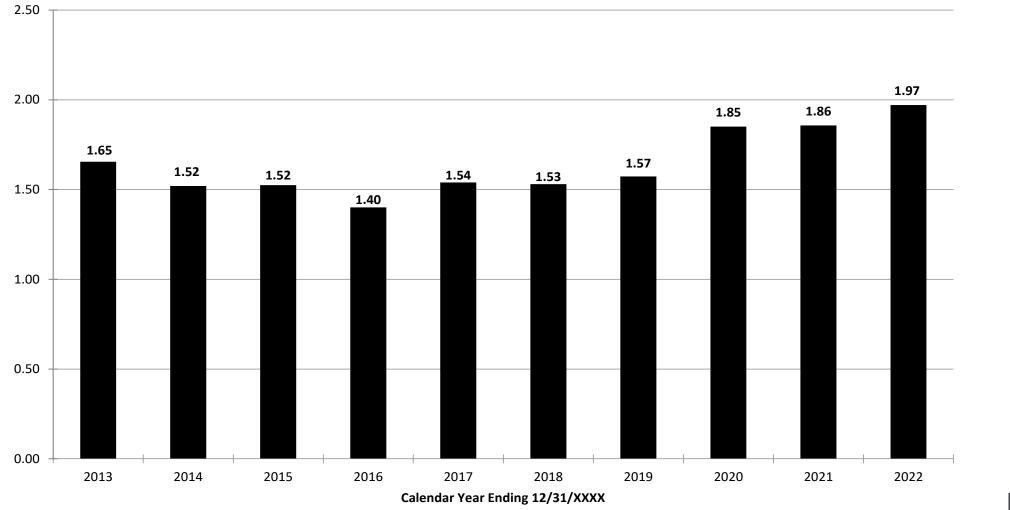


#### **Net Reserves to Surplus**



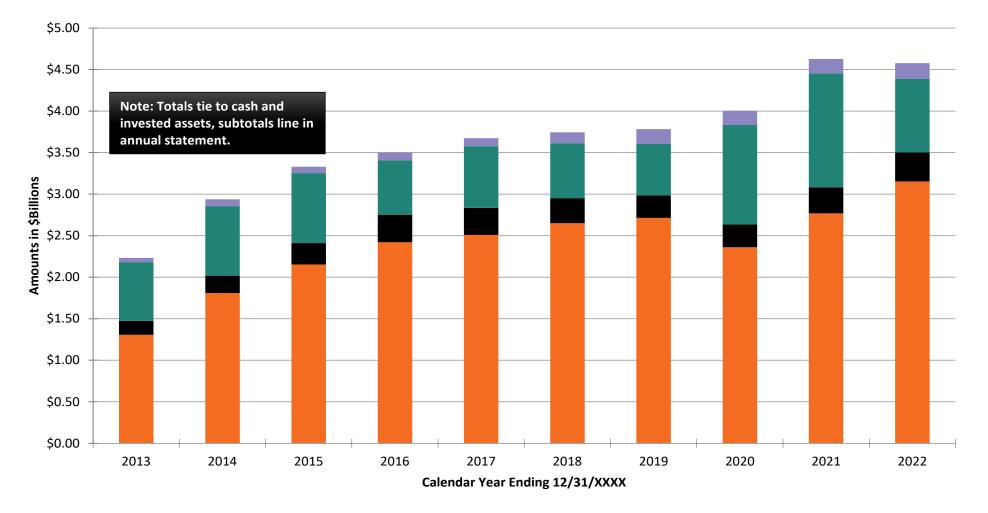


### **Net Written Premium to Surplus**





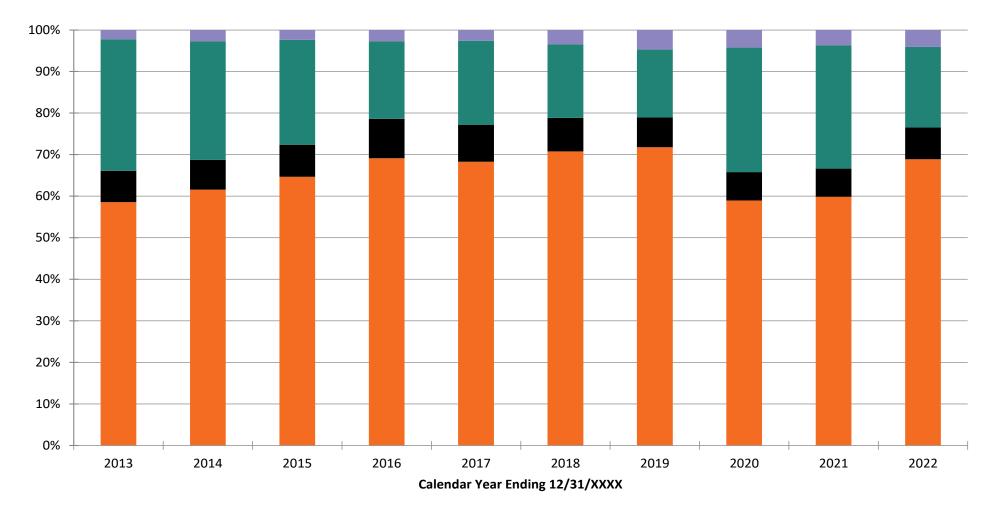
### **Net Admitted Assets by Class**



■ Bonds ■ Equities ■ Cash & Short Term ■ Other



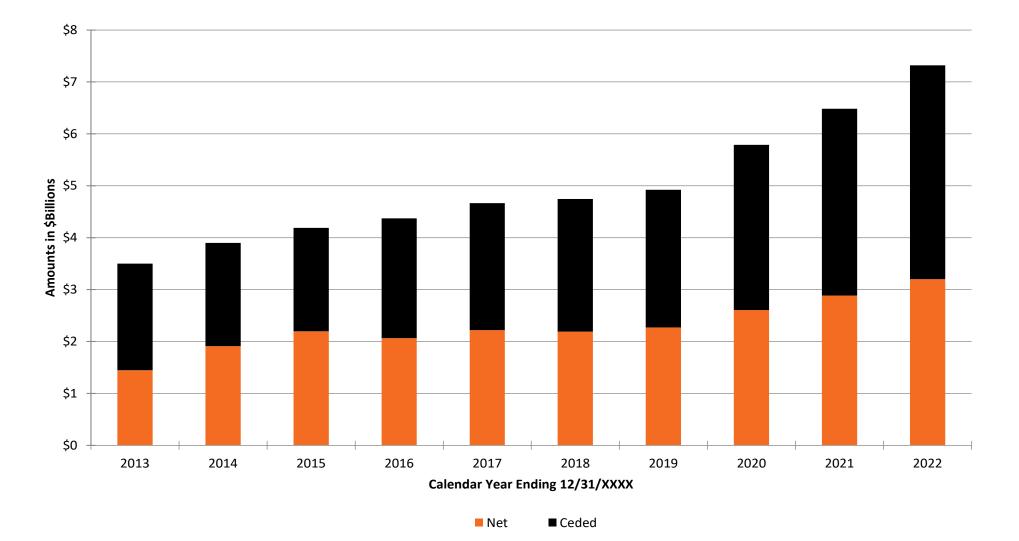
#### **Net Admitted Assets by Class**



■ Bonds ■ Equities ■ Cash & Short Term ■ Other

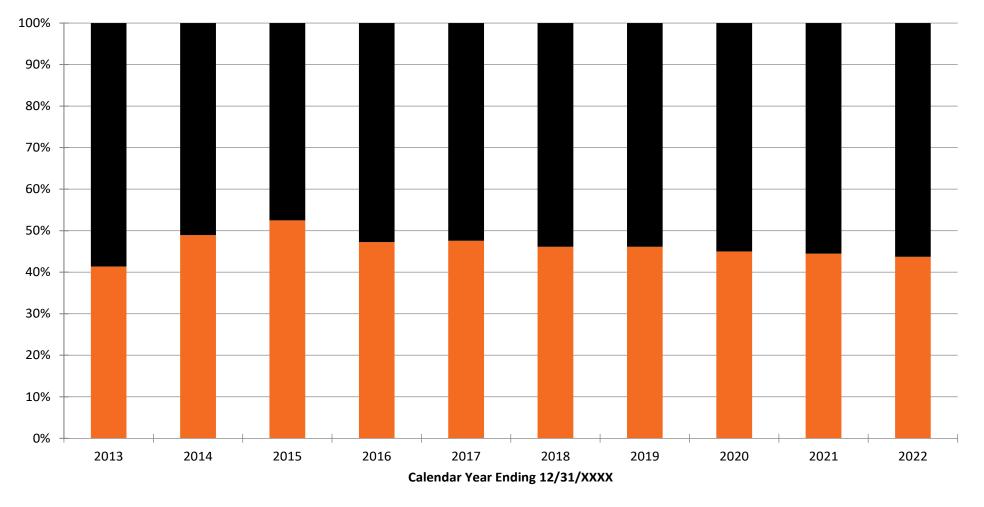


### **Gross Written Premium by Component**



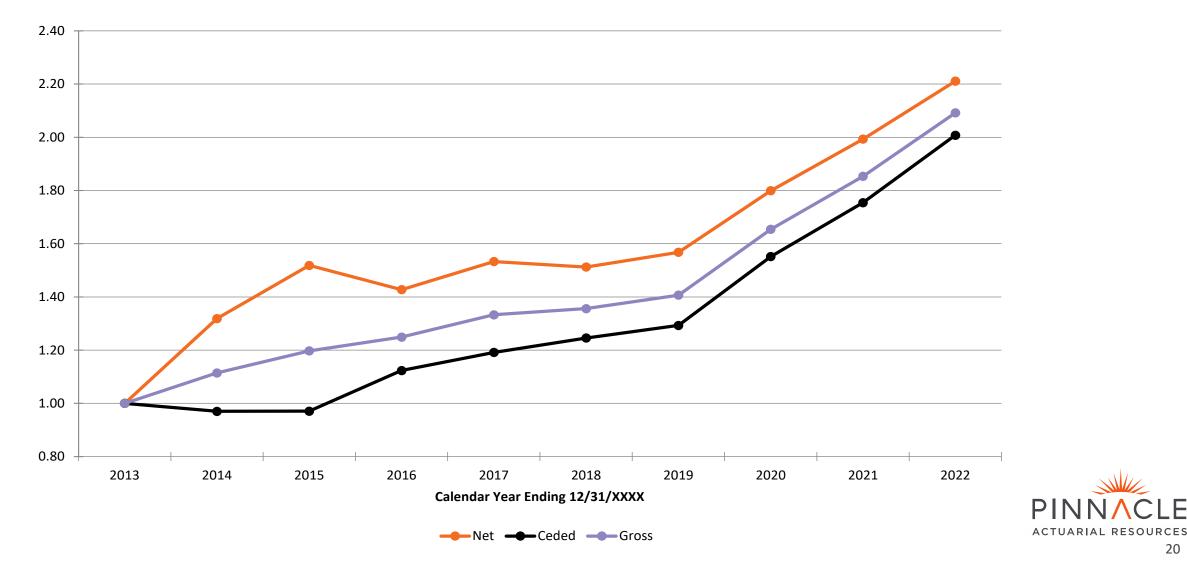


### **Gross Written Premium Allocation**





### **Gross Written Premium by Component: Indexed to 2013**



## Profitability

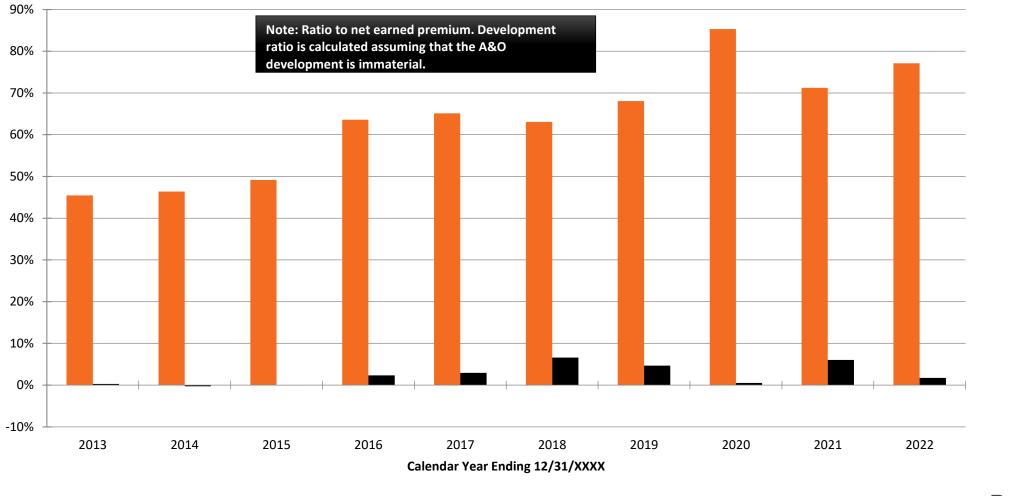
On a calendar year basis, measured by two key ratios:

#### Combined Ratio = Losses + U/W Expenses + PH Dividends Premium

Operating Ratio = Losses + U/W Expenses + PH Dividends - Investment Gain Premium



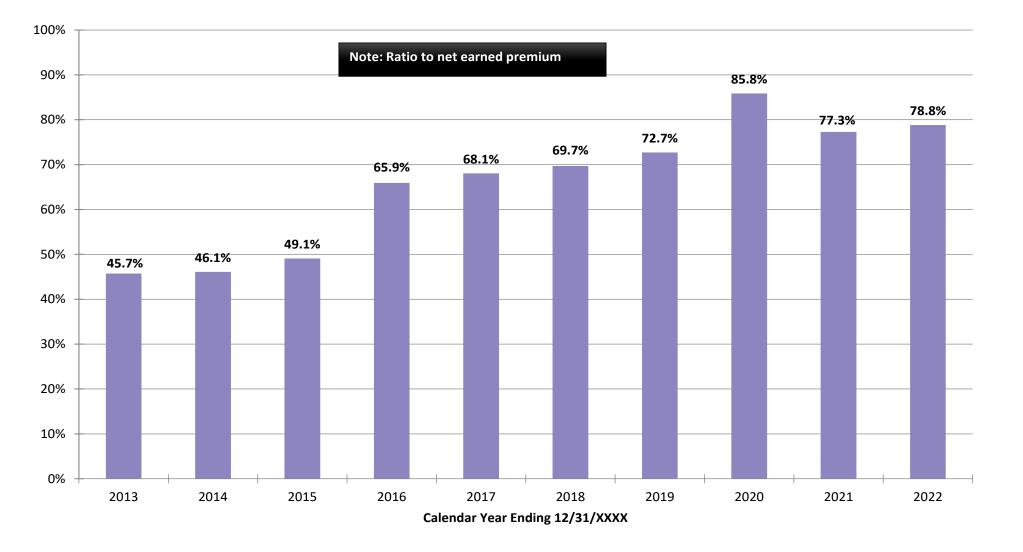
### **Calendar Year Net Loss & LAE Ratio**



■ Initial Accident Year Ratio ■ One-Year Development Ratio

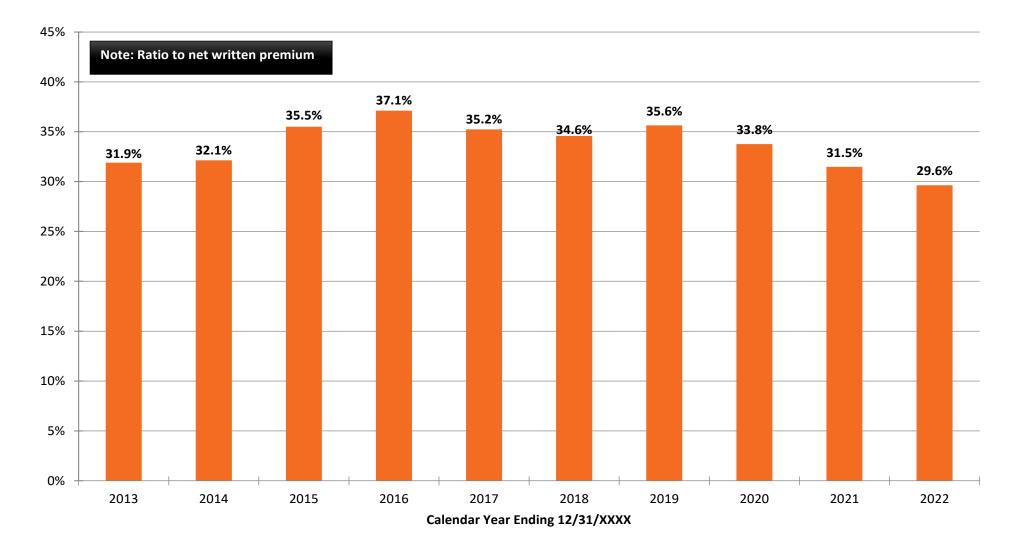


### **Calendar Year Net Loss & LAE Ratio**



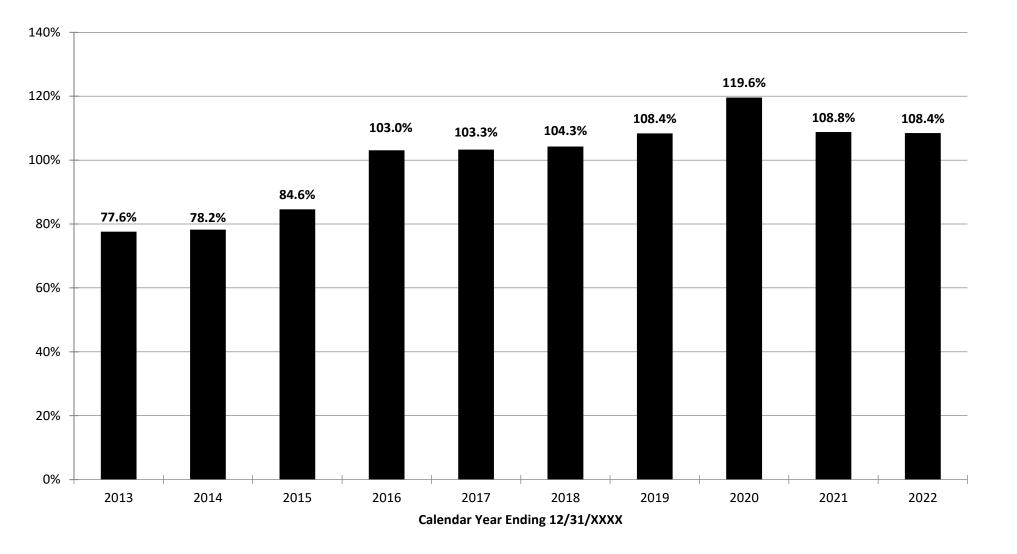


### **Underwriting Expense Ratio**



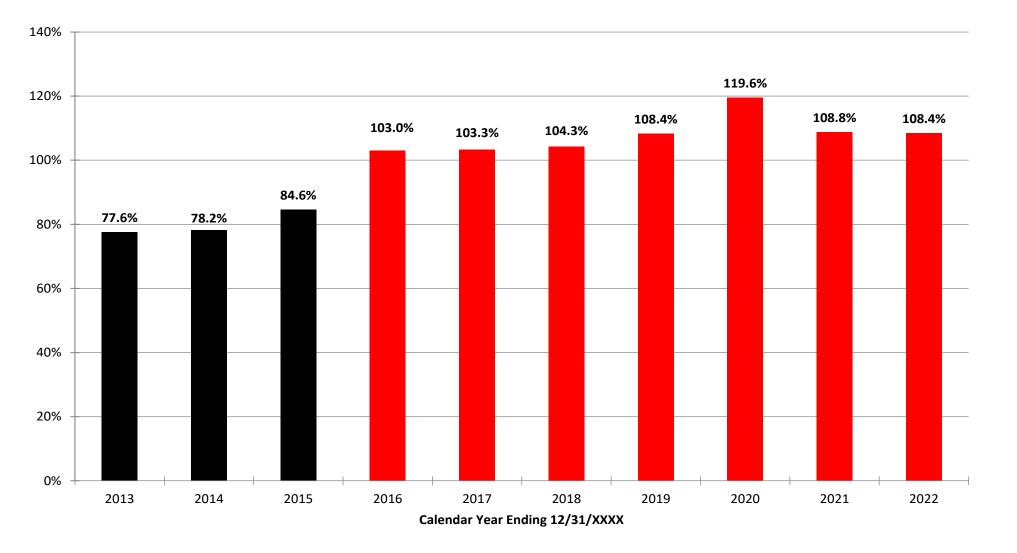


### Loss & LAE Ratio + Underwriting Expense Ratio



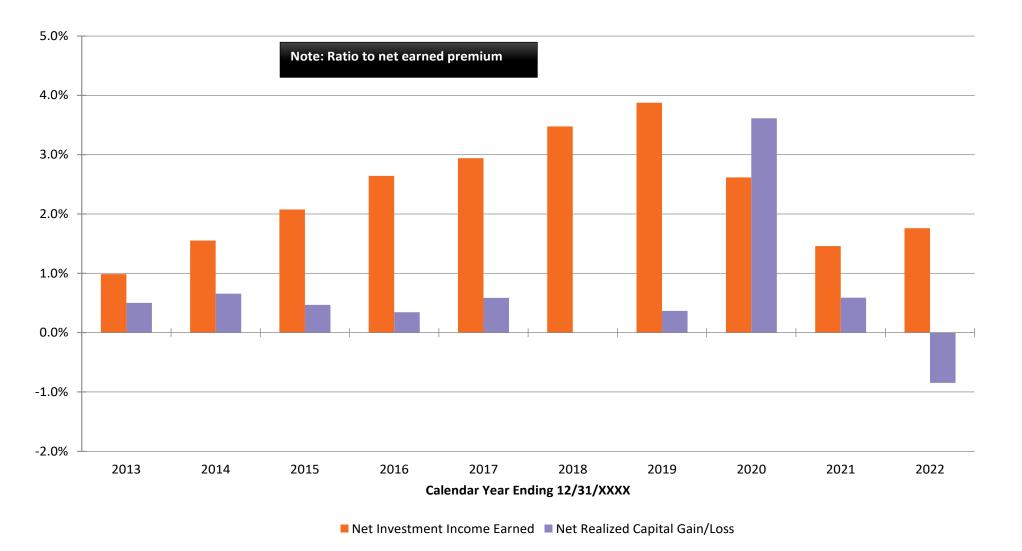


### **Combined Ratio**



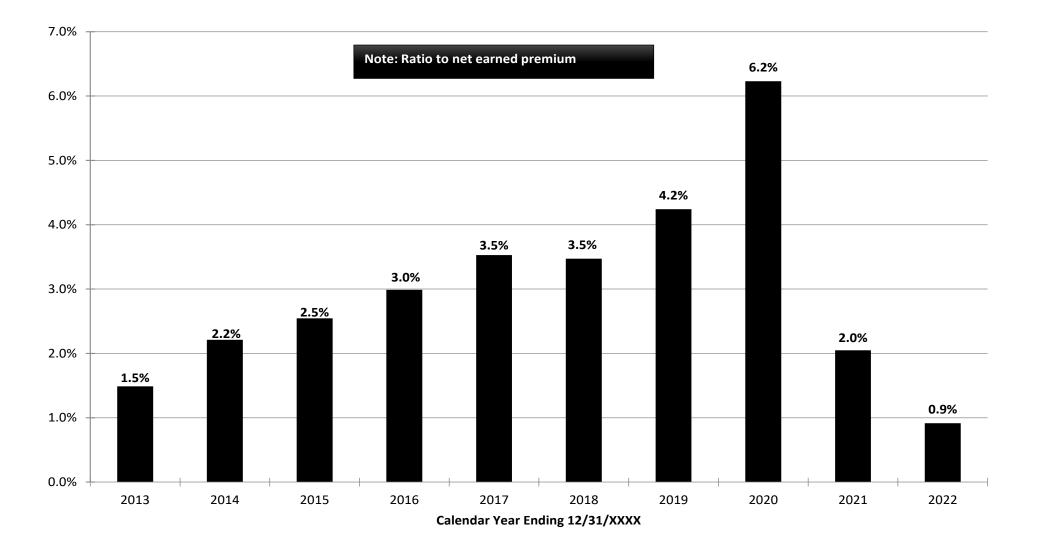


### **Investment Gain**



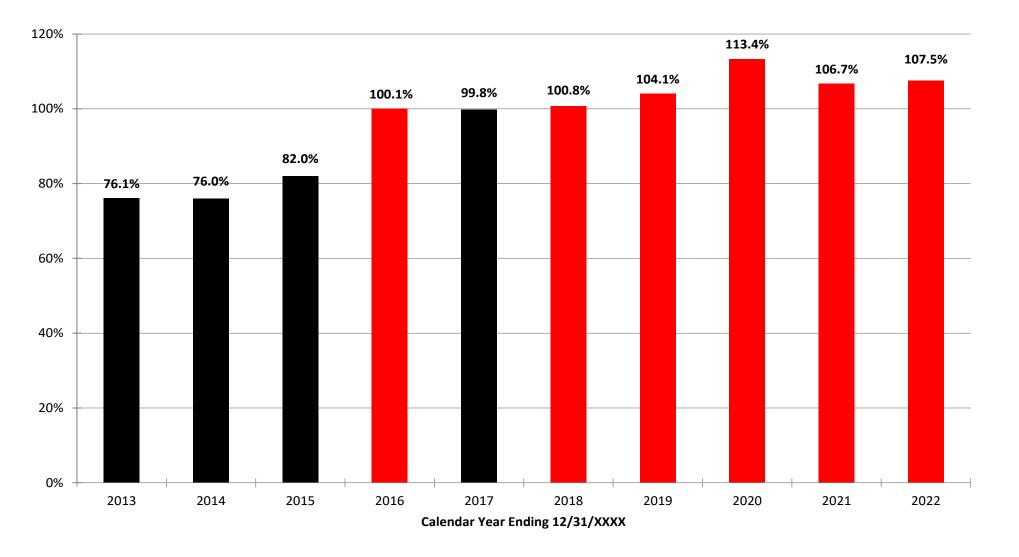


#### **Investment Gain**



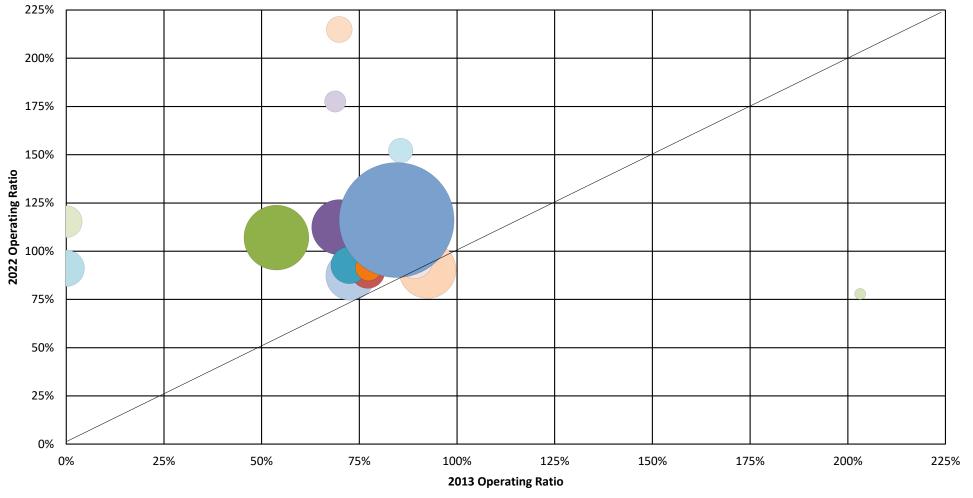


### **Operating Ratio = Combined Ratio - Investment Gain**



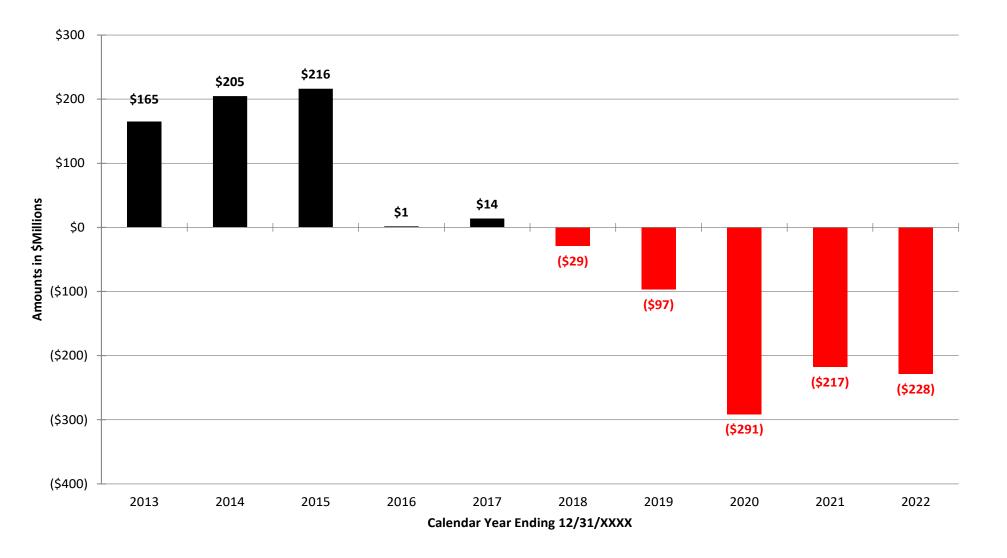


### **Operating Ratio**



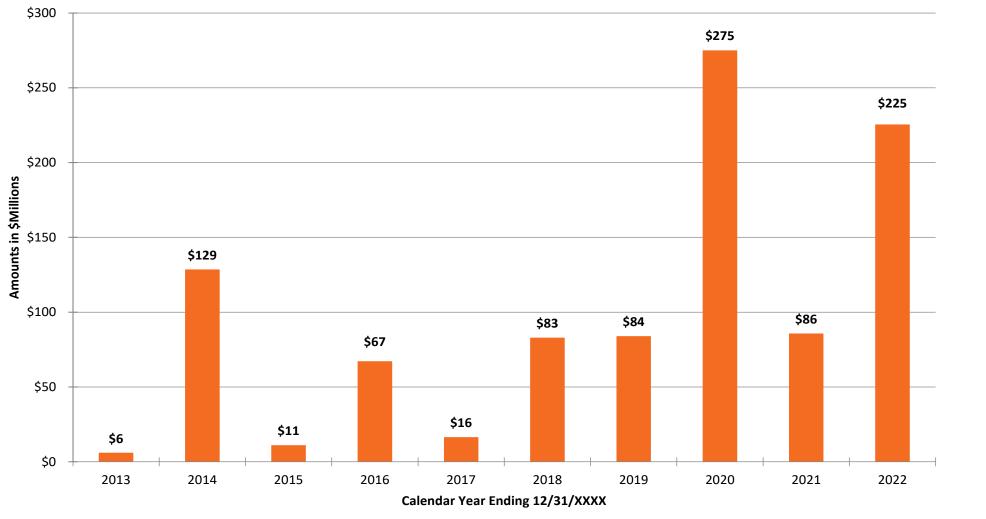


### Net Income or (Loss)



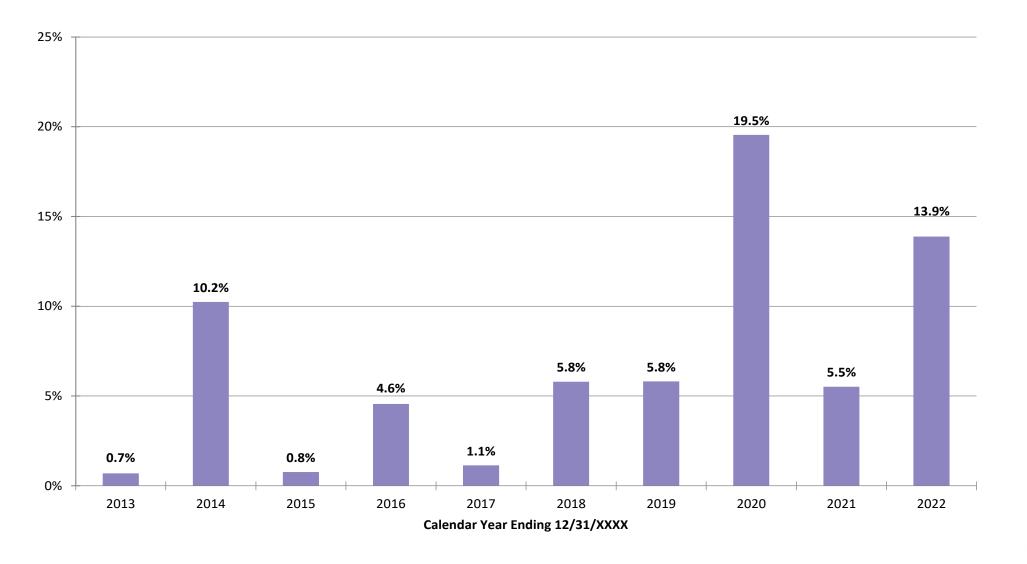


### **Paid-In Surplus**





### **Ratio of Paid-In Surplus to Total Surplus**



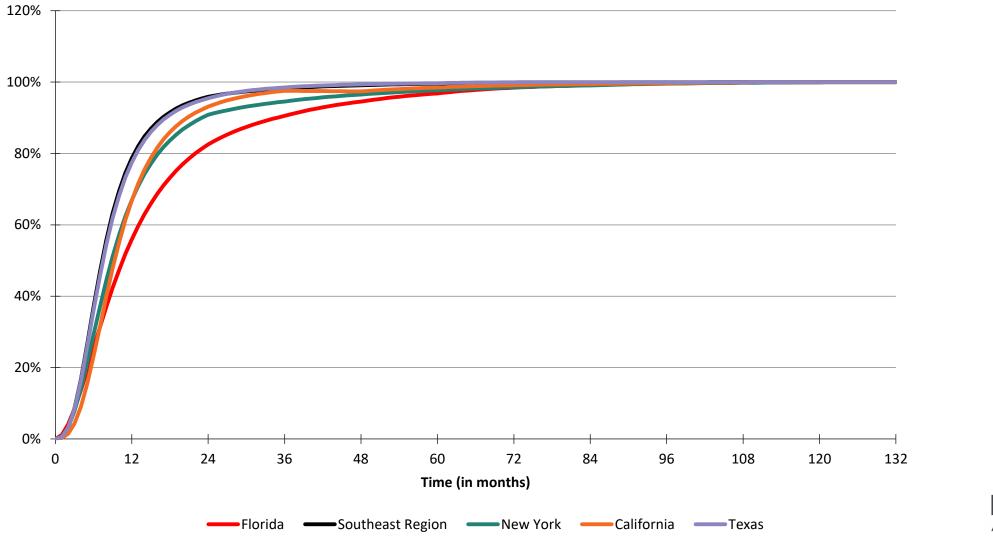


Florida: represented by 19 domestics contained in *Financial Results* section

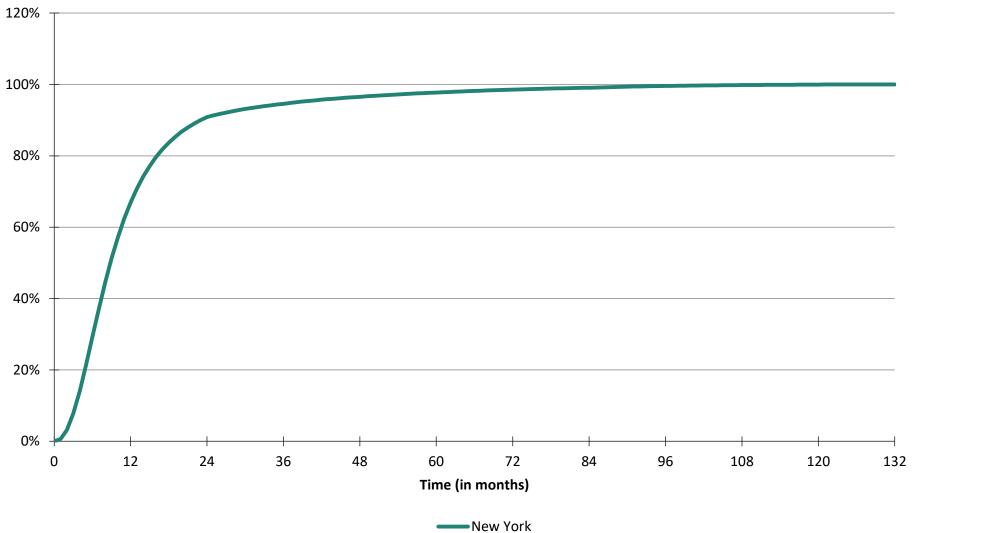
# Florida vs Other States: Loss Development Characteristics



### Paid Loss & DCC Development Pattern

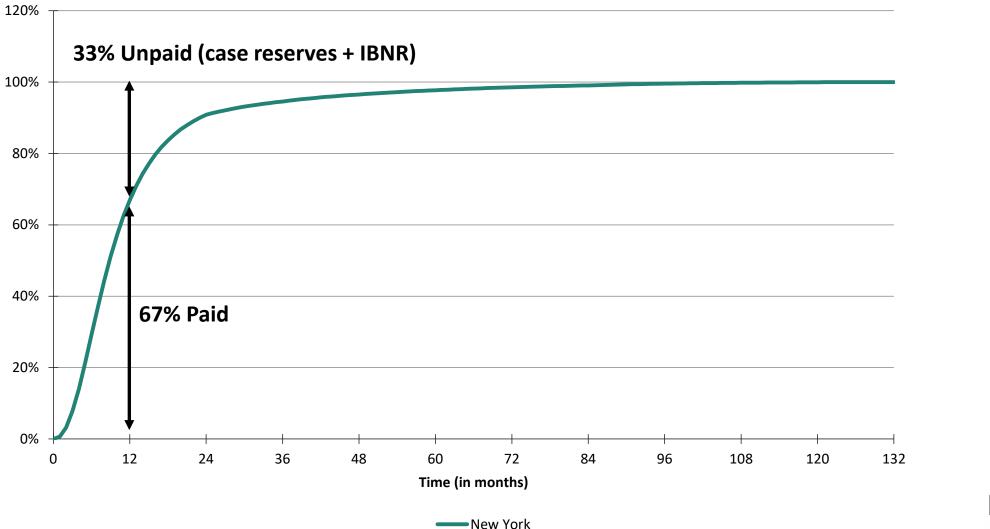


### Paid Loss & DCC Development Pattern



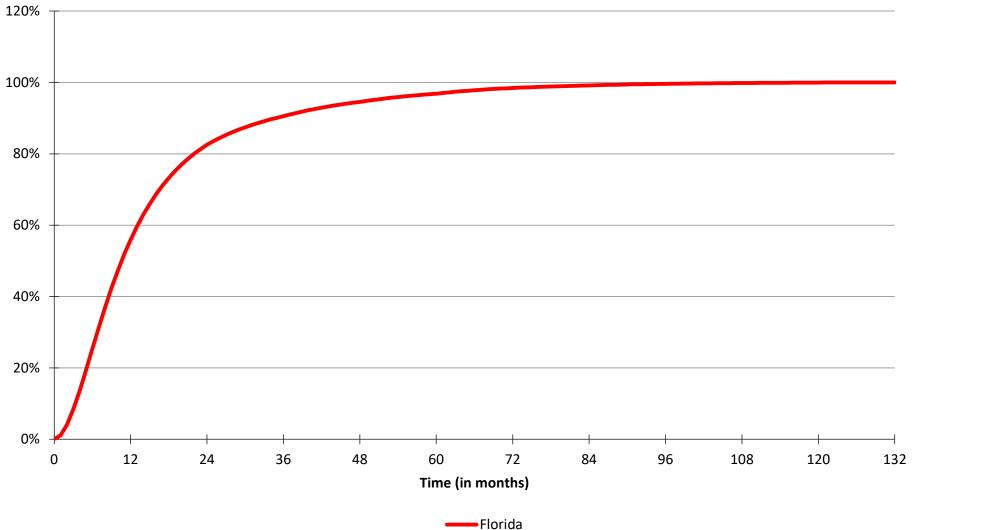


## Paid Loss & DCC Development Pattern

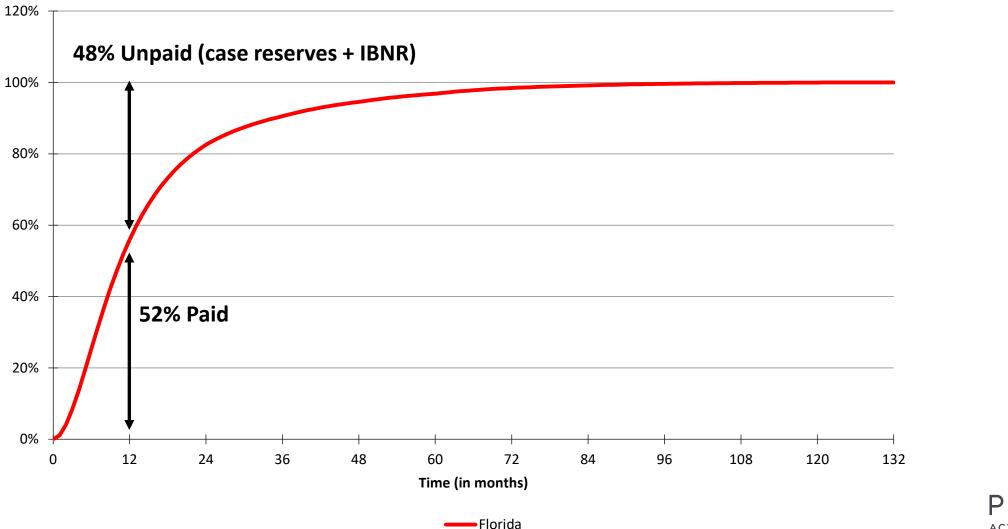


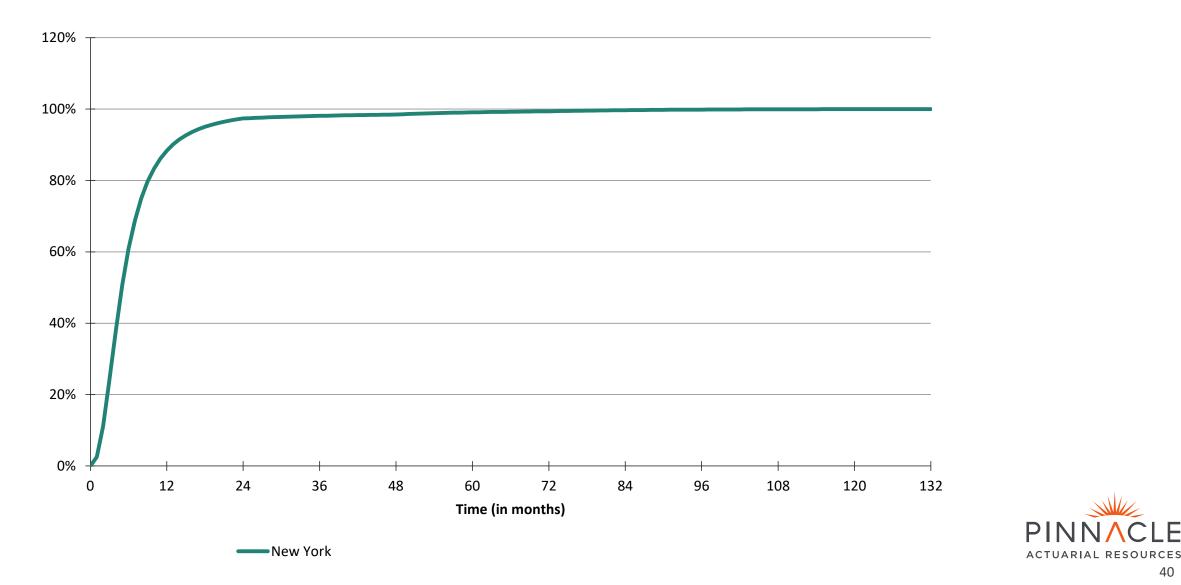


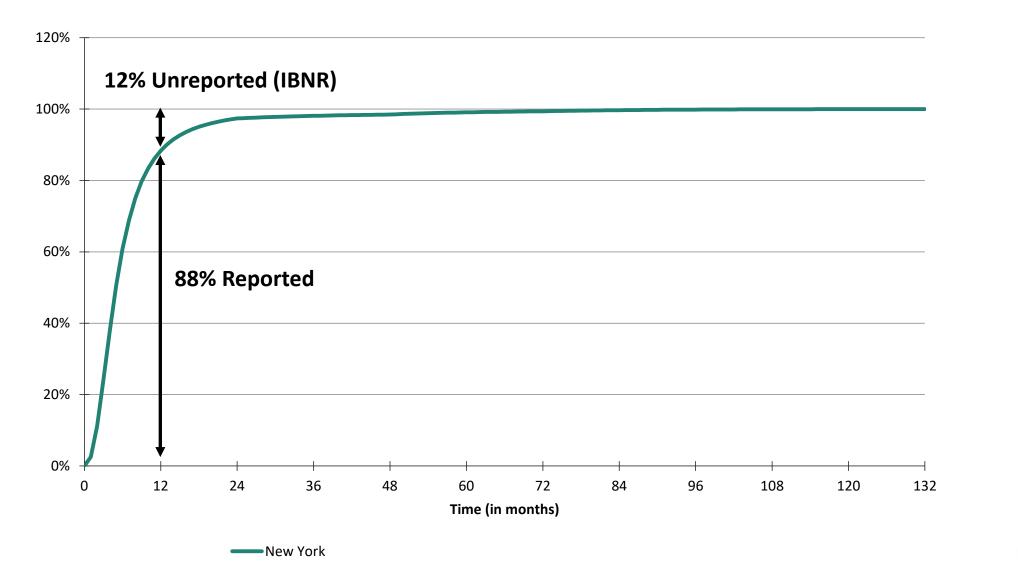
#### Paid Loss & DCC Development Pattern

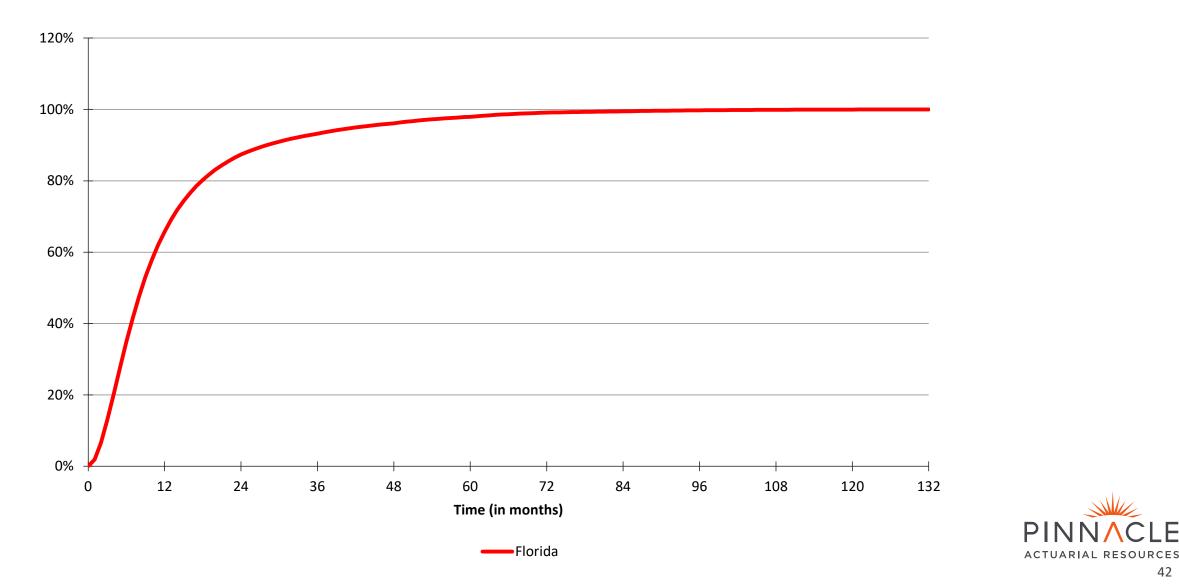


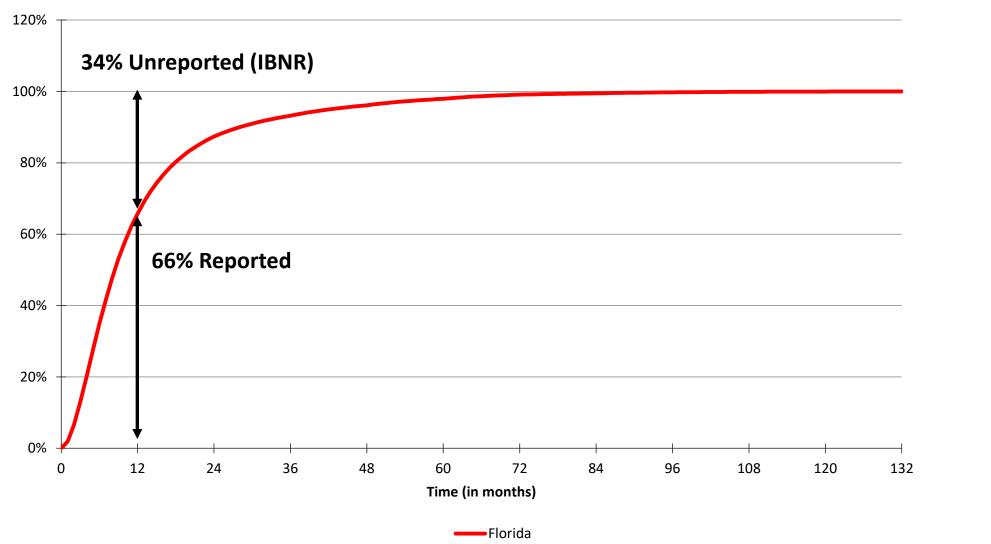
## Paid Loss & DCC Development Pattern



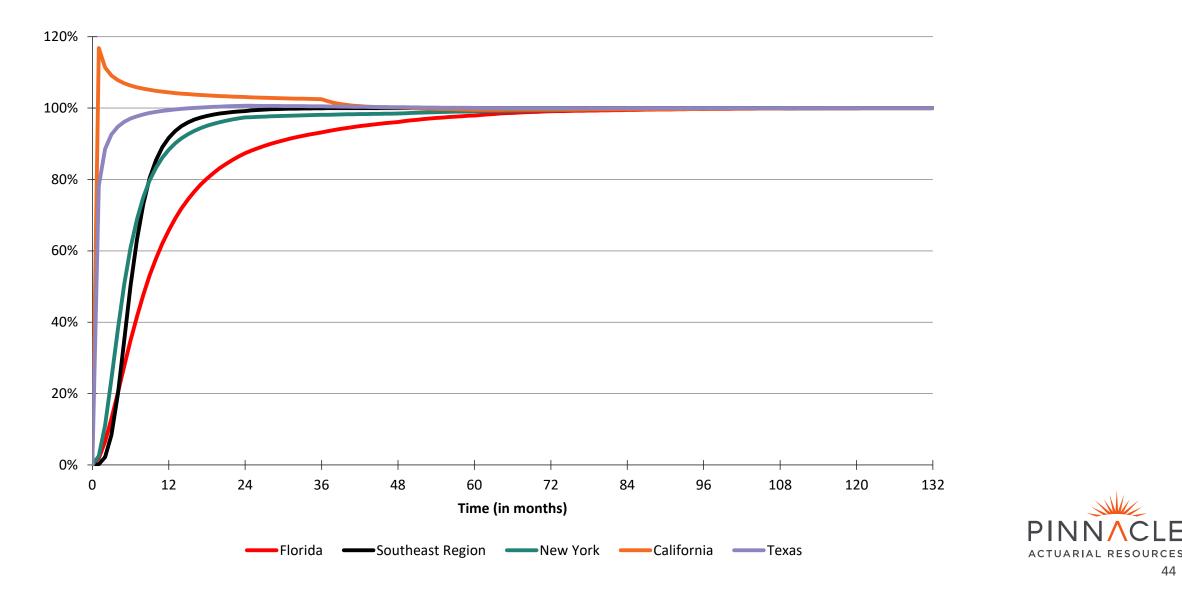




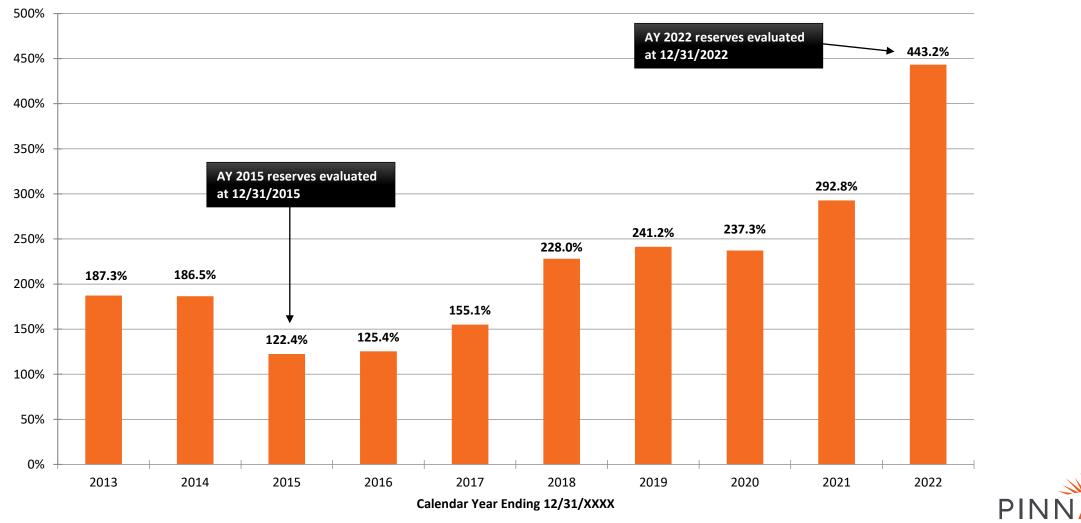






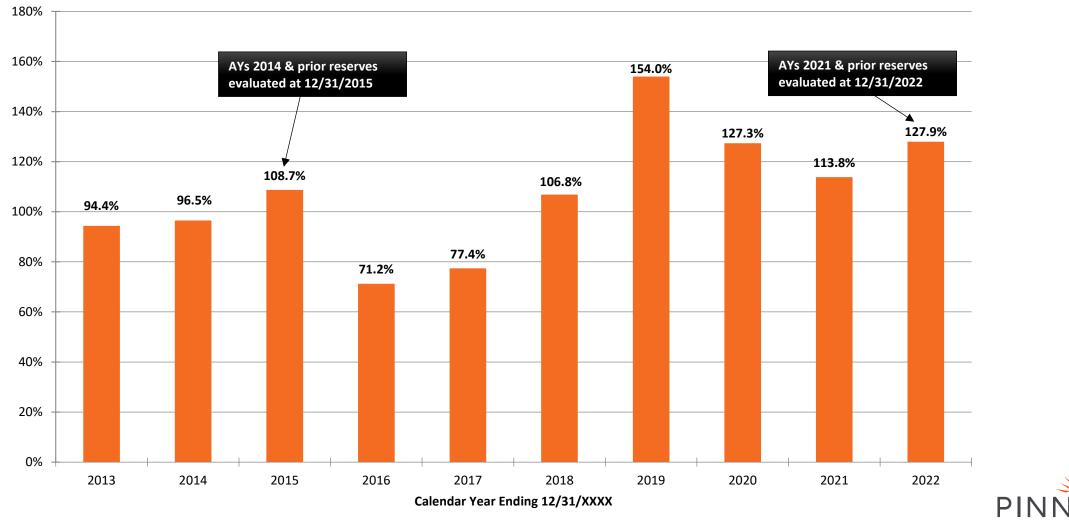


#### **IBNR-to-Case Ratio: Initial Accident Year**



ACTUARIAL RESOURCES

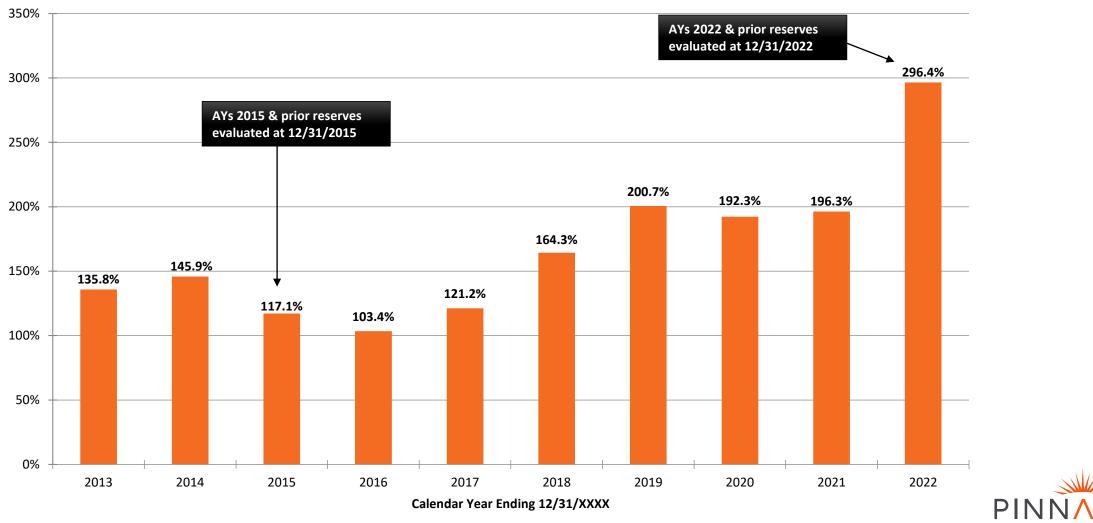
#### **IBNR-to-Case Ratio: Prior Accident Years**



ACTUARIAL RESOURCES

ΙF

#### **IBNR-to-Case Ratio: Calendar Year**



ACTUARIAL RESOURCES

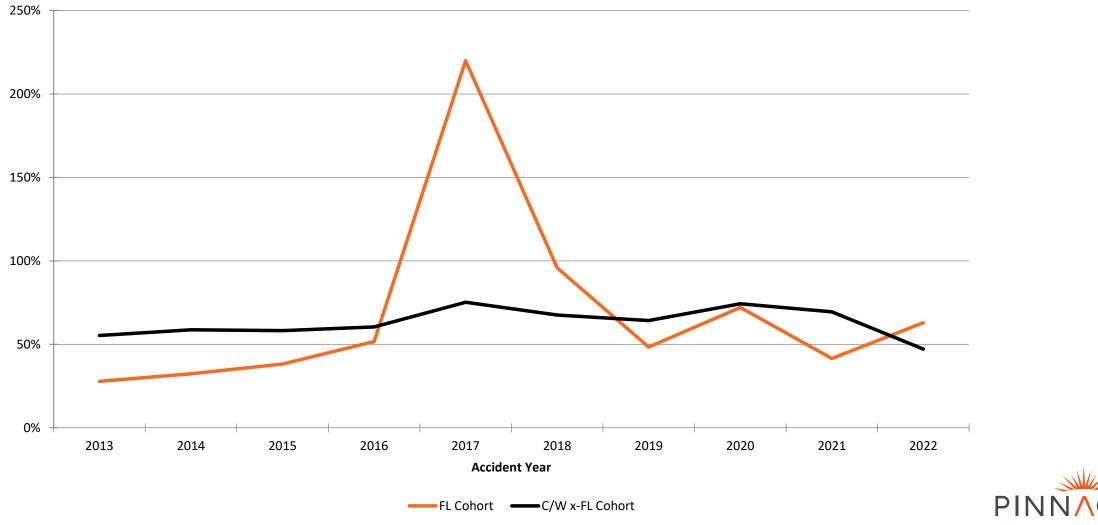
I F

Florida: represented by 19 domestics contained in *Financial Results* section Other States: represented by all other HO writers including those in FL (excluding 19 domestics)

# Florida vs Other States: Underwriting Performance

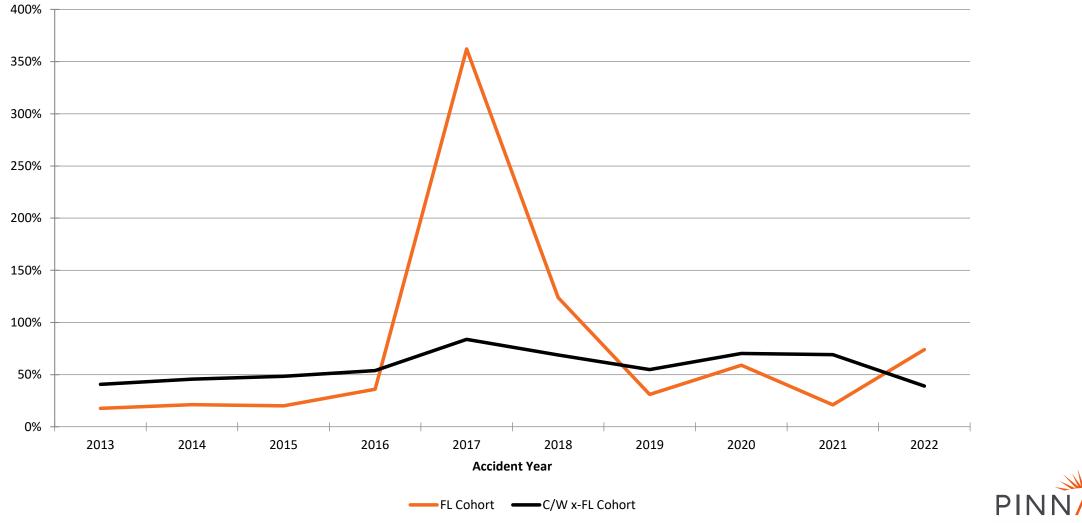


#### **Gross Loss & LAE Ratio**



ACTUARIAL RESOURCES

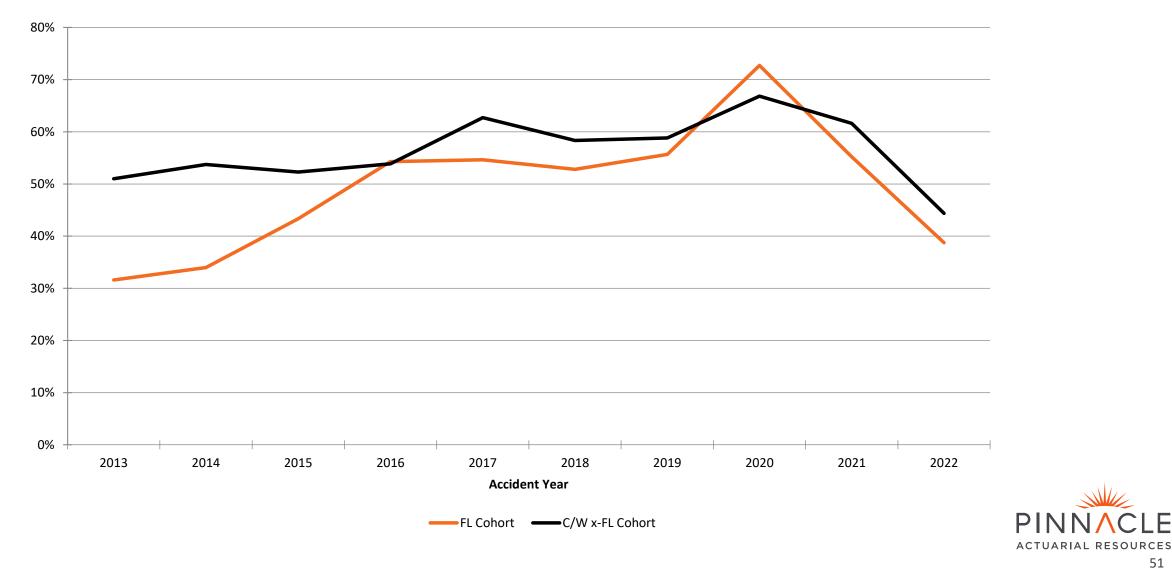
#### **Ceded Loss & LAE Ratio**



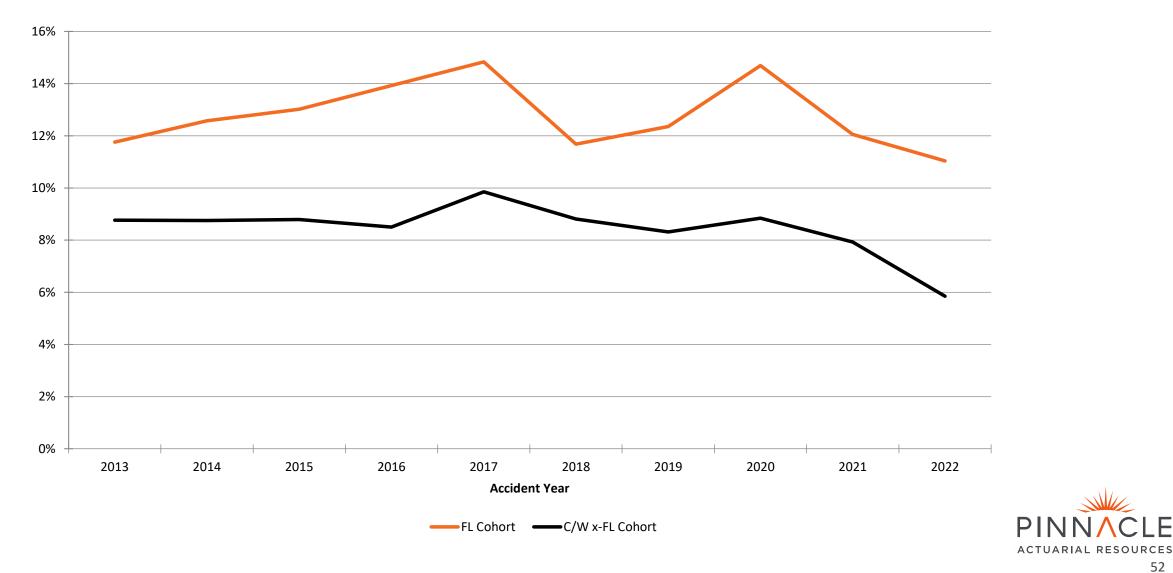
ACTUARIAL RESOURCES

I F

#### **Net Loss Ratio**

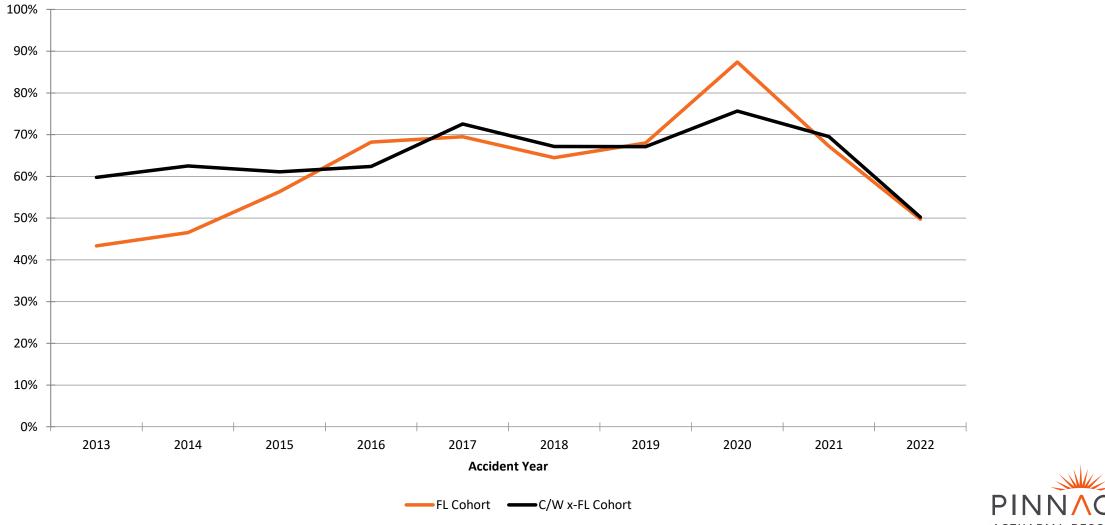


#### **Net LAE Ratio**



52

#### **Net Loss & LAE Ratio**

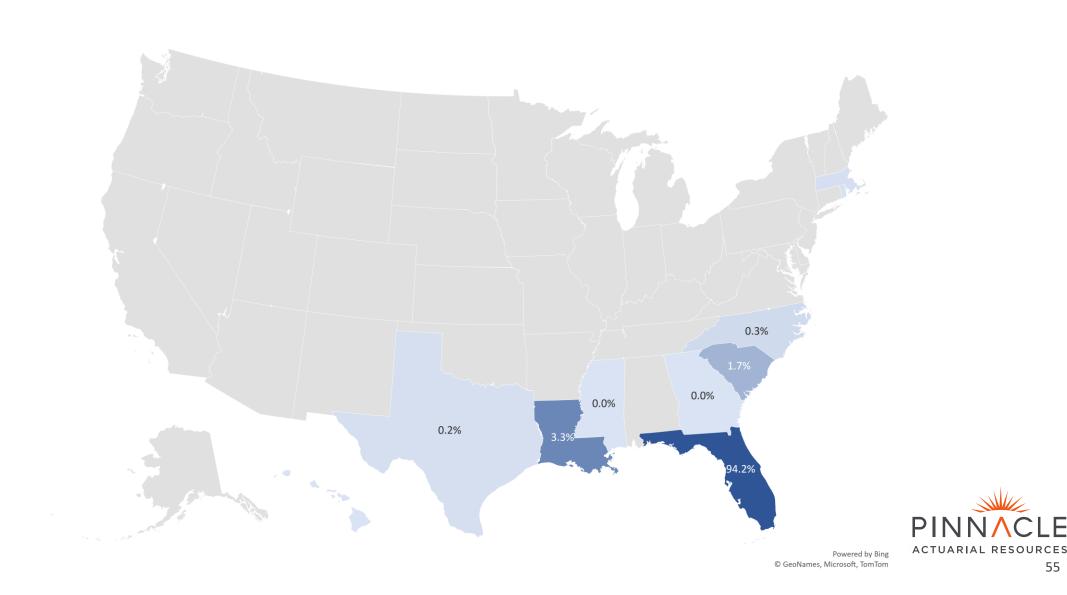


ACTUARIAL RESOURCES

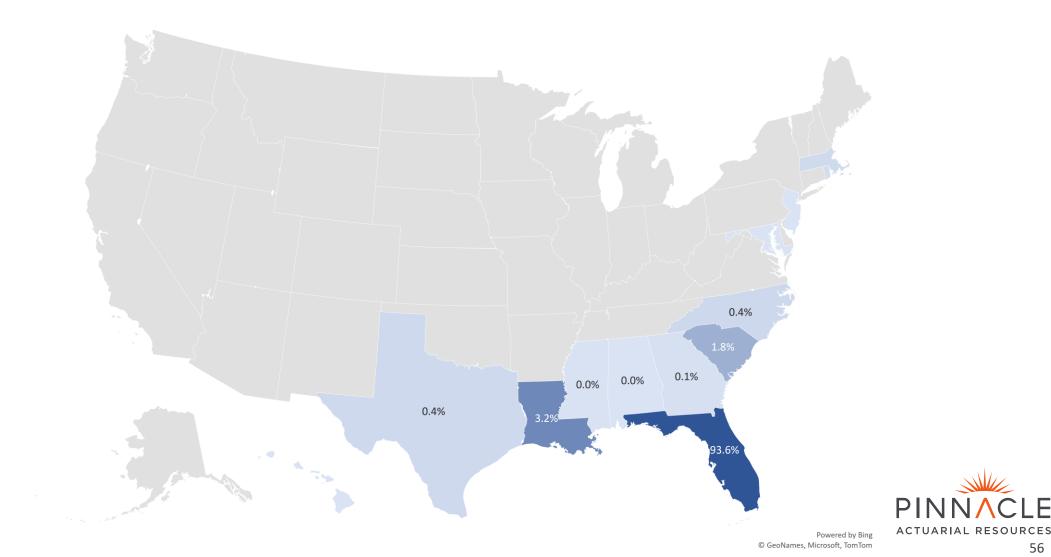
# Insolvencies: Impact on Other States



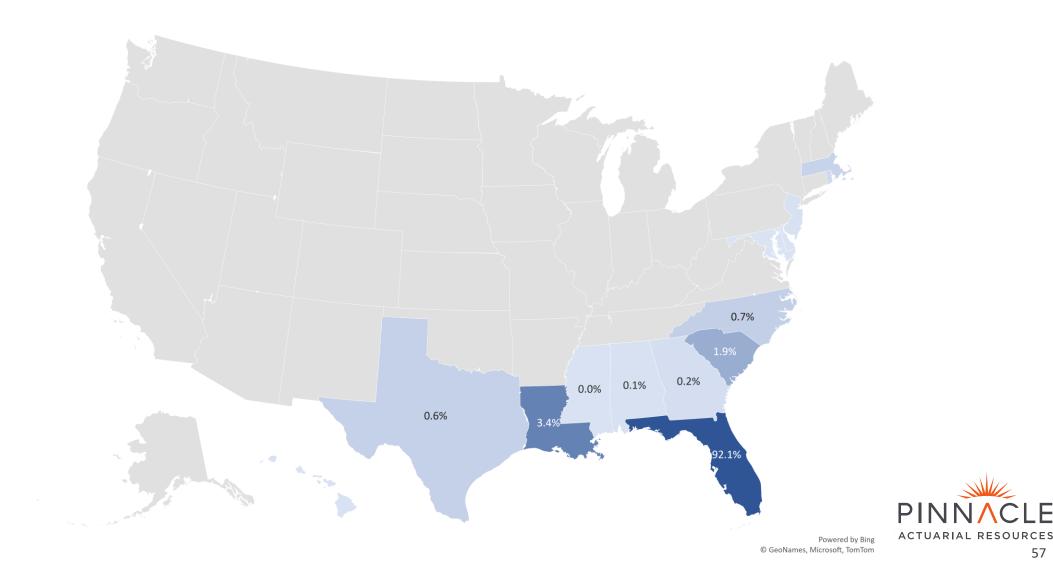
# **Geographic Diversification: 2012 DWP Distribution**



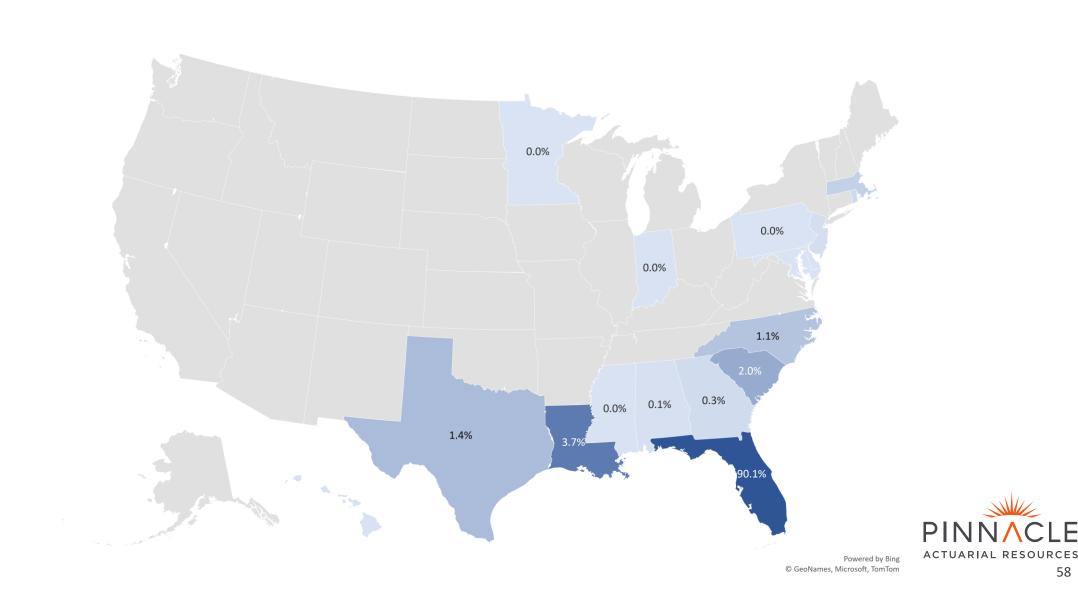
## **Geographic Diversification: 2013 DWP Distribution**



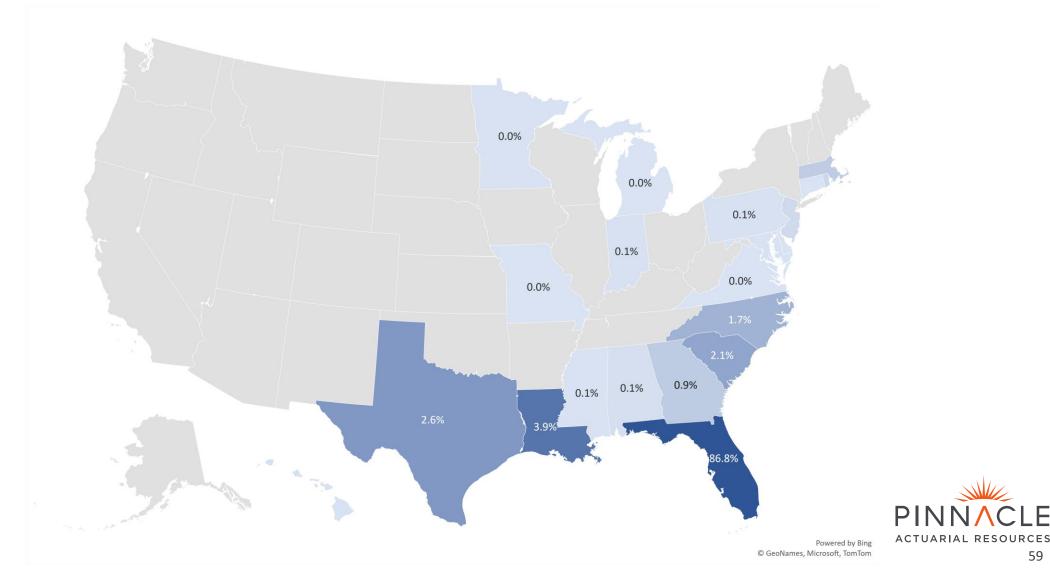
# **Geographic Diversification: 2014 DWP Distribution**



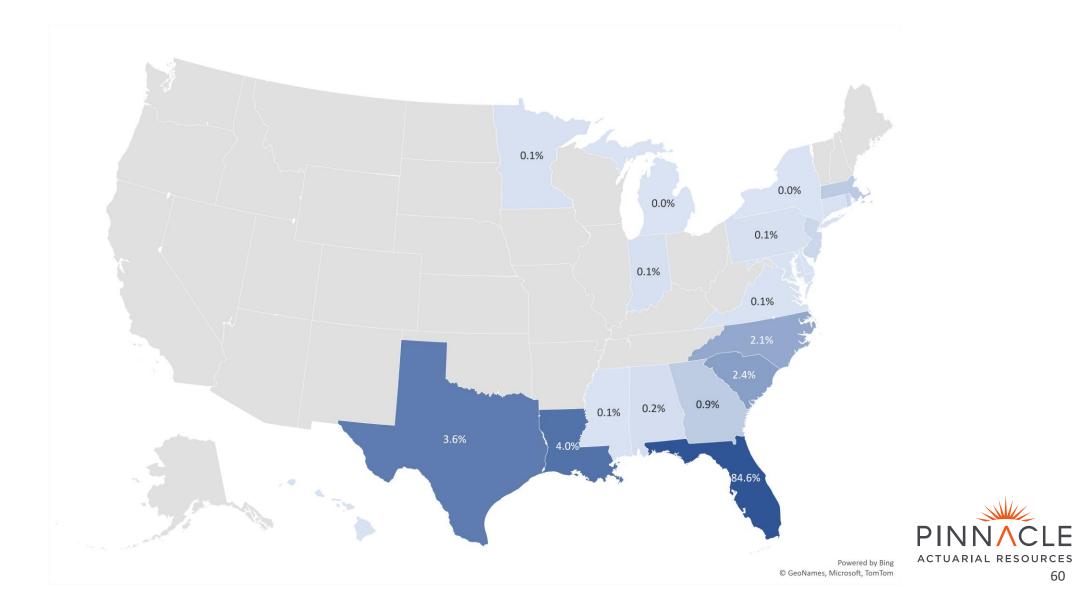
# **Geographic Diversification: 2015 DWP Distribution**



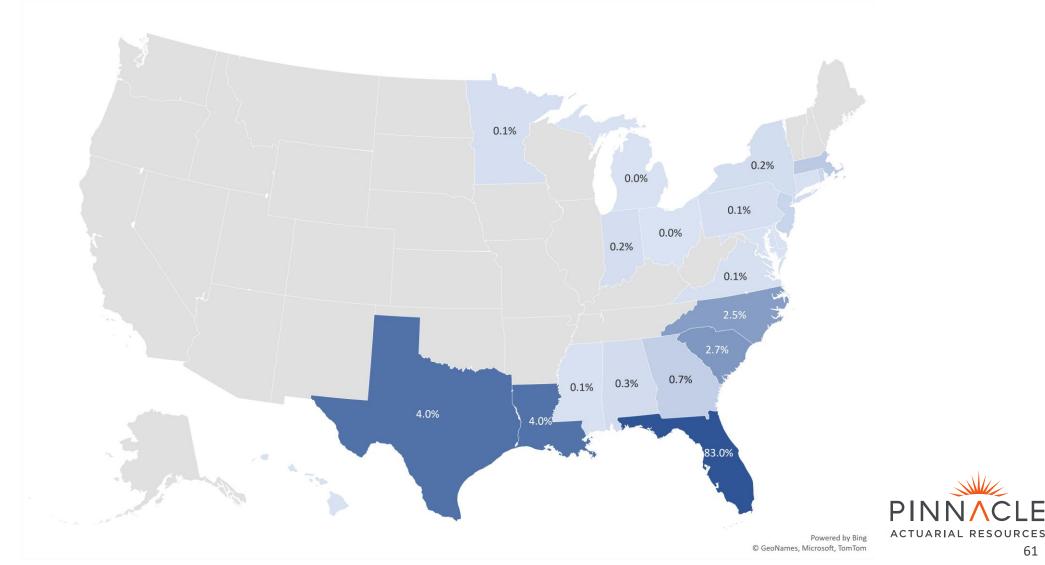
# **Geographic Diversification: 2016 DWP Distribution**



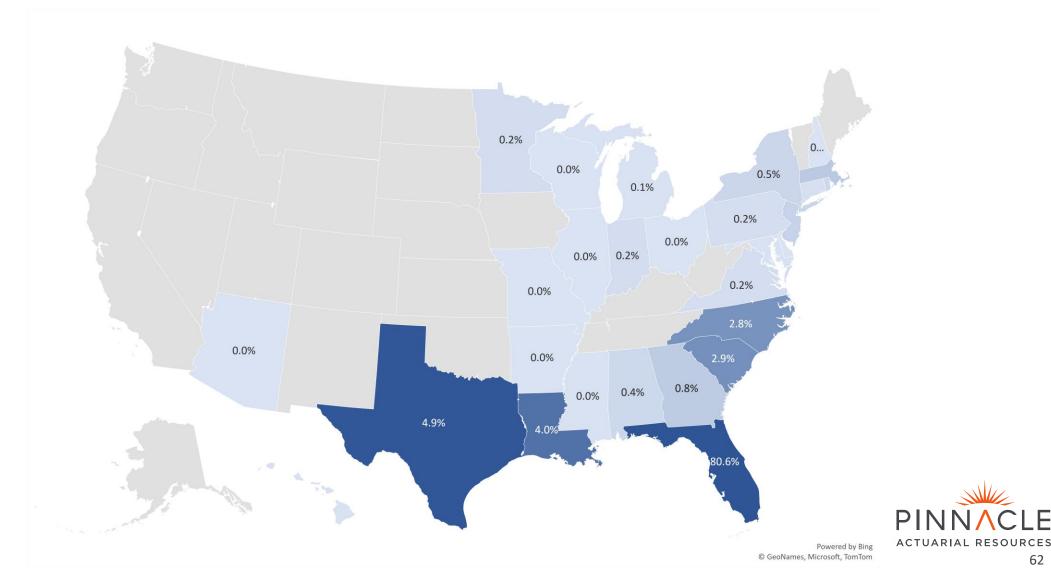
# **Geographic Diversification: 2017 DWP Distribution**



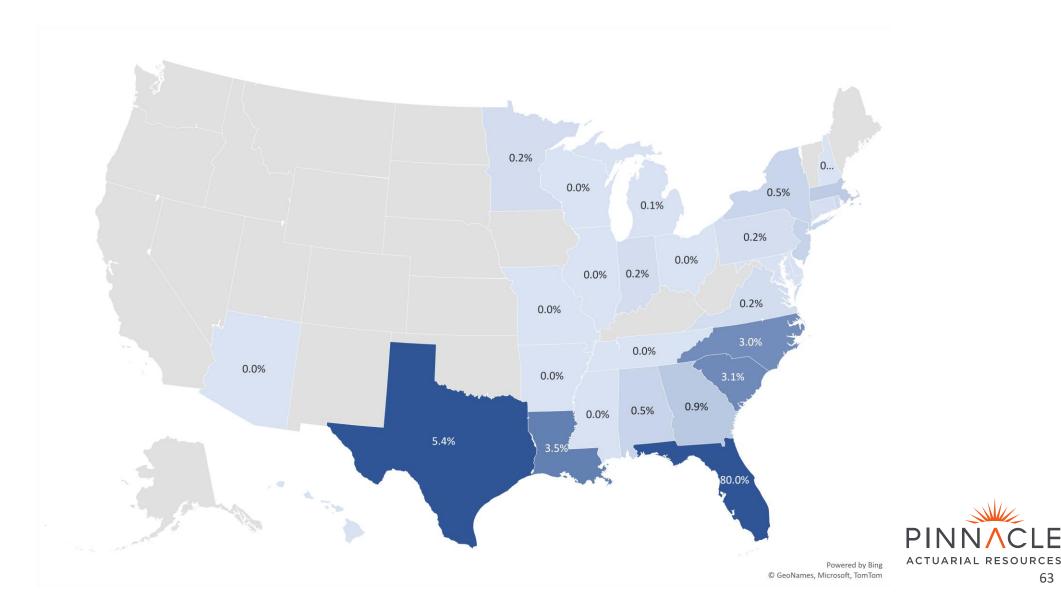
# **Geographic Diversification: 2018 DWP Distribution**



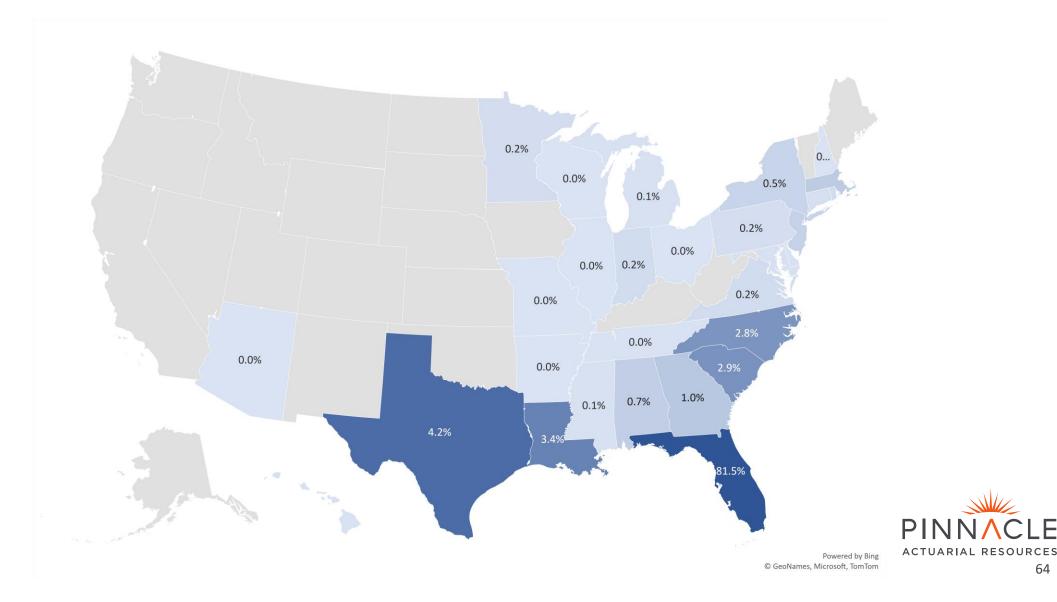
# **Geographic Diversification: 2019 DWP Distribution**



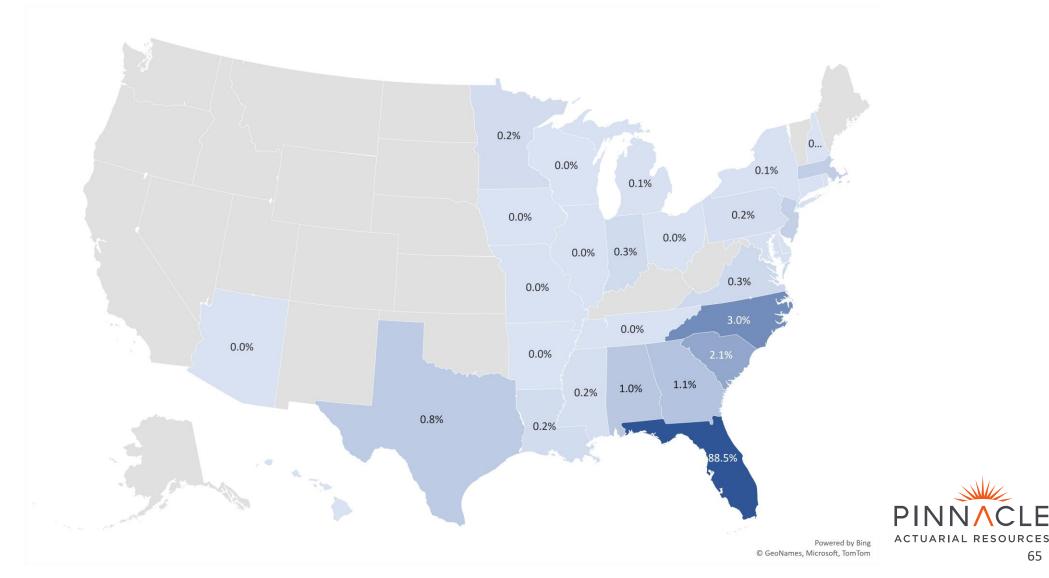
# **Geographic Diversification: 2020 DWP Distribution**



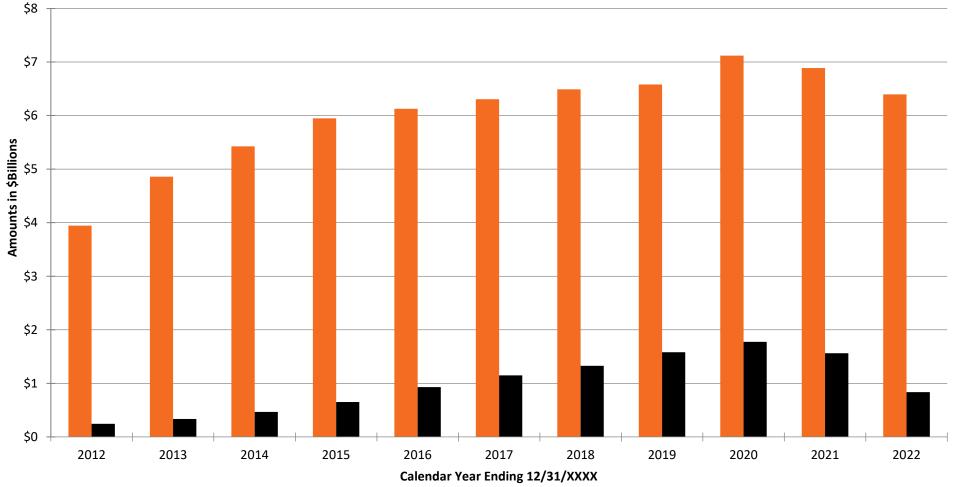
# **Geographic Diversification: 2021 DWP Distribution**



# **Geographic Diversification: 2022 DWP Distribution**

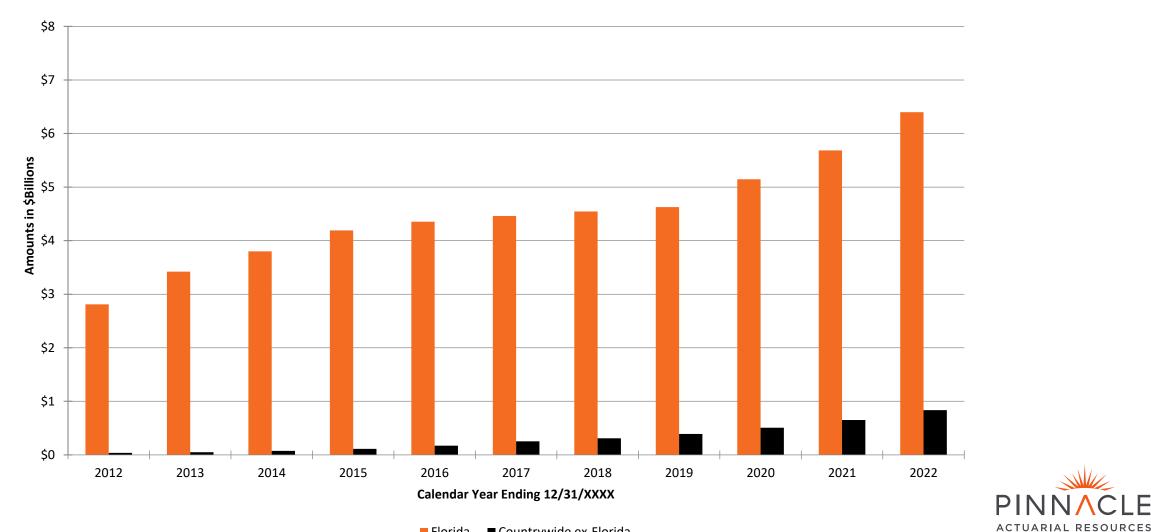


# **Direct Written Premium: Including Insolvent Companies**





# **Direct Written Premium: Excluding Insolvent Companies**





# **Thank You!**

#### Arthur R. Randolph II, FCAS, MAAA, CPCU, ARM, ARe

Principal & Consulting Actuary Atlanta, GA 678.894.7258 arandolph@pinnacleactuaries.com

#### James B. Wencil, ACAS, MAAA

Consulting Actuary Miami, FL 678.367.2680 jwencil@pinnacleactuaries.com

