

# Personal Lines P-C Insurance Markets: *Trends, Challenges & Opportunities for 2012 & Beyond*

### NAMIC Personal Lines Seminar Orlando, FL April 11, 2012

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## **Presentation Outline**



### Personal Lines Growth Overview

- Auto, Home: US and by State
- Average Premium/Expenditures

### Personal Lines Growth Drivers

Exposure, Pricing Factors

### Personal Lines Profitability Analysis

- Catastrophe Loss Trends: US & Global Impacts
- Reinsurance Market Overview & Outlook
- Cyclical Drivers in Personal Lines
  - Loss as a Cyclical Driver
- Private Passenger Auto Performance
- Distribution Trends
- P/C Financial Overview & Outlook: The Role of Cyclicality
  - Profitability
  - Premium Growth
  - Capital, Capacity and Financial Strength
  - Underwriting Performance
  - Investment Performance
- Financial Crisis, Recession & Recovery: P/C Insurer Impacts
- Regulatory Environment "Report Card"
- Q&A



# Personal Lines Growth Analysis

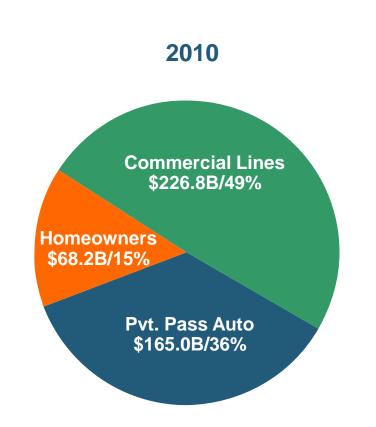
# Growth Trajectories Differ Substantially by Line, by State and Over Time

## Distribution of Direct Premiums Written by Segment/Line, 2010

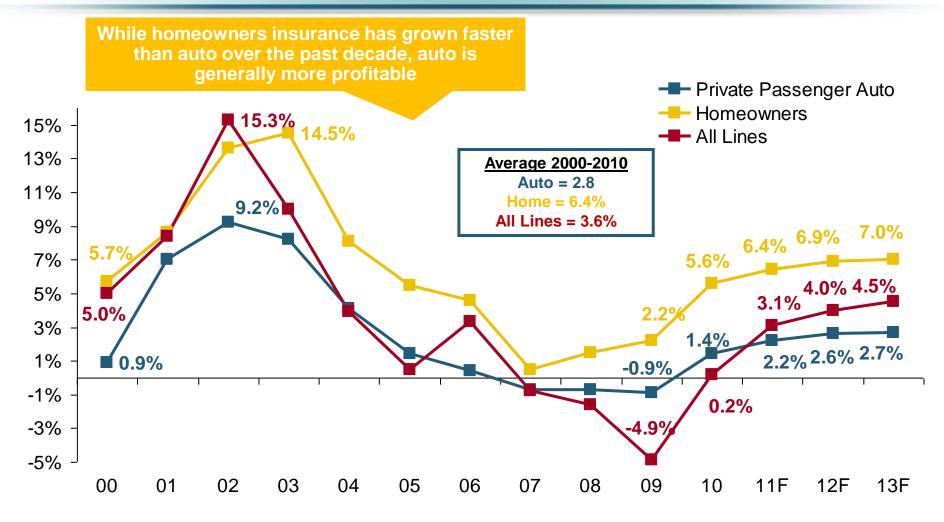


### **Distribution Facts**

- Personal/Commercial lines split has been about 50/50 for many years; Personal Lines overtook Commercial Lines in 2010
- Pvt. Passenger Auto is by far the largest line of insurance and is currently the most important source of industry profits
  - Billions of additional dollars in homeowners insurance premiums are written by staterun residual market plans



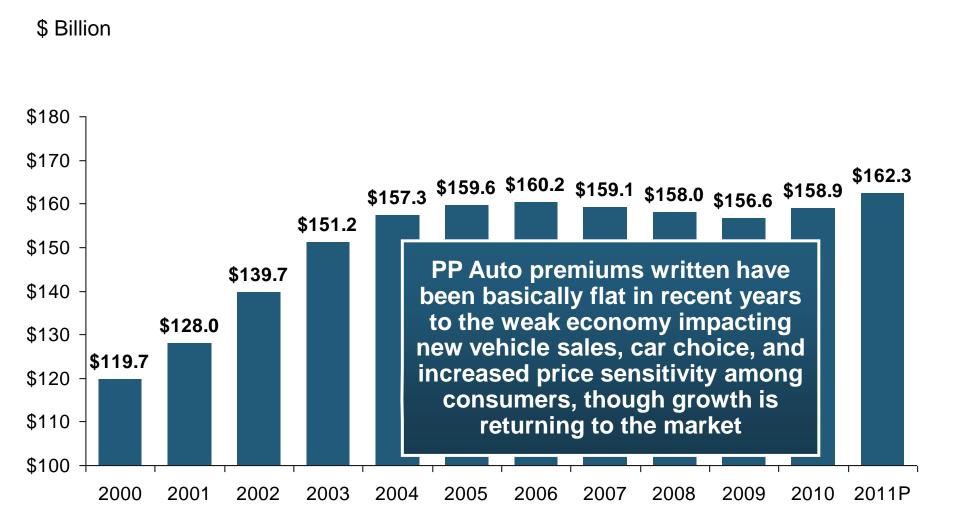
## Auto & Home vs. All Lines, Net Written Premium Growth, 2000–2013F



Sources: A.M. Best (historical); Insurance Information Institute (2011F-2013F).

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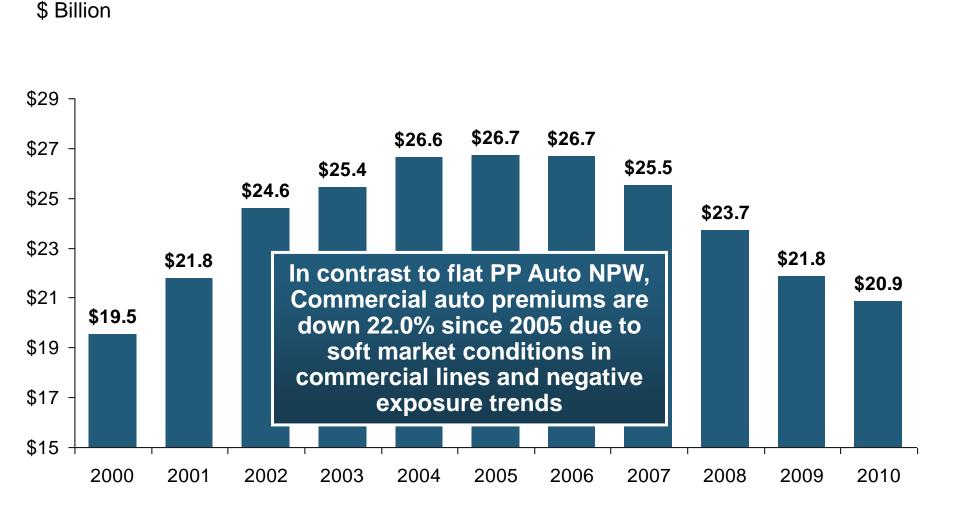
## Private Passenger Auto Insurance Net Written Premium, 2000–2011P



Sources: A.M. Best; Insurance Information Institute.

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## Commercial Auto Insurance Net Written Premium, 2000–2010



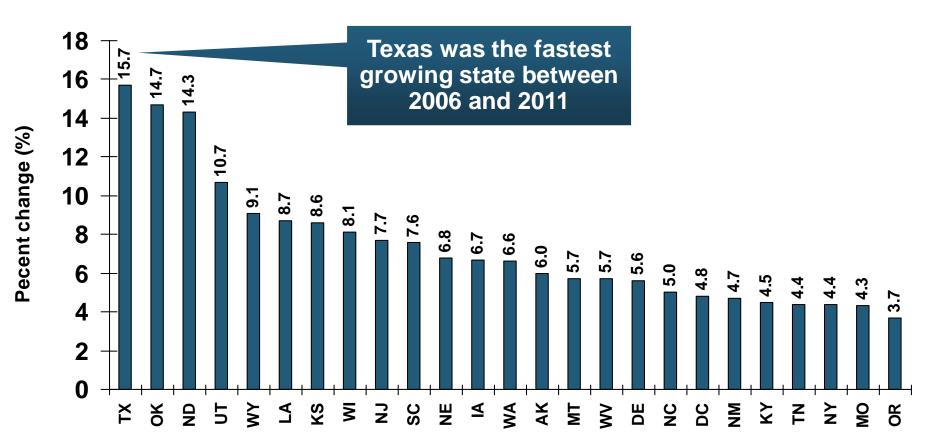
Sources: A.M. Best; Insurance Information Institute.

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## Direct Premiums Written: Auto Percent Change by State, 2006-2011



### **Top 25 States**

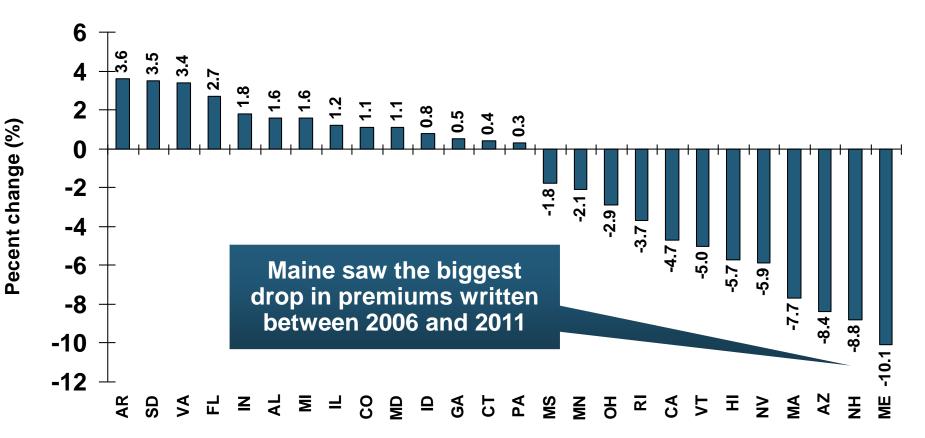


Sources: SNL Financial LLC; Insurance Information Institute.

### Direct Premiums Written: Auto Percent Change by State, 2006-2011

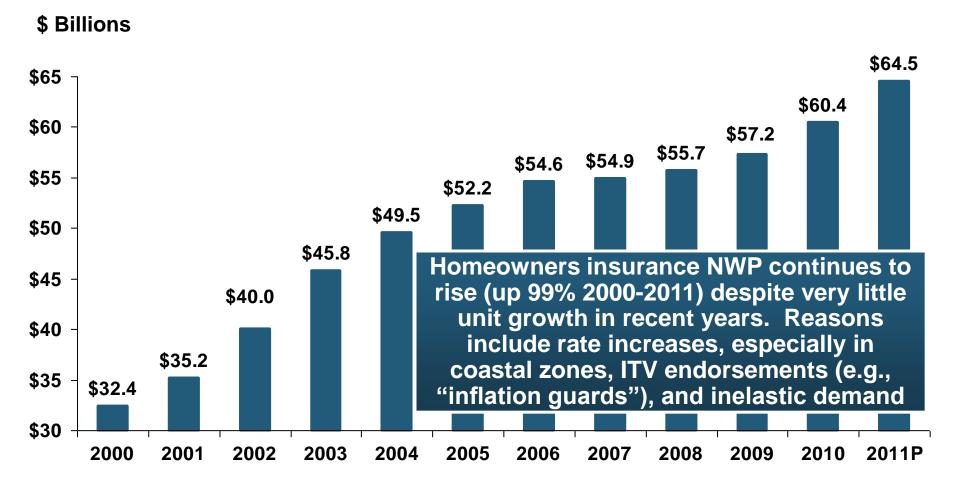


### **Bottom 25 States**



Sources: SNL Financial LLC; Insurance Information Institute.

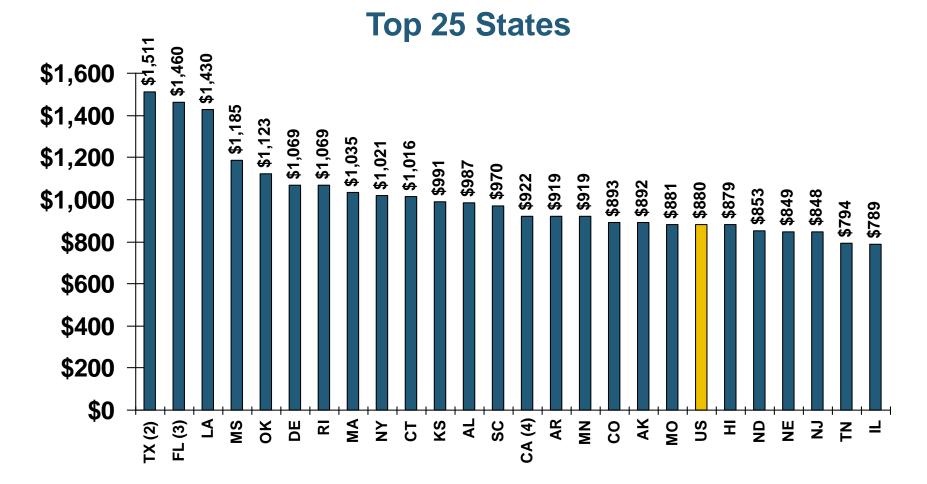
### Homeowners Insurance Net Written Premium, 2000–2011P



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## Average Premiums For Home Insurance By State, 2009\* (1)





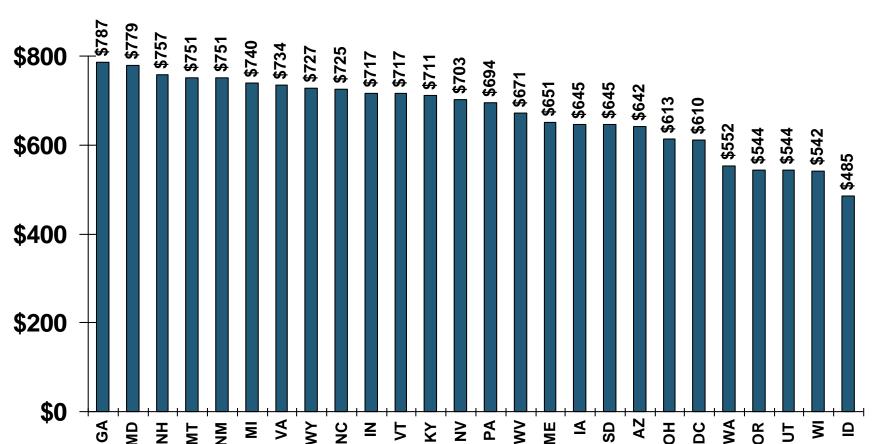
\*Latest available.

(1) Based on the HO-3 homeowner package policy for owner-occupied dwellings, 1 to 4 family units. Provides "all risks" coverage (except those specifically excluded in the policy) on buildings and broad named-peril coverage on personal property, and is the most common package written.

Note: Average premium=Premiums/exposure per house years. A house year is equal to 365 days insured coverage for a single dwelling.

Source: NAIC; Insurance Information Institute.

## Average Premiums For Home Insurance By State, 2009\* (1)



### **Bottom 25 States**

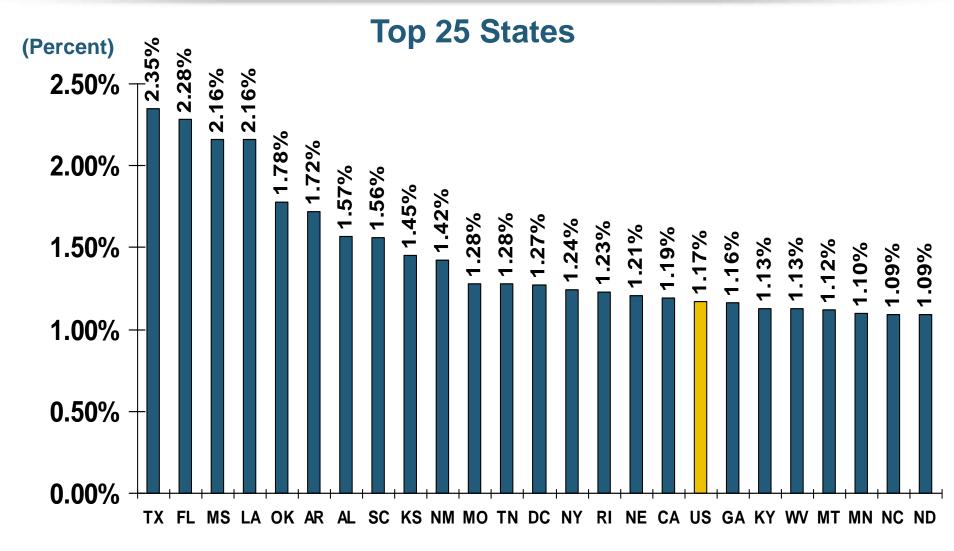
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Source: © 2010 National Association of Insurance Commissioners (NAIC). Reprinted with permission. Further reprint or distribution strictly prohibited without written permission of NAIC.

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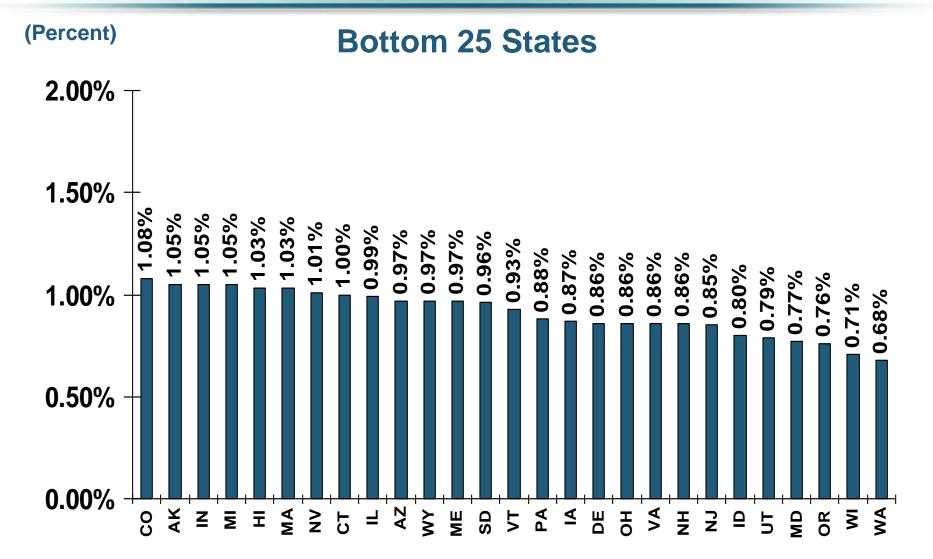
## Ratio of Avg. Premium for Homeowners Insurance to Median Family Income, 2009



\*Average homeowners insurance expenditure as a percentage of the 2009 median income for a family of four Sources: Prepared by the Insurance Information Institute, based on data from the U.S. Census and the National Association of Insurance Commissioners.

## Ratio of Avg. Premium for Homeowners Insurance to Median Family Income, 2009

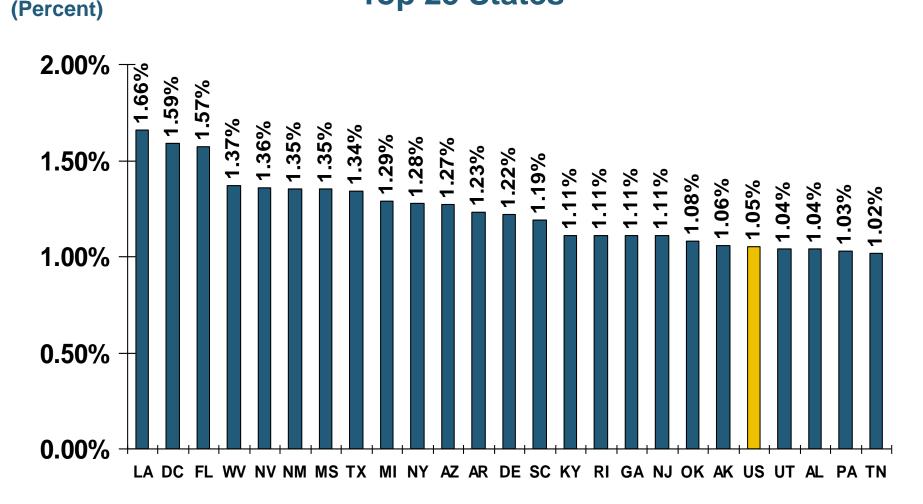




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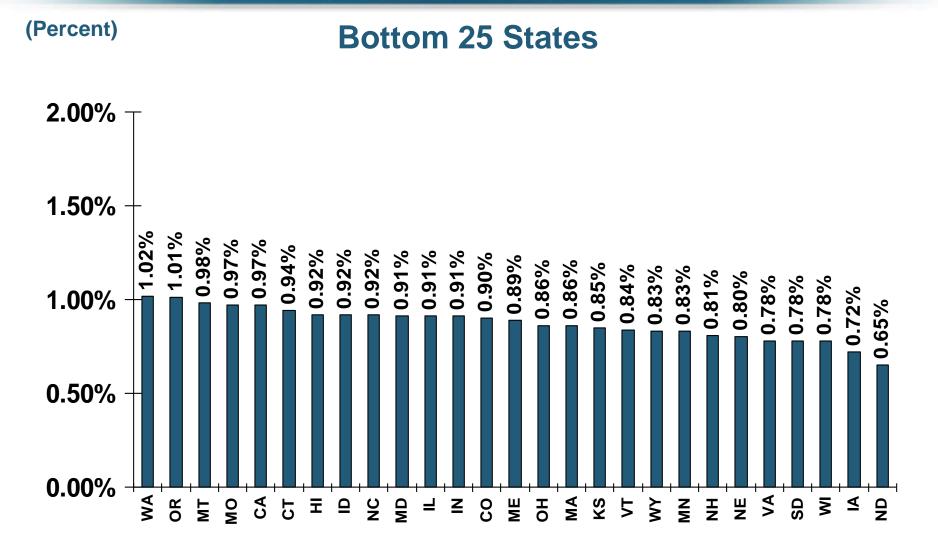
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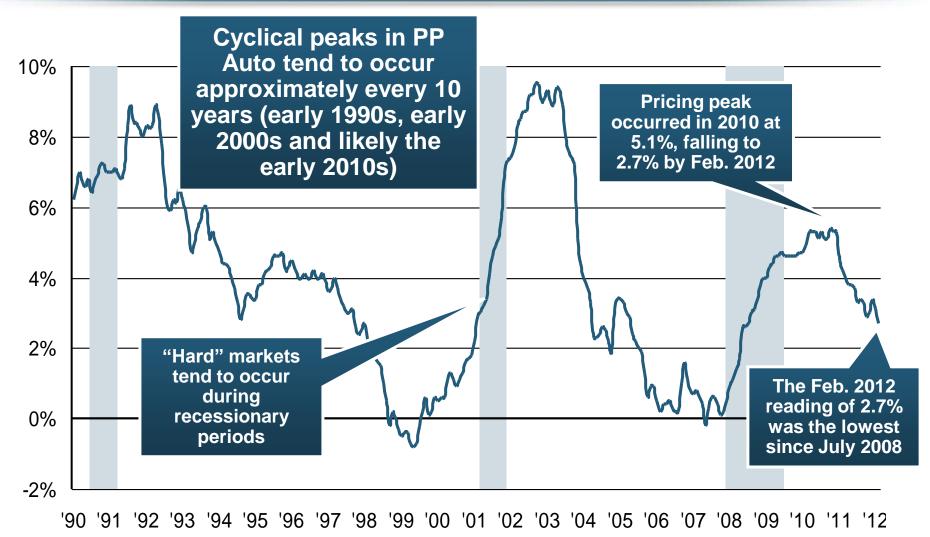
\*Average auto insurance expenditure as a percentage of the 2009 median income for a family of four Sources: Prepared by the Insurance Information Institute, based on data from the U.S. Census and the National Association of Insurance Commissioners.



# **Personal Lines Growth Drivers**

# Rate is Presently a Bigger Driver than Exposure

## Monthly Change\* in Auto Insurance Prices, 1991–2012\*



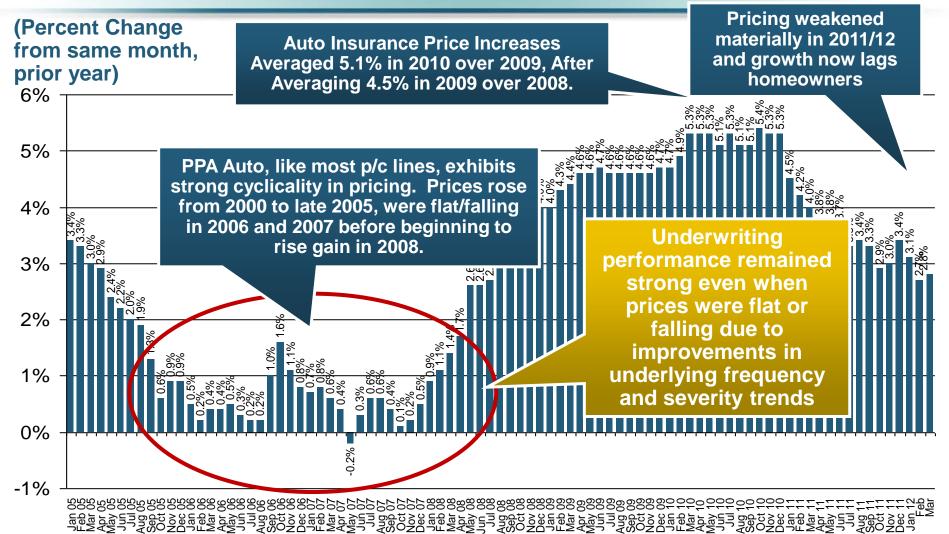
\*Percentage change from same month in prior year; through February 2012; seasonally adjusted

Note: Recessions indicated by gray shaded columns.

Sources: US Bureau of Labor Statistics; National Bureau of Economic Research (recession dates); Insurance Information Institutes.

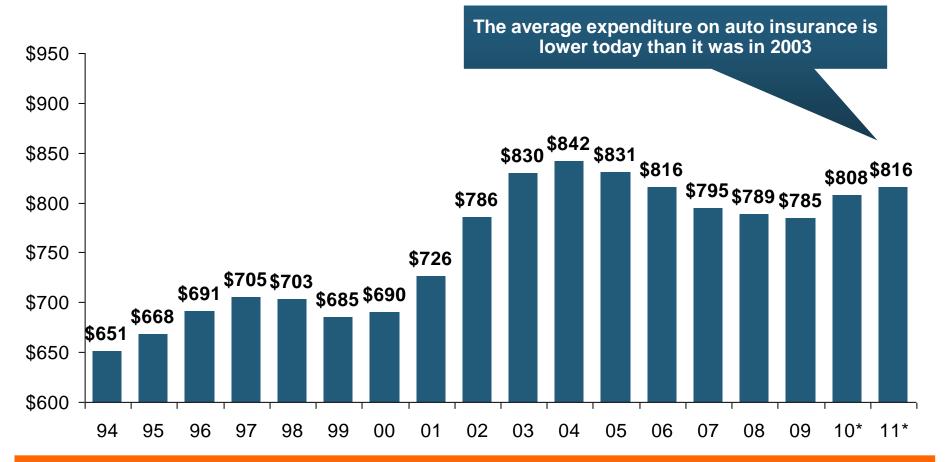
### Monthly Change\* in Auto Insurance Prices, January 2005 - March 2012





\*Percentage change from same month in prior year, seasonally adjusted. Sources: US Bureau of Labor Statistics; Insurance Information Institute

### **Average Expenditures on Auto Insurance**



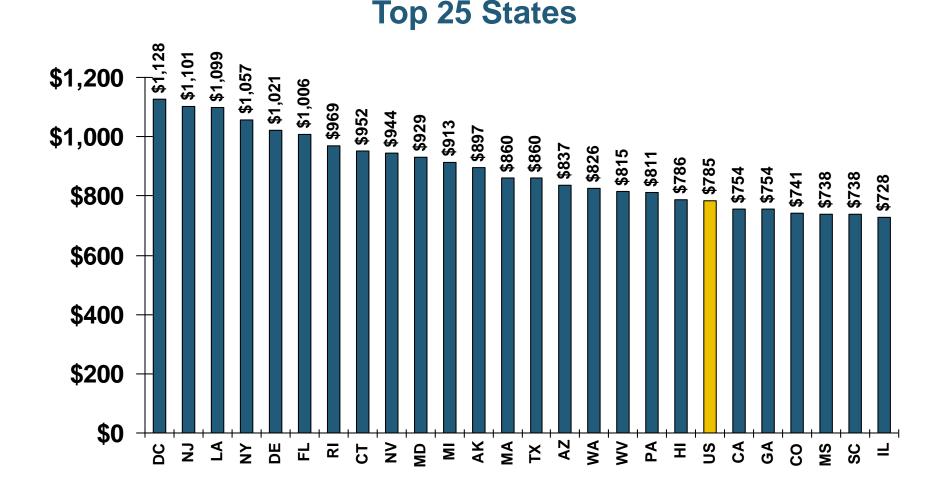
## Countrywide Auto Insurance Expenditures Decreased by 0.8% in 2008 and 0.5% in 2009 and Increased 3.0% in 2010 (est.) and 2.0% in 2011 (est.)

\* Insurance Information Institute Estimates/Forecasts

Source: NAIC, Insurance Information Institute estimate for 2010 based on CPI and other data.

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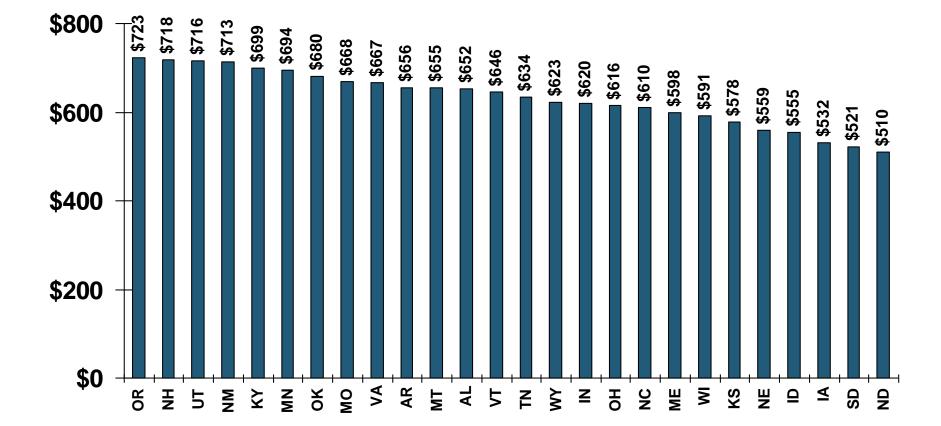
# Average Expenditures For Auto Insurance



Note: Average expenditure=Total written premium/liability car years. A car year is equal to 365 days of insured coverage for a single vehicle. Source: © 2010 National Association of Insurance Commissioners.

# Average Expenditures For Auto Insurance By State, 2009

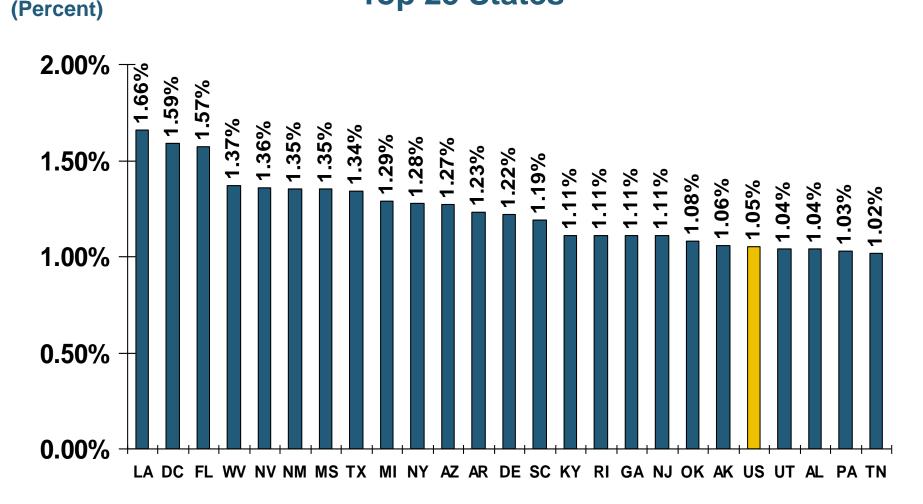
### **Bottom 25 States**



Note: Average expenditure=Total written premium/liability car years. A car year is equal to 365 days of insured coverage for a single vehicle. Source: © 2010 National Association of Insurance Commissioners.

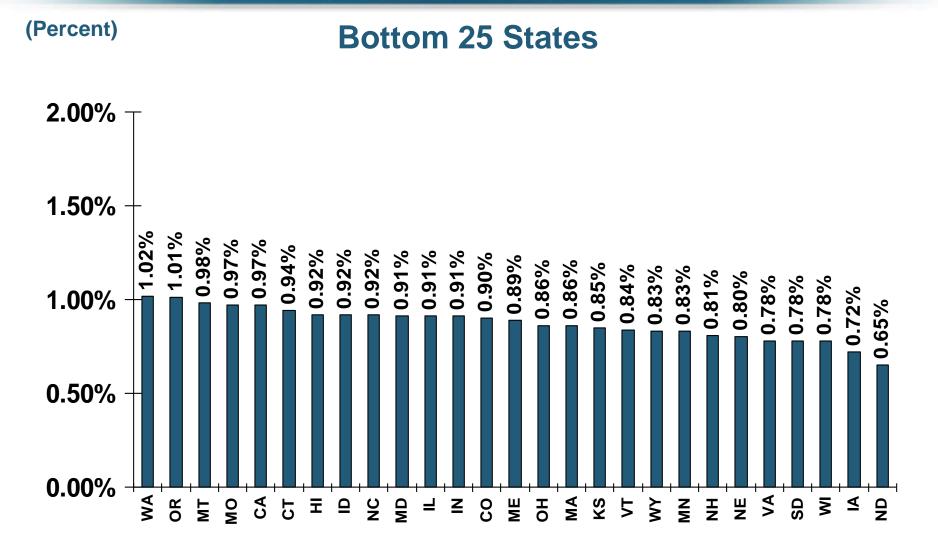
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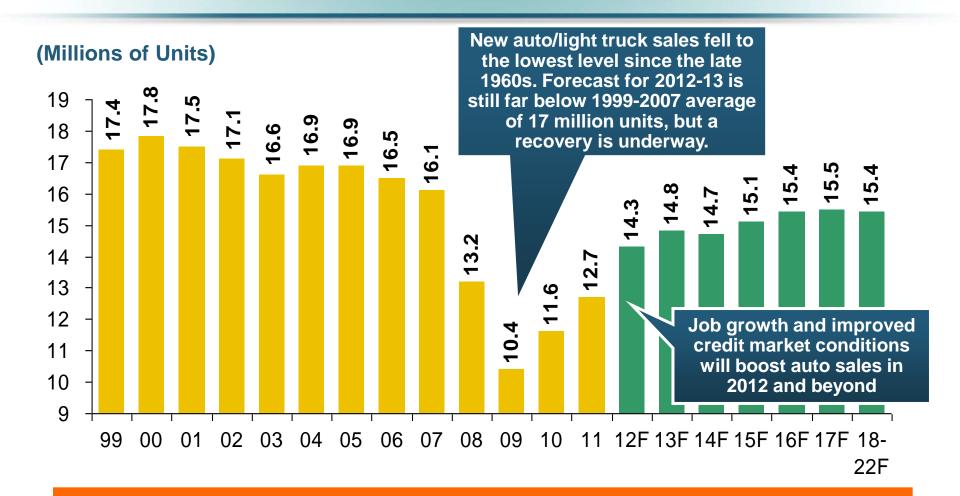
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\*Average auto insurance expenditure as a percentage of the 2009 median income for a family of four Sources: Prepared by the Insurance Information Institute, based on data from the U.S. Census and the National Association of Insurance Commissioners.

## Auto/Light Truck Sales, 1999-2022F

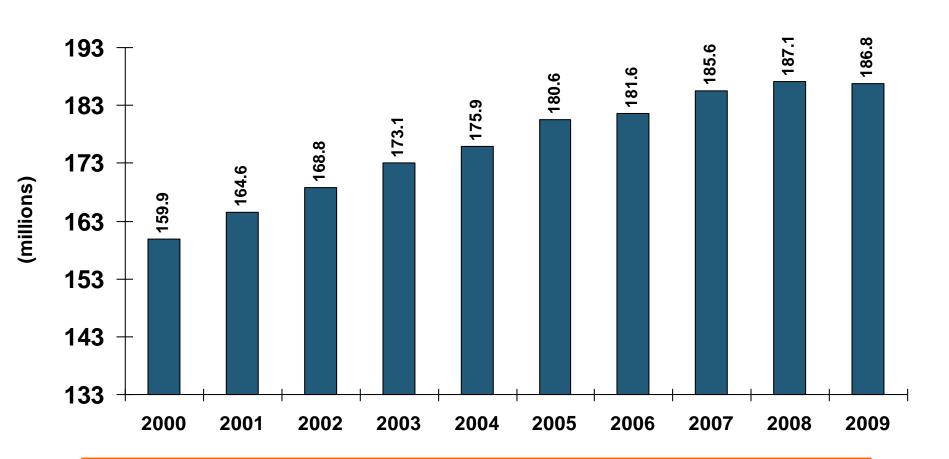




### Car/Light Truck Sales Will Continue to Recover from the 2009 Low Point, Bolstering the Auto Insurer Growth and the Manufacturing Sector.

Source: U.S. Department of Commerce; Blue Chip Economic Indicators (10/11 and 3/12); Insurance Information Institute.

# Number of Insured Vehicles in the US, 2000-2009\*



### The Number of Insured Passenger Vehicles Stopped Growing During the Economic Downturn. Growth Has Likely Returned.

\*Latest available as of Nov. 2011.

Source: Automobile Insurance Plans Service Office.

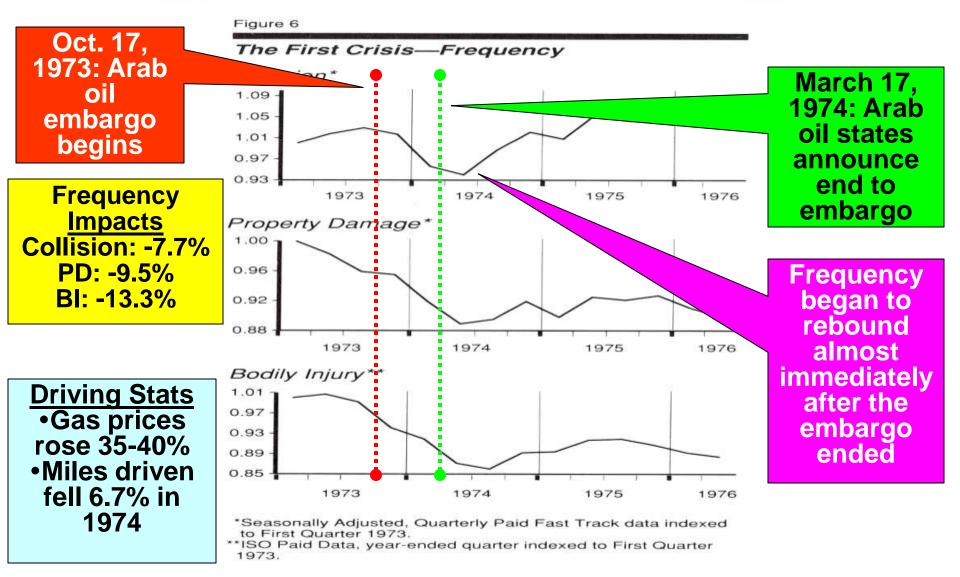
### **Do Changes in Miles Driven Affect Auto Collision Claim Frequency?**



Paid Claim Frequency = (No. of paid claims)/(Earned Car Years) x 100 **Collision Claim Frequency Billions of Vehicle Miles** 7.00 7.0 3100 6.91 6.81 6.80 6.78 3000 6.65 6.59 Paid Claim Freq **People are** 2900 s of Miles Driven 6.5 driving less in 6.32 2011 (-1.3% Sept. 2800 2011 vs, Sept. 2010), and 2700 6.02 Billions frequency is flat 5.94 6.0 5.85 2600 5.71 5.70 2500 5.62 <sub>5.60</sub> 5.62<sup>+</sup> 5.5 2400 96 97 98 99 00 02 03 05 06 **08** 09 11\* 04 10 01 07

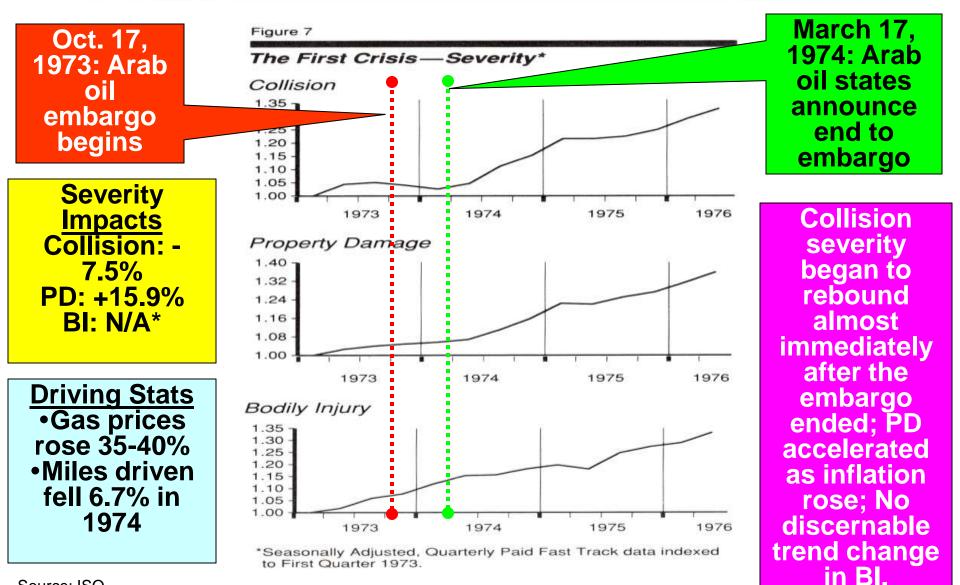
Sources: Federal Highway Administration (<u>http://www.fhwa.dot.gov/ohim/tvtw/tvtpage.cfm</u>; ISO Fast Track Monitoring System, *Private Passenger Automobile Fast Track Data*: 2nd Qtr. 2011, published Sep. 30, 2011 and earlier reports. \*2011 ISO figure is for 12 months ending 6/30/2011; FHA data is for 12 months ending Sep. 2011.

## Auto Insurance: Claim Frequency Impacts of Energy Crisis/Recession of 1973/74



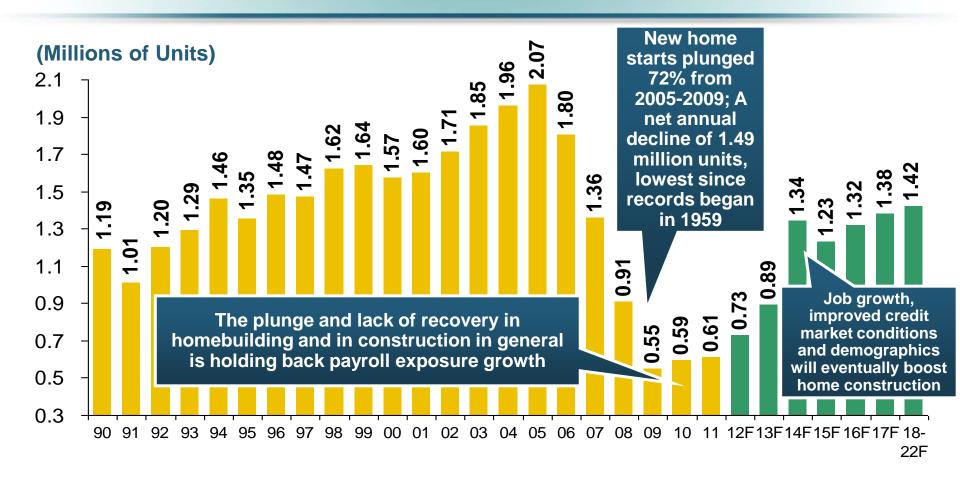
Source: ISO, US DOT.

## Auto Insurance: Claim Severity Impacts of Energy Crisis/Recession of 1973/74



Source: ISO.

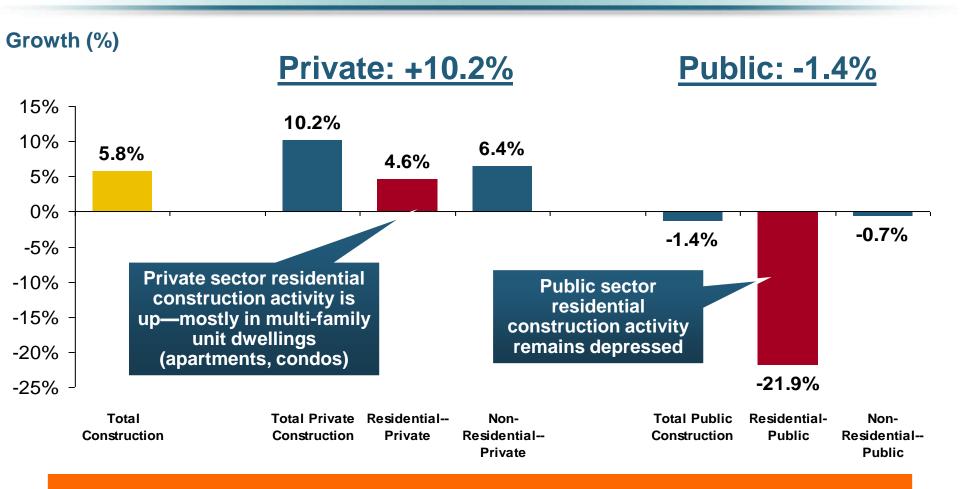
### New Private Housing Starts, 1990-2022F



### Little Exposure Growth Likely for Homeowners Insurers Until at least 2014. Also Affects Commercial Insurers with Construction Risk Exposure, Surety

Source: U.S. Department of Commerce; Blue Chip Economic Indicators (10/11 and 3/12); Insurance Information Institute.

### Value of Construction Put in Place, Feb. 2012 vs. Feb. 2011\*



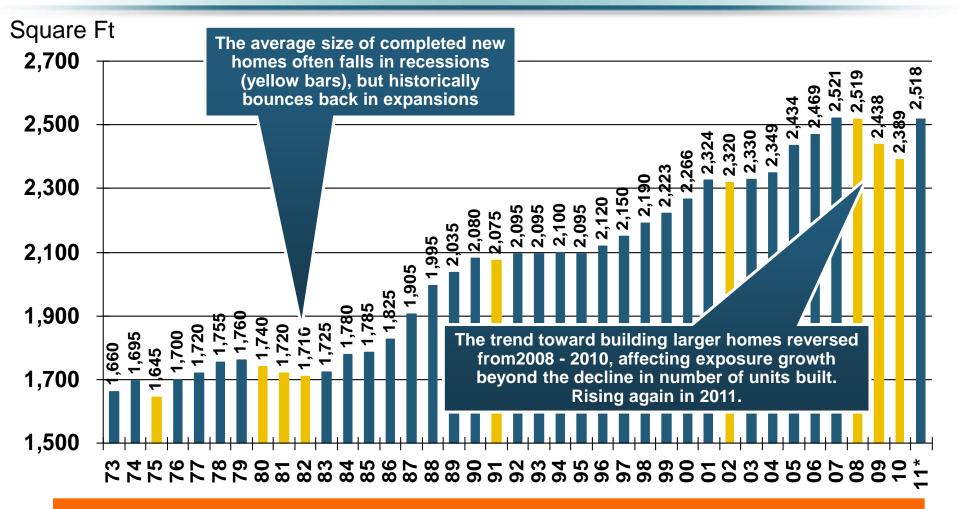
## Overall Construction Activity is Up, But Growth Is Entirely in the Private Sector as State/Local Government Budget Woes Continue

\*seasonally adjusted

Source: U.S. Census Bureau, <u>http://www.census.gov/construction/c30/c30index.html</u>; Insurance Information Institute.

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### Average Square Footage of Completed New Homes in U.S., 1973-2011\*

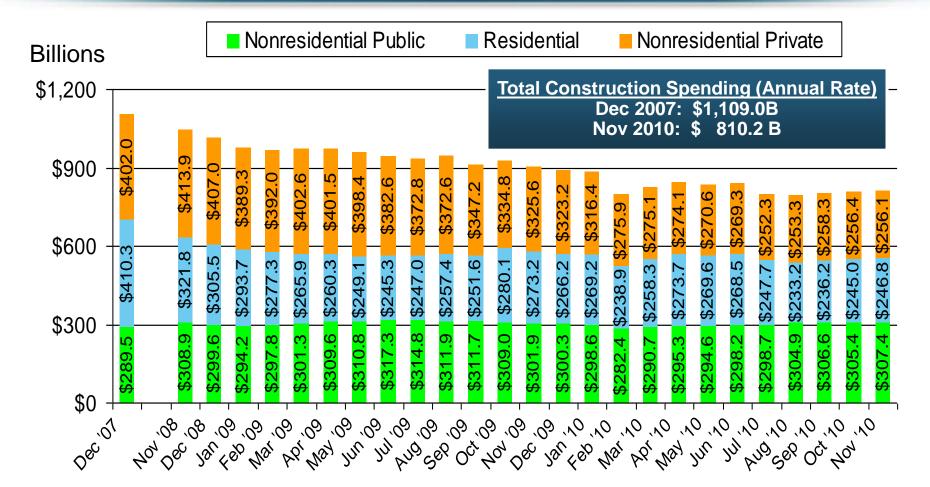


## The average size of completed new homes fell by 147 square feet (5.75%) from 2008-2010. This was the largest recession-based drop in nearly four decades.

\*2011 figure is weighted average square feet of completed homes in first three quarters of 2011 Source: U.S. Census Bureau: <u>http://www.census.gov/const/www/quarterly\_starts\_completions.pdf</u>; Insurance Information Institute.

## Value\* of Construction Put In Place



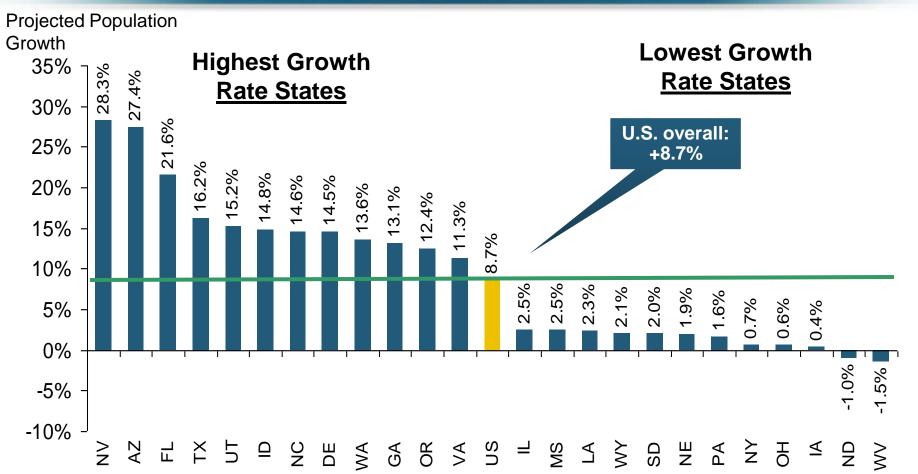


Since the recession started, private residential and nonresidential construction together are down \$300 billion (annual rate) – a drop of 38%. This affects property, surety, and other construction-related exposures.

\*seasonally adjusted annual rate

Source: http://www.census.gov/const/C30/release.pdf

## State Population Growth Rate Projections, 2010-2020\*



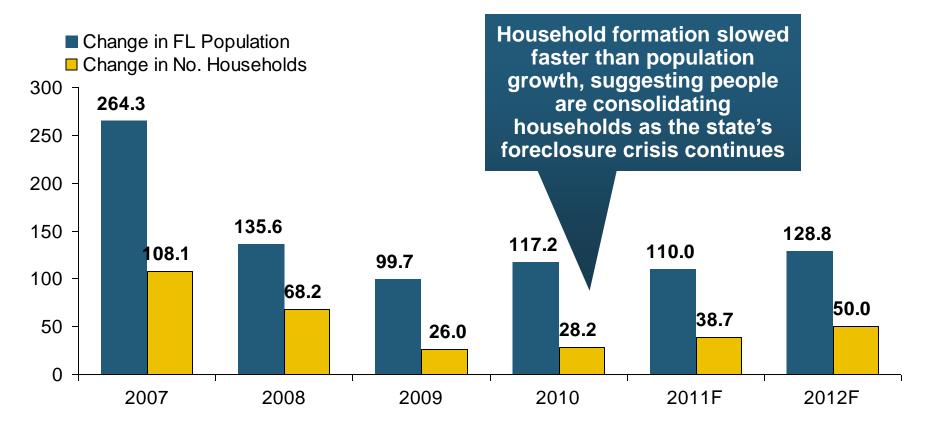
The Mountain West region is projected to grow the most from now to 2020 (up 17.6%), followed by the South Atlantic (up 14.5%) and Pacific (up 11.2%). The Mid-Atlantic is projected to be the slowest-growing region (up 1.9%).

\*based on 2000 census. Source: http://www.census.gov/population/www/projections/projectionsagesex.html Table 7

### FLORIDA CASE STUDY: Weak Population Growth, Slow Household Formation Hurt Personal Lines Exposure Gains

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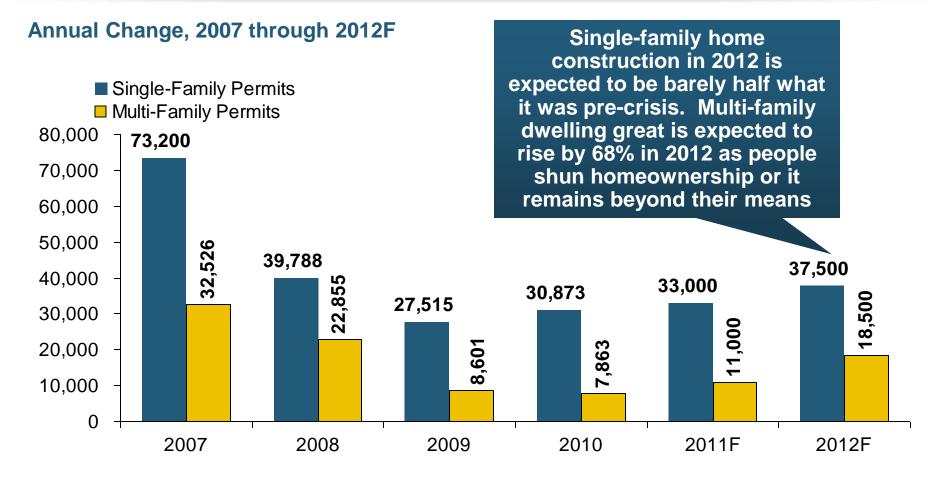
#### Thousands



### FL's Construction Sector, One of Most Critical of FL's Growth Engines, Remains in a Deep Recession

Source: Dept. of Commerce (historical); Wells Fargo Securities (FL forecasts) as of September 2011; Insurance Information Institute.

## FL Housing Permits: Multi-Family Unit Growth Poised to Soar, Single-Family Weak

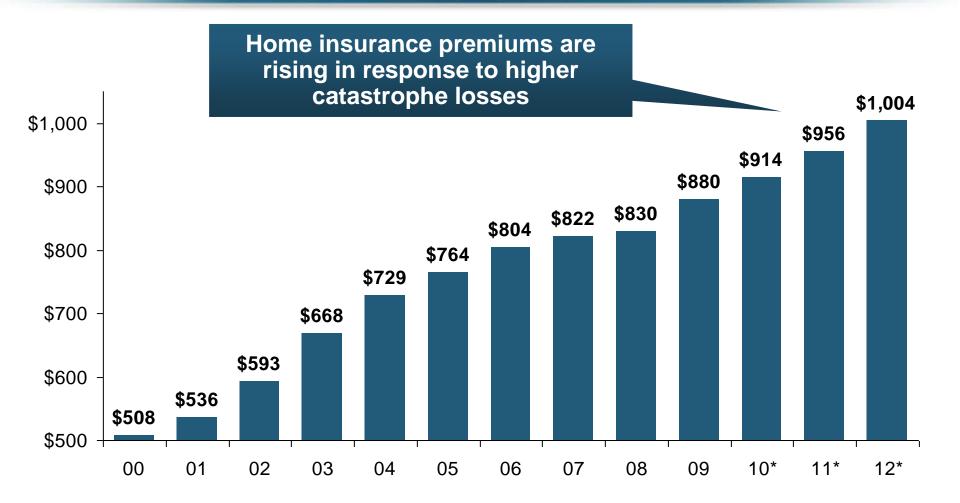


### FL's Construction Sector, One of Most Critical of FL's Growth Engines, Remains in a Deep Recession

Source: Dept. of Commerce (historical); Wells Fargo Securities (FL forecasts) as of September 2011; Insurance Information Institute.

## Average Premium for Home Insurance Policies\*\*



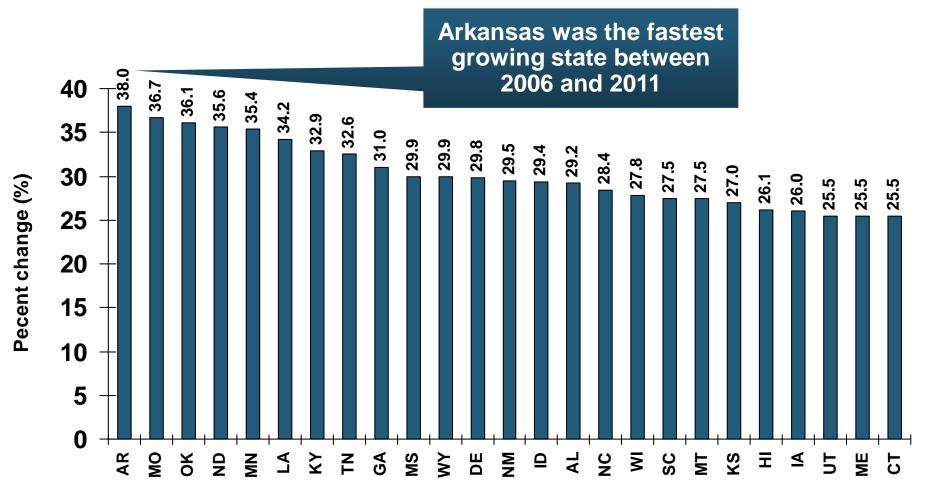


\* Insurance Information Institute Estimates/Forecasts \*\*Excludes state-run insurers. Source: NAIC, Insurance Information Institute estimates 2010-2012 based on CPI and other data.

## Direct Premiums Written: Home Percent Change by State, 2006-2011



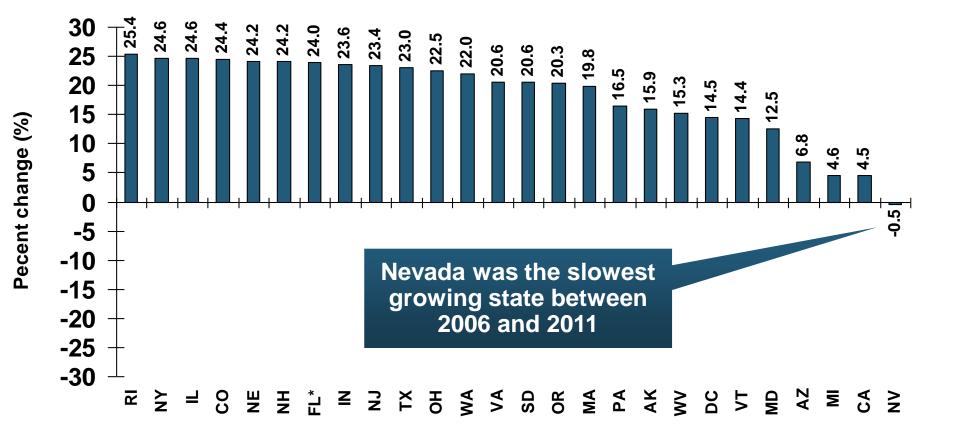
#### **Top 25 States**



## Direct Premiums Written: Home Percent Change by State, 2006-2011



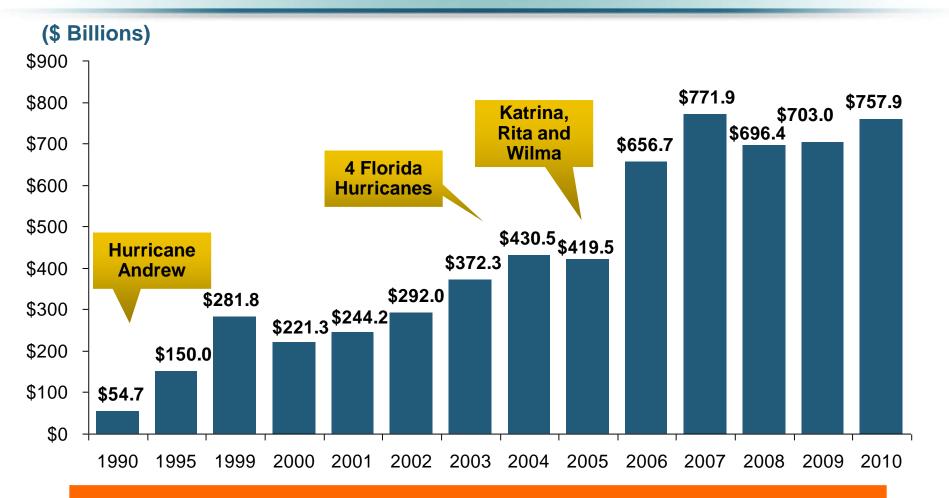
#### **Bottom 25 States**



\*FL data are for the period 2005-2010. Data for 2011 inclusive of Florida Citizens are not yet available.

Sources: SNL Financial LC; Insurance Information Institute.

# U.S. Residual Market Exposure to Loss (\$ Billions)



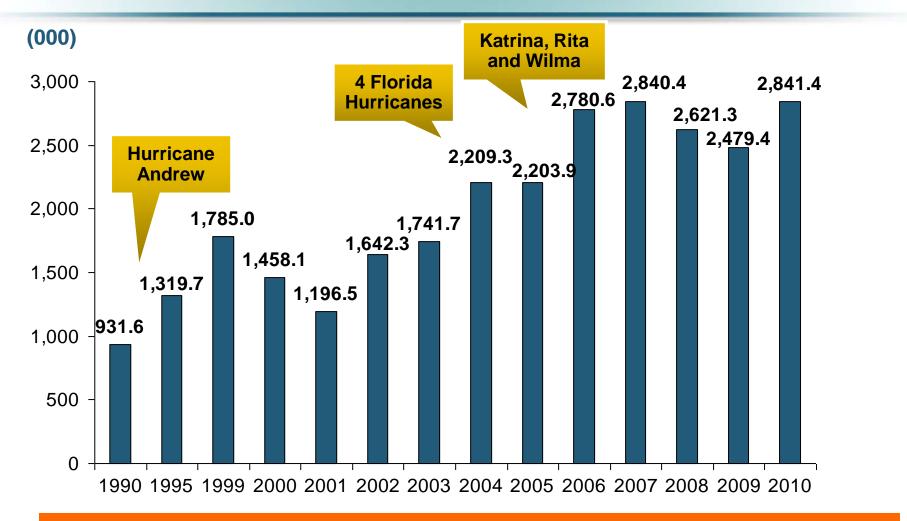
In the 21-year period from 1990 through 2010, total exposure to loss in the residual market (FAIR & Beach/Windstorm) Plans has surged from \$54.7 billion in 1990 to \$757.9 billion in 2010.

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Source: PIPSO; Insurance Information Institute (I.I.I.).

# U.S. Residual Market: Total Policies In-Force (1990-2010) (000)





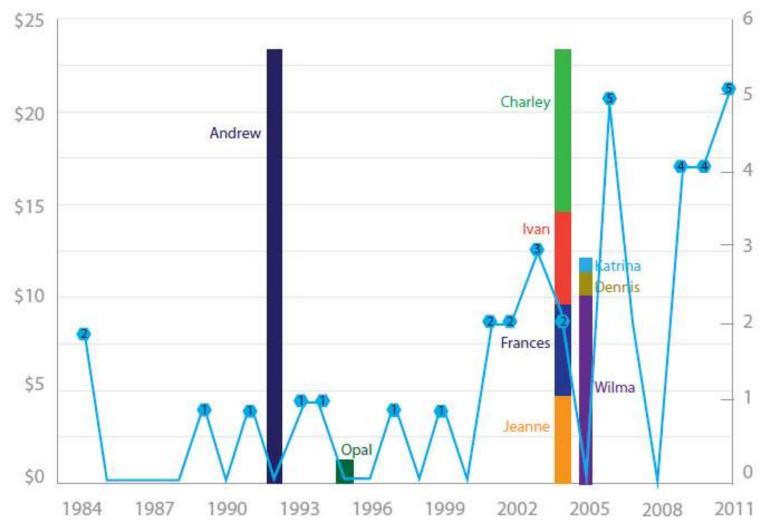
In the 21-year period between 1990 and 2010, the total number of policies in-force in the residual market (FAIR & Beach/Windstorm) Plans has more than tripled.

## Hurricanes, Insolvencies and Insured Losses, 1984-2011





No. of Insolvent Insurers



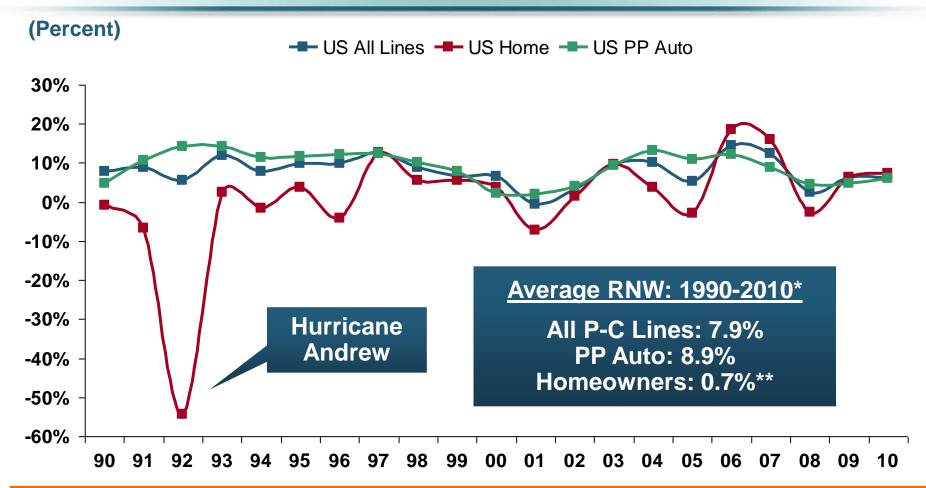
Sources: Florida TaxWatch, *Risk & Reform: A Florida TaxWatch Analysis of Florida's Property Insurance System,* November 2011, citing the Insurance Information Institute and the Florida Hurricane Fact File.



## Personal Lines Profitability Analysis

## Significant Variability Over Time and Across States

## Return on Net Worth: All P-C Lines vs. Homeowners & Pvt. Pass. Auto, 1990-2010\*

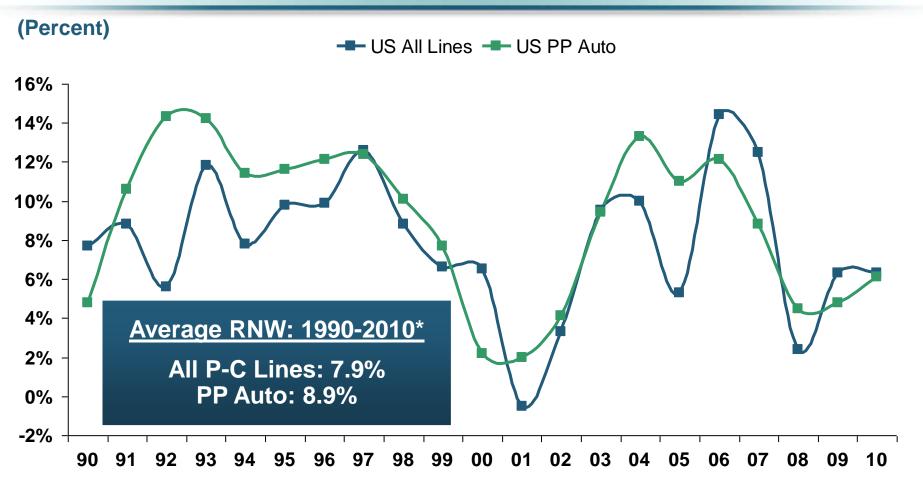


#### Pvt.Pass. Auto Has Consistently Outperformed the P-C Industry as a Whole. Homeowners Volatility is Associated Primarily With Coastal Exposure Issues

\*Latest available.

\*\*Excluding 1992, the Hurricane Andrew, produces a homeowners RNW of 3.5%. Sources: NAIC.

## Return on Net Worth: All P-C Lines vs. Pvt. Pass. Auto, 1990-2010\*

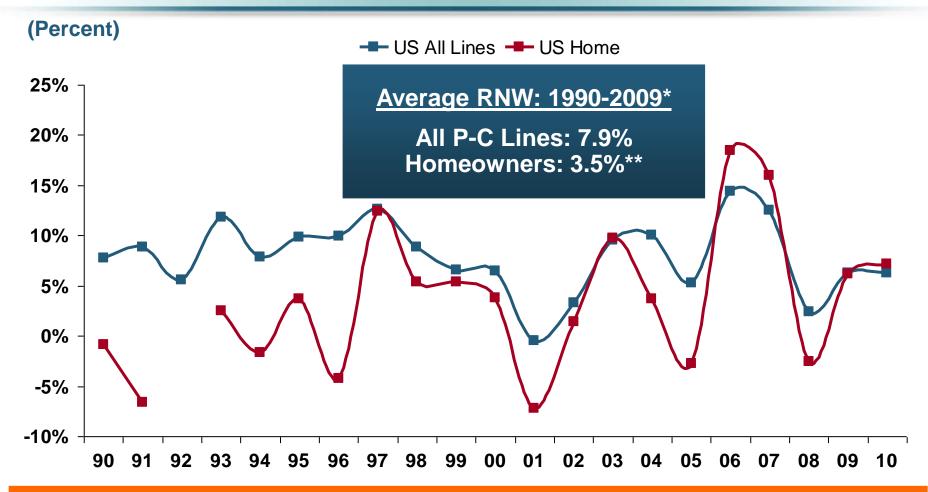


Pvt.Pass. Auto Profitability Has Exceeded the P-C Industry as a Whole in 13 of the 21 Years from 1990-2010 (Inclusive)

\*Latest available. Sources: NAIC.

## Return on Net Worth: All P-C Lines vs. Homeowners, 1990-2010\*





#### Homeowners Insurance Is Considerably More Volatile than the Market Overall Due to Coastal Exposure and Interior Wind/Hail Events

\*Latest available.

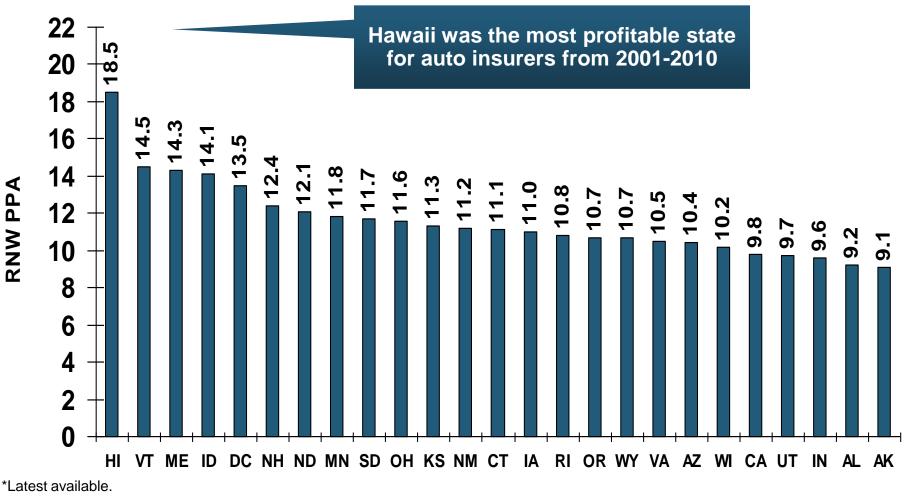
\*\*Excluding Hurricane Andrew (1992); including 1992 produces an average homeowners RNW of 0.7%. Sources: NAIC.

## Return on Net Worth: Pvt. Passenger Auto, 10-Year Average (2001-2010\*)



### **Top 25 States**

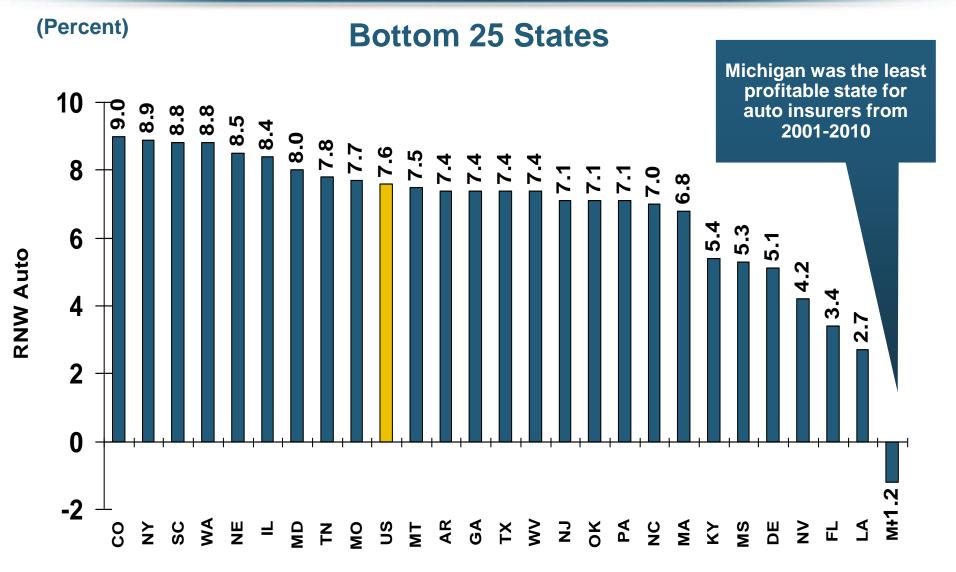
(Percent)



Sources: NAIC.

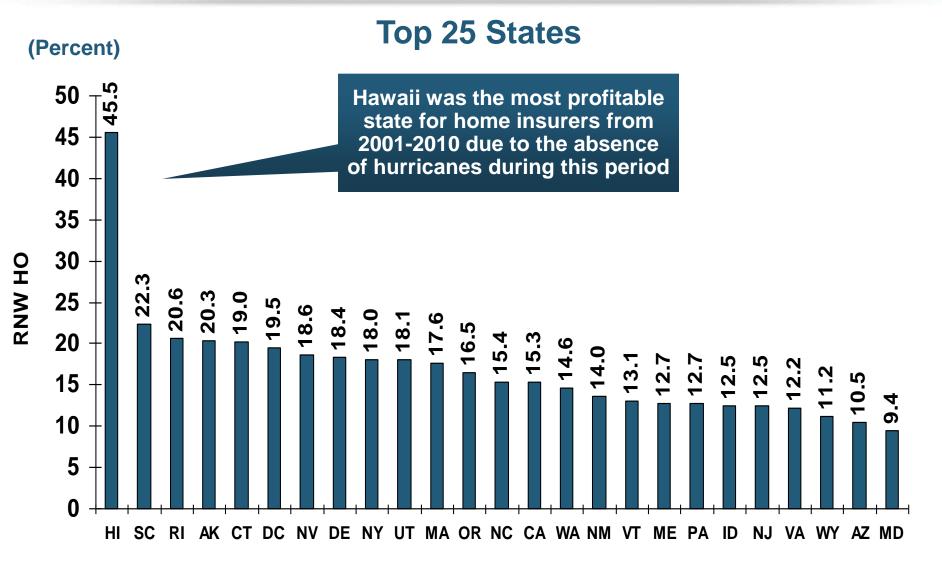
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\*Latest available. Sources: NAIC

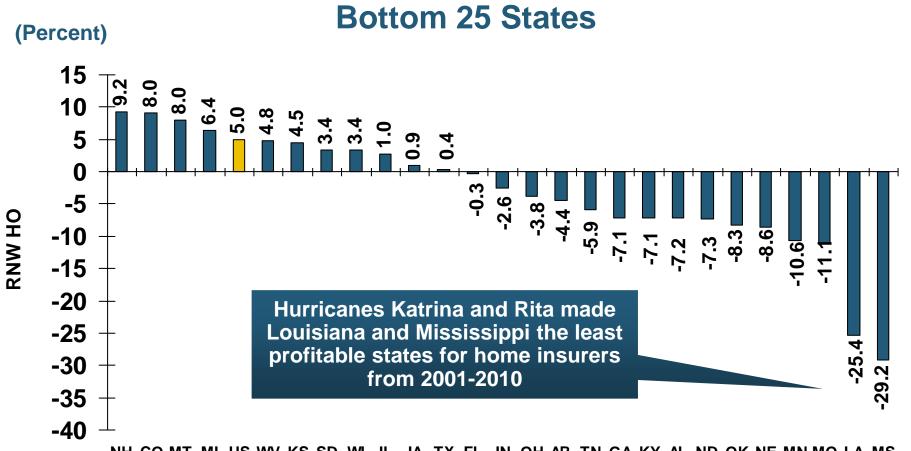
## Return on Net Worth: Homeowners Insurance, 10-Year Average (2001-2010\*)



\*Latest available.

Sources: NAIC.

## Return on Net Worth: Homeowners Insurance, 10-Year Average (2001-2010\*)



NH COMT MI US WV KS SD WI IL IA TX FL IN OH AR TN GA KY AL ND OK NE MN MO LA MS



## **Global Catastrophe Loss Developments and Trends**

2011 Will Rewrite Catastrophe Loss and Insurance History *But Will Losses Turn the Market?* 

## **Global Catastrophe Loss Summary:** 2011

#### **2011** Was the *Highest* Loss Year on Record for Economic Losses Globally

 Extraordinary accumulation of severe natural catastrophe: Earthquakes, tsunami, floods and tornadoes are the primary causes of loss

#### \$380 Billion in *Economic* Losses Globally (New Record)

New record, exceeding the previous record of \$270B in 2005

#### \$105 Billion in Insured Losses Globally

- 2011 losses were 2.5 times 2010 insured losses of \$42B
- Second only to 2005 on an inflation adjusted basis (new record on a unadjusted basis)
- Over 5 times the 30-year average of \$19B

#### **\$72.8 Billion in** *Economic* **Losses in the US**

• Represents a 129% increase over the \$11.8 billion amount through the first half of 2010

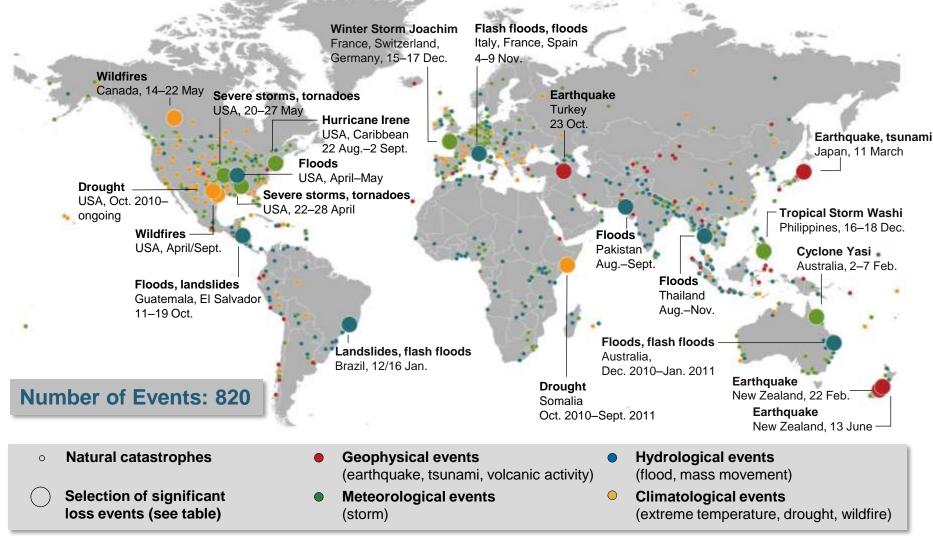
#### **\$35.9 Billion in** *Insured* **Losses in the US Arising from 171 CAT Events**

- Fifth highest year on record
- Represents 51% increase over the \$23.8 billion total in 2010

## Natural Loss Events, 2011



#### World Map



Source: MR NatCatSERVICE

## Natural Catastrophes Worldwide, 2011

#### **Overview and Comparison with Previous Years**

	2011	2010	Average of the last 10 years 2001-2010	Average of the last 30 years 1981-2010	Top Year 1981- 2010
Number of events	820	970	790	630	2007 (1,025)
Overall losses in US\$ m (original values)	380,000	152,000	113,000	75,000	2005 (227,000)
Insured losses in US\$ m (original values)	105,000	42,000	35,000	19,000	2005 (101,000)
Fatalities	27,000	296,000	106,000	69,000	2010 (296,000)

### 5 Costliest Natural Catastrophes Worldwide in Terms of Insured Losses, 2011 (\$Mill)

Date	Region	Event	Fatalities	Overall losses US\$ m	Insured losses US\$ m
March 11	Japan	Earthquake, tsunami	15,840	210,000	35,000- 40,000
Feb. 22	New Zealand	Earthquake	181	16,000	13,000
Aug. 1 – Nov. 15	Thailand	Floods, landslides	813	40,000	10,000
Apr. 22-28	USA	Severe storms/ tornadoes	350	15,000	7,300
Aug. 22 - Sep. 2	USA, Caribbean	Hurricane Irene	55	15,000	7,000

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## **Natural Catastrophes Worldwide 2011**

**Insured losses US\$ 105bn - Percentage distribution per continent** 



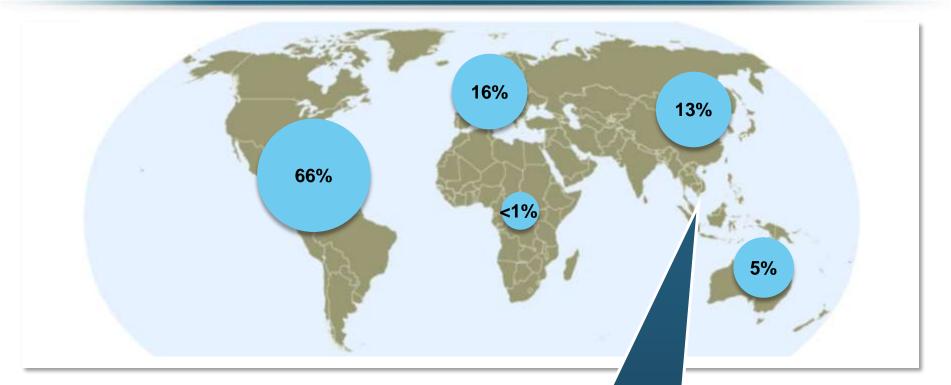
Continent	Insured losses US\$ m
America (North and South America)	40,000
Europe	2,000
Africa	Minor damages
Asia	45,000
Australia/Oceania	18,000

In 2011, 61% of insured natural catastrophe losses were in the Asia/Pacific region, nearly 3.5 times the average of 13% over the prior 30 years (1981-2010)

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#### Natural Catastrophes Worldwide 1980 – 2011 Insured losses US\$ 870bn - Percentage distribution per continent



Continent	Insured losses US\$ m
America (North and South America)	566,000
Europe	146,000
Africa	2,000
Asia	115,000
Australia/Oceania	41,000

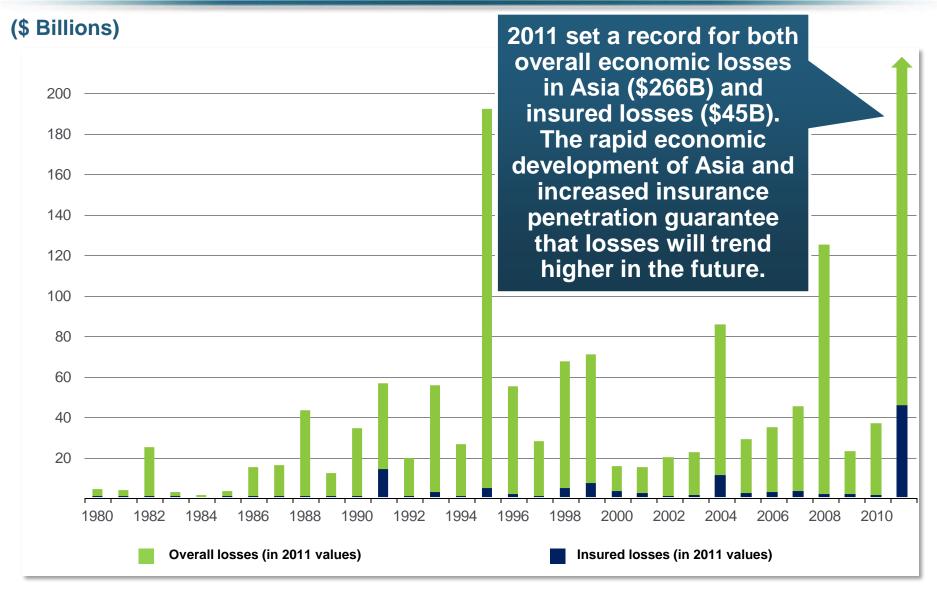
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## Natural Catastrophes in Asia 1980 – 2011

**Overall and insured losses in 2011 Dollars** 





Source: MR NatCatSERVICE

 $\ensuremath{\mathbb{C}}$  2011 Munich Re

## Top 16 Most Costly World Insurance Losses, 1970-2011\*\*

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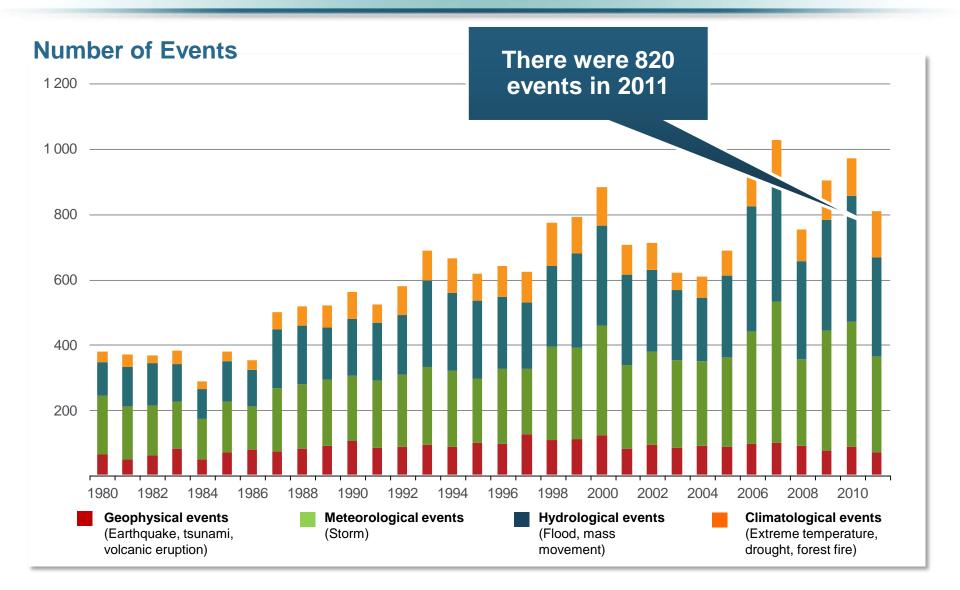
\*Average of range estimates of \$35B - \$40B as of 1/4/12; Privately insured losses only.

\*\*Figures do not include federally insured flood losses.

Sources: Swiss Re sigma 1/2011; Munich Re; Insurance Information Institute research.

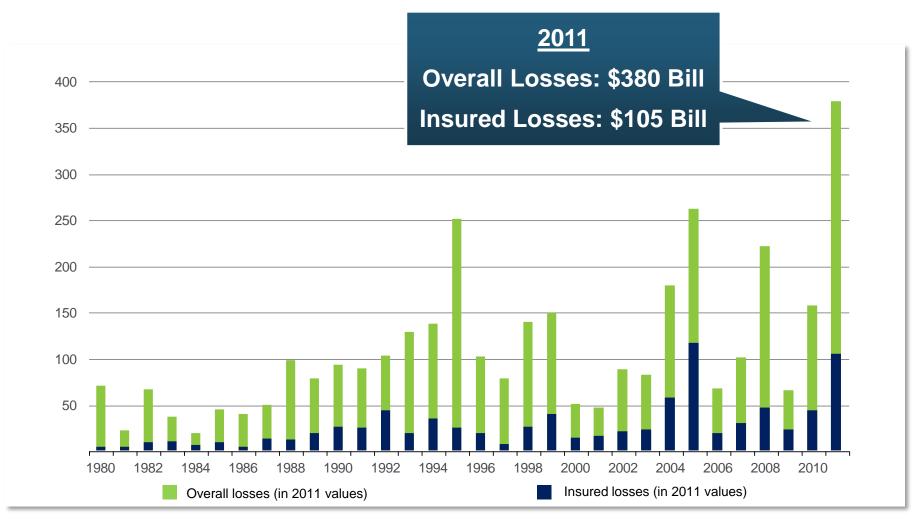
## Worldwide Natural Disasters, 1980 – 2011





## Worldwide Natural Disasters 1980–2011, Overall and Insured Losses





© 2011 Munich Re

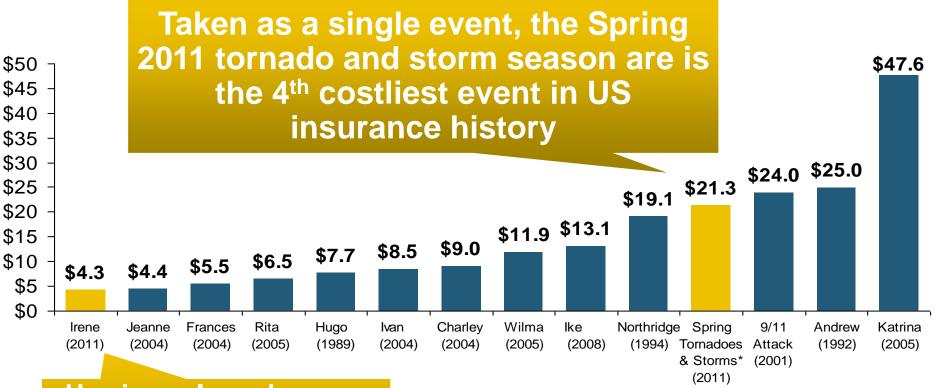


## U.S. Insured Catastrophe Loss Update

## 2011 Was One of the Most Expensive Years on Record

## Top 14 Most Costly Disasters in U.S. History

(Insured Losses, 2011 Dollars, \$ Billions)

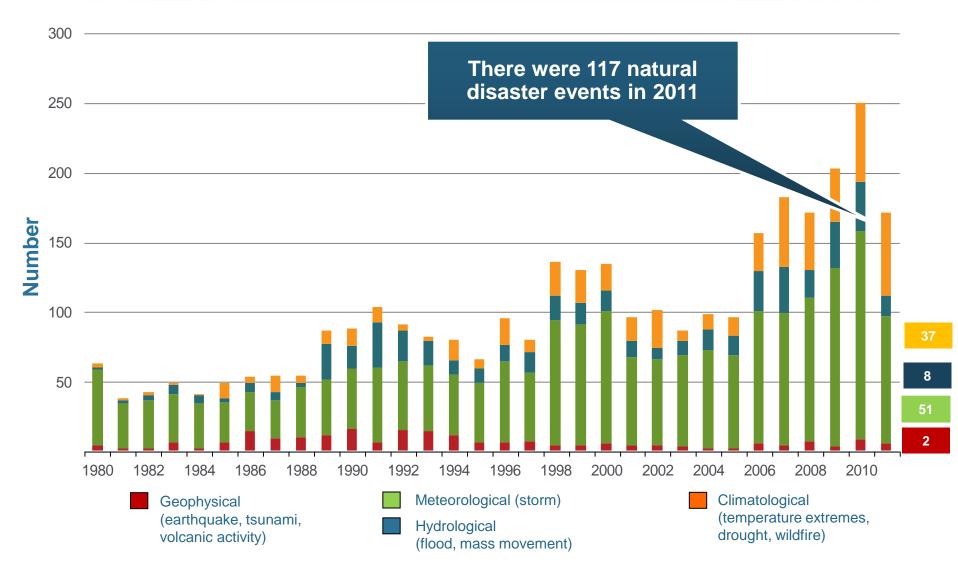


#### Hurricane Irene became the 11<sup>th</sup> most expense hurricane in US history

\*Losses will actually be broken down into several "events" as determined by PCS. Includes losses for the period April 1 – June 30. Sources: PCS; Insurance Information Institute inflation adjustments.

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### Natural Disasters in the United States, 1980 – 2011 Number of Events (Annual Totals 1980 – 2011)

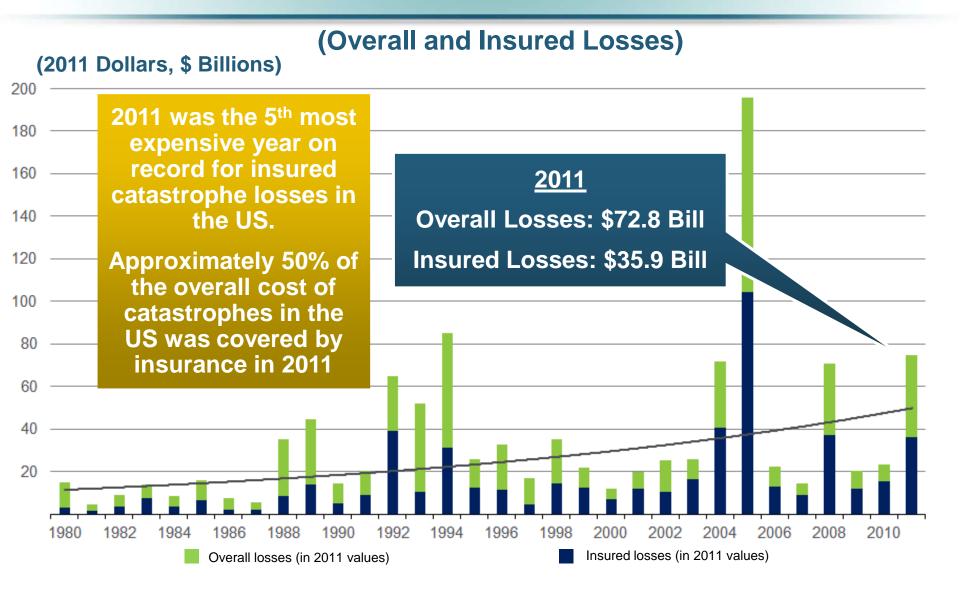


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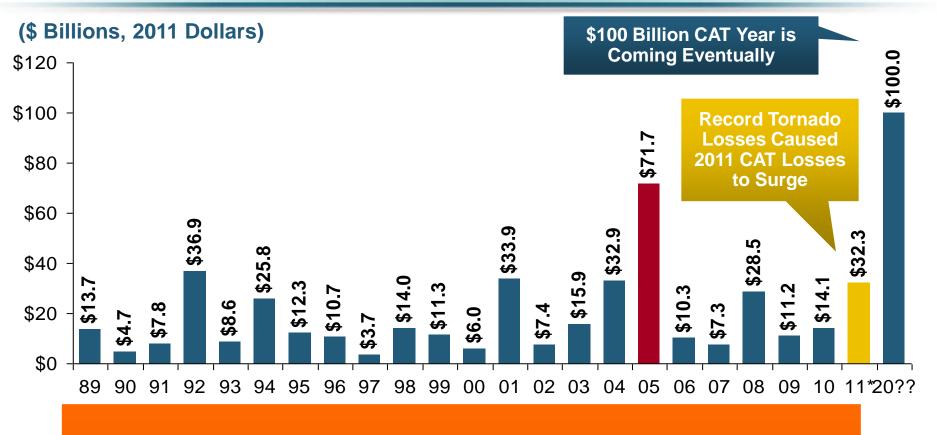
# Losses Due to Natural Disasters in the US, 1980–2011 (Overall & Insured Losses)





## **US Insured Catastrophe Losses**





US CAT Losses in 2011 Were the 5<sup>th</sup> Highest in US History on An Inflation Adjusted Basis

\*PCS figure as of April 6, 2012.

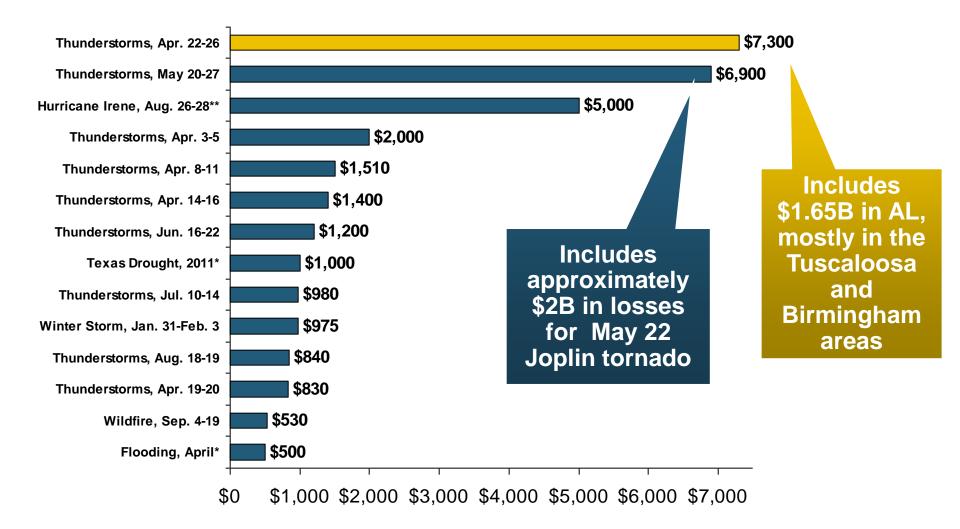
Note: 2001 figure includes \$20.3B for 9/11 losses reported through 12/31/01 (\$25.9B 2011 dollars). Includes only business and personal property claims, business interruption and auto claims. Non-prop/BI losses = \$12.2B (\$15.6B in 2011 dollars.) Sources: Property Claims Service/ISO; Insurance Information Institute.

# Natural Disaster Losses in the United States: 2011



As of Jan. 1, 2012	Number of Events	Fatalities	Estimated Overall Losses (US \$m)	Estimated Insured Losses (US \$m)
Severe Thunderstorm	69	617	46,548	25,813
Winter Storm	9	67	2,708	2,017
Flood	14	20	2,705	535
Earthquake	5	1	257	50
Tropical Cyclone	3	0	10,700	5,510
Wildfire	58	15	1,922	855
Other	2	33	8,000	1,000

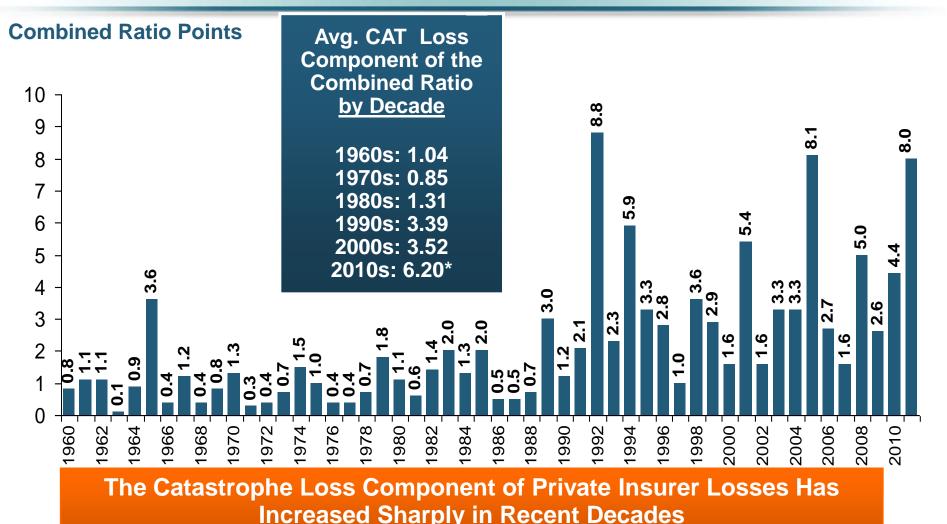
## 2011's Most Expensive Catastrophes, Insured Losses



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\*\*Includes \$700 million in flood losses insured through the National Flood Insurance Program. Source: PCS except as noted by "\*" which are sourced to Munich Re; Insurance Information Institute.

# Combined Ratio Points Associated with Catastrophe Losses: 1960 – 2011\*



\*Insurance Information Institute estimates for 2010 and 2011 based on A.M. Best and ISO data.

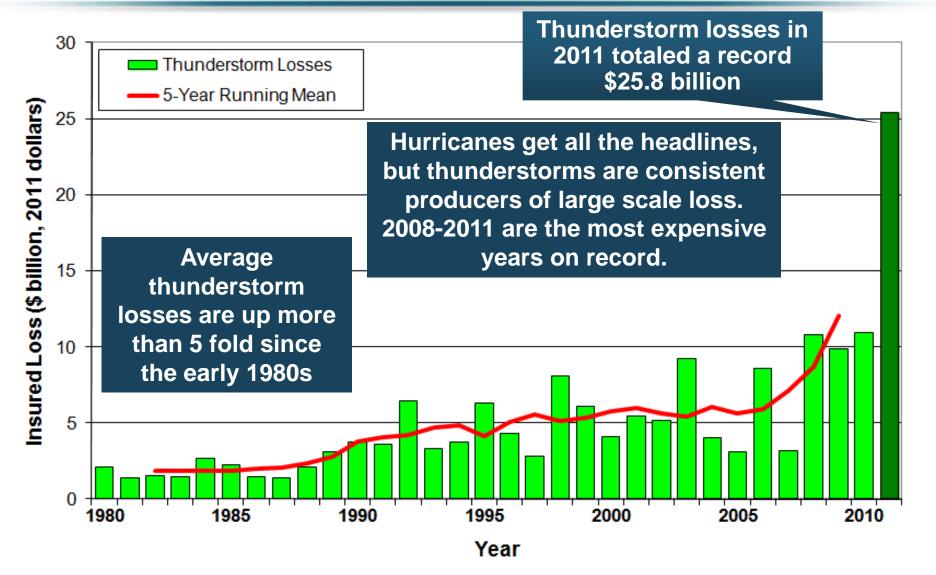
Notes: Private carrier losses only. Excludes loss adjustment expenses and reinsurance reinstatement premiums. Figures are adjusted for losses ultimately paid by foreign insurers and reinsurers.

Source: ISO; Insurance Information Institute.

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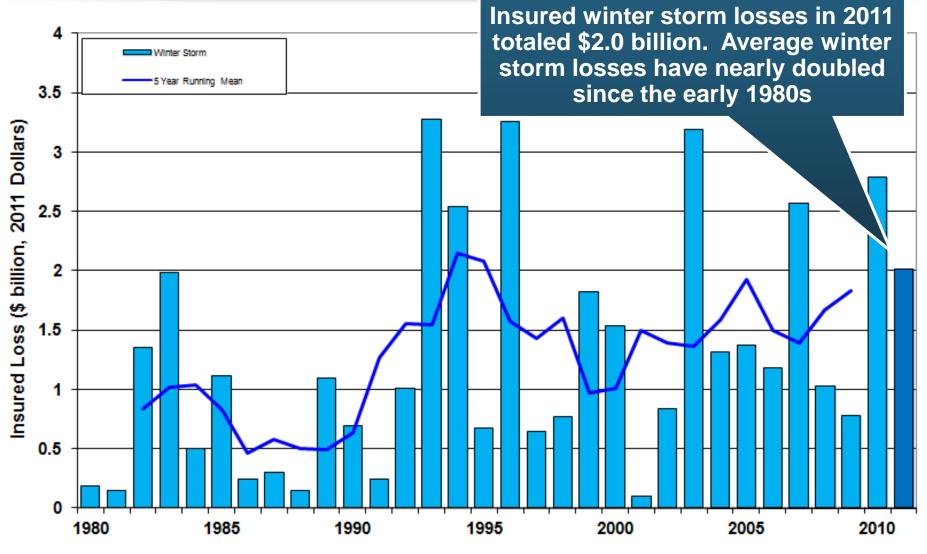
## U.S. Thunderstorm Loss Trends, 1980 – 2011





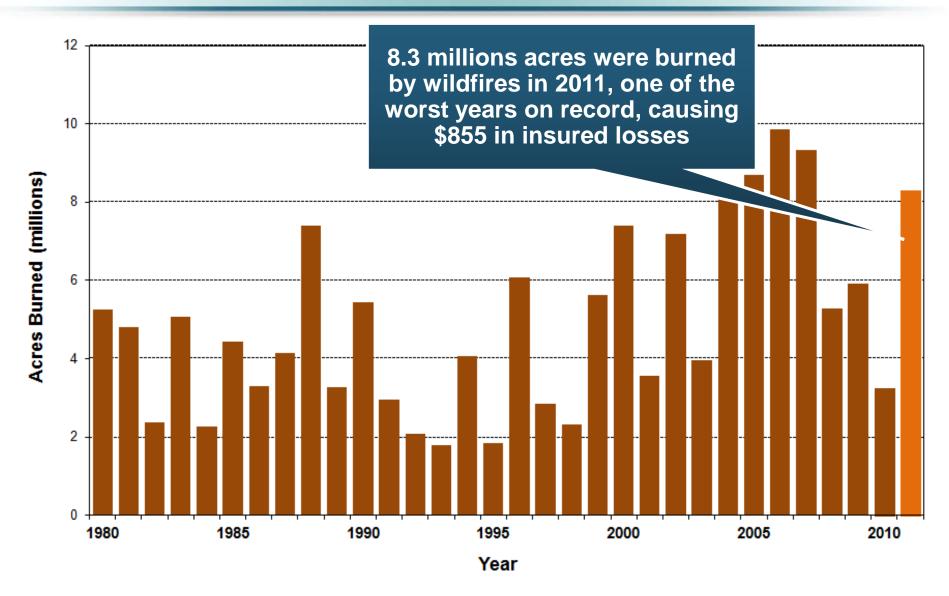
## U.S. Winter Storm Loss Trends, 1980 – 2011





## U.S. Acreage Burned by Wildfires, 1980 – 2011





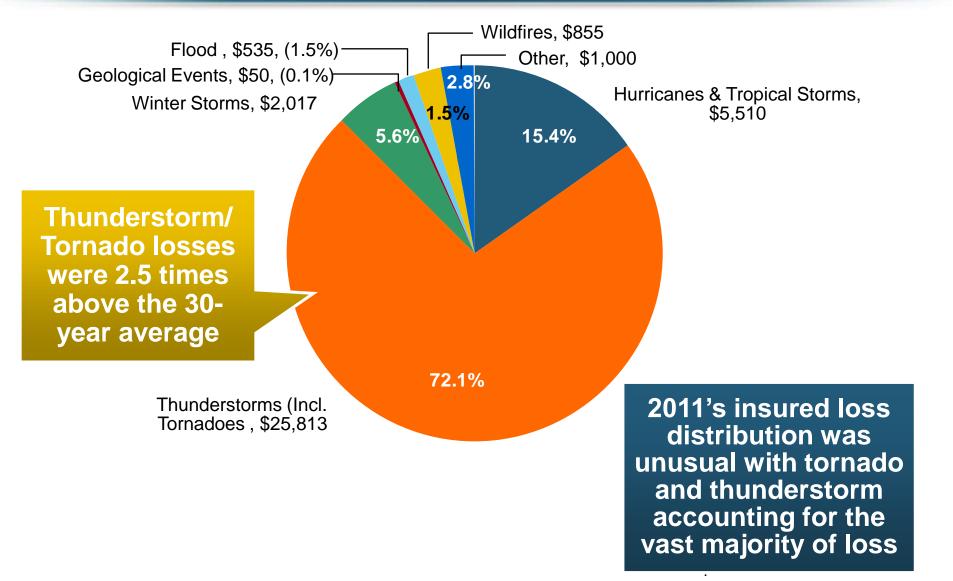
#### **Notable Wildfires in 2011**

- Worst wildfire year on record in Texas due to persistent drought.
- Spring: Over 3 million acres burned in west Texas from 12 major seats of fire. Over 200 homes and businesses destroyed, \$50 million insured loss.
- September: Bastrop County Complex Fire near San Antonio destroys over 1,600 homes, insured loss of \$530 million.





# U.S. Insured Catastrophe Losses by Cause of Loss, 2011 (\$ Millions)



Source: ISO's Property Claim Services Unit, Munich Re; Insurance Information Institute.

#### Inflation Adjusted U.S. Catastrophe Losses by Cause of Loss, 1990–2011:H1<sup>1</sup> Wind/Hail/Flood (3), \$12.7-Fires (4), \$9.0 Other (5), \$0.6 2.4% Geological Events, \$18.5 4.9%<mark>3.4%</mark>0.2% Terrorism, \$24.9 6.6% 42.7% Winter Storms, \$30.0 8.0% Hurricanes & Tropical Storms, \$160.5 **Tornado share of**

 Strate of CAT losses is rising
 31.8%

 Mind losses are by far cause the most catastrophe losses, even if hurricanes/TS are excluded.

1. Catastrophes are defined as events causing direct insured losses to property of \$25 million or more in 2009 dollars.

- 2. Excludes snow.
- 3. Does not include NFIP flood losses
- 4. Includes wildland fires

5. Includes civil disorders, water damage, utility disruptions and non-property losses such as those covered by workers compensation. Source: ISO's Property Claim Services Unit.

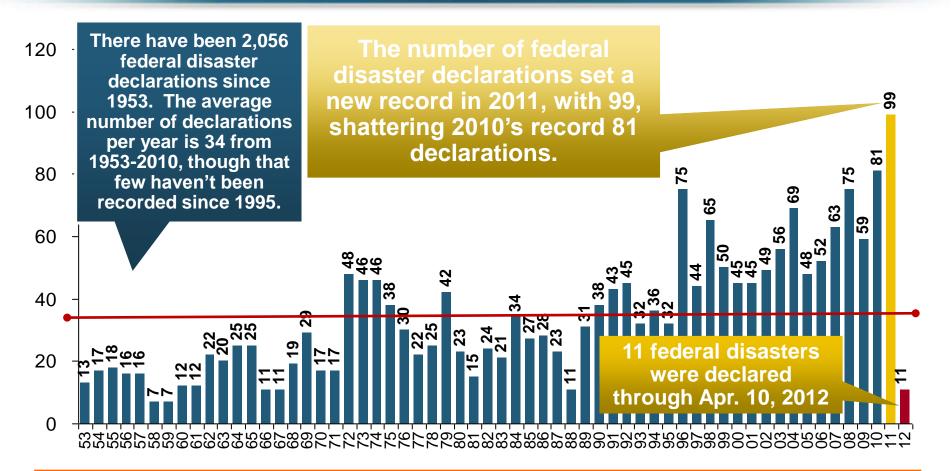


### Federal Disaster Declarations Patterns: 1953-2012

Records Were Set for Federal Disaster Declarations in 2010 and 2011—Most Declarations Were Unrelated to Tropical Activity

#### Number of Federal Disaster Declarations, 1953-2012\*



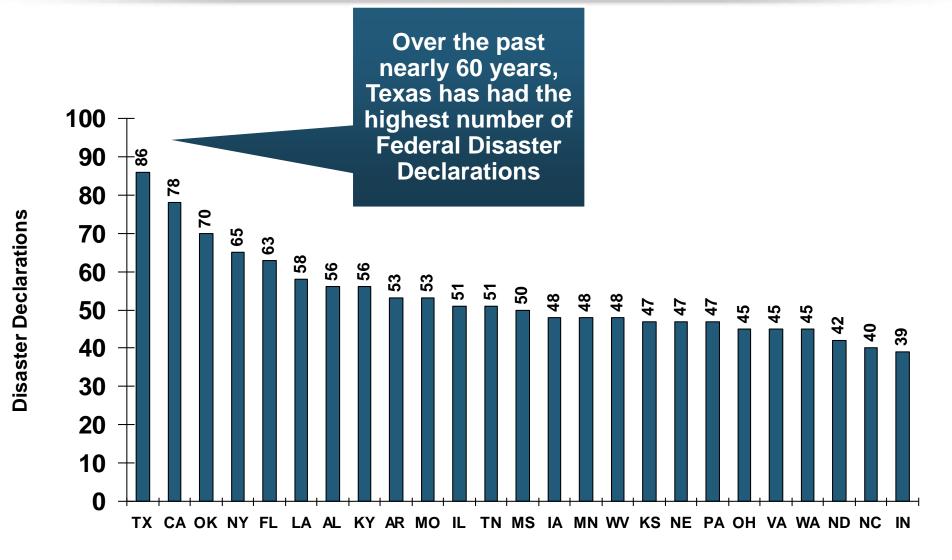


### The Number of Federal Disaster Declarations Is Rising and Set New Records in 2010 and 2011

\*Through April 10, 2012.

Source: Federal Emergency Management Administration: <u>http://www.fema.gov/news/disaster\_totals\_annual.fema</u>; Insurance Information Institute.

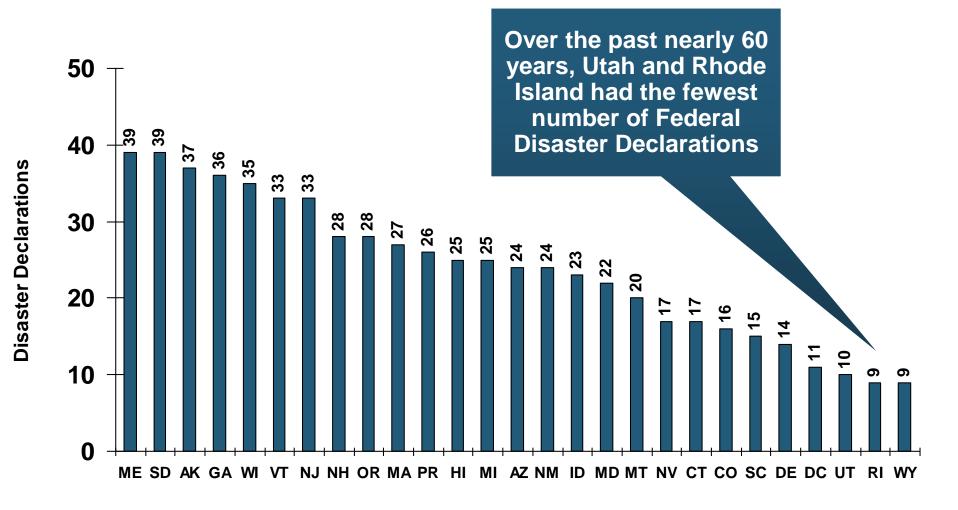
#### Federal Disasters Declarations by State, 1953 – 2012: Highest 25 States\*



\*Through Apr. 10, 2012.

Source: FEMA: <u>http://www.fema.gov/news/disaster\_totals\_annual.fema;</u> Insurance Information Institute.

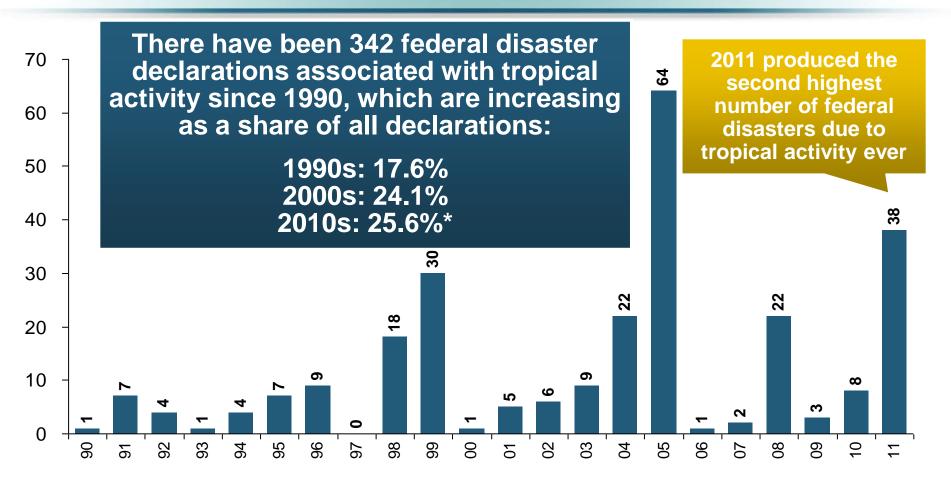
#### Federal Disasters Declarations by State, 1953 – 2012: Lowest 25 States\*



\*Through Apr. 10, 2012. Includes Puerto Rico and the District of Columbia.

Source: FEMA: <u>http://www.fema.gov/news/disaster\_totals\_annual.fema;</u> Insurance Information Institute.

#### Number of Federal Disaster Declarations Associated w/ Tropical Systems, 1990-2011



#### The Share of Federal Disaster Declarations Associated with Tropical Activity Has Been Rising

\*Consists of data for 2010 and 2011.

Source: Federal Emergency Management Administration: <u>http://www.fema.gov/news/disaster\_totals\_annual.fema</u>; Insurance Information Institute research.

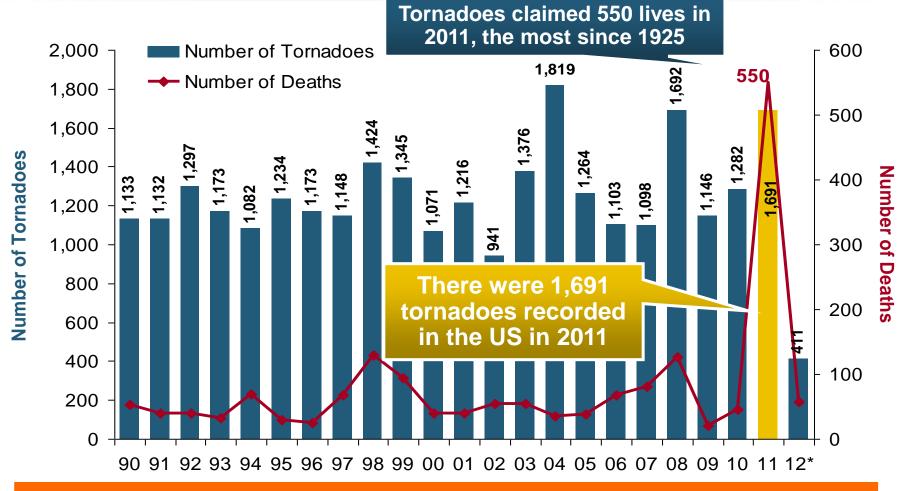
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# SPRING 2012 TORNADO & SEVERE STORM OUTBREAK

### 2012 Is Off to a Worrisome Start, But a Repeat of 2011 Is Unlikely

# Number of Tornadoes and Related Deaths, 1990 – 2012\*



#### 2012 Tornado Losses Is Off to a Ominous Beginning. First Half 2011 Insured Losses from Tornadoes and Thunderstorms Topped \$21B.

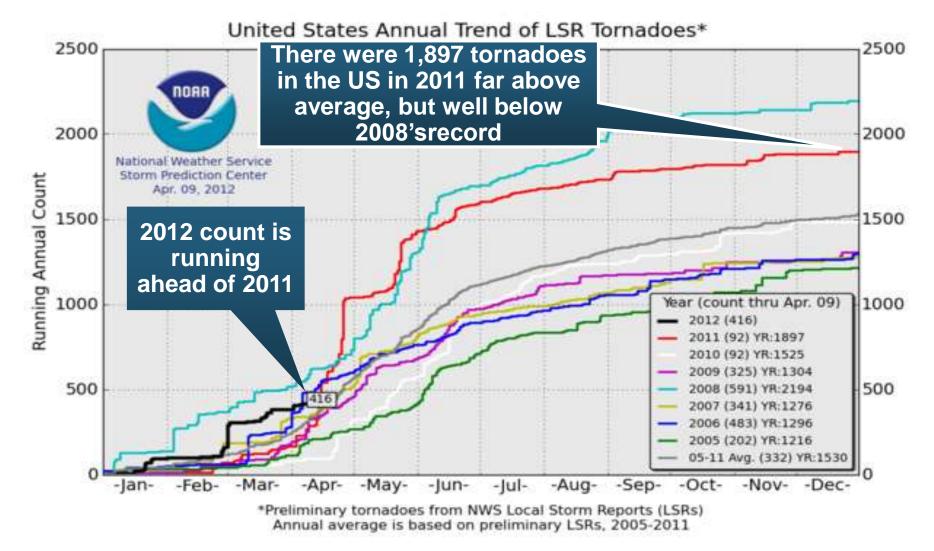
\*Through April 7, 2012.

Source: U.S. Department of Commerce, Storm Prediction Center, National Weather Service at http://www.spc.noaa.gov/climo/online/monthly/newm.html

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#### U.S. Tornado Count, 2005-2012\*

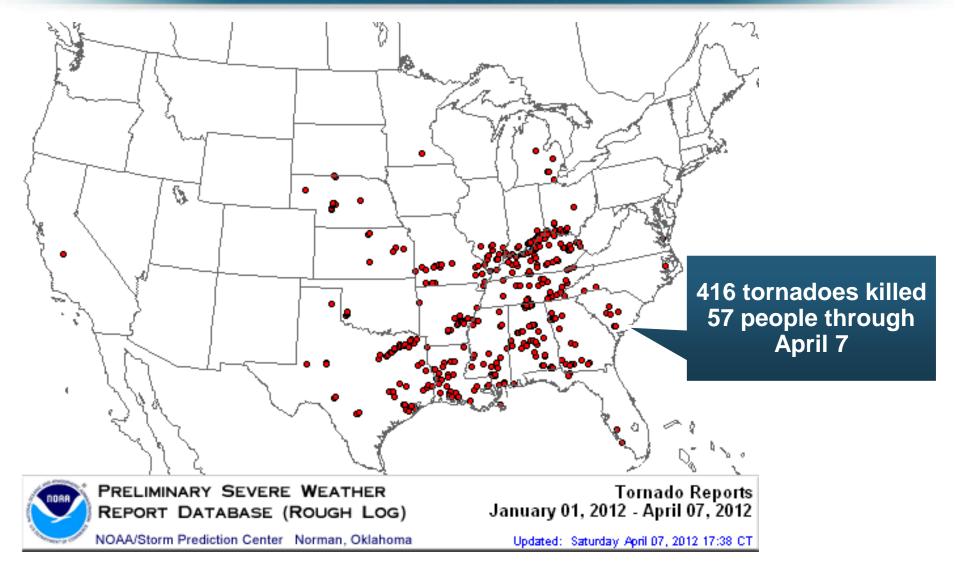




\*Through April 9, 2012. Source: <u>http://www.spc.noaa.gov/wcm/</u>

#### Location of Tornadoes in the US, 2012\*

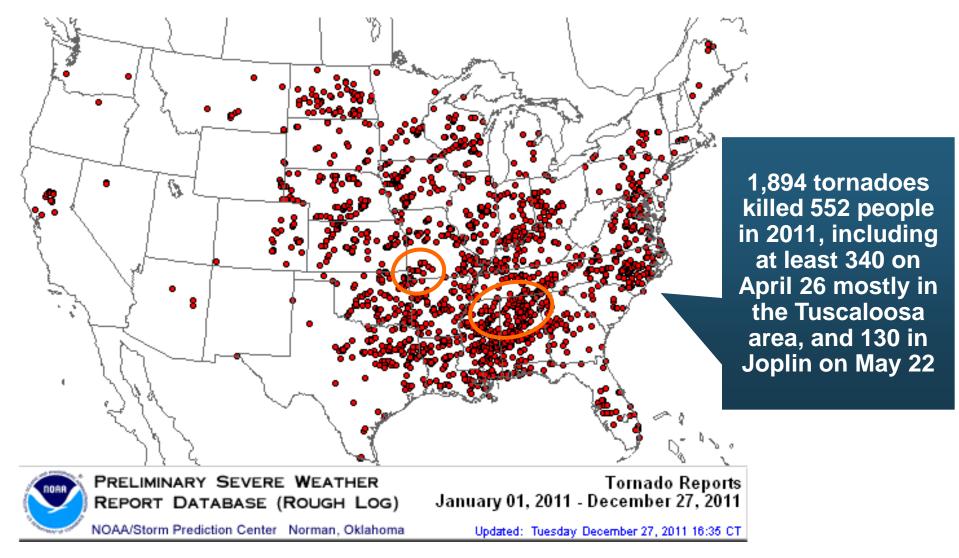




\*Through April 7, 2012.

Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2012 annual summary.html#

#### Location of Tornadoes in the US, 2011



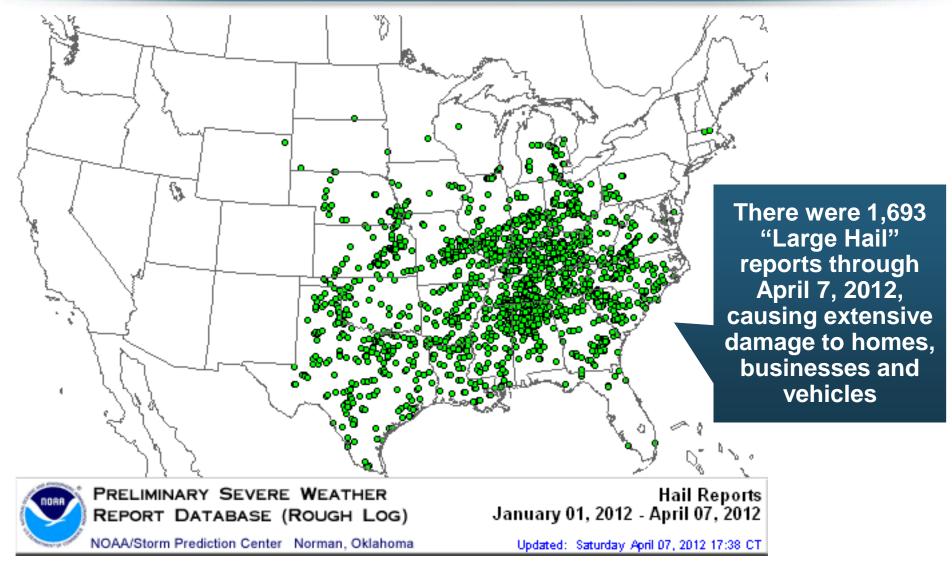
Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2011\_annual\_summary.html#

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# Location of Large Hail Reports in the US, 2012\*



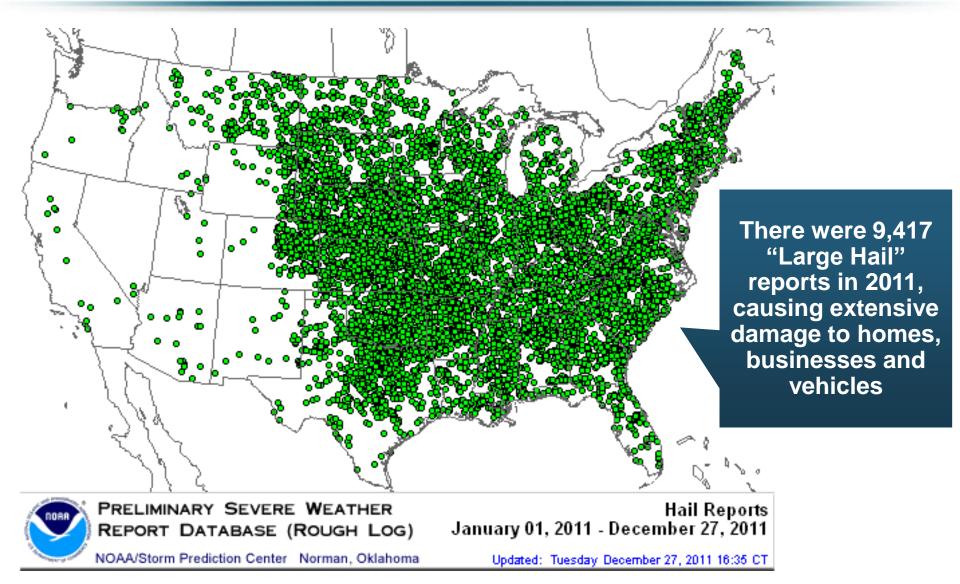


\*Through April 7, 2012.

Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2012 annual summary.html#

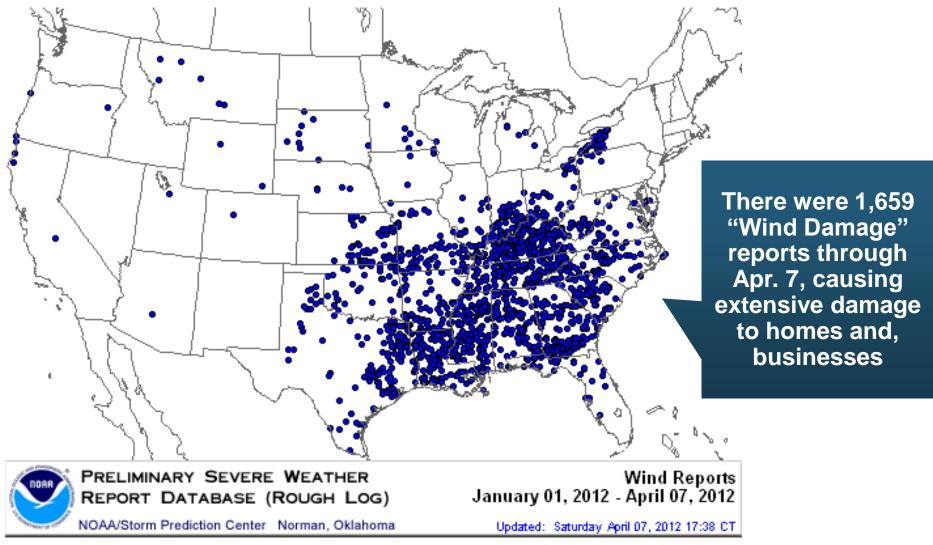
# Location of Large Hail Reports in the US, 2011





Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2011\_annual\_summary.html#

# Location of Wind Damage Reports in the US, 2012\*

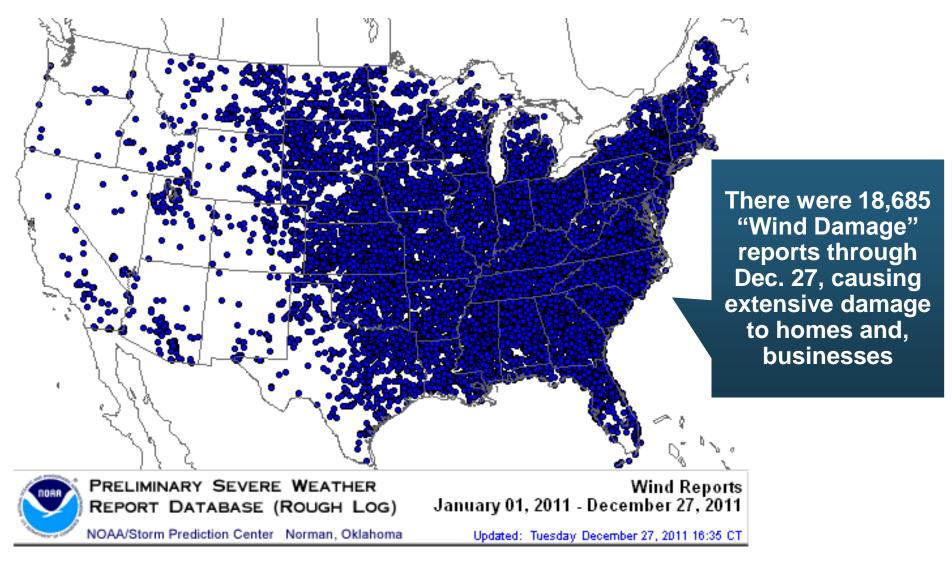


\*Through April 7, 2012.

Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2012 annual summary.html#

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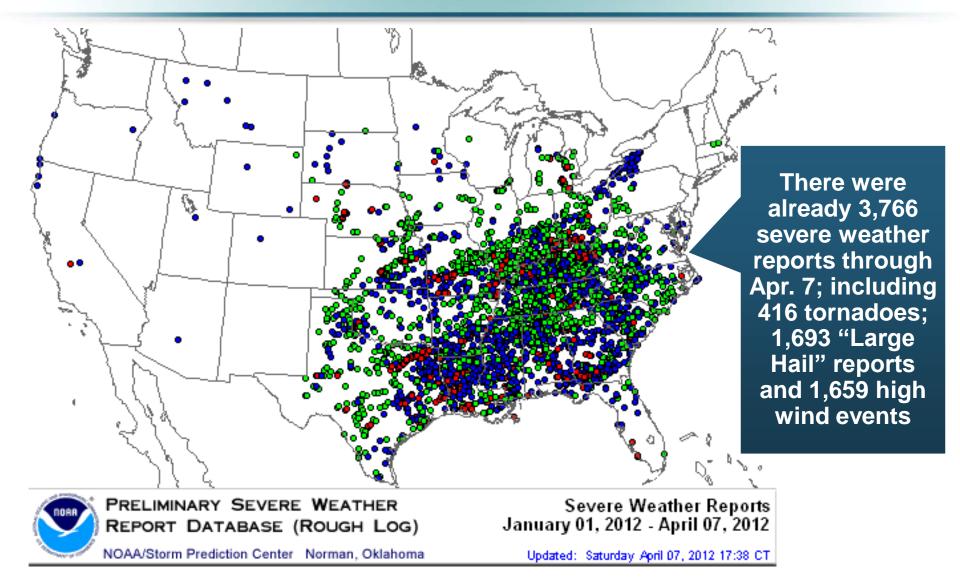
# Location of Wind Damage Reports in the US, 2011



Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2011\_annual\_summary.html#

#### Severe Weather Reports, 2012\*

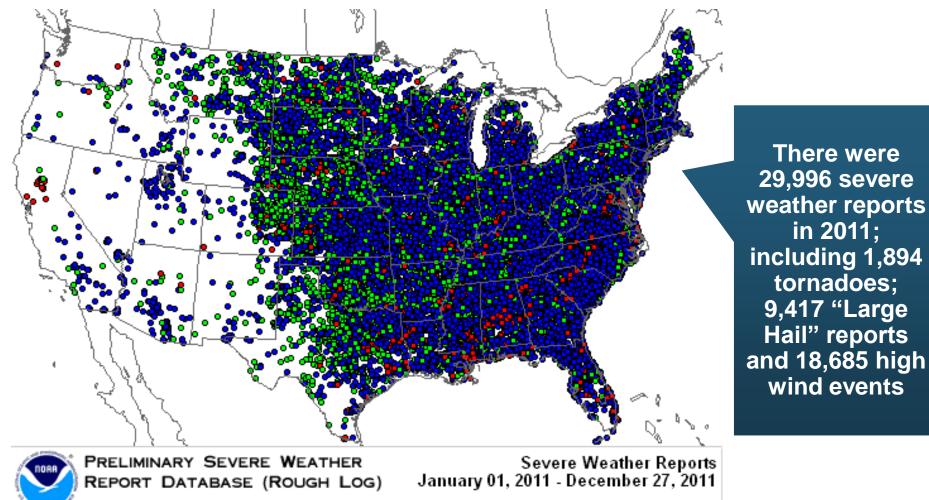




Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2012 annual summary.html#

#### **Severe Weather Reports, 2011**





NOAA/Storm Prediction Center Norman, Oklahoma

Updated: Tuesday December 27, 2011 16:35 CT

Source: NOAA Storm Prediction Center; <u>http://www.spc.noaa.gov/climo/online/monthly/2011\_annual\_summary.html#</u>

#### Insurers Making a Difference in Impacted Communities



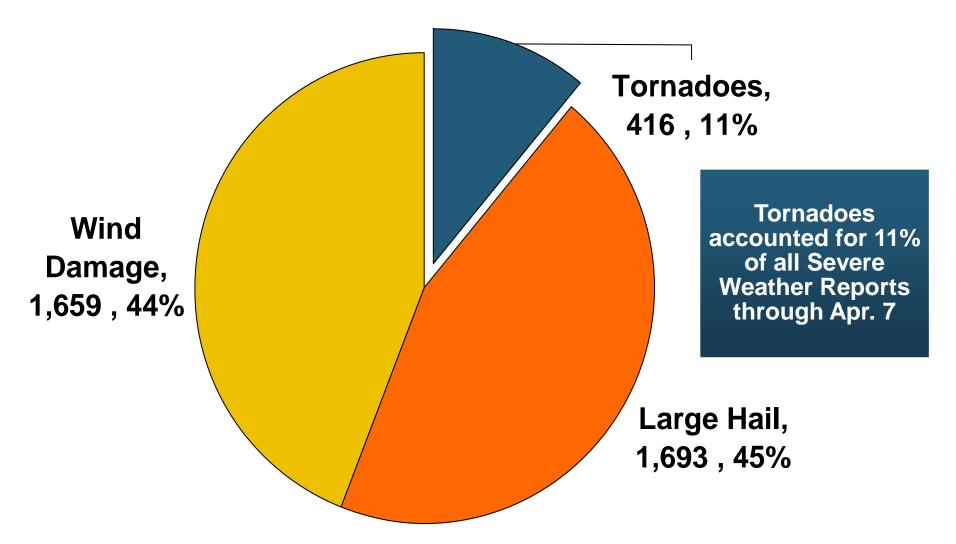


Destroyed home in Tuscaloosa. Insurers will pay some 165,000 claims totaling \$2 billion in the Tuscaloosa/ Birmingham areas alone.

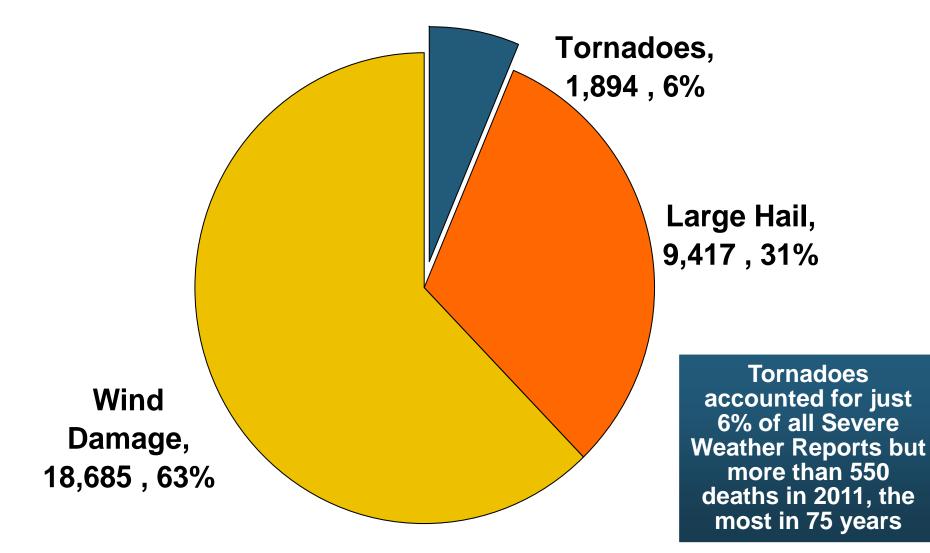
Presentation of a check to Tuscaloosa Mayor Walt Maddox to the Tuscaloosa Storm Recovery Fund



#### Number of Severe Weather Reports in US, by Type, 2012\*



#### Number of Severe Weather Reports in US, by Type, 2011

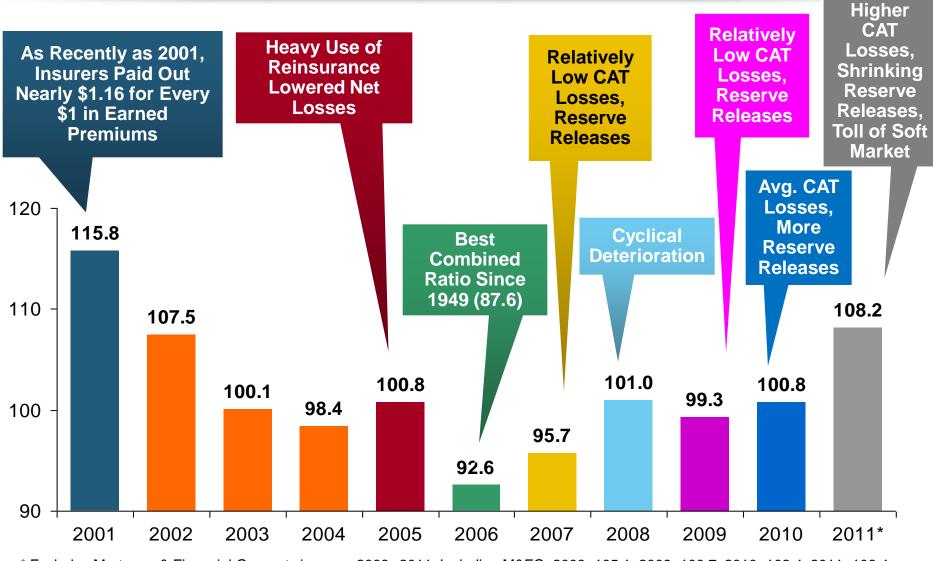




### Underwriting Trends: Cycle, Catastrophes Are Among 2011 and 2012 Drivers

#### P/C Insurance Industry Combined Ratio, 2001–2011\*

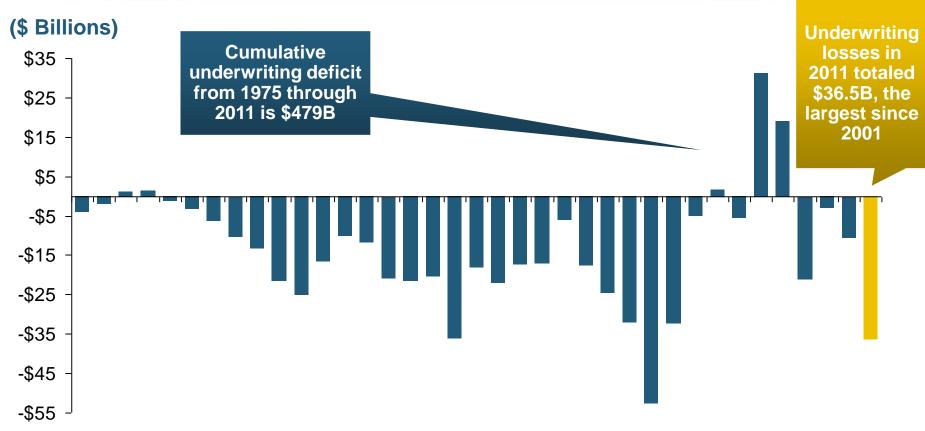
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\* Excludes Mortgage & Financial Guaranty insurers 2008--2011. Including M&FG, 2008=105.1, 2009=100.7, 2010=102.4, 2011=106.4 Sources: A.M. Best, ISO.

#### Underwriting Gain (Loss) 1975–2011E\*

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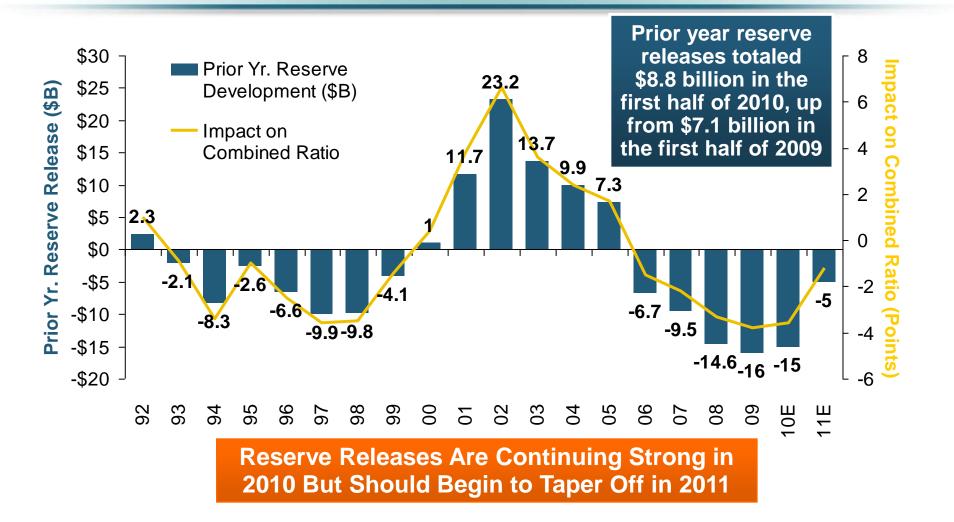


75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 1011\*

### Large Underwriting Losses Are *NOT* Sustainable in Current Investment Environment

\* Includes mortgage and financial guaranty insurers in all years Sources: A.M. Best, ISO; Insurance Information Institute.

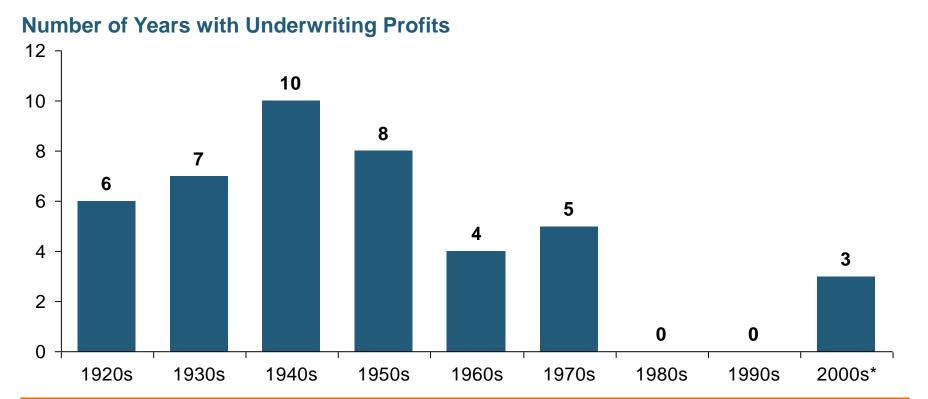
#### P/C Reserve Development, 1992–2011E



Note: 2005 reserve development excludes a \$6 billion loss portfolio transfer between American Re and Munich Re. Including this transaction, total prior year adverse development in 2005 was \$7 billion. The data from 2000 and subsequent years excludes development from financial guaranty and mortgage insurance.

Sources: Barclay's Capital; A.M. Best.

#### Number of Years with Underwriting Profits by Decade, 1920s–2000s



Underwriting Profits Were Common Before the 1980s (40 of the 60 Years Before 1980 Had Combined Ratios Below 100) – But Then They Vanished. Not a Single Underwriting Profit Was Recorded in the 25 Years from 1979 Through 2003

\* 2000 through 2009. 2009 combined ratio excluding mortgage and financial guaranty insurers was 99.3, which would bring the 2000s total to 4 years with an underwriting profit.

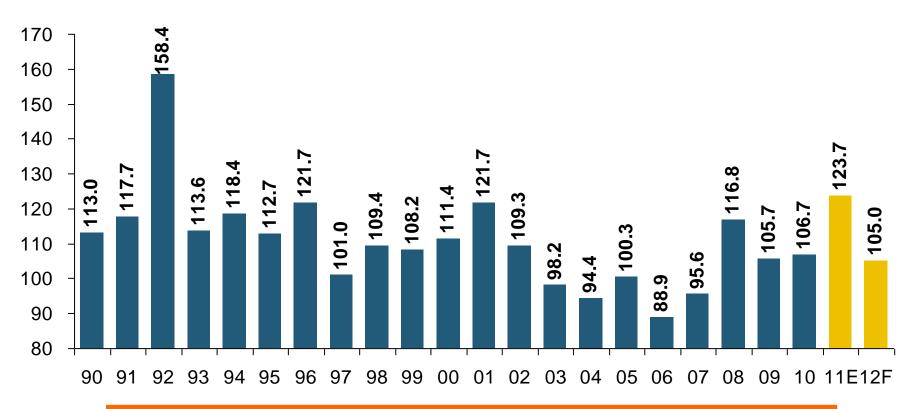
Note: Data for 1920–1934 based on stock companies only.

Sources: Insurance Information Institute research from A.M. Best Data.



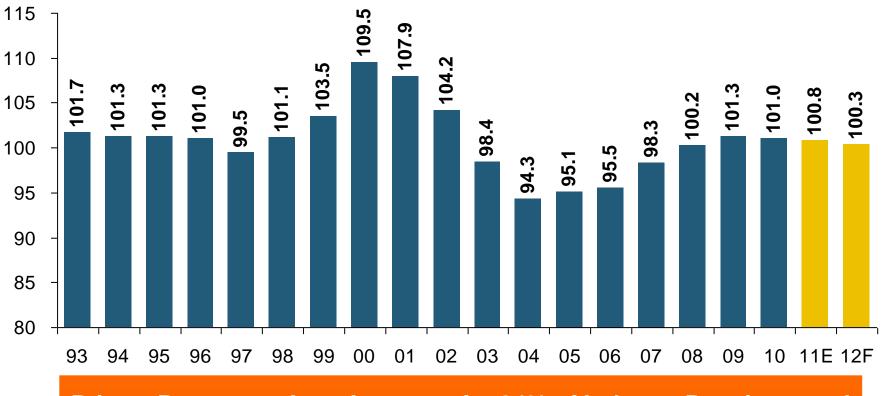
### Performance by Segment: Personal Lines

#### Homeowners Insurance Combined Ratio: 1990–2012F



Homeowners Line Could Deteriorate in 2011 Due to Large Cat Losses. Extreme Regional Variation Can Be Expected Due to Local Catastrophe Loss Activity

#### Private Passenger Auto Combined Ratio: 1993–2012P



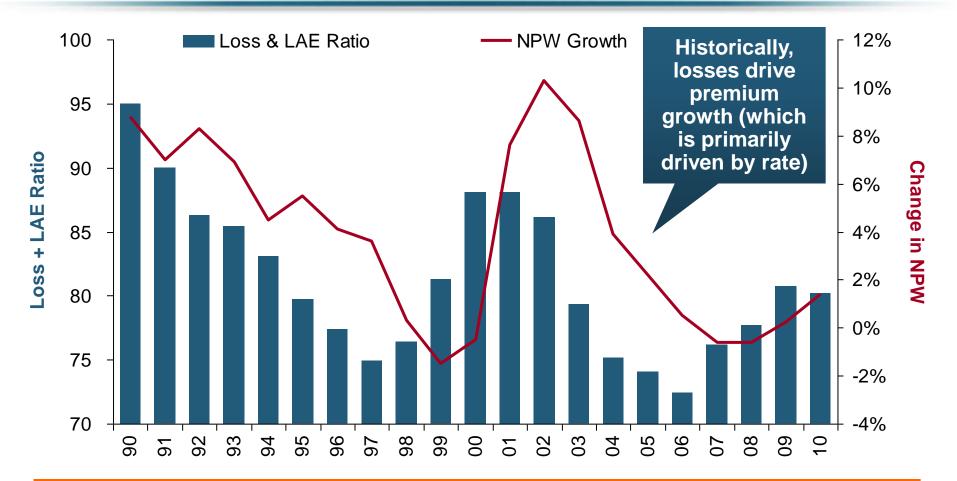
Private Passenger Auto Accounts for 34% of Industry Premiums and Remains the Profit Juggernaut of the P/C Insurance Industry



### **Cycle Drivers**

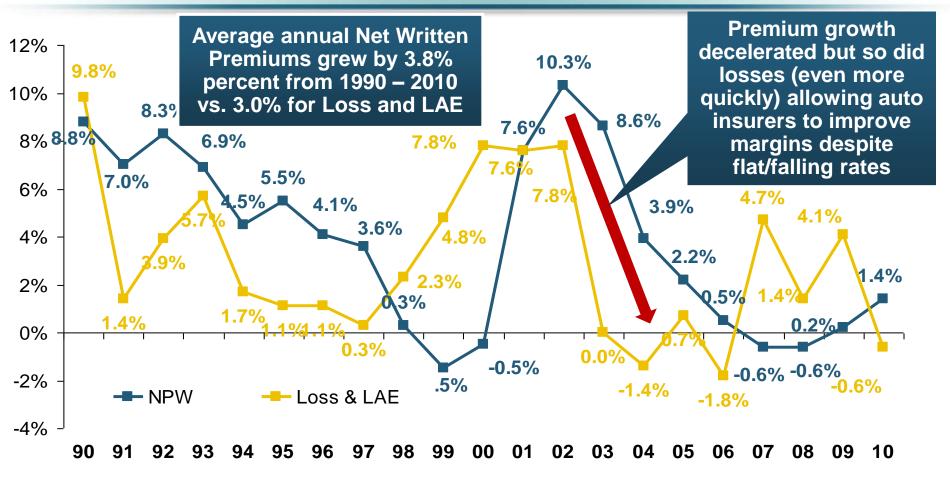
### The Role of Losses and Reserves in the Underwriting Cycle

#### PP Auto Liability: Loss and LAE vs. Net Premiums Written, 1990-2010



While Premium Growth Decelerated, the Driver Was Primarily Lower Losses, Allowing Auto Insurers to Maintain String Margins

### PP Auto Liability: % Change in NPW vs. iii % Change in Loss & LAE, 1990 - 2010



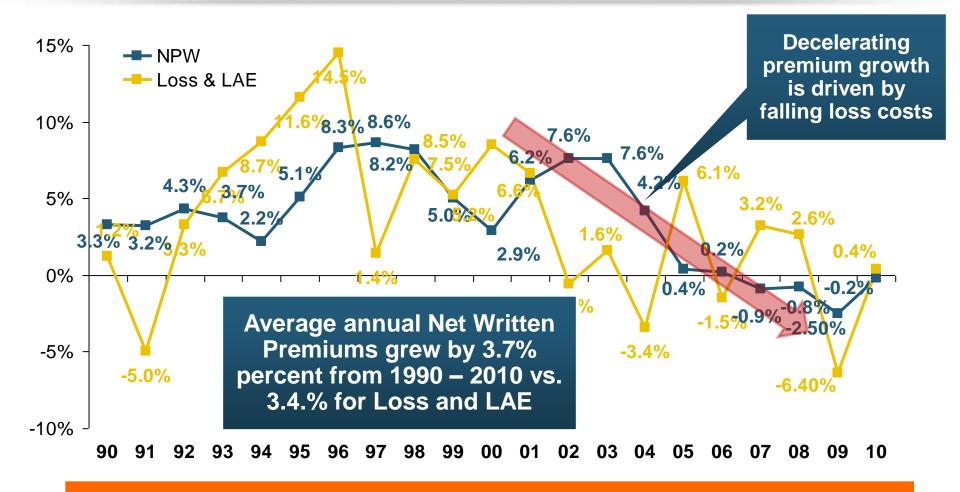
Losses Drive Premiums

#### Premiums Exhibit an Elastic Response (with a Lag) to Changes in Losses

Sources: Insurance Information Institute calculations from A.M. Best data..

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#### PP Auto Physical Damage: Change in NPW vs. Change in Loss & LAE, 1990 - 2010

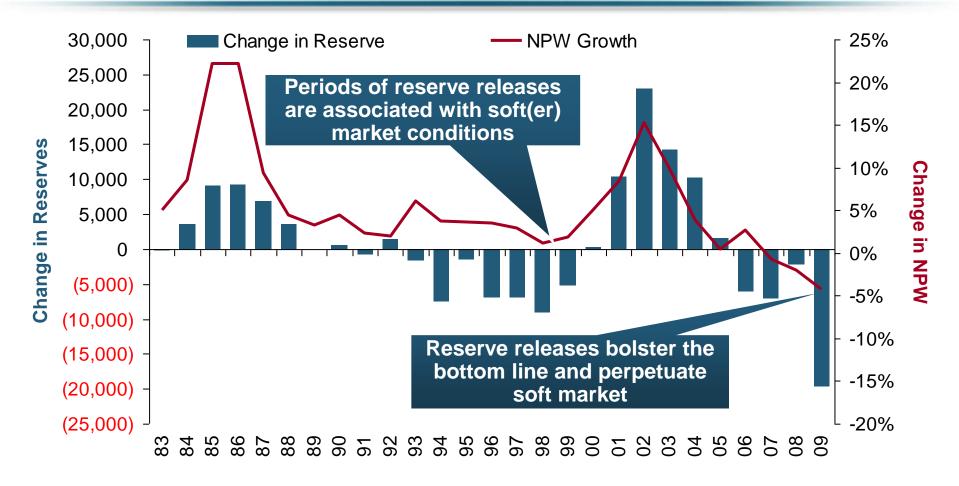


#### Loss Trends Ultimately Drive Premium Trends

Sources: Insurance Information Institute calculations from A.M. Best data.

### P-C Loss Development vs. Change in NPW, 1983-2009

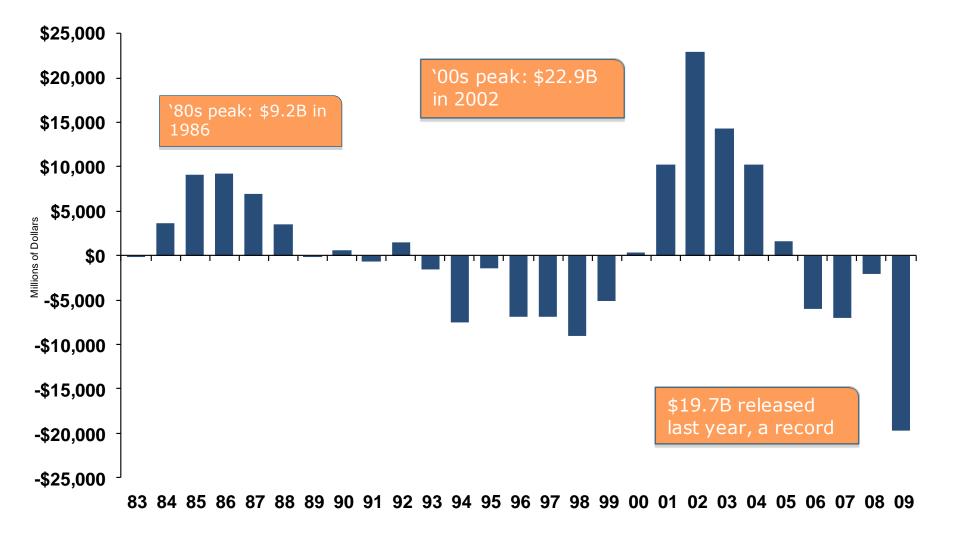
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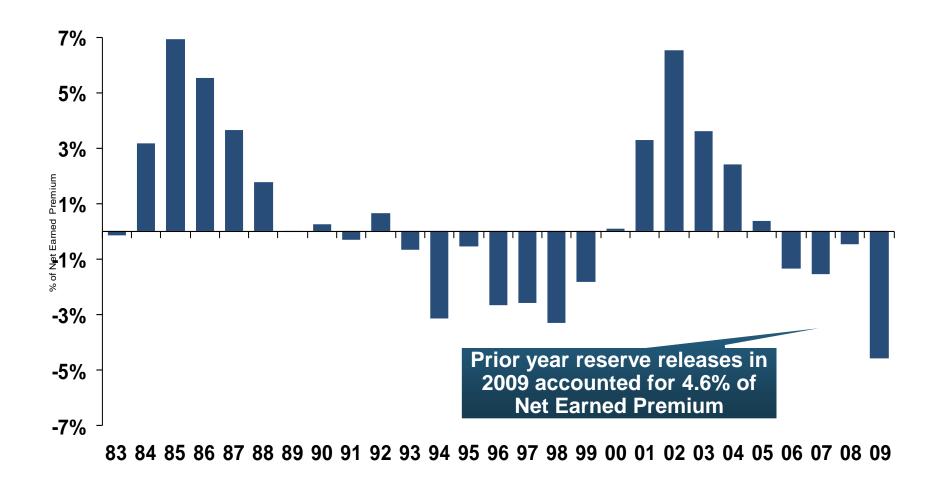
**Reserve Releases, in Addition to Losses, Drive Pricing Cycles** 

#### P-C Industry Loss Development, 1983-2009 (\$ Millions)





# Industry Loss Development as % of Net Earned Premium, 1983-2009



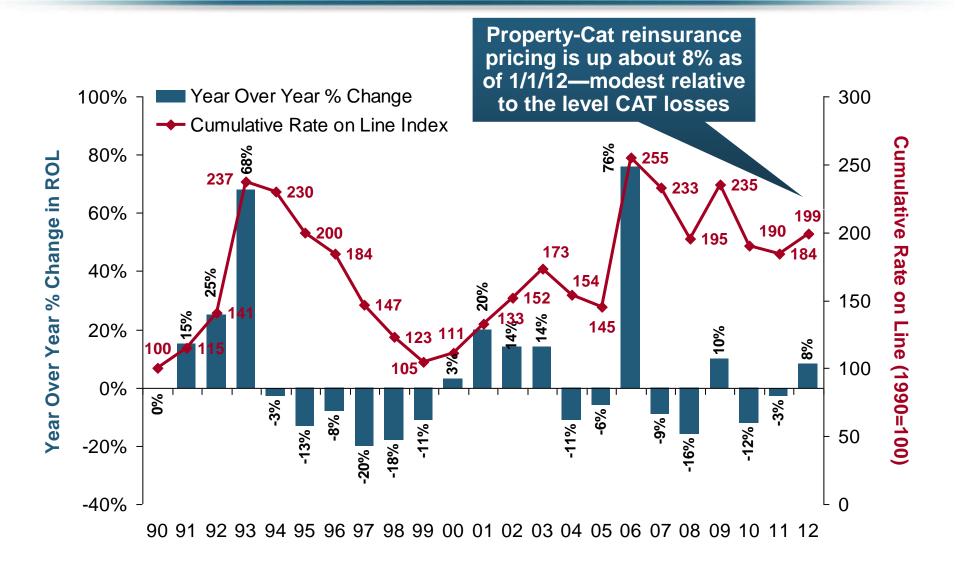
Sources: A.M. Best, Insurance Information Institute



# REINSURANCE MARKET CONDITIONS

# Record Global Catastrophes Activity is Pressuring Pricing

#### Global Property Catastrophe Rate on Line Index, 1990—2012 (as of Jan. 1)



### Historical Capital Levels of Guy Carpenter Reinsurance Composite, 1998—3Q11

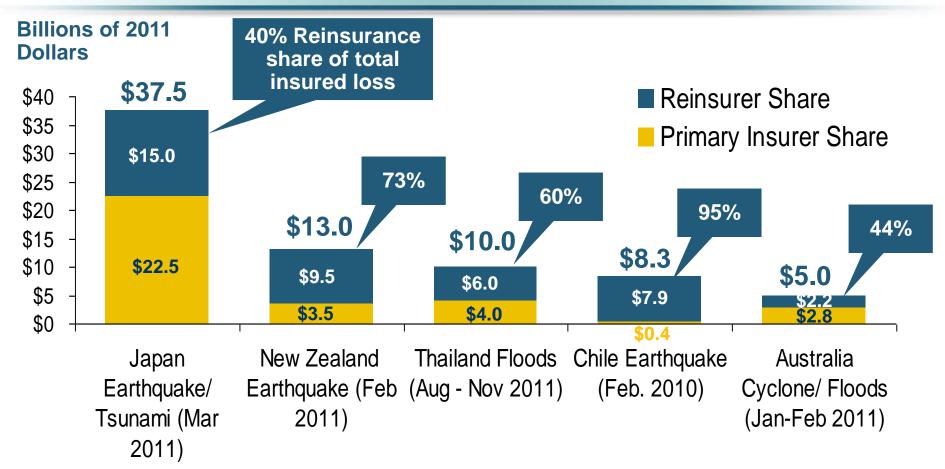
#### LONG-TERM EVOLUTION OF SHAREHOLDERS' FUNDS FOR THE GUY CARPENTER GLOBAL REINSURANCE COMPOSITE



Most excess reinsurance capacity was removed from the market in 2011, but there does not appear to be a shortage, leading to modest increases in 2012 reinsurance renewals except in areas hit hard by CATs.

Source: Guy Carpenter & Company, LLC

## Reinsurer Share of Recent Significant Market Losses



#### Reinsurers Paid a High Proportion of Insured Losses Arising from Major Catastrophic Events Around the World in Recent Years

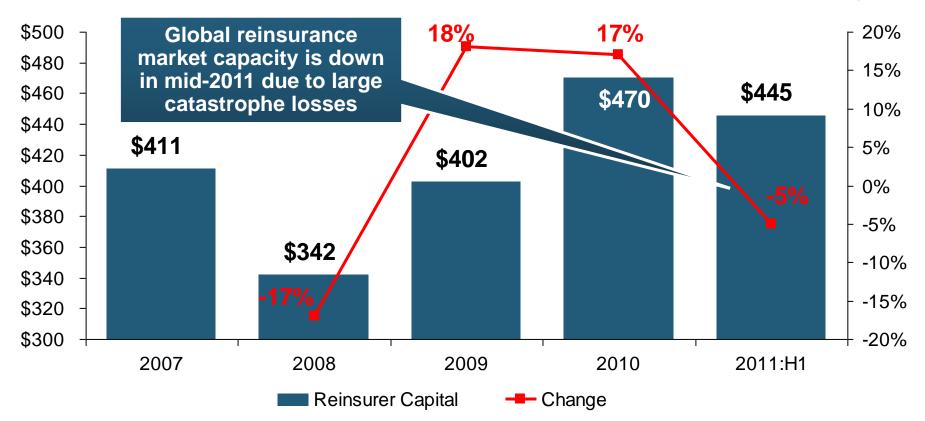
Source: Insurance Information Institute from reinsurance share percentages provided in RAA, ABIR and CEA press release, Jan. 13, 2011.

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## Global Reinsurance Capital, 2007-2011:H1

#### **Reinsurer Capital**

% Change



#### High Global Catastrophe Losses Have Had a Modest Adverse Impact on Global Reinsurance Market Capacity

Source: Aon Reinsurance Market Outlook, September 2011 from Individual Company and AonBenfield Analytics; Insurance Information Institute.

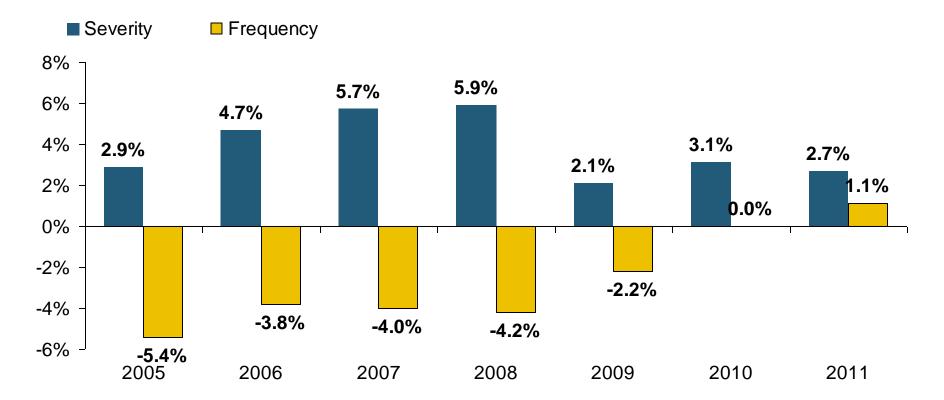


# Claim Trends in Auto Insurance

## Rising Costs Held in Check by Falling Frequency: Can That Pattern Be Sustained?

## **Bodily Injury: Severity Trend Rising, Frequency Decline Has Ended**

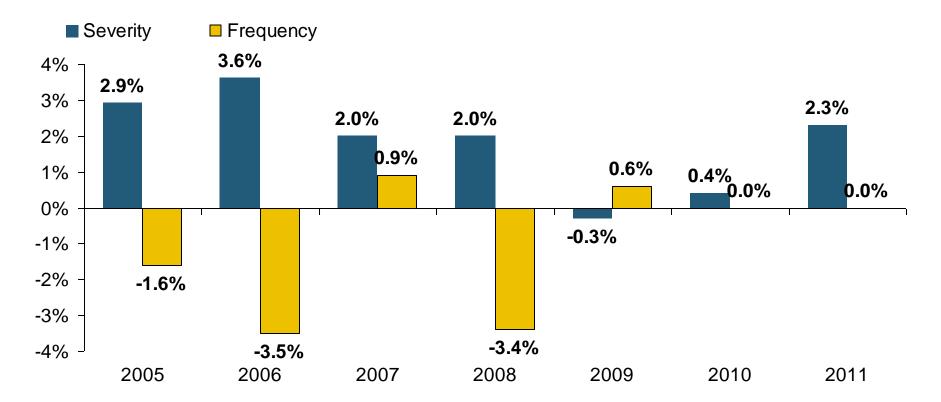




#### Cost Pressures Will Increase if BI Severity Frequency Increases Continue

# Property Damage Liability: Severity is Up,

#### Annual Change, 2005 through 2011

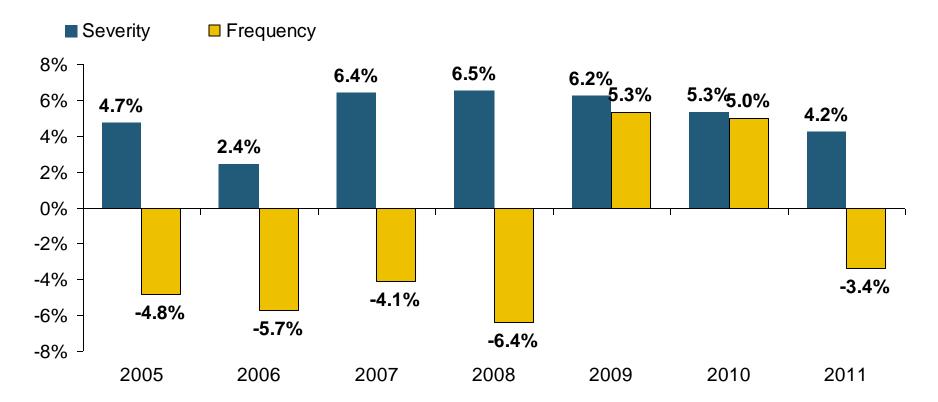


#### Severity/Frequency Trends Were Stable Through 2010, But Rising Severity in 2011 Is a Concern

### No-Fault (PIP) Liability: Severity Trend Remains Adverse\*



#### Annual Change, 2005 through 2011

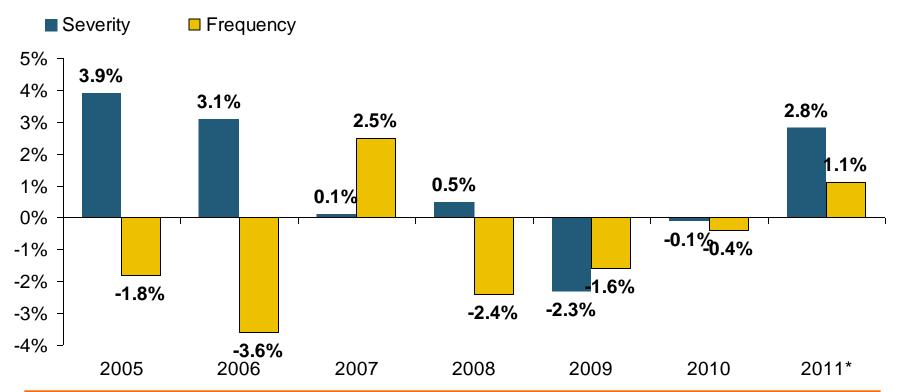


#### Multiple States Are Experiencing Severe Fraud and Abuse Problems in their No-Fault Systems, Especially FL, MI, NY and NJ

\*No-fault states included are: FL, HI, KS, KY, MA, MI, MN, NY, ND and UT. Source: ISO/PCI *Fast Track* data; Insurance Information Institute

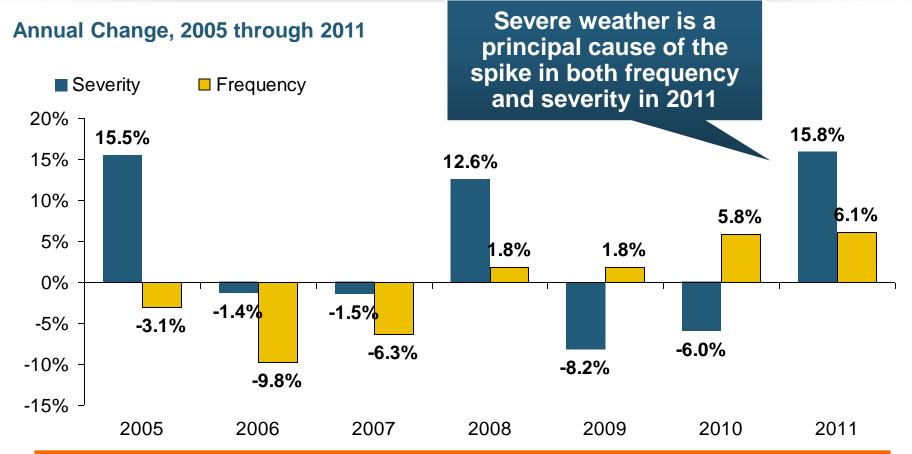
# **Collision Coverage: Frequency and Severity Trends Are Up in 2011**

#### Annual Change, 2005 through 2011



The Recession, High Fuel Prices Have Helped Temper Frequency and Severity, But this Trend Will Likely Be Reversed Based on Evidence from Past Recoveries

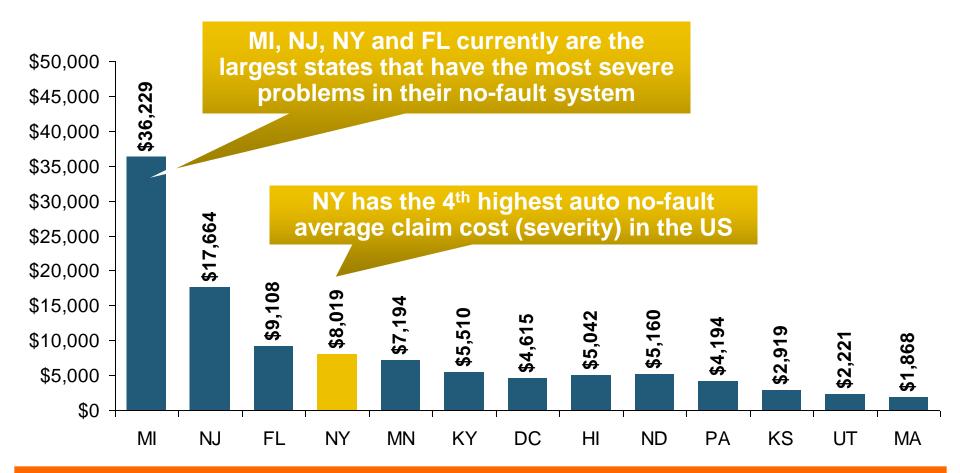
## Comprehensive Coverage: Frequency and Severity Trends in 2011 Were Unfavorable



Weather Creates Volatility for Comprehensive Coverage; Recession Has Helped Push Down Frequency and Temper Severity, But This Factor Will Weaken as Economy Recovers

# Average No-Fault Claim Severity, 2011:Q3\*

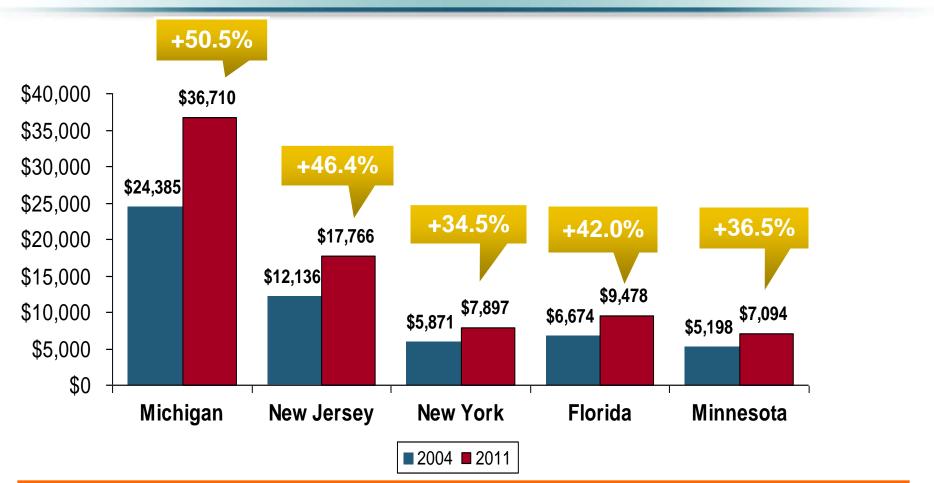




#### Several States Including NY Have Severe and Growing Problems With Rampant Fraud and Abuse in their No-Fault Systems. Claim Severities Are Up Sharply.

\*Average of the four quarters ending 2011:Q3. Source: ISO/PCI *Fast Track* data; Insurance Information Institute.

### Increase in No-Fault Claim Severity: Selected States, 2004-2011



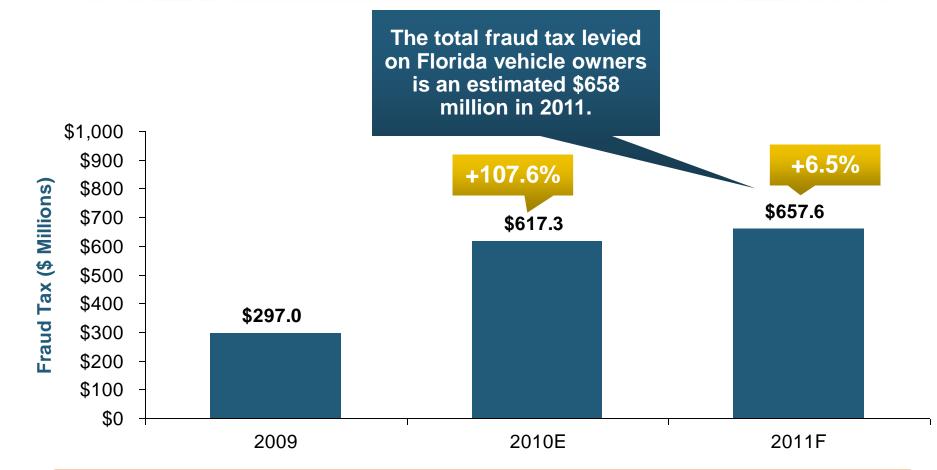
The no-fault systems in MI, NJ, NY, FL, and MN are under stress due to rising fraud and abuse, which leads to higher premiums for honest drivers.

Sources: Insurance Information Institute research from ISO/PCI Fast Track data.

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### Florida's No-Fault Fraud Tax: Estimated Aggregate Annual Cost, 2009-2011E (\$ Millions)





#### Unscrupulous Medical Providers and Attorneys Are Costing Honest Florida Drivers Hundreds of Millions of Dollars

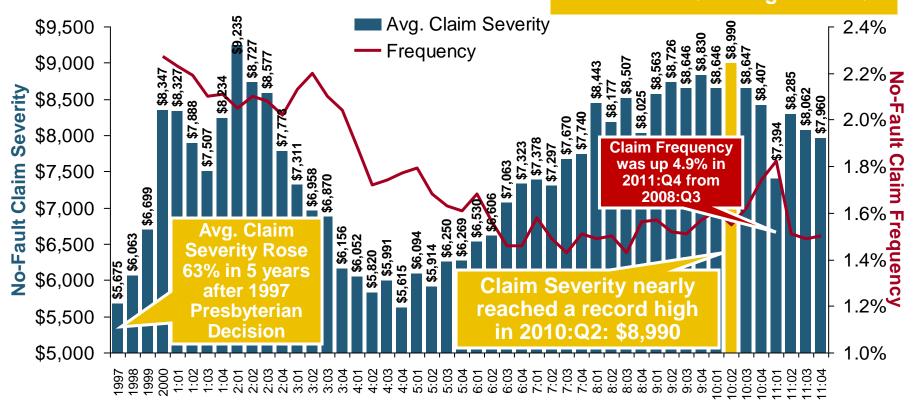
\*2011 estimate is based on data through Q2:2011.

Source: Insurance Information Institute calculations and research from ISO/PCI and AIPSO data.

## New York State No-Fault Claim Frequency and Severity, 1997–2011:Q4



#### Avg. Claim Severity is up 42% since 2004:Q4 though 2011:Q4

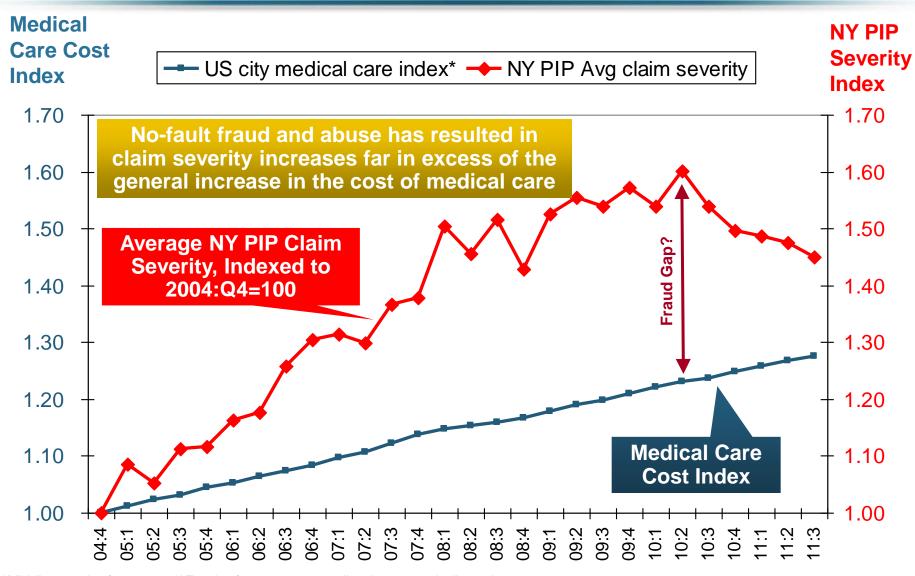


#### About 10% of No-Fault Claim Costs in 2011 Were Estimated to Be Attributable to Fraud and Abuse

Source: Insurance Information Institute calculations and research from ISO/PCI Fast Track data.

#### New York's No-Fault Fraud Problem, Paid Claims Severity\*\*

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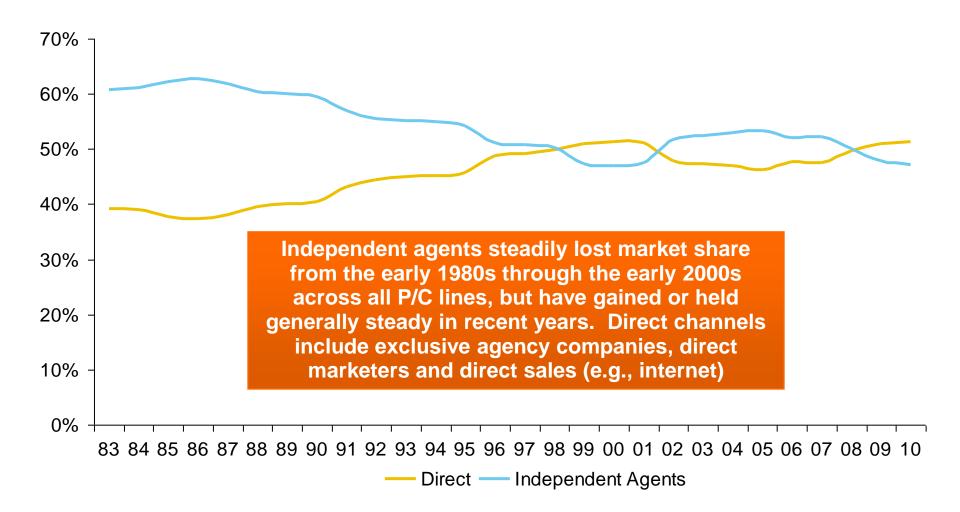
\*Middle month of quarter \*\*For the four quarters ending in quarter indicated Sources: Insurance Information Institute calculations based on ISO/PCI *Fast Track* Data and BLS Medical Care CPI



# **Distribution Trends**

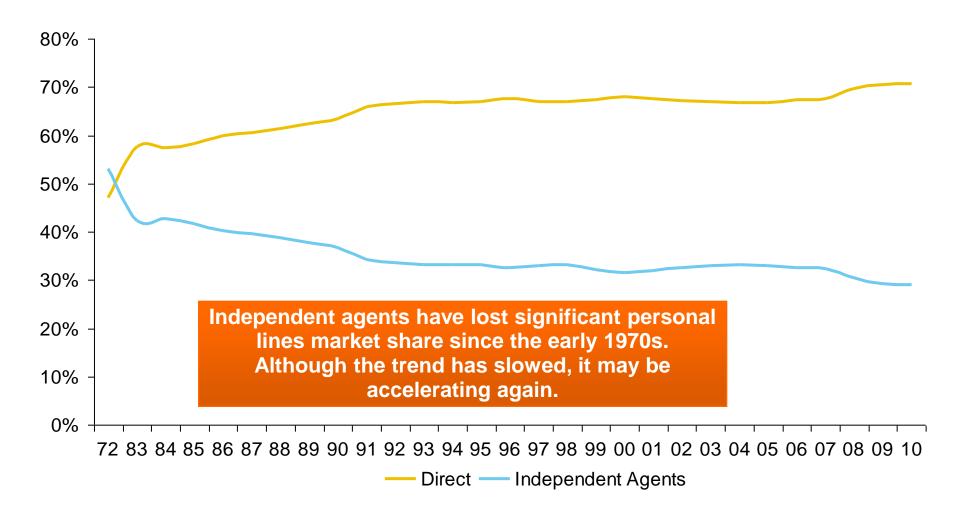
## Distribution by Channel Type Continues to Evolve

## All P/C Lines Distribution Channels, Direct vs. Independent Agents



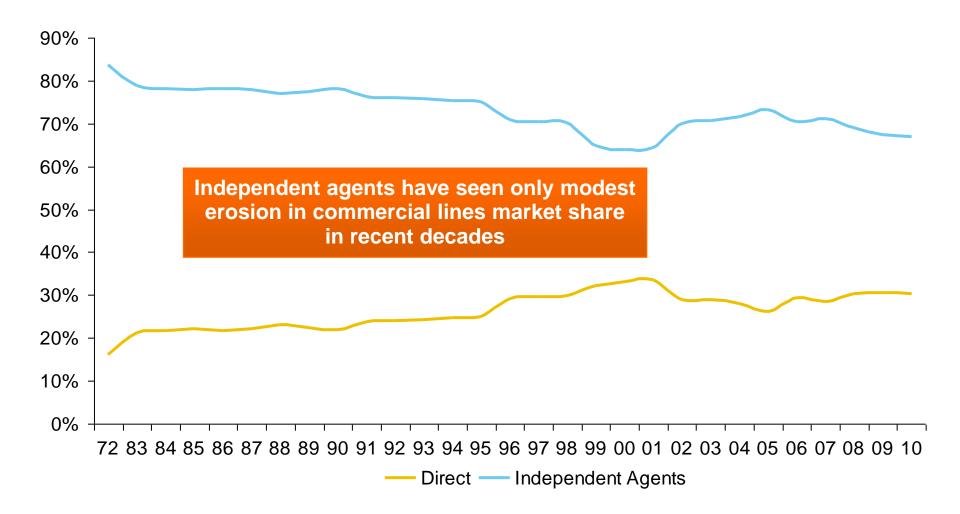
Source: Insurance Information Institute; based on data from Conning and A.M. Best.

### Personal Lines Distribution Channels, Direct vs. Independent Agents



Source: Insurance Information Institute; based on data from Conning and A.M. Best.

## Commercial P/C Distribution Channels, Direct vs. Independent Agents



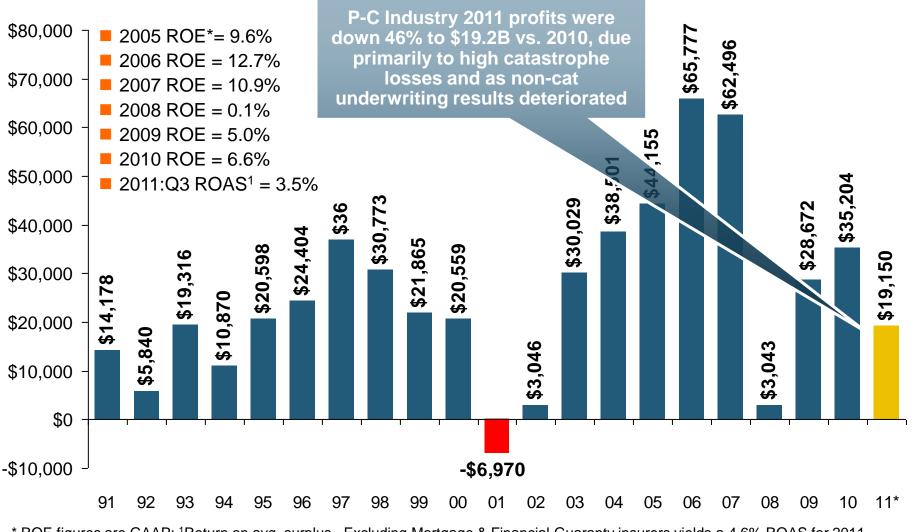


# P/C Insurance Industry Financial Overview

## Profit Recovery Was Set Back in 2011 by High Catastrophe Loss & Other Factors

## P/C Net Income After Taxes 1991–2011 (\$ Millions)

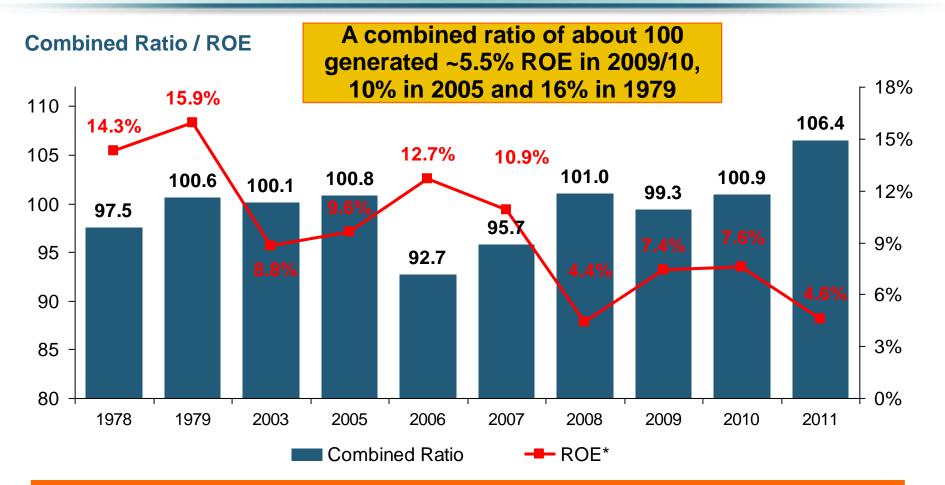




\* ROE figures are GAAP; <sup>1</sup>Return on avg. surplus. Excluding Mortgage & Financial Guaranty insurers yields a 4.6% ROAS for 2011, 7.6% for 2010 and 7.4% for 2009.

Sources: A.M. Best, ISO, Insurance Information Institute

## A 100 Combined Ratio Isn't What It Once Was: Investment Impact on ROEs

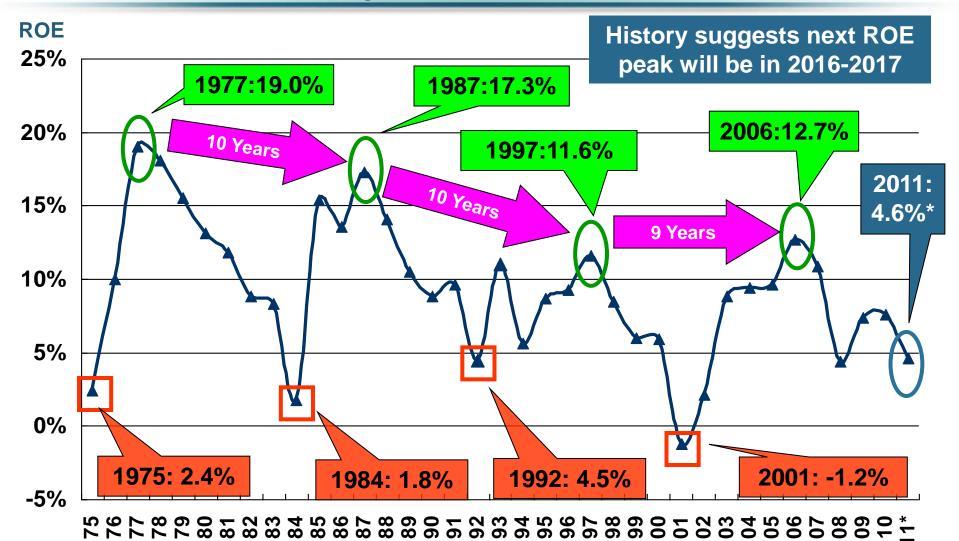


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#### Combined Ratios Must Be Lower in Today's Depressed Investment Environment to Generate Risk Appropriate ROEs

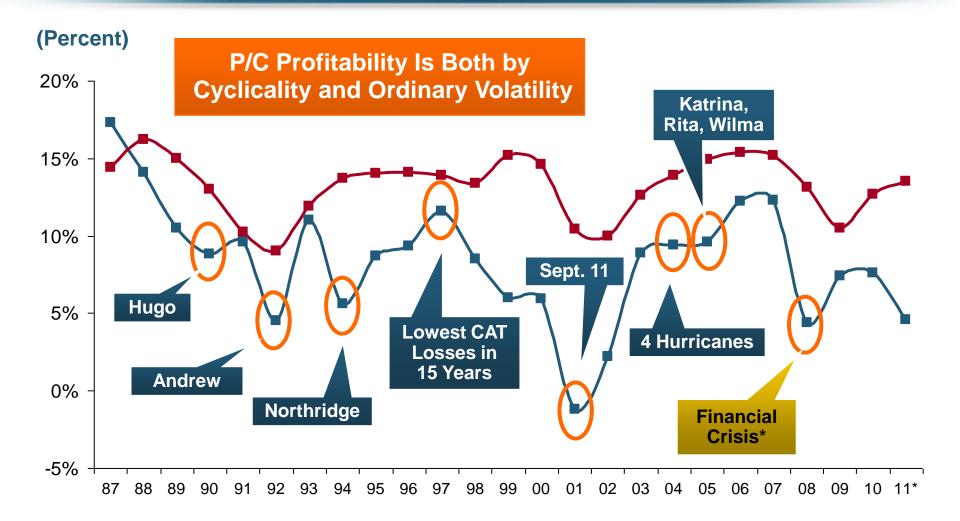
 \* 2008 -2011 figures are return on average surplus and exclude mortgage and financial guaranty insurers. 2011 combined ratio including M&FG insurers is 108.2, ROAS = 3.5%.
 Source: Insurance Information Institute from A.M. Best and ISO data.

#### Profitability Peaks & Troughs in the P/C Insurance Industry, 1975 – 2011\*



\*Profitability = P/C insurer ROEs are I.I.I. estimates. 2011 figure is an estimate based on ROAS data. Note: Data for 2008-2011 exclude mortgage and financial guaranty insurers. For 2011:Q3 ROAS = 3.5% including M&FG. Source: Insurance Information Institute; NAIC, ISO, A.M. Best.

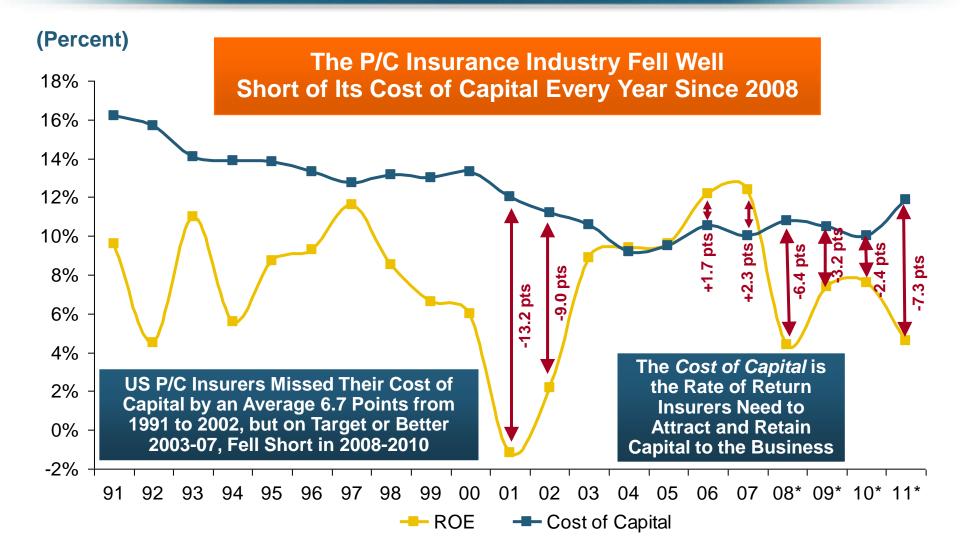
#### ROE: Property/Casualty Insurance vs. Fortune 500, 1987–2011\*



\* Excludes Mortgage & Financial Guarantee in 2008 - 2011; 2012 Fortune 500 figure is an III estimate. Sources: ISO, *Fortune*; Insurance Information Institute.

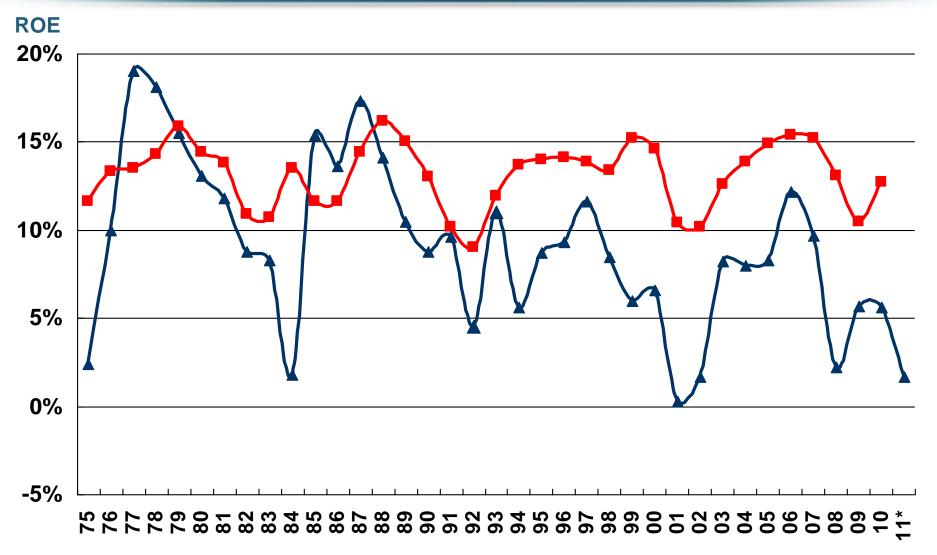
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### ROE vs. Equity Cost of Capital: U.S. P/C Insurance:1991-2011\*



\* Return on average surplus in 2008-2011 excluding mortgage and financial guaranty insurers. Source: The Geneva Association, Insurance Information Institute NSURANCE

#### P/C Insurance Industry ROE vs. Fortune 500, 1975 – 2011\*



For 2011:H1 ROAS.

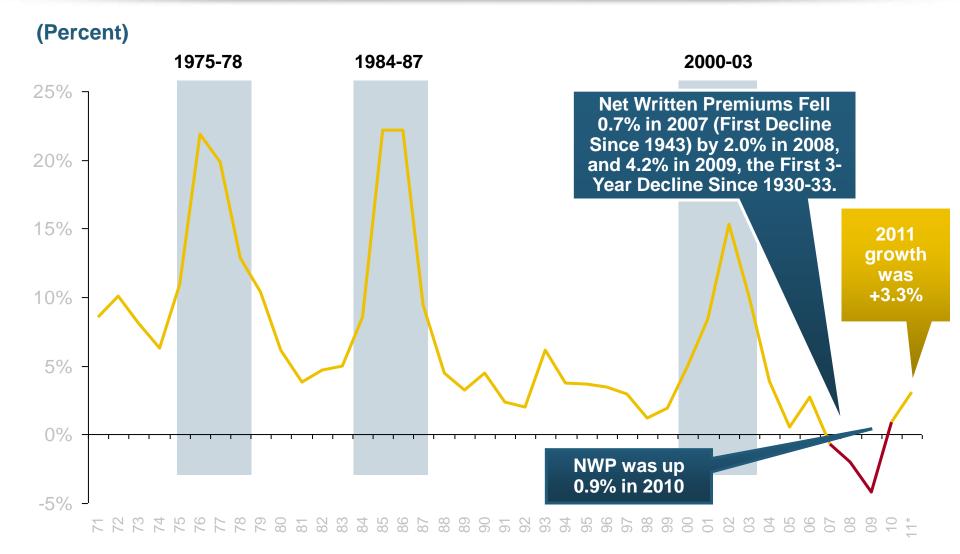
Source: Insurance Information Institute; NAIC, ISO.



## **P/C Premium Growth Cycles**

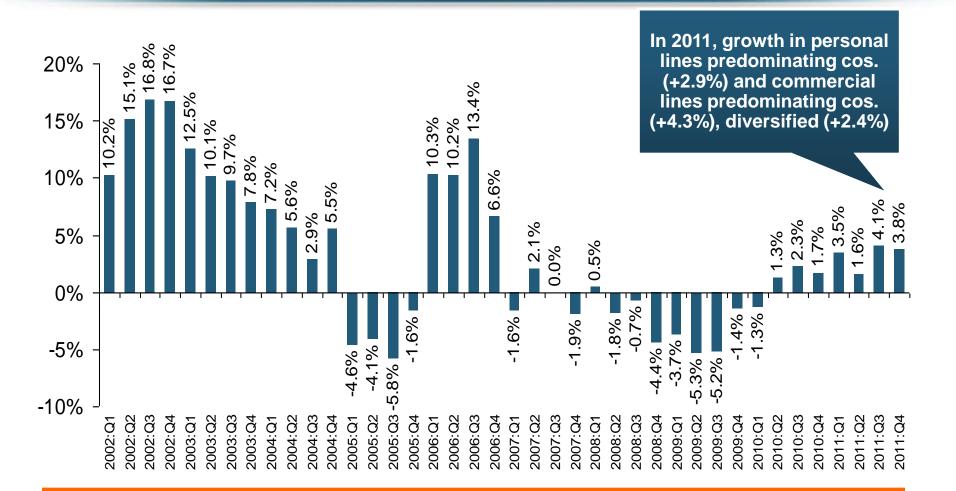
# Cyclicality is Driven Primarily by the Industry's Underwriting Cycle, Not the Economy

### Premium Growth Is Up Modestly: More in 2012?



Shaded areas denote "hard market" periods Sources: A.M. Best (historical and forecast), ISO, Insurance Information Institute. INSURANCE

#### P/C Net Premiums Written: % Change, Quarter vs. Year-Prior Quarter

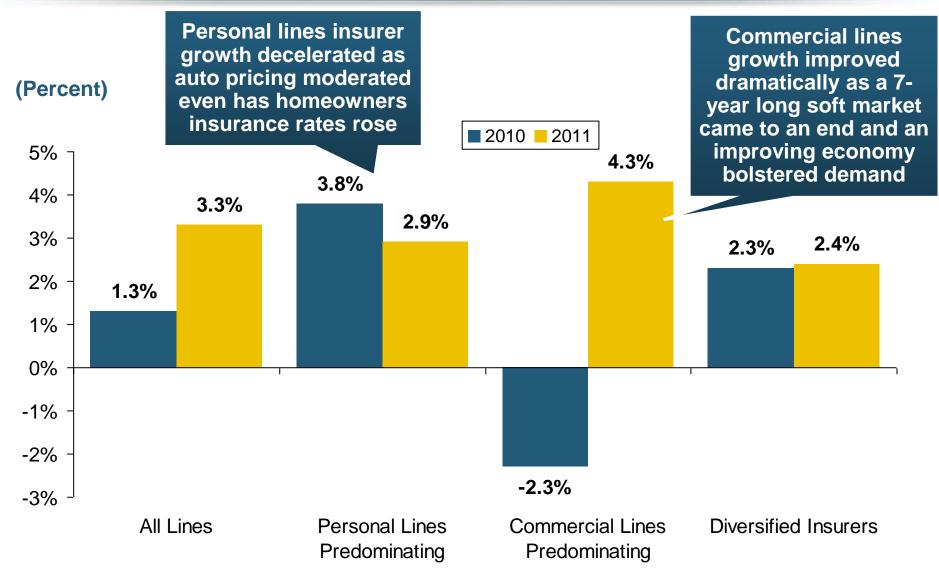


Finally! Back-to-back quarters of net written premium growth (vs. the same quarter, prior year)

Sources: ISO, Insurance Information Institute.

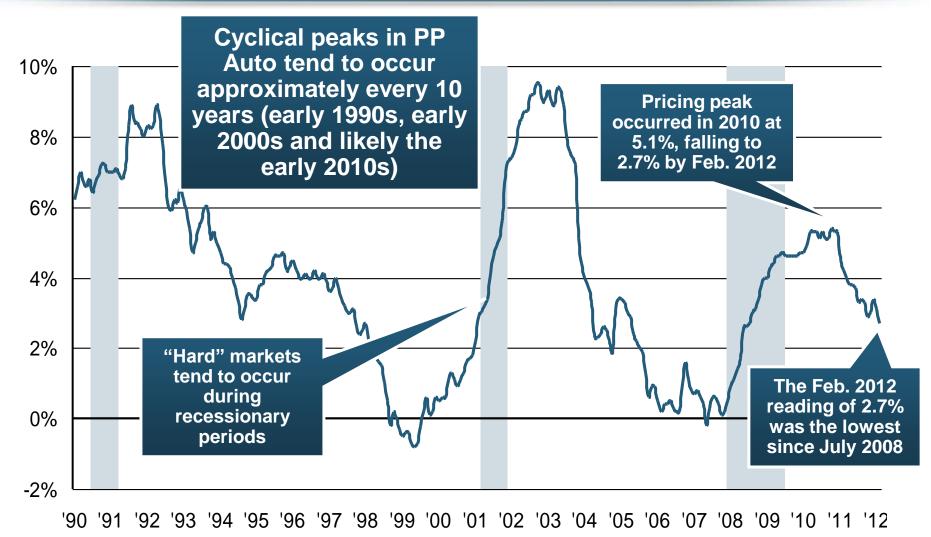
# Growth in Net Written Premium by Segment, 2011 vs. 2010





Source: ISO/PCI; Insurance Information Institute

## Monthly Change\* in Auto Insurance Prices, 1991–2012\*

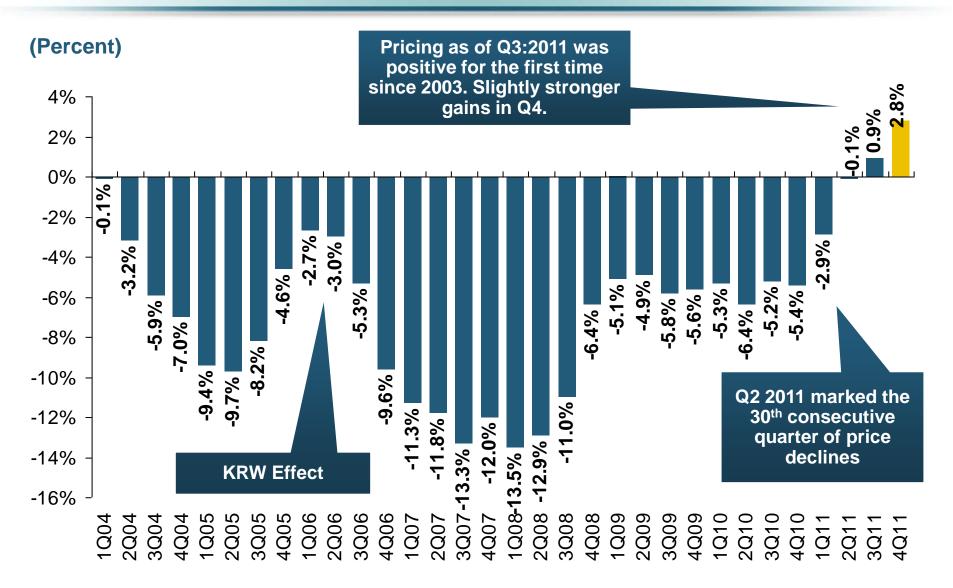


\*Percentage change from same month in prior year; through February 2012; seasonally adjusted

Note: Recessions indicated by gray shaded columns.

Sources: US Bureau of Labor Statistics; National Bureau of Economic Research (recession dates); Insurance Information Institutes.

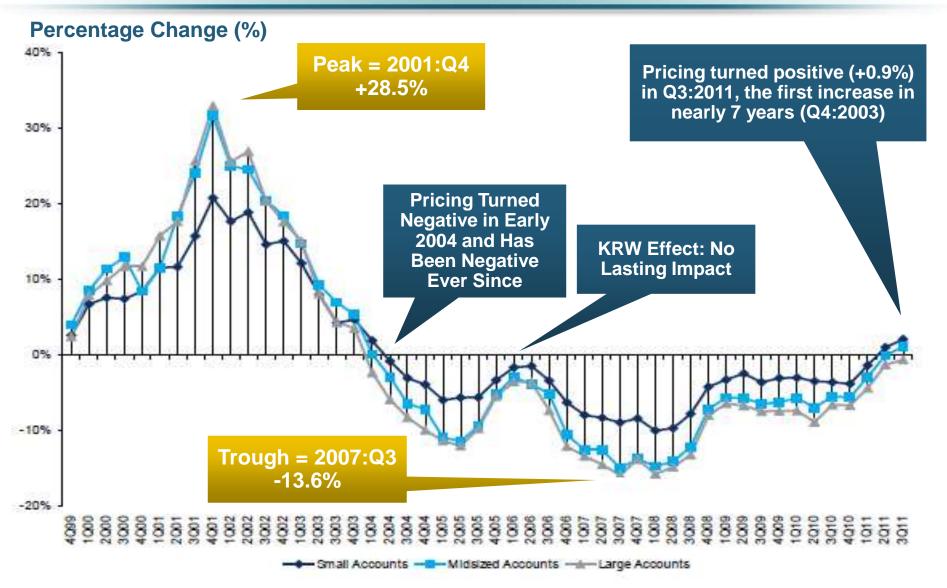
### Average Commercial Rate Change, All Lines, (1Q:2004–4Q:2011)



Source: Council of Insurance Agents & Brokers (1Q04-4Q11); Insurance Information Institute

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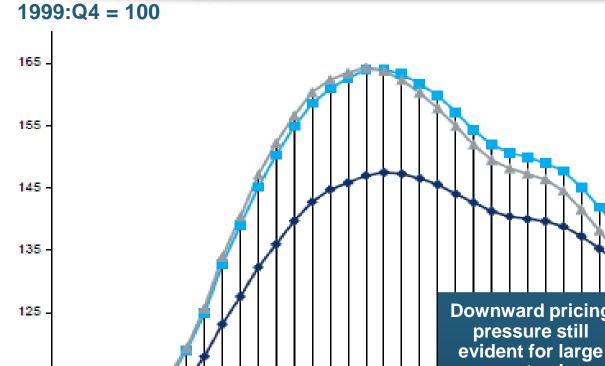
## Change in Commercial Rate Renewals, by Account Size: 1999:Q4 to 2011:Q3

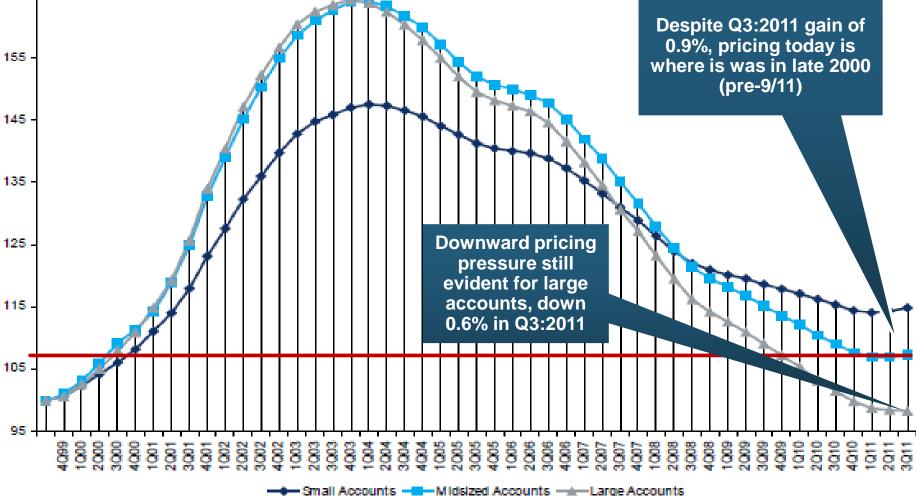


Source: Council of Insurance Agents and Brokers; Insurance Information Institute.

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#### Cumulative Qtrly. Commercial Rate Changes, 222 by Account Size: 1999:Q4 to 2011:Q3

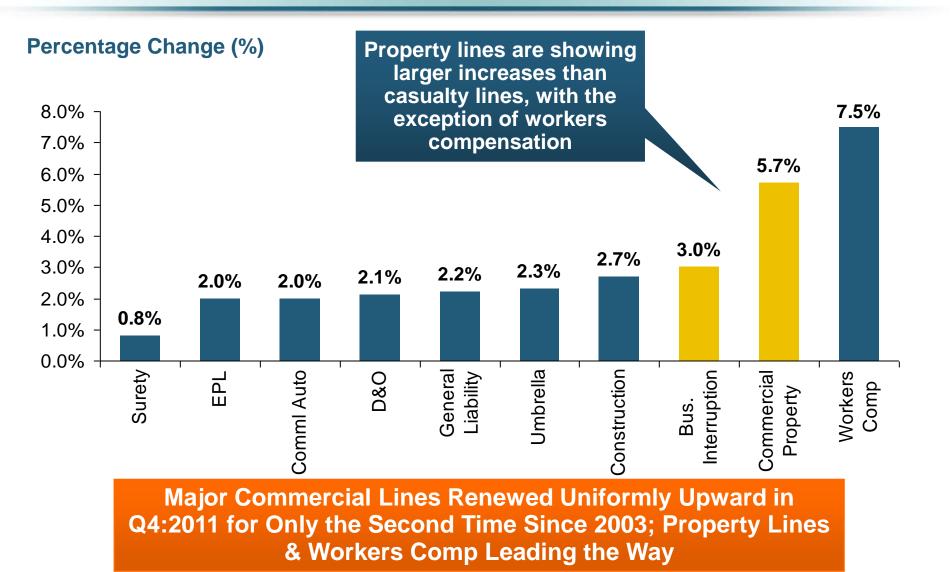




Source: Council of Insurance Agents and Brokers; Insurance Information Institute.

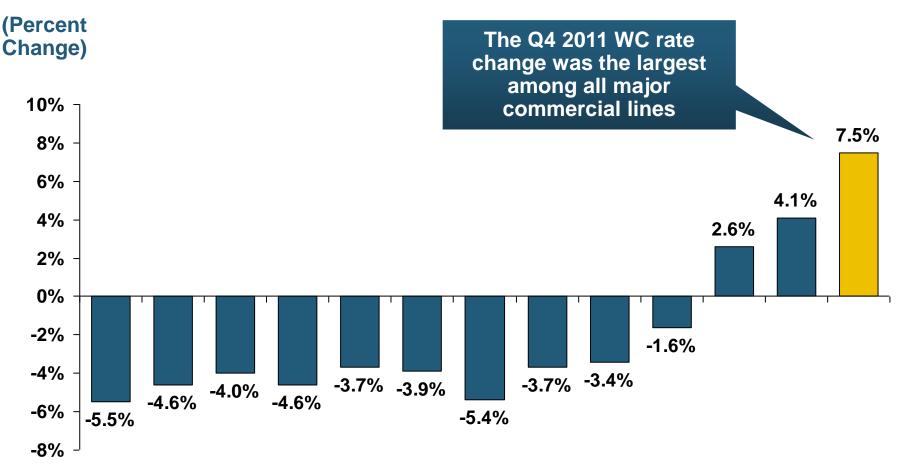
# Change in Commercial Rate Renewals, by Line: 2011:Q4





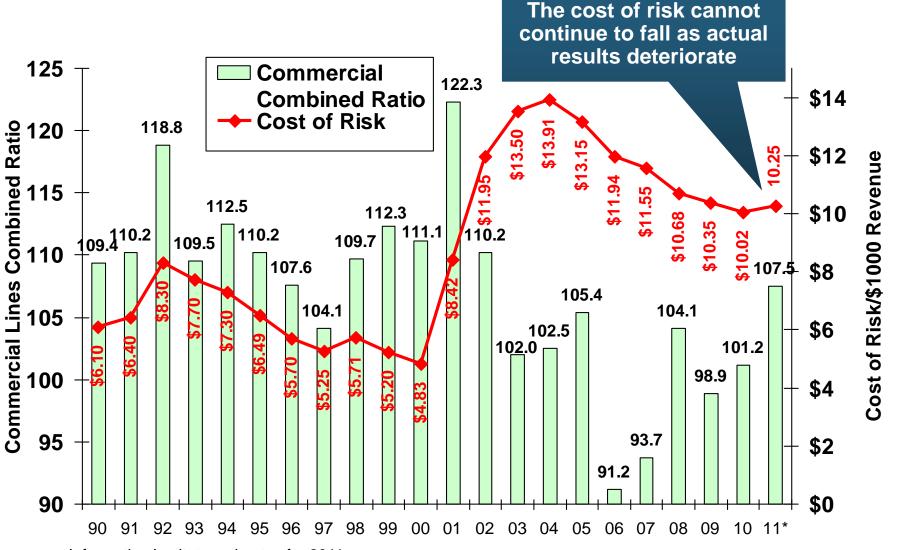
Source: Council of Insurance Agents and Brokers; Insurance Information Institute.

# Workers Comp Rate Changes, 2008:Q4 – 2011:Q4



08:Q4 09:Q1 09:Q2 09:Q3 09:Q4 10:Q1 10:Q2 10:Q3 10:Q4 11:Q1 11:Q2 11:Q3 11:Q4

#### Cost of Risk vs. Commercial Lines Combined Ratio



\*Insurance Information Institute estimates for 2011.

Source: 2011 RIMS Benchmark Survey; A.M. Best; Insurance Information Institute

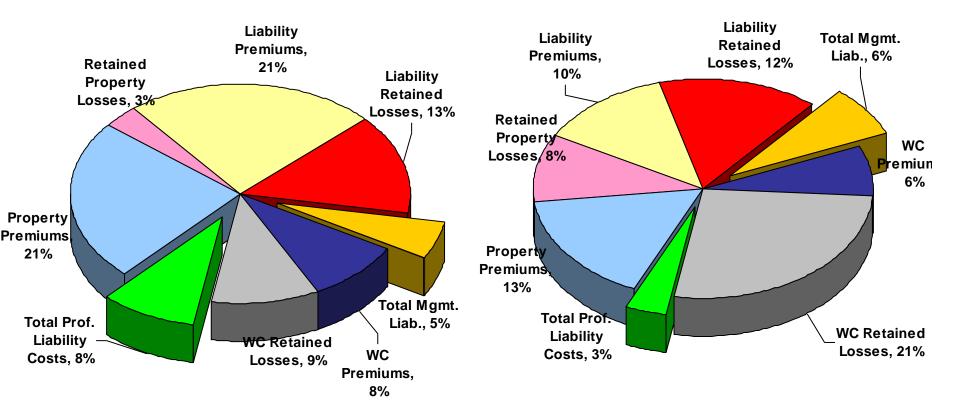
#### How the Risk Dollar is Spent (2011)



#### Management & Professional Liability Costs Account for 9% - 13% of the Risk Dollar

Firms w/Revenues < \$1 Billion

#### Firms w/Revenues > \$1 Billion

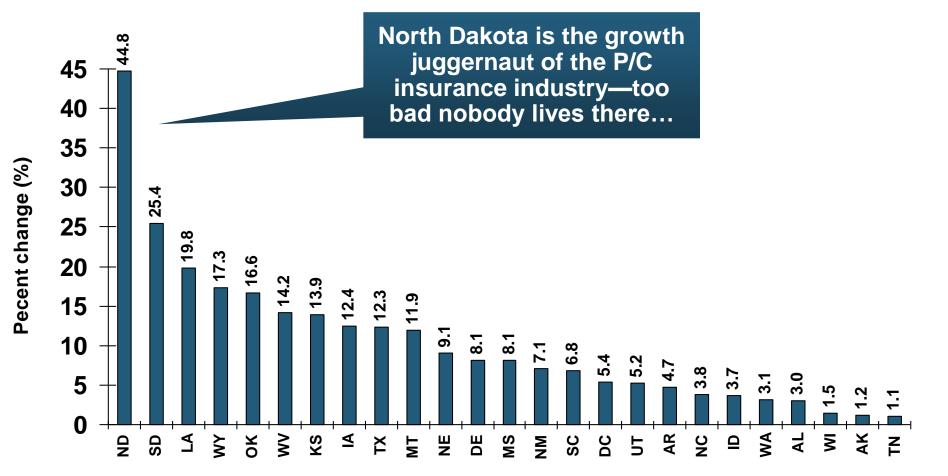


Source: 2011 RIMS Benchmark Survey, Advisen; Insurance Information Institute

### Direct Premiums Written: All P/C Lines Percent Change by State, 2005-2010

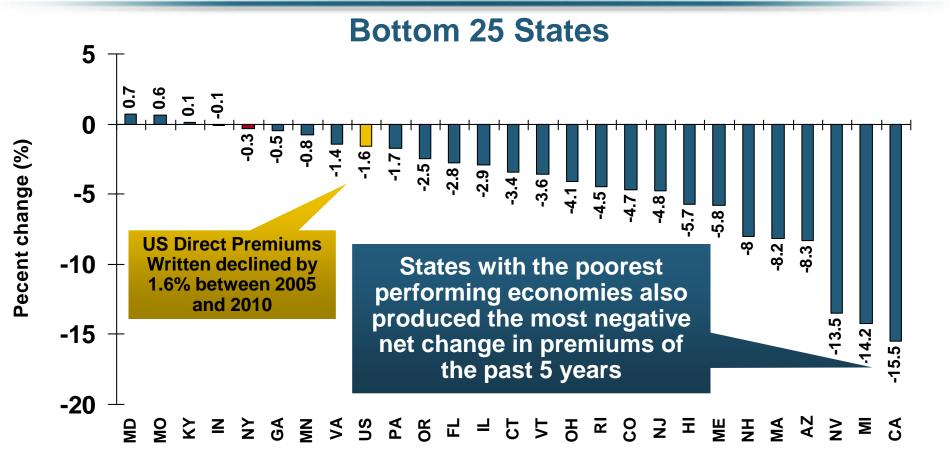


#### **Top 25 States**



#### Direct Premiums Written: All P/C Lines Percent Change by State, 2005-2010





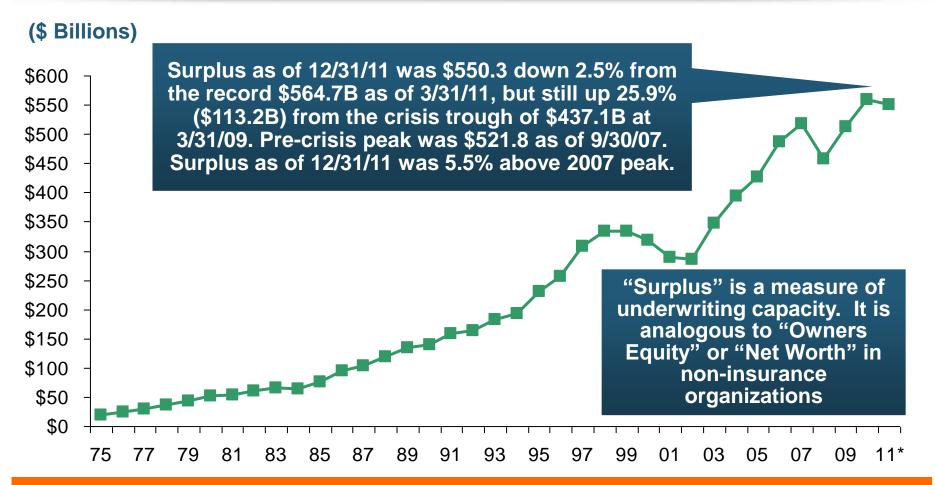


# Capital/Policyholder Surplus (US)

## Have Large Global Losses Reduced Capacity in the Industry, Setting the Stage for a Market Turn?

# US Policyholder Surplus: 1975–2011\*





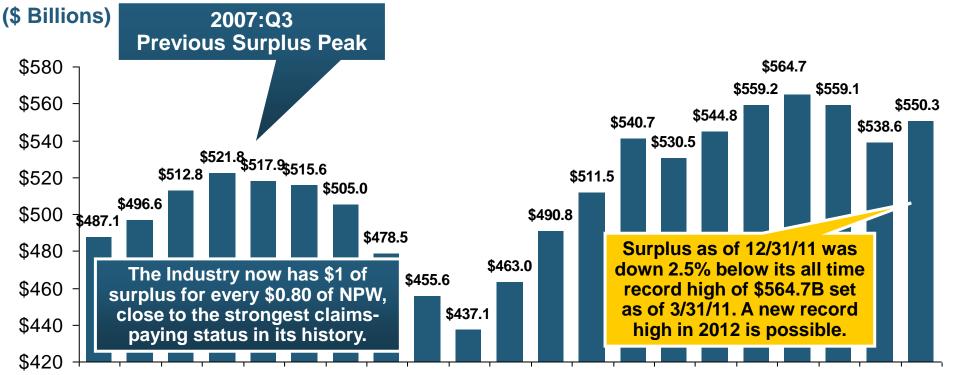
# The Premium-to-Surplus Ratio Stood at \$0.80:\$1 as of 12/31/11, A Near Record Low (at Least in Recent History)\*

\* As of 12/31/11.

Source: A.M. Best, ISO, Insurance Information Institute.

# Policyholder Surplus, 2006:Q4–2011:Q4





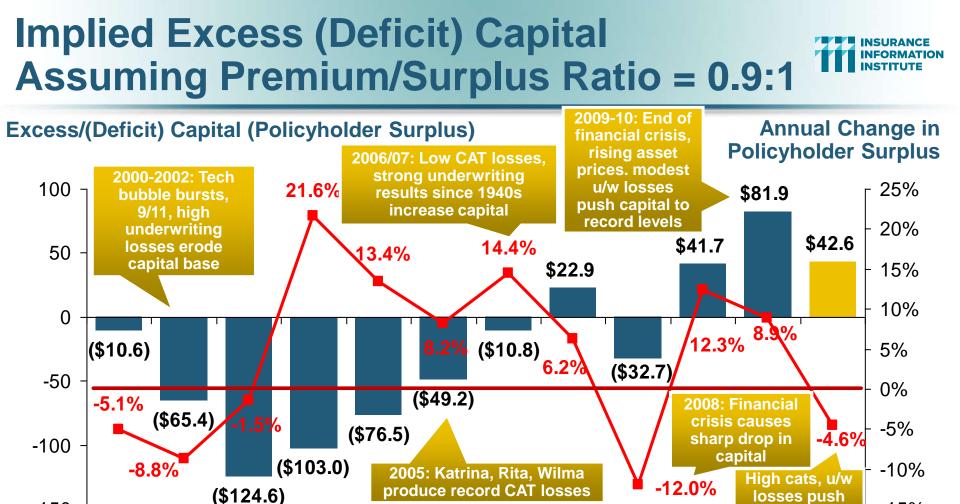
06:Q4 07:Q1 07:Q2 07:Q3 07:Q4 08:Q1 08:Q2 08:Q3 08:Q4 09:Q1 09:Q2 09:Q3 09:Q4 10:Q1 10:Q2 10:Q3 10:Q4 11:Q1 11:Q2 11:Q3 11:Q4

\*Includes \$22.5B of paid-in capital from a holding company parent for one insurer's investment in a non-insurance business in early 2010.

#### **Quarterly Surplus Changes Since 2011:Q1 Peak**

11:Q2: -\$5.6B (-1.0%) 11:Q3: -\$26.1B (-4.6%) 11:Q4: -\$14.3B (-2.5%)

Sources: ISO, A.M .Best.



Capital Excess (Deficit) — Annual Change in Capital Record Policyholder Surplus (Capital) Resulted in Significant Excess Capital in the P/C Insurance Sector in 2010. Deteriorating Underwriting Losses, Higher CAT Activity, More Modest Market Returns Shrank Excess Capital in 2011 by Nearly Half.

2006

2007

2008

2009

2005

-15%

capital down

2011\*

2010

-150

2000

2001

2003

2002

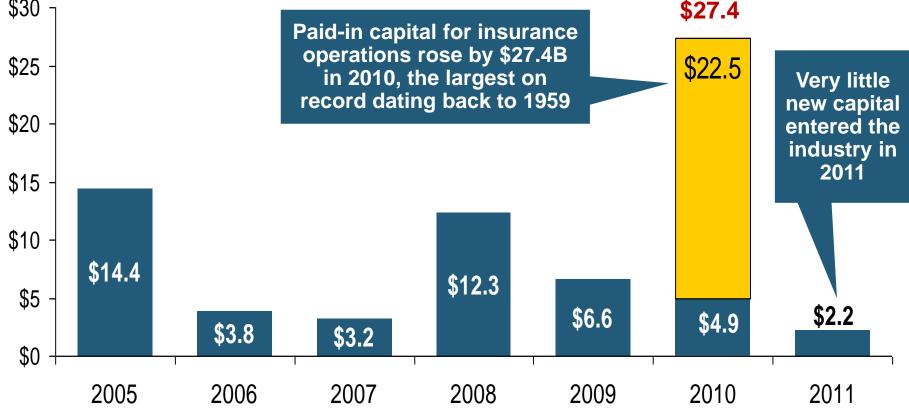
2004

Note: The assumption of a 0.9:1 P/S ratio is derived from a Feb. 2011 announcement by Advisen, Ltd., that the US P/C insurance industry has \$74 billion in excess capital. The implied P/S ratio (calculated by III) is 0.88:1, which was rounded to 0.9:1. Source: Insurance Information Institute calculations from A.M. Best and ISO data. \* Net Premiums Written

## Paid-in Capital, 2005–2011

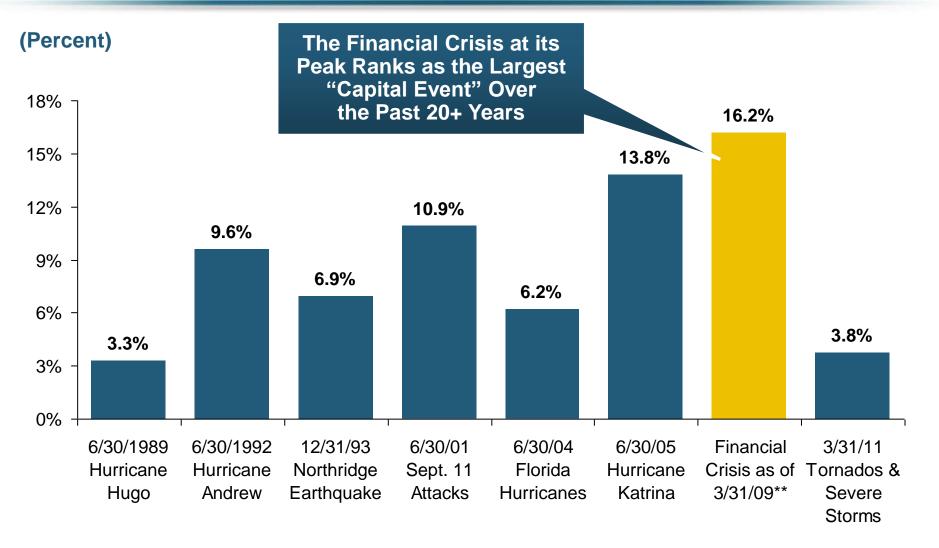


# (\$ Billions) \$30



#### In 2010 One Insurer's Paid-in Capital Rose by \$22.5B as Part of an Investment in a Non-insurance Business

#### Ratio of Insured Loss to Surplus for Largest Capital Events Since 1989\*



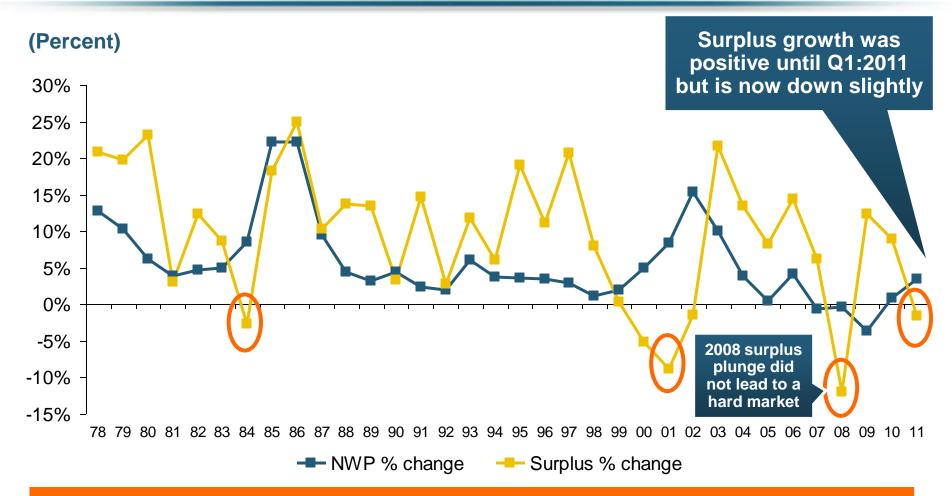
\* Ratio is for end-of-quarter surplus immediately after the event. Date shown is end of quarter prior to event

\*\* Date of maximum capital erosion; As of 9/30/09 (latest available) ratio = 5.9%

Source: PCS; Insurance Information Institute

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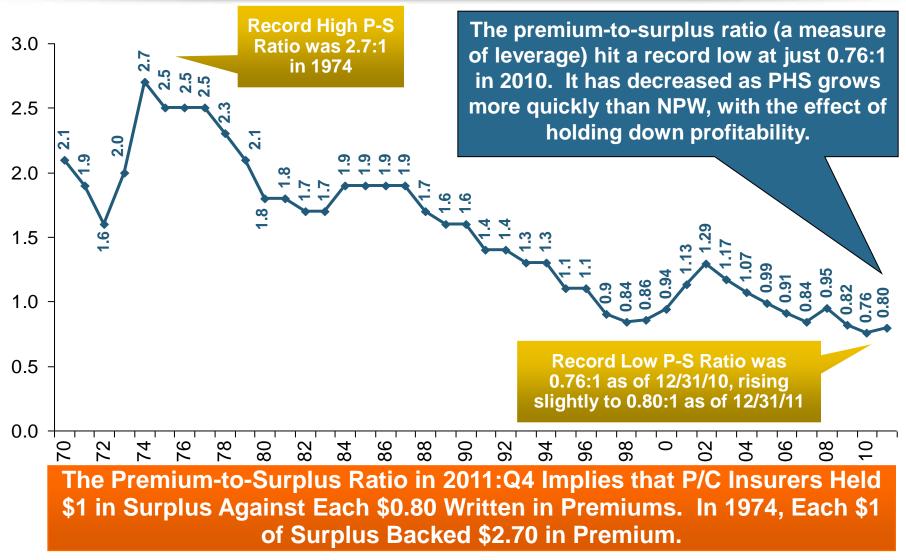
## Historically, Hard Markets Follow When Surplus "Growth" is Negative\*



#### Sharp Decline in Capacity is a Necessary but Not Sufficient Condition for a True Hard Market

\* 2011 NWP and Surplus figures are % changes as of Q4:11 vs. Q4:10. Sources: A.M. Best, ISO, Insurance Information Institute NSURANCE

#### Ratio of Net Premiums Written to Policyholder Surplus, 1970-2011\*



\*2011 data are as of 12/31/11.

Sources: Insurance Information Institute calculations from A.M. Best data.

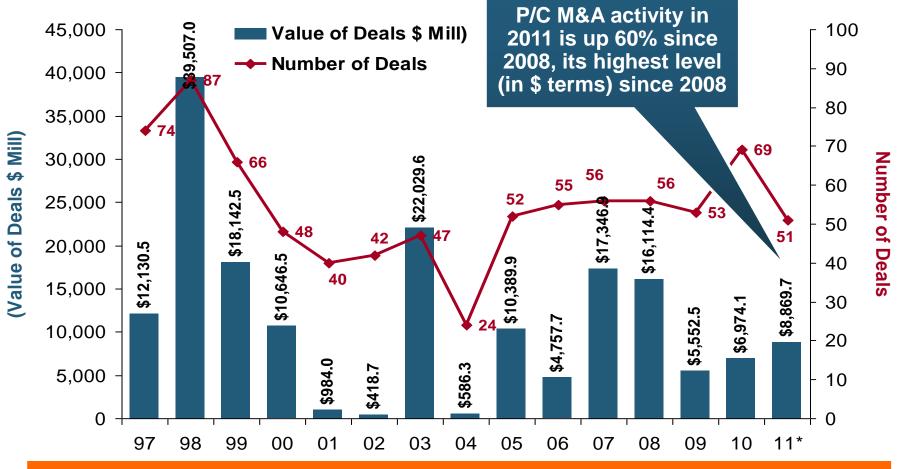


# **Merger & Acquisition**

# Capital Cycles Can Drive Consolidation

## M&A Activity in the US P/C Insurance Industry, 1997-2011\*





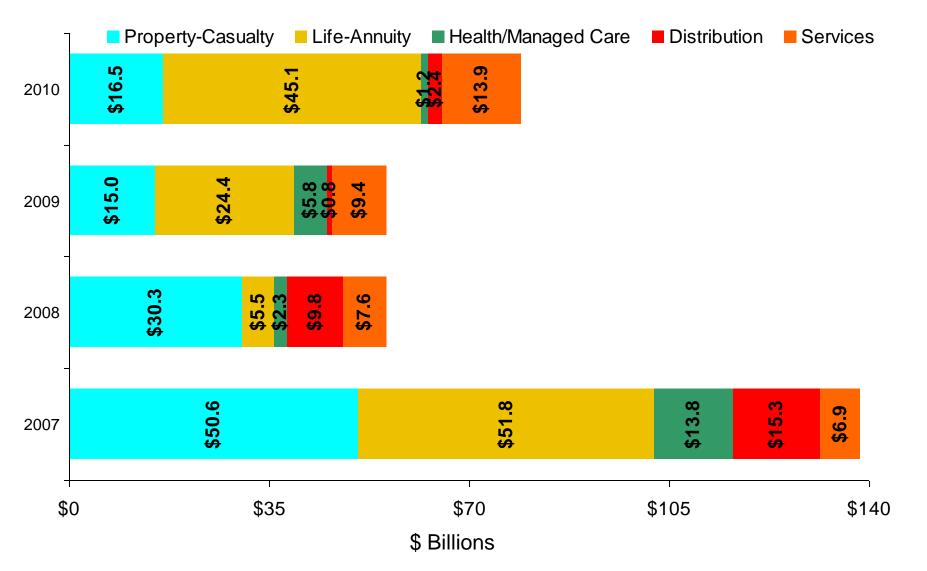
#### M&A Activity in the P/C Insurance Industry Remains Well Below its 1990s Peak

\*2011 data are through December 1.

Source: SNL Securities; Insurance Information Institute.

#### M&A Activity Globally Among P/C Insurers Remains Subdued: Little Capacity Leaving





Sources: Conning Research; Insurance Information Institute.

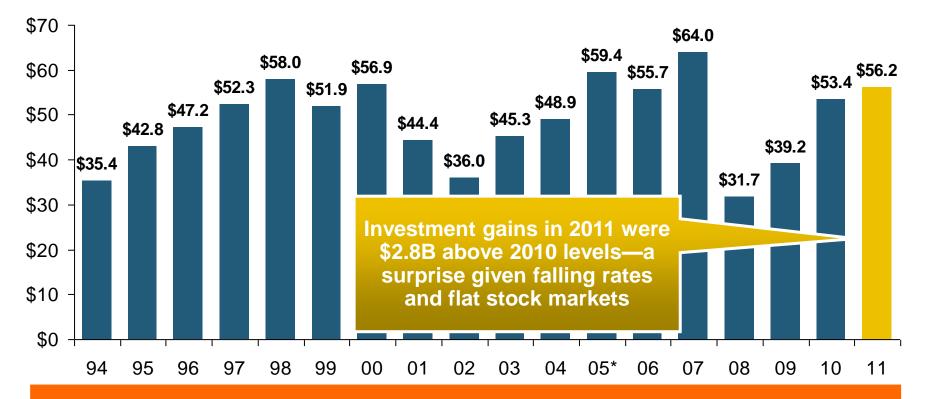


# INVESTMENTS: THE NEW REALITY

# Investment Performance is a Key Driver of Profitability

#### Property/Casualty Insurance Industry Investment Gain: 1994–2011:Q4<sup>1</sup>





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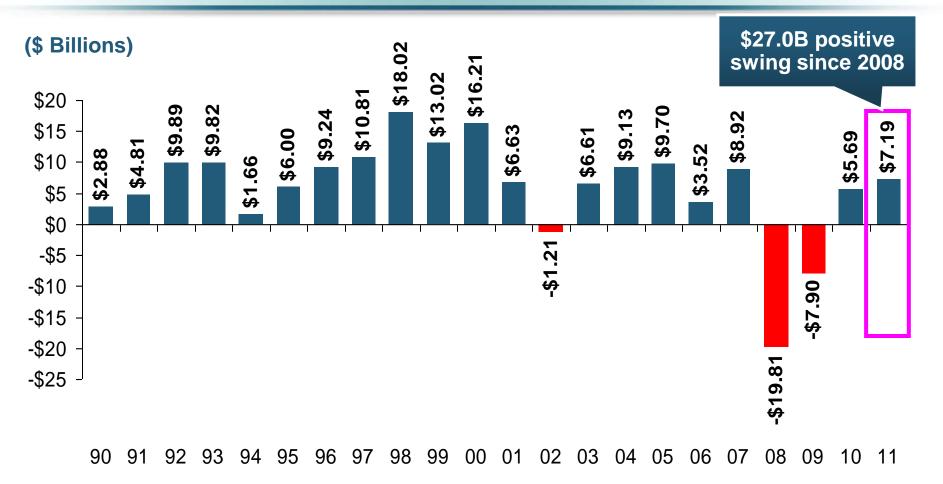
Investment Gains in 2011 Were Surprisingly Robust. Investment Gains Recovered Significantly in 2011 Due to Realized Investment Gains; The Financial Crisis Caused Investment Gains to Fall by 50% in 2008

<sup>1</sup> Investment gains consist primarily of interest, stock dividends and realized capital gains and losses.

\* 2005 figure includes special one-time dividend of \$3.2B.

Sources: ISO; Insurance Information Institute.

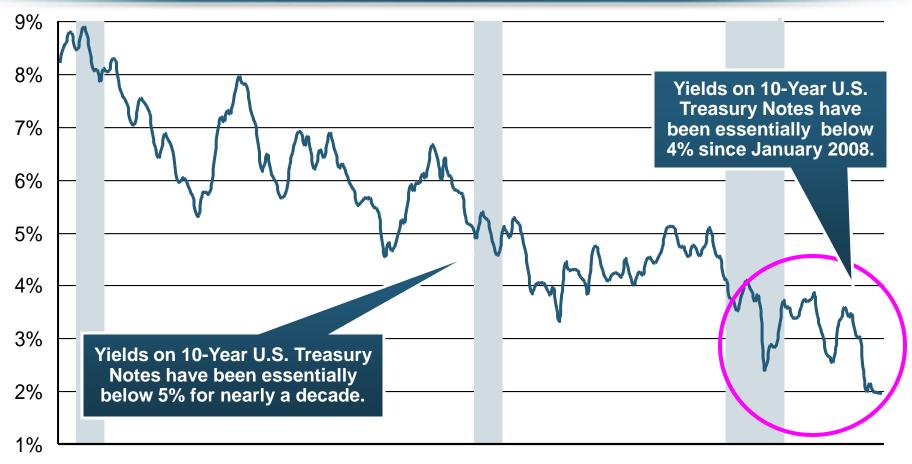
#### P/C Insurer Net Realized Capital Gains/Losses, 1990-2011



Insurers Posted Net Realized Capital Gains in 2010 and 2011 After Following Two Years of Realized Losses During the Financial Crisis. Realized Capital Losses Were the Primary Cause of 2008/2009's Large Drop in Profits and ROE

Sources: A.M. Best, ISO, Insurance Information Institute.

#### U.S. 10-Year Treasury Note Yields: A Long Downward Trend, 1990–2012\*

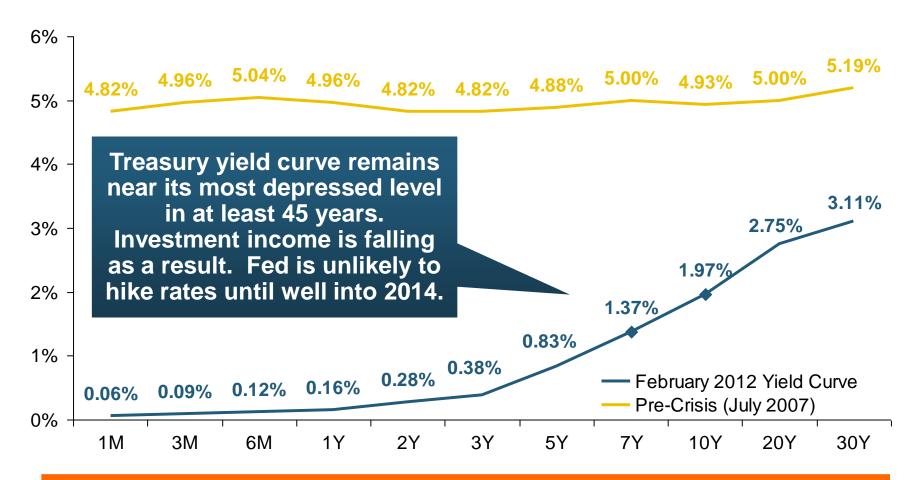


'90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12

## Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, most P/C insurer portfolios will have low-yielding bonds for years to come.

\*Monthly, through February 2012. Note: Recessions indicated by gray shaded columns. Sources: Federal Reserve Bank at <u>http://www.federalreserve.gov/releases/h15/data/Monthly/H15\_TCMNOM\_Y10.txt</u> National Bureau of Economic Research (recession dates); Insurance Information Institutes. INSURANCE INFORMATION

#### Treasury Yield Curves: Pre-Crisis (July 2007) vs. Feb. 2012



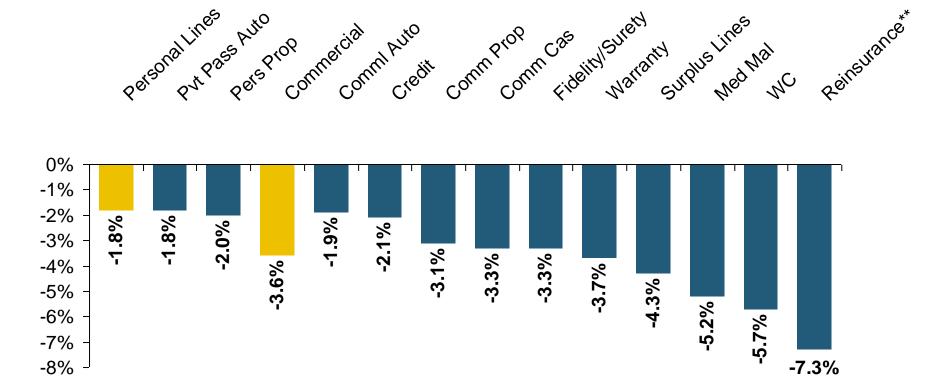
#### The Fed Is Actively Signaling that it Is Determined to Keep Rates Low Through Late 2014

Source: Federal Reserve Board of Governors; Insurance Information Institute.

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#### Reduction in Combined Ratio Necessary to Offset 1% Decline in Investment Yield to Maintain Constant ROE, by Line\*





#### Lower Investment Earnings Place a Greater Burden on Underwriting and Pricing Discipline

\*Based on 2008 Invested Assets and Earned Premiums

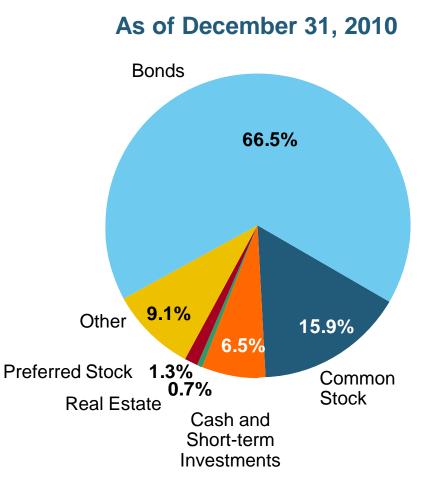
\*\*US domestic reinsurance only

Source: A.M. Best; Insurance Information Institute.

## Distribution of P/C Insurance Industry's Investment Portfolio



- Invested assets totaled \$1.316 trillion as of 12/31/10
- Insurers are generally conservatively invested, with more than 2/3 of assets invested in bonds as of 12/31/10
- Only about 16% of assets were invested in common stock as of 12/31/10
- The portfolio is very conservative and returns are impacted by low interest rates.



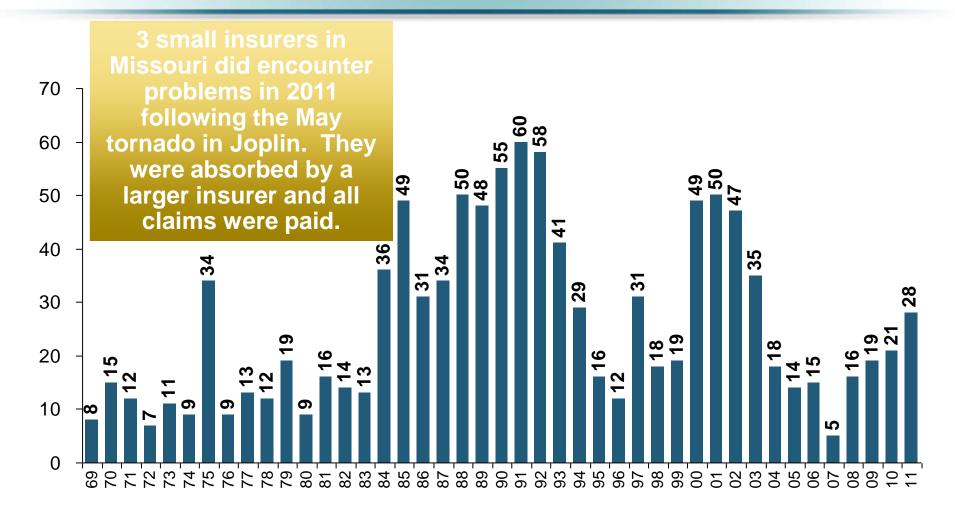
Sources: SNL Financial; Insurance Information Institute research.



# Financial Strength & Underwriting

# Cyclical Pattern is P-C Impairment History is Directly Tied to Underwriting, Reserving & Pricing

## P/C Insurer Impairments, 1969–2011

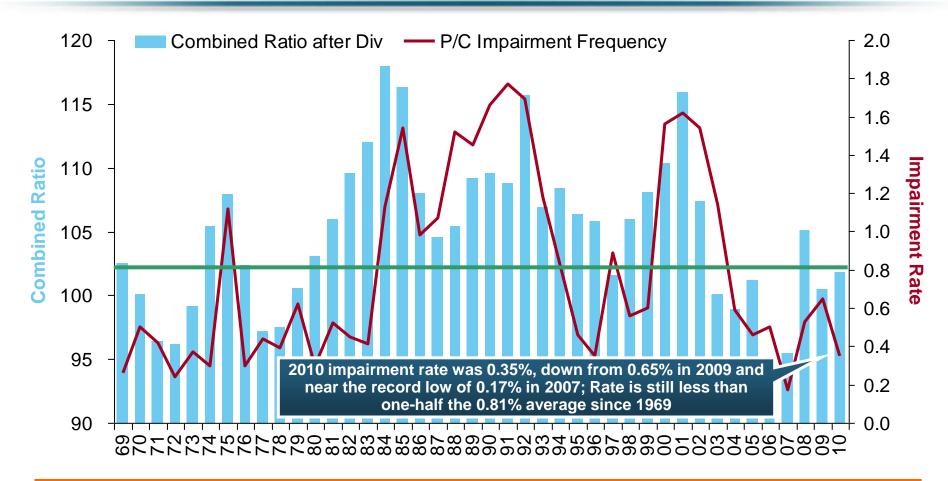


The Number of Impairments Varies Significantly Over the P/C Insurance Cycle, With Peaks Occurring Well into Hard Markets

Source: A.M. Best Special Report "1969-2011 Impairment Review," January 23, 2012; Insurance Information Institute.

## P/C Insurer Impairment Frequency vs. Combined Ratio, 1969-2010

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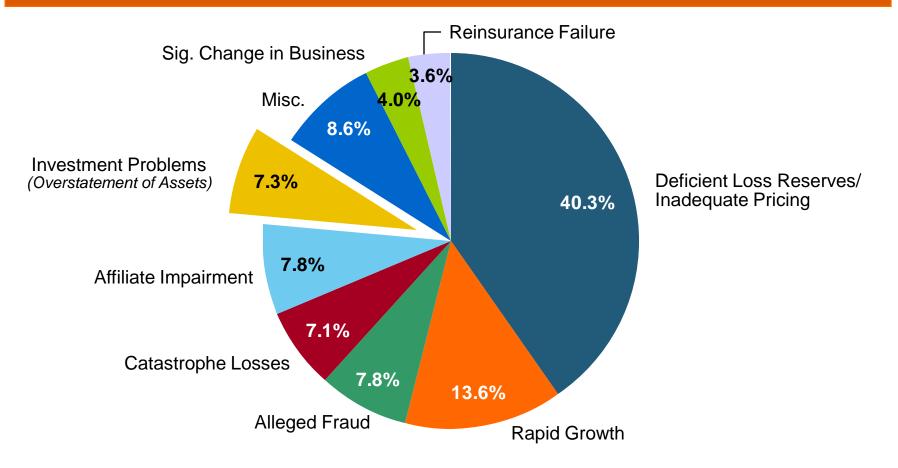


#### Impairment Rates Are Highly Correlated With Underwriting Performance and Reached Record Lows in 2007

#### Reasons for US P/C Insurer Impairments, 1969–2010



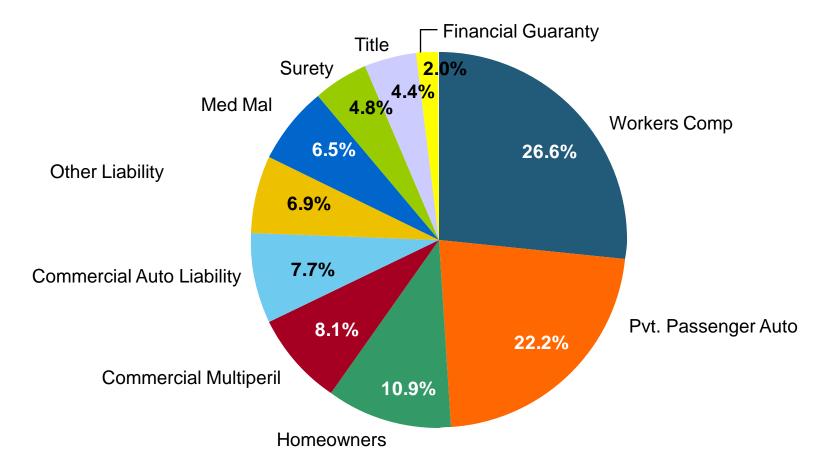
Historically, Deficient Loss Reserves and Inadequate Pricing Are By Far the Leading Cause of P-C Insurer Impairments. Investment and Catastrophe Losses Play a Much Smaller Role



Source: A.M. Best: 1969-2010 Impairment Review, Special Report, April 2011.

### Top 10 Lines of Business for US P/C Impaired Insurers, 2000–2010

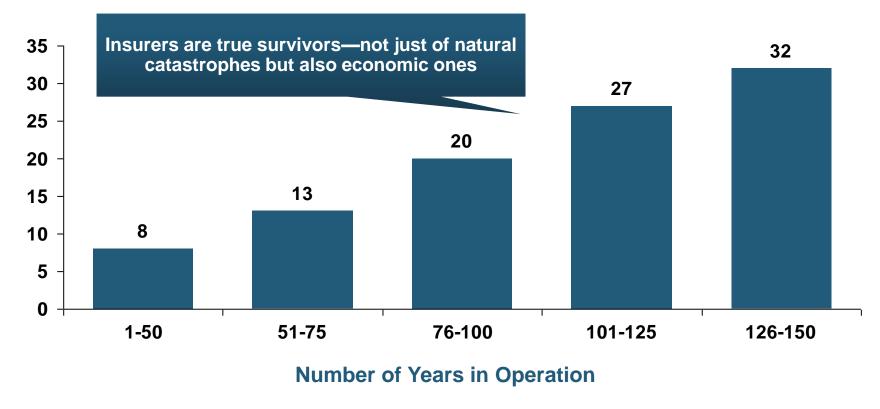
Workers Comp and Pvt. Passenger Auto Account for Nearly Half of the Premium Volume of Impaired Insurers Over the Past Decade



Source: A.M. Best: 1969-2010 Impairment Review, Special Report, April 2011.

## Number of Recessions Endured by P/C Insurers, by Number of Years in Operation

#### **Number of Recessions Since 1860**



Many US Insurers Are Close to a Century Old or Older

Sources: Insurance Information Institute research from National Bureau of Economic Research data.

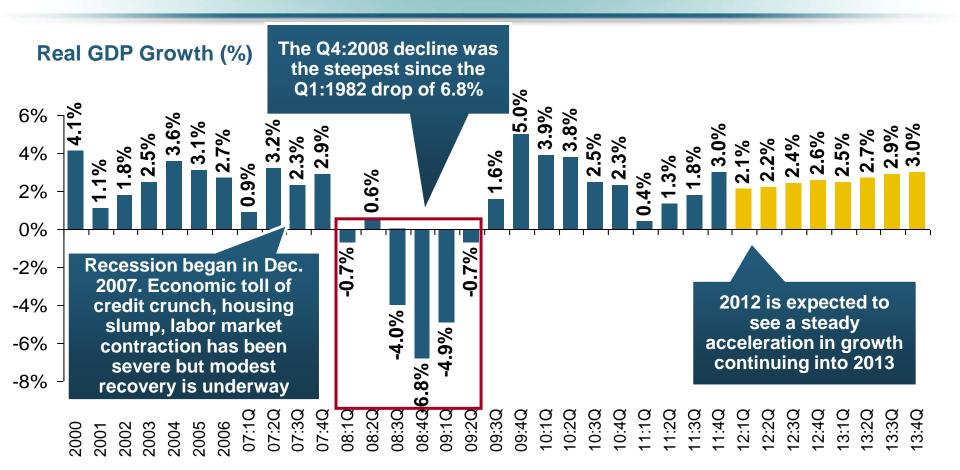


# **The Economic Storm**

What the Financial Crisis and Recession Mean for the Industry's Exposure Base, Growth and Profitability

### **US Real GDP Growth\***





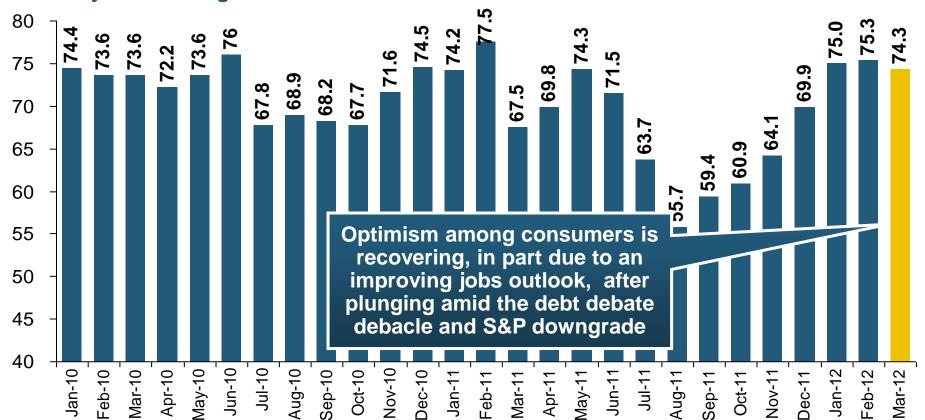
Demand for Insurance Continues To Be Impacted by Sluggish Economic Conditions, but the Benefits of Even Slow Growth Will Compound and Gradually Benefit the Economy Broadly

\* Estimates/Forecasts from Blue Chip Economic Indicators.

Source: US Department of Commerce, Blue Economic Indicators 3/12; Insurance Information Institute.

### Consumer Sentiment Survey (1966 = 100)

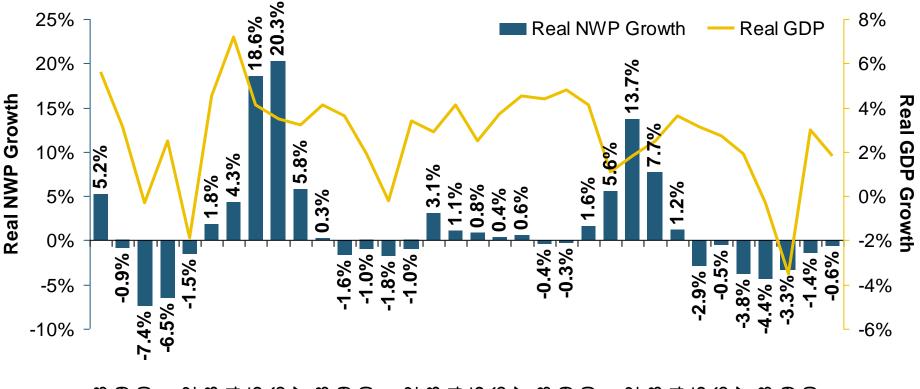
January 2010 through March 2012



Consumer confidence has been low for years amid high unemployment, falling home prices and other factors adversely impact consumers, but improved substantially in late 2011 and early 2012

#### Real GDP Growth vs. Real P/C Premium Growth: Modest Association

#### Real GDP Growth vs. Real P/C (%)



73

#### P/C Insurance Industry's Growth is Influenced Modestly by Growth in the Overall Economy

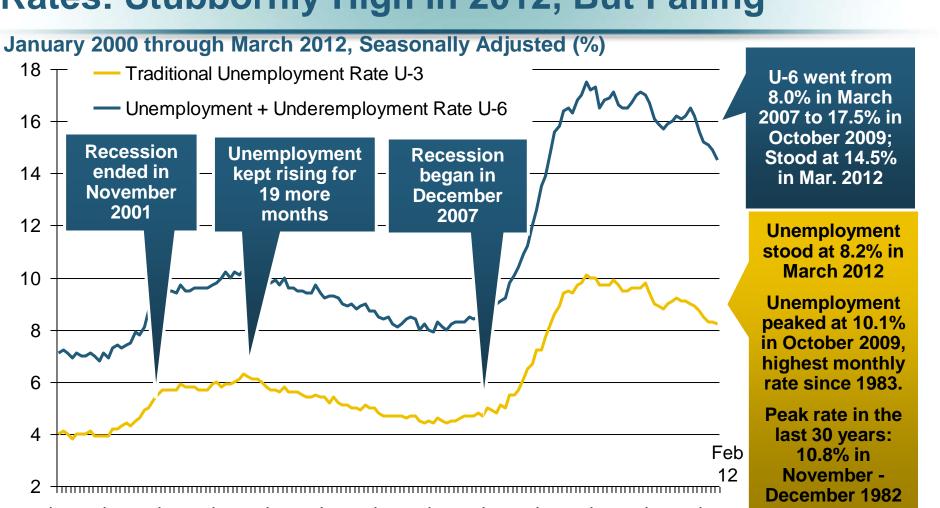
Sources: A.M. Best, US Bureau of Economic Analysis, Blue Chip Economic Indicators, 11/11; Insurance Information Institute



# Labor Market Trends

Massive Job Losses Sapped the Economy and Personal/Commercial Lines Exposure, But Trend is Improving

#### **Unemployment and Underemployment** Rates: Stubbornly High in 2012, But Falling



Jan													
00	01	02	03	04	05	06	07	08	09	10	11	12	

#### Stubbornly high unemployment and underemployment constrain overall economic growth, but the job market is now clearly improving

Source: US Bureau of Labor Statistics; Insurance Information Institute.

18

16

14

12

10

8

6

4

2

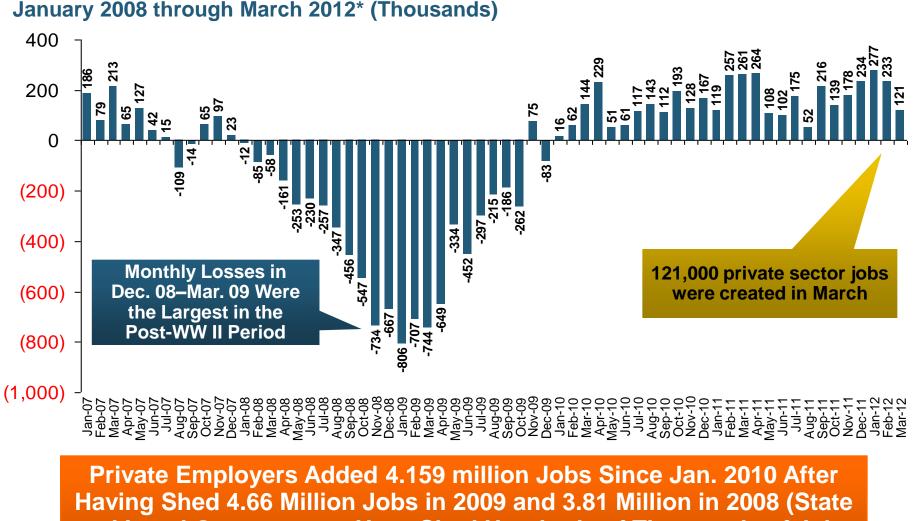
Recession

ended in

November

2001

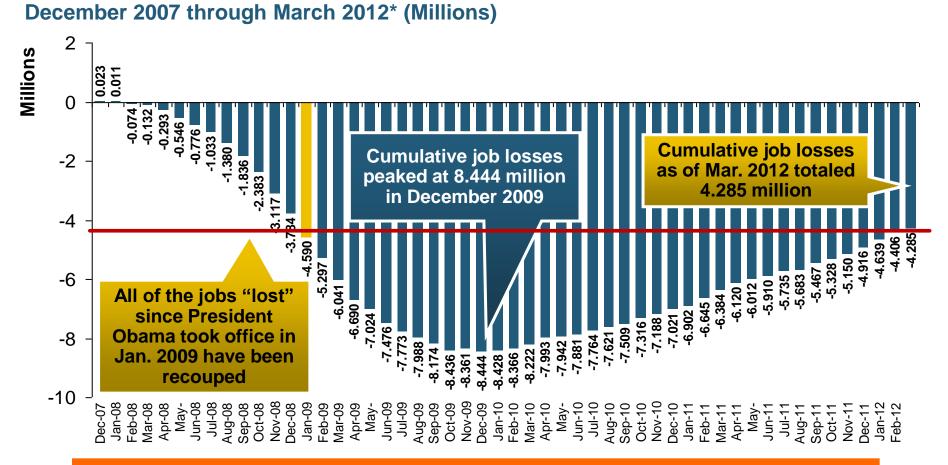
### Monthly Change in Private Employment



and Local Governments Have Shed Hundreds of Thousands of Jobs

Source: US Bureau of Labor Statistics: <u>http://www.bls.gov/ces/home.htm;</u> Insurance Information Institute

### Cumulative Change in Private Employment: Dec. 2007—Mar. 2012

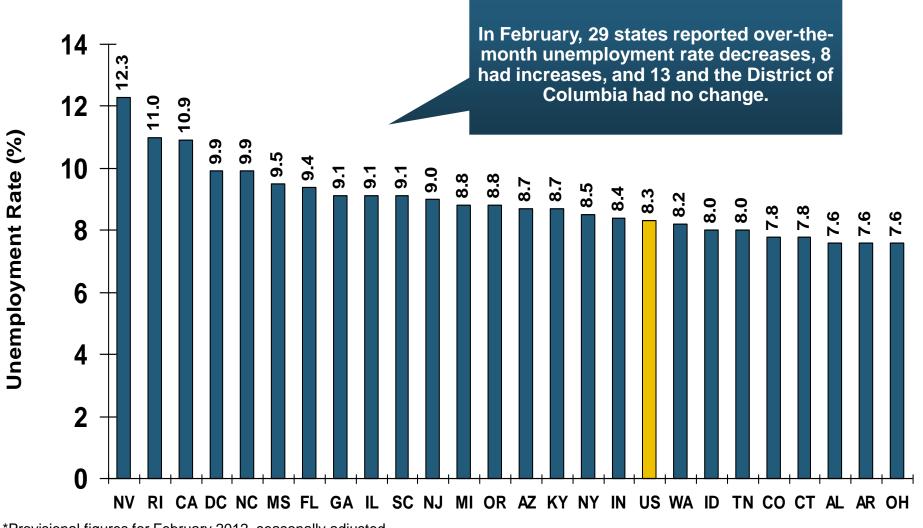


Private Employers Added 4.159 million Jobs Since Jan. 2010 After Having Shed 4.66 Million Jobs in 2009 and 3.81 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

Source: US Bureau of Labor Statistics: http://www.bls.gov/ces/home.htm; Insurance Information Institute

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### Unemployment Rates by State, February 2012: Highest 25 States\*

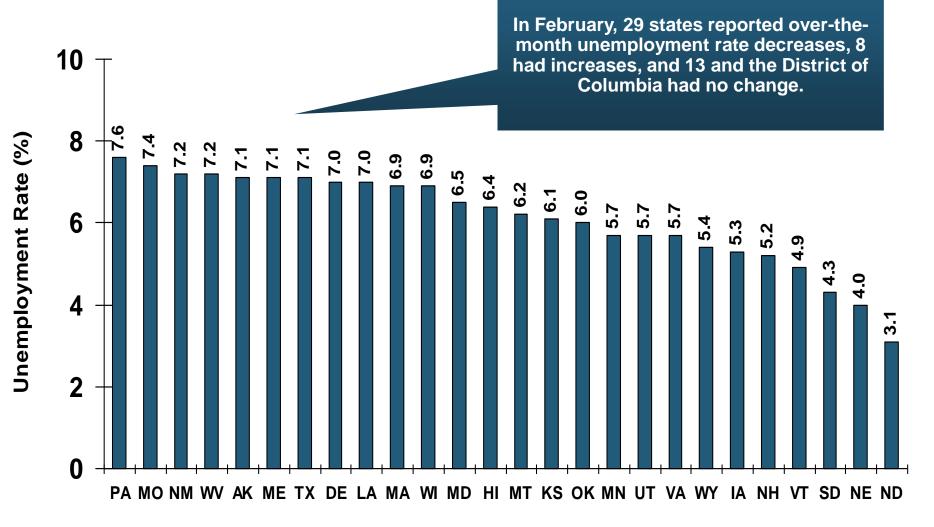


\*Provisional figures for February 2012, seasonally adjusted.

Sources: US Bureau of Labor Statistics; Insurance Information Institute.

### Unemployment Rates By State, February 2012: Lowest 25 States\*

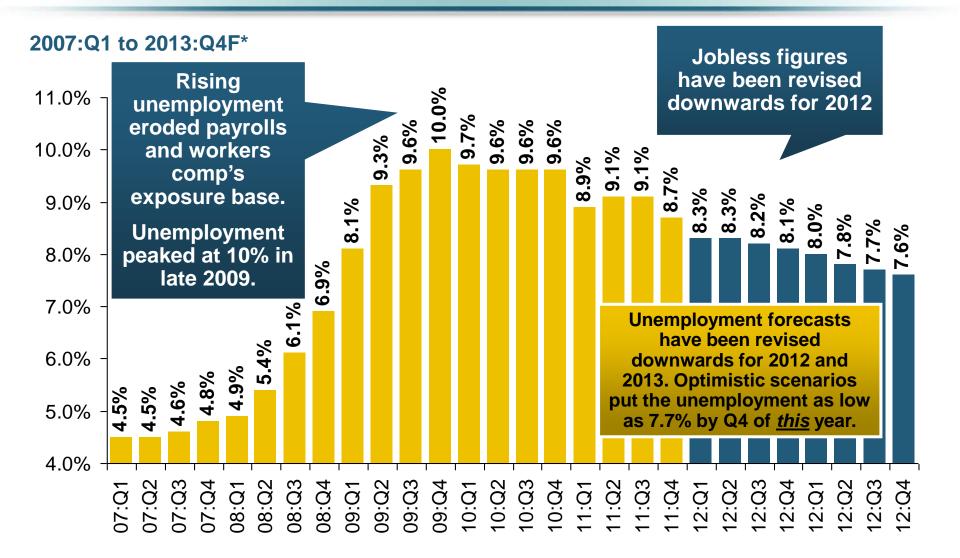




\*Provisional figures for February 2012, seasonally adjusted. Sources: US Bureau of Labor Statistics; Insurance Information Institute.

### **US Unemployment Rate**

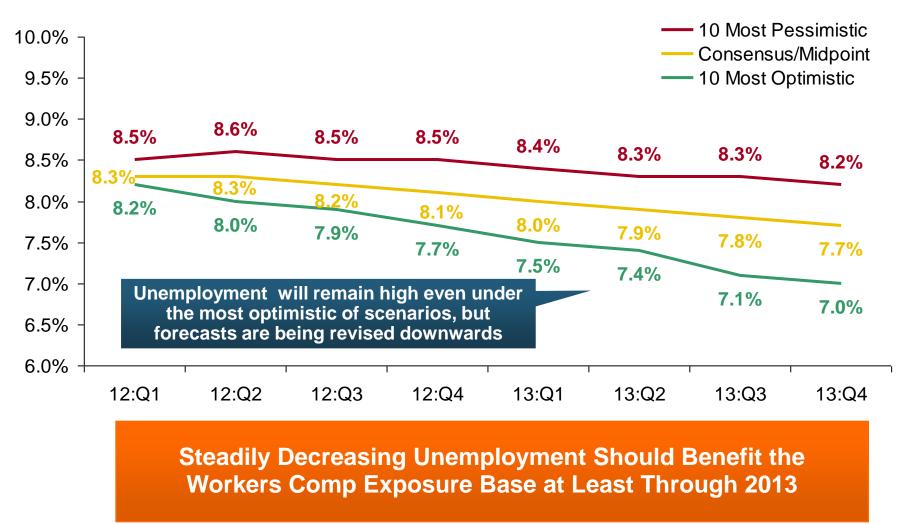
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\* \_\_\_\_\_ = actual; \_\_\_\_\_ = forecasts Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators (3/12 edition); Insurance Information Institute.

### **US Unemployment Rate Forecasts**

#### Quarterly, 2012:Q1 to 2013:Q4



Sources: Blue Chip Economic Indicators (3/12); Insurance Information Institute

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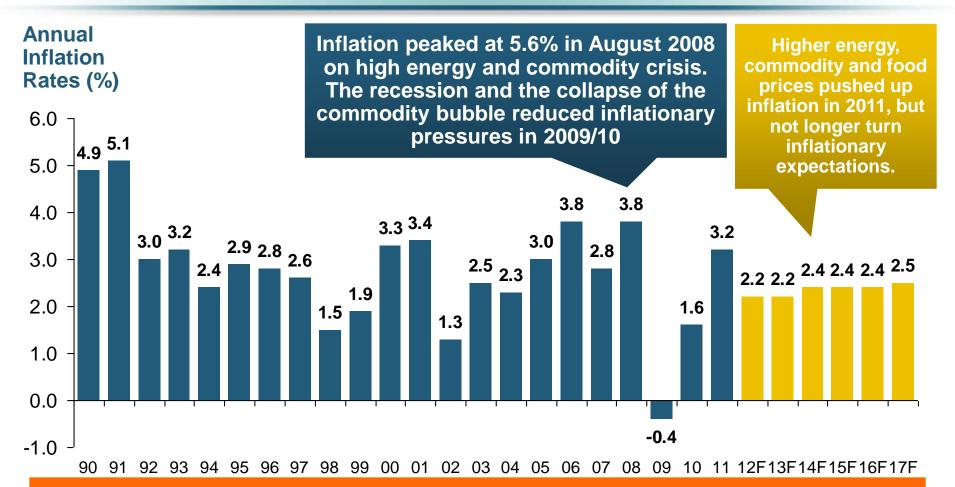


# Inflation

## Is it a Threat to Claim Cost Severities?

### Annual Inflation Rates, (CPI-U, %), 1990–2017F

#### INSURANCE INFORMATION INSTITUTE

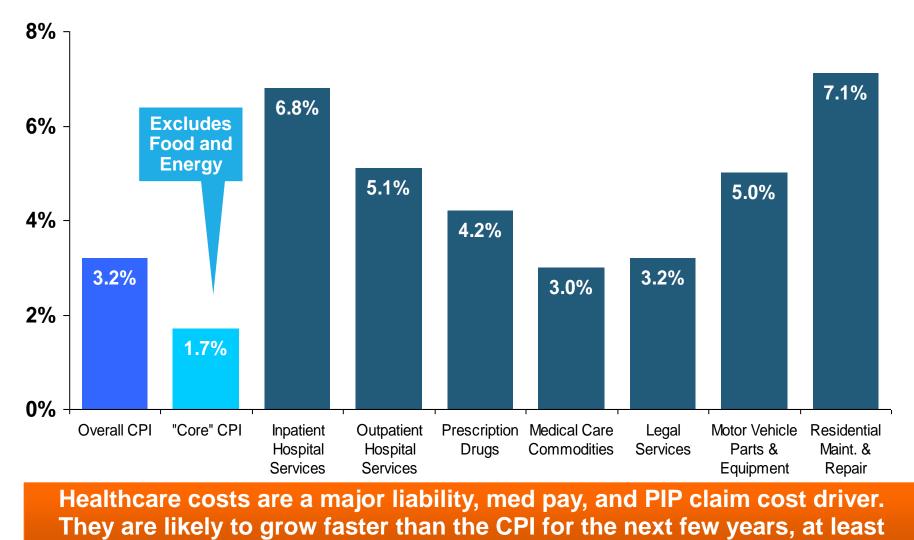


The slack in the U.S. economy suggests that inflationary pressures should remain subdued for an extended period of times. Energy, health care and commodity prices, plus U.S. debt burden, remain longer-run concerns

Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators, 10/11 and 3/12 (forecasts).

### P/C Personal Insurance Claim Cost Drivers Grow Faster Than the Core CPI Suggests

#### Price Level Change: 2011 vs. 2010

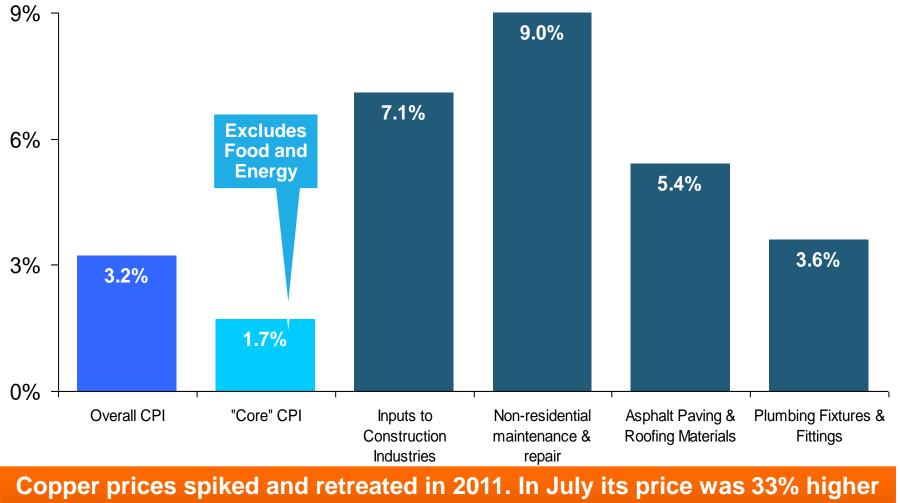


Sources: Bureau of Labor Statistics; Insurance Information Institute.

INSURANCE

### P/C Commercial Property Insurance Claim Cost Drivers Grow Faster than the Overall CPI Suggests



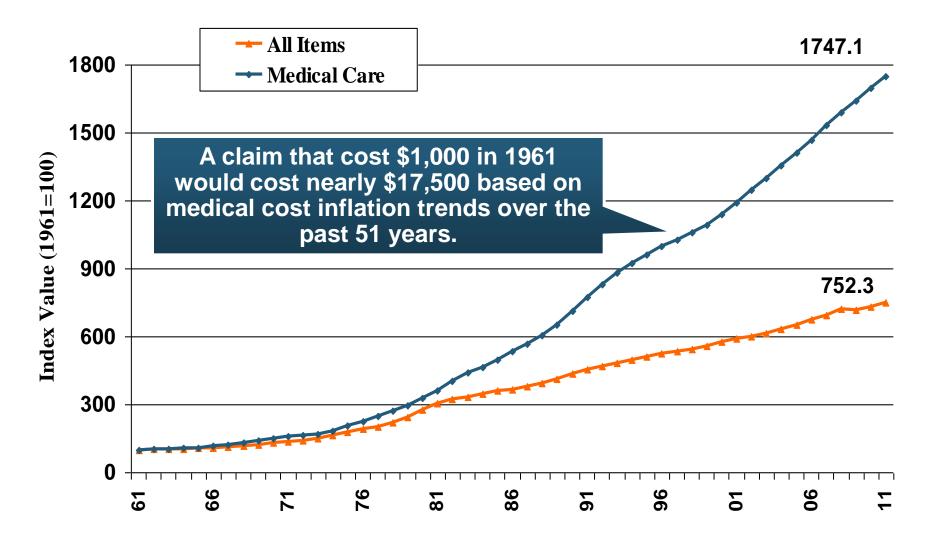


than a year earlier; by November it cost 8% less than in November 2010.

Sources: Bureau of Labor Statistics; Insurance Information Institute.

NSURANCE

### Medical Cost Inflation Has Outpaced Overall Inflation For Over 50 Years



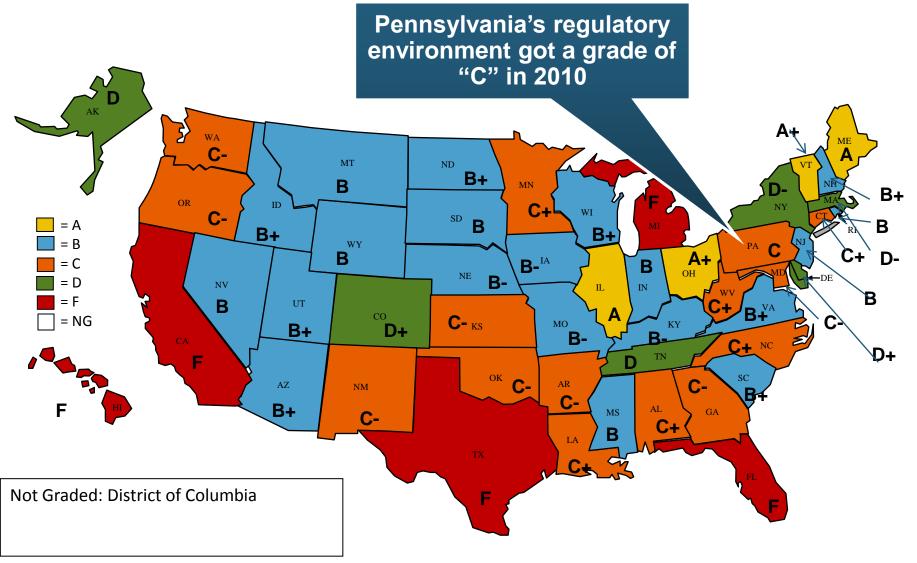


# Regulatory Environment & Financial Services Reform

State Regulatory Environments Vary Tremendously and Can Impact Insurer Profitability and Ability to Compete

### 2010 Property and Casualty Insurance Regulatory Report Card





Source: Heartland Institute, May 2011



### **Insurance Information Institute Online:**

# www.iii.org

# Thank you for your time and your attention! Twitter: twitter.com/bob\_hartwig