



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

**Insurance Information Institute  
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**Robert P. Hartwig, Ph.D., CPCU, President & Economist**

**Insurance Information Institute ♦ 110 William Street ♦ New York, NY 10038**

**Tel: 212.346.5520 ♦ Cell: 917.453.1885 ♦ bobh@iii.org ♦ www.iii.org**

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  - ◆ Average Premium/Expenditures
- **Personal Lines Growth Drivers**
  - ◆ Exposure, Pricing Factors
- **Personal Lines Profitability Analysis**
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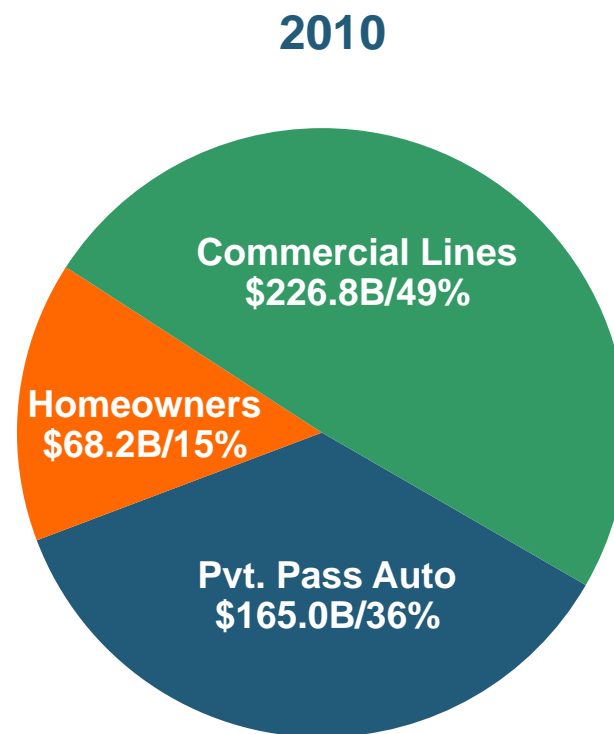
# Personal Lines Growth Analysis

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

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

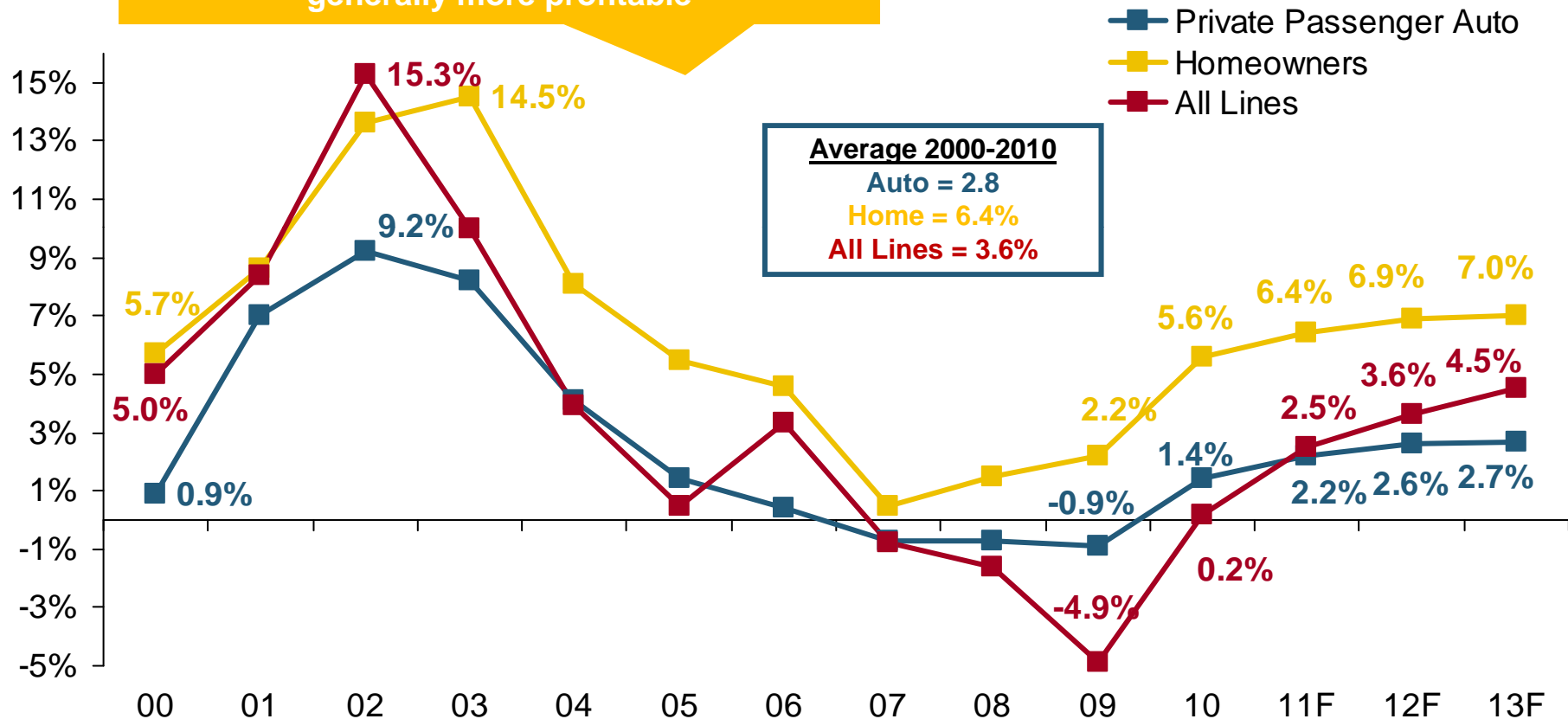
## Distribution Facts

- 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 state-run residual market plans



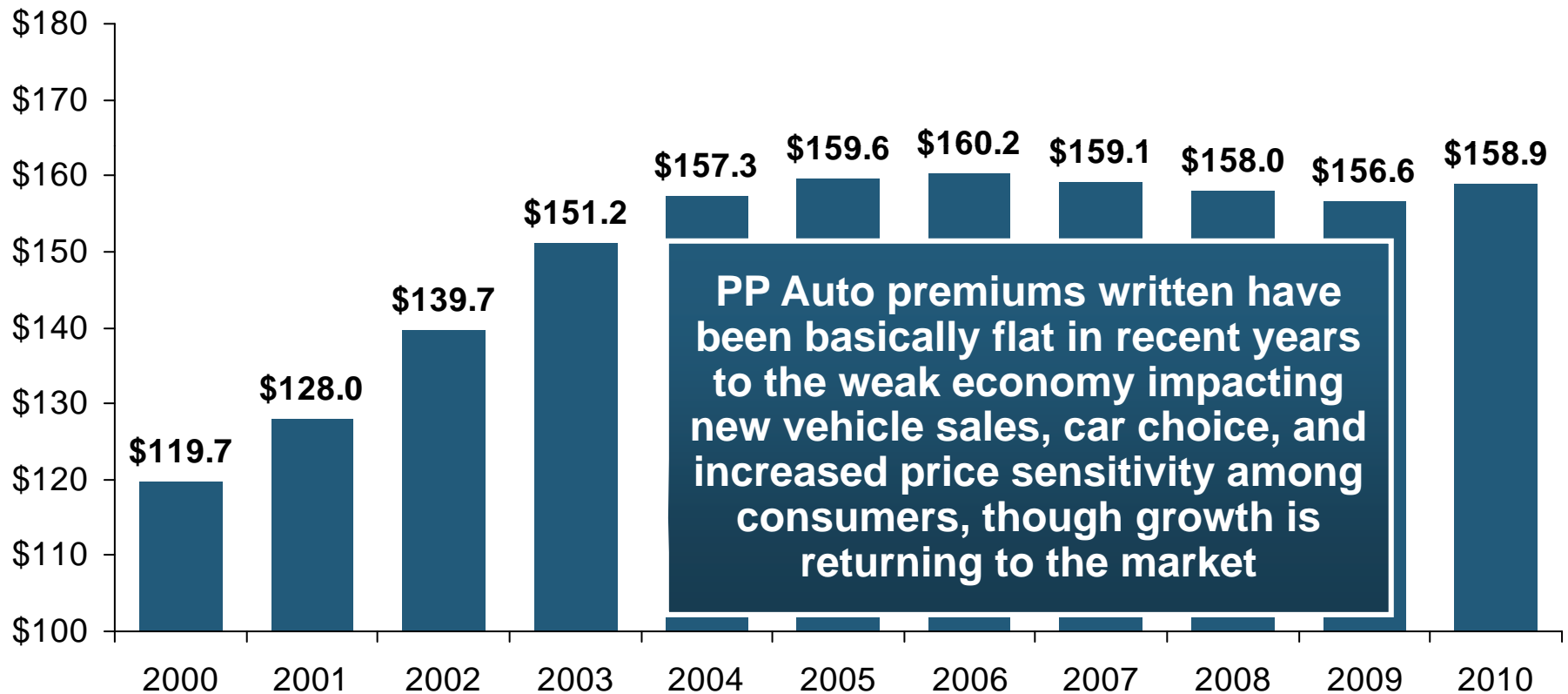
# Auto & Home vs. All Lines, Net Written Premium Growth, 2000–2013F

While homeowners insurance has grown faster than auto over the past decade, auto is generally more profitable



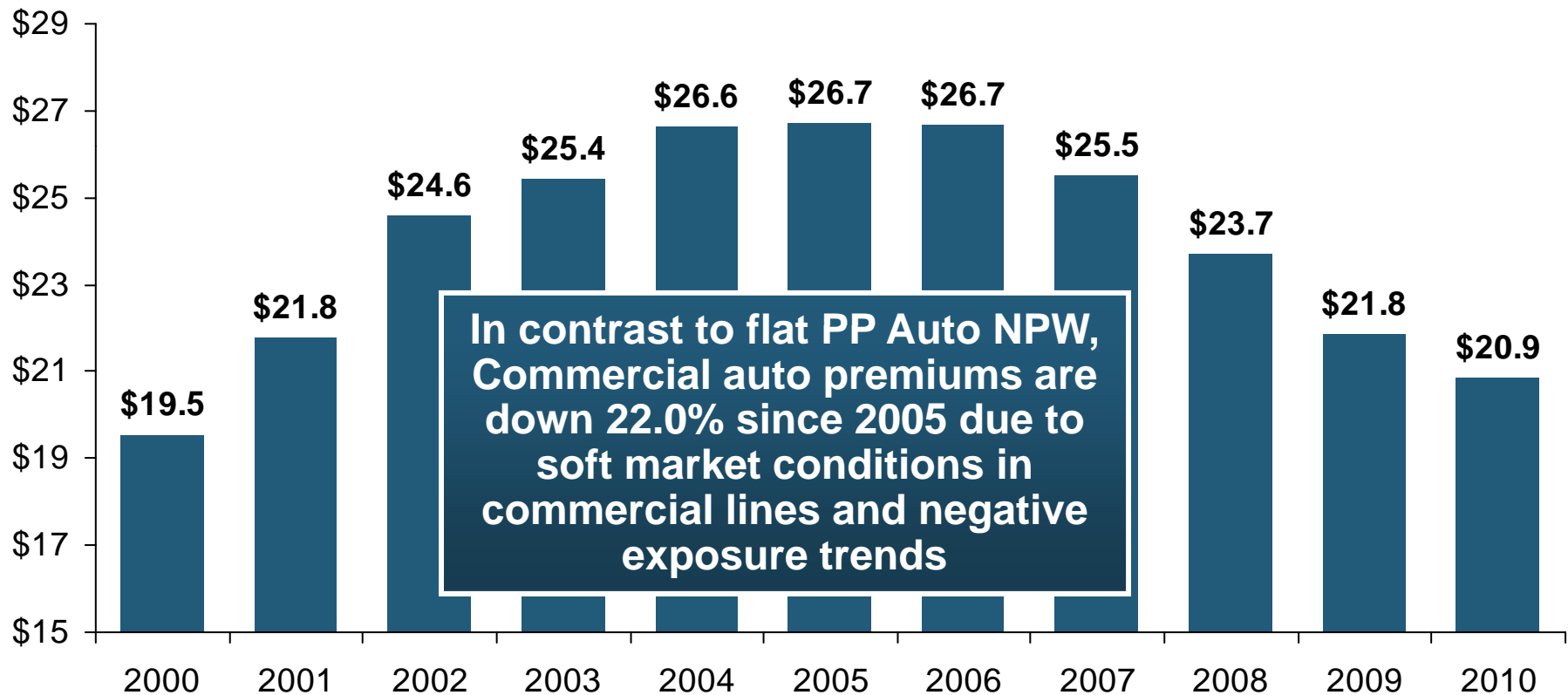
# Private Passenger Auto Insurance Net Written Premium, 2000–2010

\$ Billion



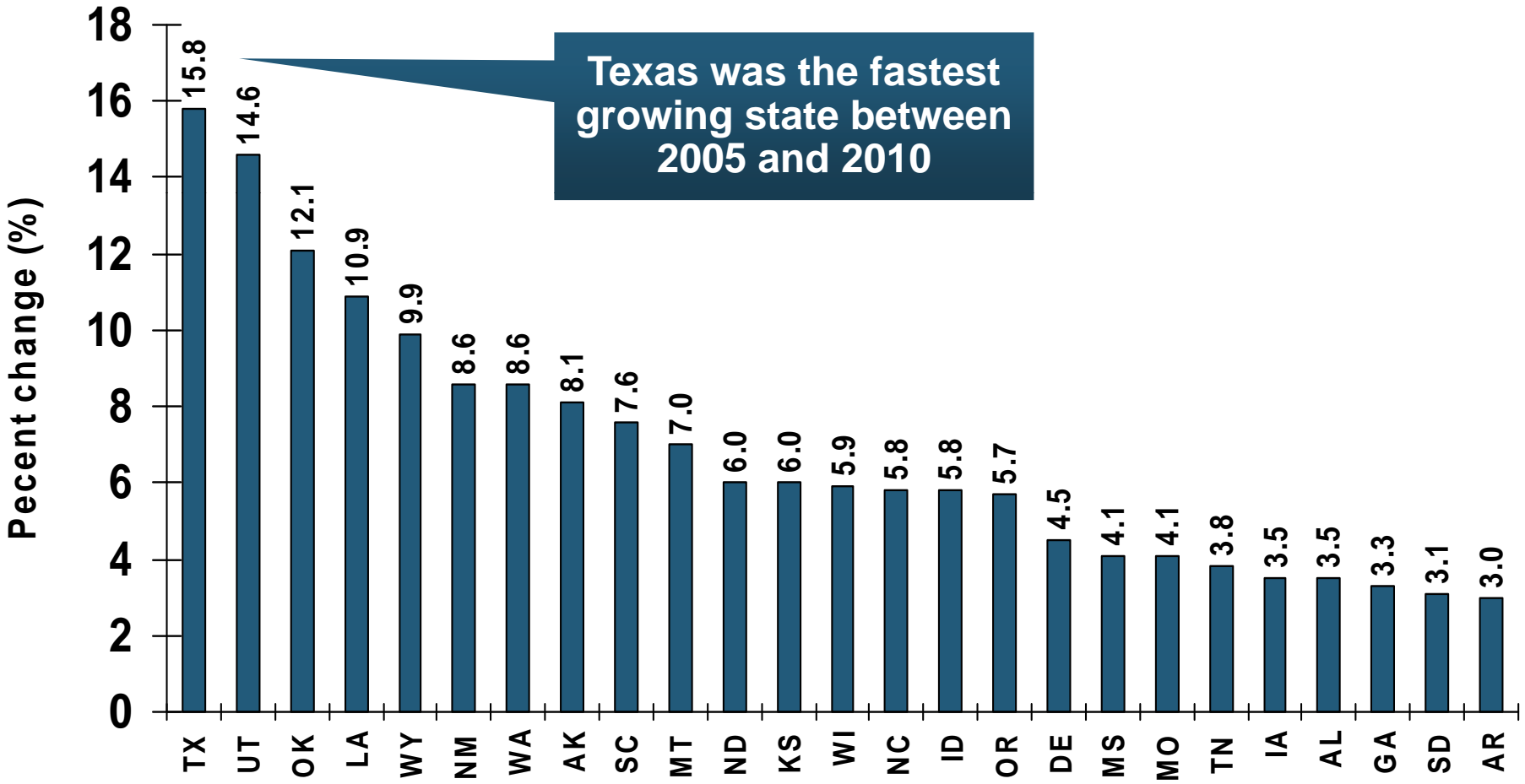
# Commercial Auto Insurance Net Written Premium, 2000–2010

\$ Billion



# Percent Change in DPW: Pvt. Pass. Auto by State, 2005-2010

## Top 25 States

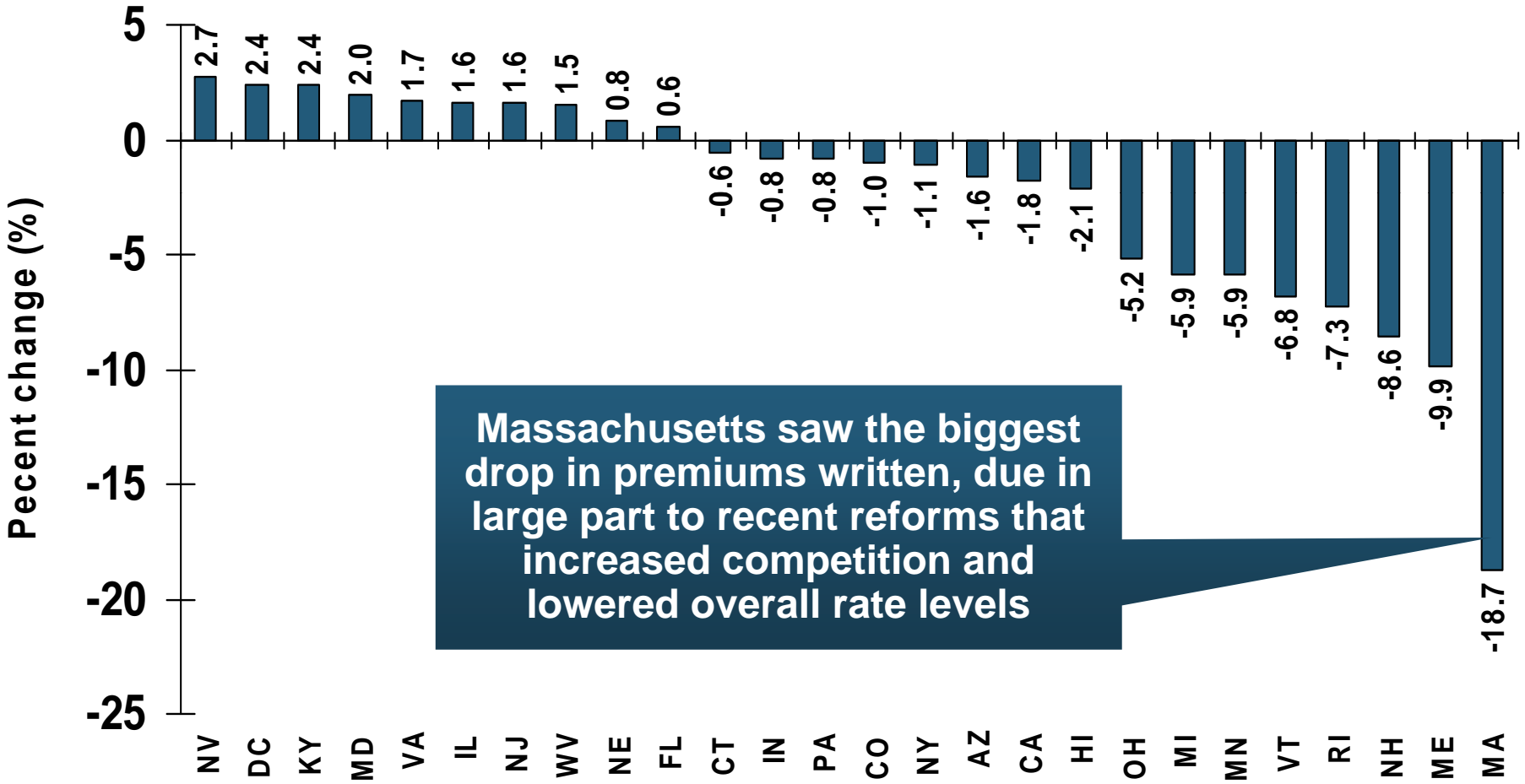


Sources: SNL Financial LC.; Insurance Information Institute.



# Percent Change in DPW: Pvt. Pass. Auto by State, 2005-2010

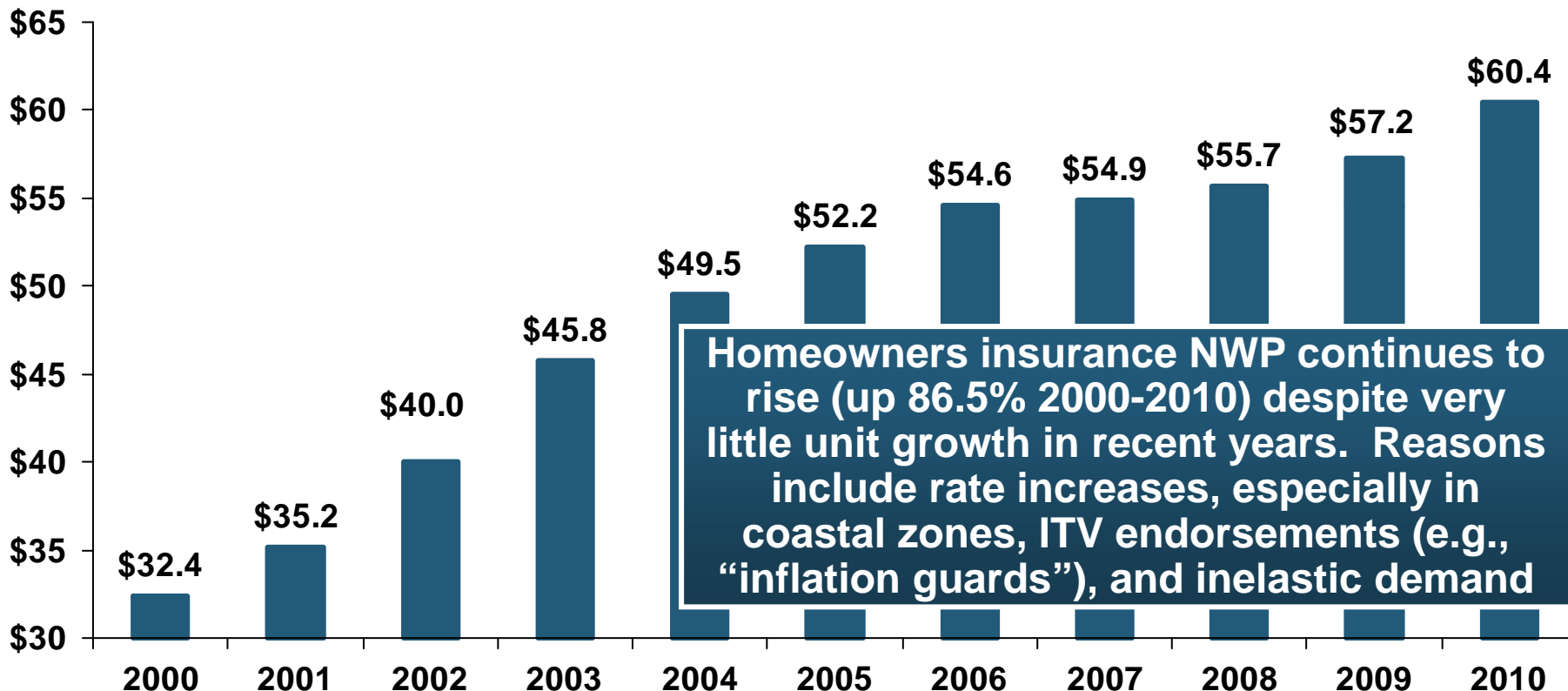
## Bottom 25 States



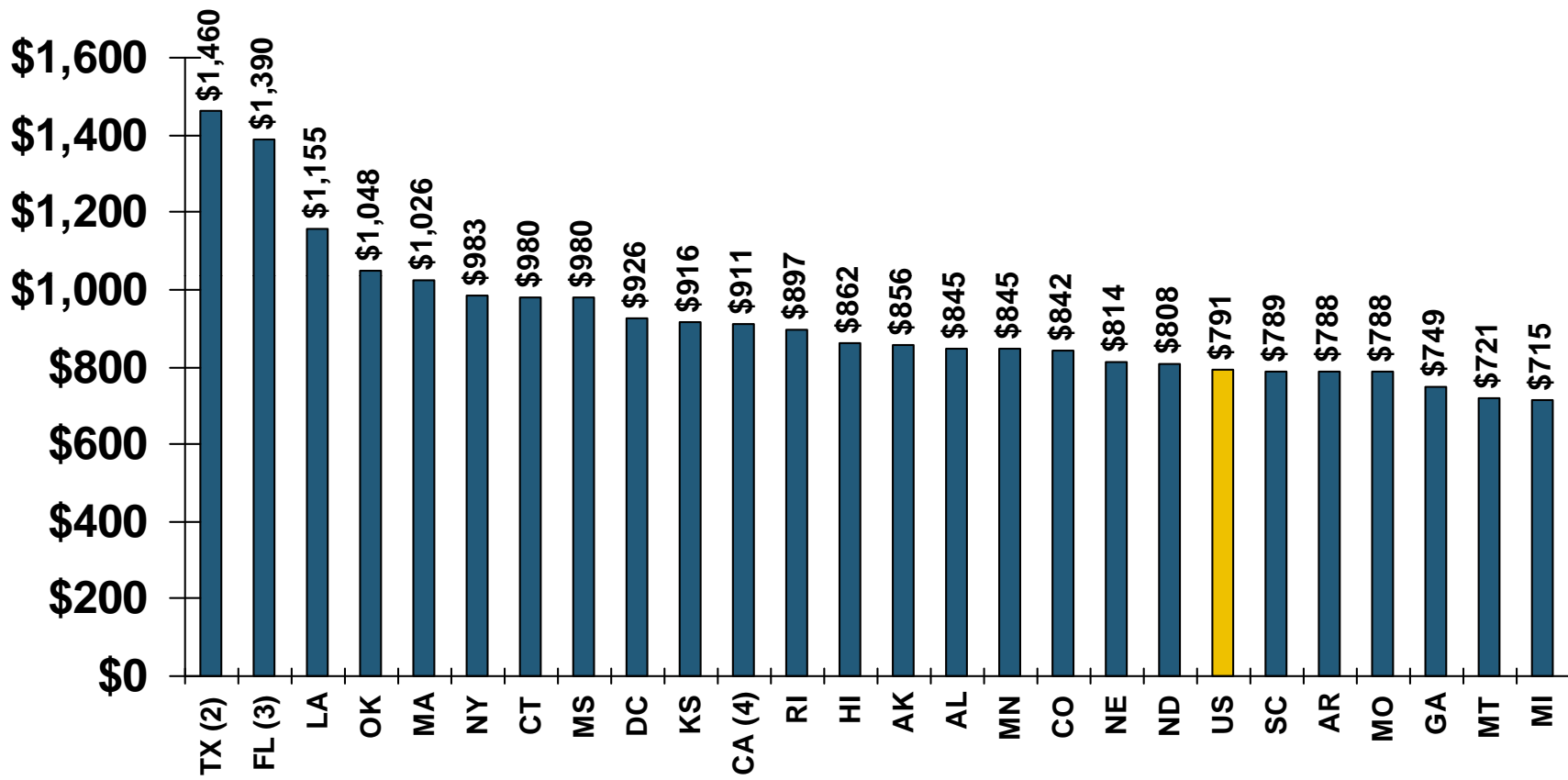
Sources: SNL Financial LC.; Insurance Information Institute.

# Homeowners Insurance Net Written Premium, 2000–2010

\$ Billions



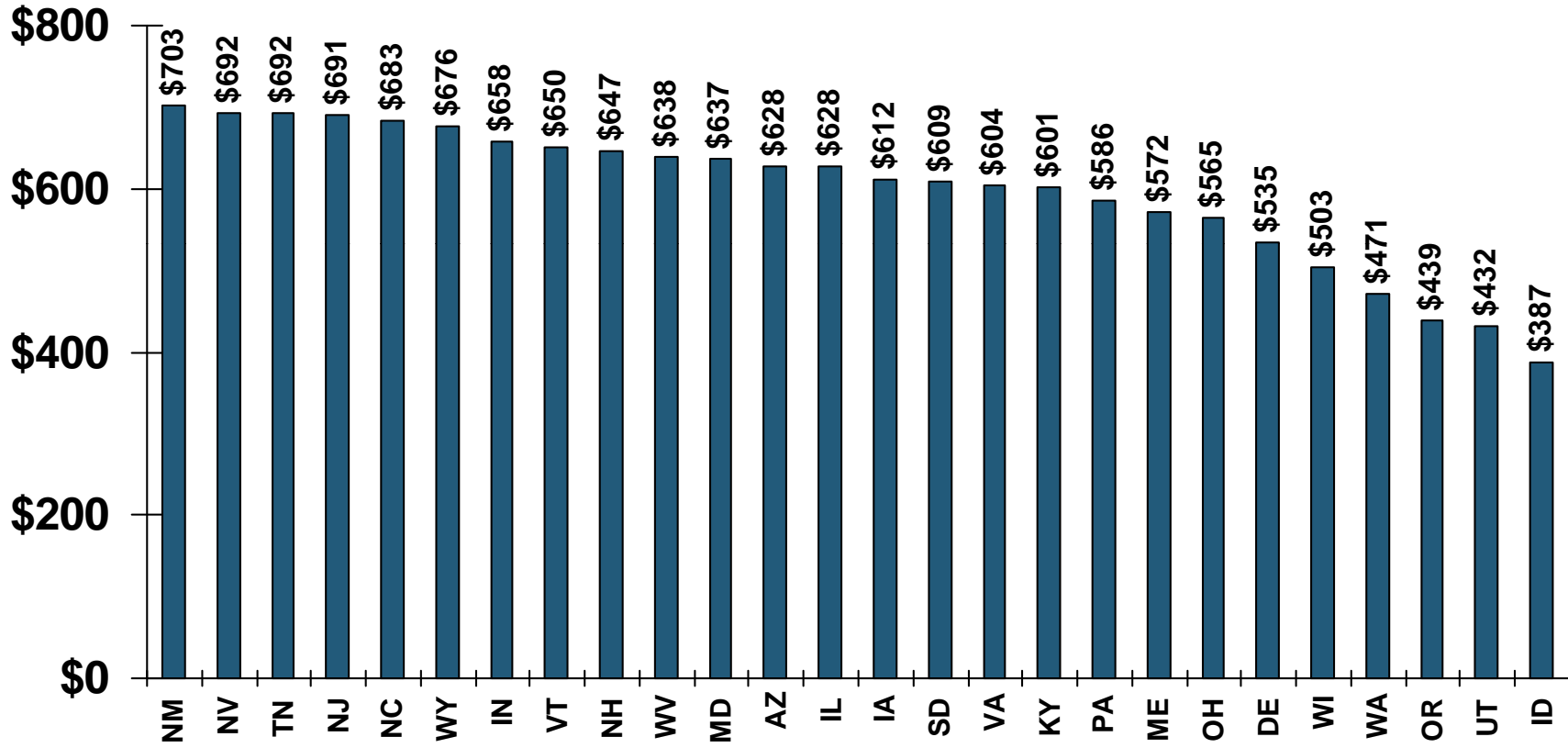
# Average Premiums For Home Insurance By State, 2008 (1)



(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. (2) The Texas Department of Insurance developed home insurance policy forms that are similar but not identical to the standard forms. (3) Florida data exclude policies written by Citizens Property Insurance Corporation, the state's insurer of last resort, and therefore are not directly of comparable with other states. (4) California data were provided by the California Department of Insurance.

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

# Average Premiums For Home Insurance By State, 2008 (1) (con't)



(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.

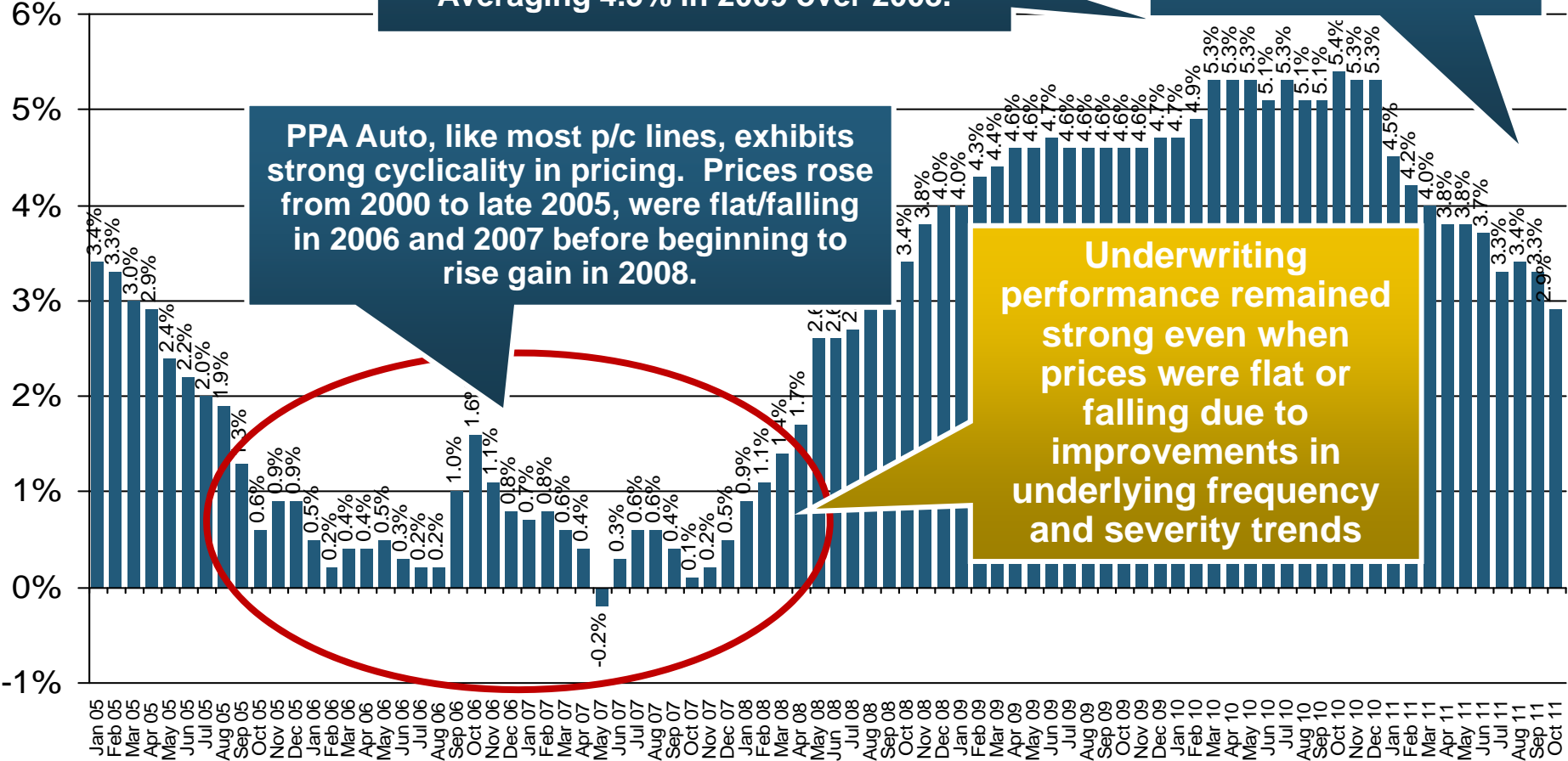
Source: © 2010 National Association of Insurance Commissioners (NAIC). Reprinted with permission. Further reprint or distribution strictly prohibited without written permission of NAIC.

# **Personal Lines Growth Drivers**

**Rate is Presently a Bigger  
Driver than Exposure**

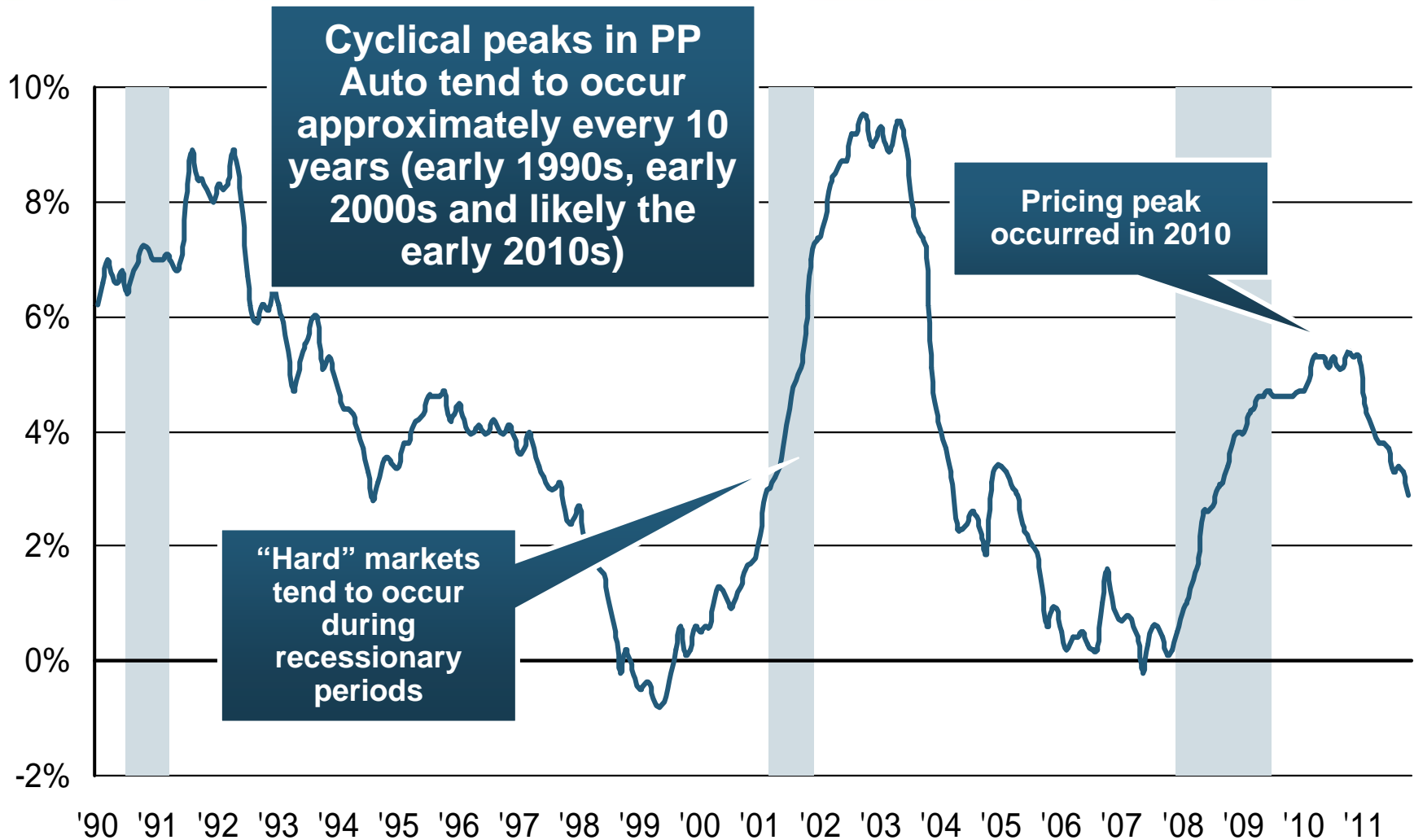
# Monthly Change\* in Auto Insurance Prices, January 2005 - October 2011

(Percent Change from same month, prior year)



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

# Monthly Change\* in Auto Insurance Prices, 1991–2011\*

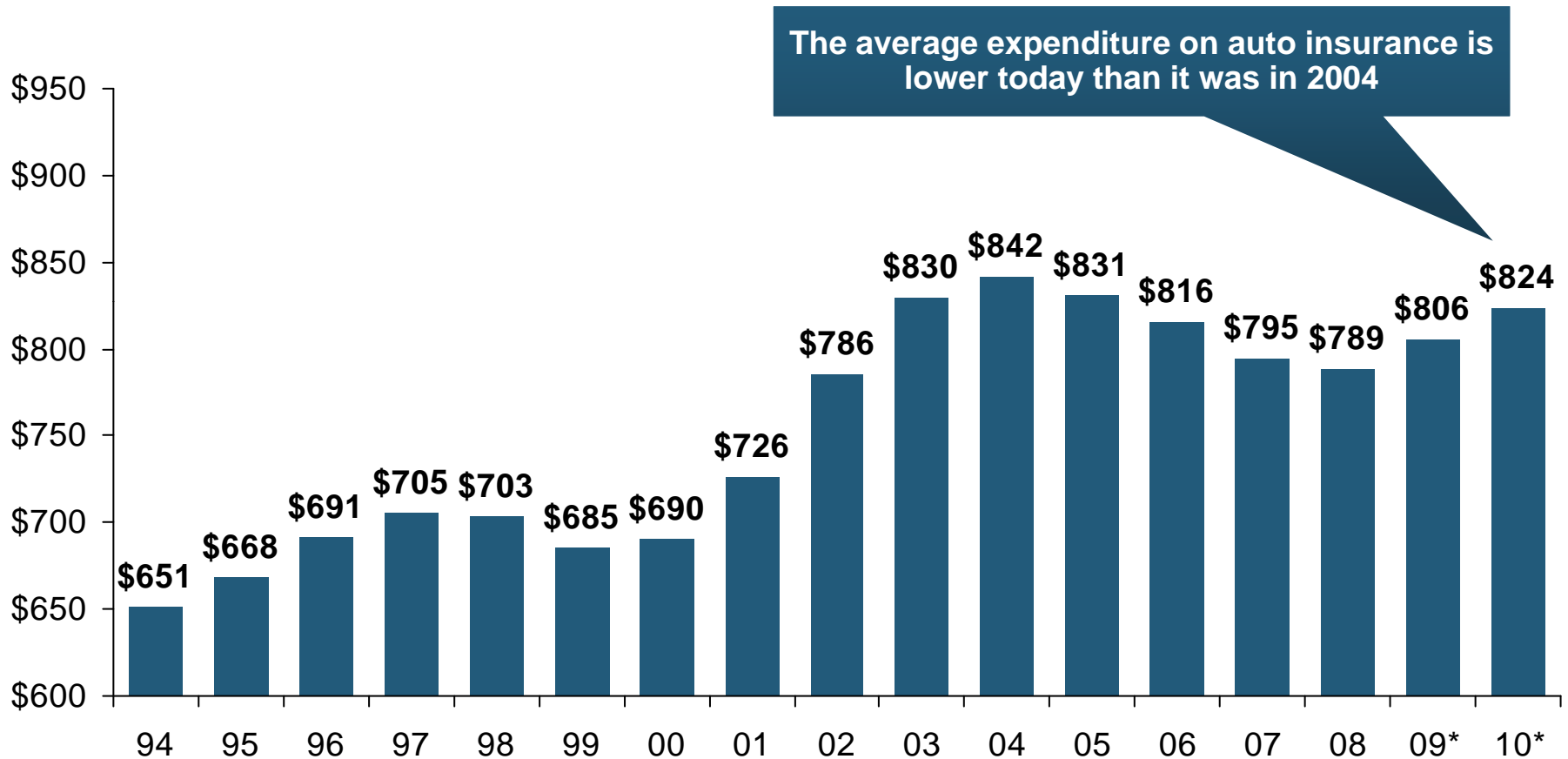


\*Percentage change from same month in prior year; through October 2011; seasonally adjusted

Note: Recessions indicated by gray shaded columns.

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

# Average Expenditures on Auto Insurance



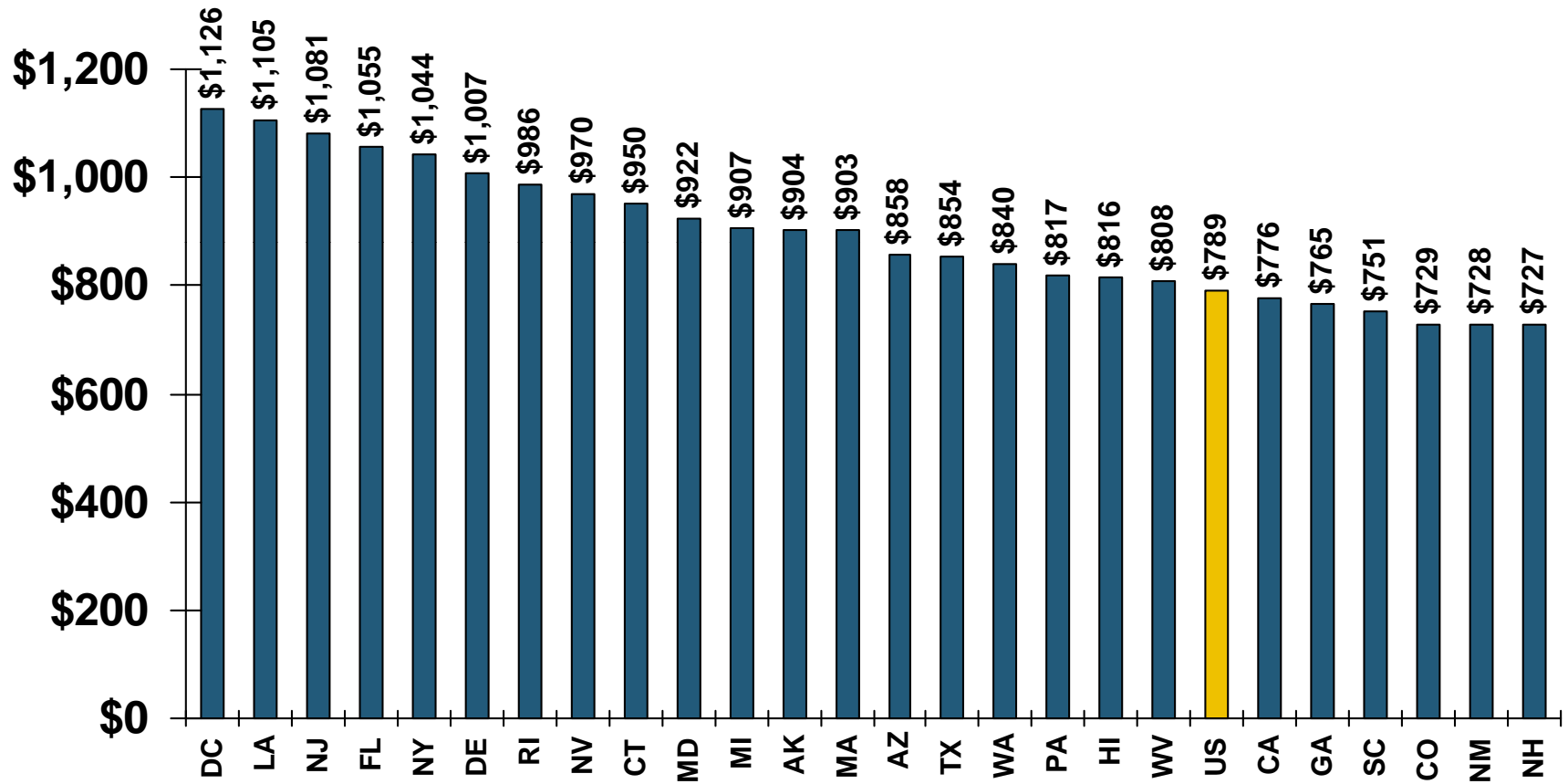
**Countrywide Auto Insurance Expenditures Decreased 0.8% in 2008 and Increased 2.2% in 2009 (est.) and 2010 (est.)**

\* Insurance Information Institute Estimates/Forecasts

Source: NAIC, Insurance Information Institute estimates 2009-2010 based on CPI and other data.

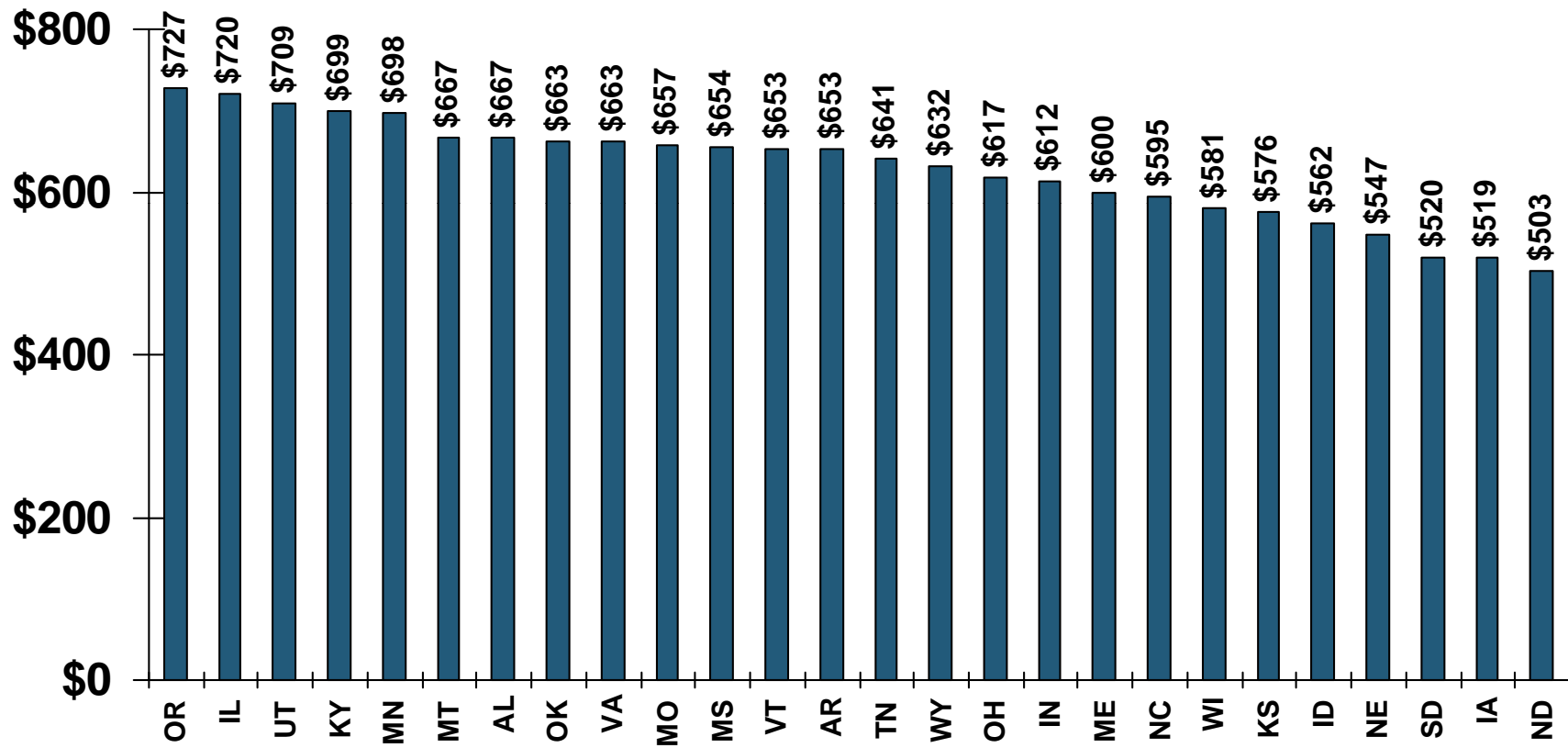


# Average Expenditures For Auto Insurance By State, 2008



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.

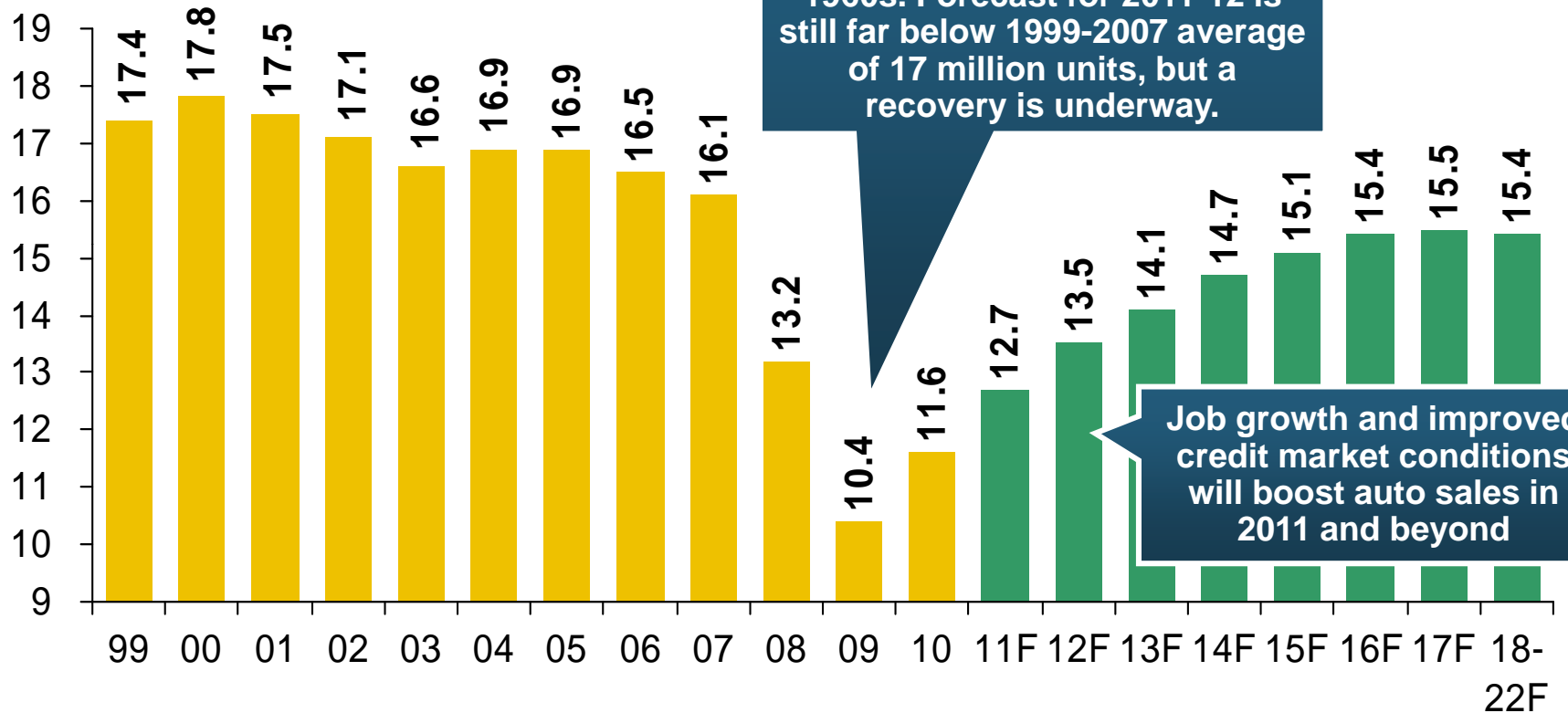
# Average Expenditures For Auto Insurance By State, 2008 (con't)



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.

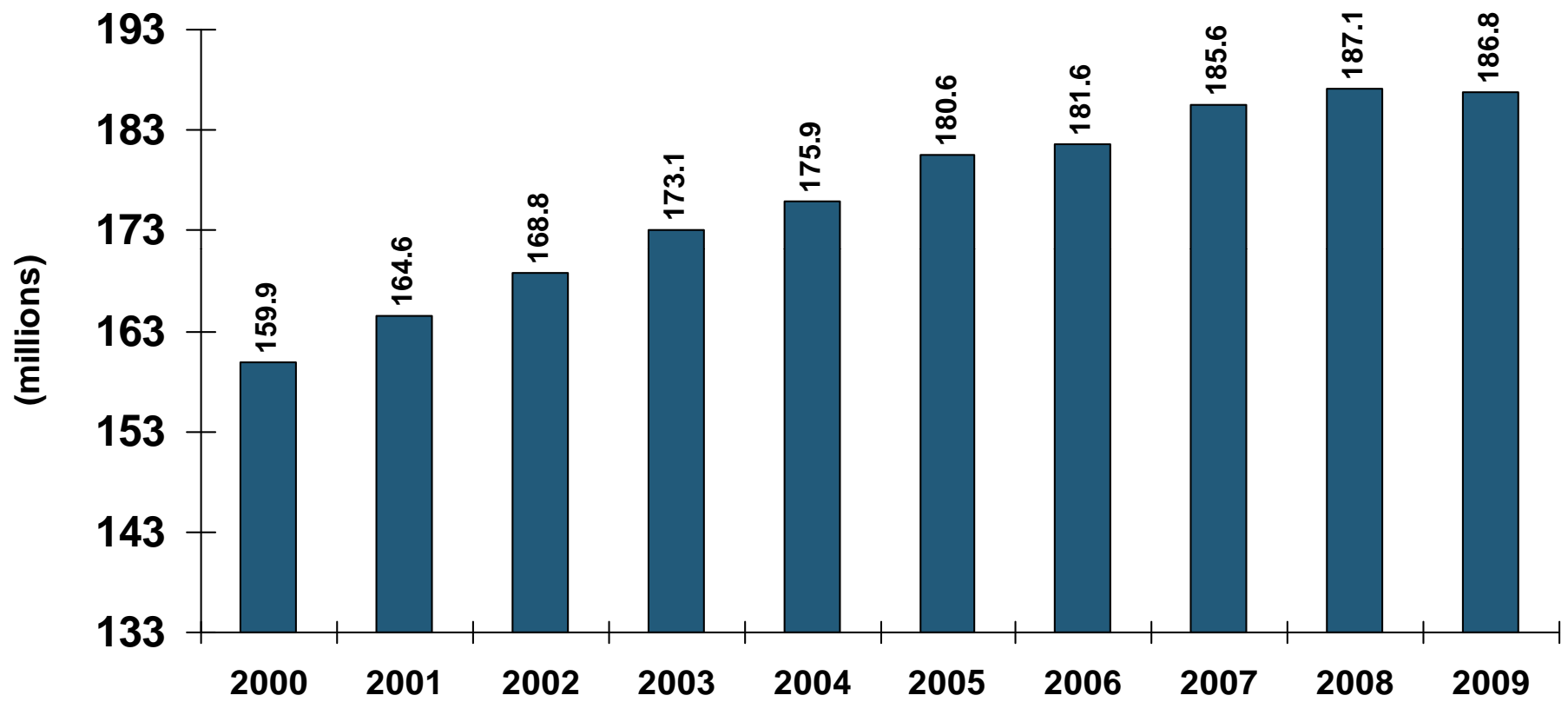
# Auto/Light Truck Sales, 1999-2022F

(Millions of Units)



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

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



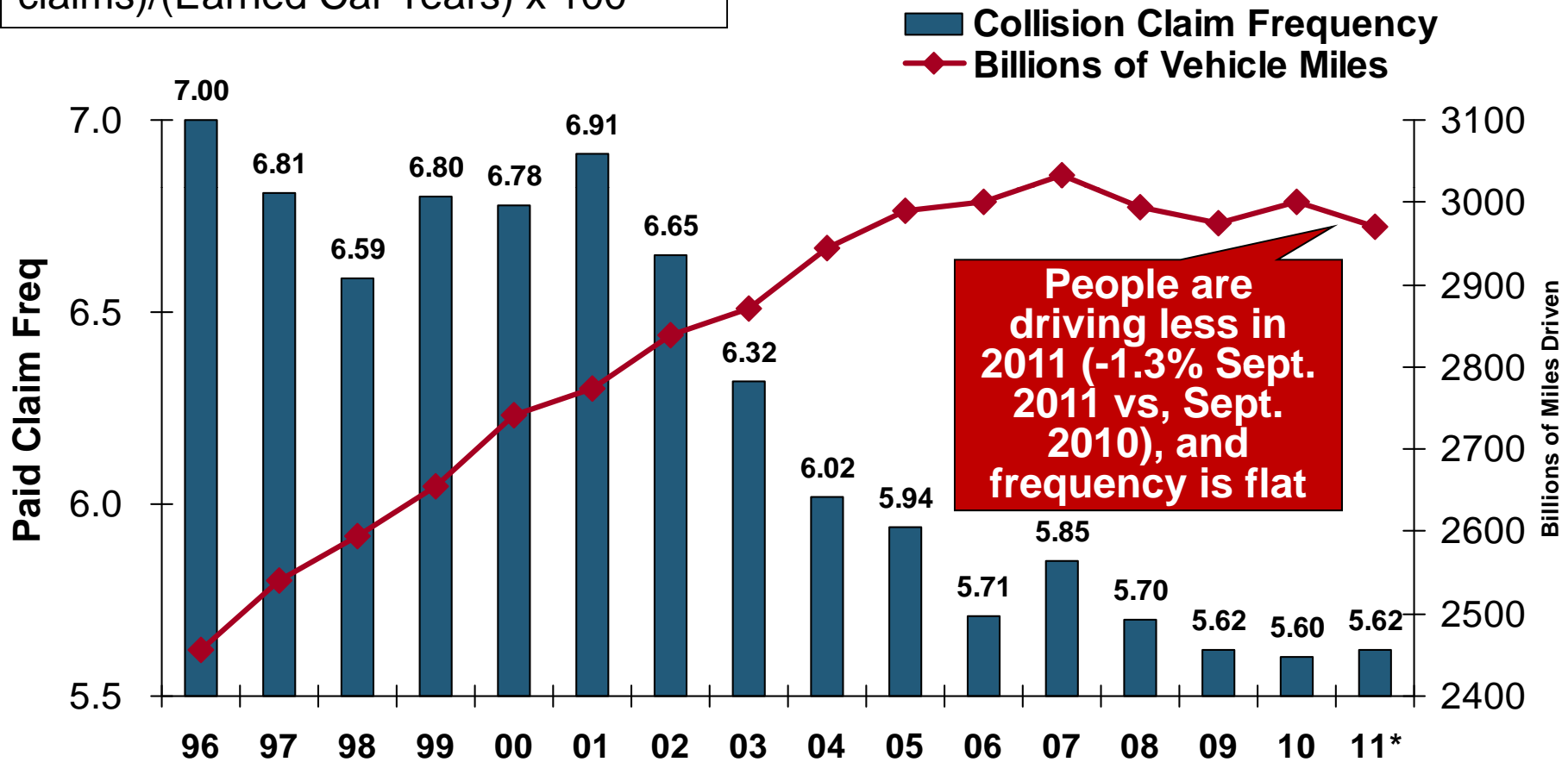
**The Number of Insured Passenger Vehicles Stopped Growing During the Economic Downturn. Growth Has Likely Returned.**

\*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



Sources: Federal Highway Administration (<http://www.fhwa.dot.gov/ohim/tvtw/tvtpage.cfm>); 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

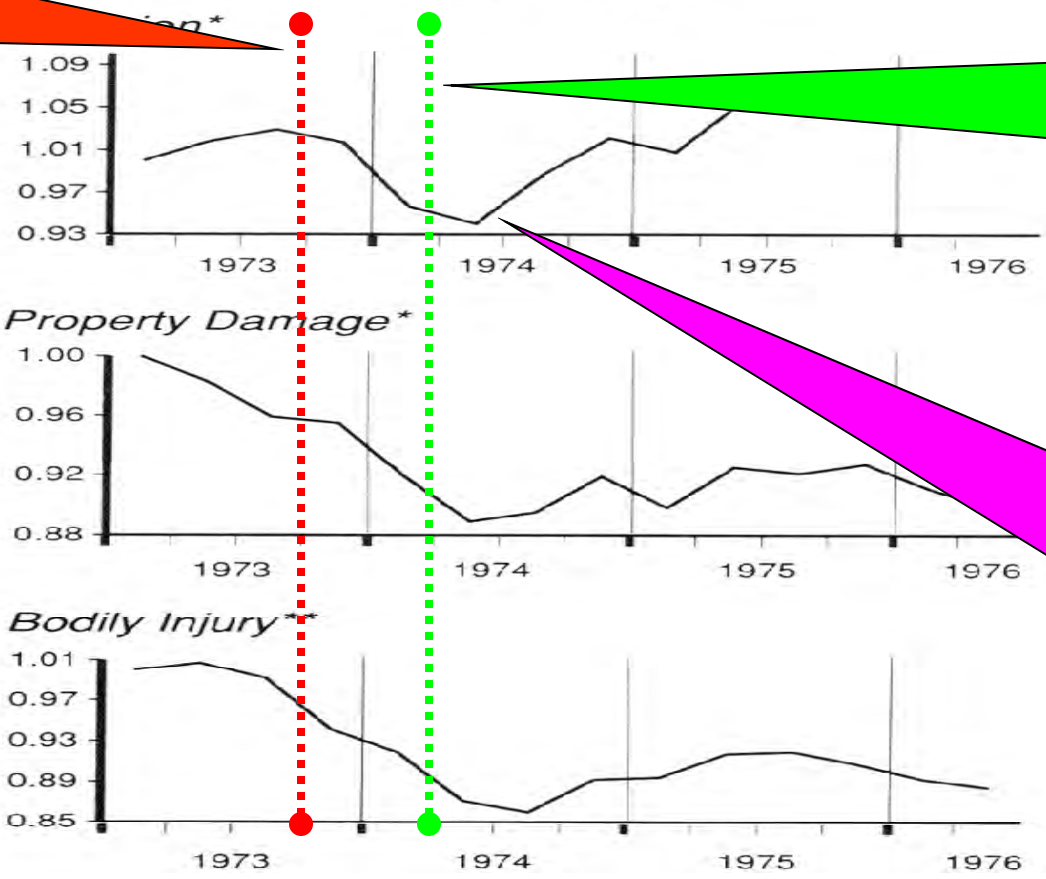
**Oct. 17, 1973: Arab oil embargo begins**

**Frequency Impacts**  
**Collision: -7.7%**  
**PD: -9.5%**  
**BI: -13.3%**

**Driving Stats**  
 • Gas prices rose 35-40%  
 • Miles driven fell 6.7% in 1974

Figure 6

## The First Crisis—Frequency



**March 17, 1974: Arab oil states announce end to embargo**

**Frequency began to rebound almost immediately after the embargo ended**

\*Seasonally Adjusted, Quarterly Paid Fast Track data indexed to First Quarter 1973.  
 \*\*ISO Paid Data, year-ended quarter indexed to First Quarter 1973.

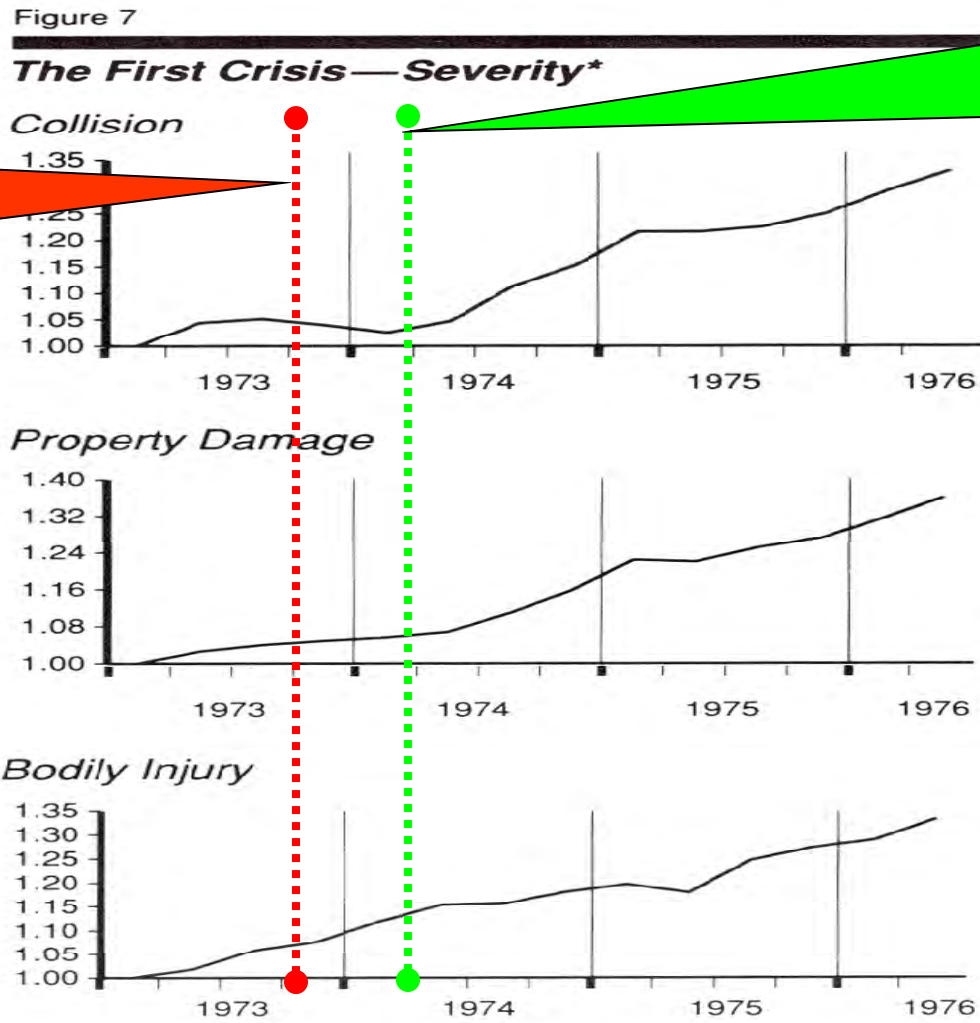
# Auto Insurance: Claim Severity Impacts of Energy Crisis/Recession of 1973/74

**Oct. 17, 1973: Arab oil embargo begins**

**March 17, 1974: Arab oil states announce end to embargo**

**Severity Impacts**  
**Collision: - 7.5%**  
**PD: +15.9%**  
**BI: N/A\***

**Driving Stats**  
 • Gas prices rose 35-40%  
 • Miles driven fell 6.7% in 1974

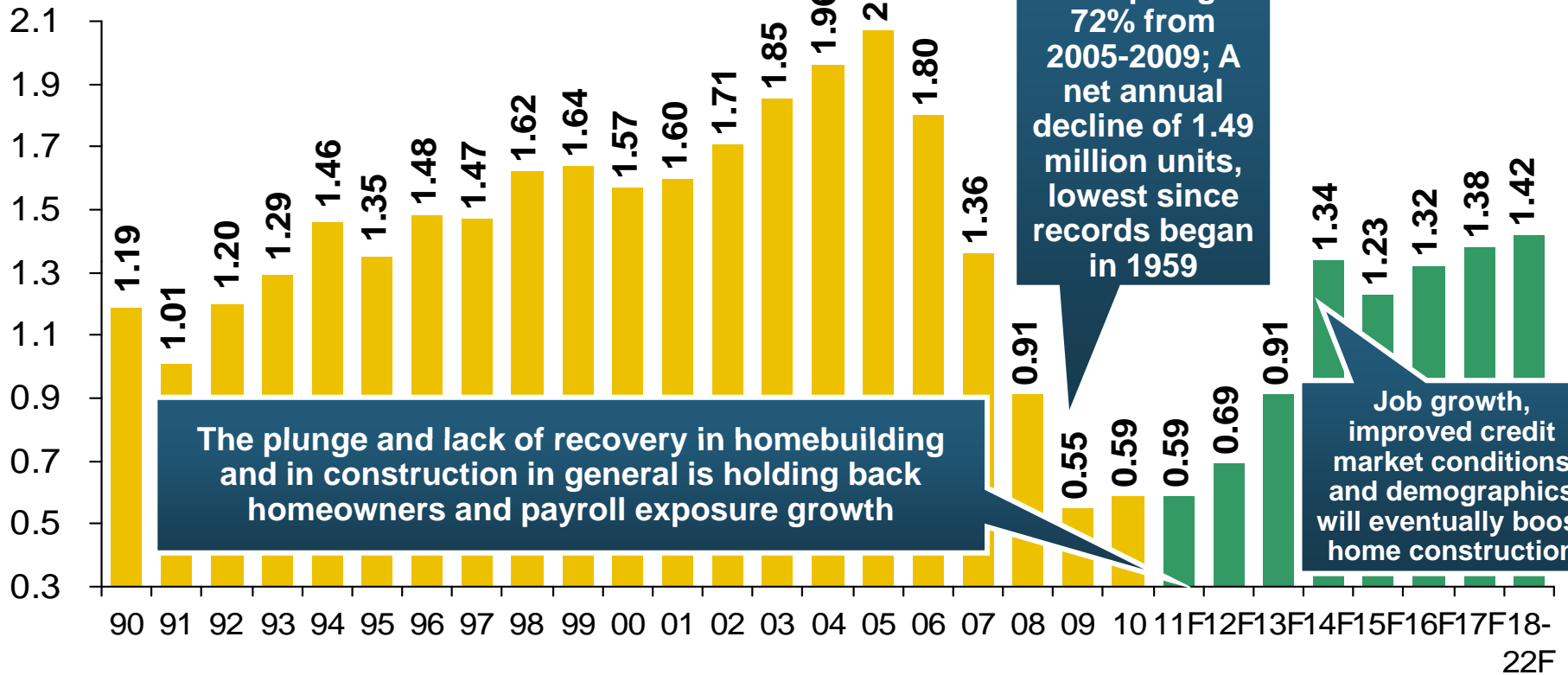


\*Seasonally Adjusted, Quarterly Paid Fast Track data indexed to First Quarter 1973.

**Collision severity began to rebound almost immediately after the embargo ended; PD accelerated as inflation rose; No discernable trend change in BI.**

# New Private Housing Starts, 1990-2022F

(Millions of Units)



The plunge and lack of recovery in homebuilding and in construction in general is holding back homeowners and payroll exposure growth

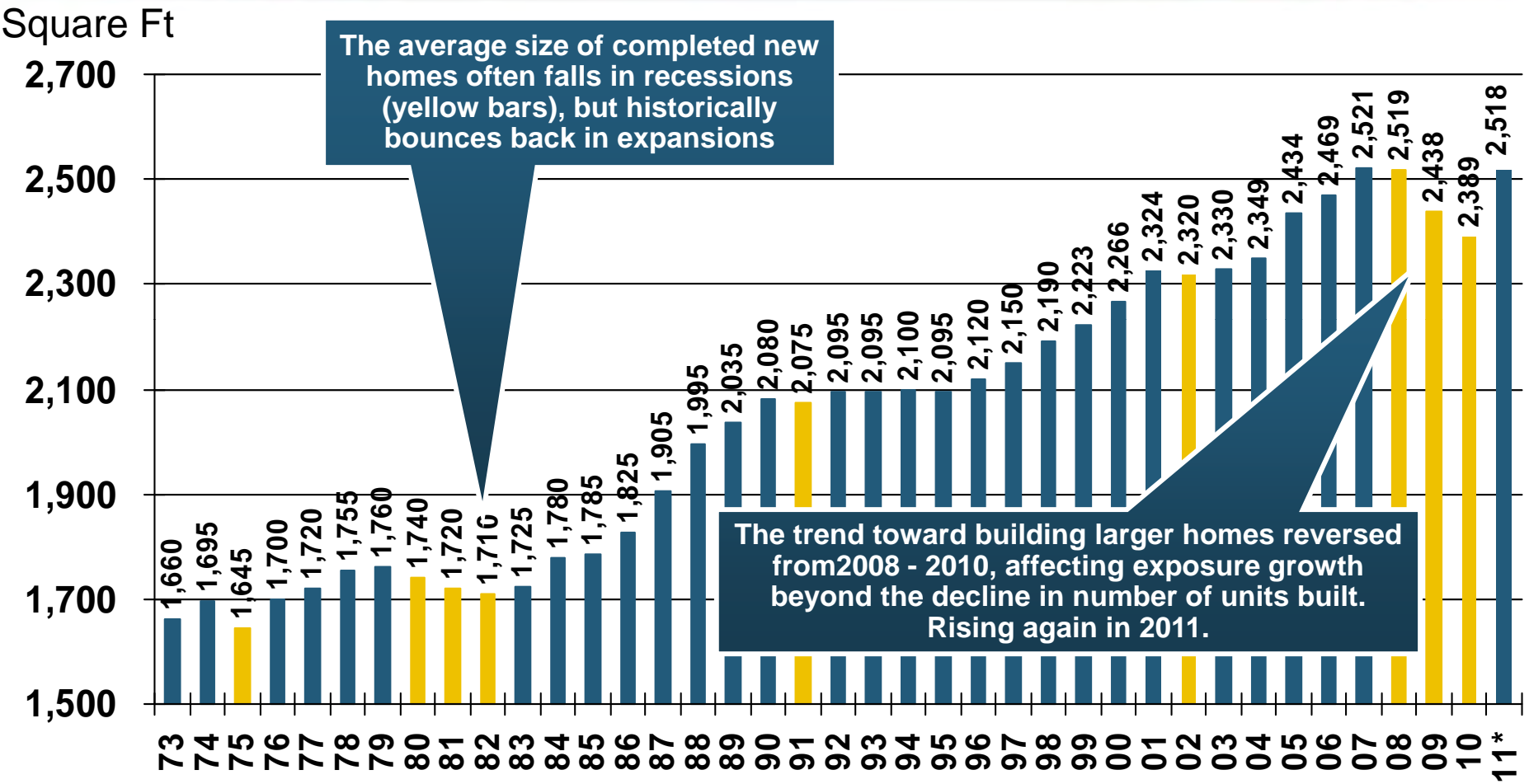
New home starts plunged 72% from 2005-2009; A net annual decline of 1.49 million units, lowest since records began in 1959

Job growth, improved credit market conditions and demographics will eventually boost home construction

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



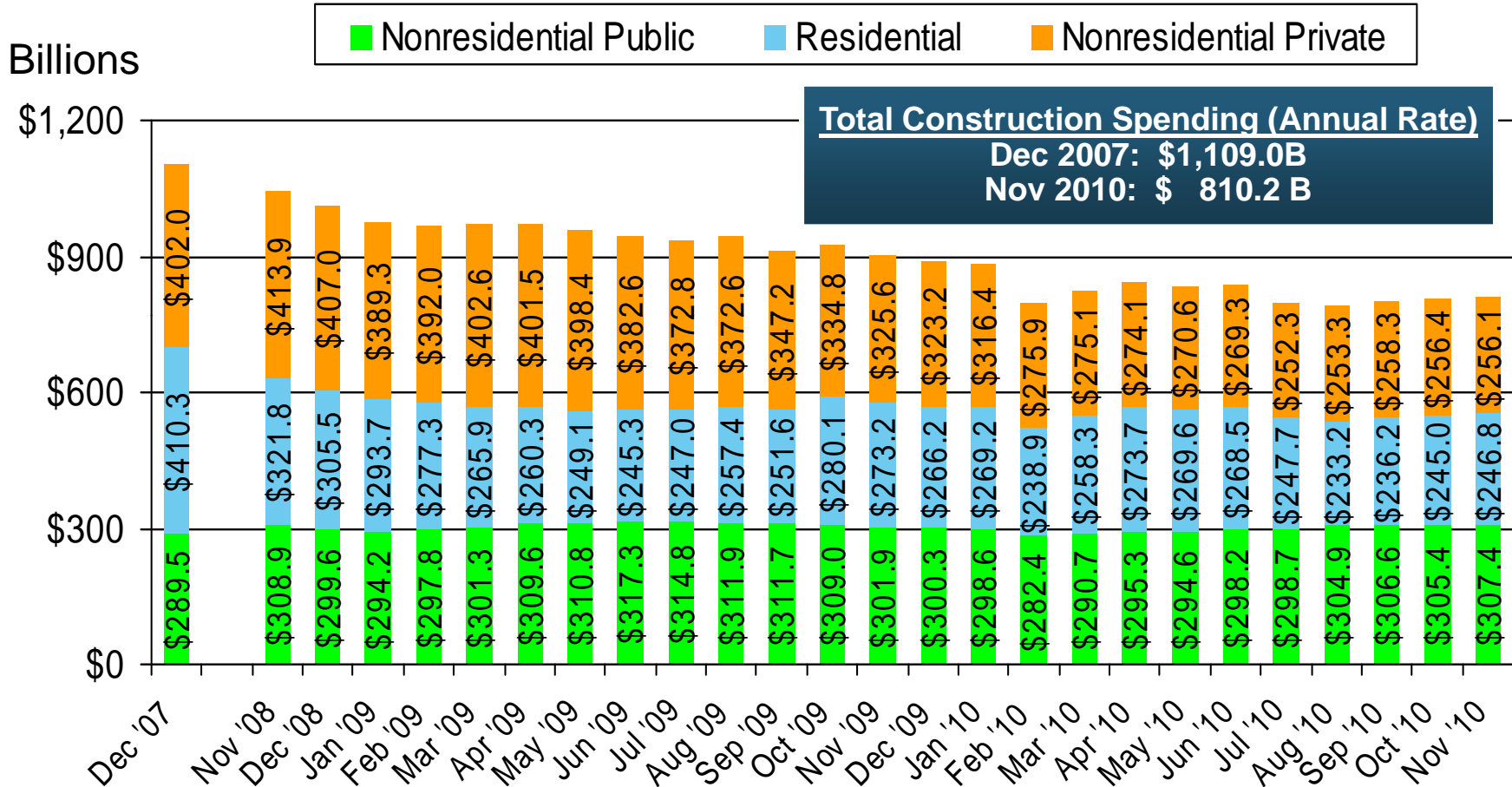
# Average Square Footage of Completed New Homes in U.S., 1973-2011\*



**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: [http://www.census.gov/const/www/quarterly\\_starts\\_completions.pdf](http://www.census.gov/const/www/quarterly_starts_completions.pdf); Insurance Information Institute.

# Value\* of Construction Put In Place



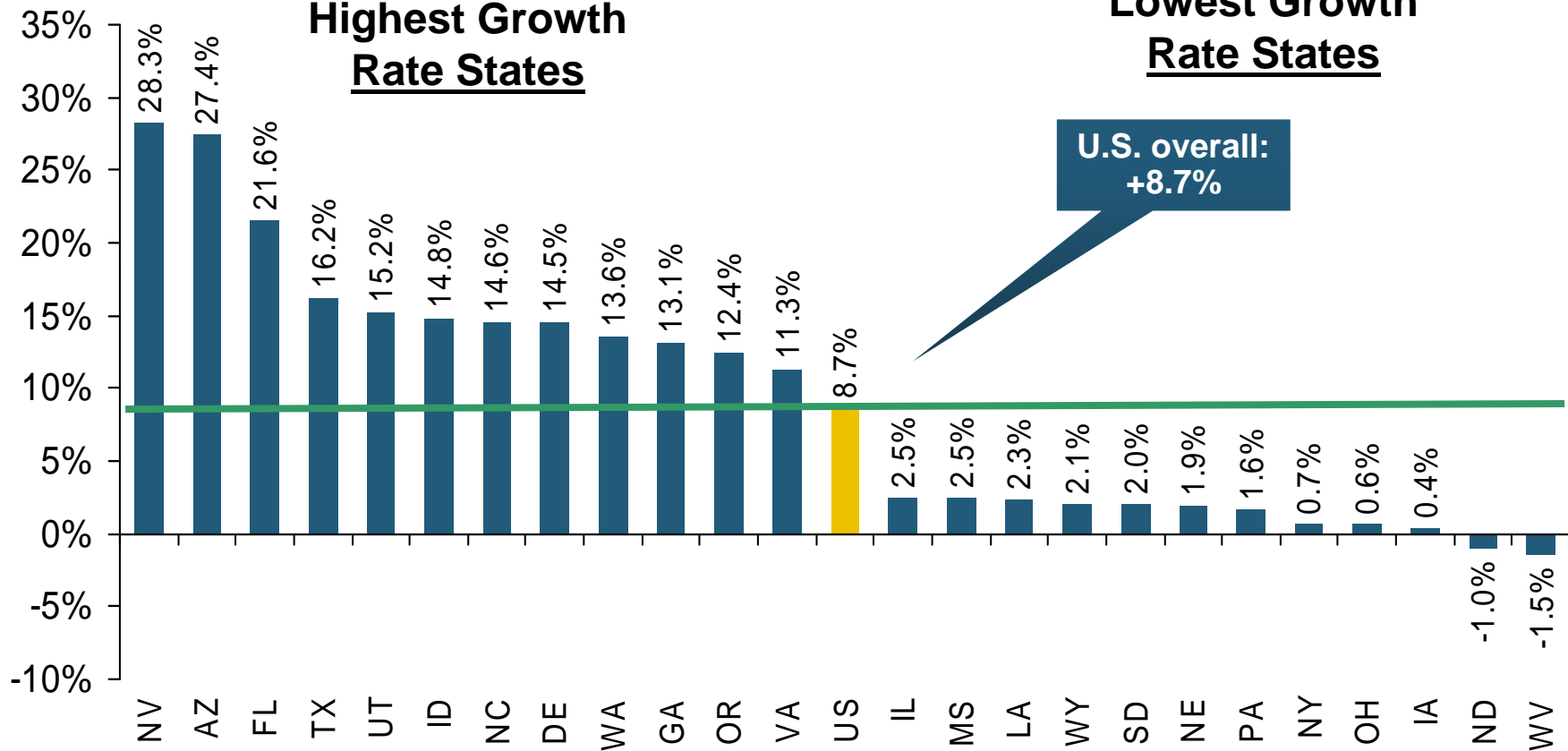
Since the recession started, private residential and nonresidential construction together are down \$300 billion (annual rate) – a drop of 38%. This affects property, surety, and other construction-related exposures.

\*seasonally adjusted annual rate

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

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

Projected Population Growth



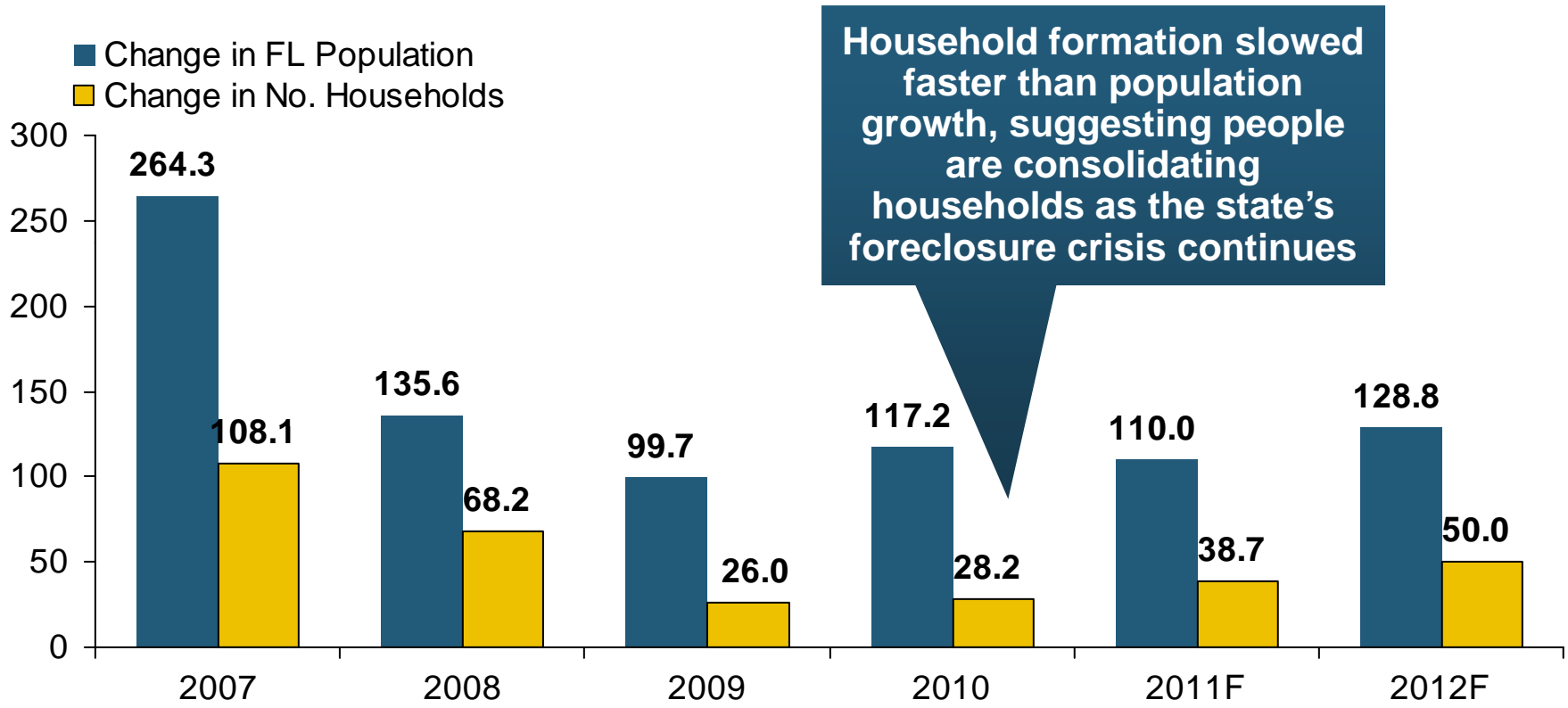
The Mountain West region is projected to grow the most from now to 2020 (up 17.6%), followed by the South Atlantic (up 14.5%) and Pacific (up 11.2%). The Mid-Atlantic is projected to be the slowest-growing region (up 1.9%).

\*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



Thousands

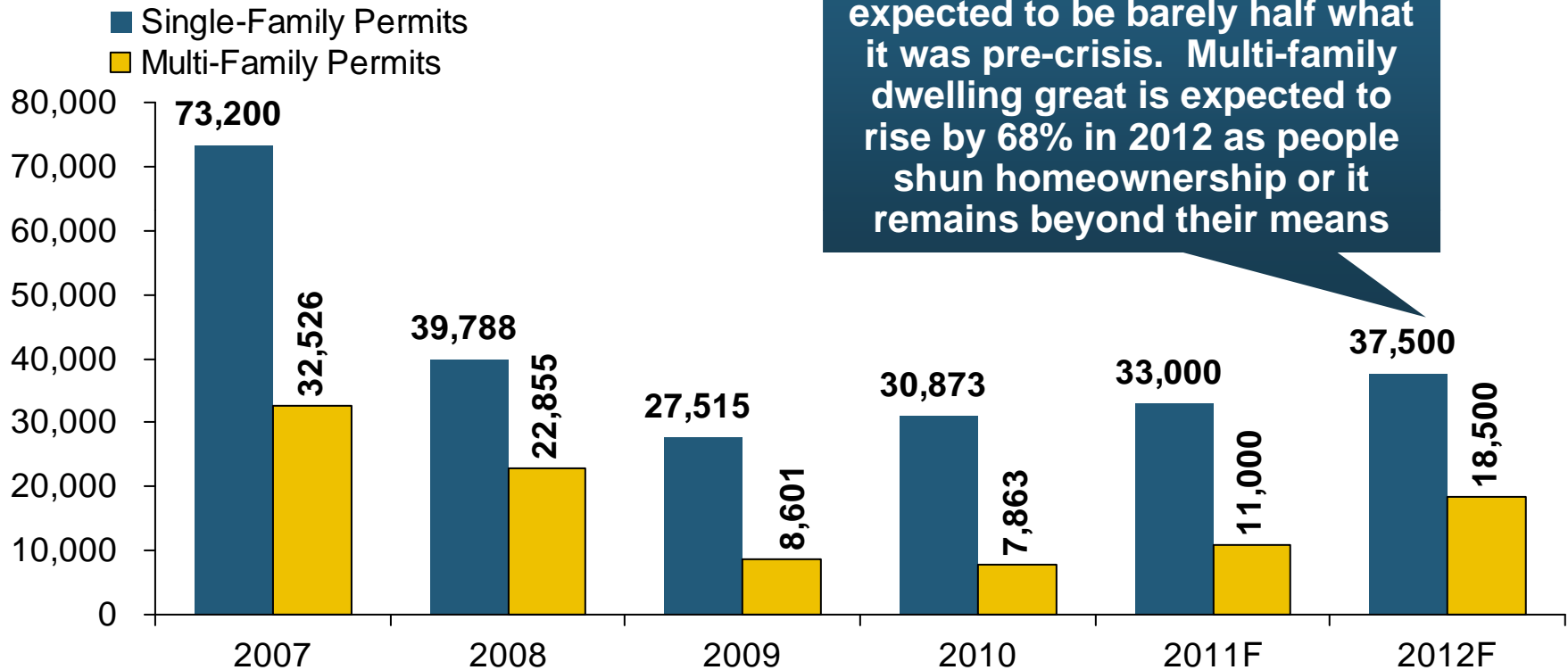


**FL's Construction Sector, One of Most Critical of FL's Growth Engines, Remains in a Deep Recession**

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

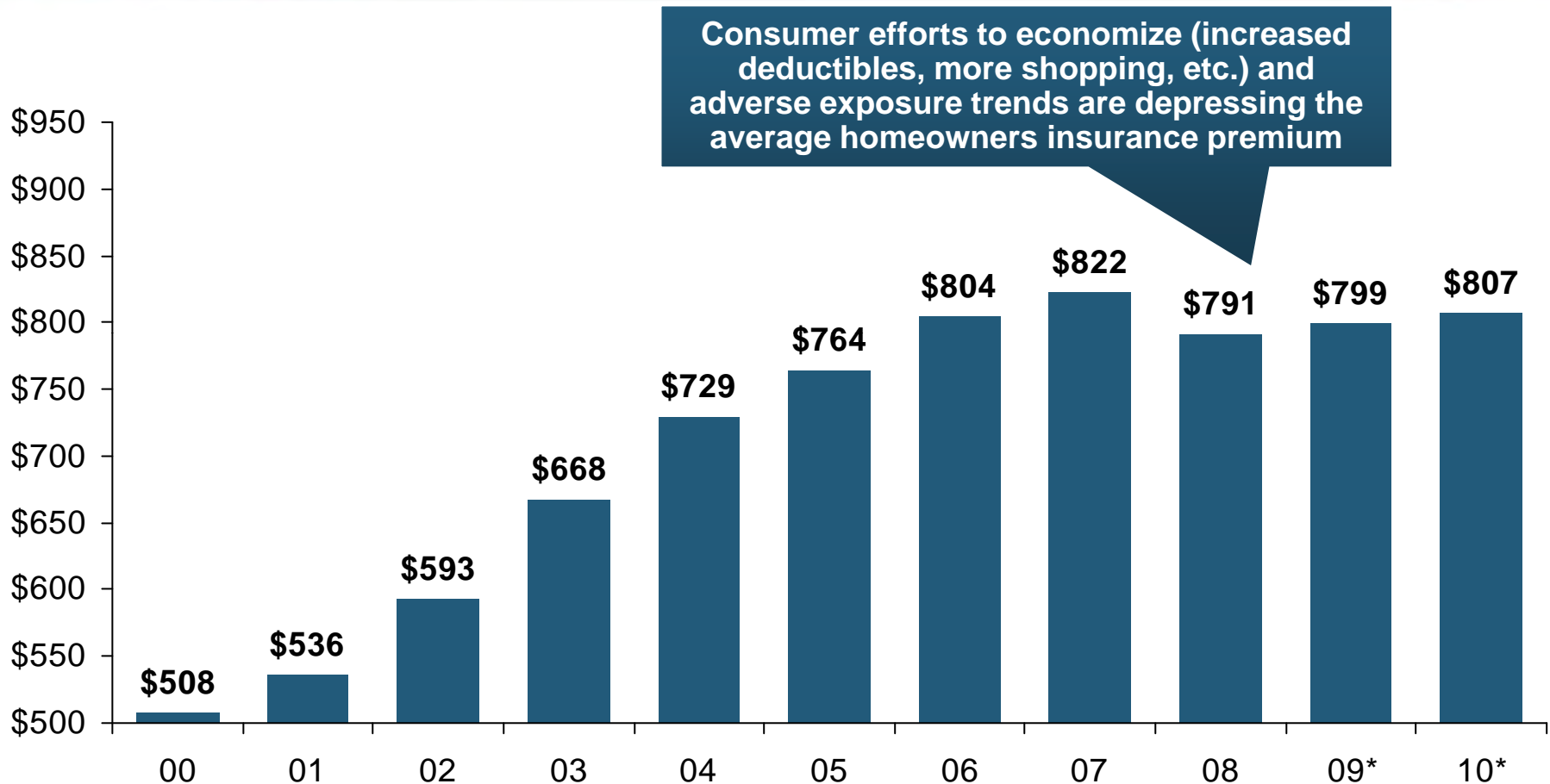
# FL Housing Permits: Multi-Family Unit Growth Poised to Soar, Single-Family Weak

Annual Change, 2007 through 2012F



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

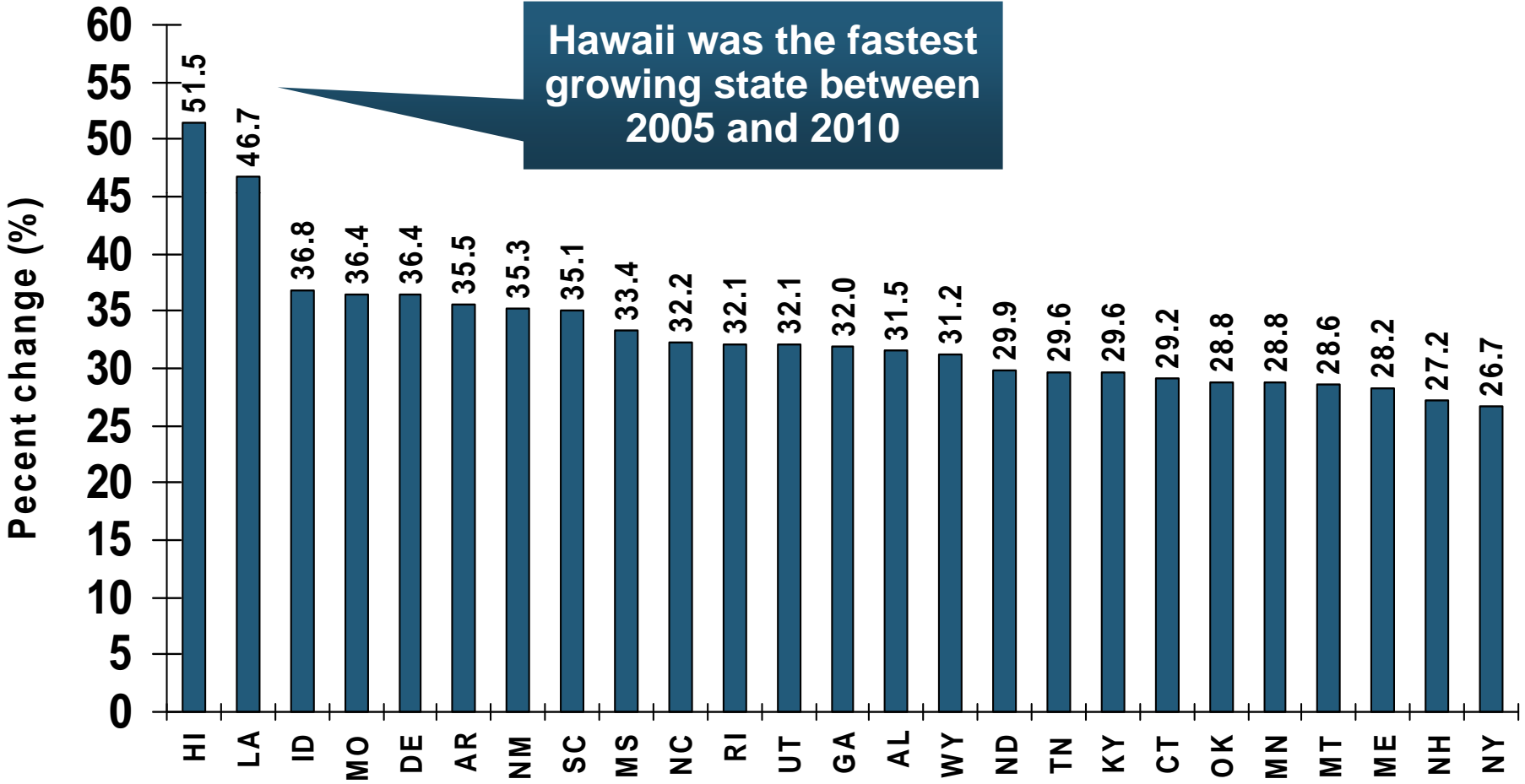
# Average Premium for Home Insurance Policies\*\*



\* Insurance Information Institute Estimates/Forecasts \*\*Excludes state-run insurers.  
Source: NAIC, Insurance Information Institute estimates 2009-2010 based on CPI and other data.

# Percent Change in DPW: Homeowners, by State, 2005-2010

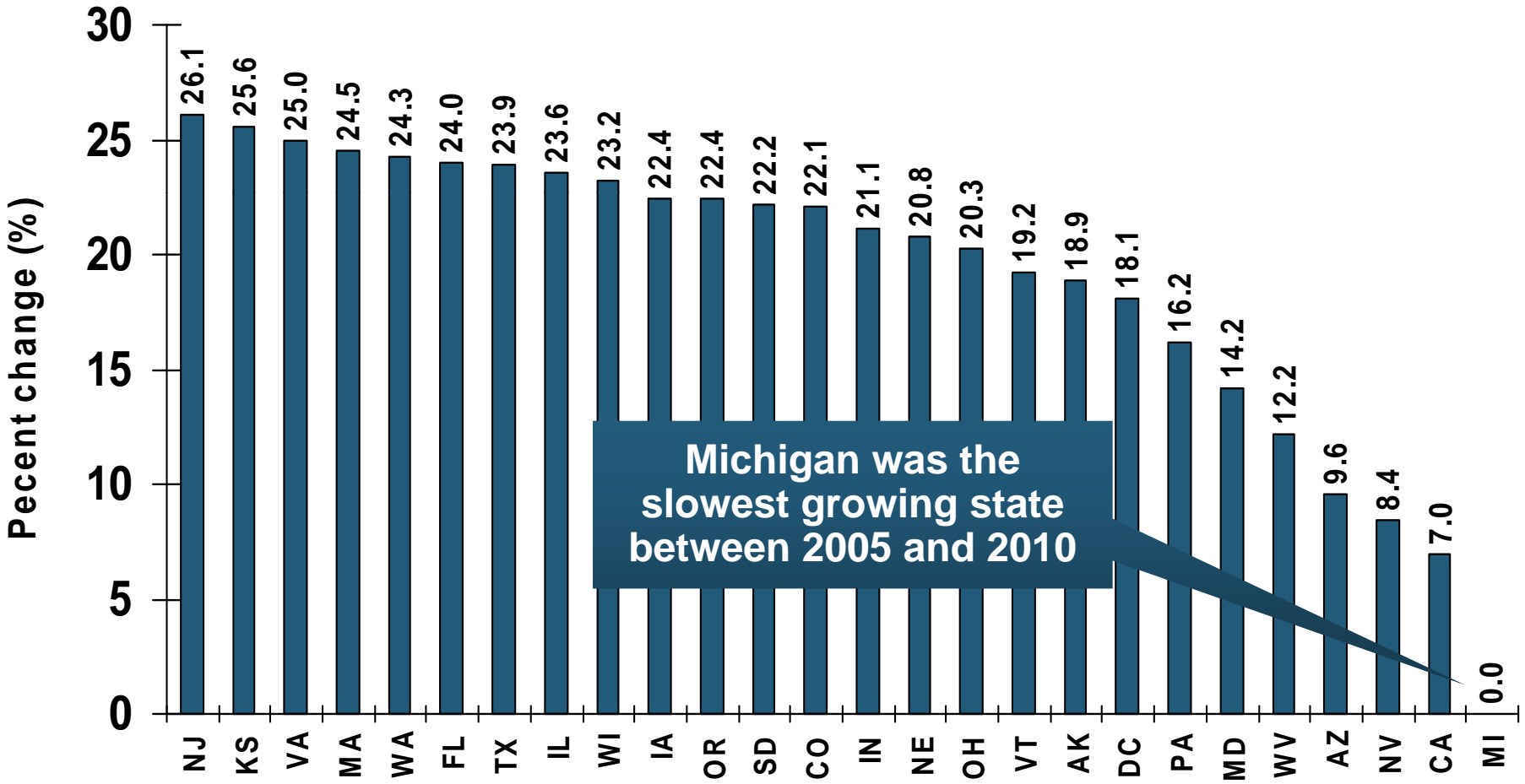
## Top 25 States



Sources: SNL Financial LC.; Insurance Information Institute.

# Percent Change in DPW: Homeowners, by State, 2005-2010

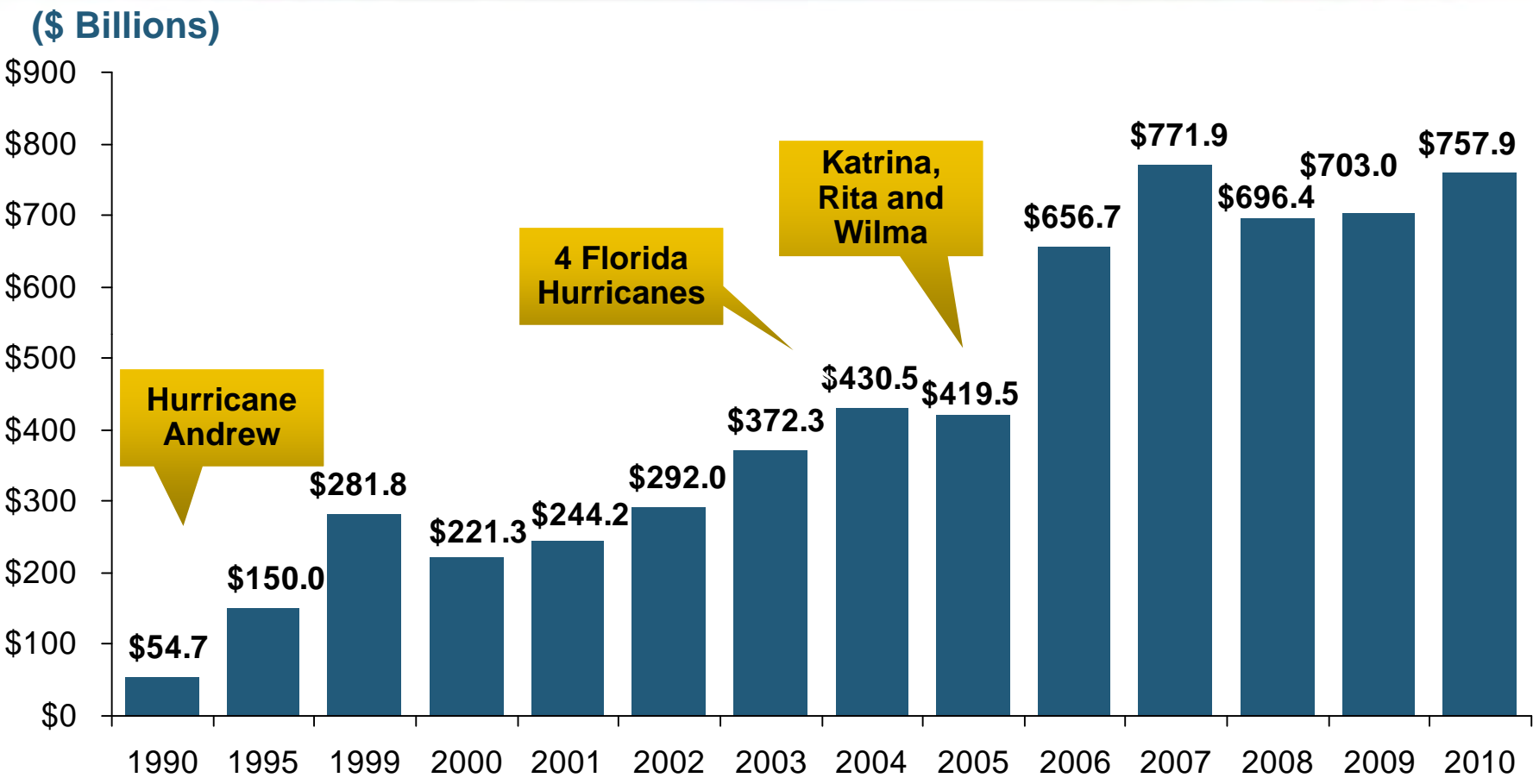
## Bottom 25 States



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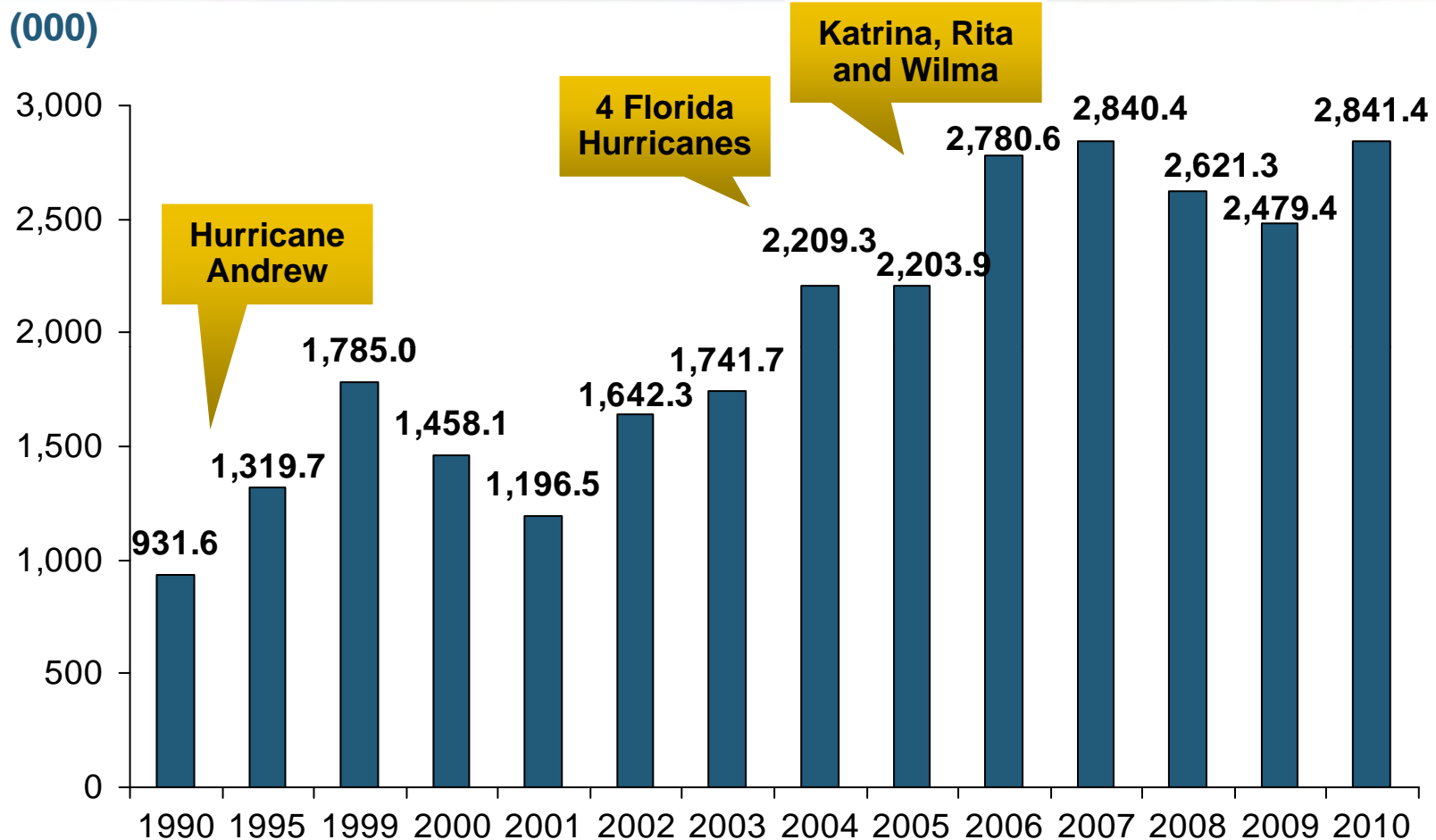
# U.S. Residual Market Exposure to Loss (\$ Billions)



**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.**

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

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

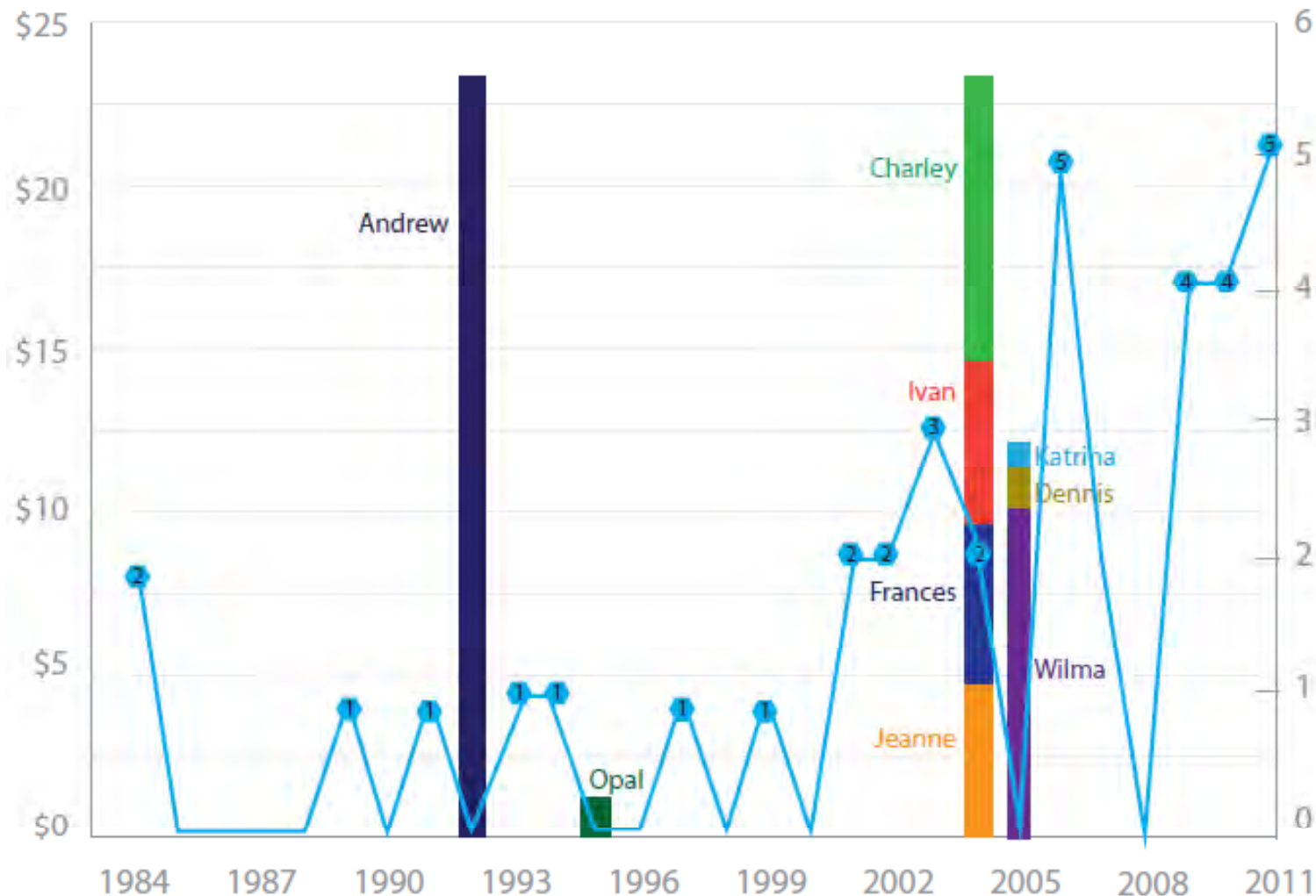


**In the 21-year period between 1990 and 2010, the total number of policies in-force in the residual market (FAIR & Beach/Windstorm) Plans has more than tripled.**

# Hurricanes, Insolvencies and Insured Losses, 1984-2011

Insured Loss (\$ Bill, 2009 Dollars)

No. of Insolvent Insurers



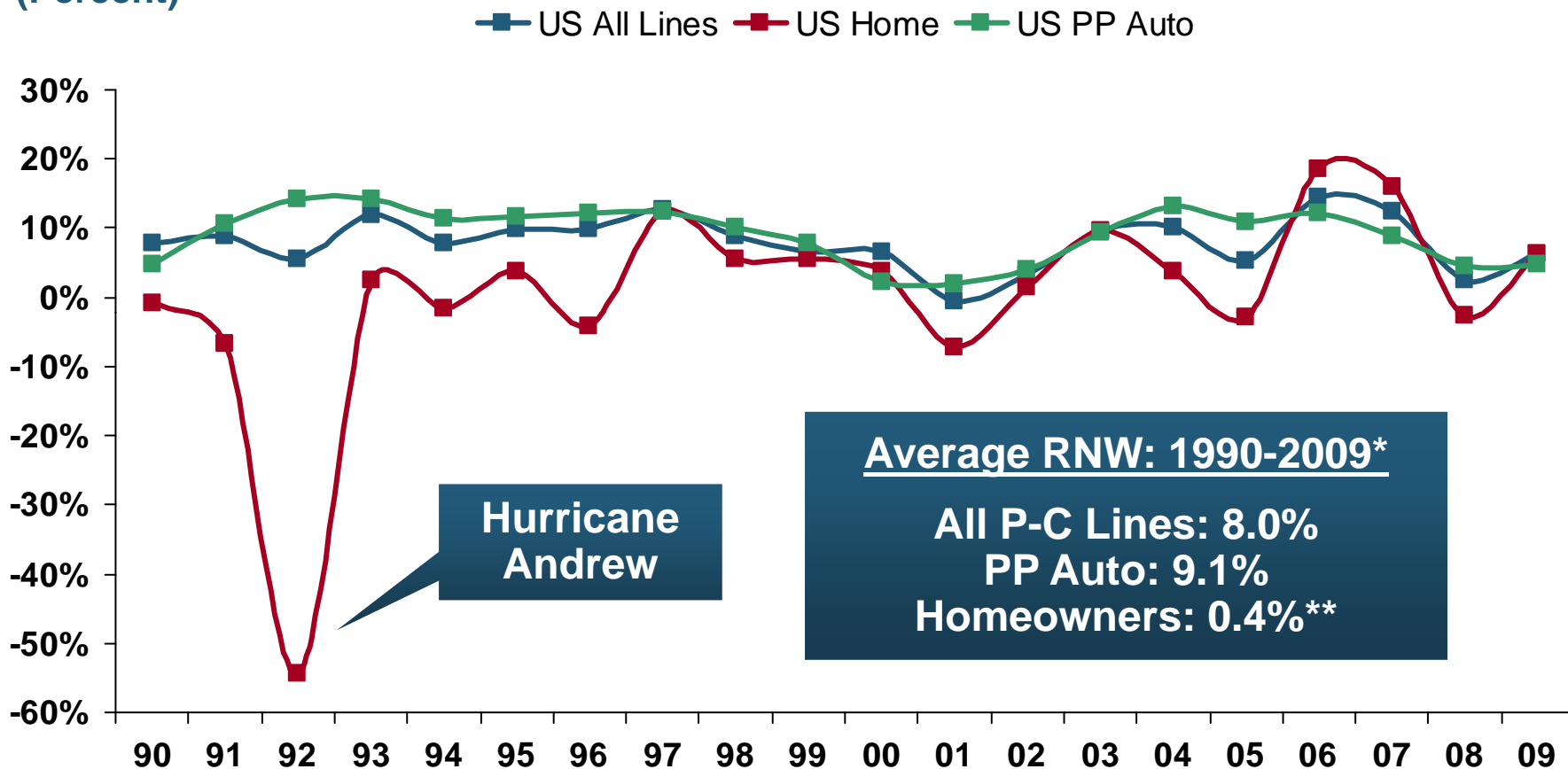
Sources: Florida TaxWatch, *Risk & Reform: A Florida TaxWatch Analysis of Florida's Property Insurance System*, November 2011, citing the Insurance Information Institute and the Florida Hurricane Fact File.

# **Personal Lines Profitability Analysis**

**Significant Variability Over  
Time and Across States**

# Return on Net Worth: All P-C Lines vs. Homeowners & Pvt. Pass. Auto, 1990-2009\*

(Percent)



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

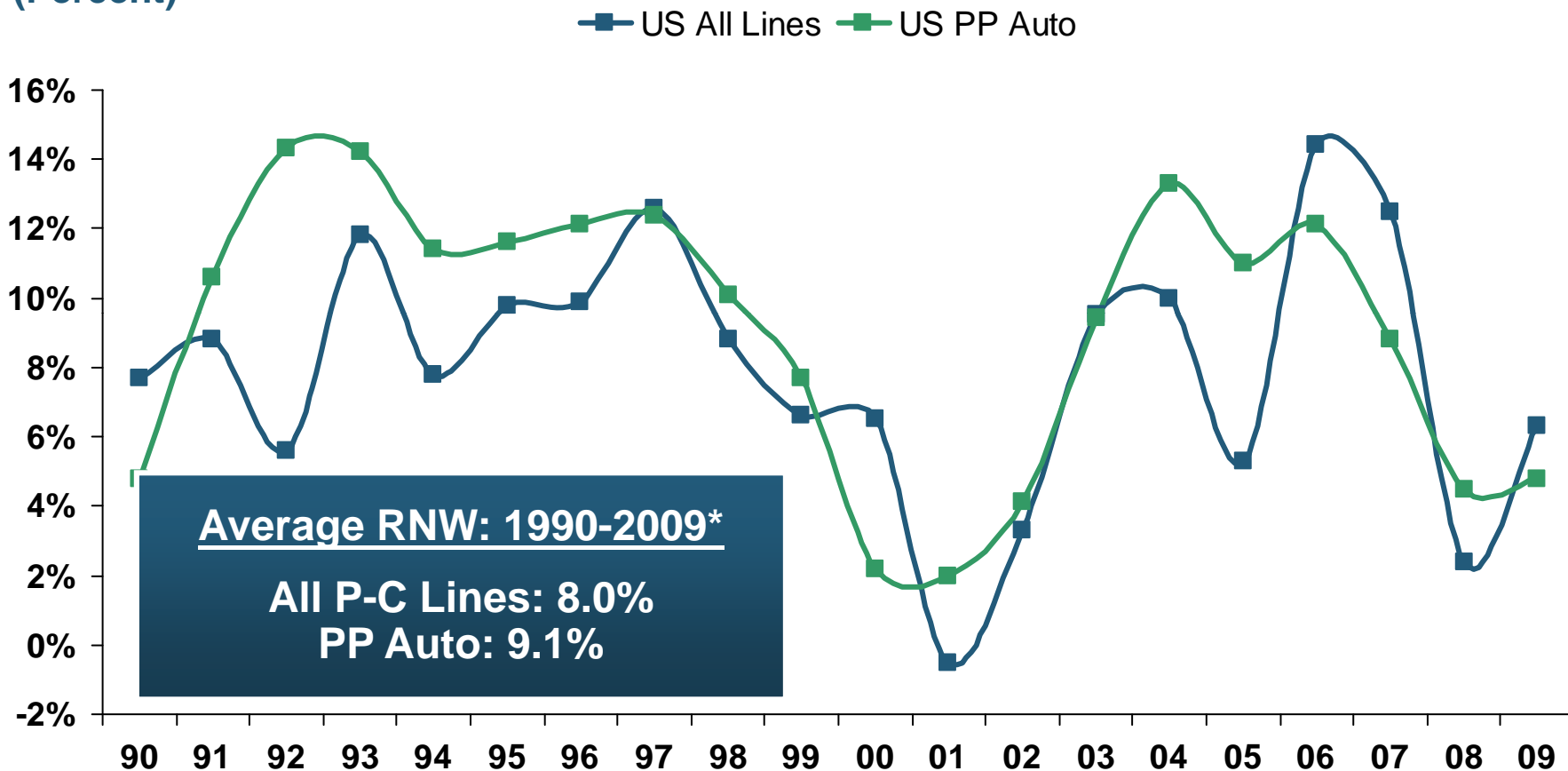
\*Latest available.

\*\*Excluding 1992, the Hurricane Andrew, produces a homeowners RNW of 3.3%.

Sources: NAIC.

# Return on Net Worth: All P-C Lines vs. Pvt. Pass. Auto, 1990-2009\*

(Percent)



**Pvt.Pass. Auto Profitability Has Exceeded the P-C Industry as a Whole in 13 of the 20 Years from 1990-2009 (Inclusive)**

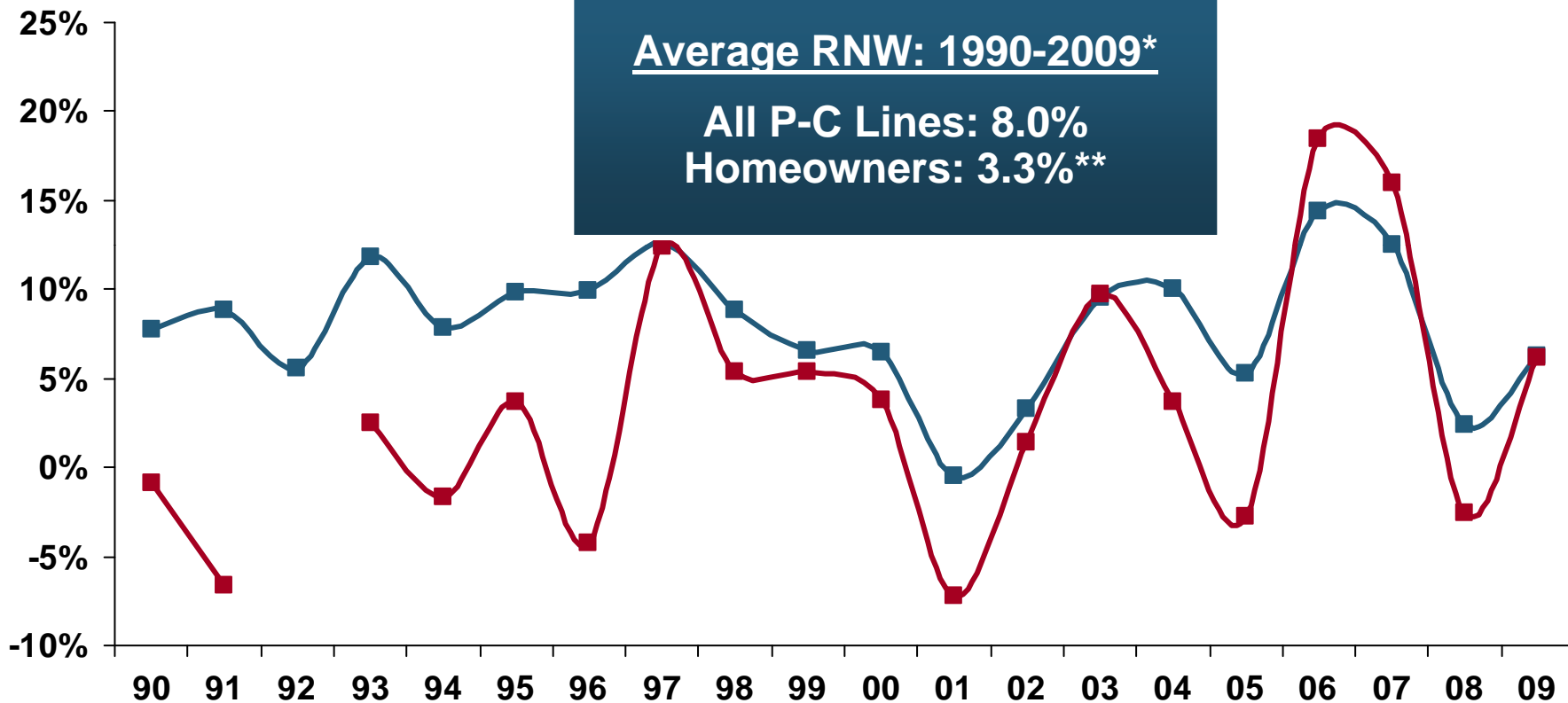
\*Latest available.  
Sources: NAIC.

# Return on Net Worth: All P-C Lines vs. Homeowners & Pvt. Pass. Auto, 1990-2009\*

(Percent)

—■— US All Lines —■— US Home

Average RNW: 1990-2009\*  
 All P-C Lines: 8.0%  
 Homeowners: 3.3%\*\*



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

\*Latest available.

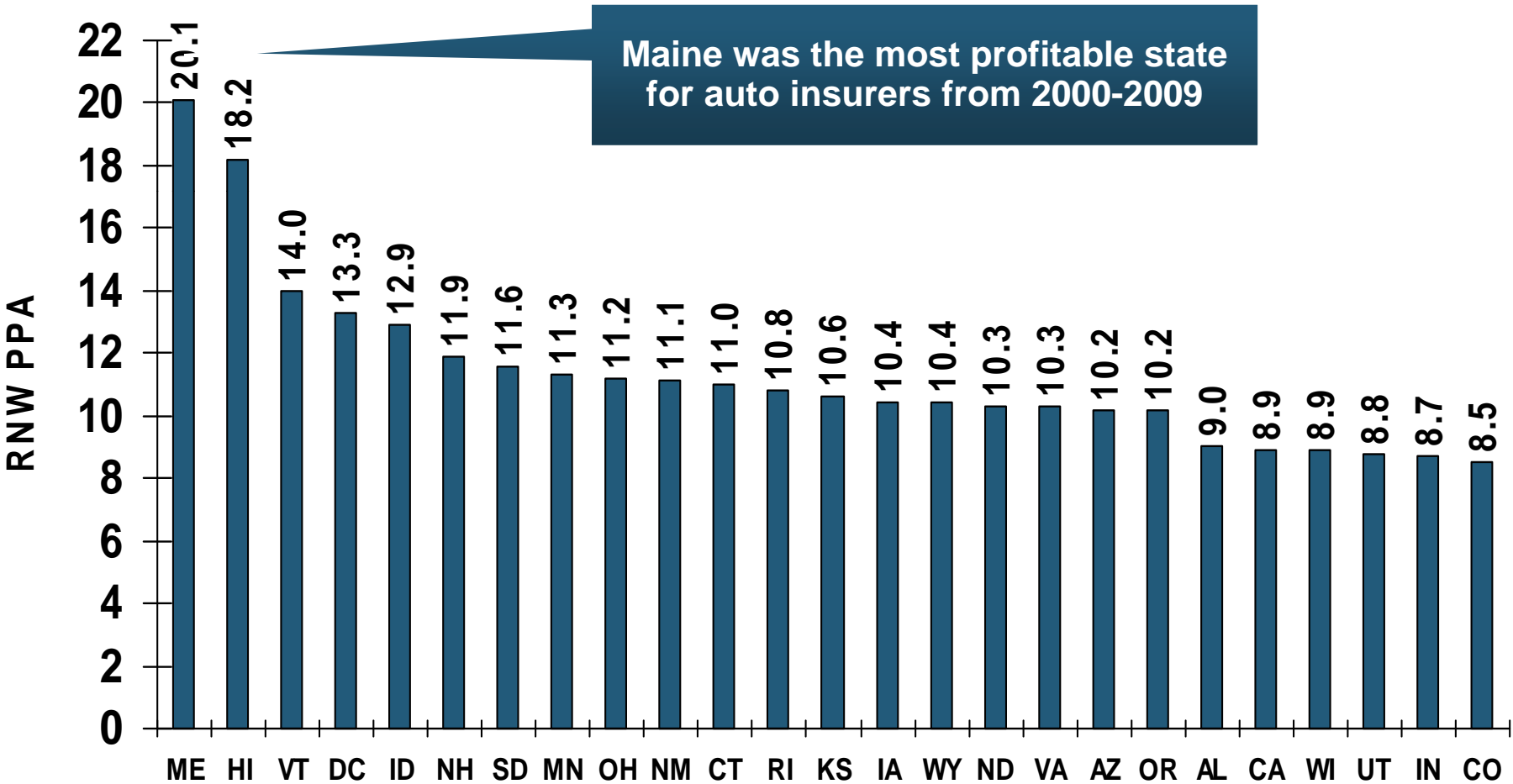
\*\*Excluding Hurricane Andrew (1992); including 1992 produces an average homeowners RNW of 0.4%.

Sources: NAIC.

# Return on Net Worth: Pvt. Passenger Auto, 10-Year Average (2000-2009\*)

## Top 25 States

(Percent)



\*Latest available.

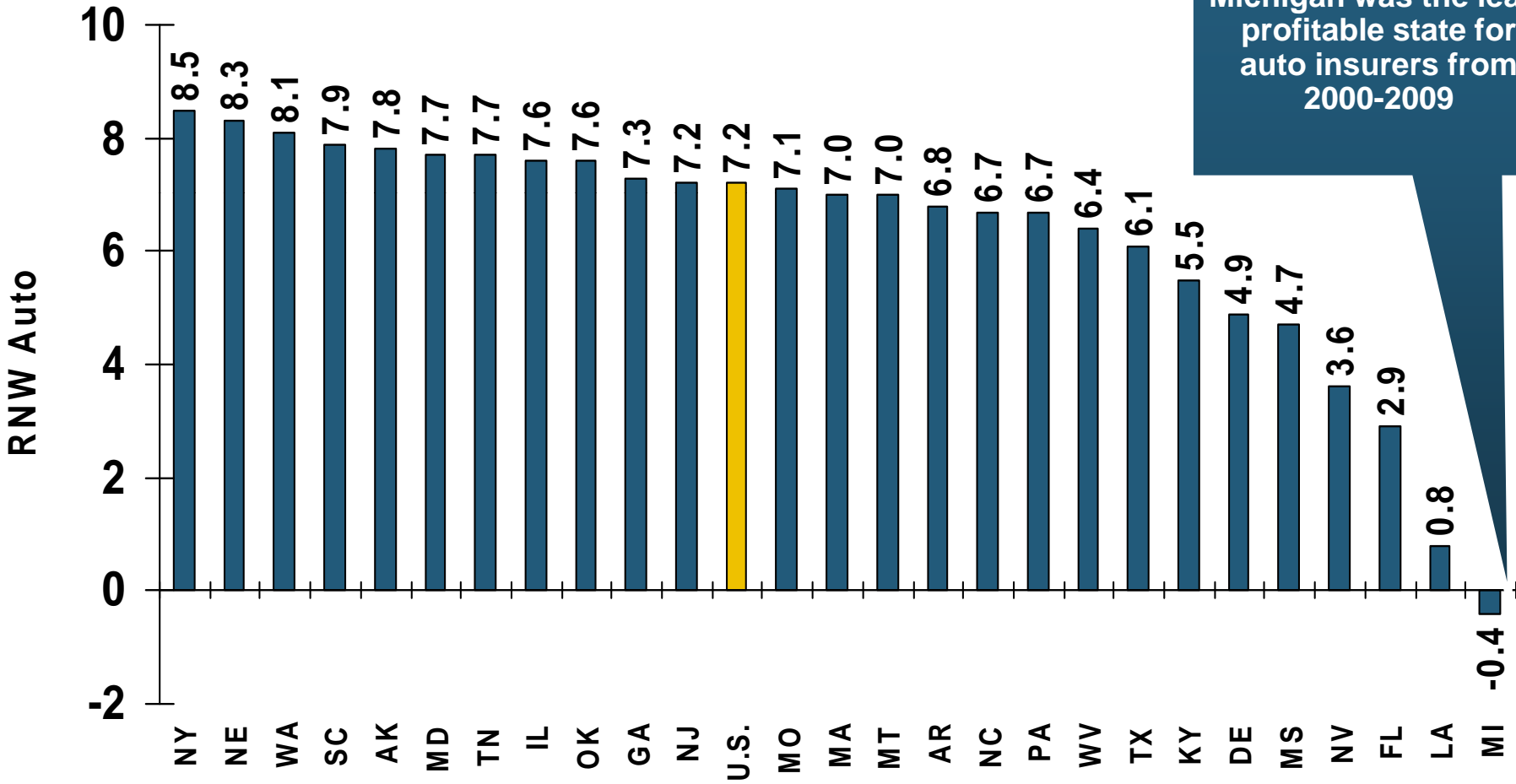
Sources: NAIC.



# Return on Net Worth: Pvt. Passenger Auto, 10-Year Average (2000-2009\*)

(Percent)

## Bottom 25 States



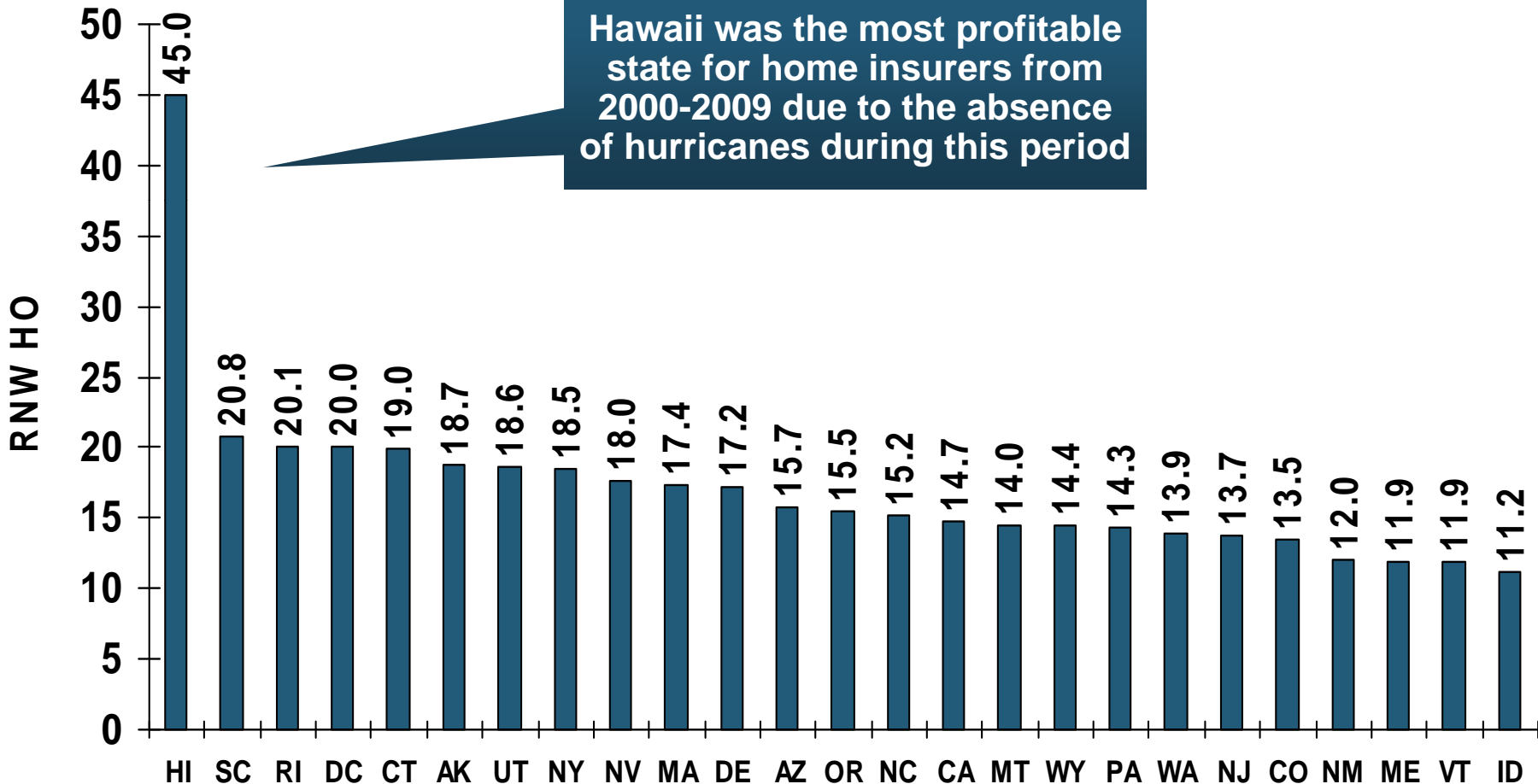
Michigan was the least profitable state for auto insurers from 2000-2009

\*Latest available.  
Sources: NAIC

# Return on Net Worth: Homeowners Insurance, 10-Year Average (2000-2009\*)

## Top 25 States

(Percent)



Hawaii was the most profitable state for home insurers from 2000-2009 due to the absence of hurricanes during this period

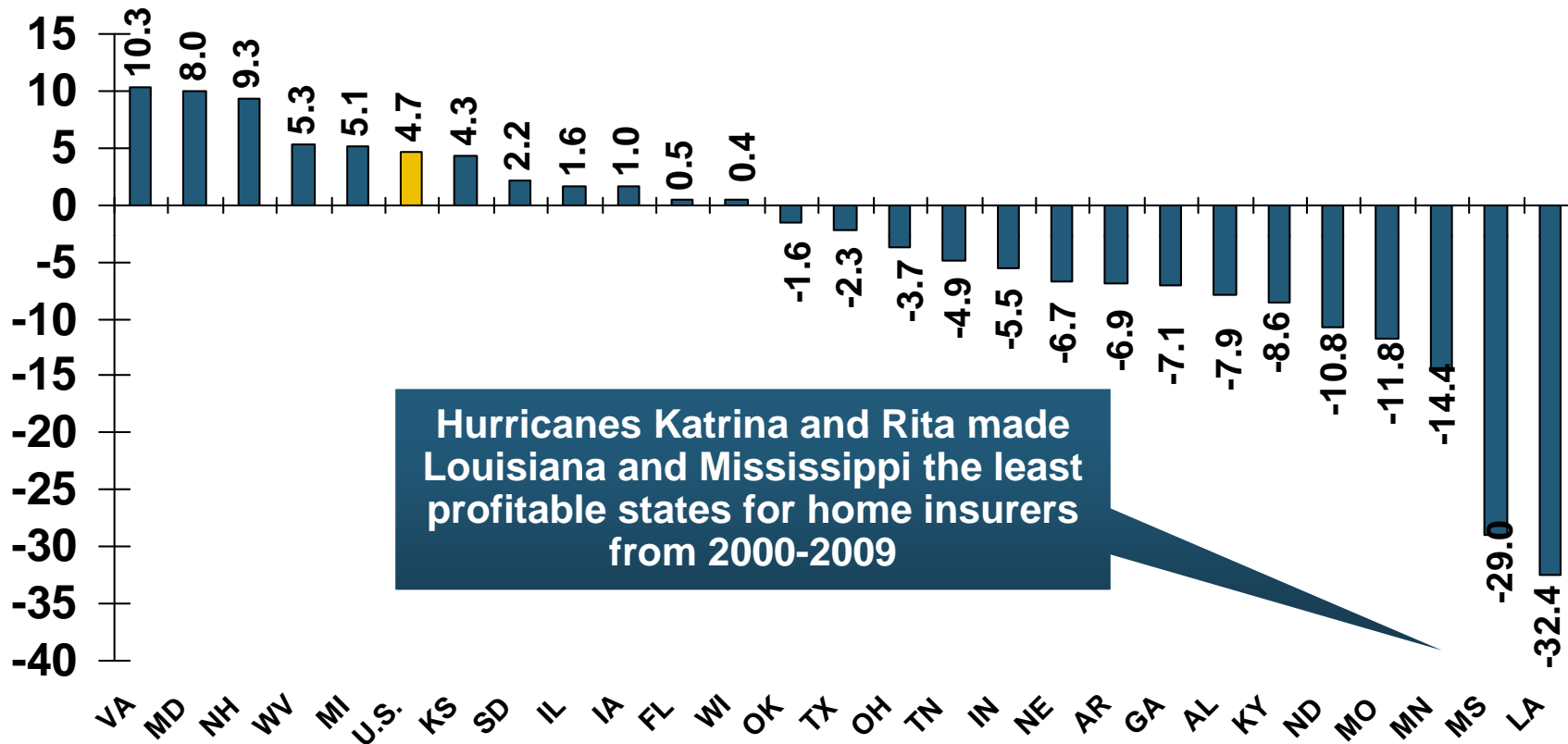
\*Latest available.

Sources: NAIC.

# Return on Net Worth: Homeowners Insurance, 10-Year Average (2000-2009\*)

## Bottom 25 States

(Percent)



\*Latest available.  
Sources: NAIC

# Global Catastrophe Loss Developments and Trends

**2011 Will Rewrite Catastrophe Loss  
and Insurance History**

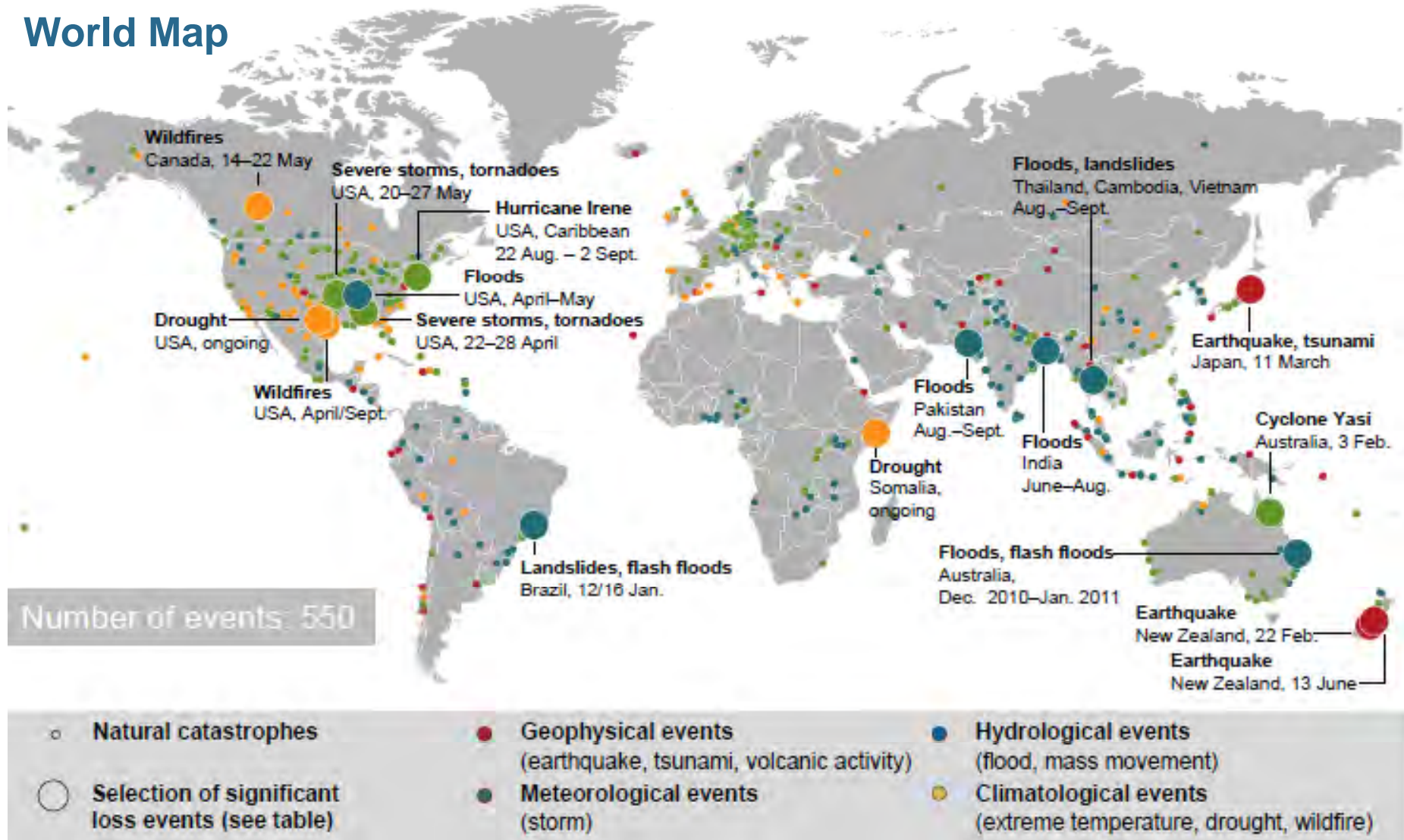
***But Will Losses Turn the Market?***

# Global Catastrophe Loss Summary: First Half 2011

- **2011 Is Already (as of June 30) the *Highest* Loss Year on Record Globally**
  - ◆ Extraordinary accumulation of severe natural catastrophe: Earthquakes, tsunami, floods and tornadoes are the primary causes of loss
- **\$260 Billion in *Economic* Losses Globally**
  - ◆ New record for the first six months, exceeding the previous record of \$220B in 2005
  - ◆ Economy is more resilient than most pundits presume
- **\$55 Billion in *Insured* Losses Globally**
  - ◆ More than double the first half 2010 amount
  - ◆ Over 4 times the 10-year average
- **\$50 Billion in *Economic* Losses in the US (as of Oct. 31)**
  - ◆ More than double through same period in 2010
- **~\$25 Billion in *Insured* Losses in the US Arising from 100+ CAT Events**
  - ◆ Represents close to a tripling through same period in 2010

# Natural Loss Events, January – September 2011

## World Map



# Worldwide Natural Disasters 2011

## Significant Natural Disasters (January – September only)

Period	Loss event	Affected area	Overall losses*	Insured losses*	Fatalities*
			US\$m, original values		
Dec 2010–Jan 2011	Floods, flash floods	Australia (Queensland)	7,300	2,550	29
12/16 Jan.	Landslides, flash floods	Brazil (State of Rio de Janeiro)	**	**	1,350
3 Feb.	Cyclone Yasi	Australia (Queensland)	2,000	1,000	1
22 Feb.	Earthquake	New Zealand (Christchurch)	25,000	13,000	181
11 March	Earthquake, tsunami	Japan (esp. northeastern Honshu)	210,000	~30,000	15,800 (3,800 missing)
22–28 April	Severe storms, tornadoes	USA (esp. AL, Tuscaloosa)	12,000	7,300	350
April–May	Floods	USA (esp. Ohio River, Mississippi River, Missouri River)	2,600	**	9
April/Sept.	Wildfires	USA (TX)	1,500	680	4
14–22 May	Wildfires	Canada (Alberta, Slave Lake)	>1,500	720	1
20–27 May	Severe storms, tornadoes	USA (esp. MO, Joplin)	9,000	5,900	176
13 June	Earthquake	New Zealand (Christchurch)	**	**	1
Aug.–Sept.	Floods, landslides	Thailand, Cambodia, Vietnam	**	**	370
Aug.–Sept.	Floods	Pakistan	**	**	445
22 Aug.–2 Sept.	Hurricane Irene	USA, Caribbean	15,000	7,000	54

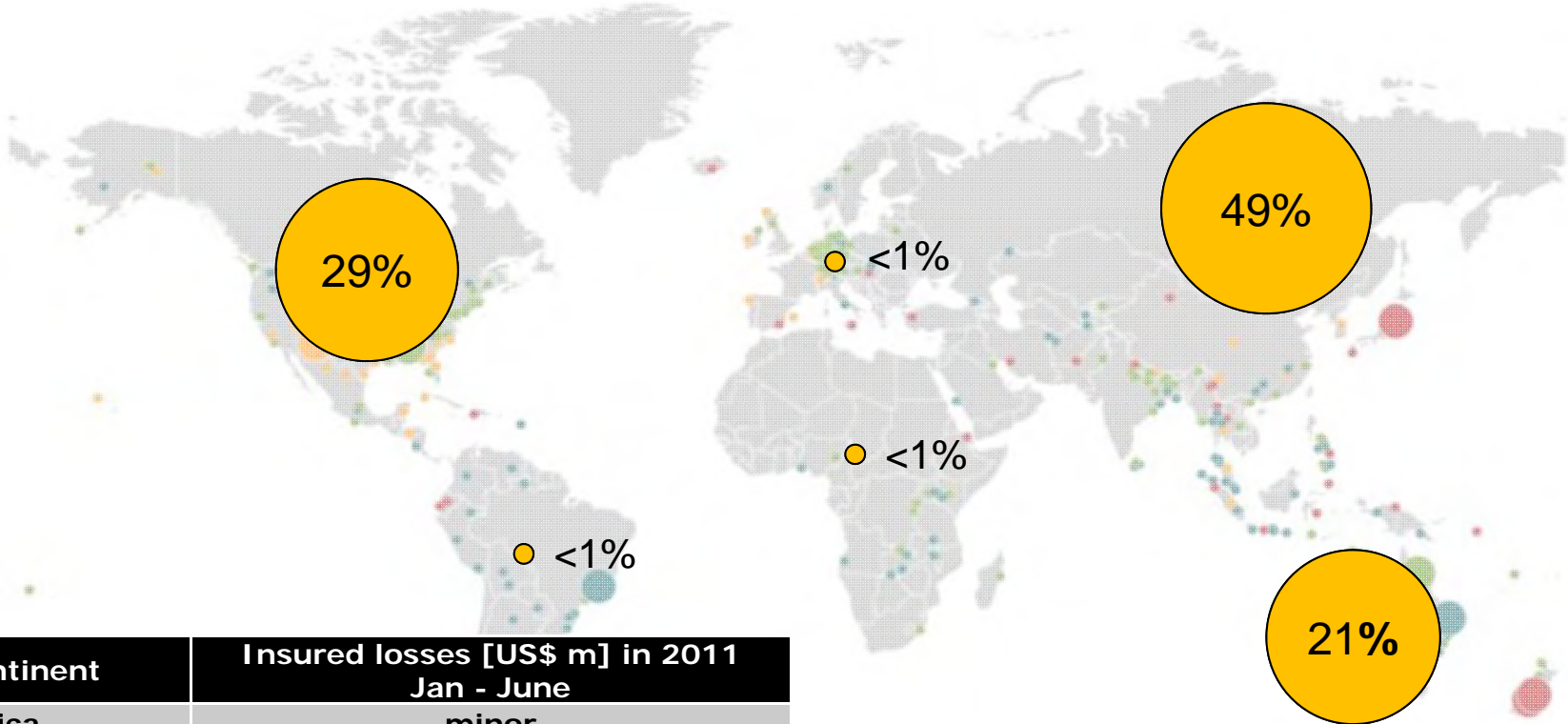
\*As at October 2011

\*\*Loss assessment still in progress

# Worldwide Natural Disasters 2011

% Distribution of Insured Losses Per Continent (January – June only)

**Insured losses 2011 (January – June only): US\$ 60bn**



Continent	Insured losses [US\$ m] in 2011 Jan - June
Africa	minor
America	17,800
Asia	30,080
Australia/Oceania	12,900
Europe	100

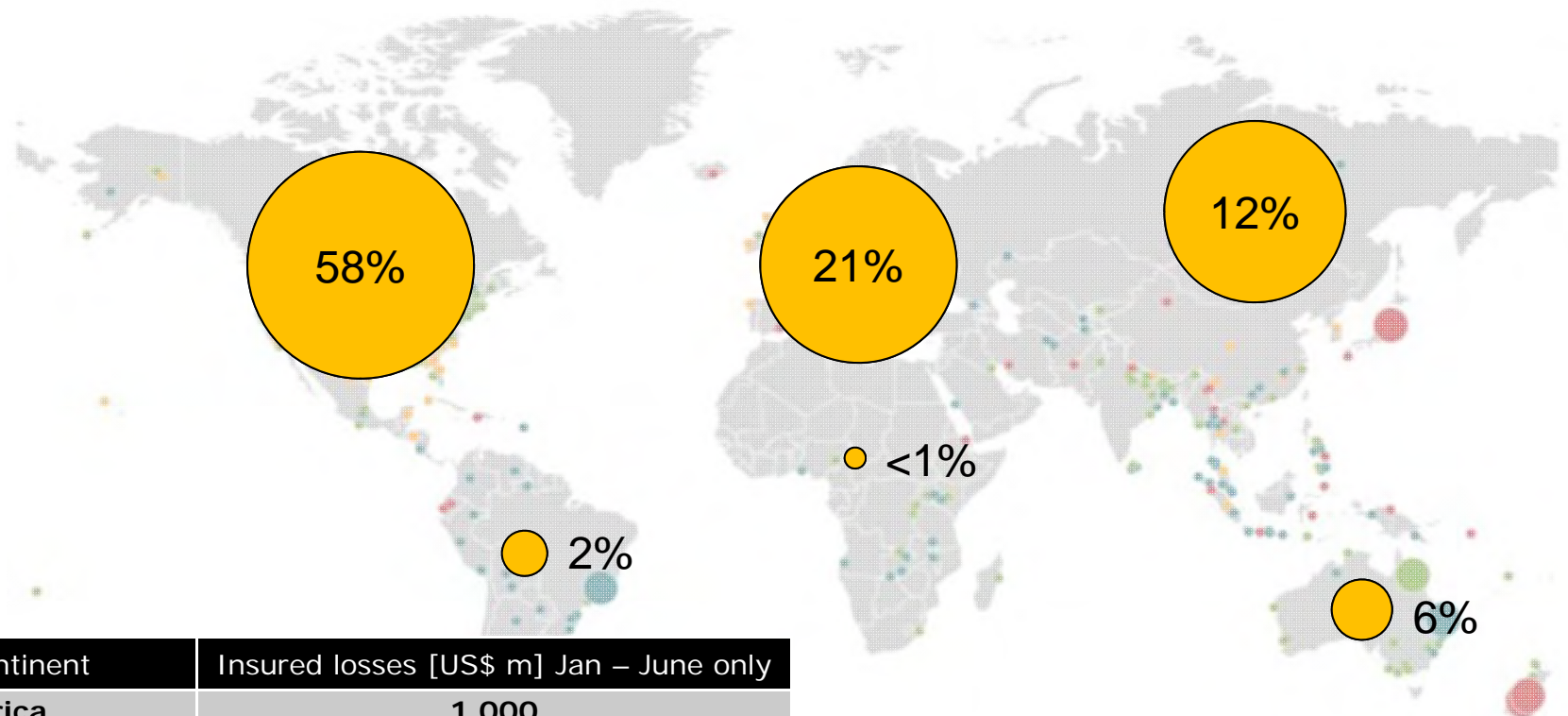
Source: MR NatCatSERVICE



# Worldwide Natural Disasters, 1980-2011

% Distribution of Insured Losses Per Continent (January – June only)

Insured losses 1980 - 2011 (January – June only): US\$ 389bn



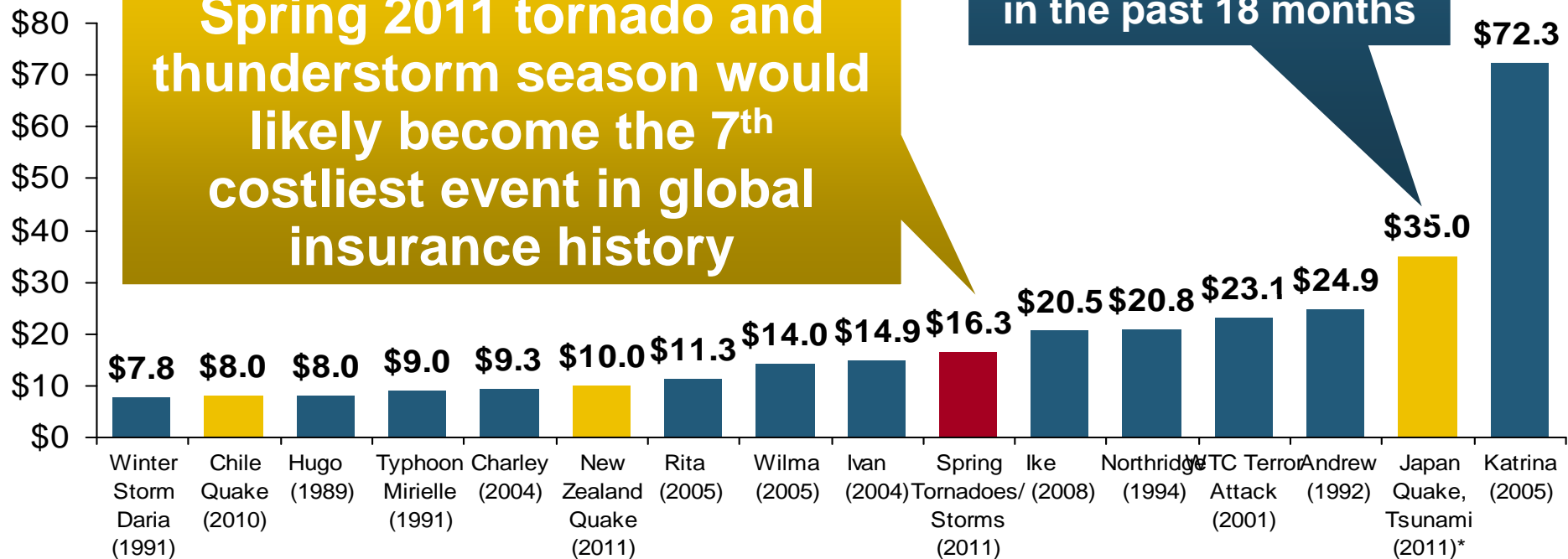
Continent	Insured losses [US\$ m] Jan – June only
Africa	1,000
America	237,200
Asia	45,100
Australia/Oceania	25,100
Europe	80,900

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

(Insured Losses, 2010 Dollars, \$ Billions)

Taken as a single event, the Spring 2011 tornado and thunderstorm season would likely become the 7<sup>th</sup> costliest event in global insurance history

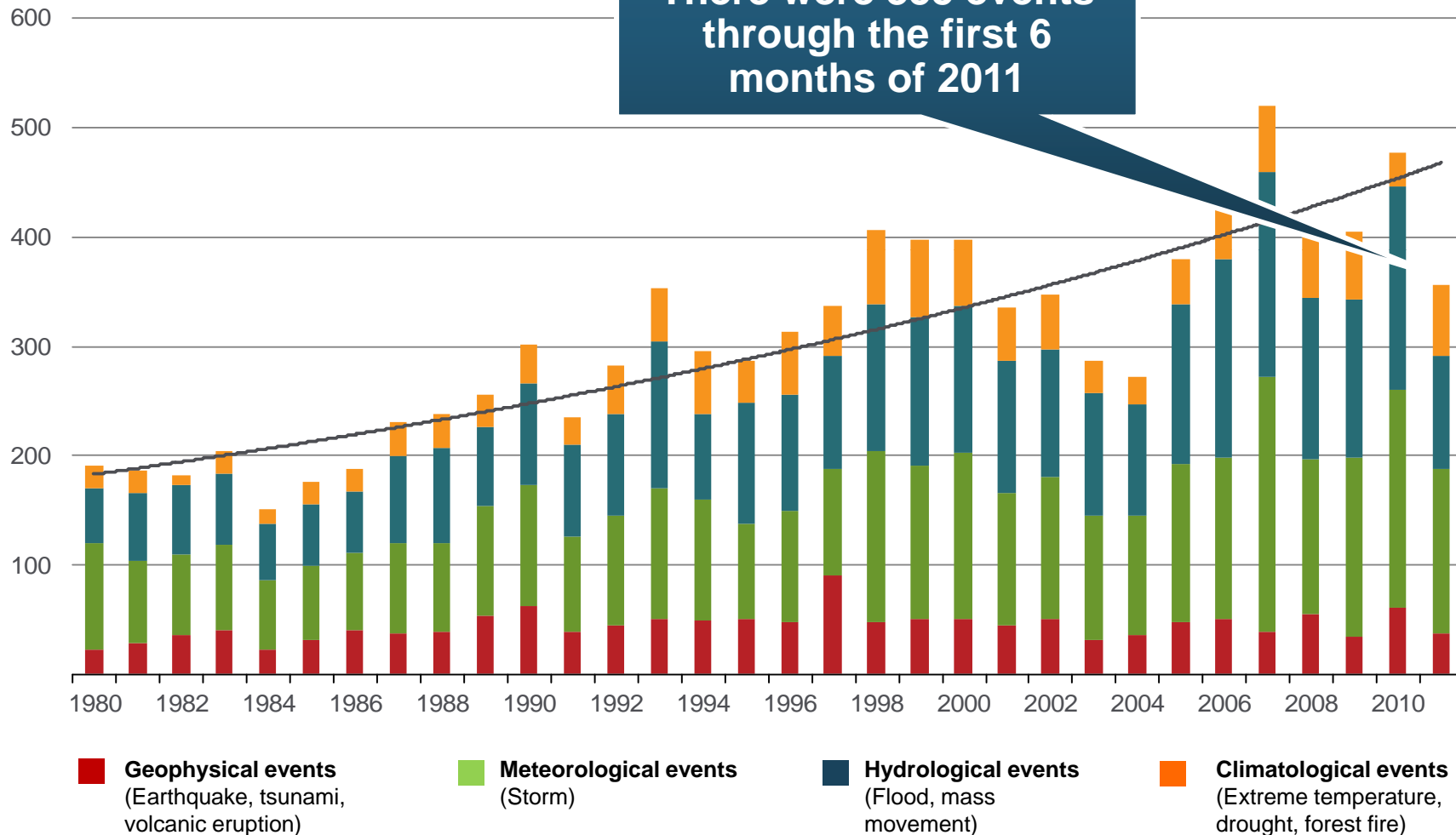
3 of the top 15 most expensive catastrophes in world history have occurred in the past 18 months



\*Through June 20, 2011. 2011 disaster figures are estimates; Figures include federally insured flood losses, where applicable. Sources: Swiss Re *sigma* 1/2011; AIR Worldwide, RMS, Eqecat; Insurance Information Institute.

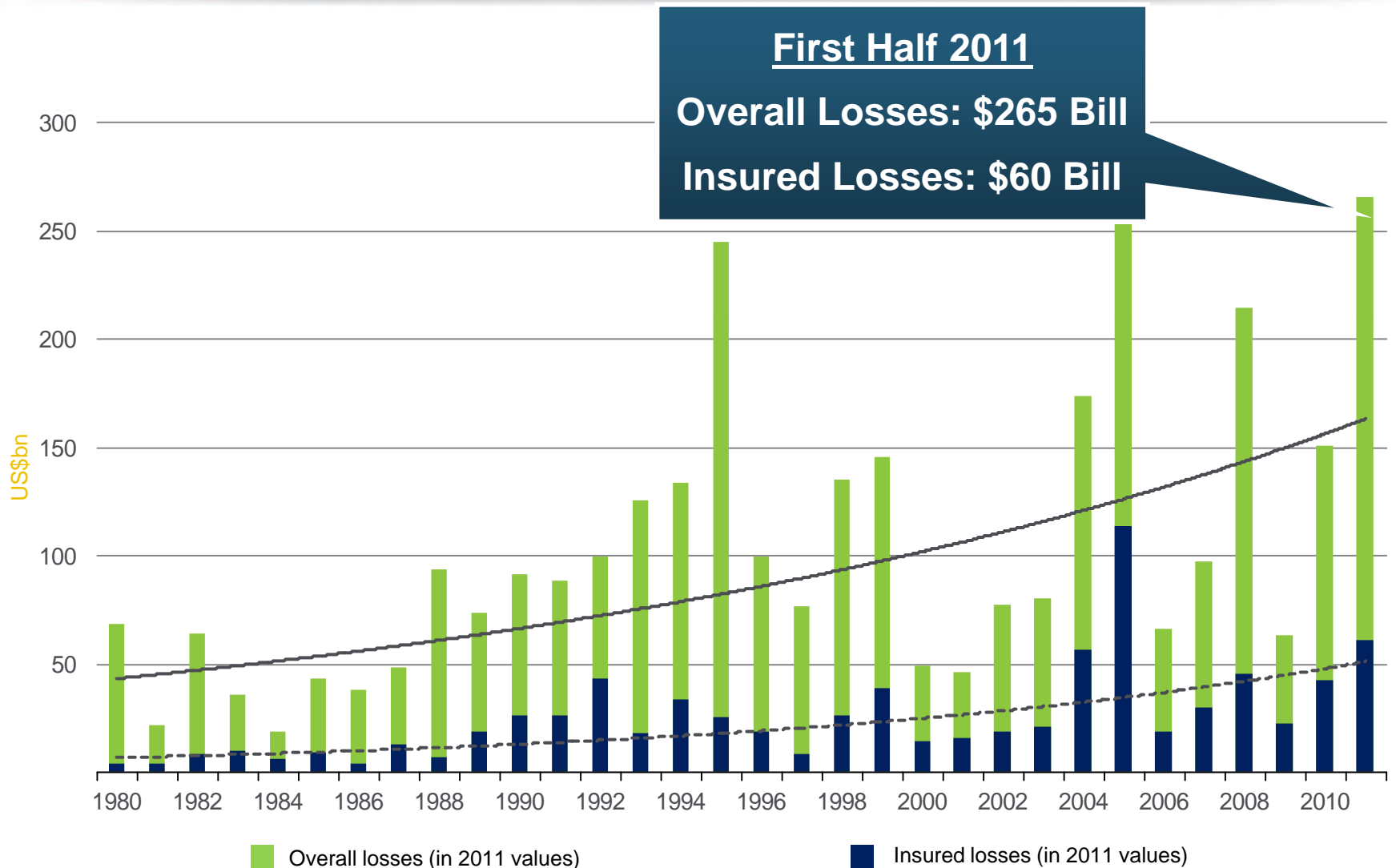
# Worldwide Natural Disasters, 1980 – 2011\*

## Number of Events



\*2011 figure is through June 30.  
Source: MR NatCatSERVICE

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



\*2011 figure is through June 30.

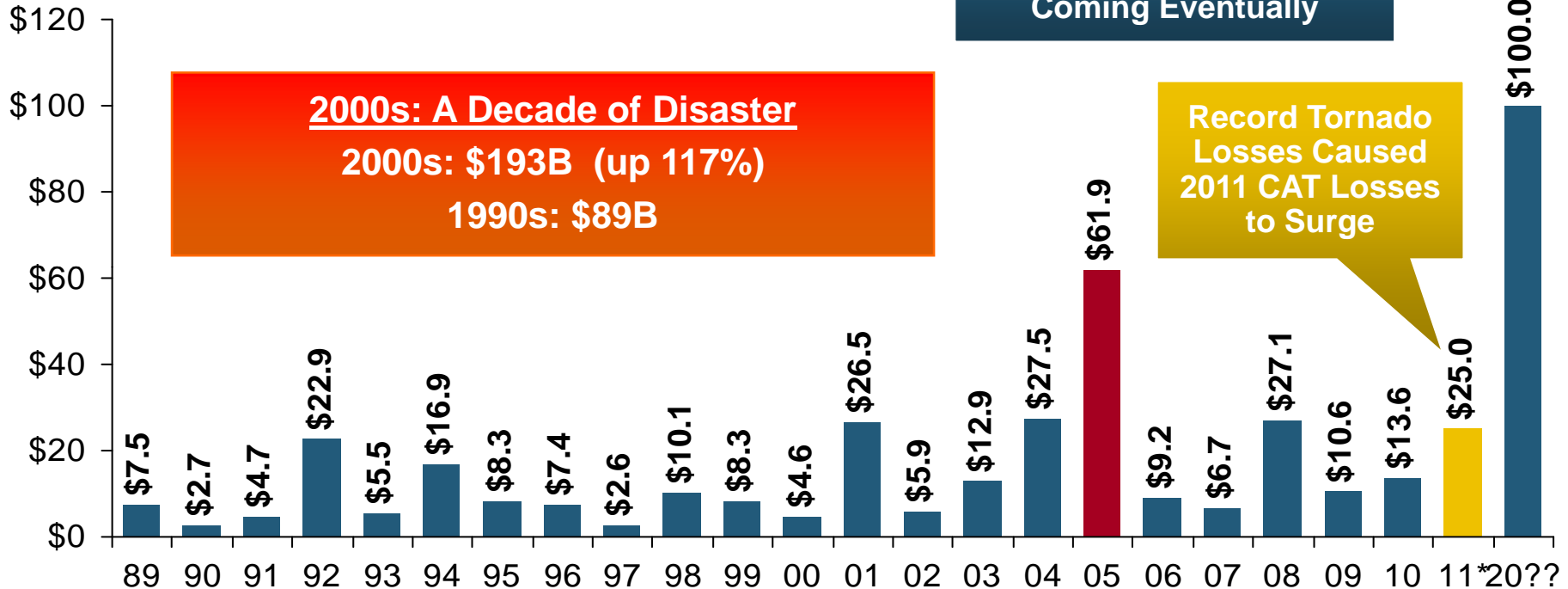
Source: MR NatCatSERVICE

# **U.S. Insured Catastrophe Loss Update**

**2011 CAT Losses Already Greatly  
Exceed All of 2010 and Will Become One  
of the Most Expensive Years on Record**

# US Insured Catastrophe Losses

(\$ Billions)



**2000s: A Decade of Disaster**  
 2000s: \$193B (up 117%)  
 1990s: \$89B

\$100 Billion CAT Year is Coming Eventually

Record Tornado Losses Caused 2011 CAT Losses to Surge

**2011 Will Become the 5<sup>th</sup> or 6<sup>th</sup> Most Expensive Year in History for Insured Catastrophe Losses in the US**

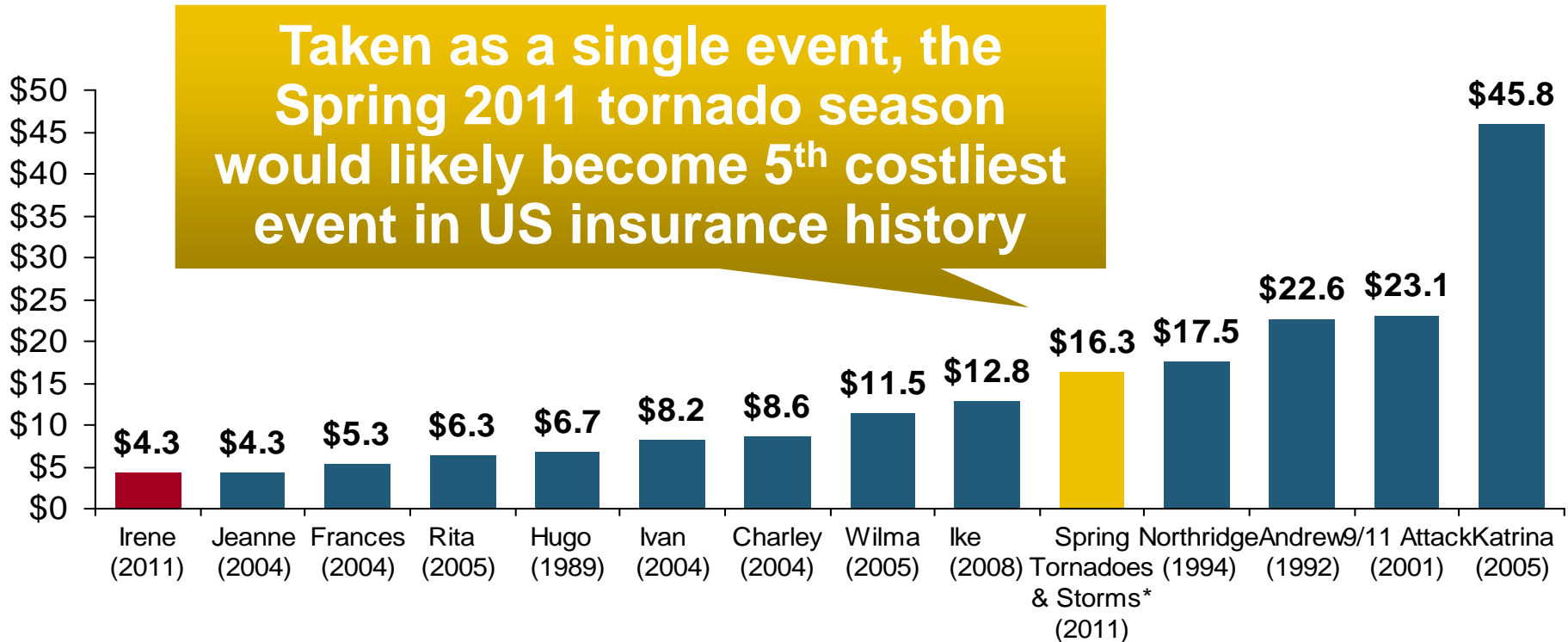
\*Estimate through Oct. 31, 2011.

Note: 2001 figure includes \$20.3B for 9/11 losses reported through 12/31/01. Includes only business and personal property claims, business interruption and auto claims. Non-prop/BI losses = \$12.2B.

Sources: Property Claims Service/ISO; Insurance Information Institute.

# Top 13 (14?) Most Costly Disasters in U.S. History

(Insured Losses, 2010 Dollars, \$ Billions)\*\*



\*Losses will actually be broken down into several "events" as determined by PCS.

\*\*Hurricane Irene losses stated in 2011 dollars.

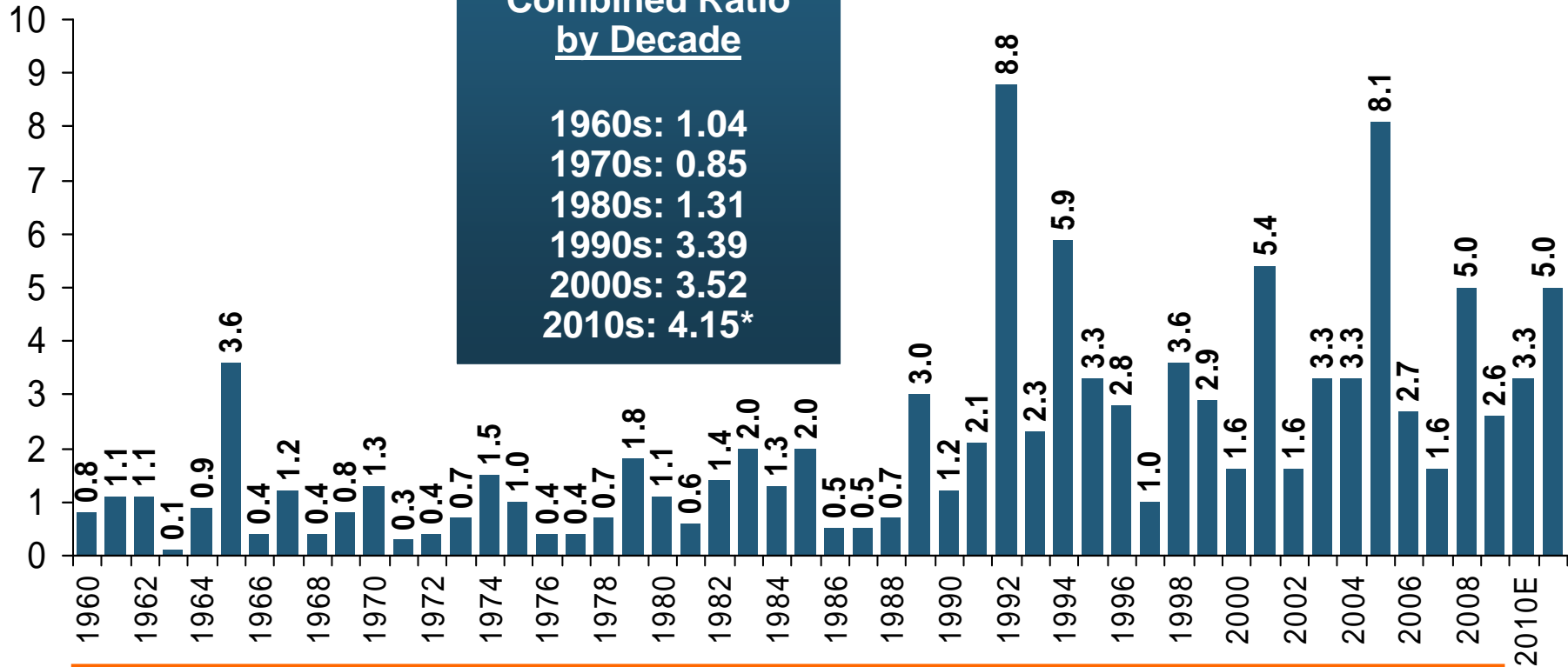
Sources: PCS; Insurance Information Institute inflation adjustments.

# Combined Ratio Points Associated with Catastrophe Losses: 1960 – 2011:H1\*

## Combined Ratio Points

**Avg. CAT Loss Component of the Combined Ratio by Decade**

1960s: 1.04  
 1970s: 0.85  
 1980s: 1.31  
 1990s: 3.39  
 2000s: 3.52  
 2010s: 4.15\*



**The Catastrophe Loss Component of Private Insurer Losses Has Increased Sharply in Recent Decades**

\*Insurance Information Institute estimates for 2010 and 2011:H1

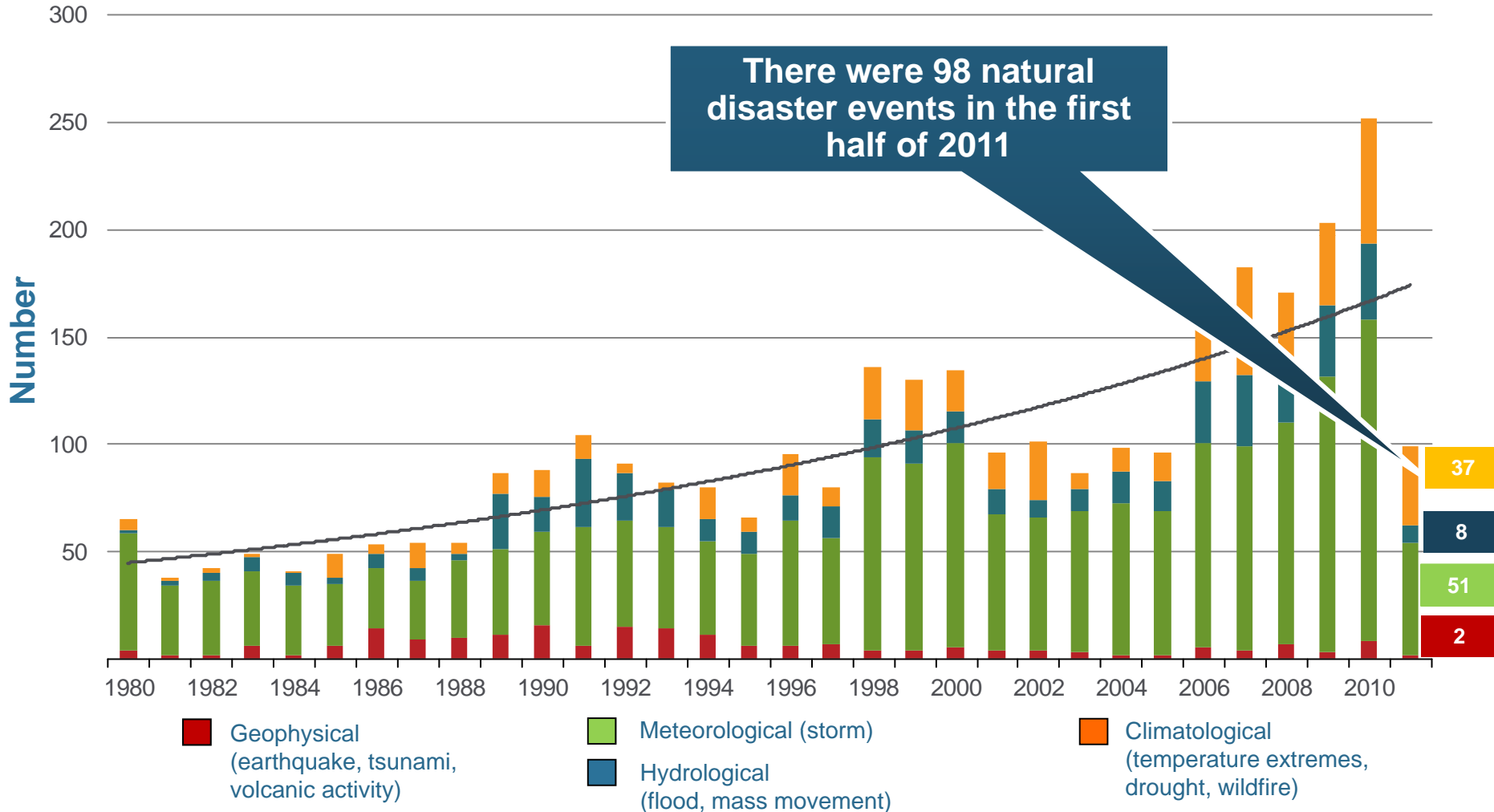
Notes: Private carrier losses only. Excludes loss adjustment expenses and reinsurance reinstatement premiums. Figures are adjusted for losses ultimately paid by foreign insurers and reinsurers.

Source: ISO; Insurance Information Institute.



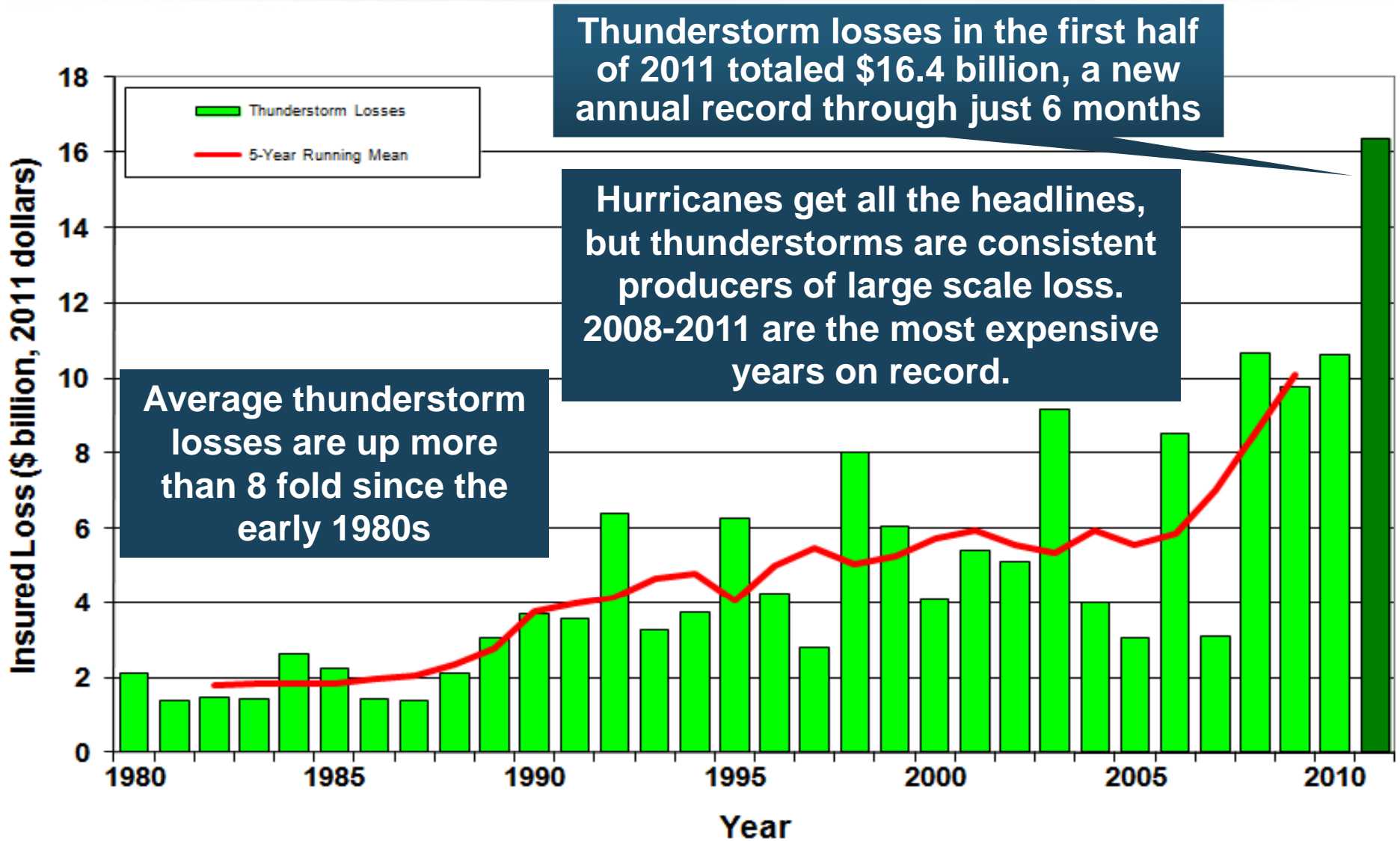
# Natural Disasters in the United States, 1980 – 2011\*

Number of Events (Annual Totals 1980 – 2010 and First Half 2011)



\*Through June 30.  
Source: MR NatCatSERVICE

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



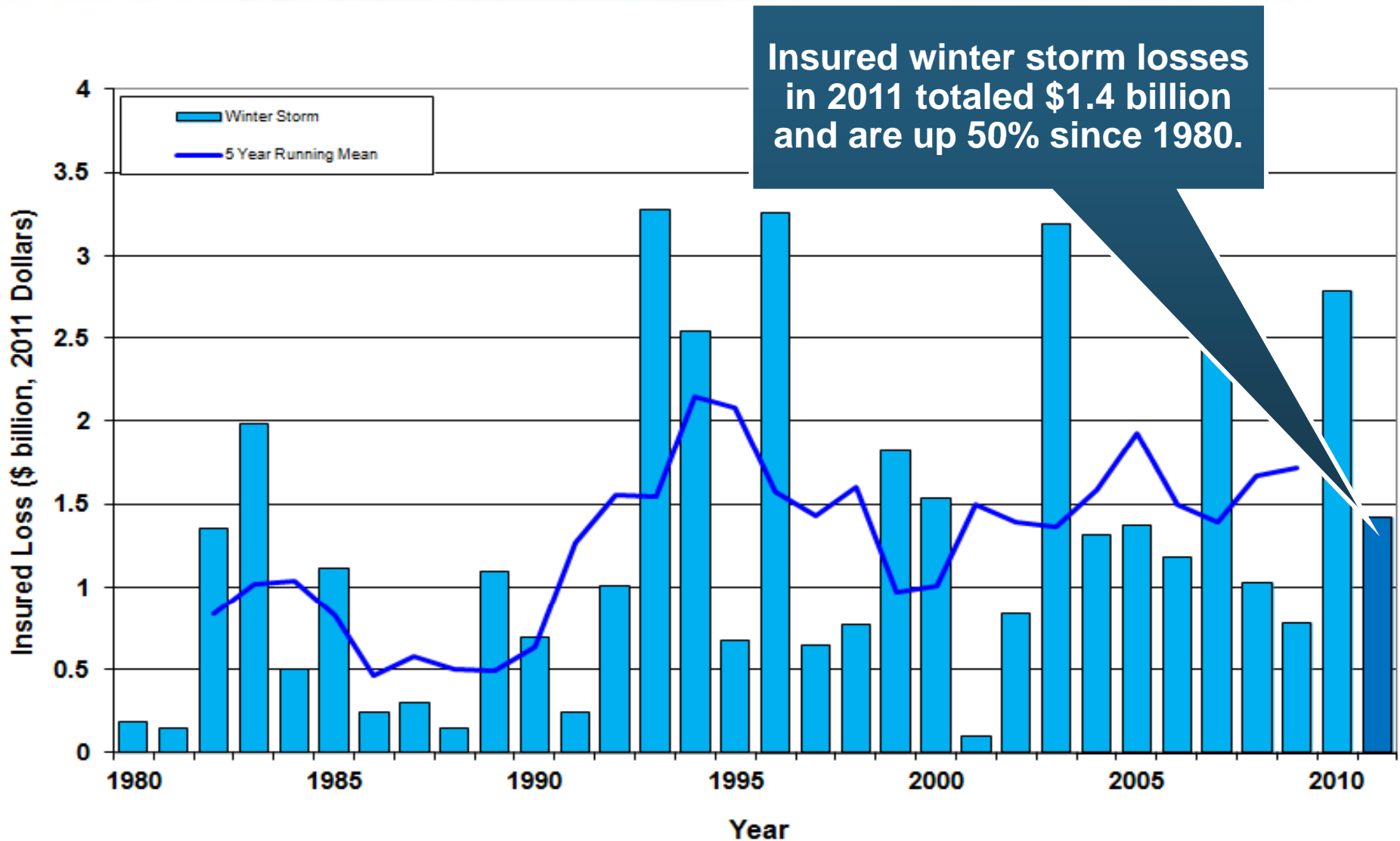
Thunderstorm losses in the first half of 2011 totaled \$16.4 billion, a new annual record through just 6 months

Hurricanes get all the headlines, but thunderstorms are consistent producers of large scale loss. 2008-2011 are the most expensive years on record.

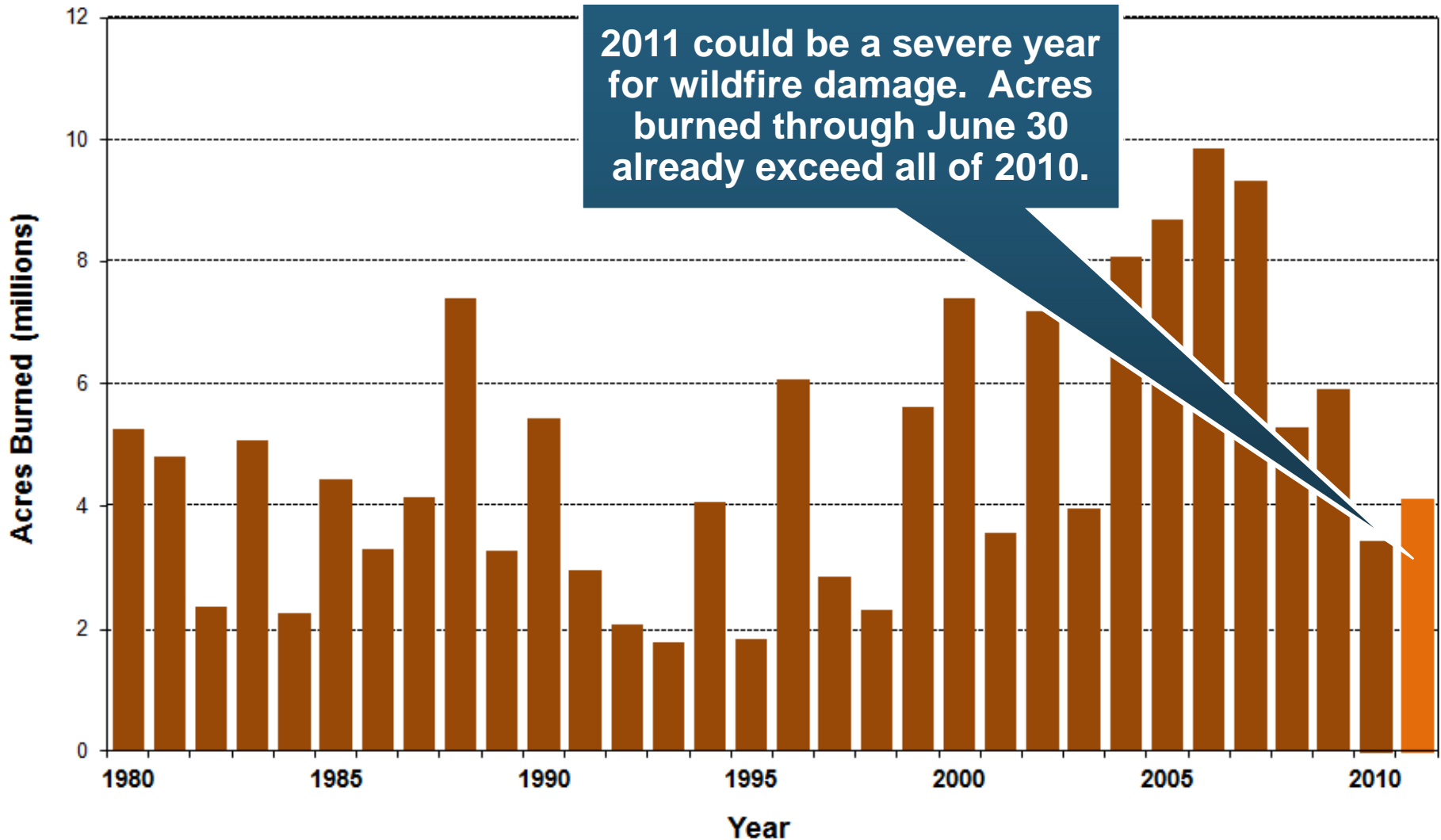
Average thunderstorm losses are up more than 8 fold since the early 1980s

\*Through June 30, 2011.  
Source: Property Claims Service, MR NatCatSERVICE

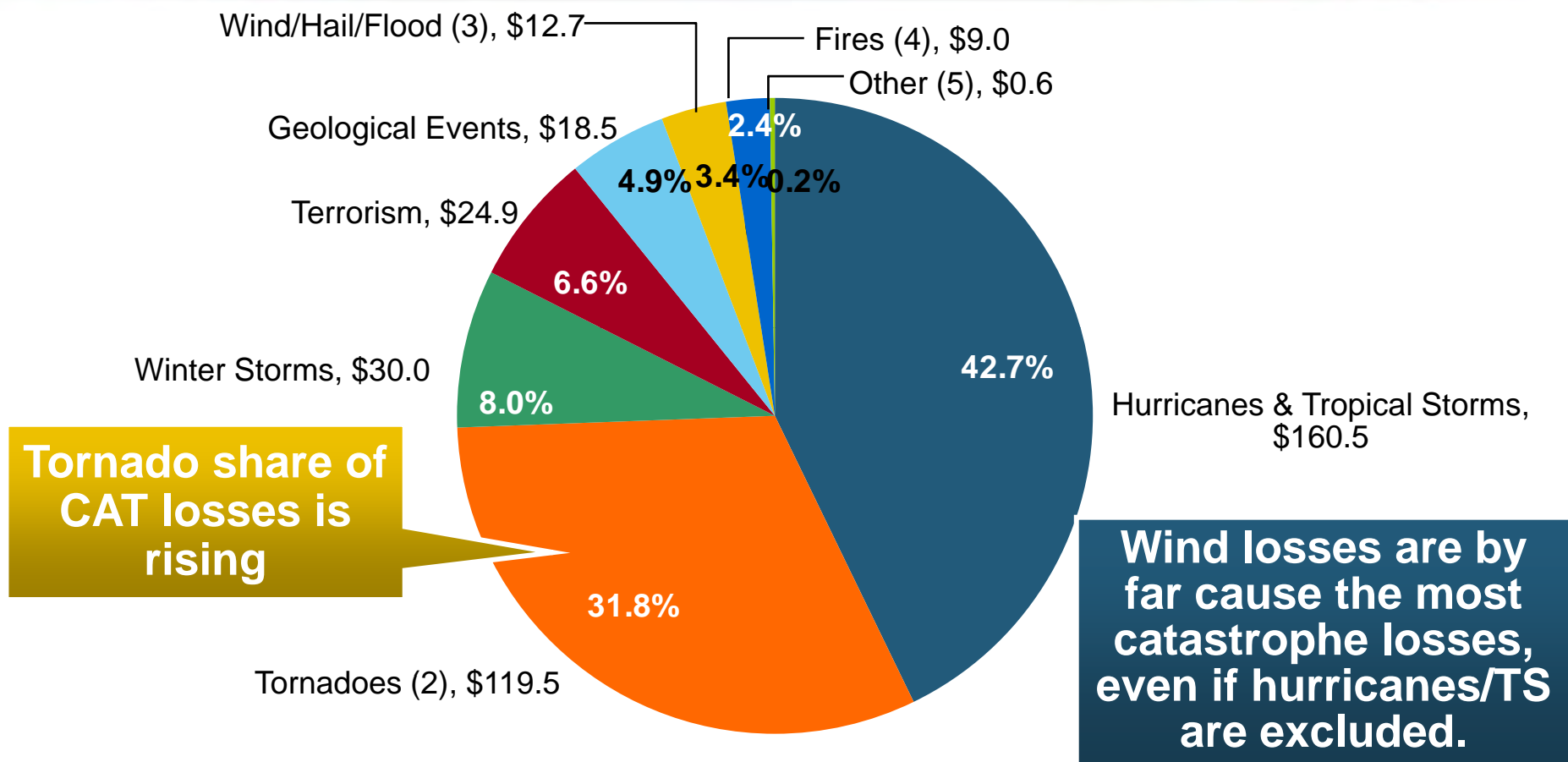
# U.S. Winter Storm Loss Trends, 1980 – 2010 (Annual Totals) vs. First Half 2011



# U.S. Acreage Burned by Wildfires, 1980 – 2010 (Annual Totals) vs. First Half 2011



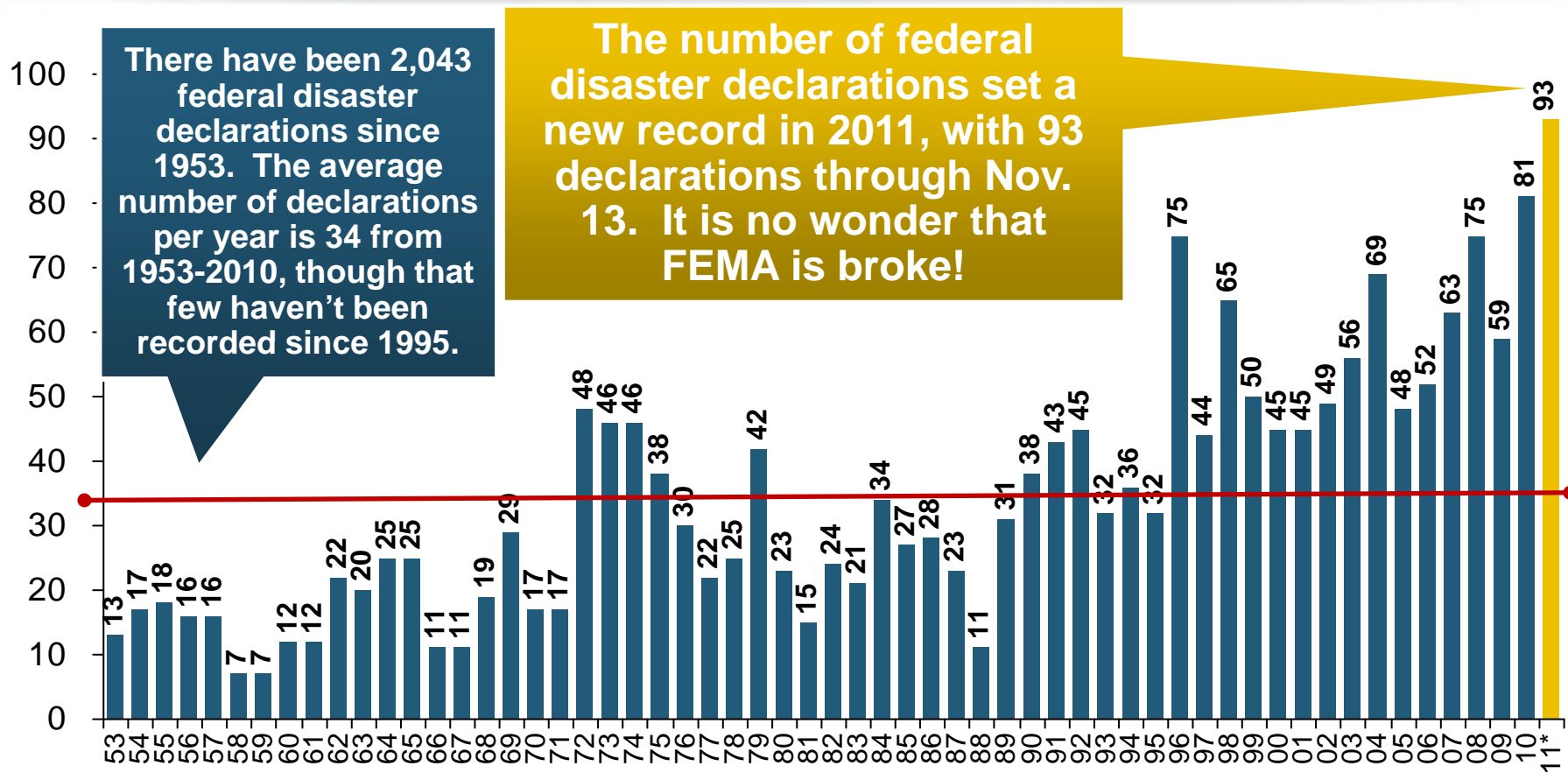
# Inflation Adjusted U.S. Catastrophe Losses by Cause of Loss, 1990–2011:H1<sup>1</sup>



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.

# Number of Federal Disaster Declarations, 1953-2011\*

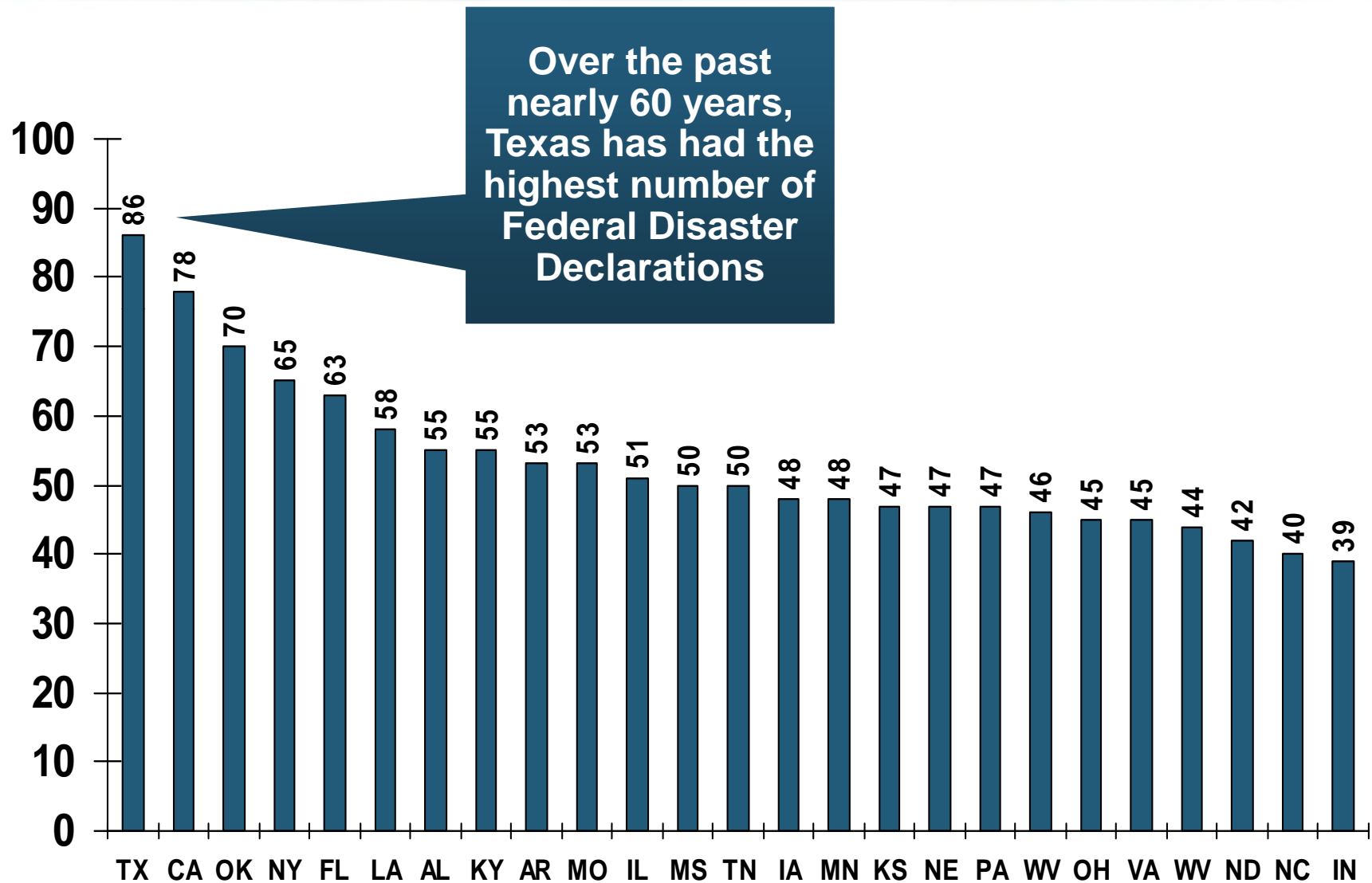


**The Number of Federal Disaster Declarations Is Rising and Set a New Record in 2011**

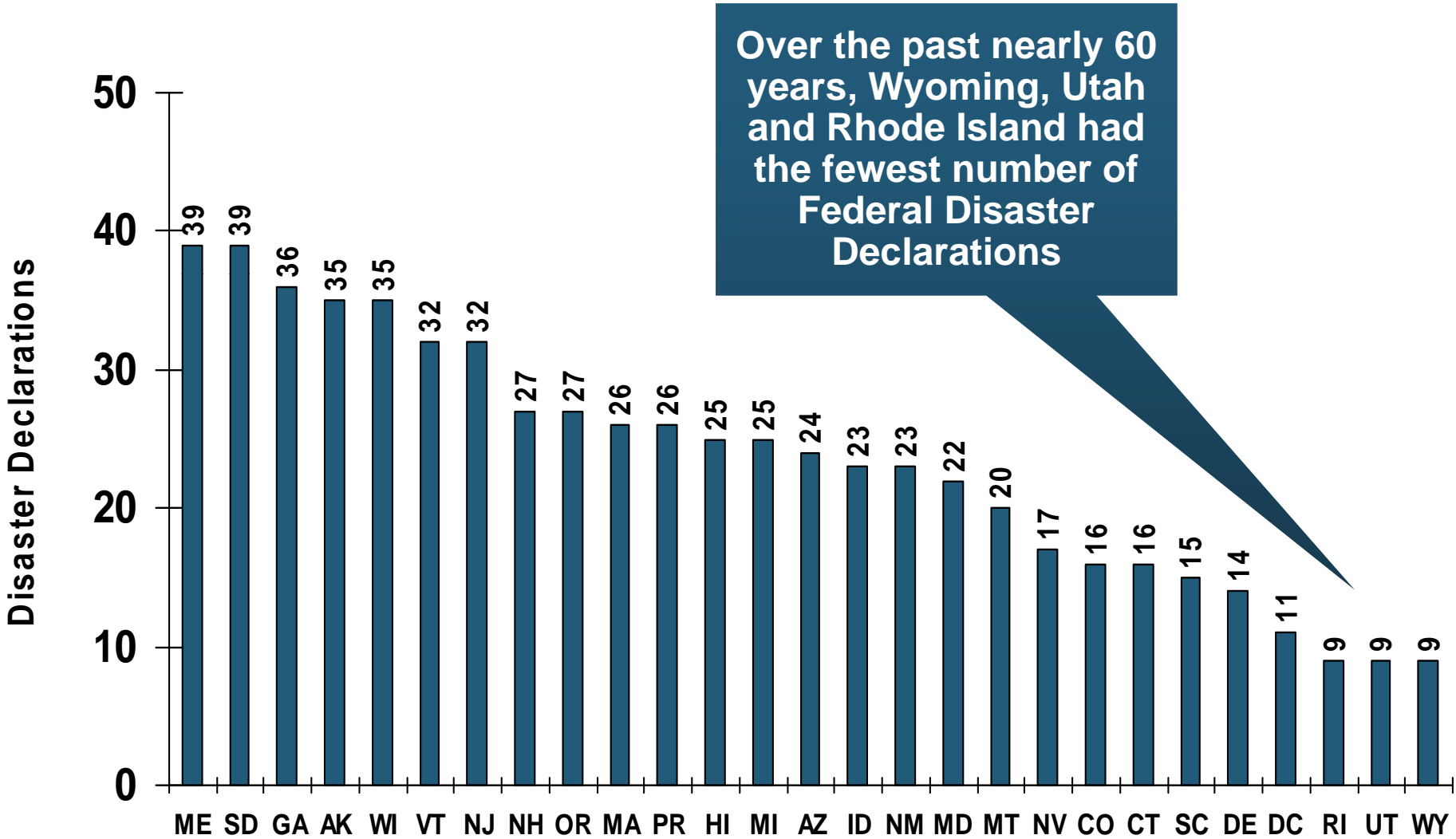
\*Through November 13, 2011.

Source: Federal Emergency Management Administration: [http://www.fema.gov/news/disaster\\_totals\\_annual.fema](http://www.fema.gov/news/disaster_totals_annual.fema) ; Insurance Information Institute.

# Federal Disasters Declarations by State, 1953 – Nov. 13, 2011: Highest 25 States



# Federal Disasters Declarations by State, 1953 – Nov. 13, 2011: Lowest 25 States\*



\*Includes Puerto Rico and the District of Columbia.

Source: FEMA: [http://www.fema.gov/news/disaster\\_totals\\_annual.fema](http://www.fema.gov/news/disaster_totals_annual.fema); Insurance Information Institute.

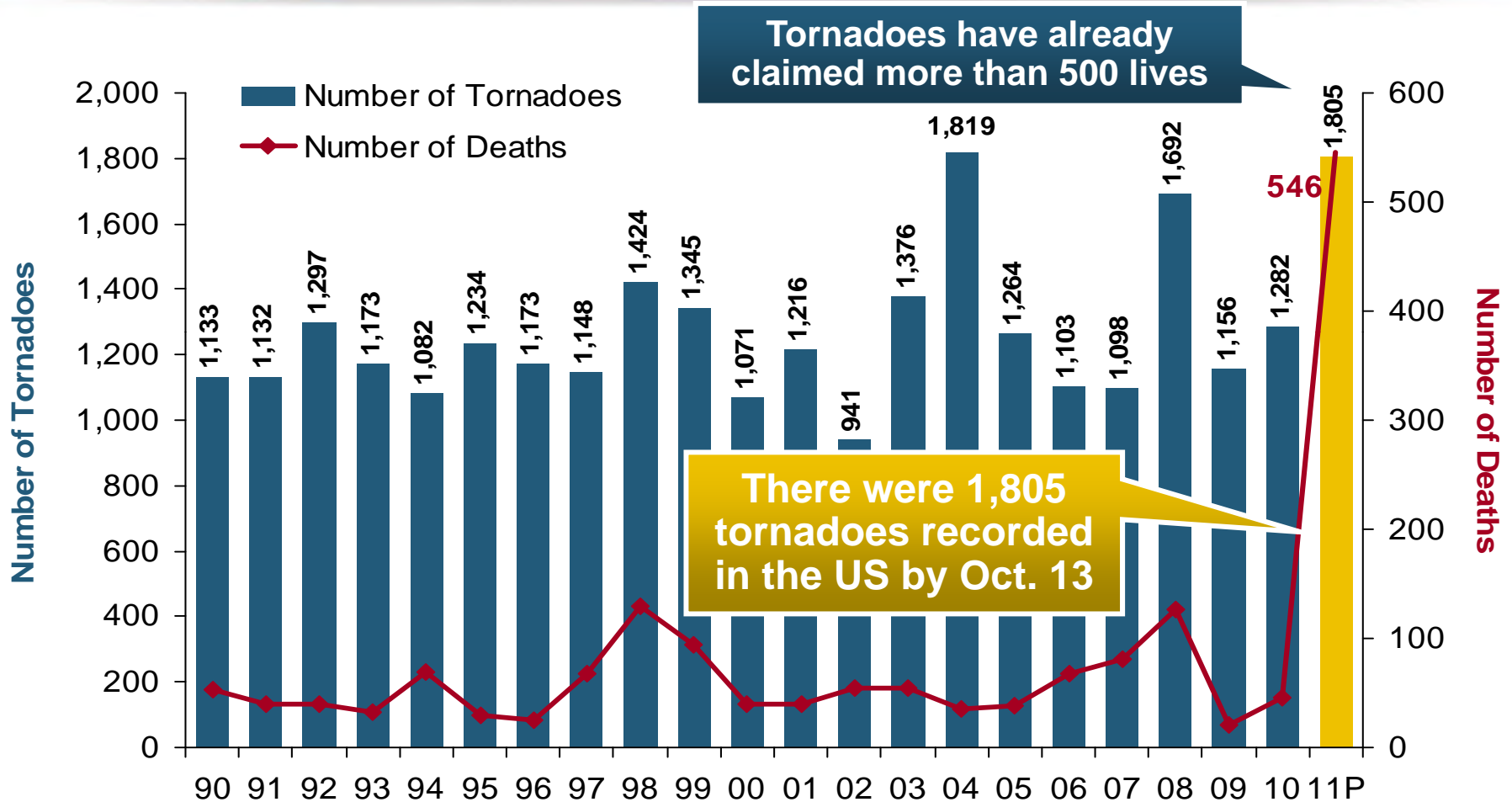




## **SPRING 2011 TORNADO & SEVERE STORM OUTBREAK**

**2011 Losses Are Putting Pressure on  
US P/C Insurance Markets**

# Number of Tornadoes and Related Deaths, 1990 – 2011\*



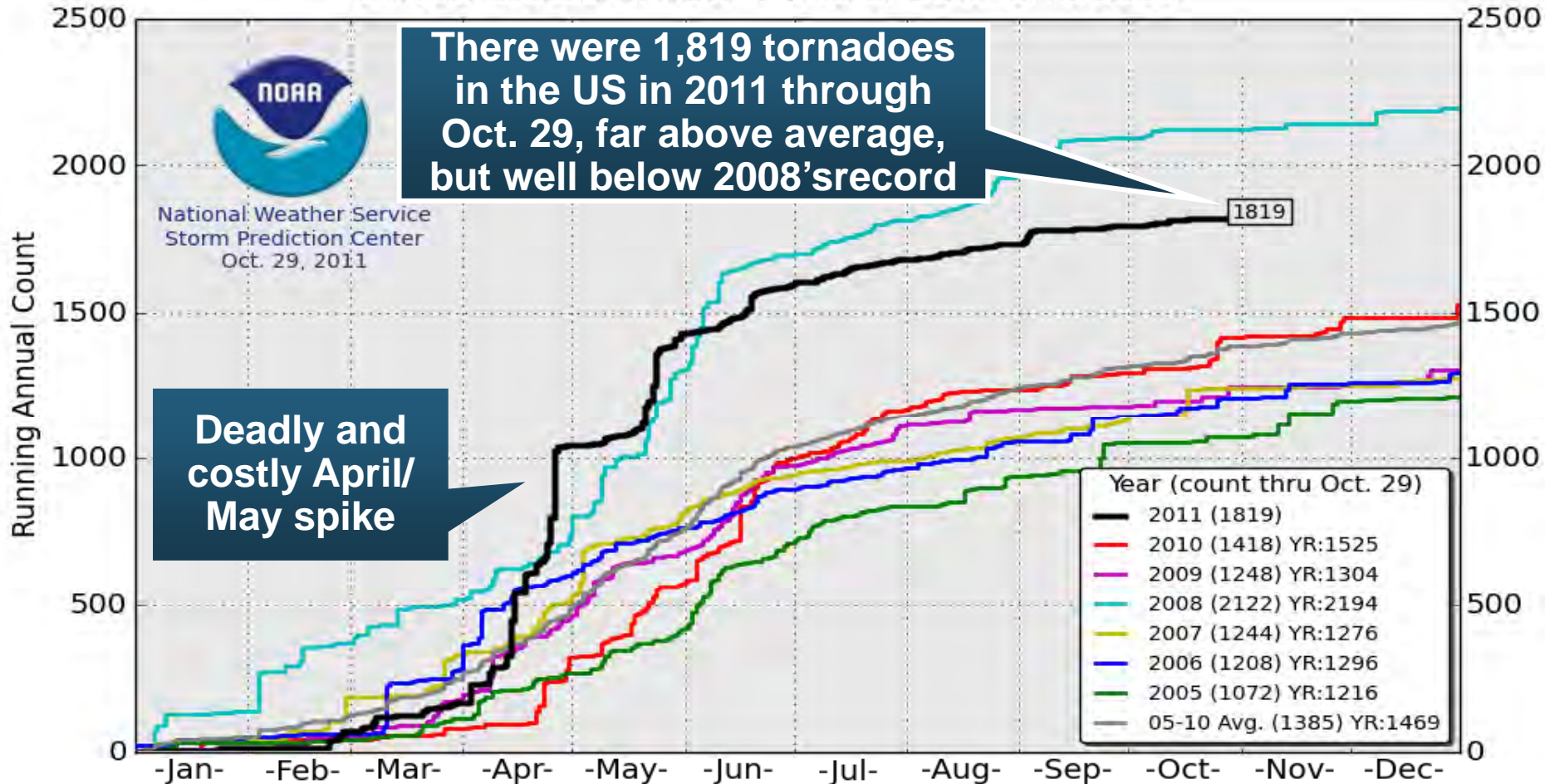
**Insurers Expect to Pay at Least \$2 Billion Each for the April 2011 Tornadoes in Alabama and a Similar Amount for the May Storms in Joplin**

\*2011 is preliminary data through October 13.

Source: U.S. Department of Commerce, Storm Prediction Center, National Weather Service.

# U.S. Tornado Count, 2005-2011\*

United States Annual Trend of LSR Tornadoes\*



\*Preliminary tornadoes from NWS Local Storm Reports (LSRs)  
Annual average is based on preliminary LSRs, 2005-2010

# Insurers Making a Difference in Impacted Communities

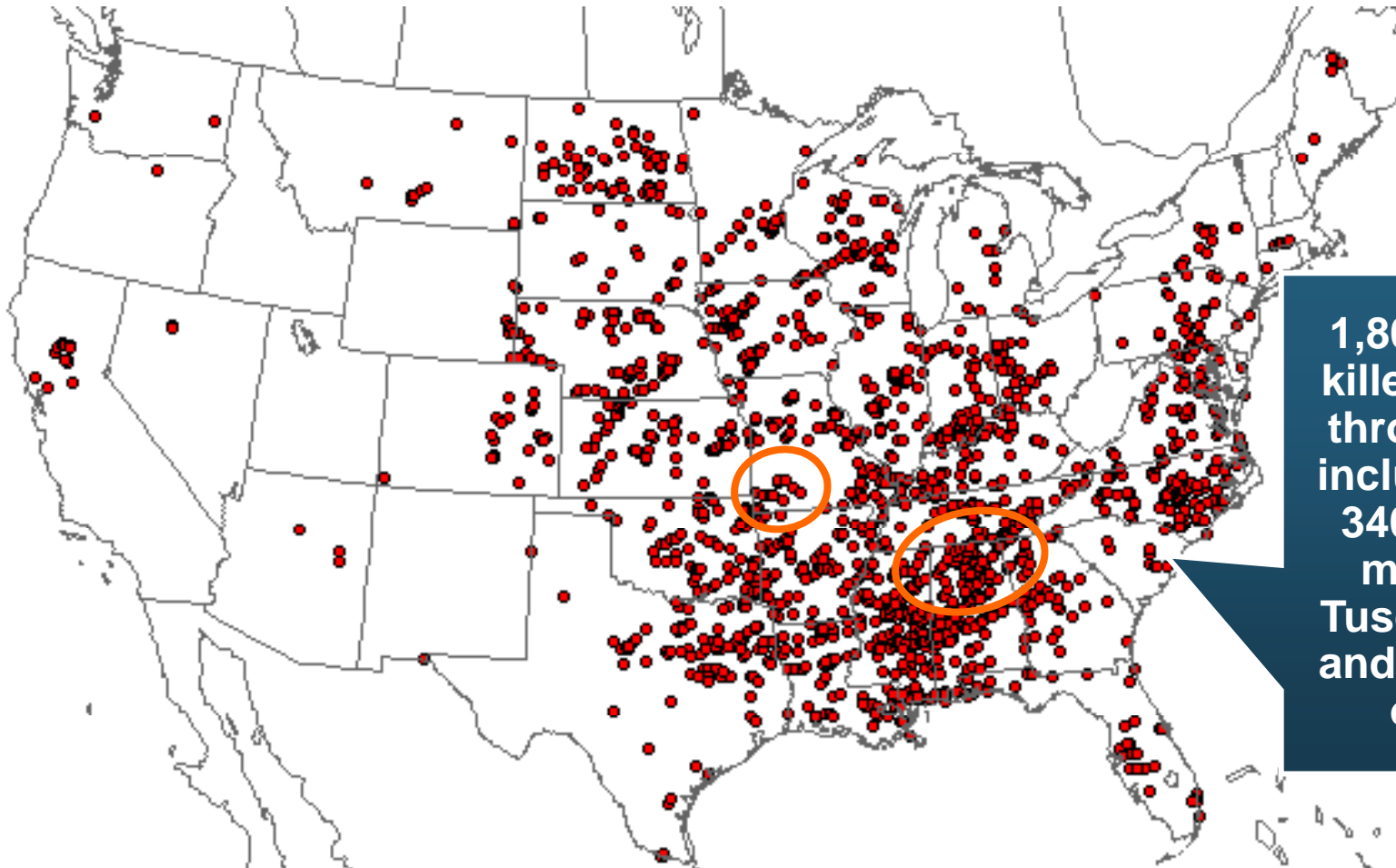


Destroyed home in Tuscaloosa. Insurers will pay some 165,000 claims totaling \$2 billion in the Tuscaloosa/Birmingham areas alone.

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



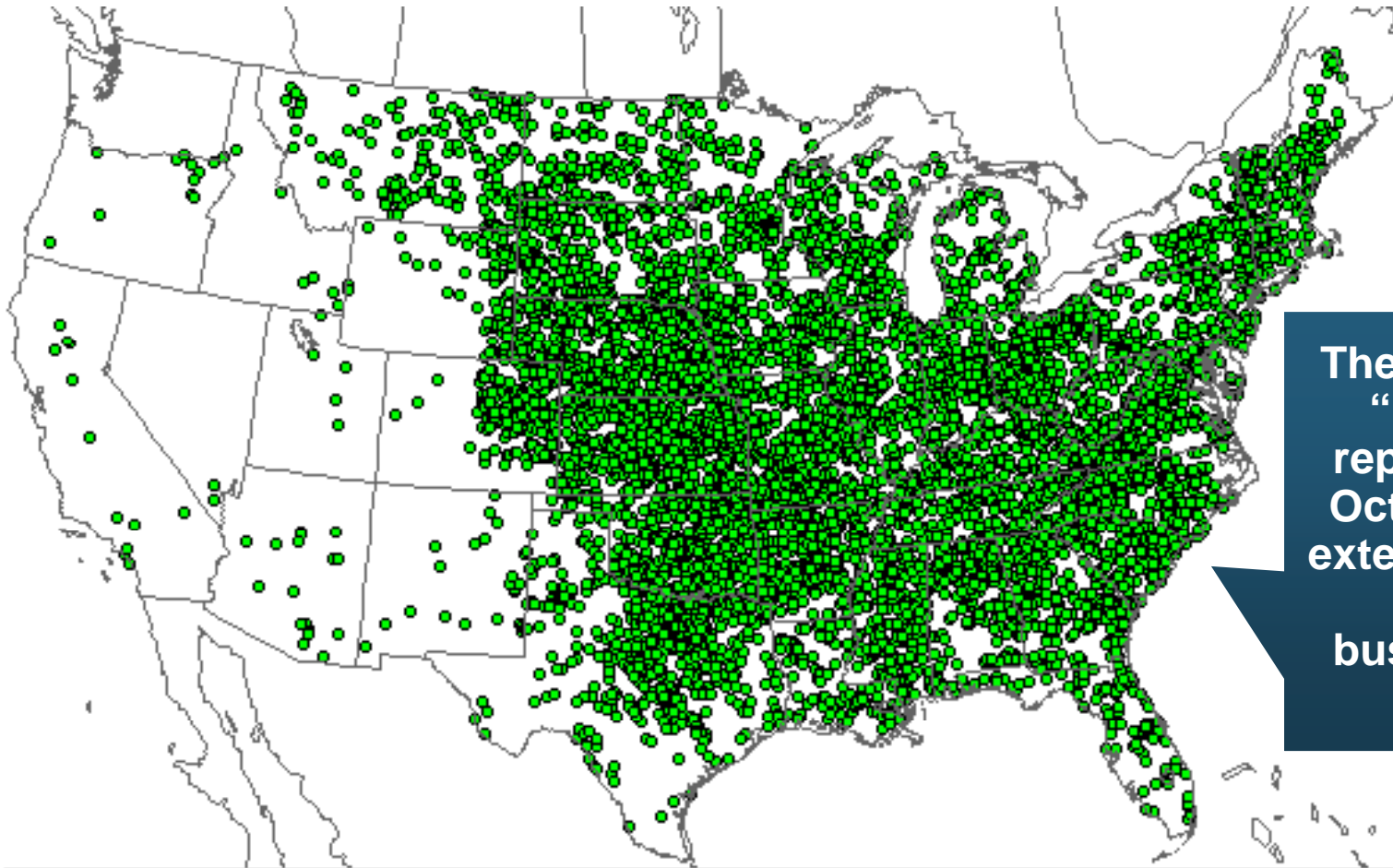
# Location of Tornadoes in the US, January 1—October 13, 2011



1,805 tornadoes killed 546 people through Oct. 13, including at least 340 on April 26 mostly in the Tuscaloosa area, and 130 in Joplin on May 22

 **PRELIMINARY SEVERE WEATHER REPORT DATABASE (ROUGH LOG)** **Tornado Reports**  
January 01, 2011 - October 13, 2011  
NOAA/Storm Prediction Center Norman, Oklahoma Updated: Thursday October 13, 2011 12:59 CT

# Location of Large Hail Reports in the US, January 1—October 13, 2011



There were 9,287  
“Large Hail”  
reports through  
Oct. 13, causing  
extensive damage  
to homes,  
businesses and  
vehicles



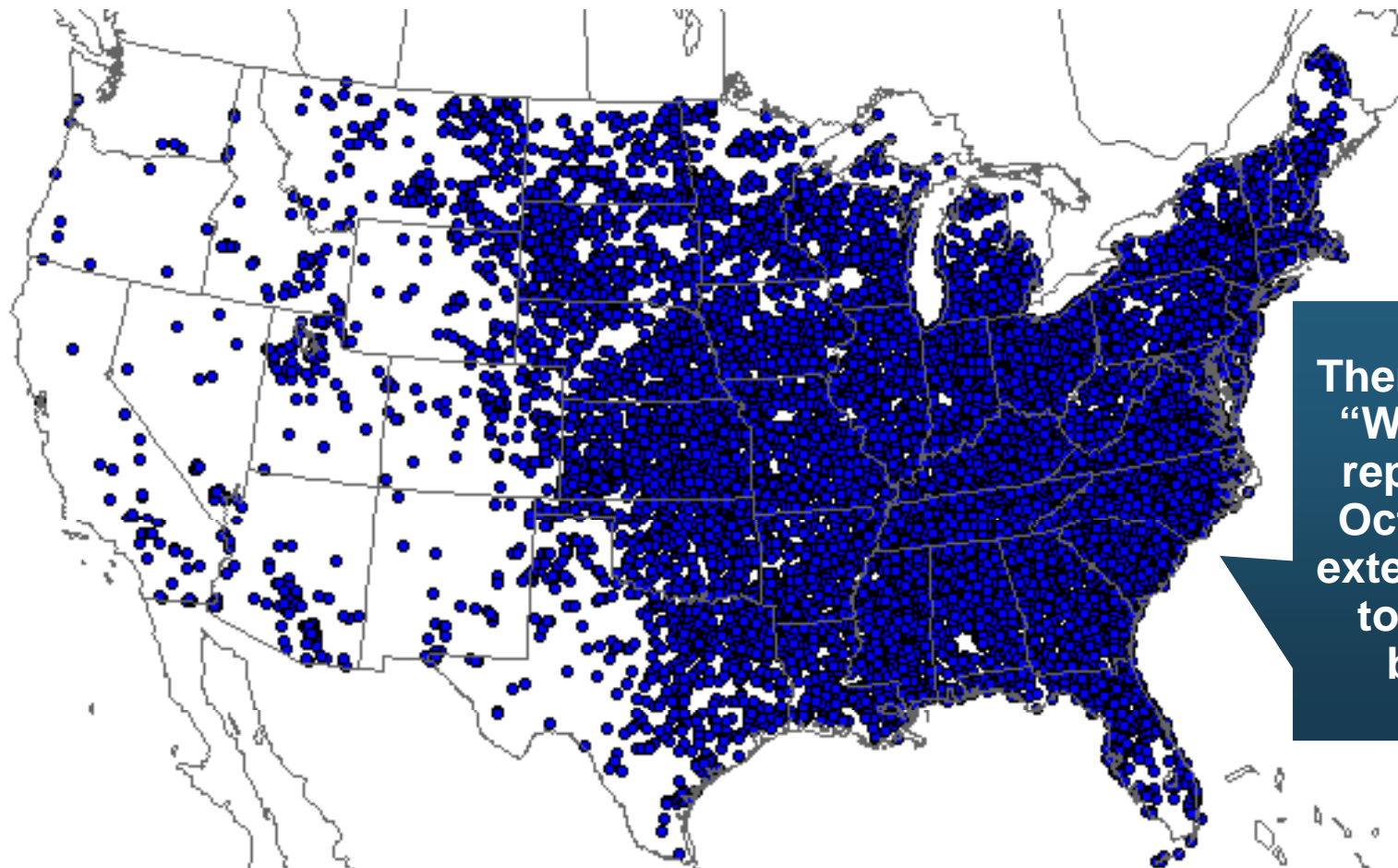
PRELIMINARY SEVERE WEATHER  
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Hail Reports  
January 01, 2011 - October 13, 2011

Updated: Thursday October 13, 2011 12:59 CT

# Location of Wind Damage Reports in the US, January 1—Oct. 13, 2011



There were 18,293  
“Wind Damage”  
reports through  
Oct. 13, causing  
extensive damage  
to homes and,  
businesses



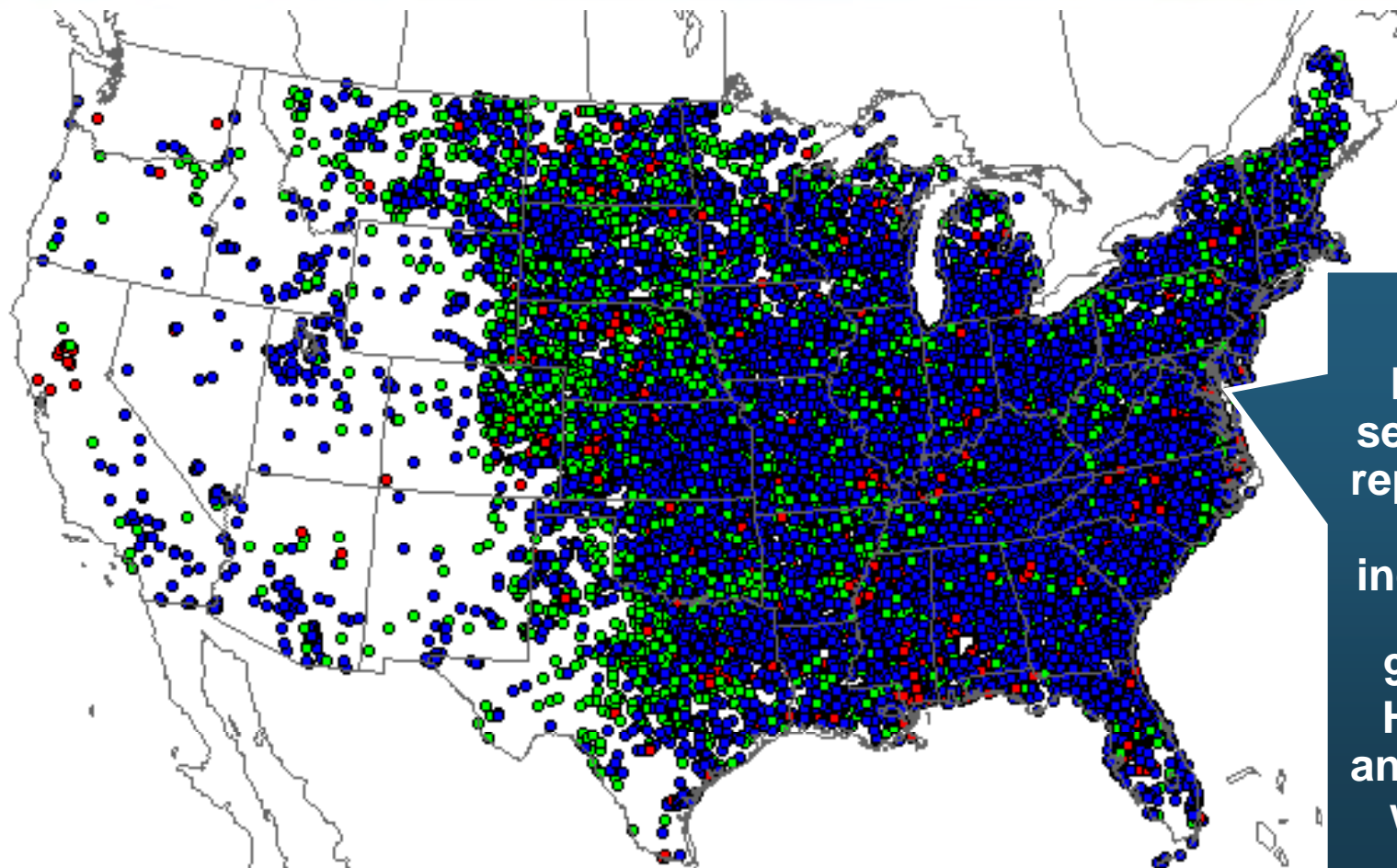
PRELIMINARY SEVERE WEATHER  
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Wind Reports  
January 01, 2011 - October 13, 2011

Updated: Thursday October 13, 2011 12:59 CT

# Severe Weather Reports, January 1—October 13, 2011



There have been 29,385 severe weather reports through Oct. 13; including 1,805 tornadoes; 9,287 “Large Hail” reports and 18,293 high wind events



PRELIMINARY SEVERE WEATHER  
REPORT DATABASE (ROUGH LOG)

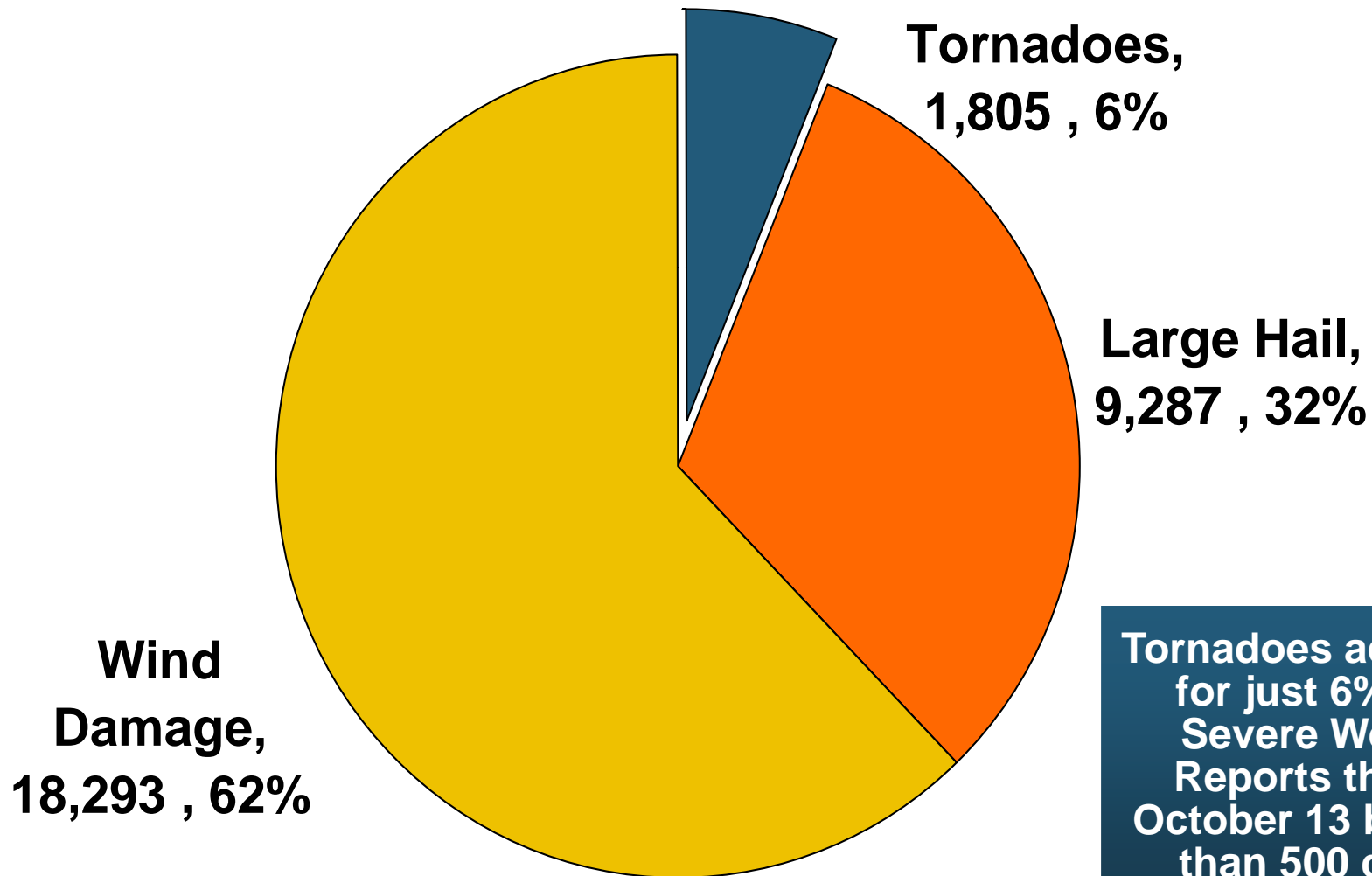
NOAA/Storm Prediction Center Norman, Oklahoma

Severe Weather Reports  
January 01, 2011 - October 13, 2011

Updated: Thursday October 13, 2011 12:59 CT



# Number of Severe Weather Reports in US, by Type: January 1—October 13, 2011

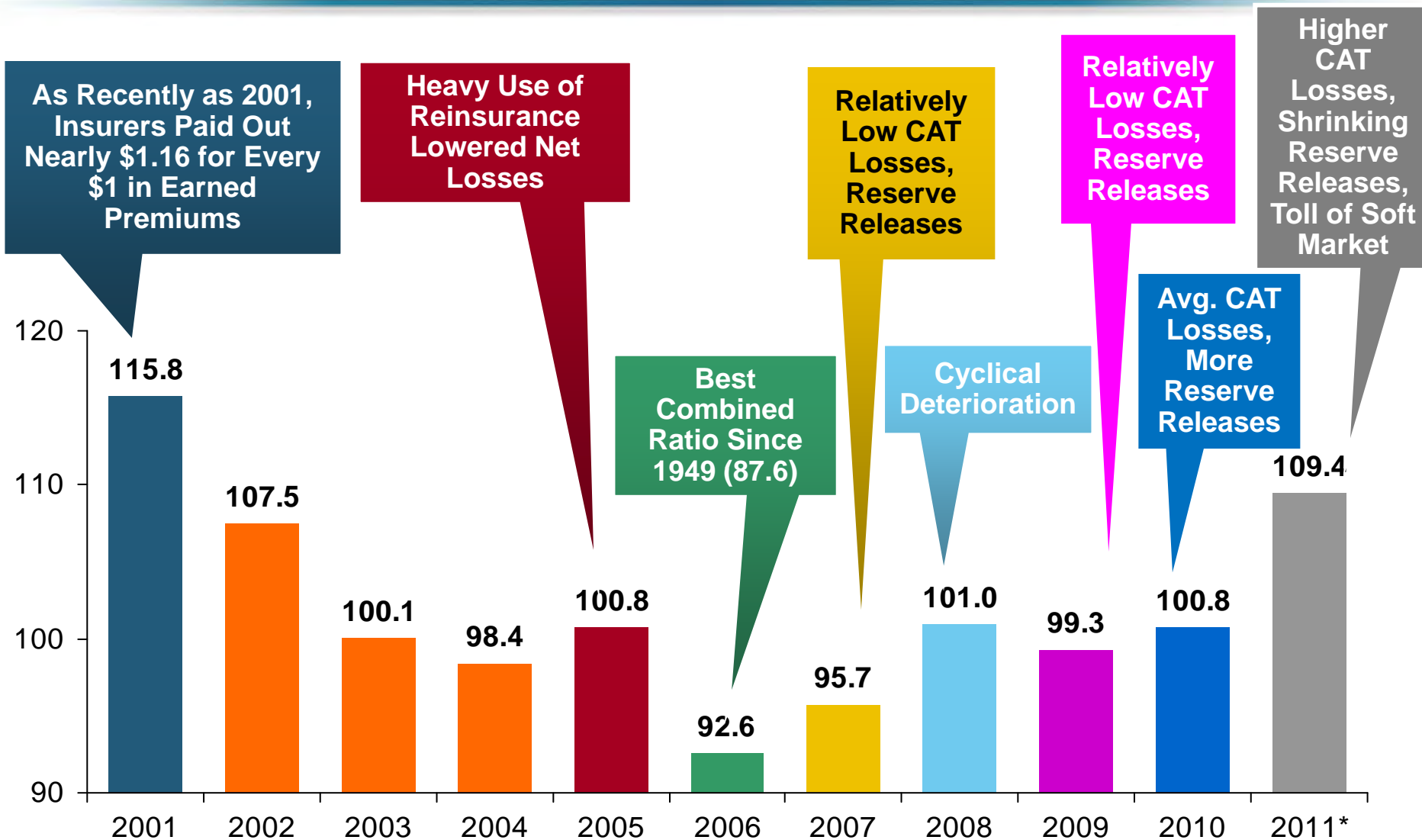


**Tornadoes accounted for just 6% of all Severe Weather Reports through October 13 but more than 500 deaths**



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

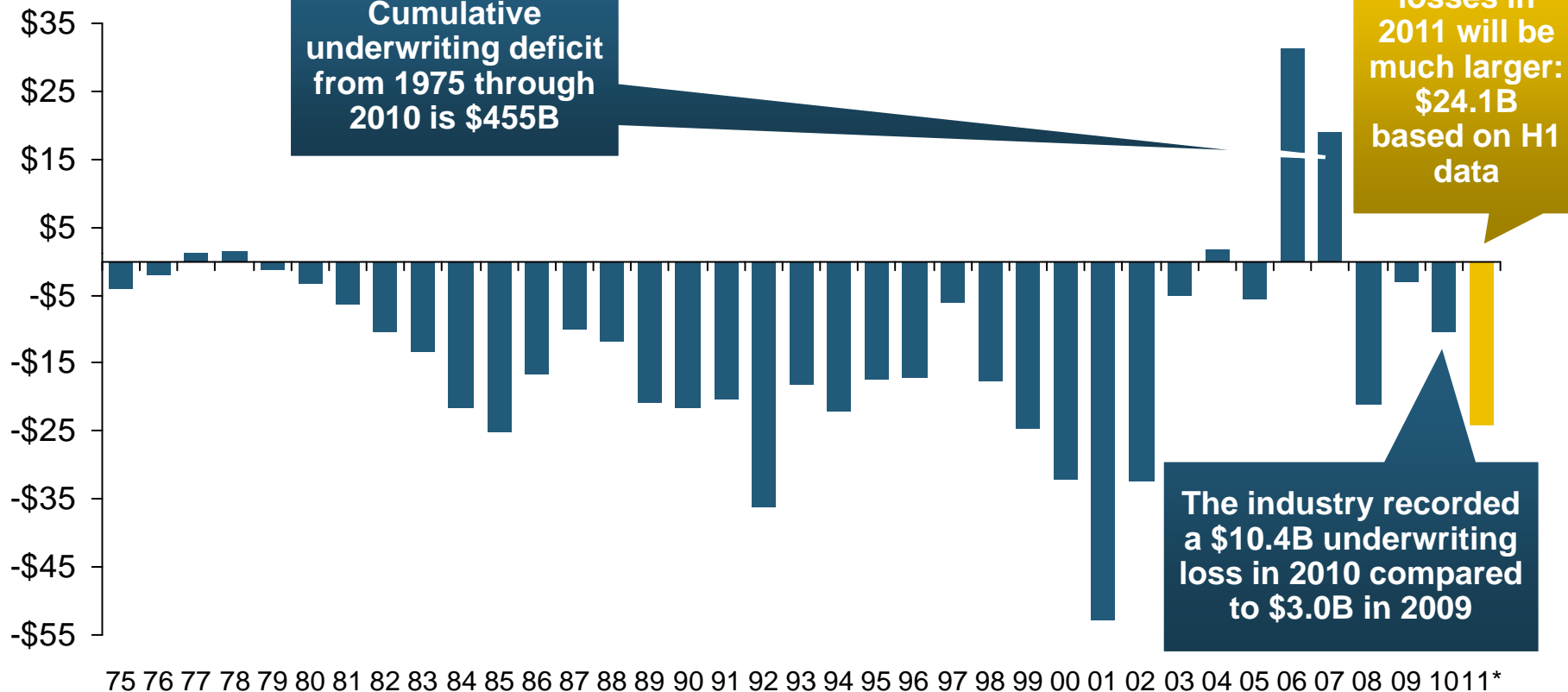
# P/C Insurance Industry Combined Ratio, 2001–2011:H1\*



\* Excludes Mortgage & Financial Guaranty insurers 2008--2011. Including M&FG, 2008=105.1, 2009=100.7, 2010=102.4, 2011=110.5  
Sources: A.M. Best, ISO.; III Estimated for 2011:H1 (Q1 actual ex-M&FG was 102.2).

# Underwriting Gain (Loss) 1975–2011\*

(\$ Billions)

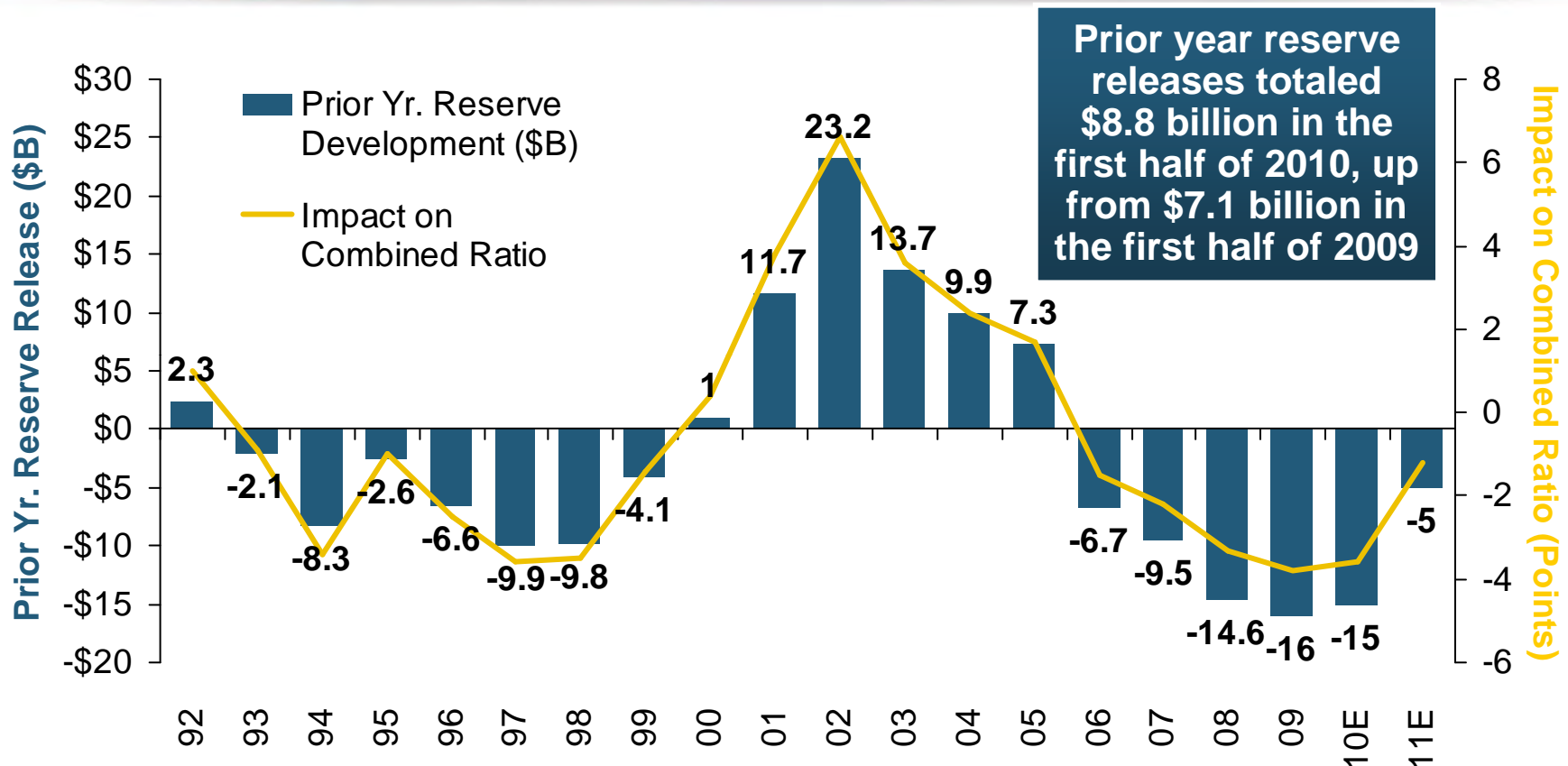


**Large Underwriting Losses Are *NOT* Sustainable  
in Current Investment Environment**

\* Includes mortgage and financial guaranty insurers in all years. 2011 figure is actual H1 underwriting losses of \$24.098 billion.

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

# P/C Reserve Development, 1992–2011E



Prior year reserve releases totaled \$8.8 billion in the first half of 2010, up from \$7.1 billion in the first half of 2009

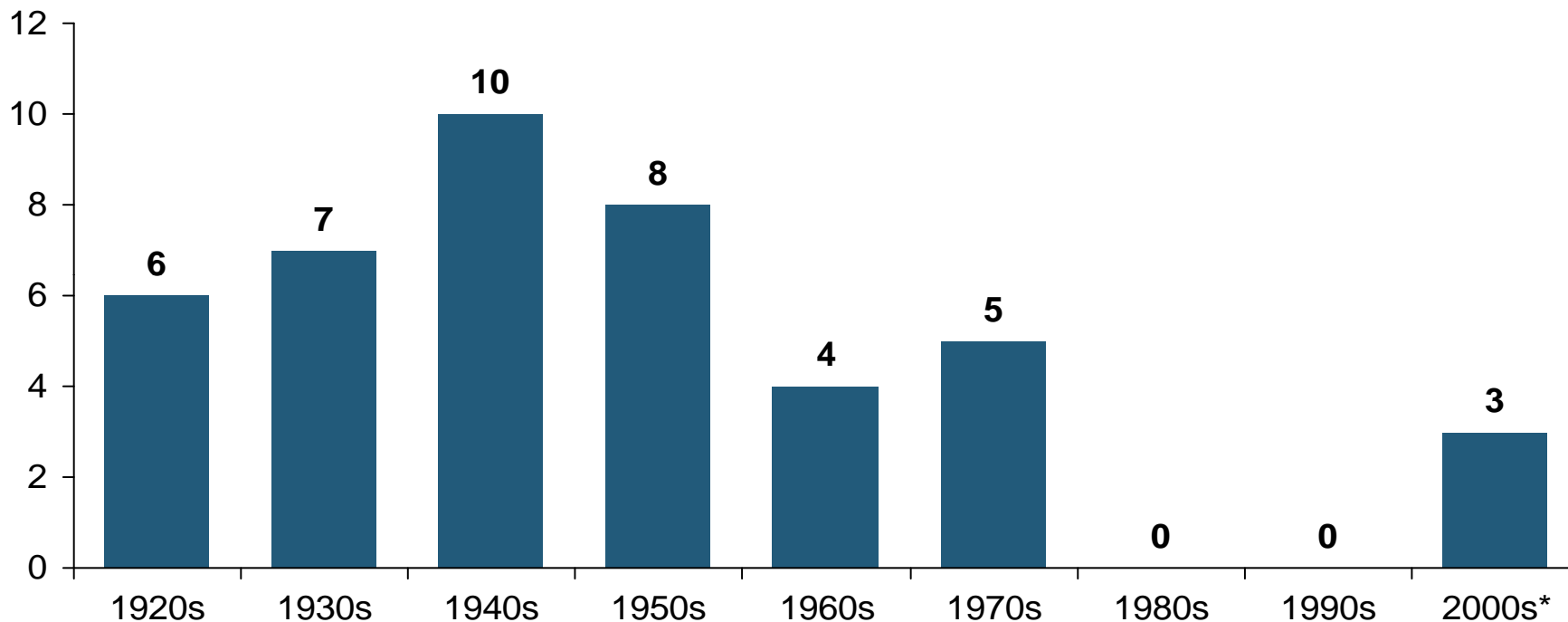
**Reserve Releases Are Continuing Strong in 2010 But Should Begin to Taper Off in 2011**

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

## Number of Years with Underwriting Profits



**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.

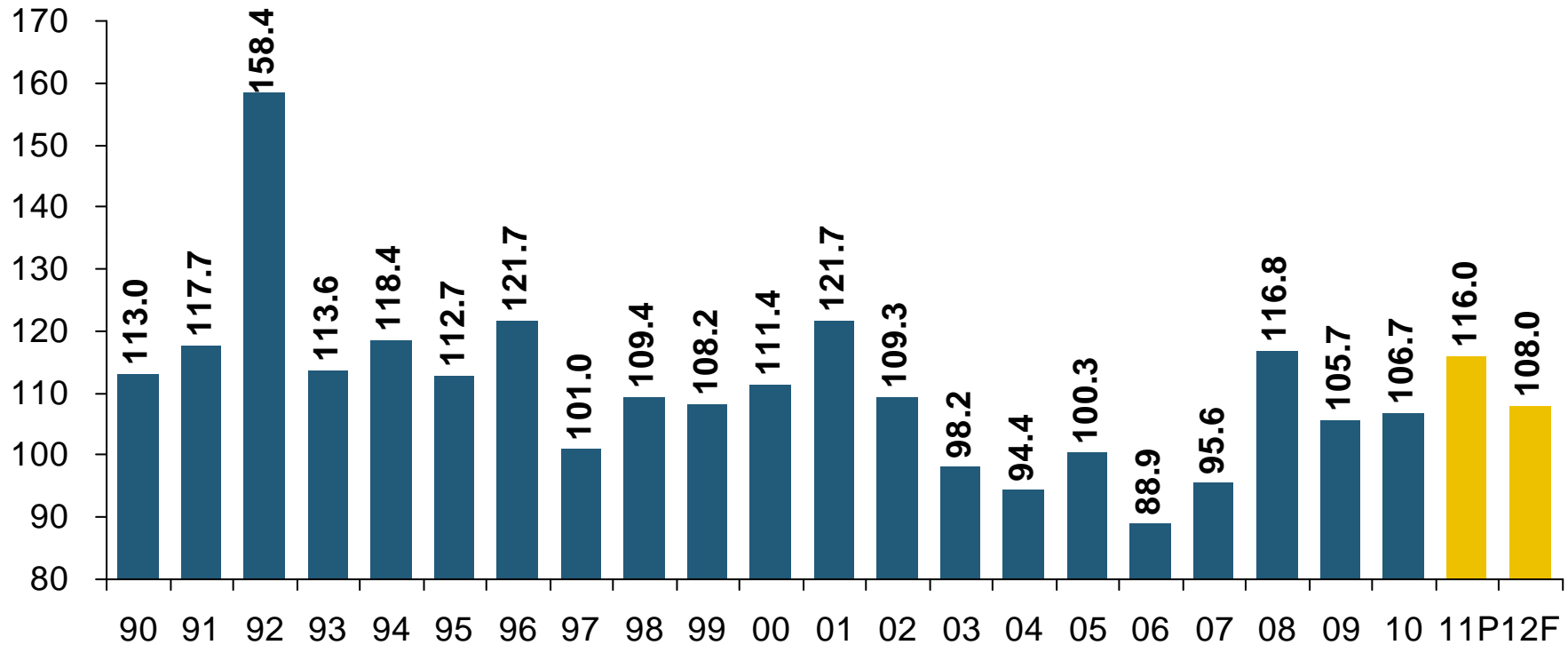
Note: Data for 1920–1934 based on stock companies only.

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



# Performance by Segment: Personal Lines

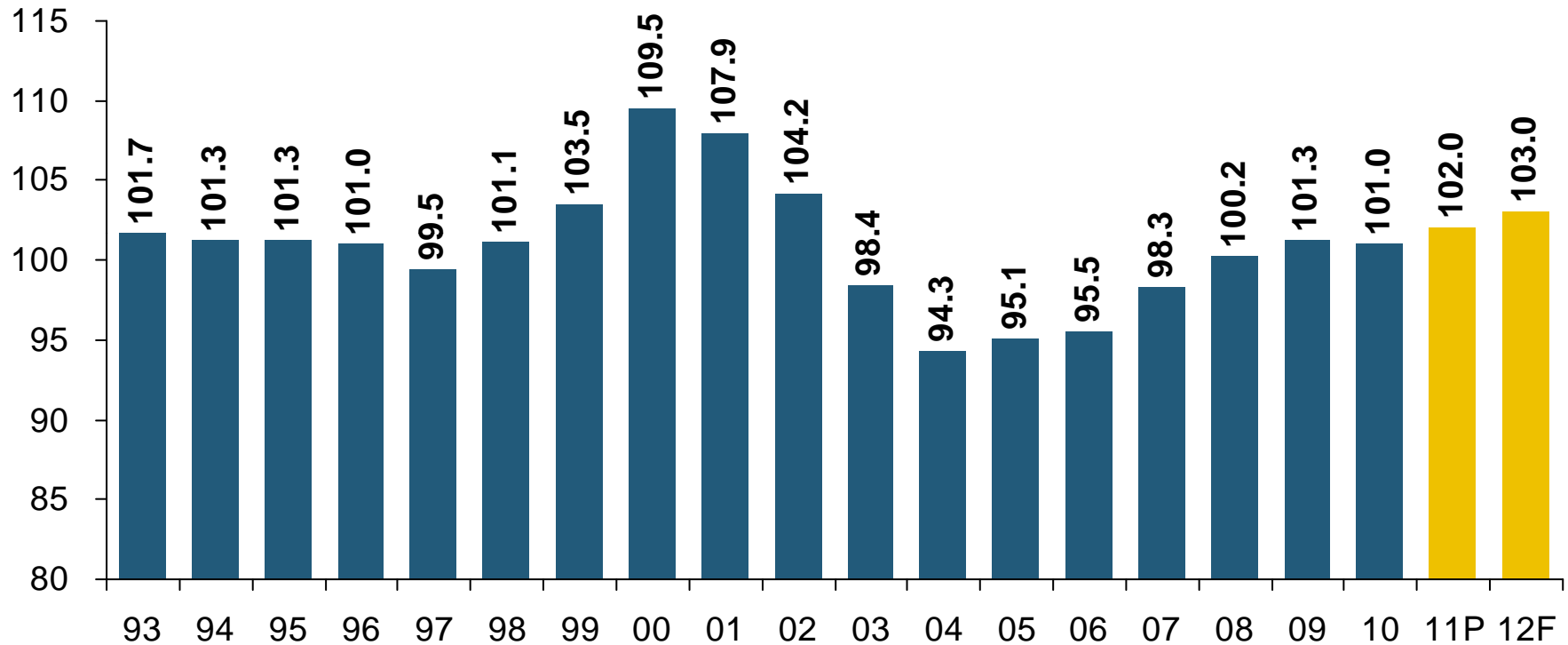
# Homeowners Insurance Combined Ratio: 1990–2012F



**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

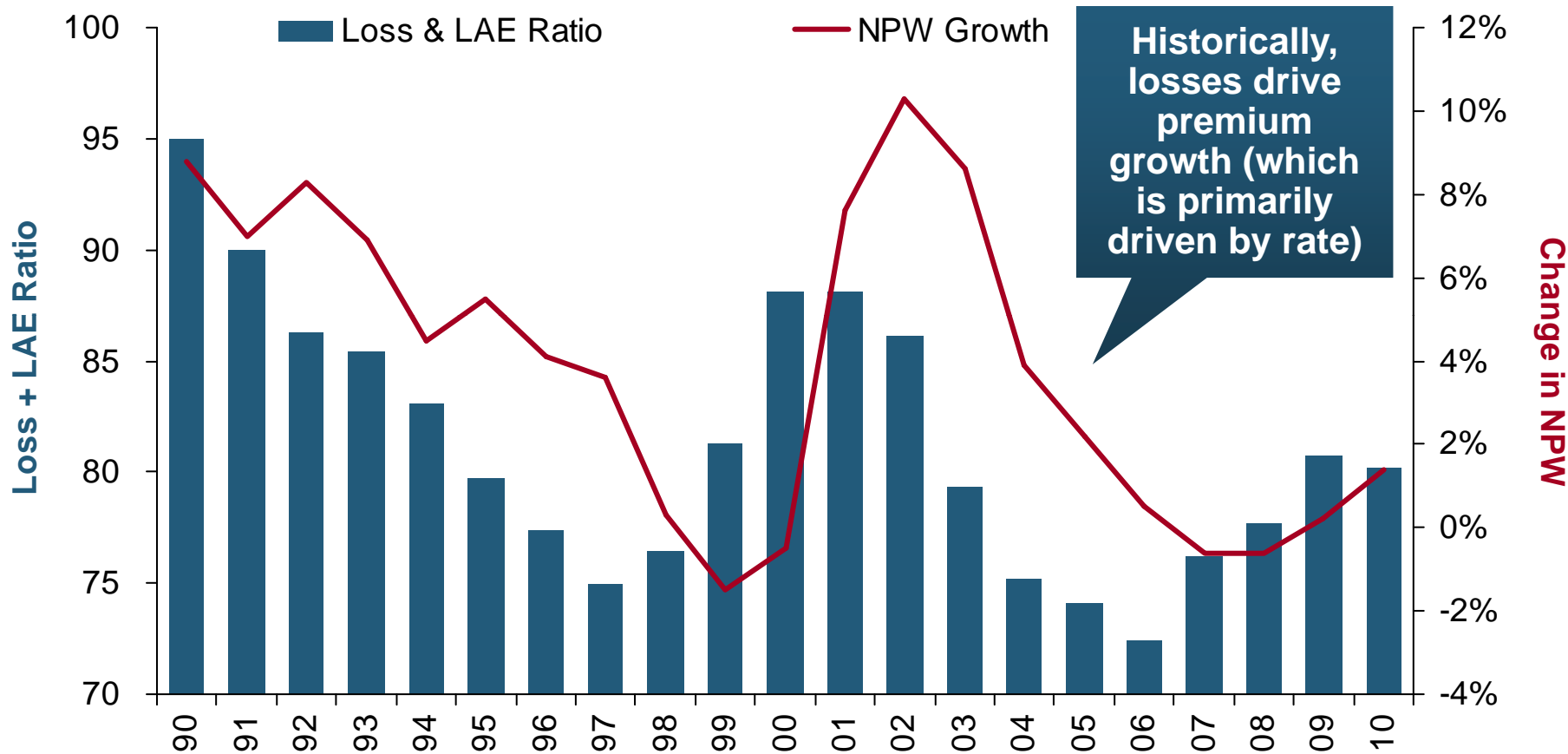


**Private Passenger Auto Accounts for 34% of Industry Premiums and Remains the Profit Juggernaut of the P/C Insurance Industry**

# Cycle Drivers

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

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

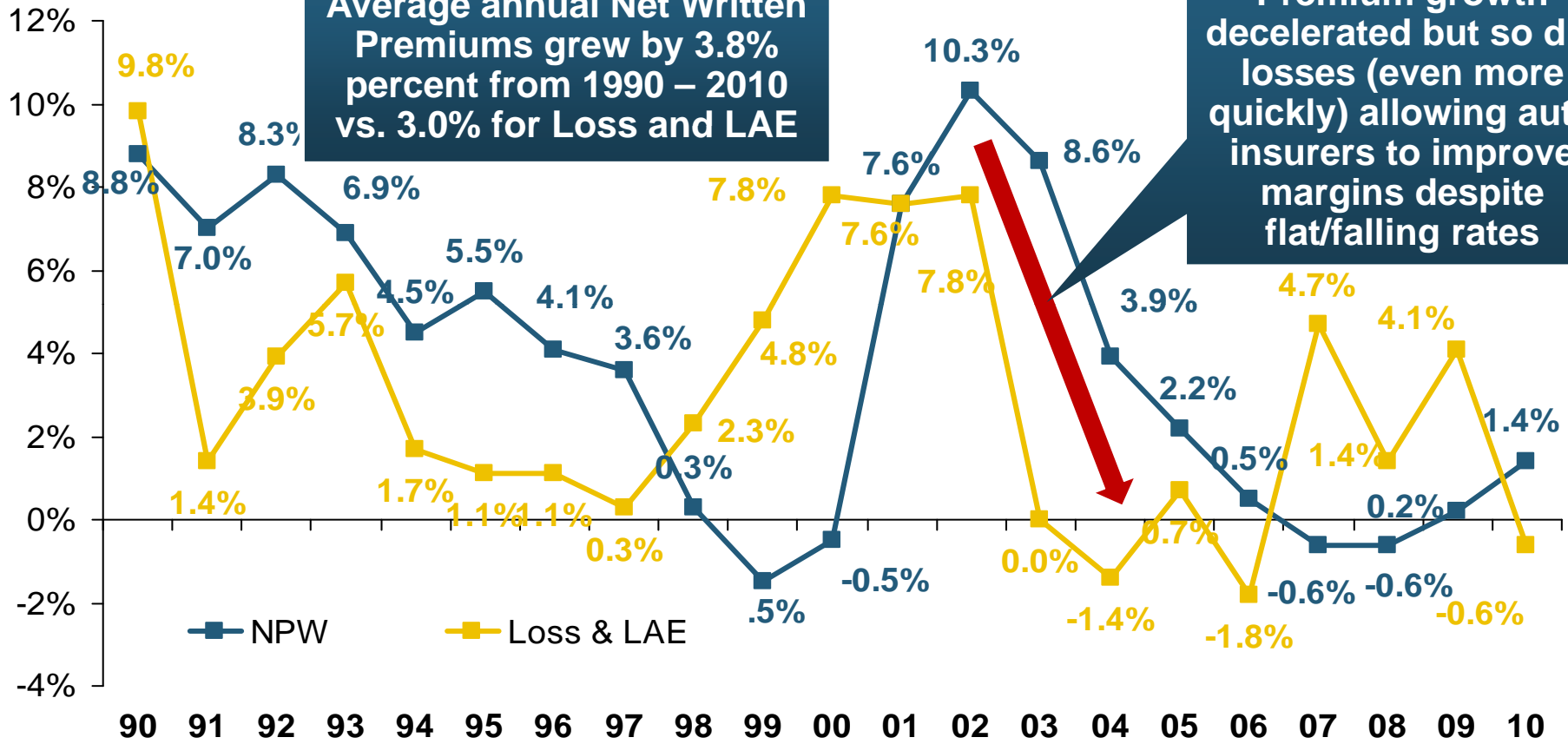


**While Premium Growth Decelerated, the Driver Was Primarily Lower Losses, Allowing Auto Insurers to Maintain String Margins**

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

**Average annual Net Written Premiums grew by 3.8% percent from 1990 – 2010 vs. 3.0% for Loss and LAE**

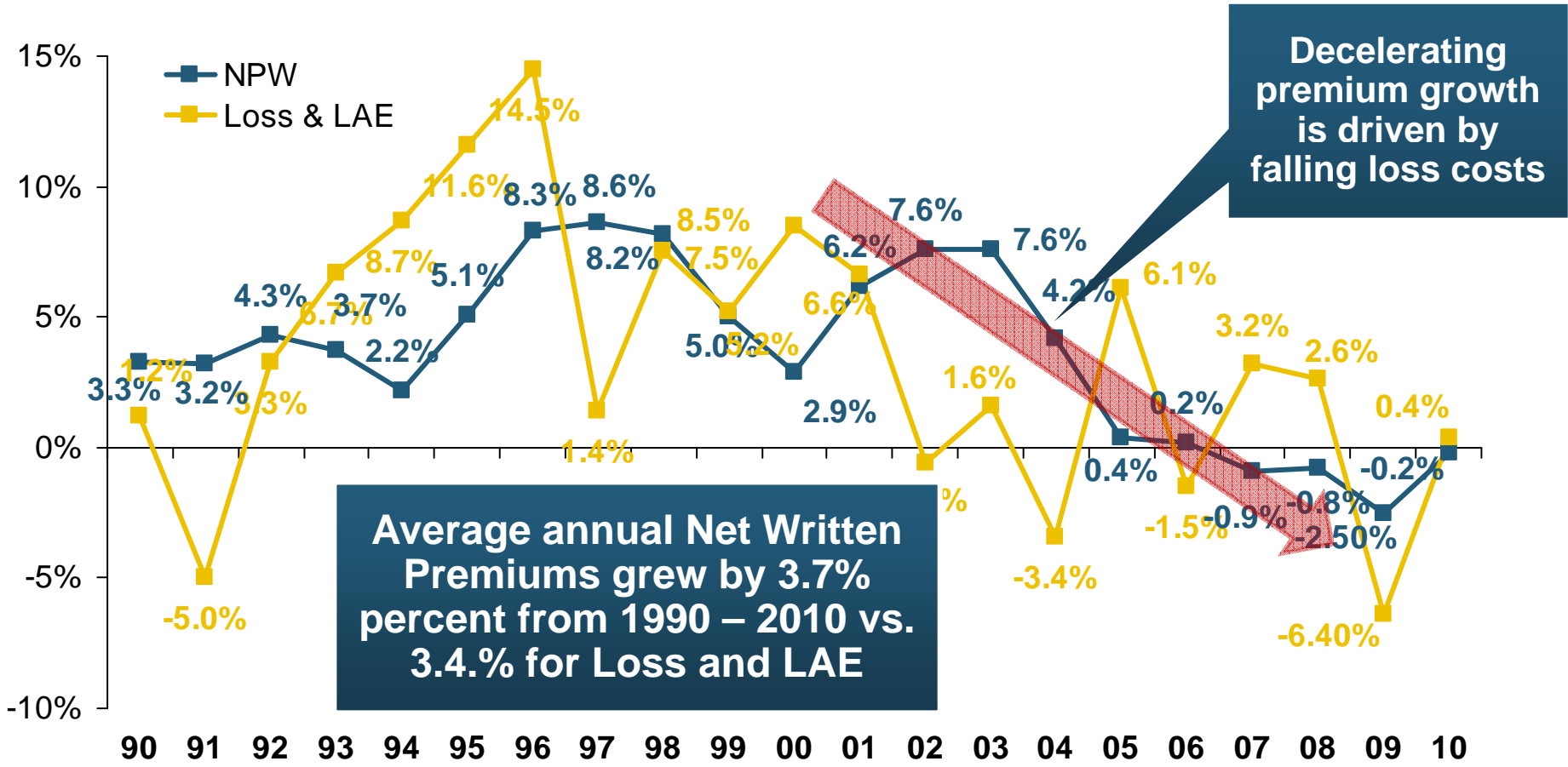
**Premium growth decelerated but so did losses (even more quickly) allowing auto insurers to improve margins despite flat/falling rates**



**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..

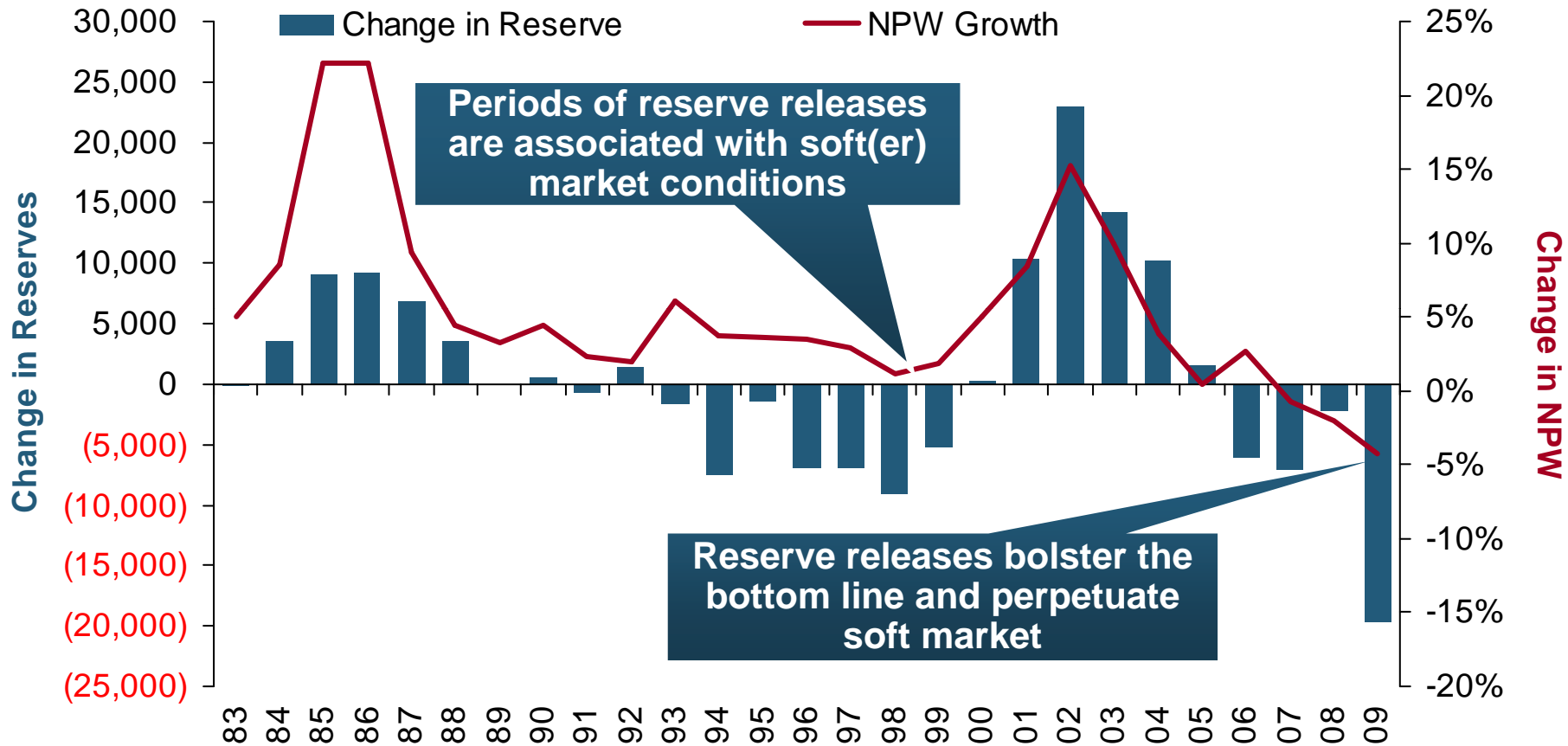
# PP Auto Physical Damage: Change in NPW vs. Change in Loss & LAE, 1990 - 2010



**Loss Trends Ultimately Drive Premium Trends**

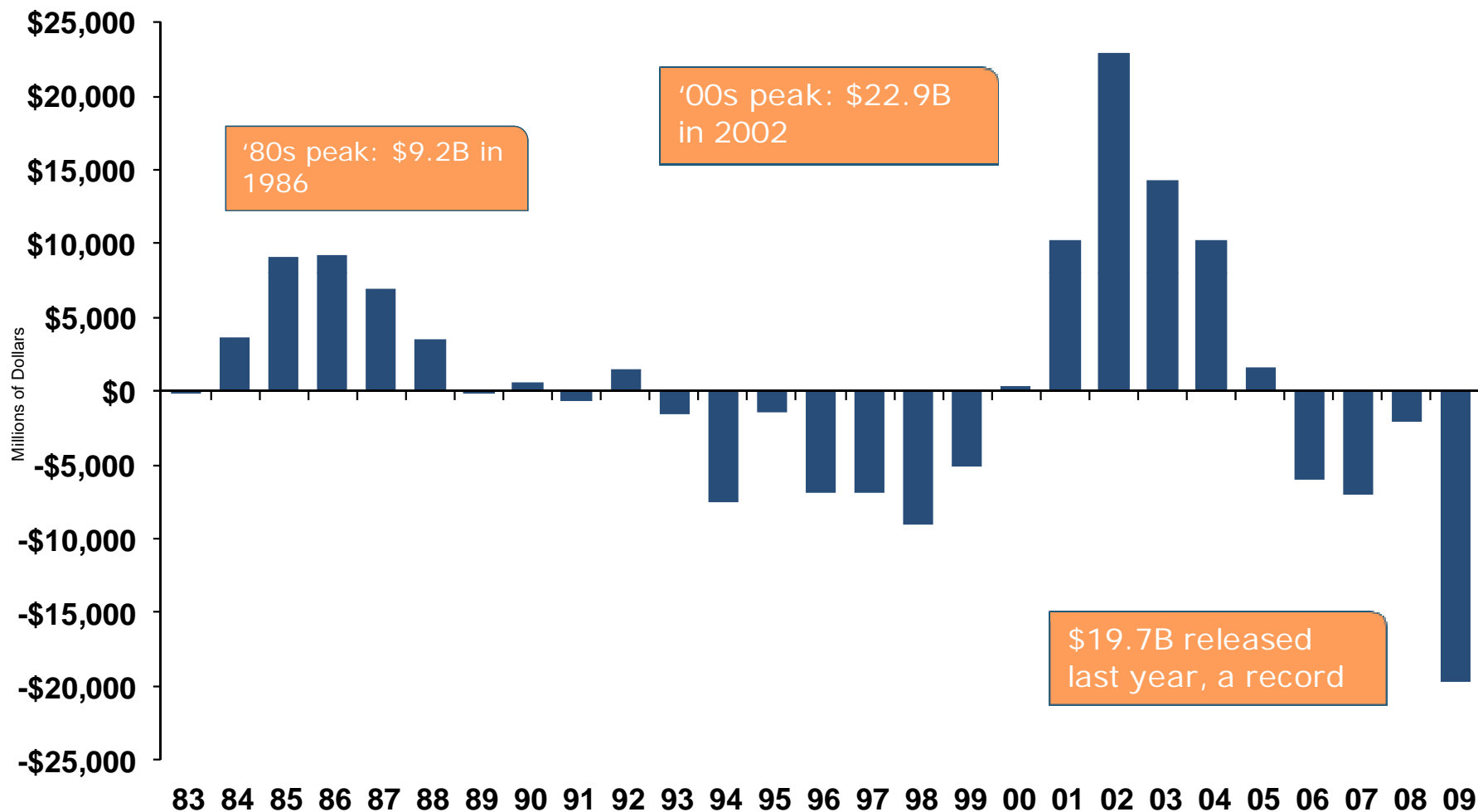
Sources: Insurance Information Institute calculations from A.M. Best data.

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

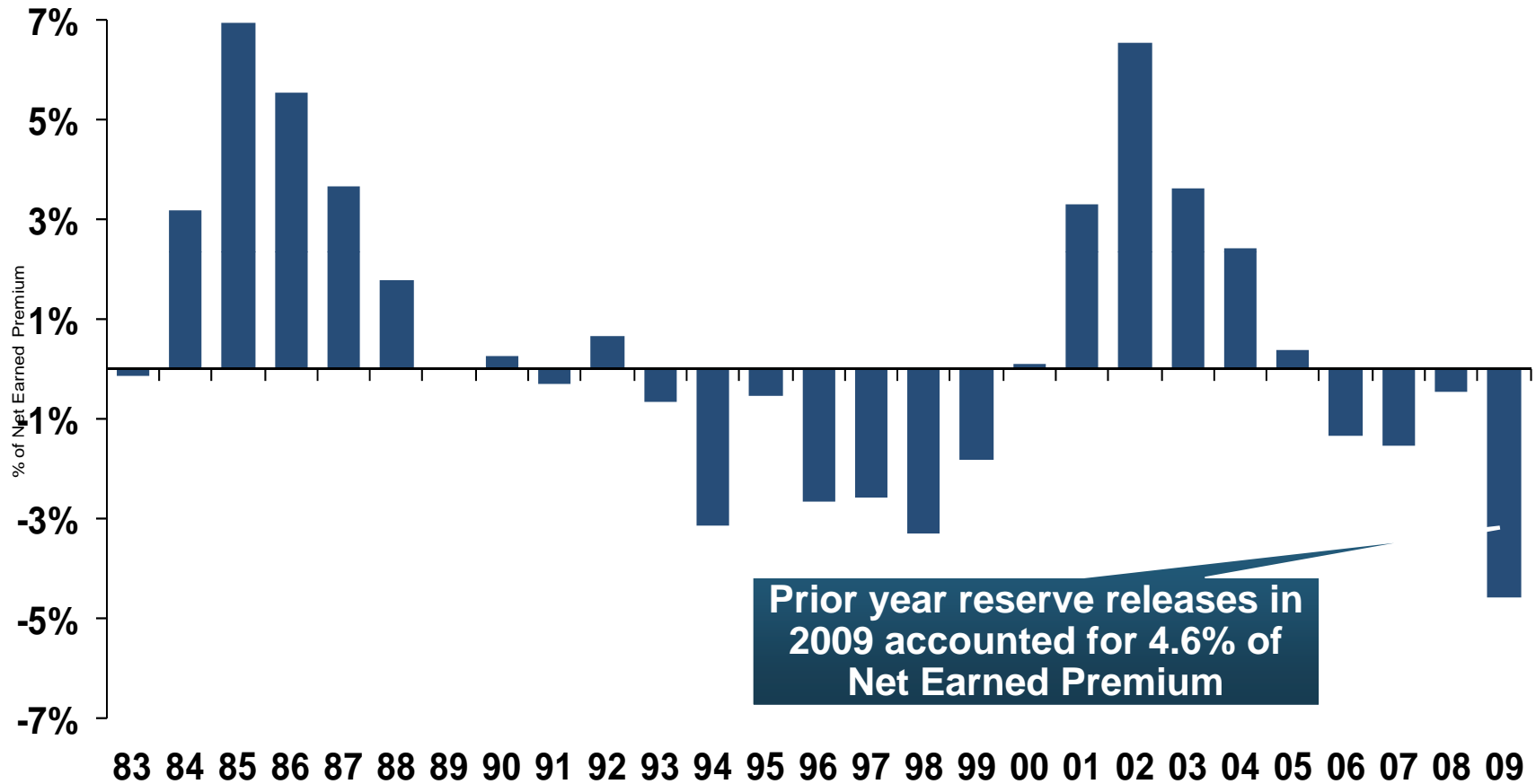


**Reserve Releases, in Addition to Losses, Drive Pricing Cycles**

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



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



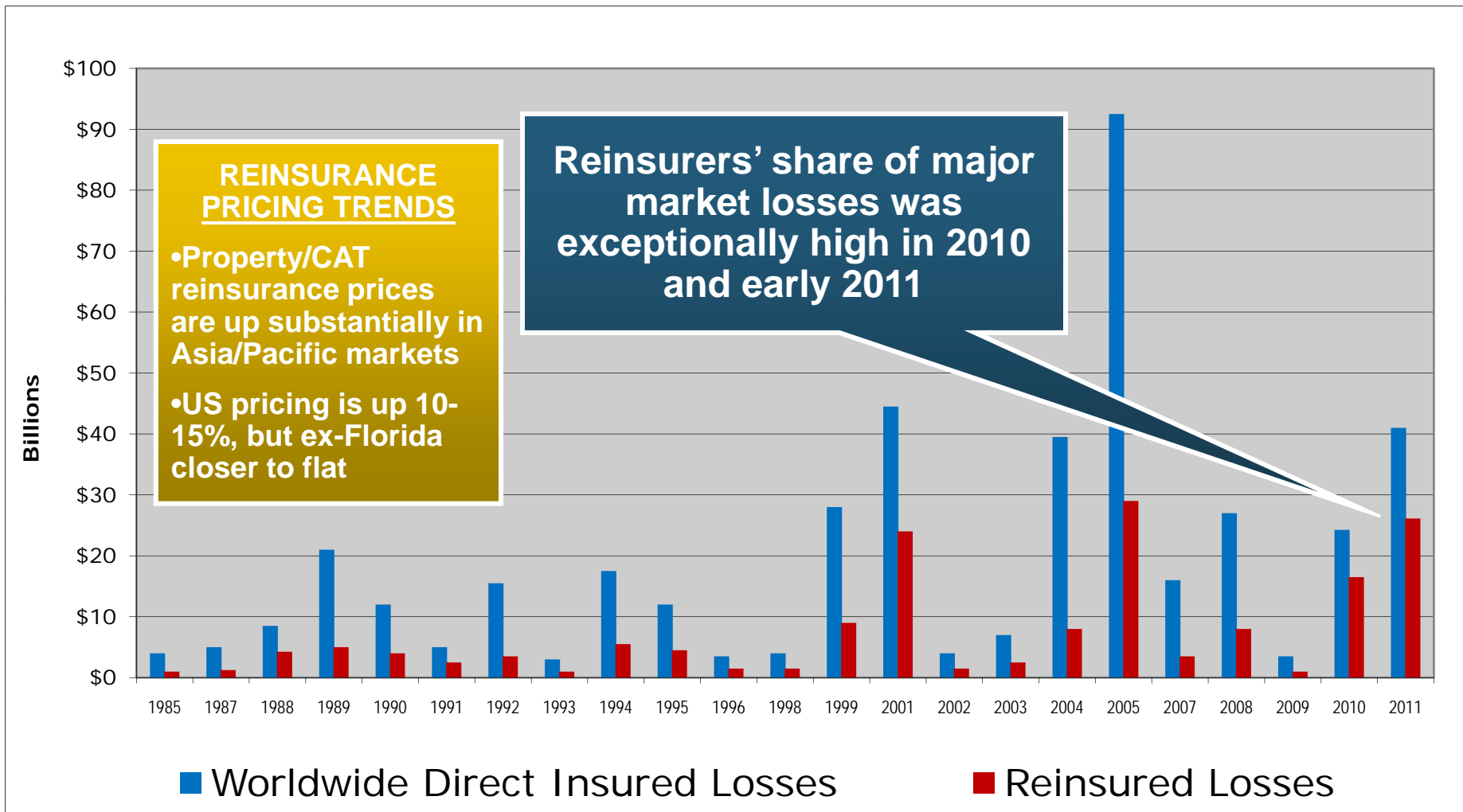
Sources: A.M. Best, Insurance Information Institute



# **REINSURANCE MARKET CONDITIONS**

**Record Global  
Catastrophes Activity is  
Pressuring Pricing**

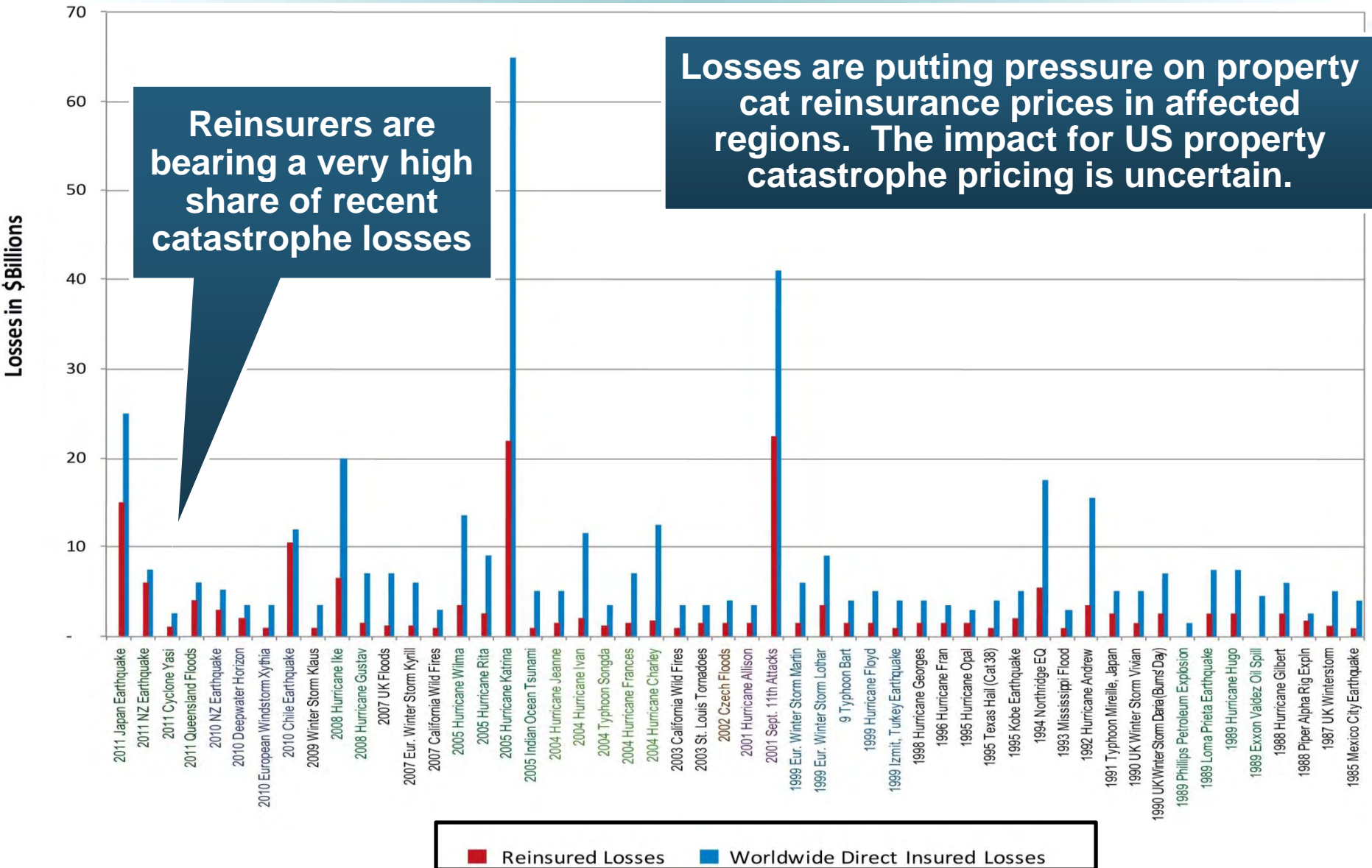
# Significant Market Losses, 1985-2011\*



Source: Holborn; RAA.

\* 2011 events are as of March 31 and are preliminary and may change as loss estimates are refined further.

# Significant Market Losses by Event, 1985-2011\*

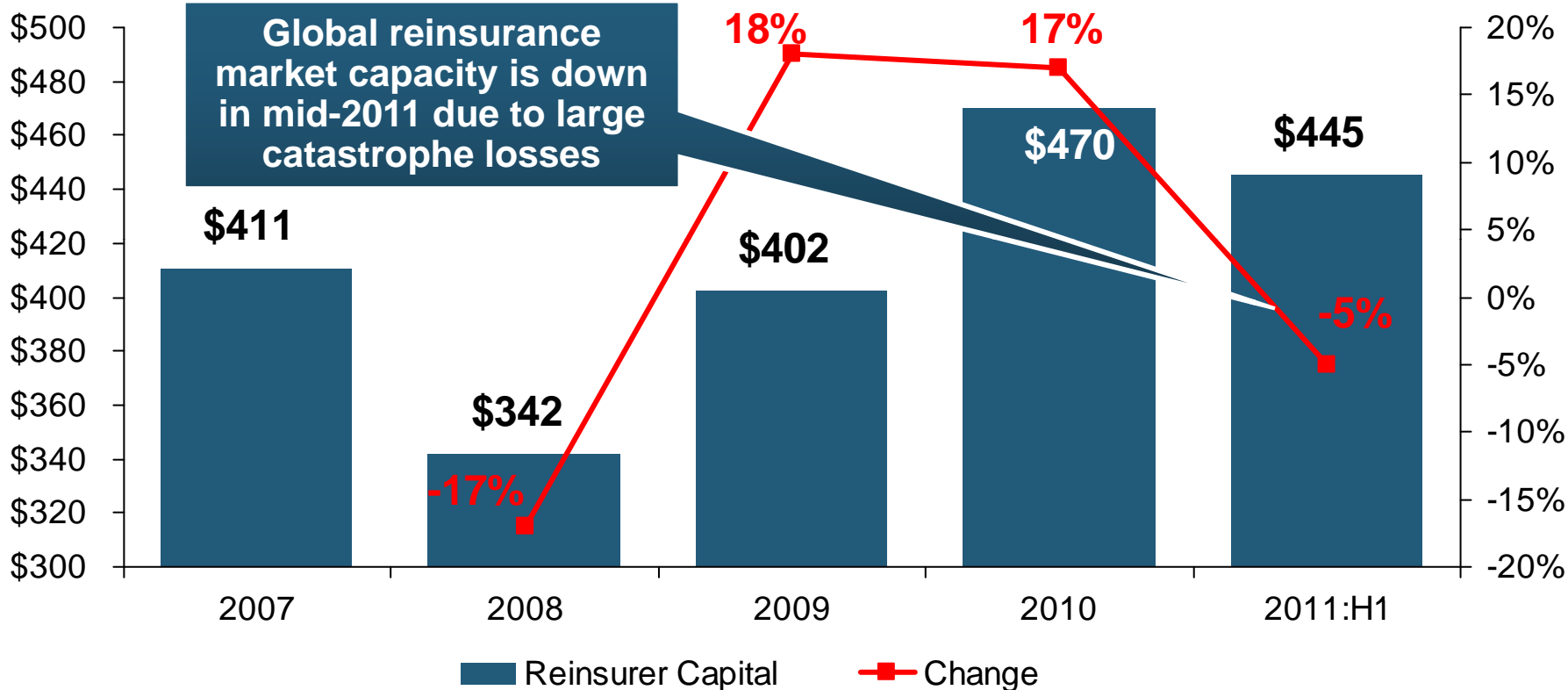


Source: Holborn, RAA. \*2011 events as of March 31 are preliminary and may change as loss estimates are refined further.

# Global Reinsurance Capital, 2007-2011:H1

## Reinsurer Capital

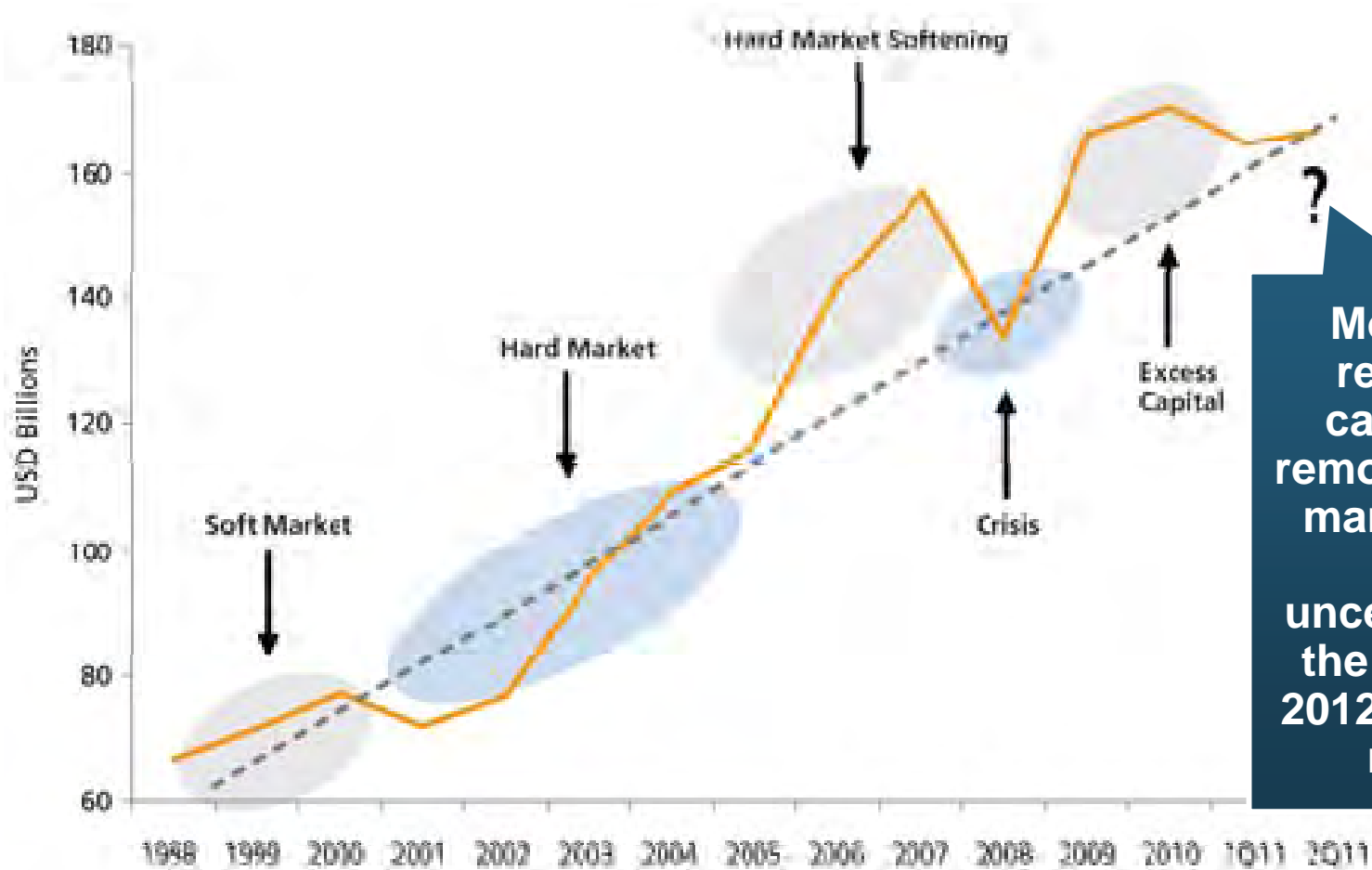
## % Change



**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.

# Historical Capital Levels of Guy Carpenter Reinsurance Composite, 1998—2Q11



**Most excess reinsurance capacity was removed from the market in 2011, leaving uncertainty as to the direction of 2012 reinsurance renewals**

# Global Property Catastrophe Rate on Line Index, 1990-2011 YTD (6/1/11)

A modest increase in global property catastrophe reinsurance pricing was evident in June 1 renewals in the wake of record global catastrophe losses. Larger increase could occur for the Jan.1, 2012 renewals



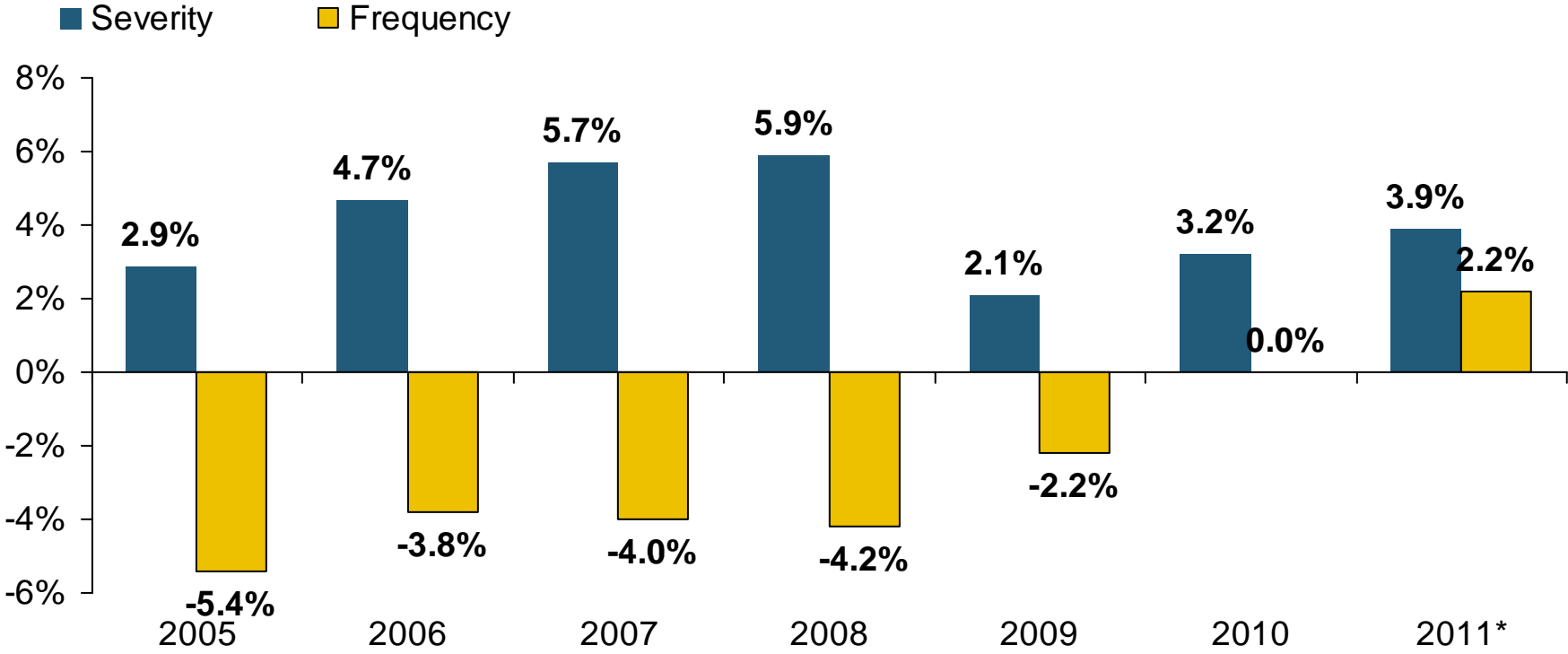


# Claim Trends in Auto Insurance

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

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

Annual Change, 2005 through 2011\*



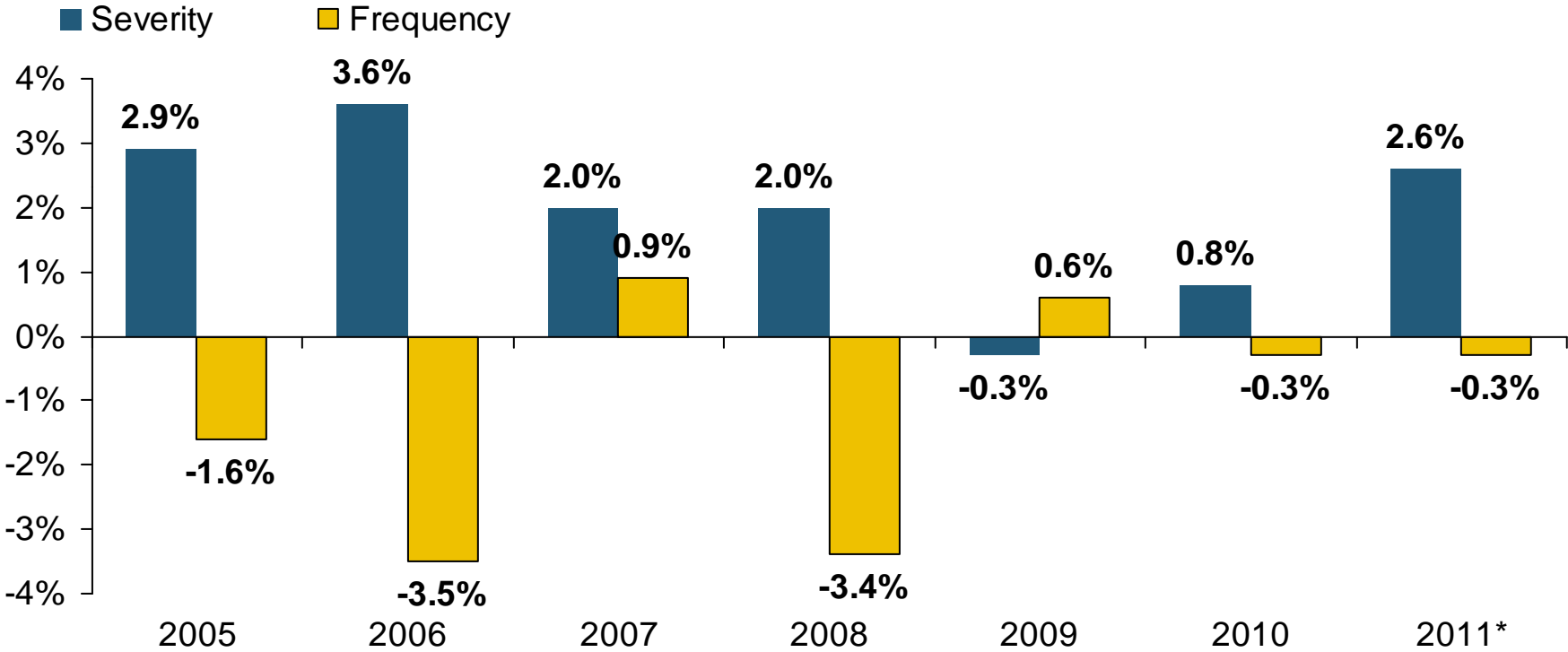
**Cost Pressures Will Increase if BI Severity Frequency Increases Continue**

\*For 2011, data are for the 4 quarters ending with 2011:Q2.  
 Source: ISO/PCI *Fast Track* data; Insurance Information Institute



# Property Damage Liability: Severity is Up, Frequency Nearly Flat Since 2009

Annual Change, 2005 through 2011\*

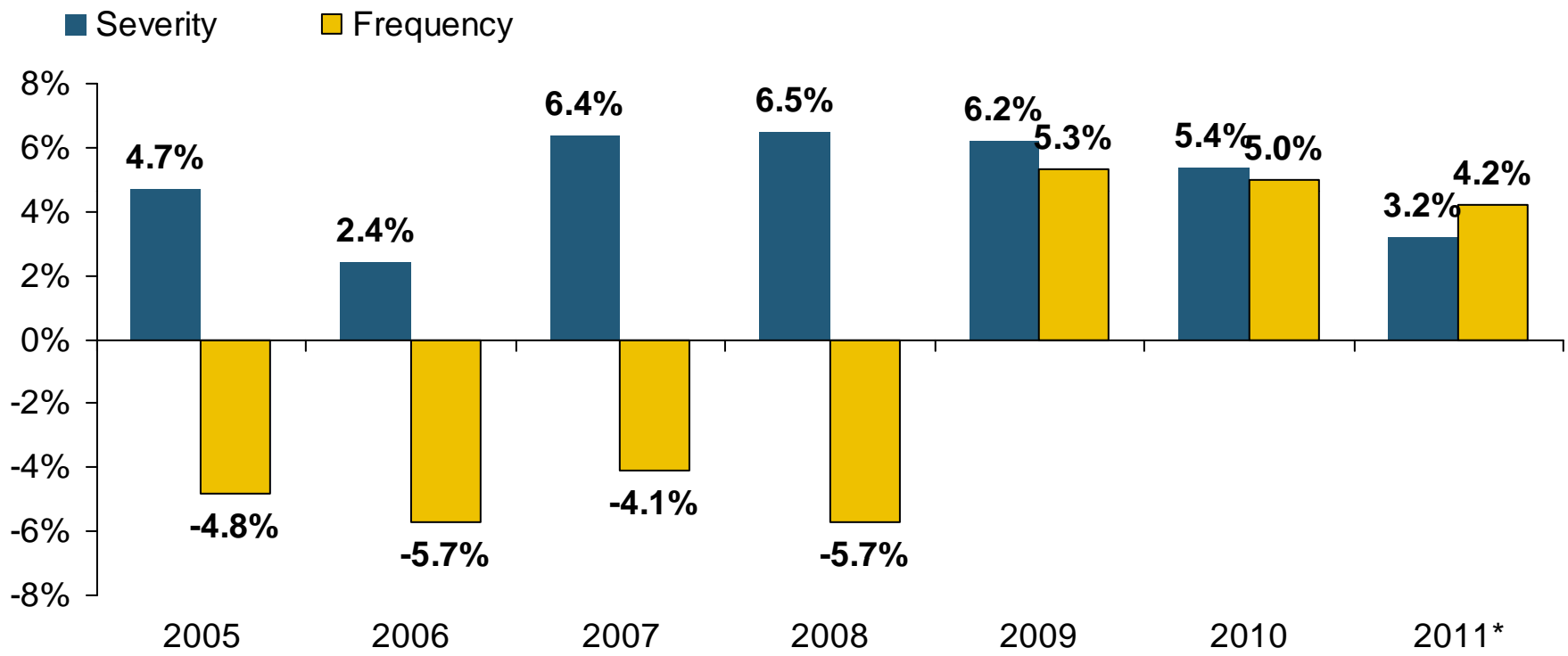


**Severity/Frequency Trends Were Stable Through 2010, But Rising Severity in 2011 Is a Concern**

\*For 2011, data are for the 4 quarters ending with 2011:Q2.  
Source: ISO/PCI *Fast Track* data; Insurance Information Institute

# No-Fault (PIP) Liability: Frequency and Severity Trends Are Adverse\*

Annual Change, 2005 through 2011\*



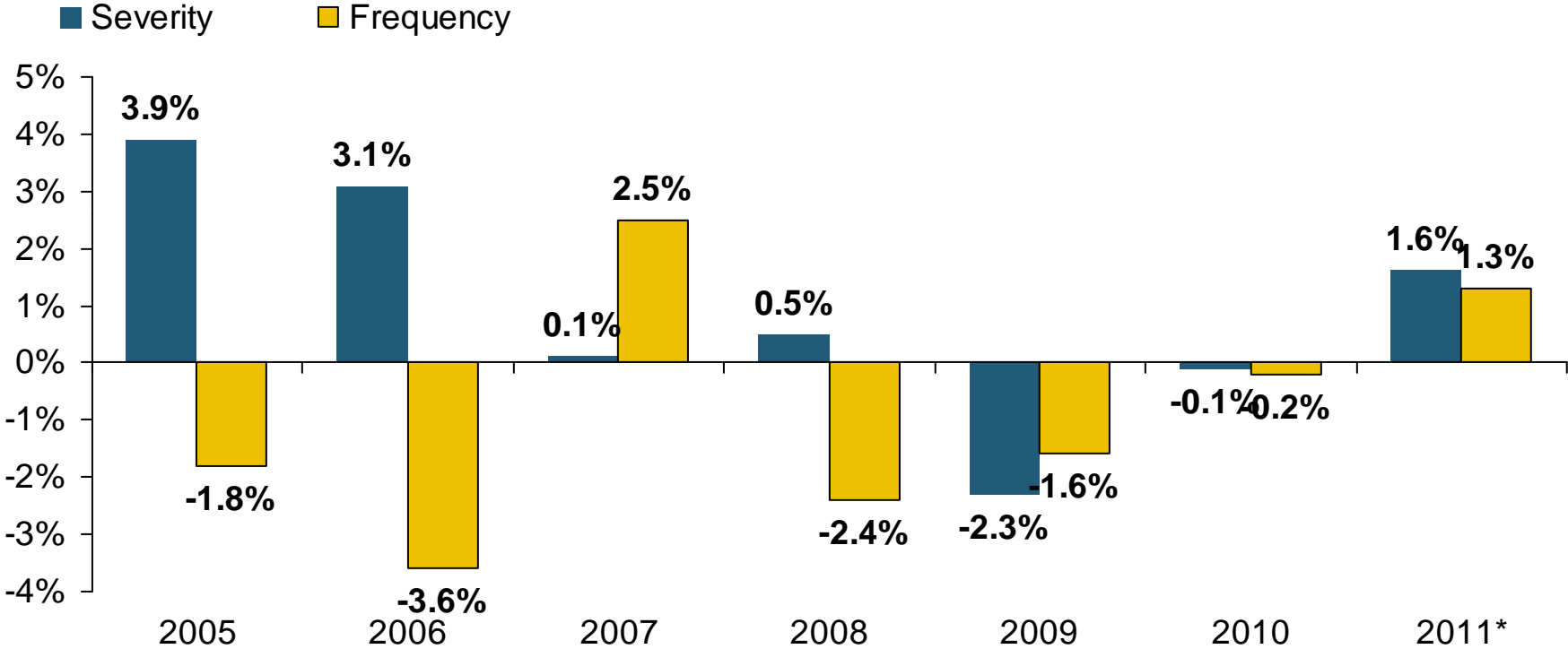
**Multiple States Are Experiencing Severe Fraud and Abuse Problems in their No-Fault Systems, Especially FL, MI, NY and NJ**

\*No-fault states included are: FL, HI, KS, KY, MA, MI, MN, NY, ND and UT; 2010 data are for the 4 quarters ending 2011:Q2.

Source: ISO/PCI *Fast Track* data; Insurance Information Institute

# Collision Coverage: Frequency and Severity Trends Have Been Favorable

Annual Change, 2005 through 2011\*

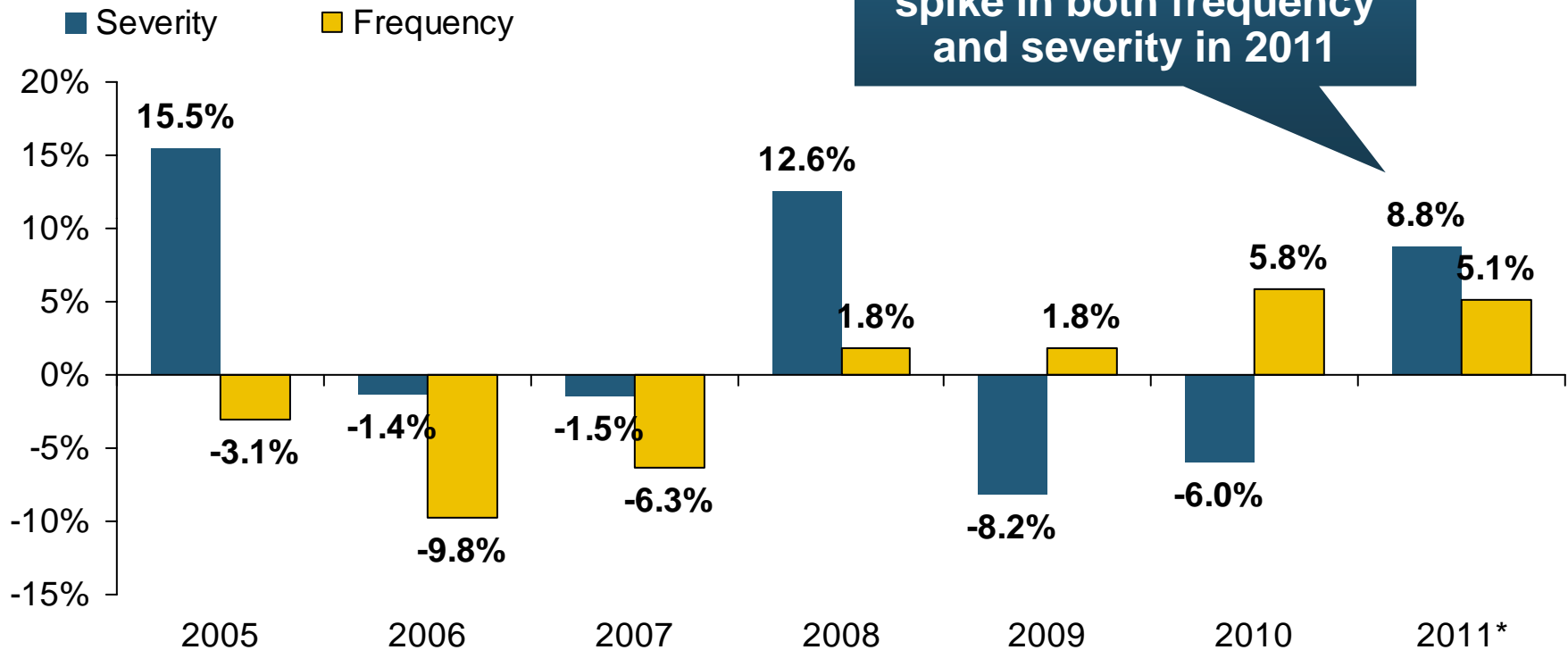


**The Recession, High Fuel Prices Have Helped Temper Frequency and Severity, But this Trend Will Likely Be Reversed Based on Evidence from Past Recoveries**

\*For 2011, data are for the 4 quarters ending with 2011:Q2.  
 Source: ISO/PCI *Fast Track* data; Insurance Information Institute

# Comprehensive Coverage: Frequency and Severity Trend in 2011 is Unfavorable

Annual Change, 2005 through 2011\*

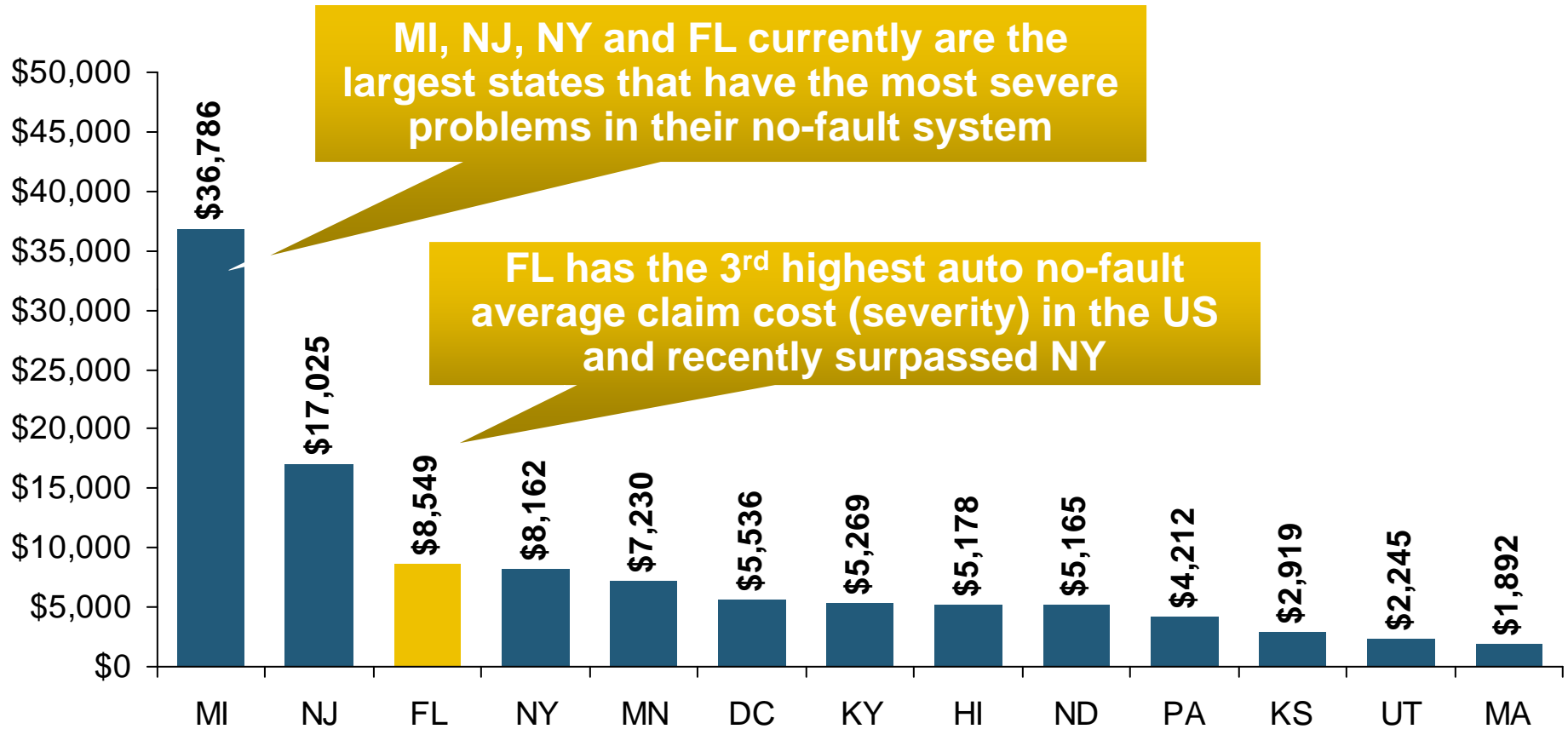


**Weather Creates Volatility for Comprehensive Coverage; Recession Has Helped Push Down Frequency and Temper Severity, But This Factors Will Weaken as Economy Recovers**

\*For 2011, data are for the 4 quarters ending with 2011:Q2.

Source: ISO/PCI *Fast Track* data; Insurance Information Institute

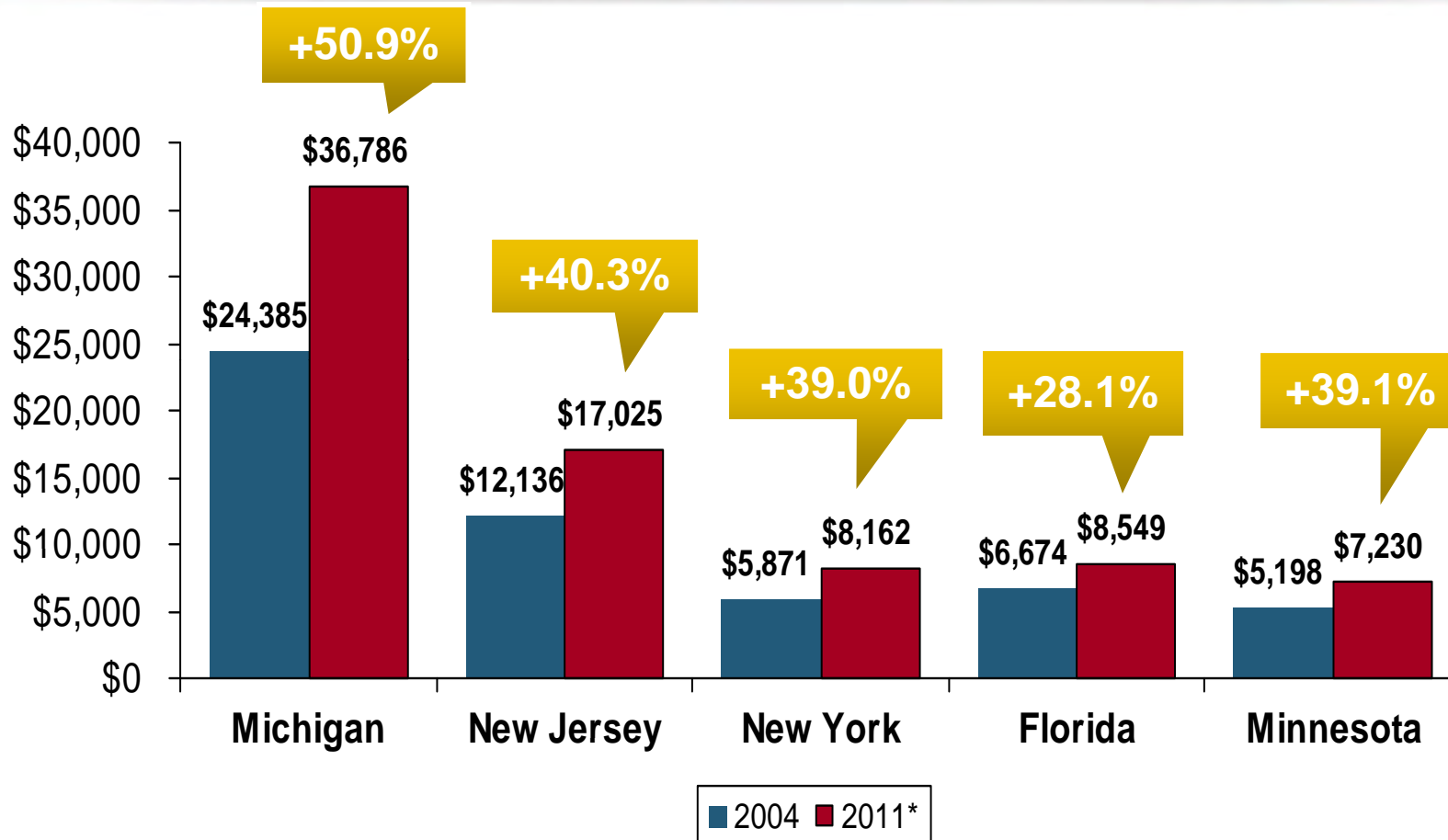
# Average No-Fault Claim Severity, 2011:Q2\*



**Several States Including FL 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:Q2.  
Source: ISO/PCI *Fast Track* data; Insurance Information Institute.

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

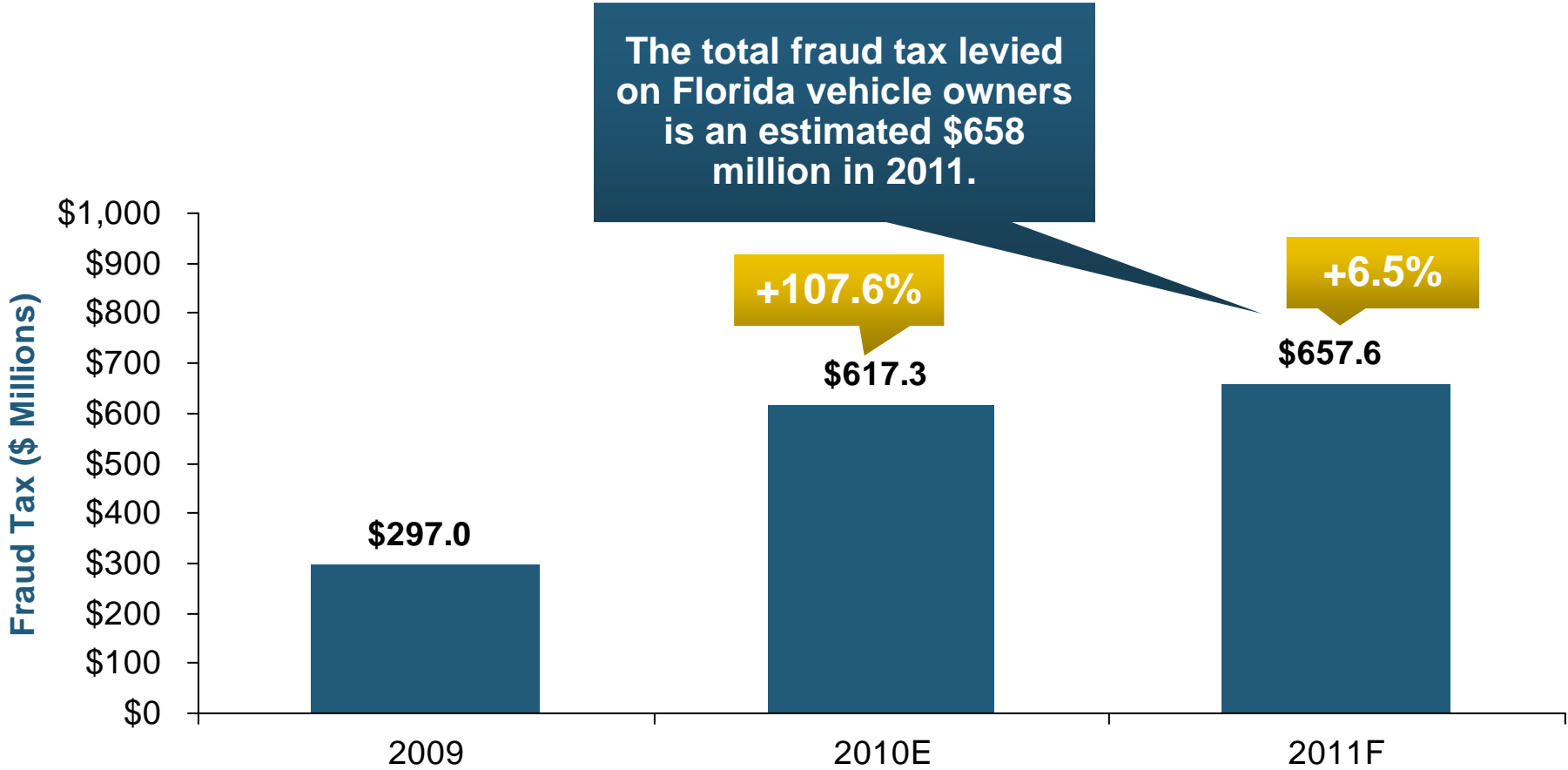


**The no-fault systems in MI, NJ, NY, FL, and MN are under stress due to rising fraud and abuse, which leads to higher premiums for honest drivers.**

\*2011 figures are for the 4 quarters ending 2011:Q2.

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

# 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**

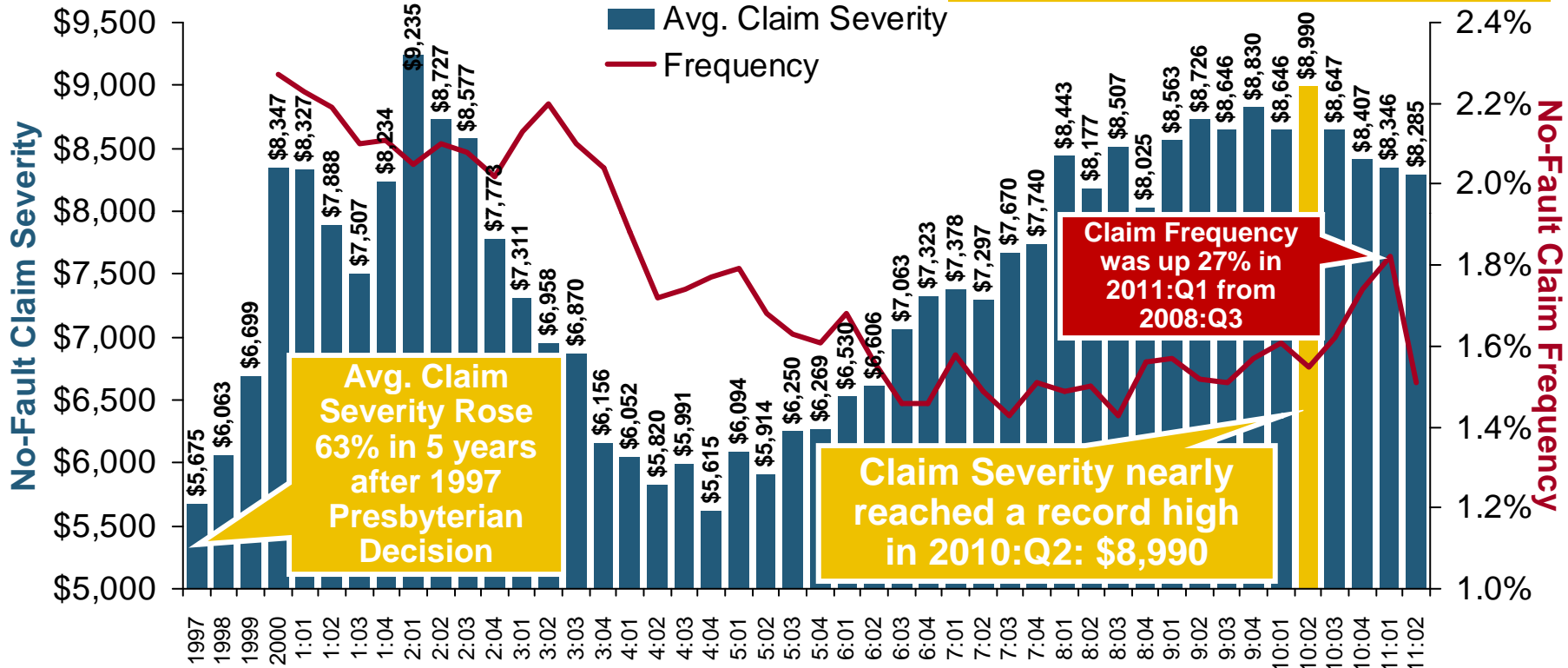
\*2011 estimate is based on data through Q2:2011.

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

# New York State No-Fault Claim Frequency and Severity, 1997–2011:Q2

## No-Fault Claim Severity

**Avg. Claim Severity is up 48% since 2004:Q4 though 2011:Q2**



**Avg. Claim Severity Rose 63% in 5 years after 1997 Presbyterian Decision**

**Claim Frequency was up 27% in 2011:Q1 from 2008:Q3**

**Claim Severity nearly reached a record high in 2010:Q2: \$8,990**

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

\*2011 figure is based on data for the 4 quarters ending Q2:2011, adjusted by I.I.I. for 2011:Q1 data anomaly.

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

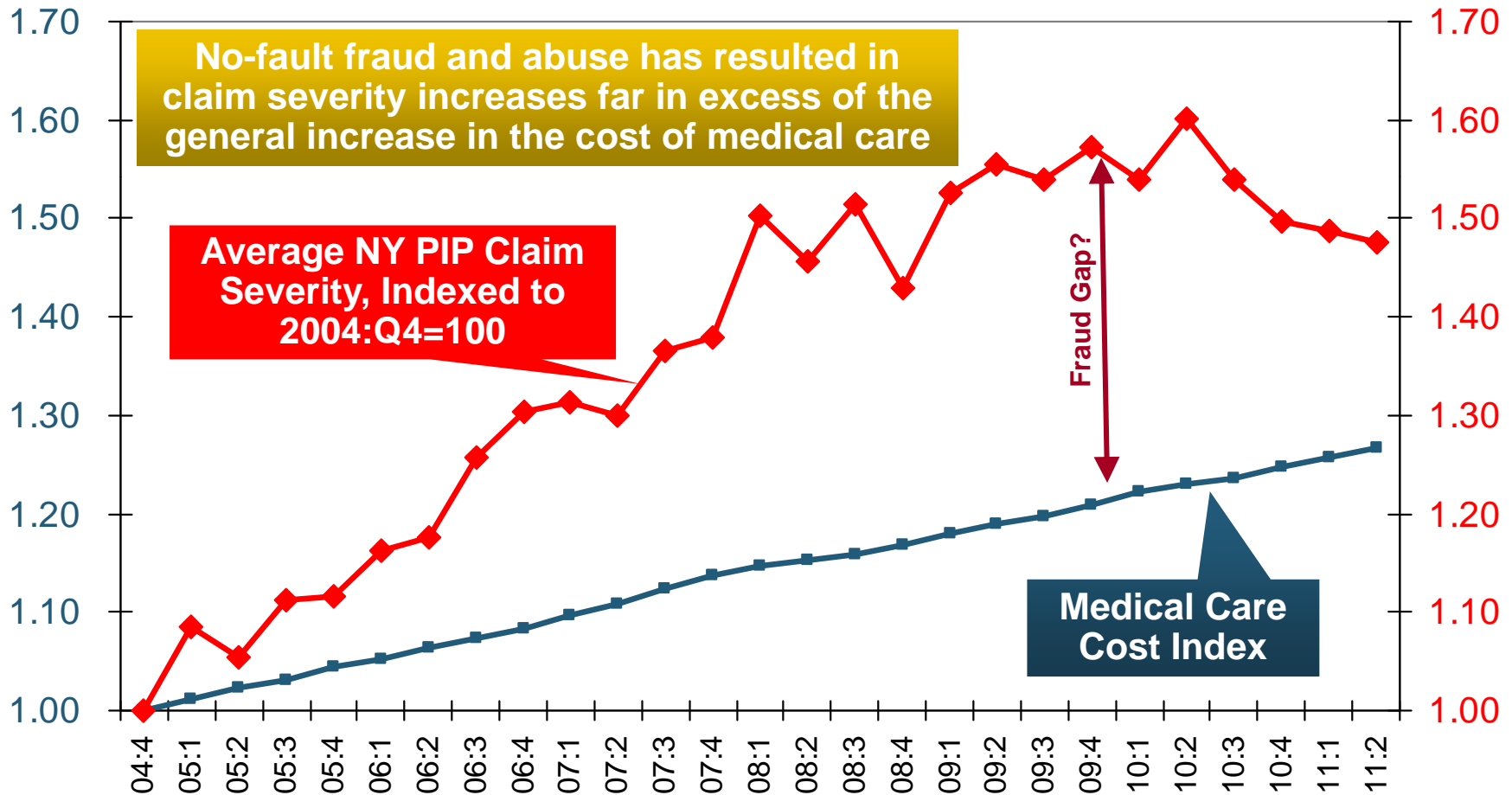


# New York's No-Fault Fraud Problem, Paid Claims Severity\*\*

Medical Care Cost Index

—■ US city medical care index\* —◆ NY PIP Avg claim severity

NY PIP Severity Index



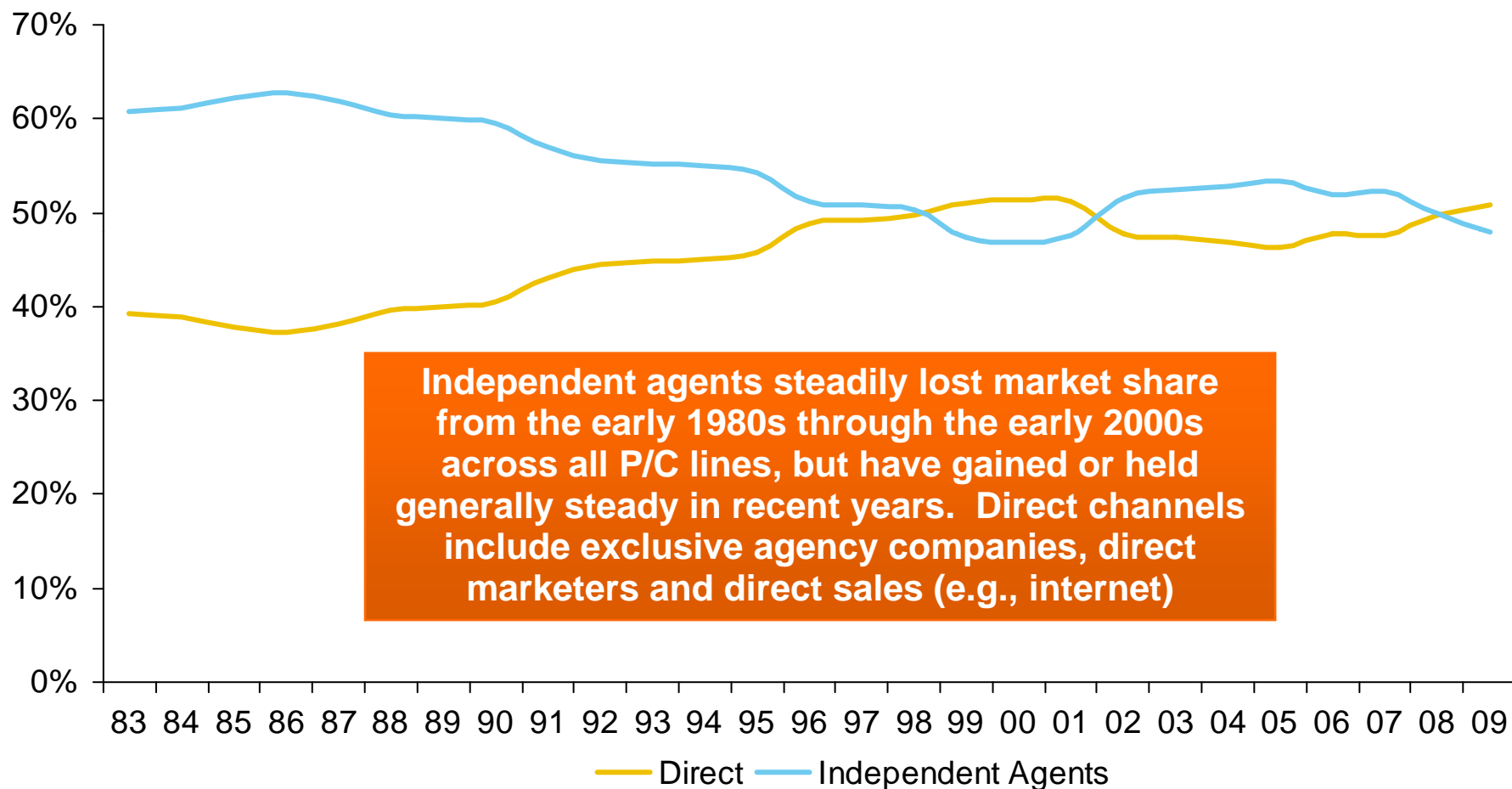
\*Middle month of quarter \*\*For the four quarters ending in quarter indicated

Sources: Insurance Information Institute calculations based on ISO/PCI *Fast Track* Data and BLS Medical Care CPI

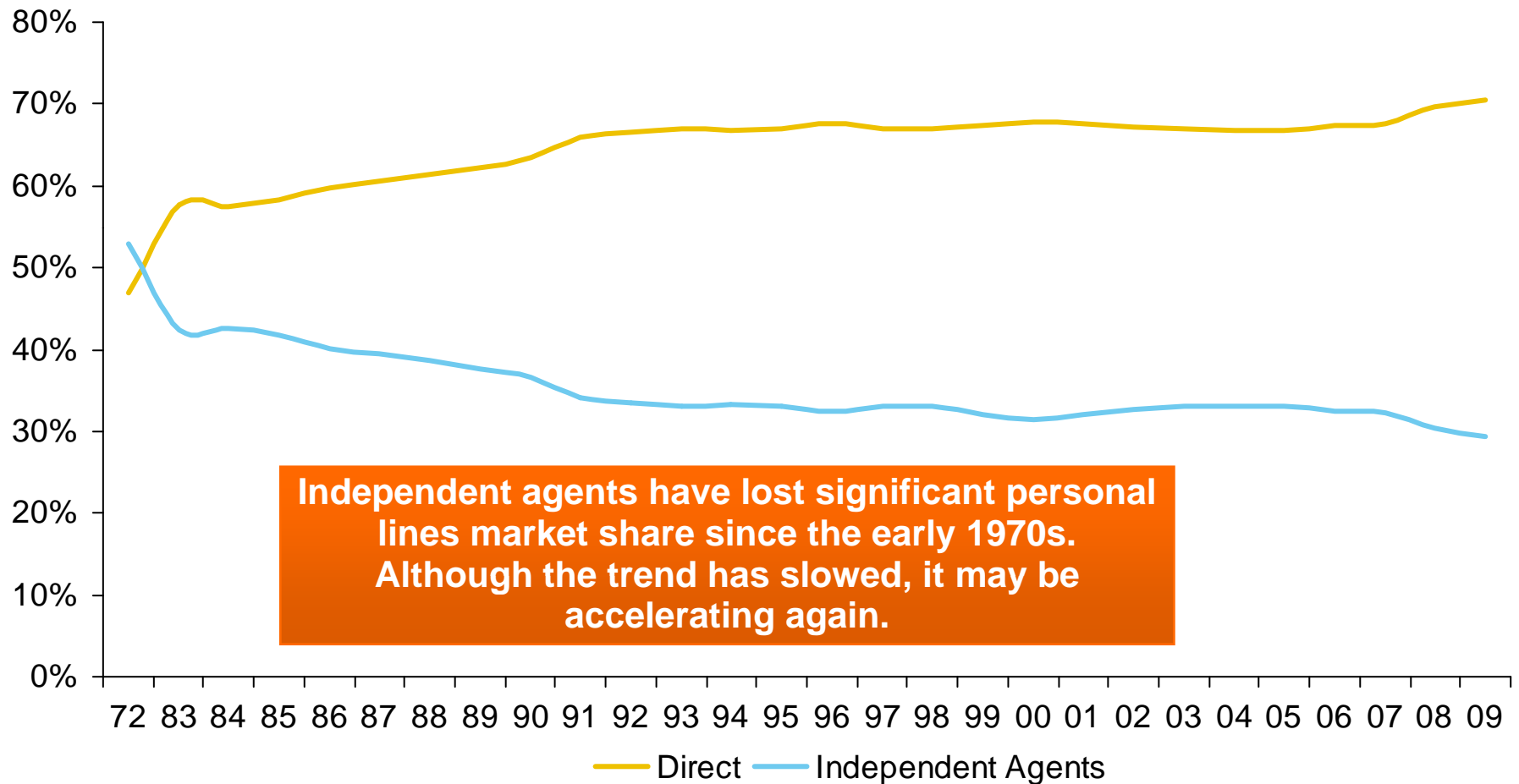
# Distribution Trends

## Distribution by Channel Type Continues to Evolve

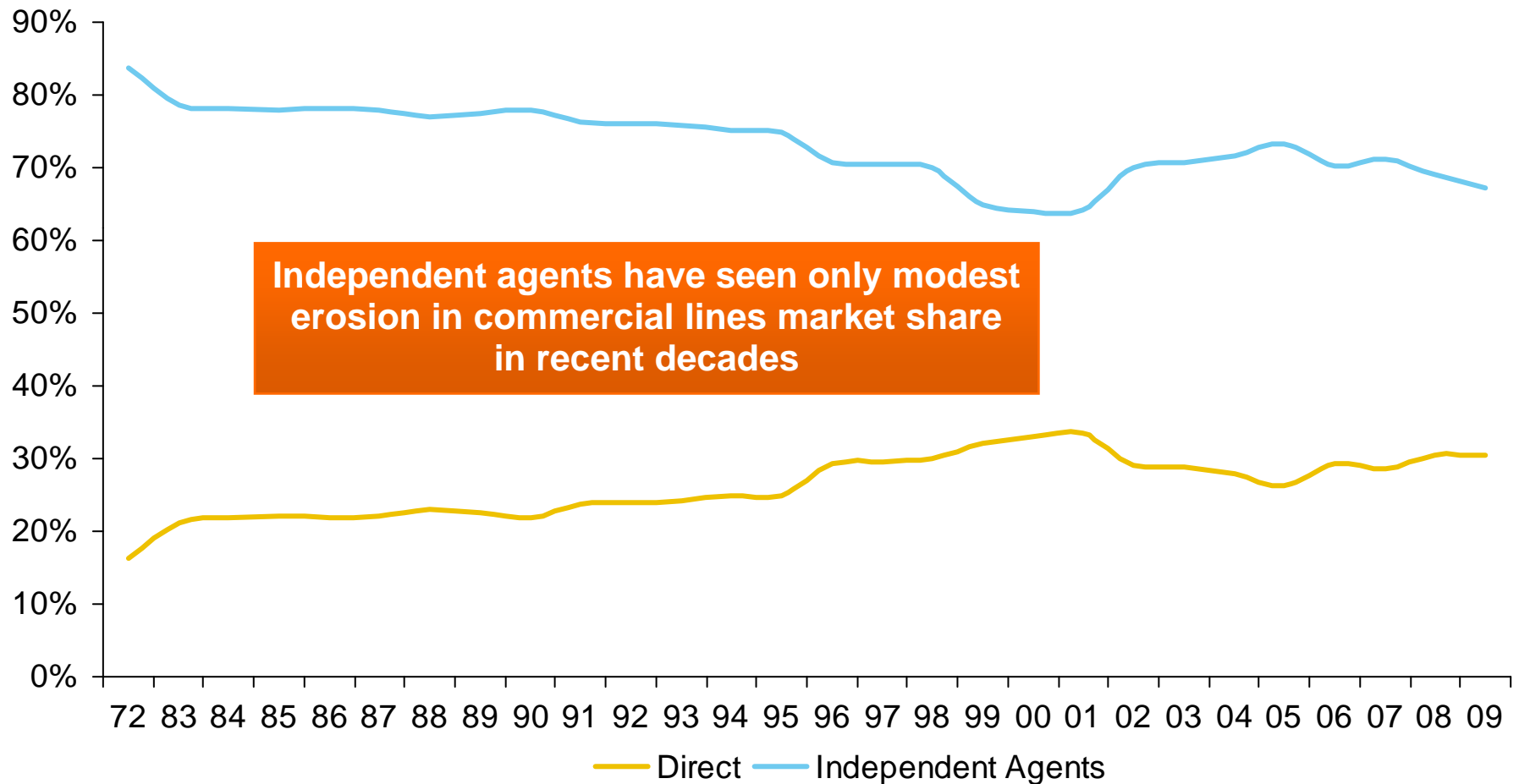
# All P/C Lines Distribution Channels, Direct vs. Independent Agents



# Personal Lines Distribution Channels, Direct vs. Independent Agents



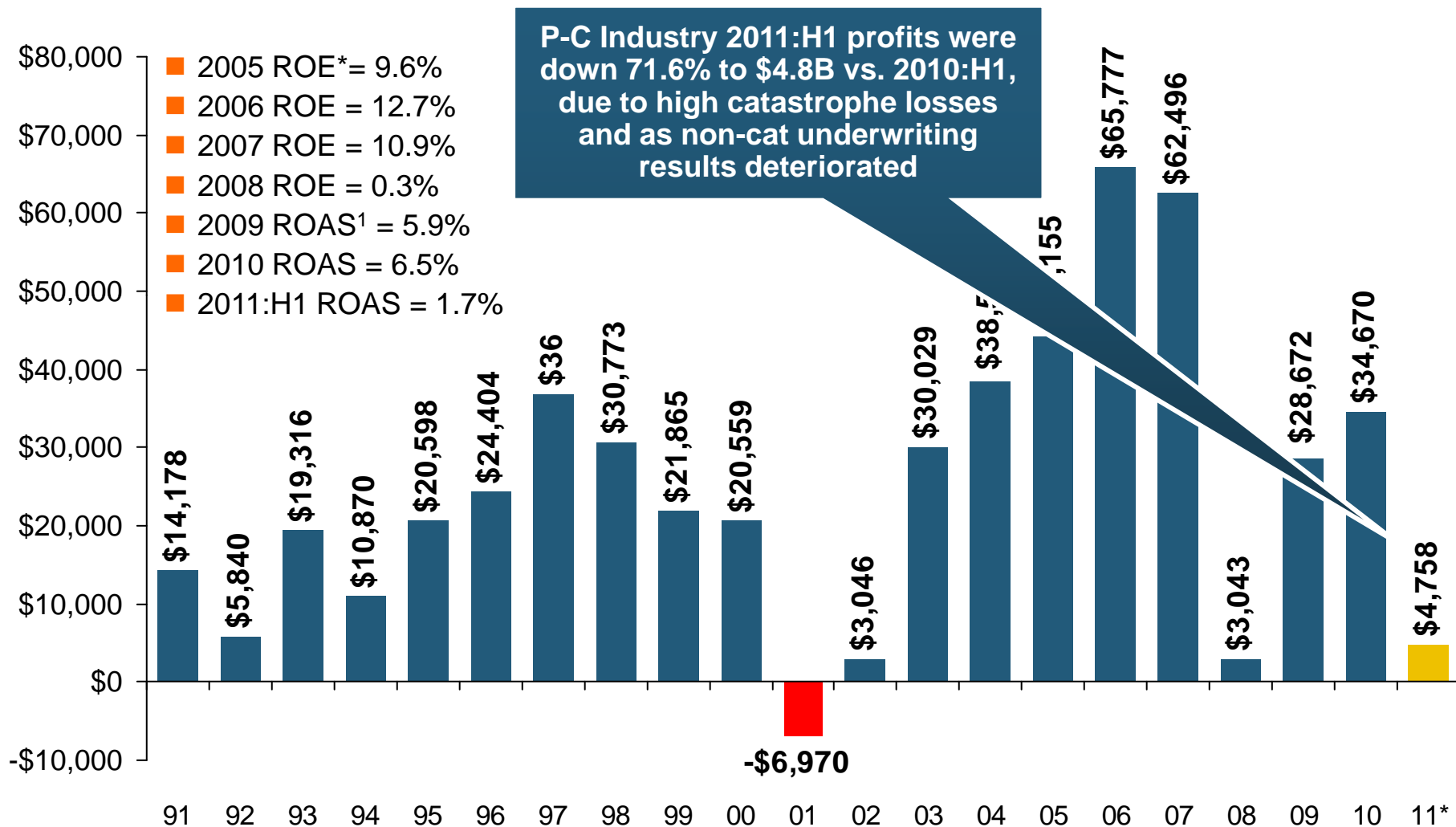
# Commercial P/C Distribution Channels, Direct vs. Independent Agents



# **P/C Insurance Industry Financial Overview**

**Profit Recovery Will Be Set  
Back by High CATs, Low  
Interest Rates, Diminishing  
Reserve Releases**

# P/C Net Income After Taxes 1991–2011:H1 (\$ Millions)

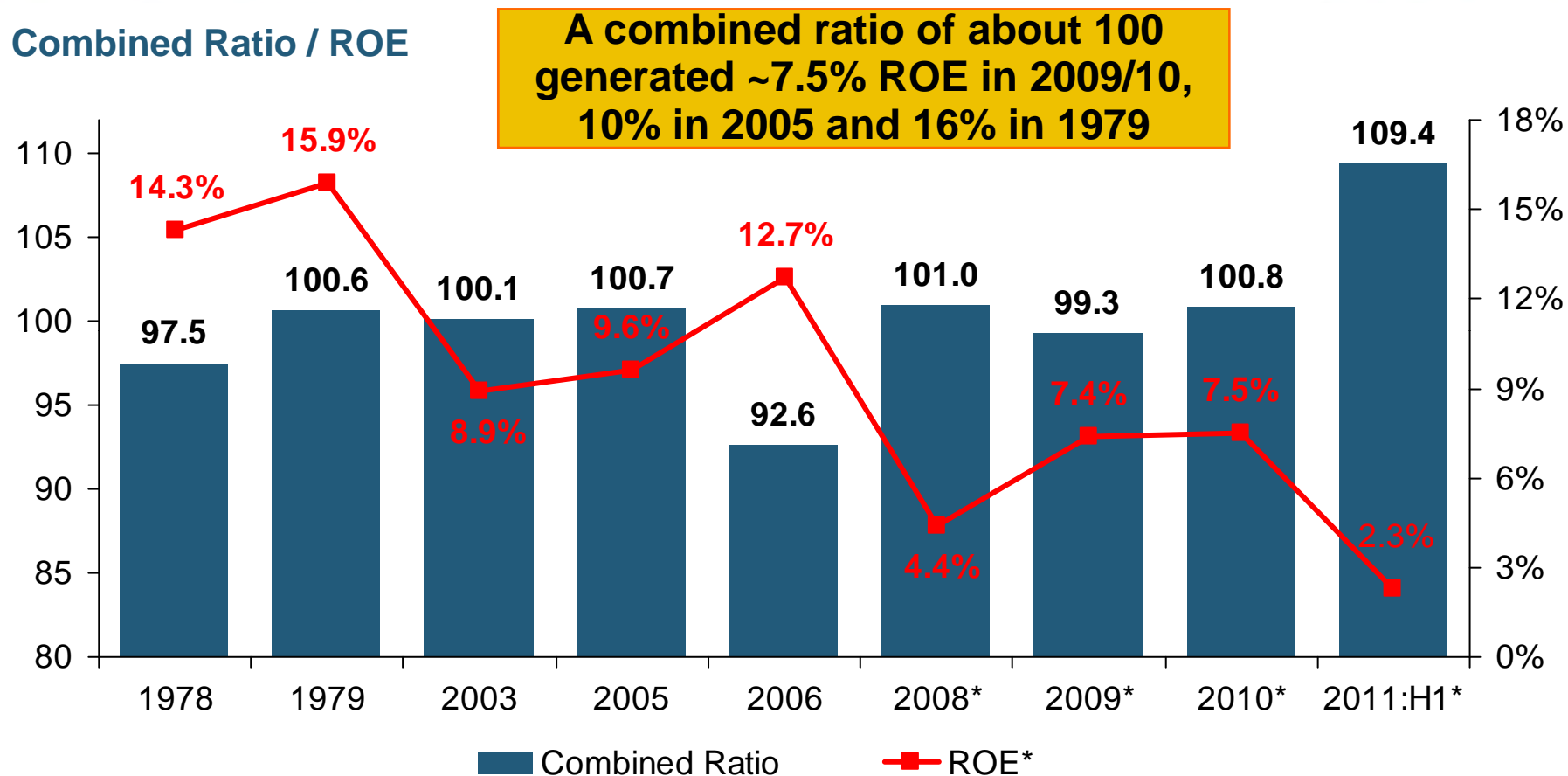


\* ROE figures are GAAP; <sup>1</sup>Return on avg. surplus. Excluding Mortgage & Financial Guaranty insurers yields a 2.3% ROAS for 2011:H1, 7.5% for 2010 and 7.4% for 2009.

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

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

## Combined Ratio / ROE



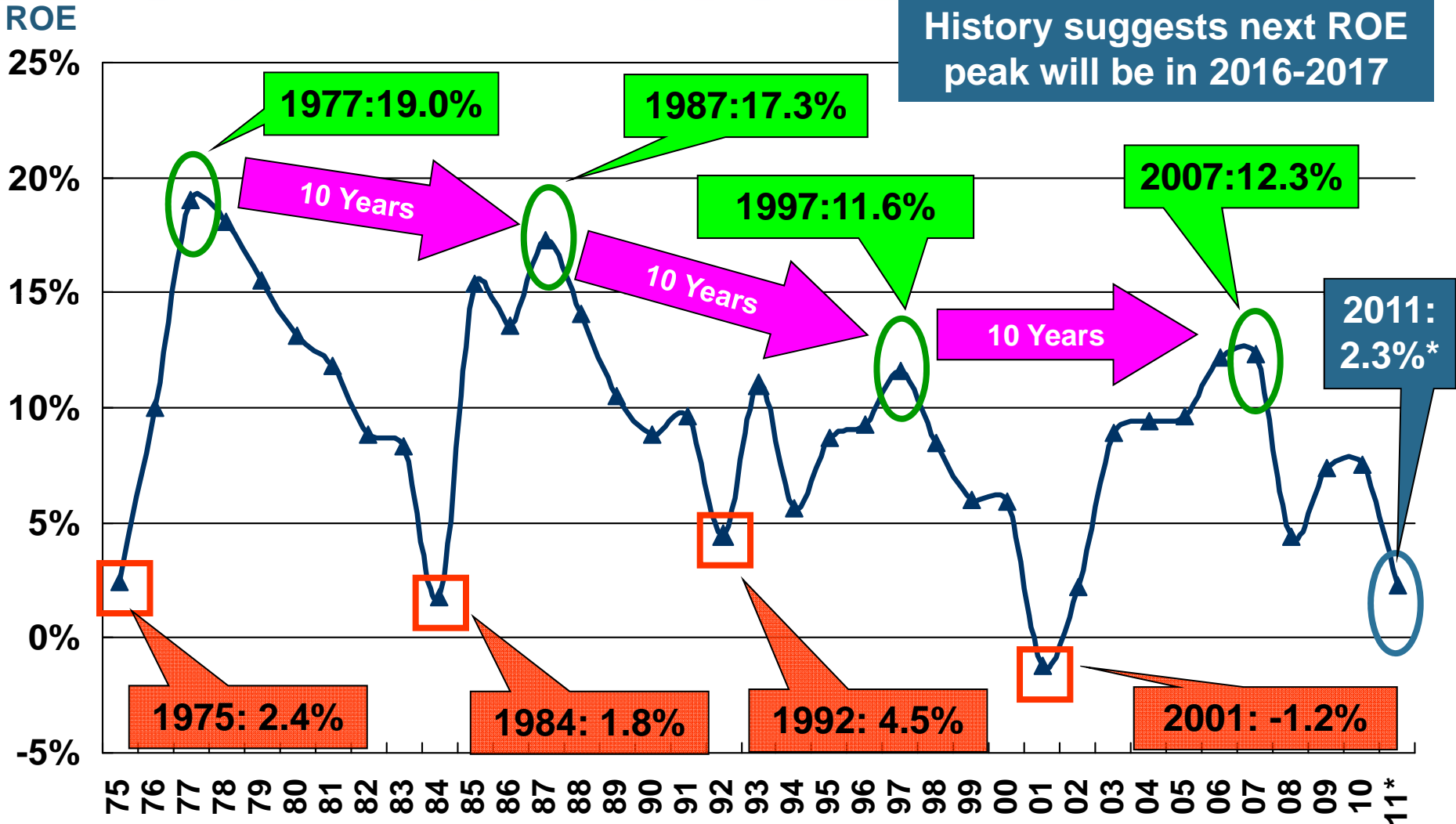
**Combined Ratios Must Be Lower in Today's Depressed Investment Environment to Generate Risk Appropriate ROEs**

\* 2009 and 2010 figures are return on average statutory surplus. 2008 -2011 figures exclude mortgage and financial guaranty insurers. 2011H1 combined ratio including M&FG insurers is 110.5 , ROAS = 2.3%.

Source: Insurance Information Institute from A.M. Best and ISO data.



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

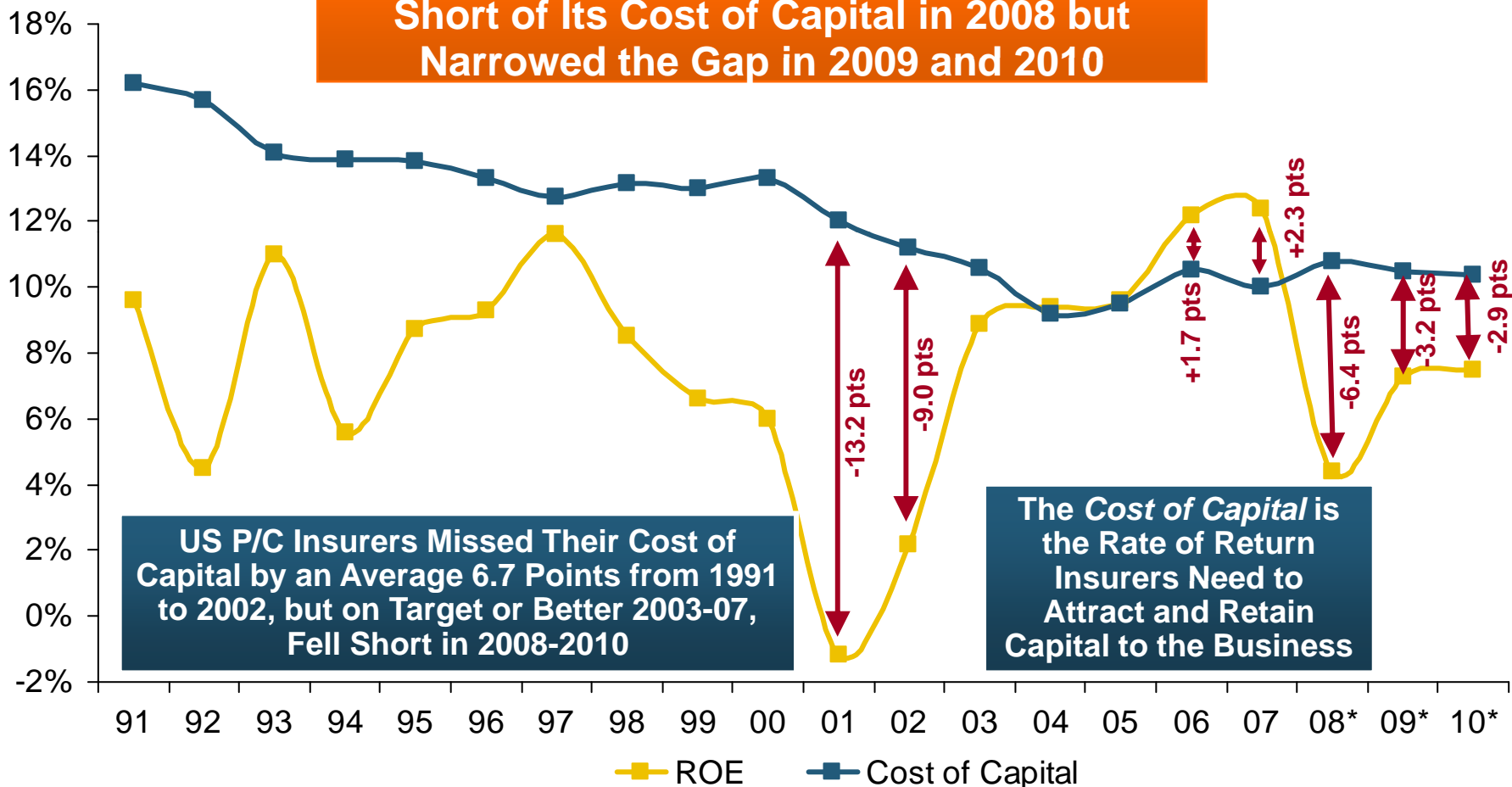


\*Profitability = P/C insurer ROEs are I.I.I. estimates. 2011 figure is an estimate based on annualized ROAS for H1 data.  
 Note: Data for 2008-2011 exclude mortgage and financial guaranty insurers. For 2011:H1 ROAS = 1.7% including M&FG.  
 Source: Insurance Information Institute; NAIC, ISO, A.M. Best.

# ROE vs. Equity Cost of Capital: U.S. P/C Insurance:1991-2010:H1\*

(Percent)

**The P/C Insurance Industry Well Short of Its Cost of Capital in 2008 but Narrowed the Gap in 2009 and 2010**



**US P/C Insurers Missed Their Cost of Capital by an Average 6.7 Points from 1991 to 2002, but on Target or Better 2003-07, Fell Short in 2008-2010**

**The Cost of Capital is the Rate of Return Insurers Need to Attract and Retain Capital to the Business**

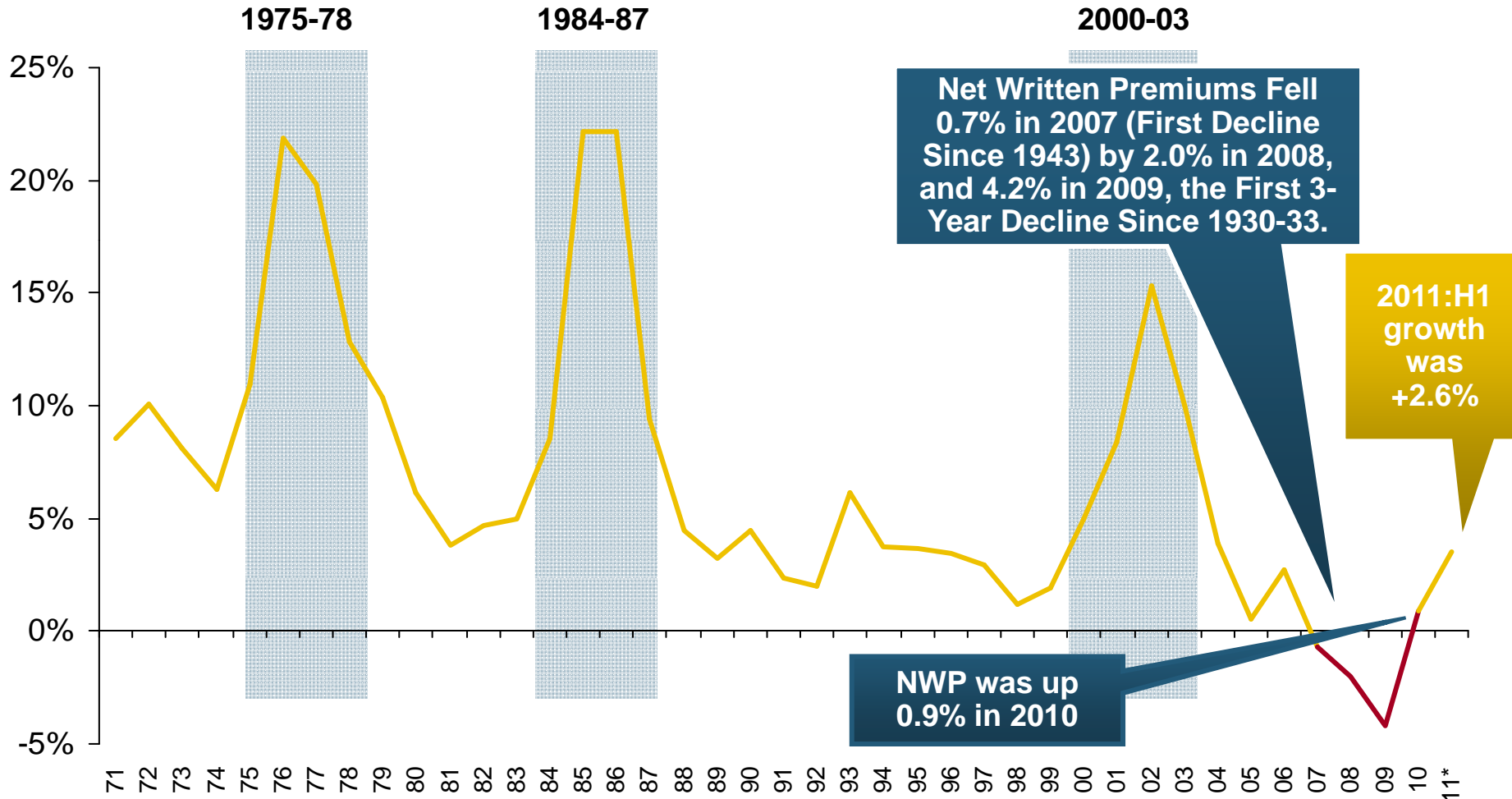
\* Return on average surplus in 2008-2010 excluding mortgage and financial guaranty insurers.  
Source: The Geneva Association, Insurance Information Institute

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

**Cyclicalitity is Driven Primarily  
by the Industry's Underwriting  
Cycle, Not the Economy**

# Soft Market Persisted in 2010 but Growth Returned: More in 2011/12?

(Percent)

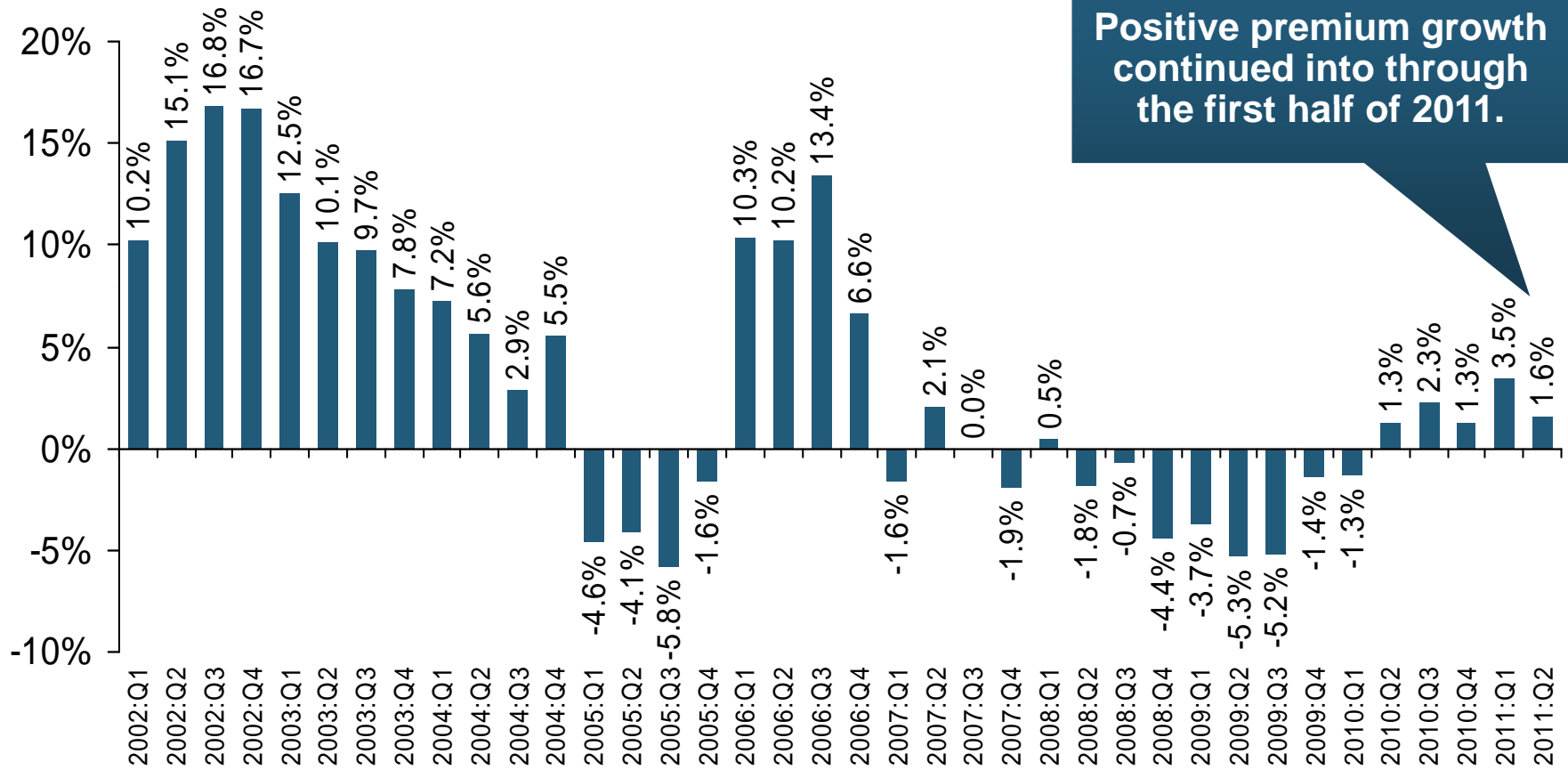


\*2011 figure is for H1 vs. 2010:H1.

Shaded areas denote "hard market" periods

Sources: A.M. Best (historical and forecast), ISO, Insurance Information Institute.

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



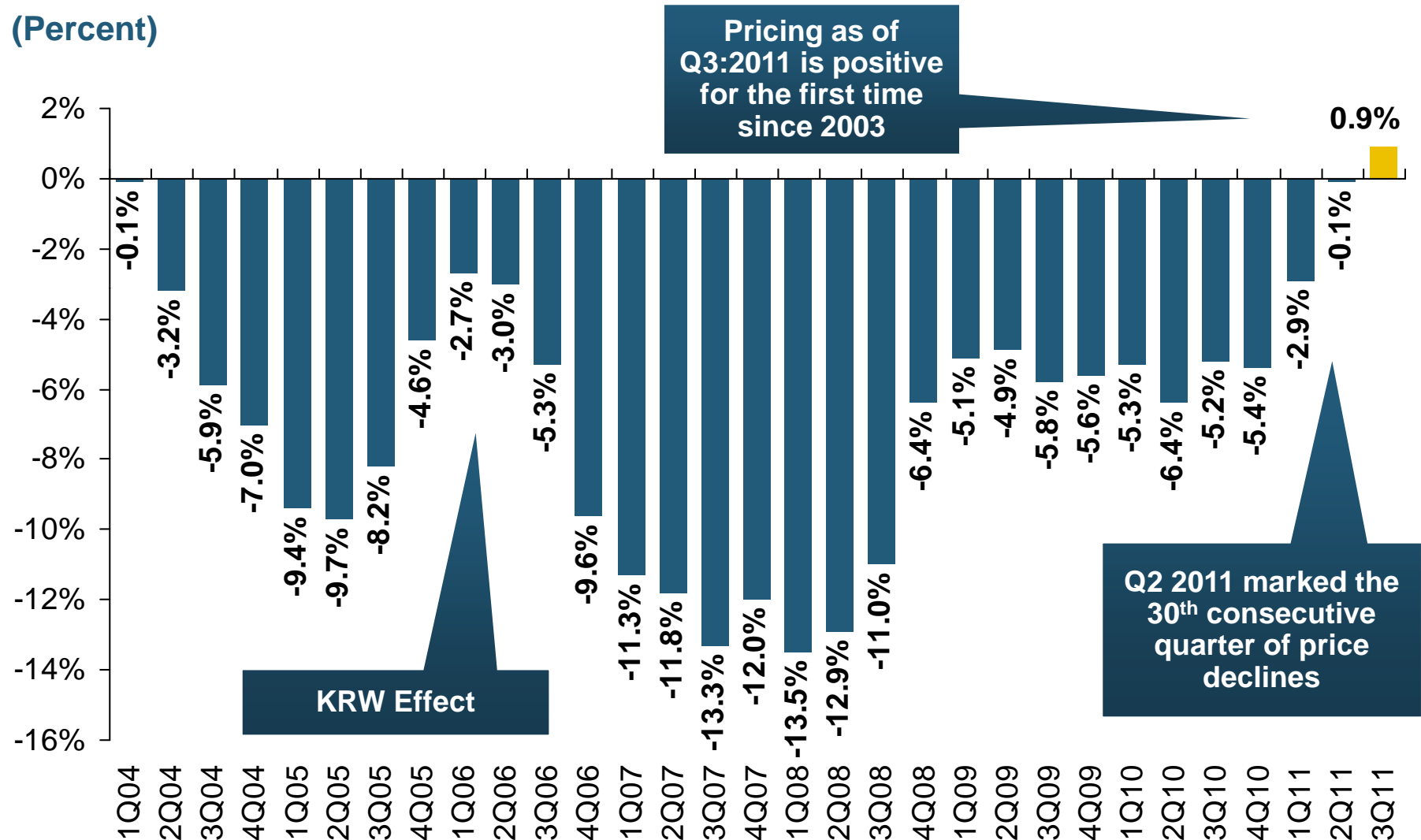
Positive premium growth continued into through the first half of 2011.

**Pricing and more stable exposure environment are contributing to consistent positive growth in recent quarters (vs. the same quarter, prior year)**

Sources: ISO, Insurance Information Institute.

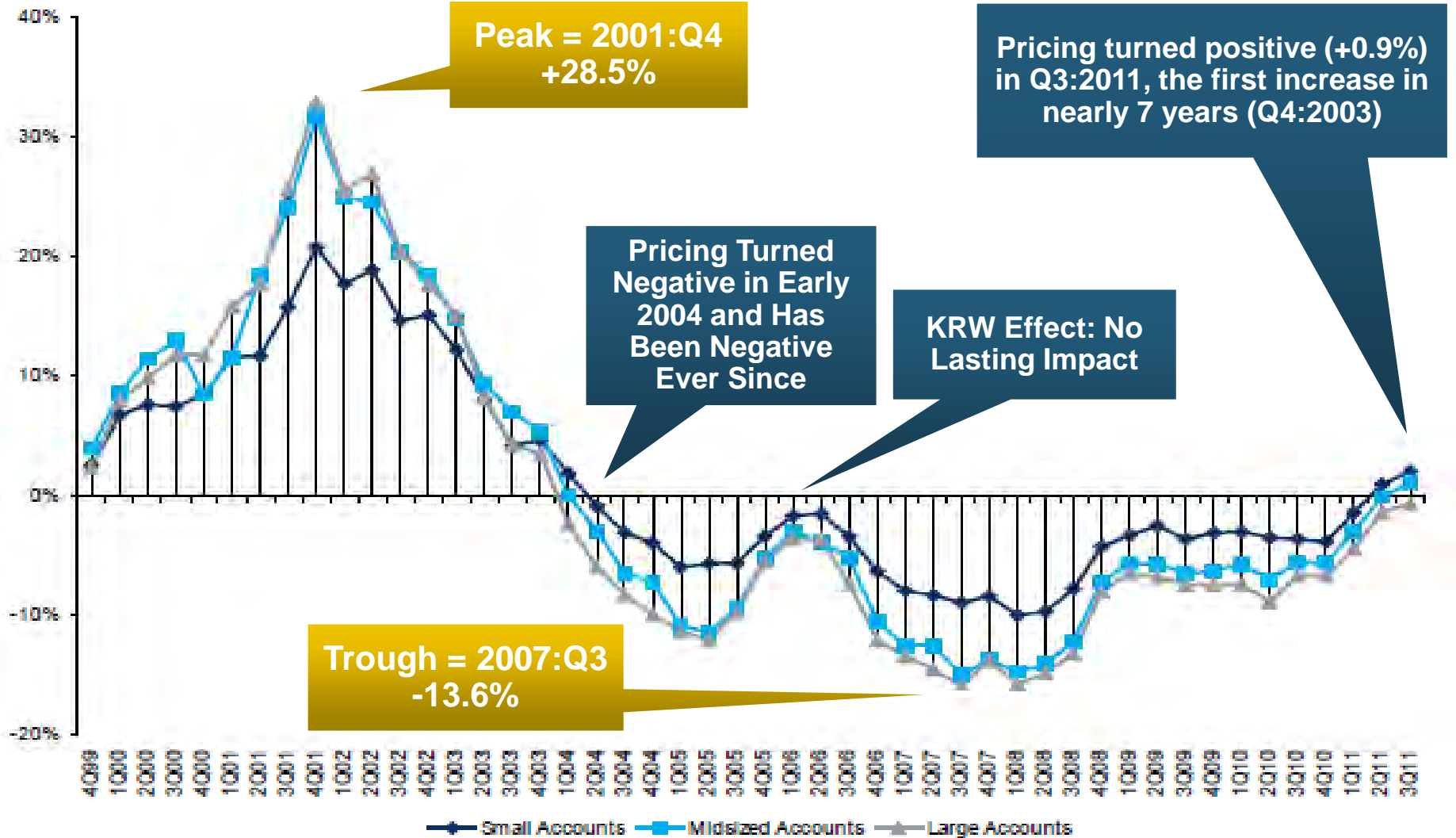
# Average Commercial Rate Change, All Lines, (1Q:2004–3Q:2011)

(Percent)



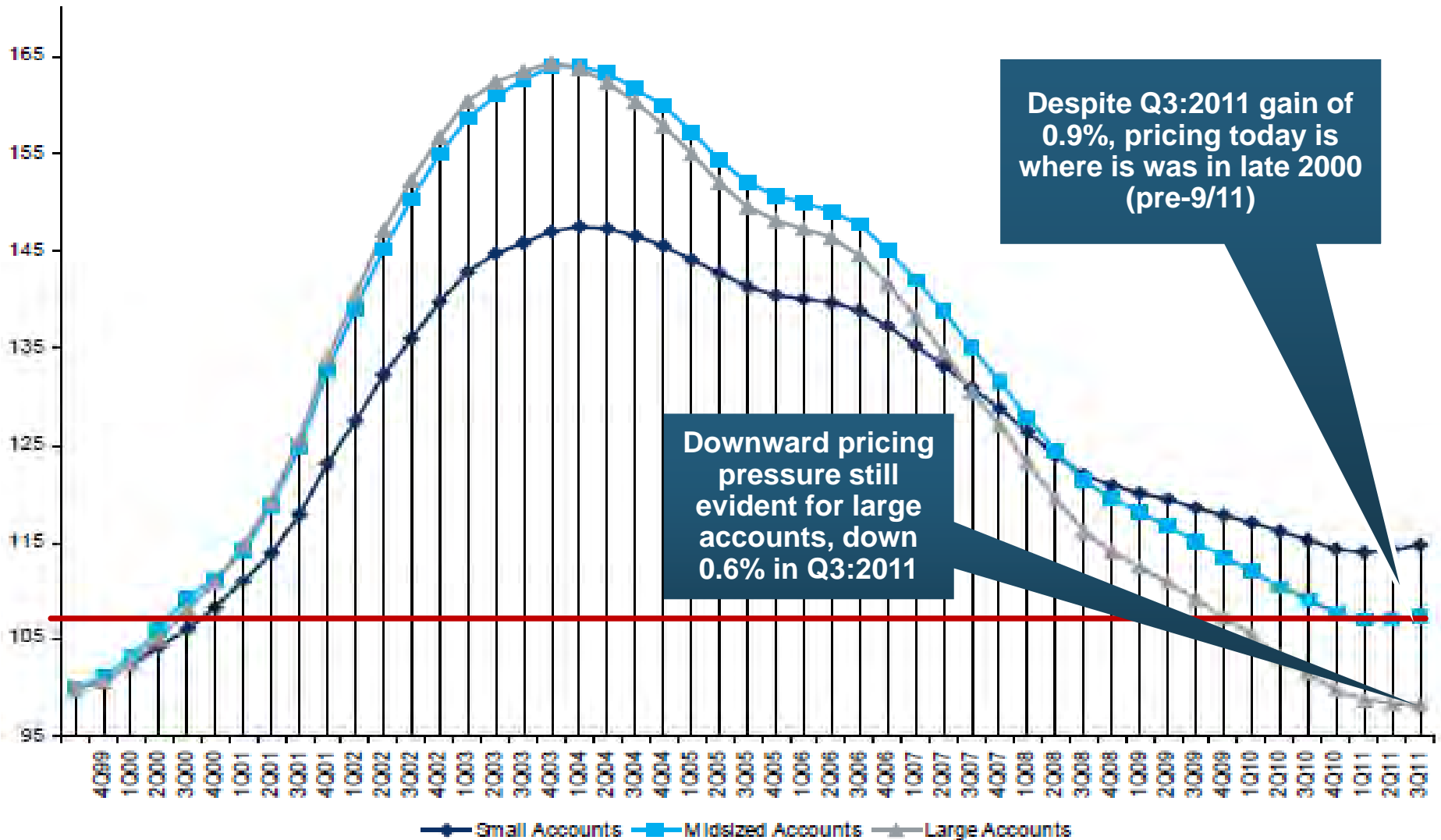
# Change in Commercial Rate Renewals, by Account Size: 1999:Q4 to 2011:Q3

Percentage Change (%)



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

1999:Q4 = 100



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

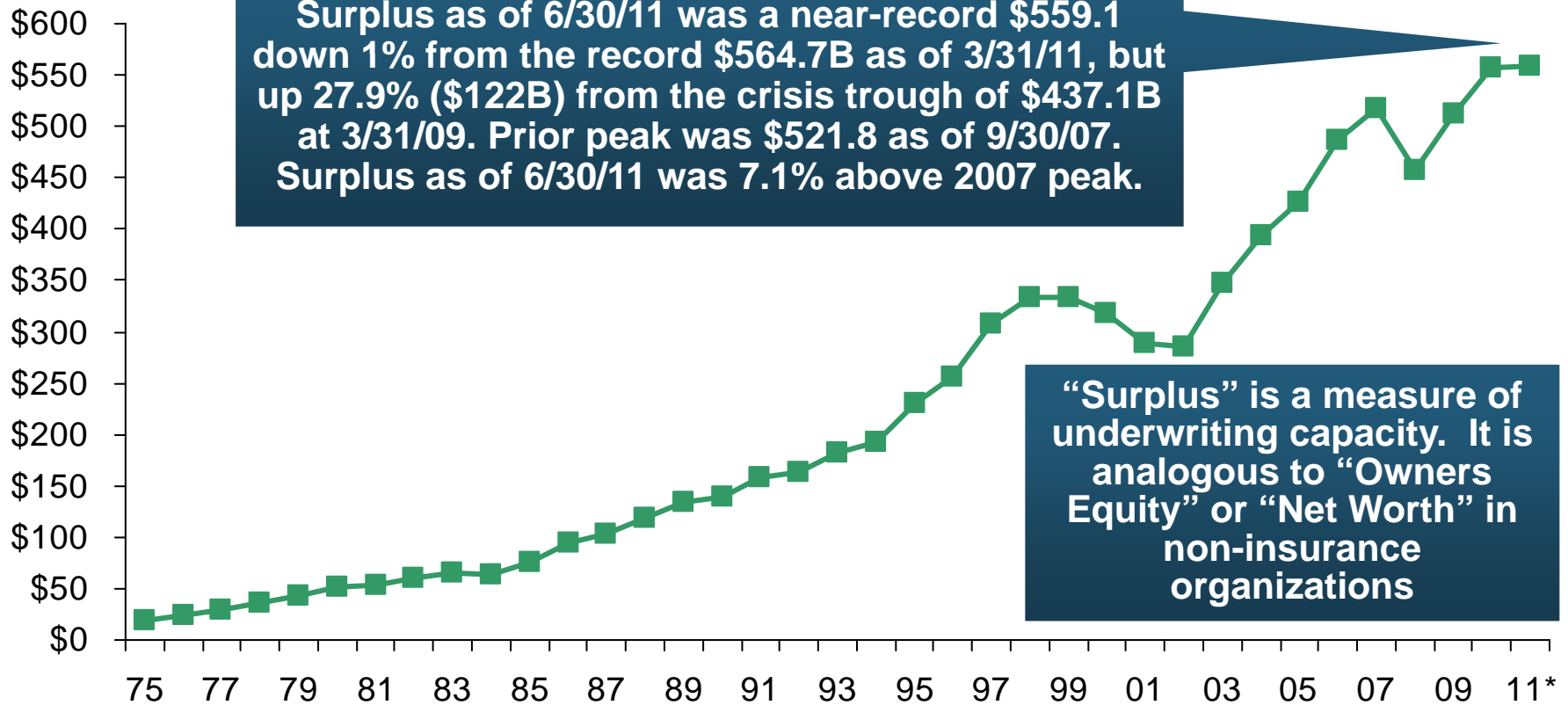


## **Capital/Policyholder Surplus (US)**

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

# US Policyholder Surplus: 1975–2011\*

(\$ Billions)

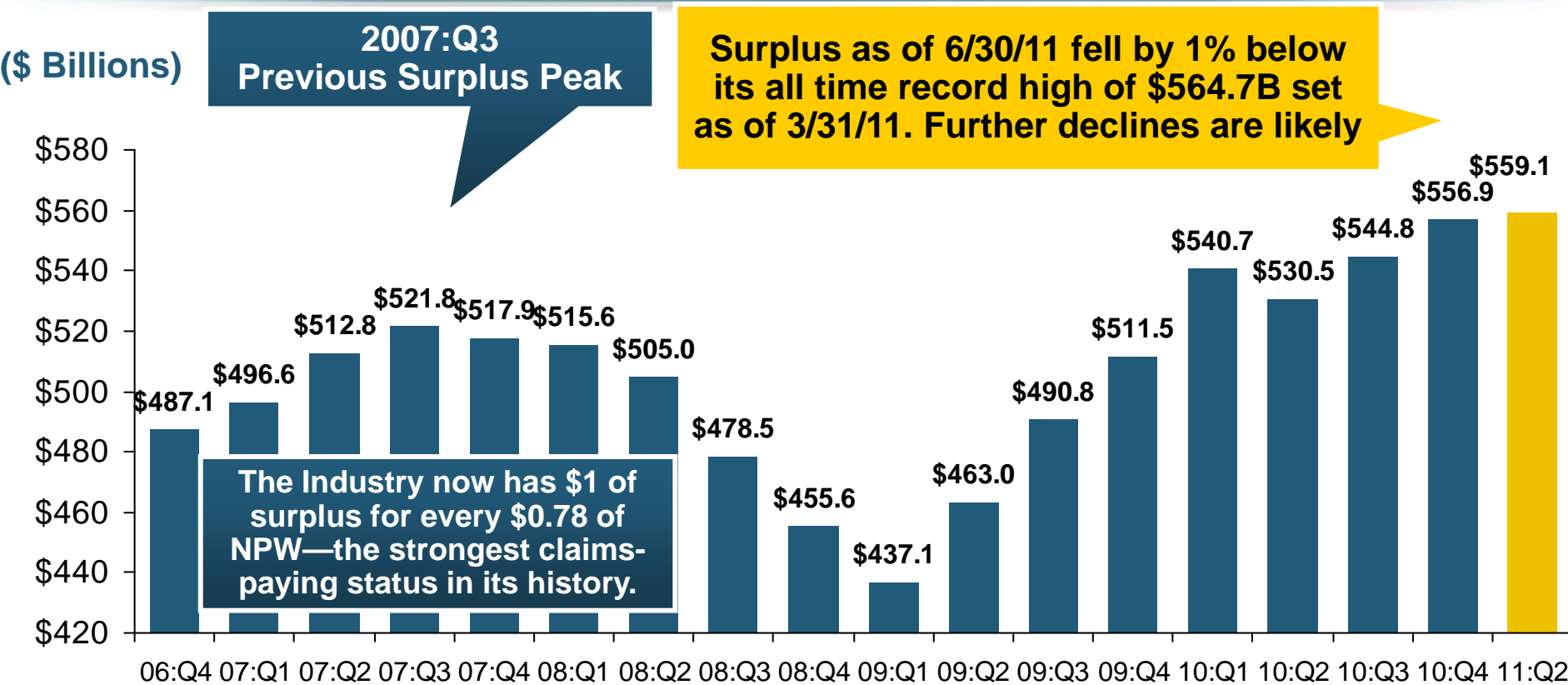


**The Premium-to-Surplus Ratio Stood at \$0.78:\$1 as of 6/30/11, A Near Record Low (at Least in Recent History)\*\***

\* As of 6/30/11.

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

# Policyholder Surplus, 2006:Q4–2011:Q2



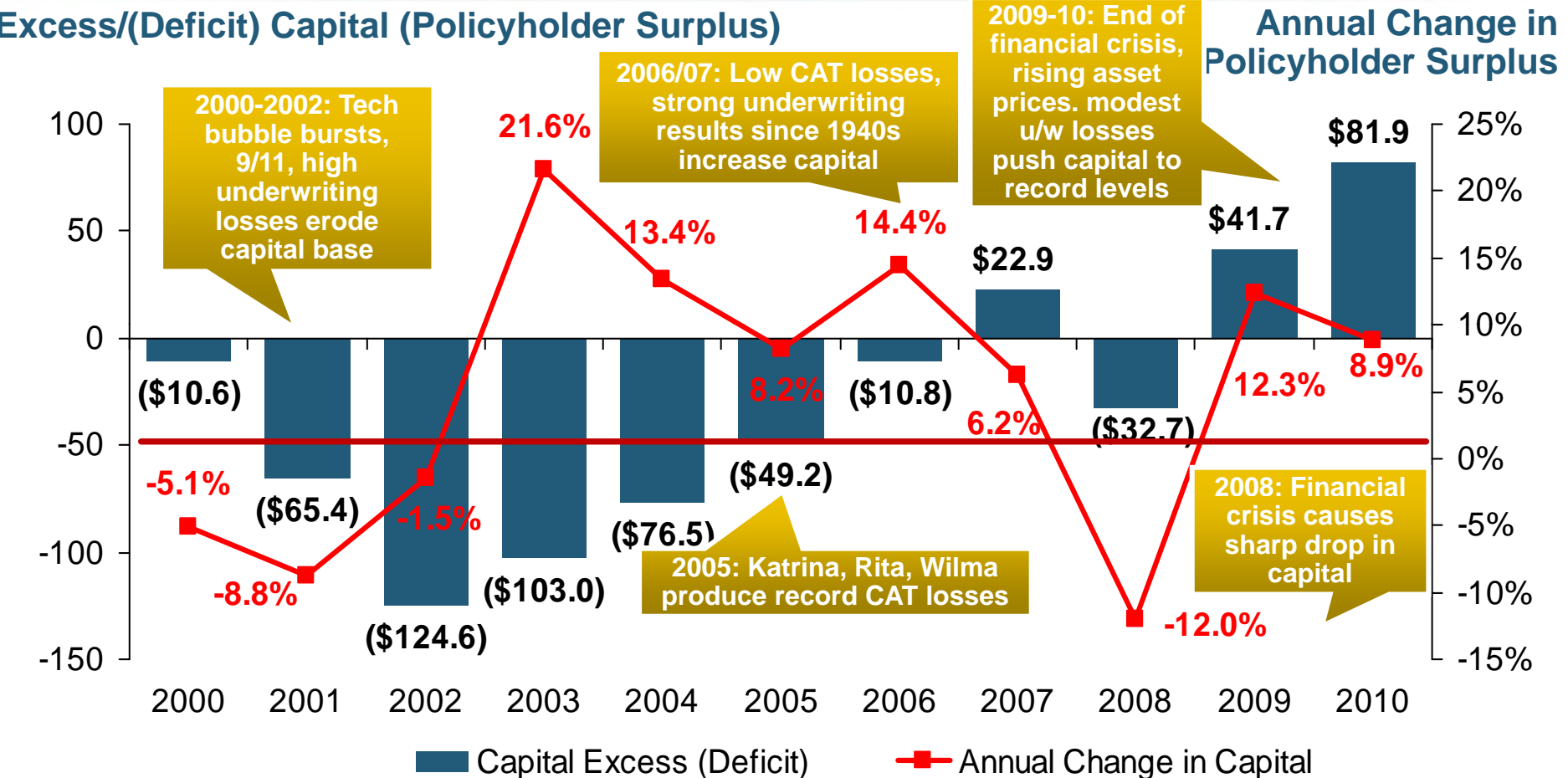
### Quarterly Surplus Changes Since 2007:Q3 Peak

<b>09:Q1: -\$84.7B (-16.2%)</b>	<b>10:Q2: +\$8.7B (+1.7%)</b>
<b>09:Q2: -\$58.8B (-11.2%)</b>	<b>10:Q3: +\$23.0B (+4.4%)</b>
<b>09:Q3: -\$31.0B (-5.9%)</b>	<b>10:Q4: +\$35.1B (+6.7%)</b>
<b>09:Q4: -\$10.3B (-2.0%)</b>	<b>11:Q1: +\$42.9B (+8.2%)</b>
<b>10:Q1: +\$18.9B (+3.6%)</b>	<b>11:Q2: +\$37.3B (+7.1%)</b>

\*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.

Sources: ISO, A.M. Best.

# Implied Excess (Deficit) Capital Assuming Premium/Surplus Ratio = 0.9:1



**Record Policyholder Surplus (Capital) Has Resulted Significant Excess Capital in the P/C Insurance Sector As of Year End 2010. Deteriorating Underwriting Losses, Higher CAT Activity, More Modest Market Returns Will Likely Shrink Excess Capital in 2011.**

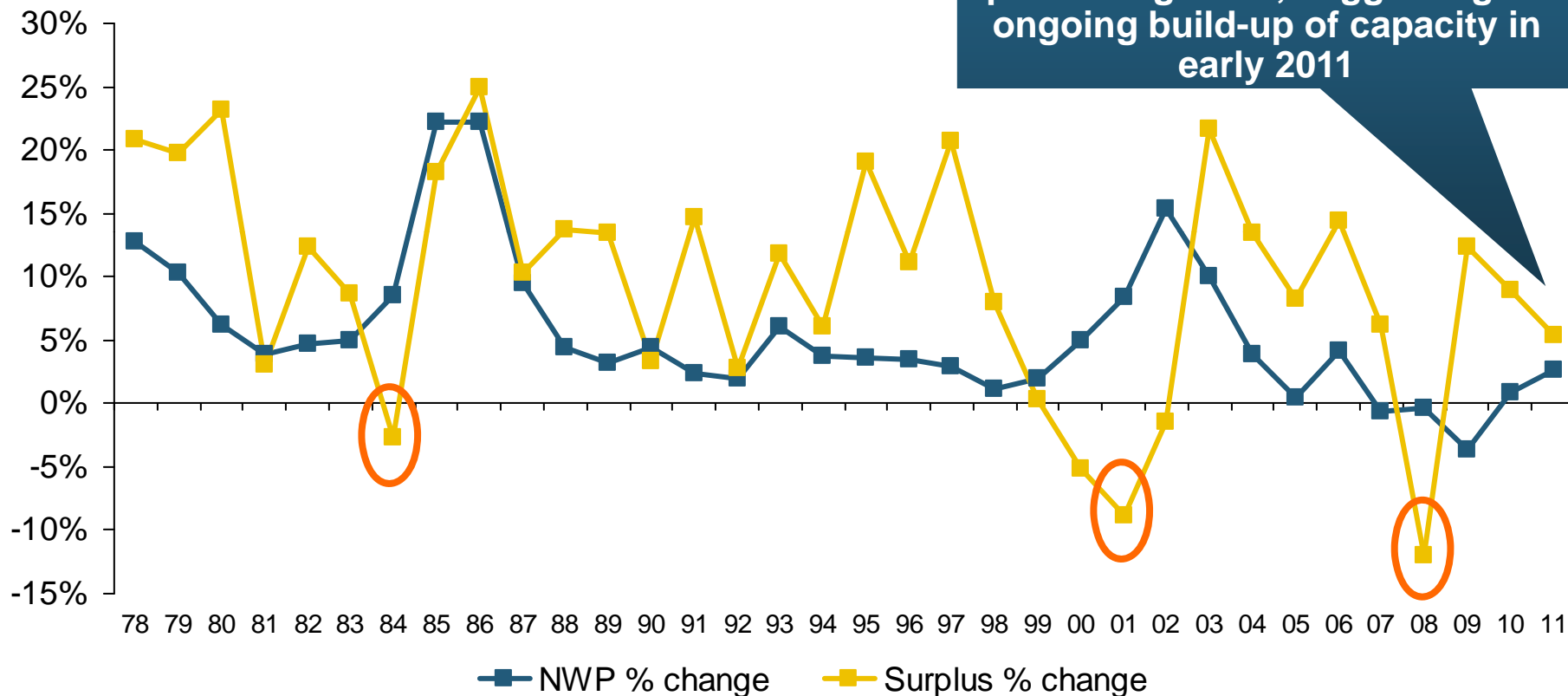
Note: The assumption of a 0.9:1 P/S ratio is derived from a Feb. 2011 announcement by Advisen, Ltd., that the US P/C insurance industry has \$74 billion in excess capital. The implied P/S ratio (calculated by III) is 0.88:1, which was rounded to 0.9:1.

Source: Insurance Information Institute calculations from A.M. Best and ISO data.

\* Net Premiums Written

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

(Percent)



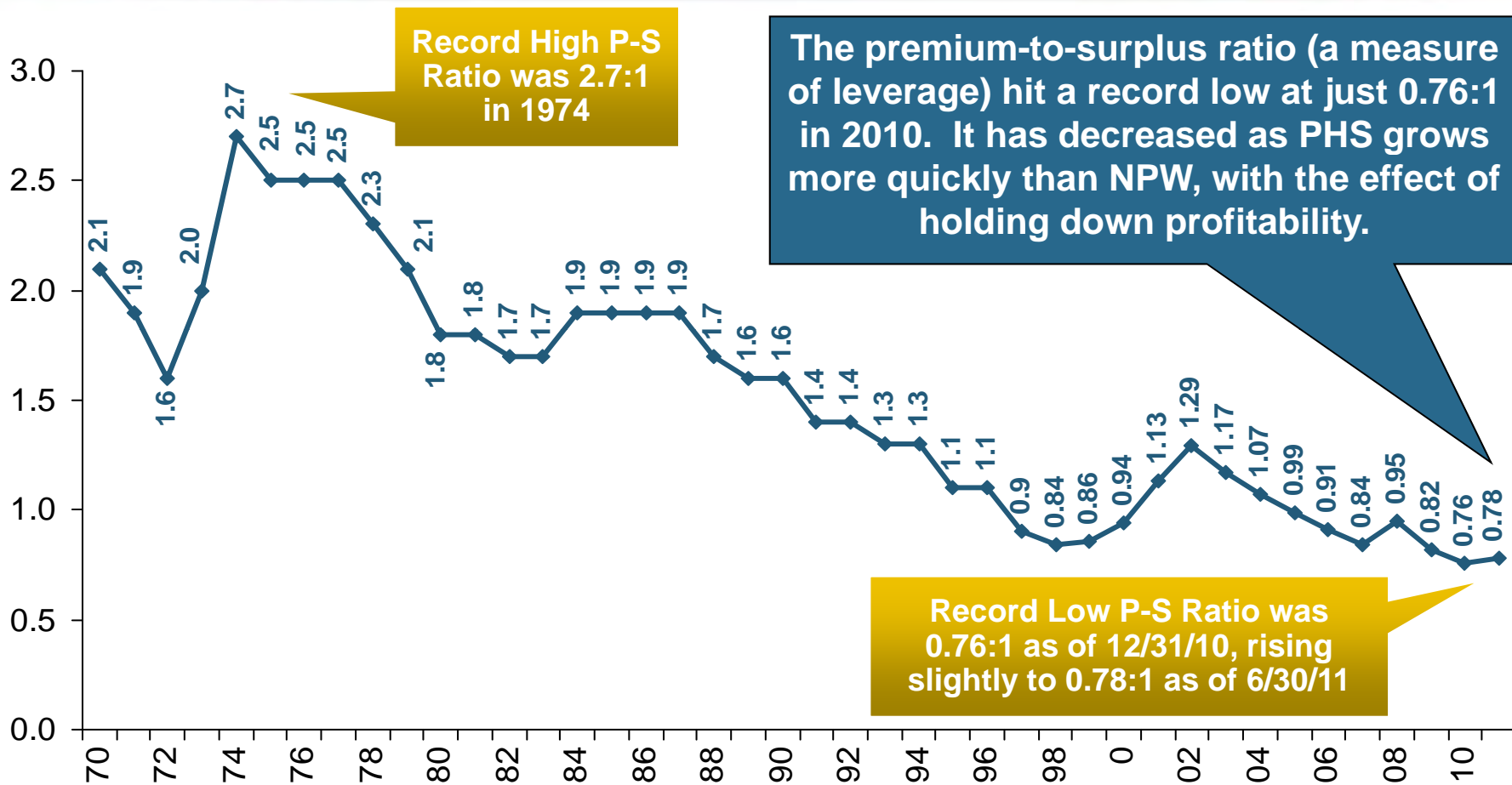
Surplus growth still exceeds premium growth, suggesting an ongoing build-up of capacity in early 2011

**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 H1:11 vs. H1:10.

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

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



Record High P-S Ratio was 2.7:1 in 1974

The premium-to-surplus ratio (a measure of leverage) hit a record low at just 0.76:1 in 2010. It has decreased as PHS grows more quickly than NPW, with the effect of holding down profitability.

Record Low P-S Ratio was 0.76:1 as of 12/31/10, rising slightly to 0.78:1 as of 6/30/11

**The Premium-to-Surplus Ratio in 2011:H1 Implies that P/C Insurers Held \$1 in Surplus Against Each \$0.78 Written in Premiums. In 1974, Each \$1 of Surplus Backed \$2.70 in Premium.**

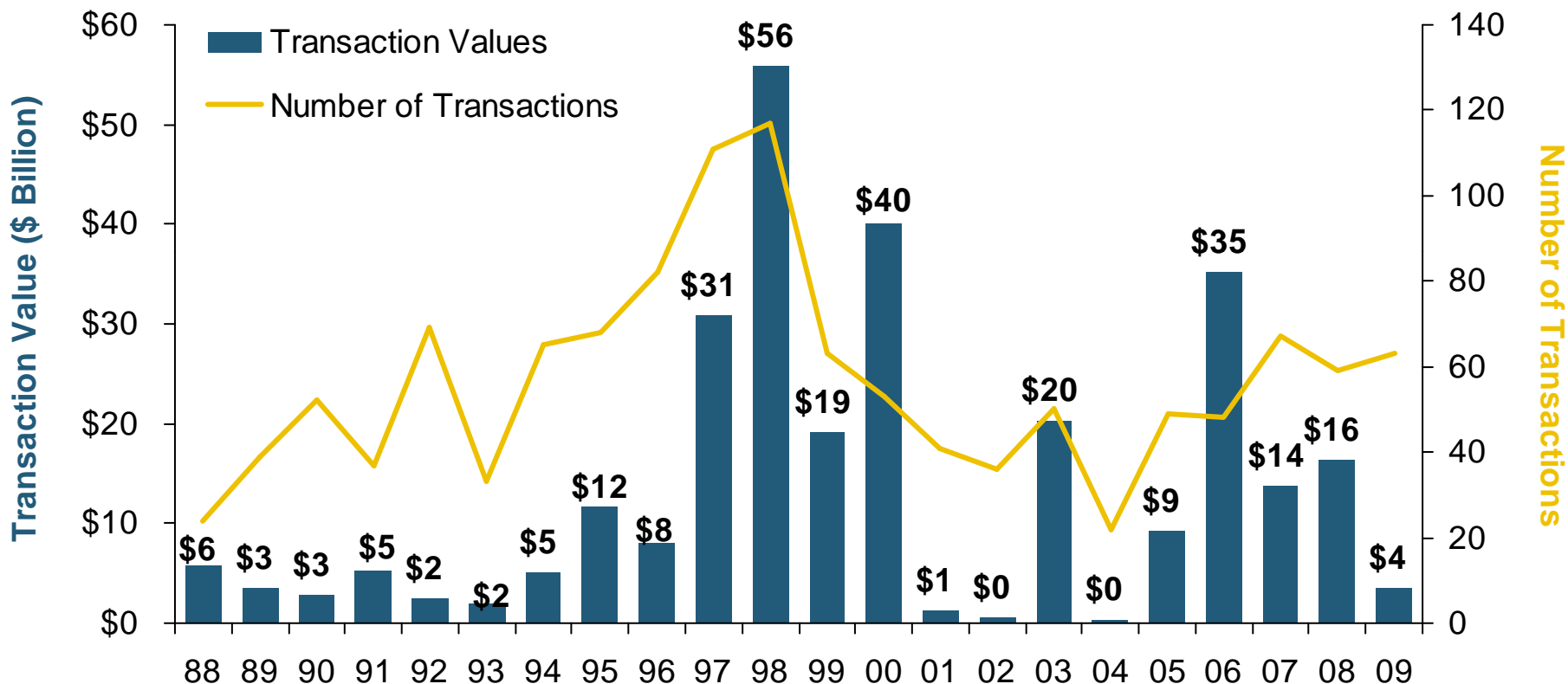
\*2011 data are as of 6/30/11.

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

# Merger & Acquisition

**Capital Cycles Can  
Drive Consolidation**

# U.S. P/C Insurance-Related M&A Activity, 1988–2009



**\$ Value of Deals Down 78%  
in 2009, Volume Up 7%**

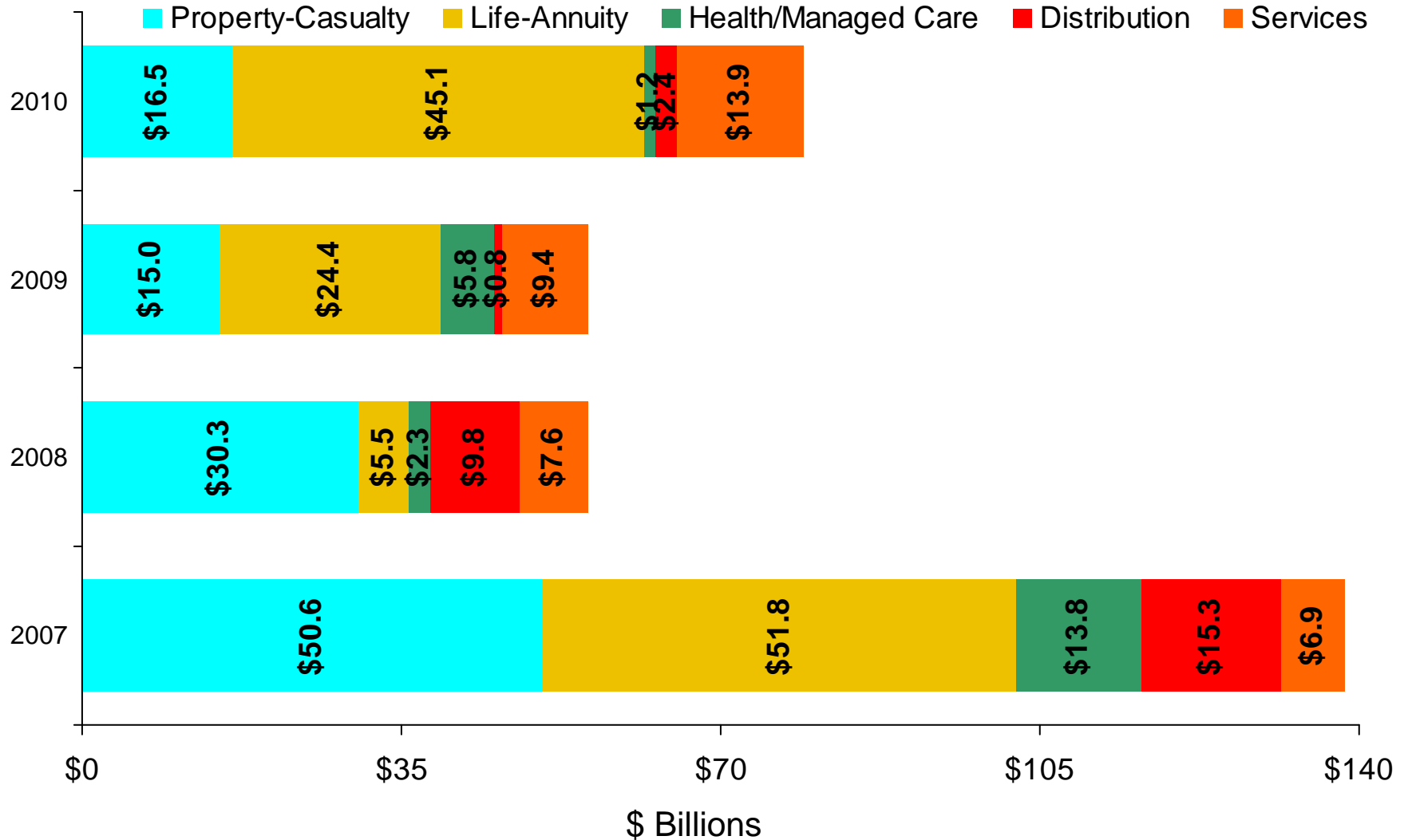
**2010: No Mega Deals So Far, Despite  
Record Capital, Slow Growth and Improved  
Financial Market Conditions**

Note: U.S. Company was the acquirer and/or target.

Source: Conning Research & Consulting.



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

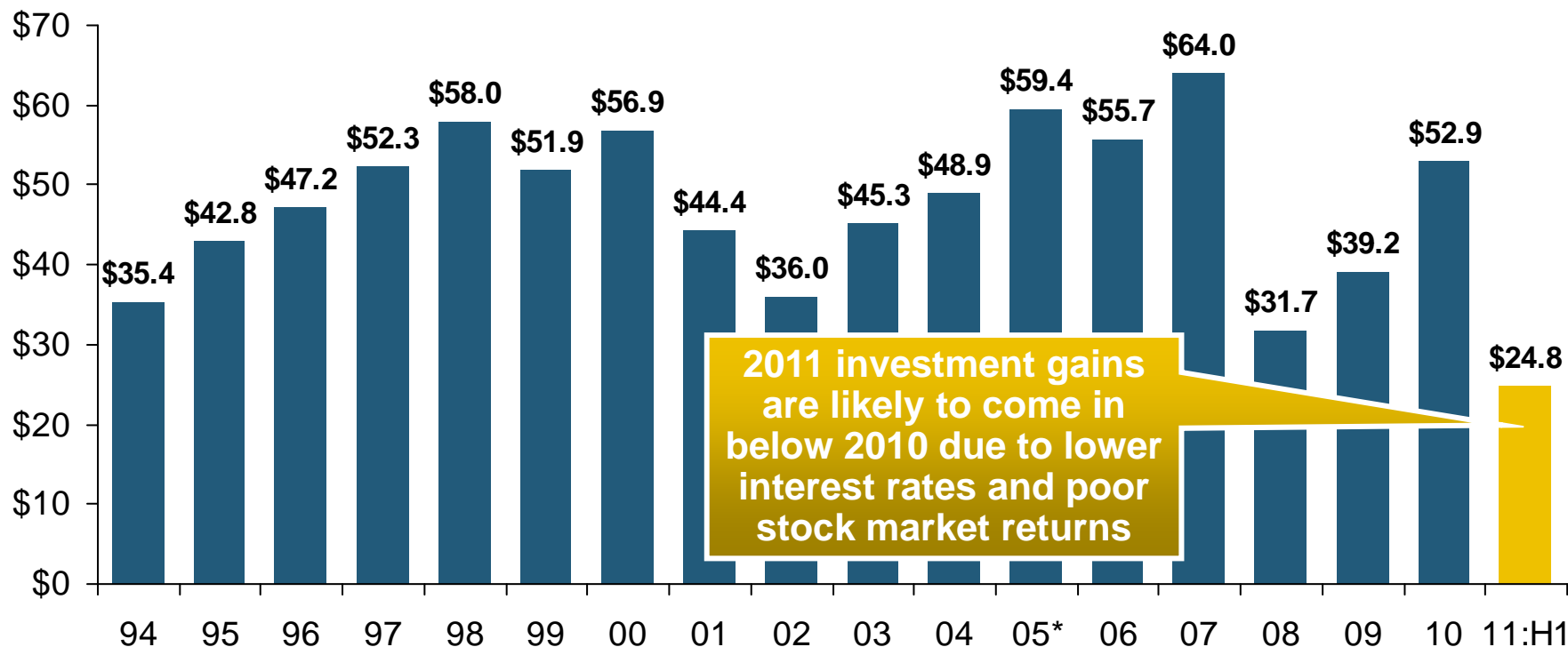


# **INVESTMENTS: THE NEW REALITY**

**Investment Performance is a  
Key Driver of Profitability**

# Property/Casualty Insurance Industry Investment Gain: 1994–2011:H1<sup>1</sup>

(\$ Billions)



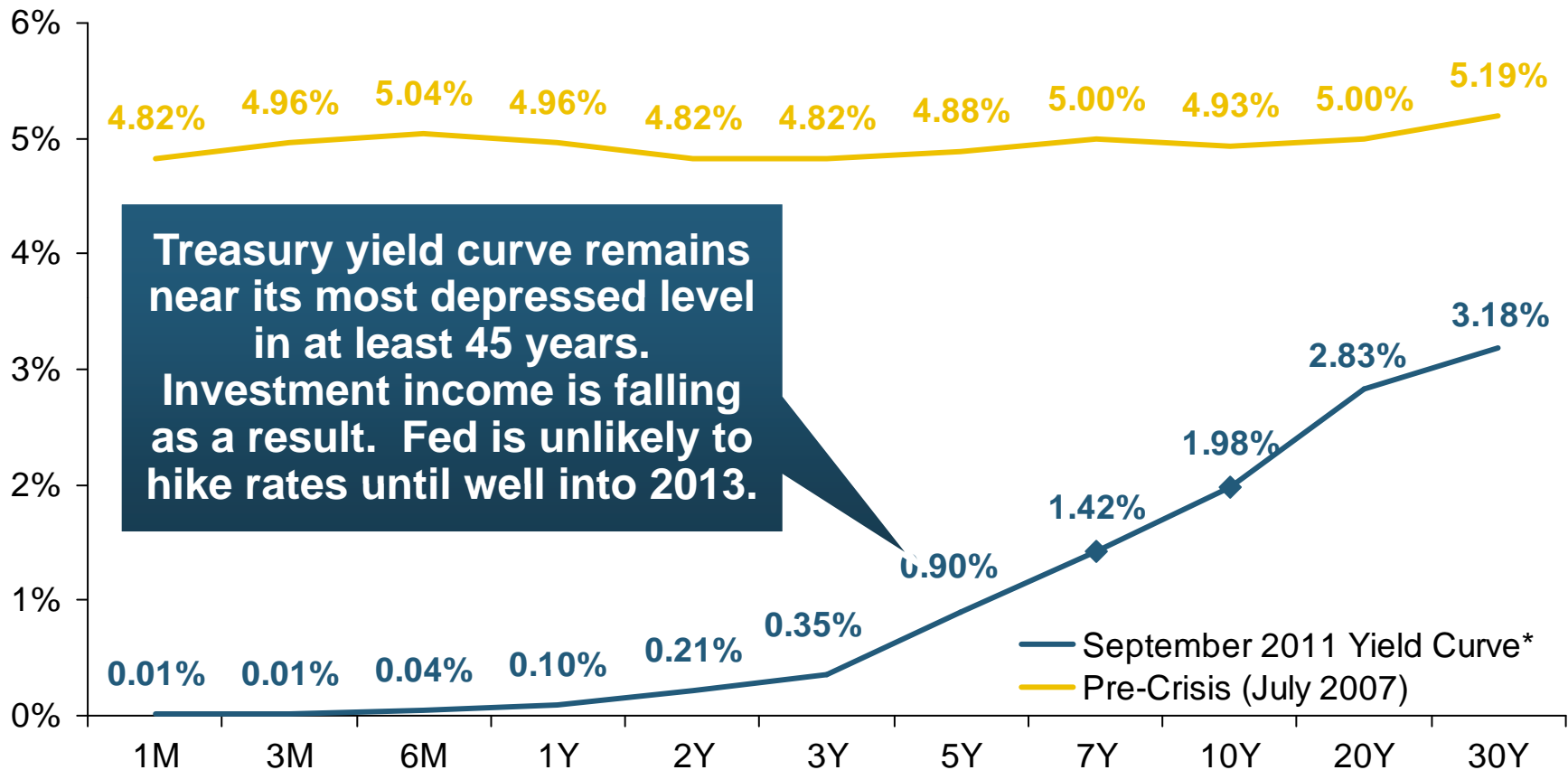
**Investment Gains Recovered Significantly in 2010 Due to Realized Investment Gains; The Financial Crisis Caused Investment Gains to Fall by 50% in 2008**

<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.

# Treasury Yield Curves: Pre-Crisis (July 2007) vs. Sept. 2011\*



Treasury yield curve remains near its most depressed level in at least 45 years. Investment income is falling as a result. Fed is unlikely to hike rates until well into 2013.

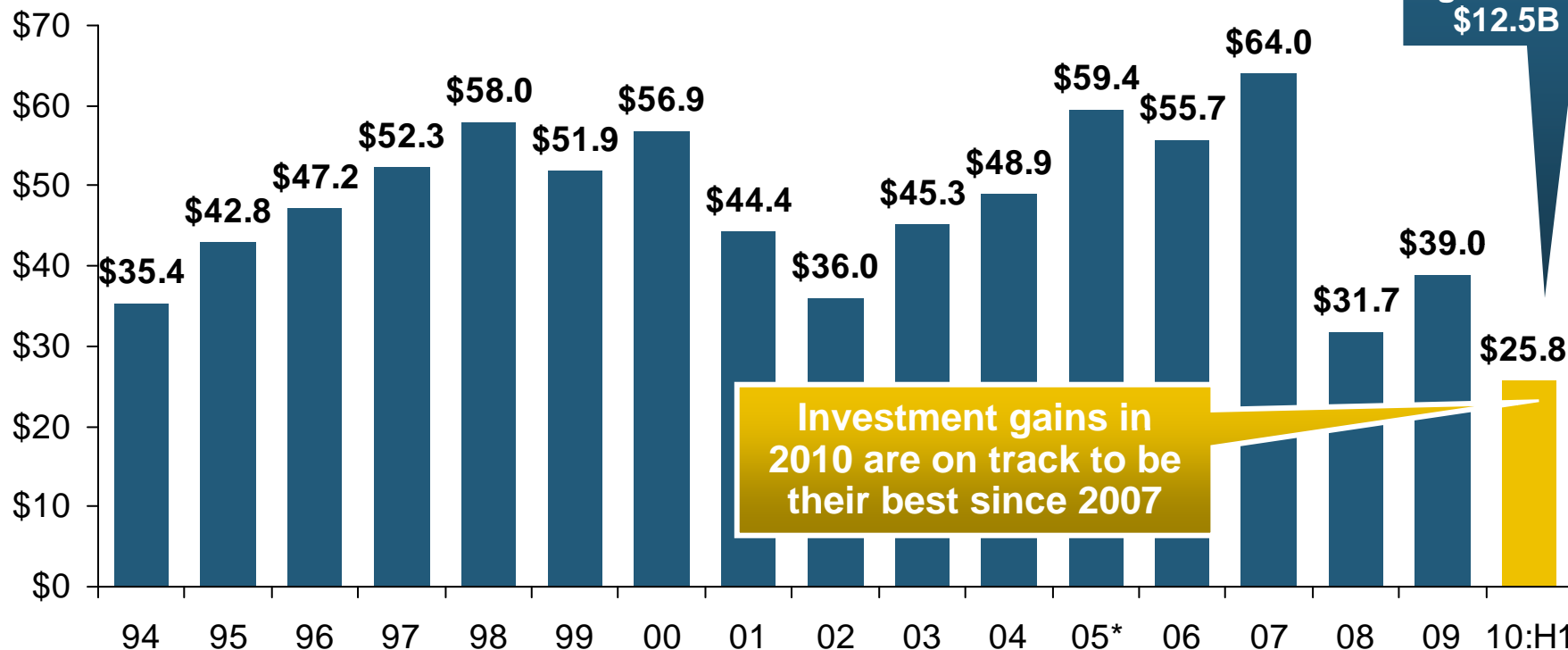
**The End of the Fed's Quantitative Easing Is Unlikely to Push Interest Rates Up Substantially Given Ongoing Economic Weakness**

\*Average of daily rates.

Sources: Board of Governors of the United States Federal Reserve Bank; Insurance Information Institute.

# Property/Casualty Insurance Industry Investment Gain: 1994–2010:H1<sup>1</sup>

(\$ Billions)



2009:H1  
gain was  
\$12.5B

Investment gains in  
2010 are on track to be  
their best since 2007

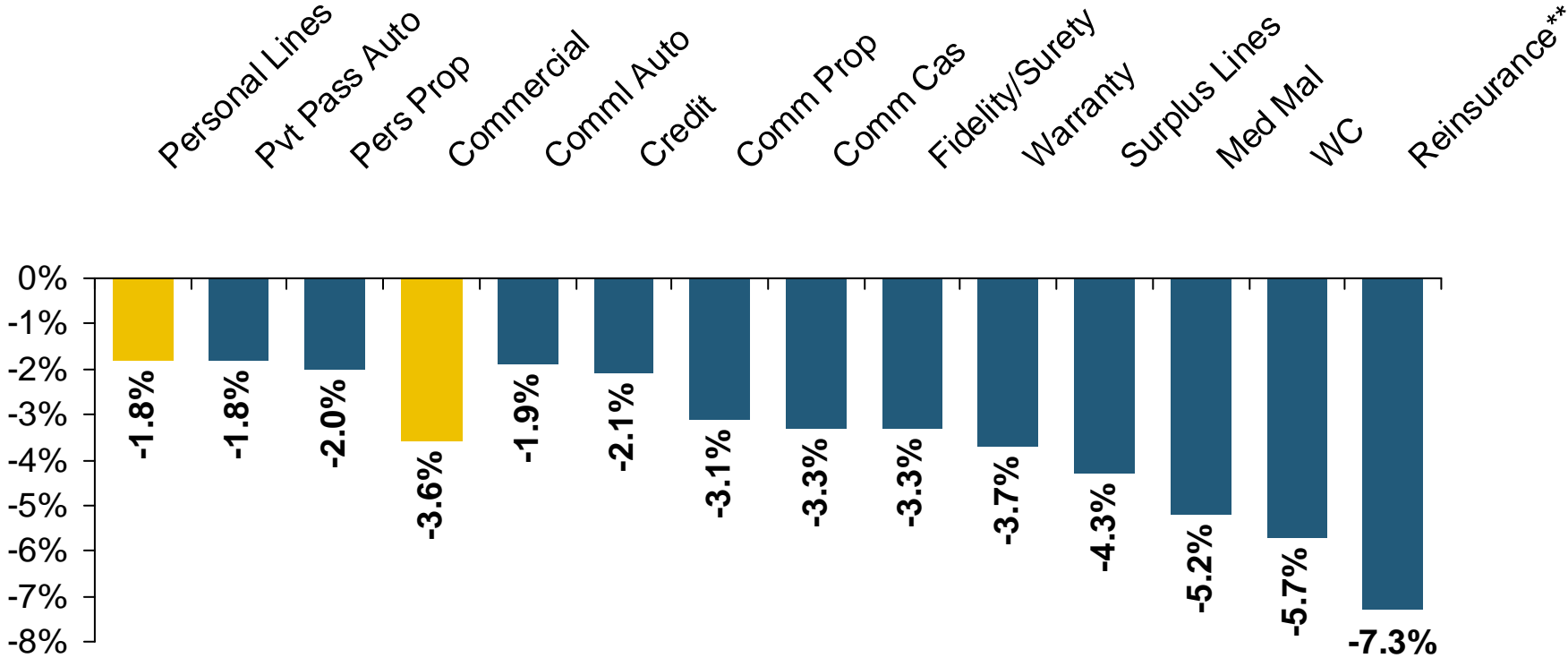
**In 2008, Investment Gains Fell by 50% Due to Lower Yields and Nearly \$20B of Realized Capital Losses**  
**2009 Saw Smaller Realized Capital Losses But Declining Investment Income**  
**Investment Gains Are Recovering So Far in 2010**

<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.

# 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

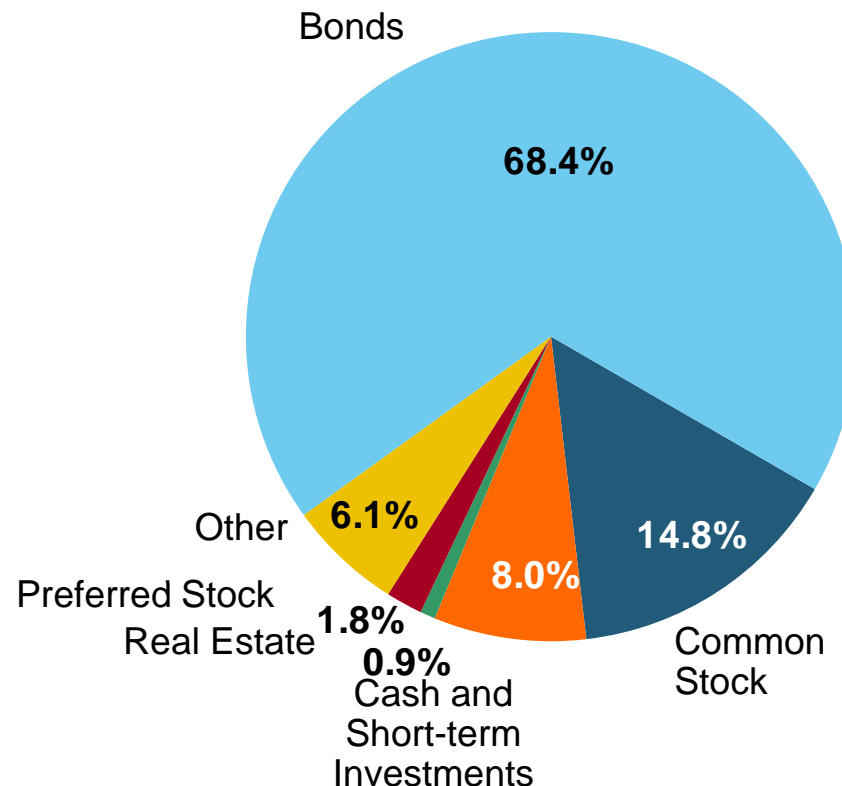
Source: A.M. Best; Insurance Information Institute.

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

## Portfolio Facts

- Invested assets totaled \$1.214 trillion as of 12/31/08
- Insurers are generally conservatively invested, with more than 2/3 of assets invested in bonds as of 12/31/08
- Only about 15% of assets were invested in common stock as of 12/31/08
- Even the most conservative of portfolios was hit hard in 2008

As of December 31, 2008

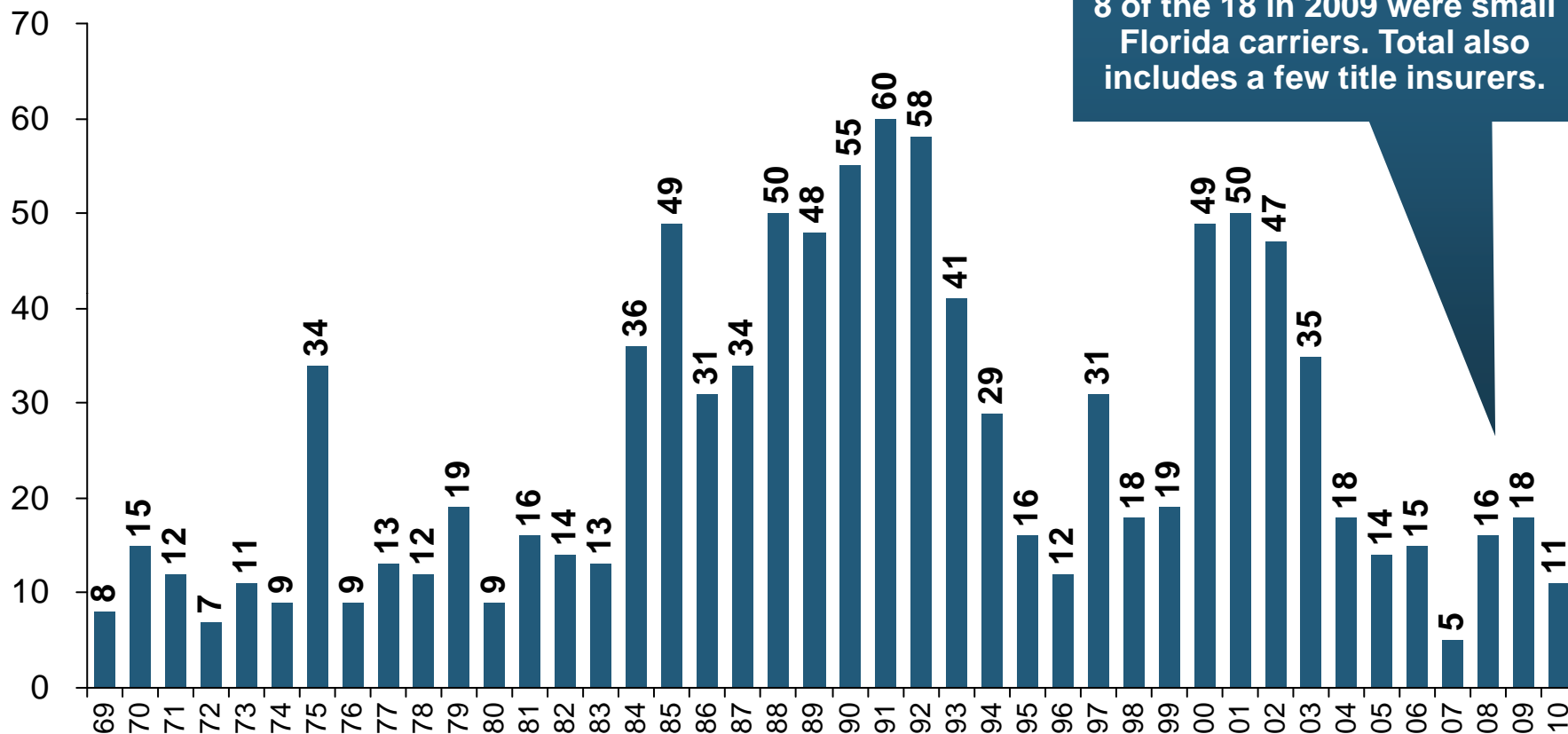


# **Financial Strength & Underwriting**

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

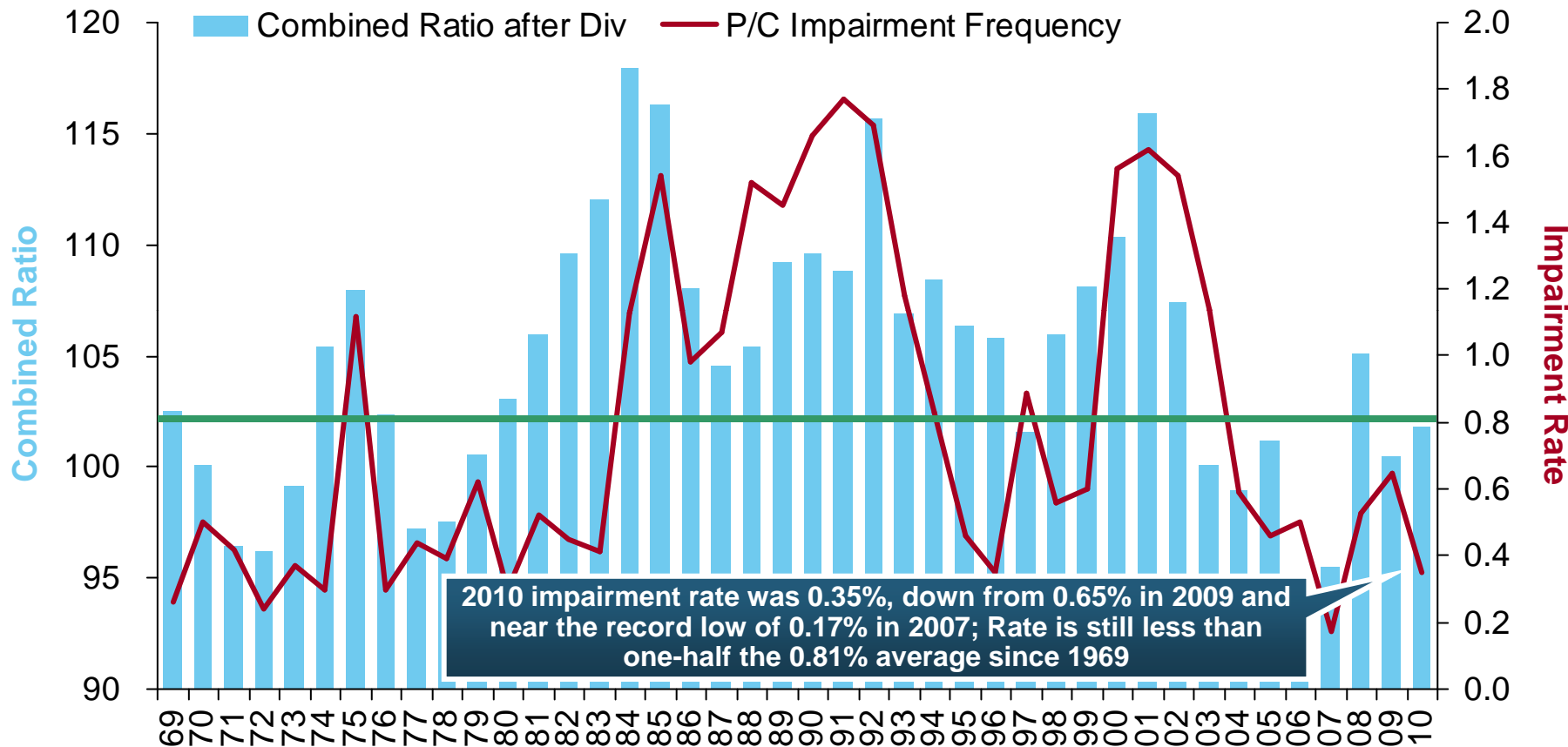


# P/C Insurer Impairments, 1969–2010



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

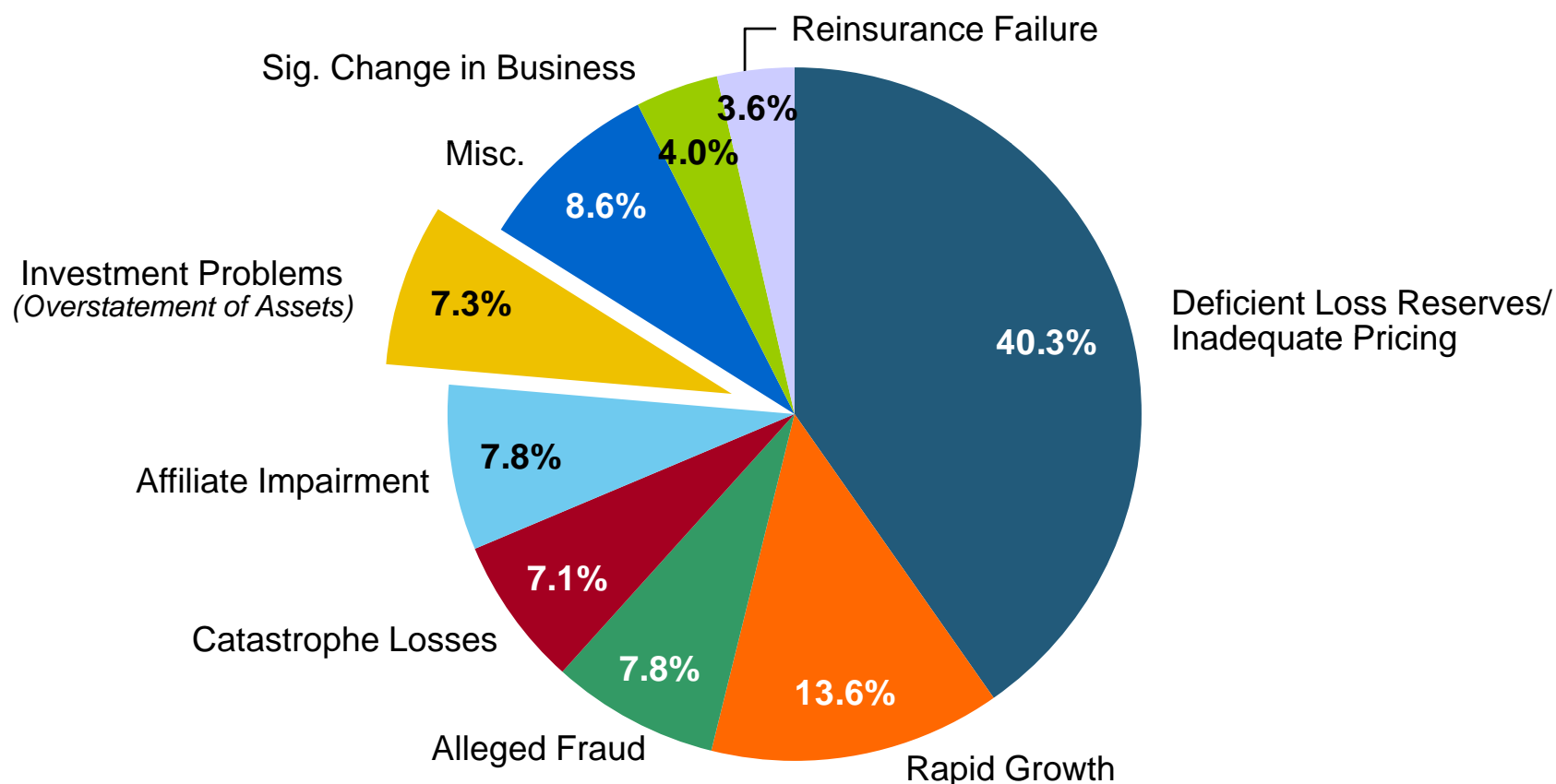
# P/C Insurer Impairment Frequency vs. Combined Ratio, 1969-2010



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

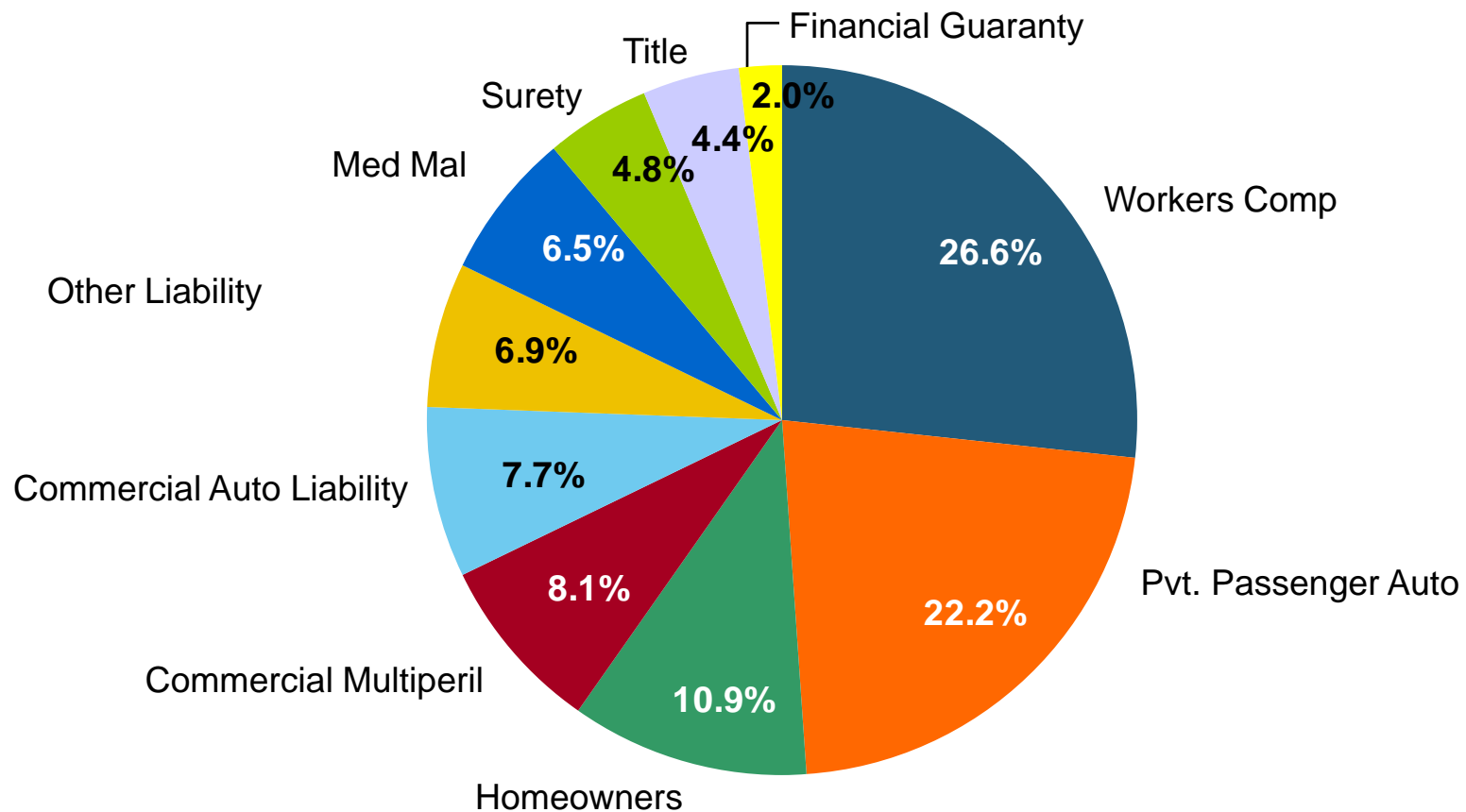
# Reasons for US P/C Insurer Impairments, 1969–2010

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



# 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

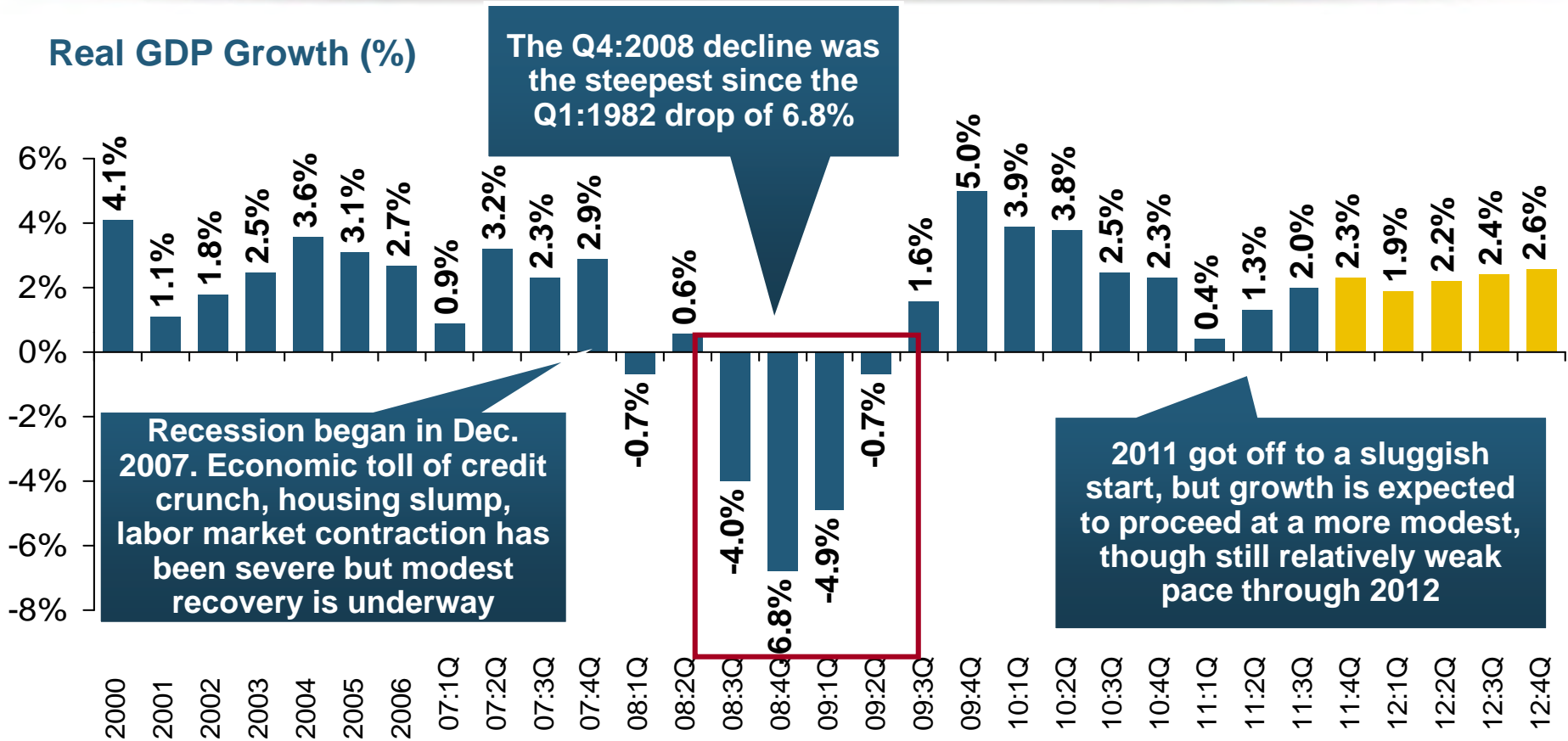


# The Economic Storm

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

# US Real GDP Growth\*

Real GDP Growth (%)



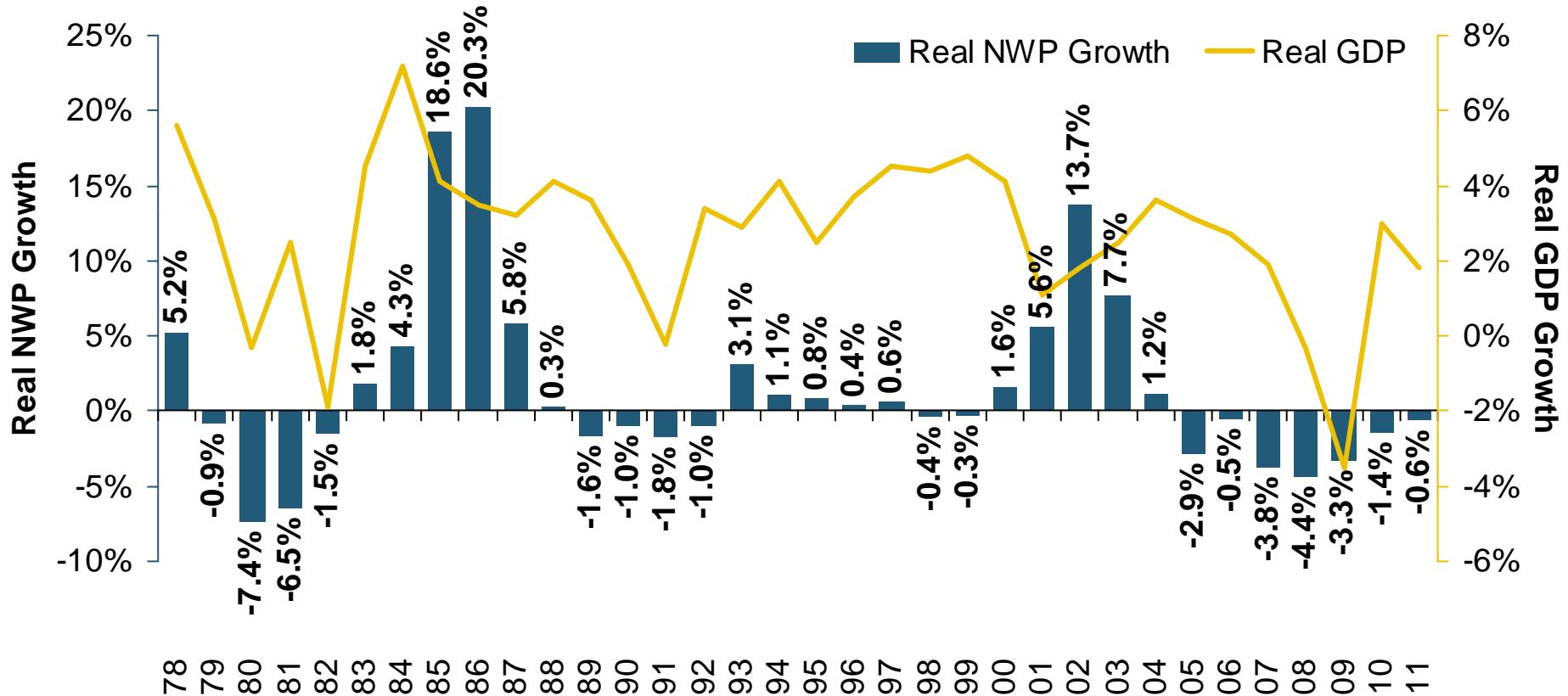
**Demand for Insurance Continues To Be Impacted by Sluggish Economic Conditions, but the Benefits of Even Slow Growth Will Compound and Gradually Benefit the Economy Broadly**

\*  Estimates/Forecasts from Blue Chip Economic Indicators.

Source: US Department of Commerce, Blue Economic Indicators 11/11; Insurance Information Institute.

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

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



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

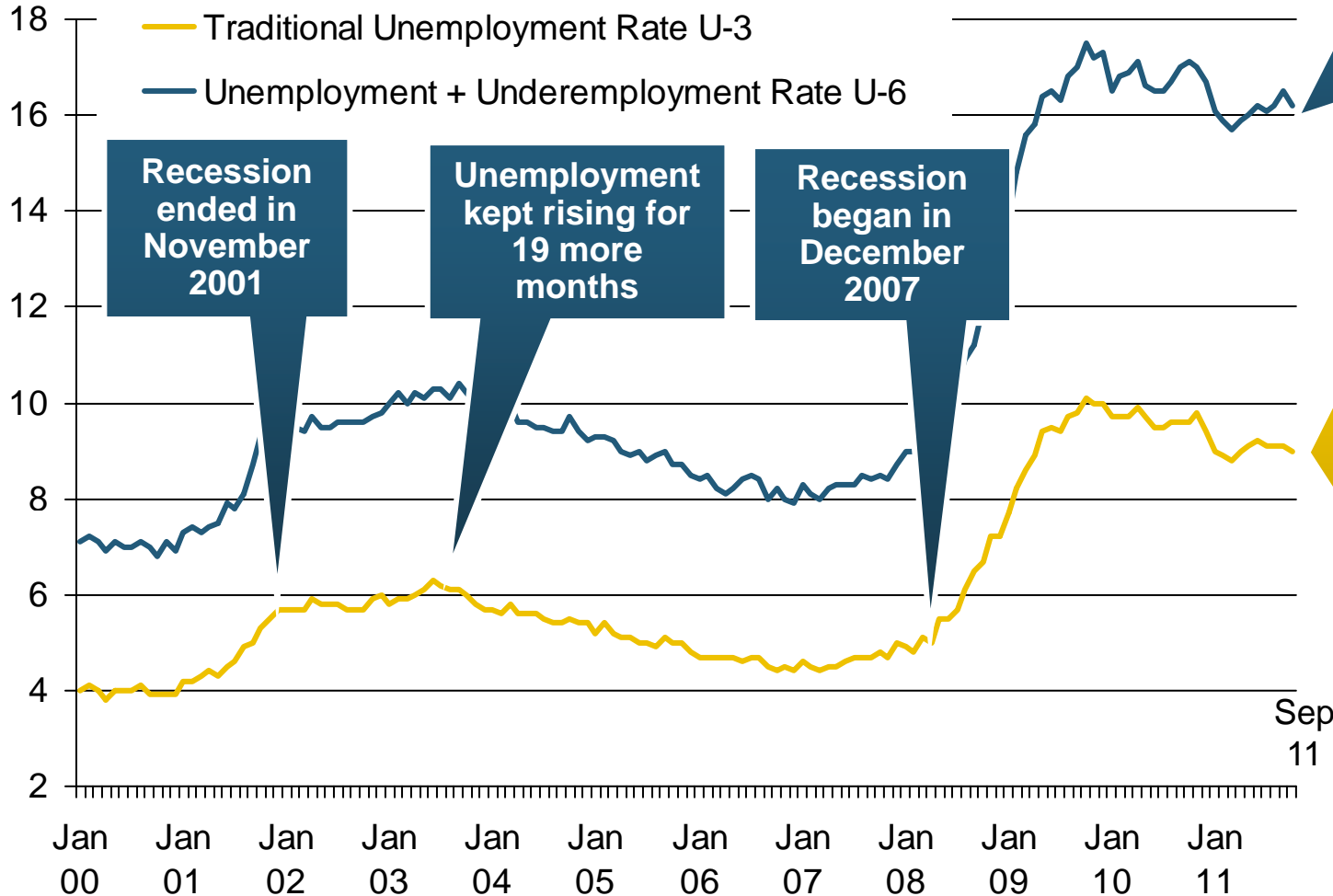
# Labor Market Trends

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



# Unemployment and Underemployment Rates: Stubbornly High in 2011

January 2000 through October 2011, Seasonally Adjusted (%)



**Recession ended in November 2001**

**Unemployment kept rising for 19 more months**

**Recession began in December 2007**

**U-6 went from 8.0% in March 2007 to 17.5% in October 2009; Stood at 16.2% in Oct. 2011**

**Unemployment stood at 9.0% in October**

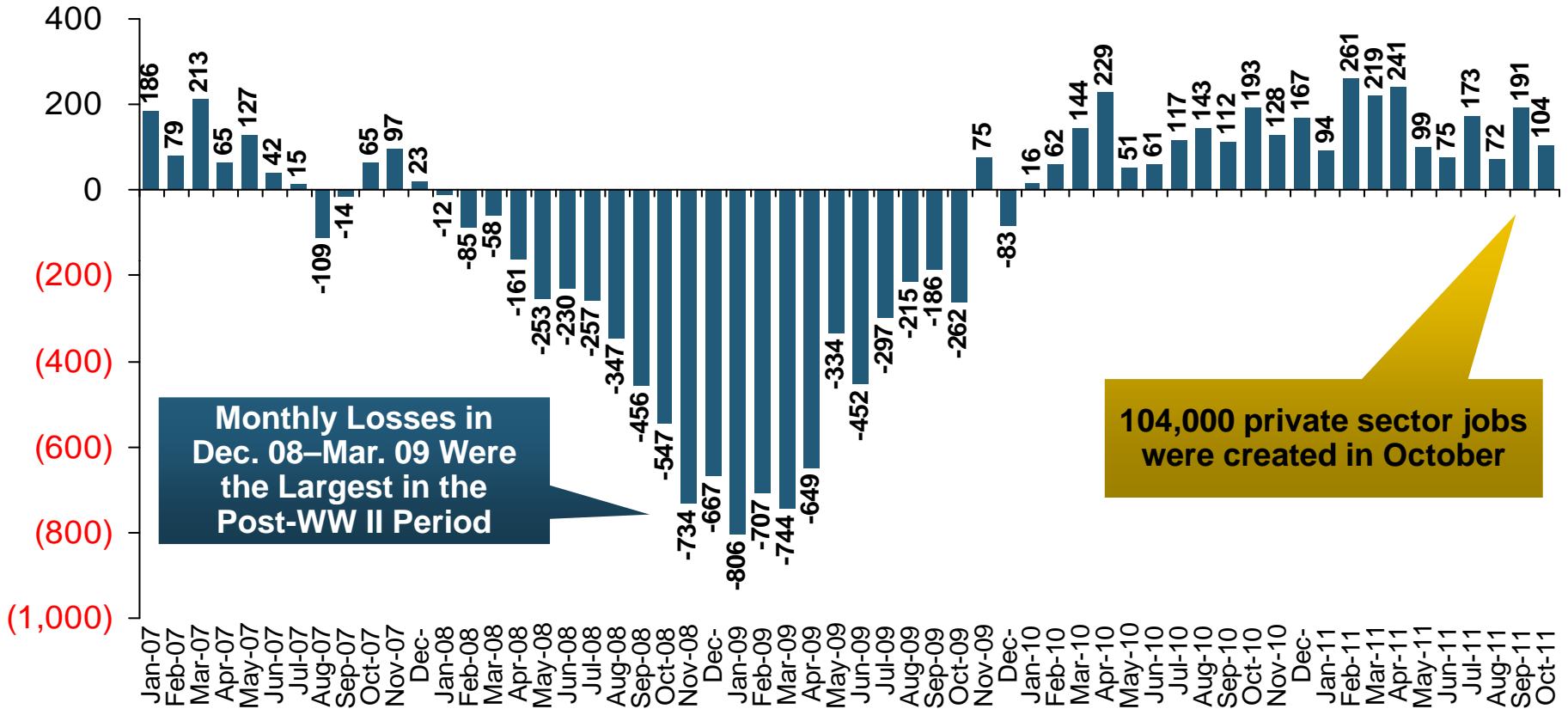
**Unemployment peaked at 10.1% in October 2009, highest monthly rate since 1983.**

**Peak rate in the last 30 years: 10.8% in November - December 1982**

**Stubbornly high unemployment and underemployment will constrain overall economic growth**

# Monthly Change in Private Employment

January 2008 through October 2011\* (Thousands)



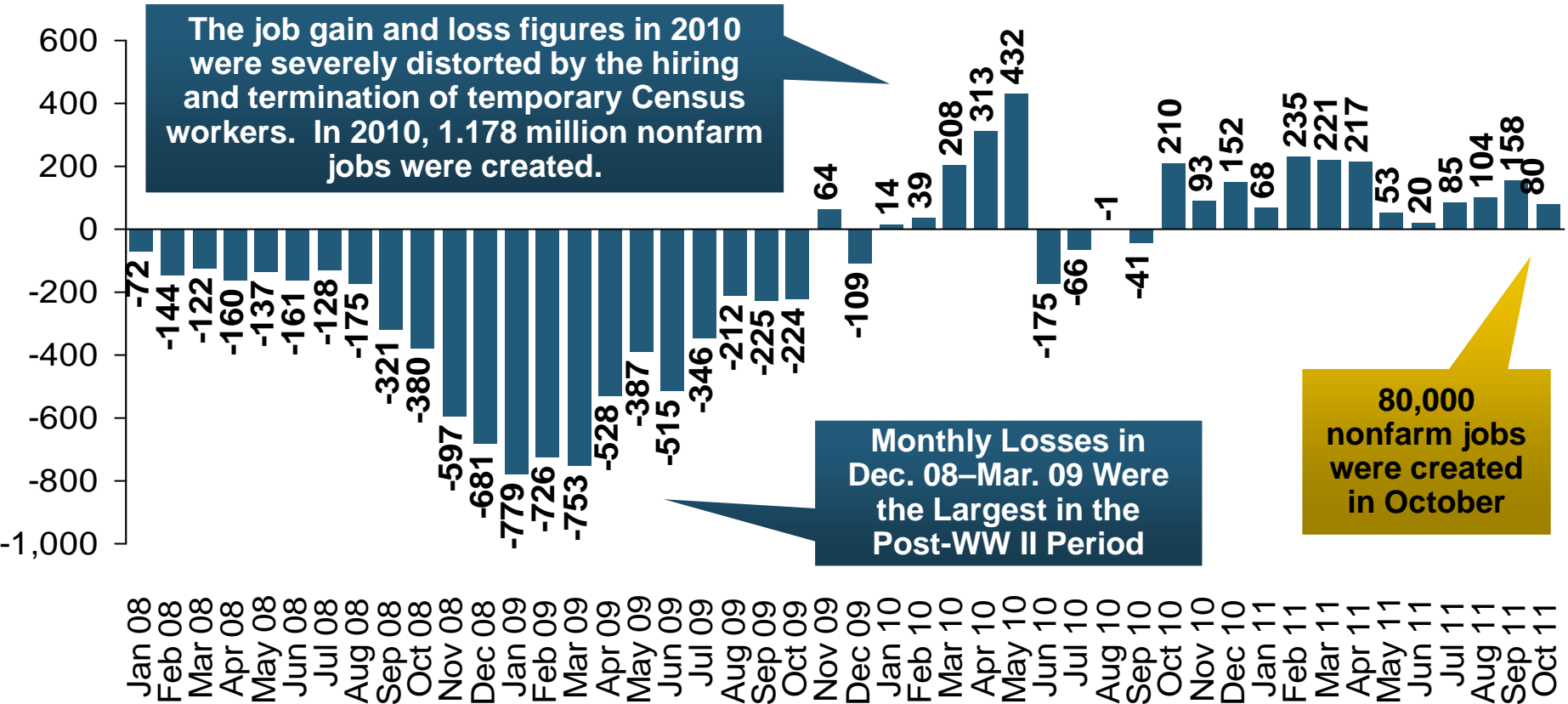
Monthly Losses in Dec. 08–Mar. 09 Were the Largest in the Post-WW II Period

104,000 private sector jobs were created in October

**Private Employers Added 2.952 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)**

# Monthly Change Employment\*

January 2008 through October 2011\* (Thousands)



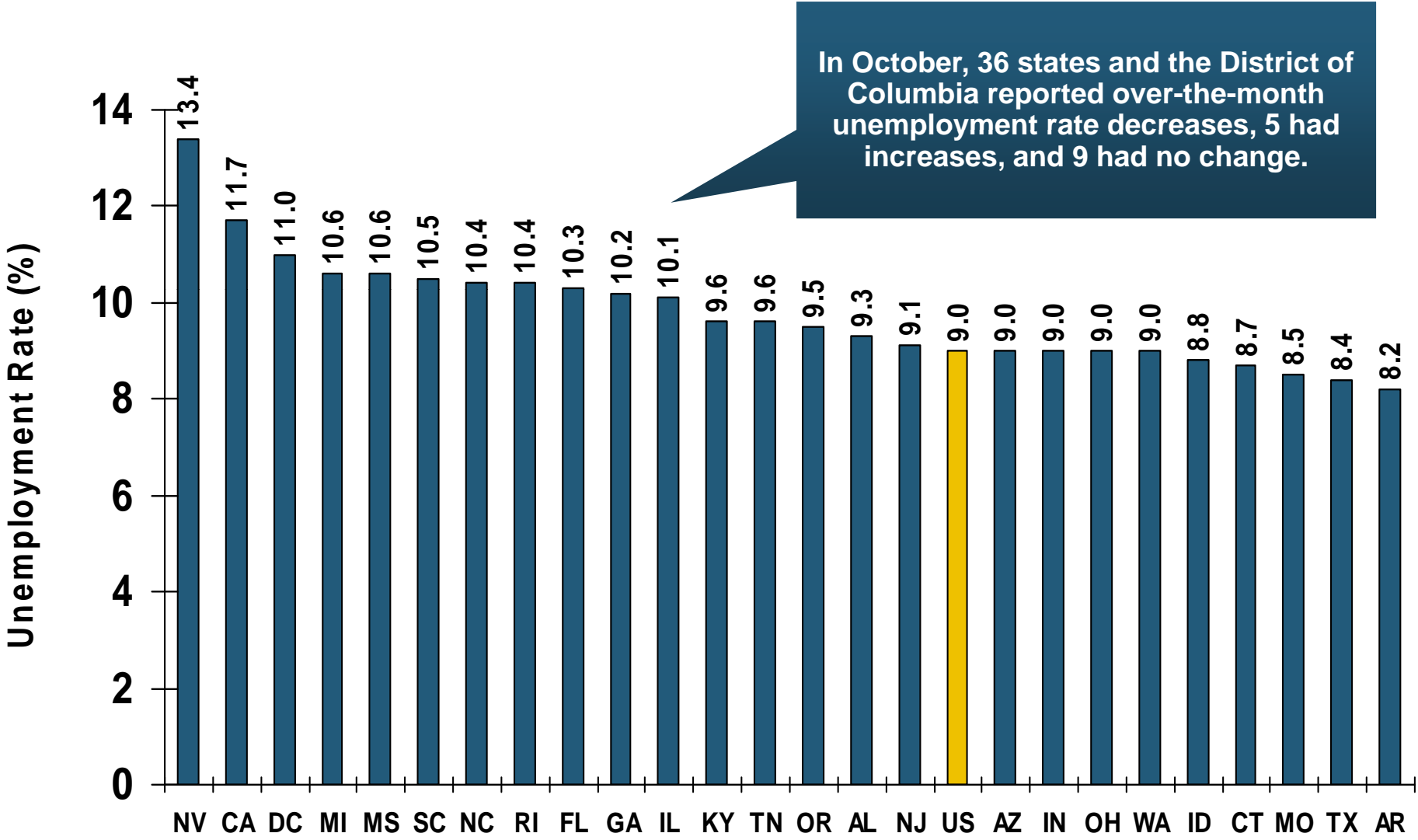
The job gain and loss figures in 2010 were severely distorted by the hiring and termination of temporary Census workers. In 2010, 1.178 million nonfarm jobs were created.

Monthly Losses in Dec. 08–Mar. 09 Were the Largest in the Post-WW II Period

80,000 nonfarm jobs were created in October

Job Losses Since the Recession Began in Dec. 2007 Peaked at 8.4 Mill in Dec. 09; 13.9 Million People are Now Defined as Unemployed

# Unemployment Rates by State, October 2011: Highest 25 States\*

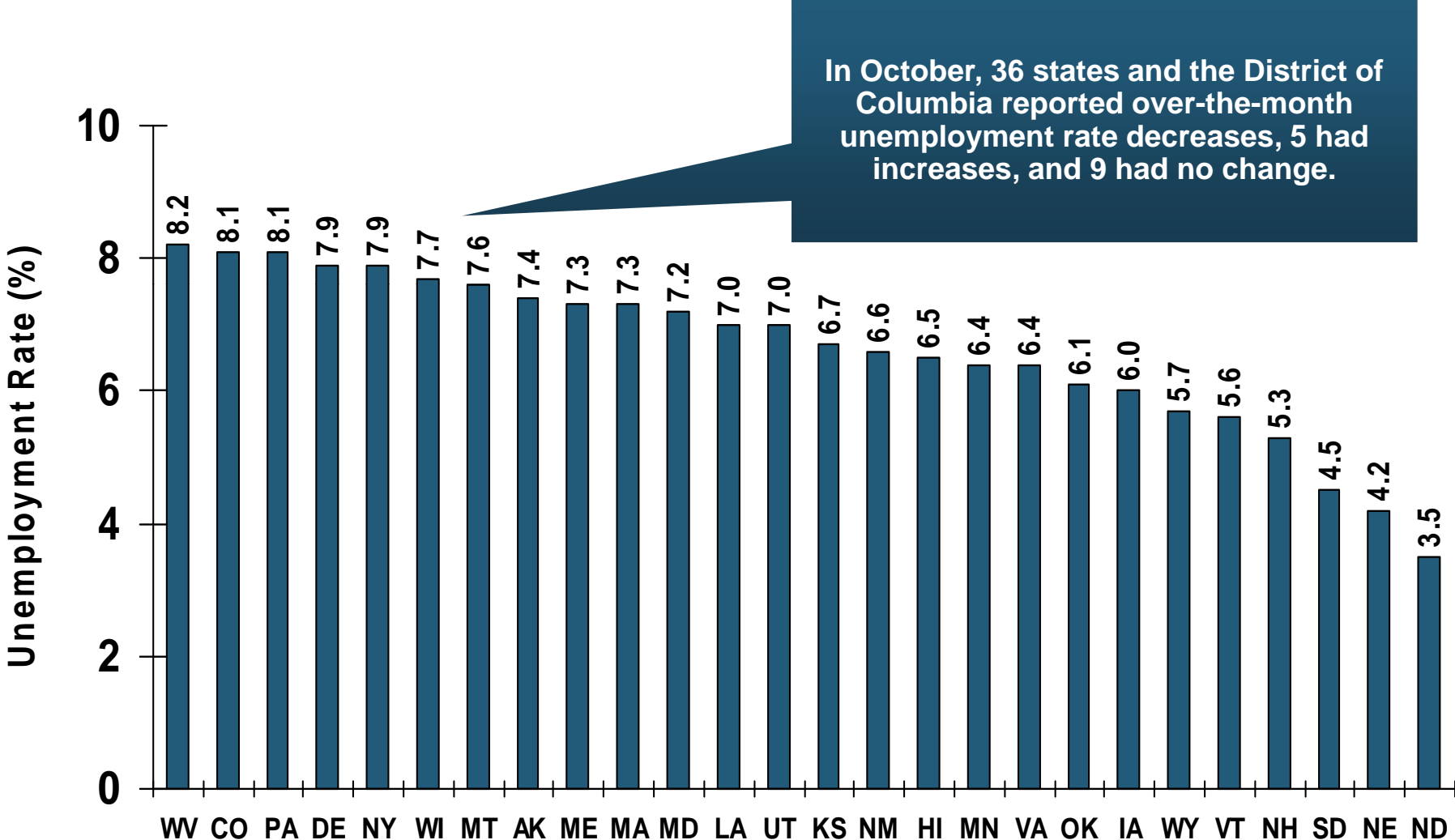


In October, 36 states and the District of Columbia reported over-the-month unemployment rate decreases, 5 had increases, and 9 had no change.

\*Provisional figures for October 2011, seasonally adjusted.

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

# Unemployment Rates By State, October 2011: Lowest 25 States\*

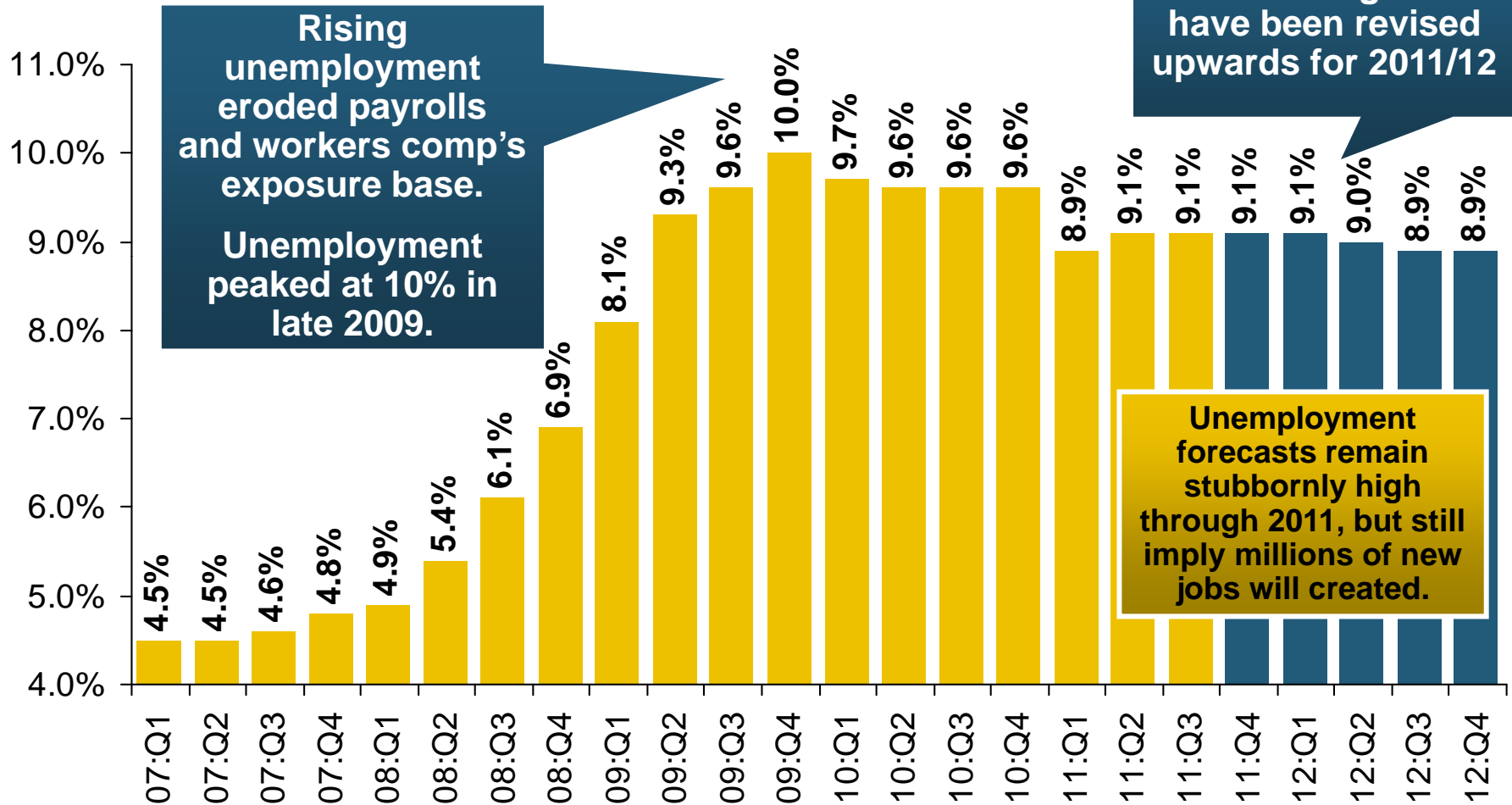


In October, 36 states and the District of Columbia reported over-the-month unemployment rate decreases, 5 had increases, and 9 had no change.

\*Provisional figures for October 2011, seasonally adjusted.  
Sources: US Bureau of Labor Statistics; Insurance Information Institute.

# US Unemployment Rate

2007:Q1 to 2012:Q4F\*



\*  = actual;  = forecasts

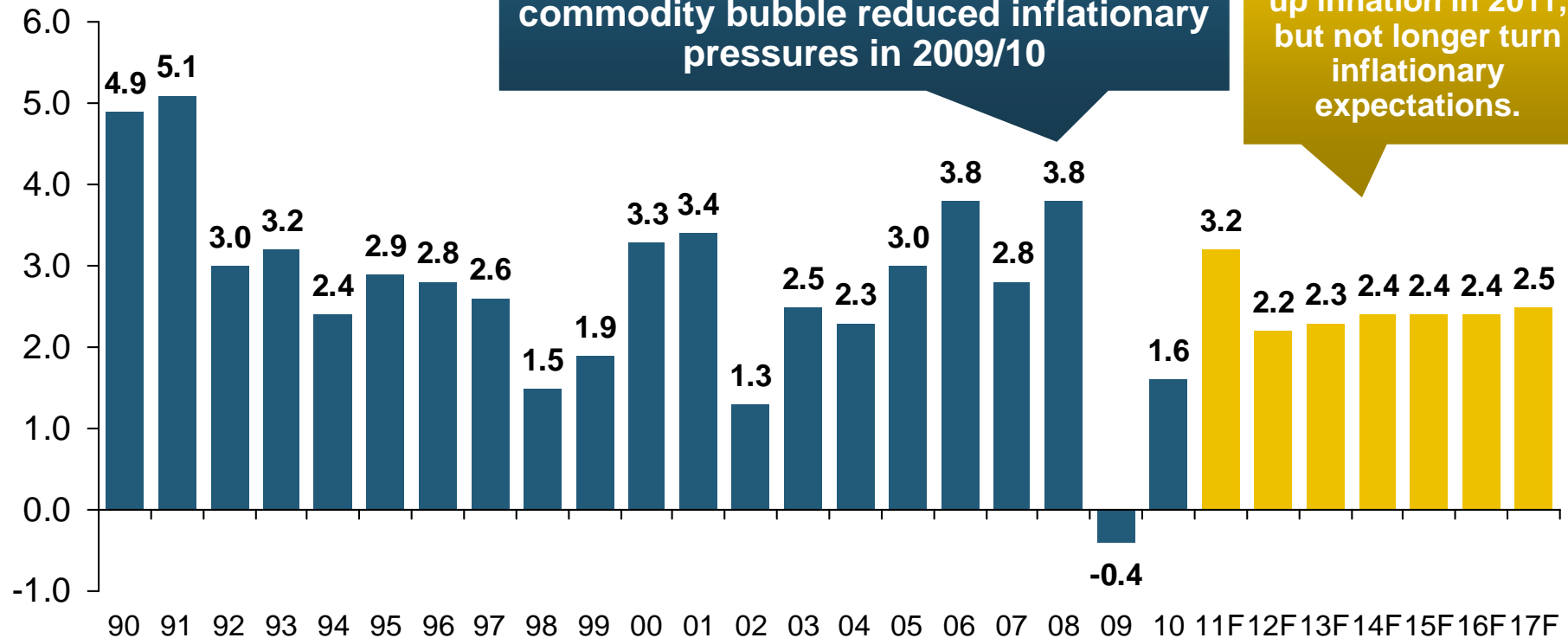
Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators (11/11); Insurance Information Institute

# Inflation

**Is it a Threat to Claim Cost  
Severities?**

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

Annual Inflation Rates (%)



Inflation peaked at 5.6% in August 2008 on high energy and commodity crisis. The recession and the collapse of the commodity bubble reduced inflationary pressures in 2009/10

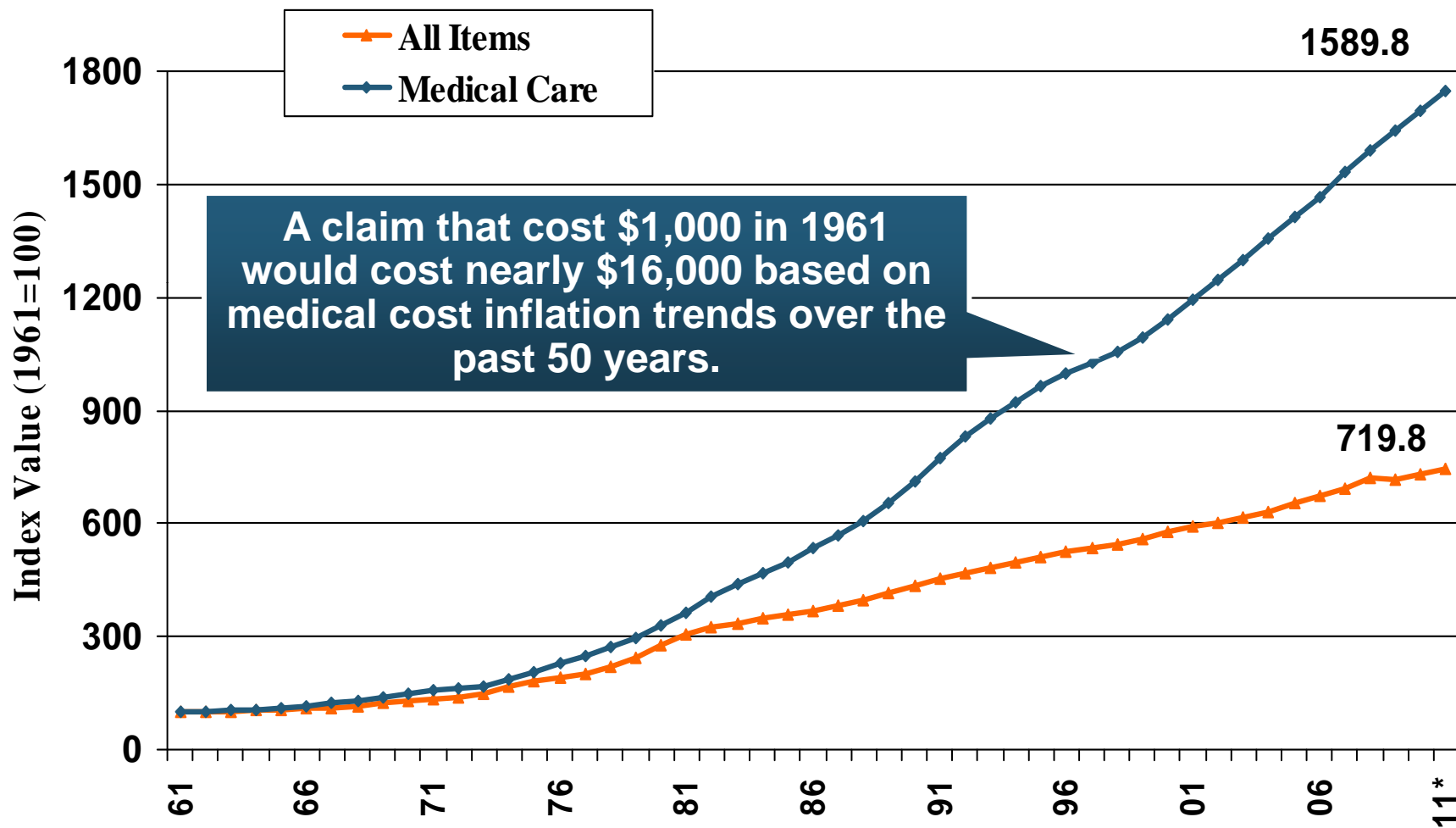
Higher energy, commodity and food prices are pushing up inflation in 2011, but not longer turn inflationary expectations.

The slack in the U.S. economy suggests that inflation should not heat up before 2012, but other forces (commodity prices, inflation in countries from which we import, etc.), plus U.S. debt burden, remain longer-run concerns

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

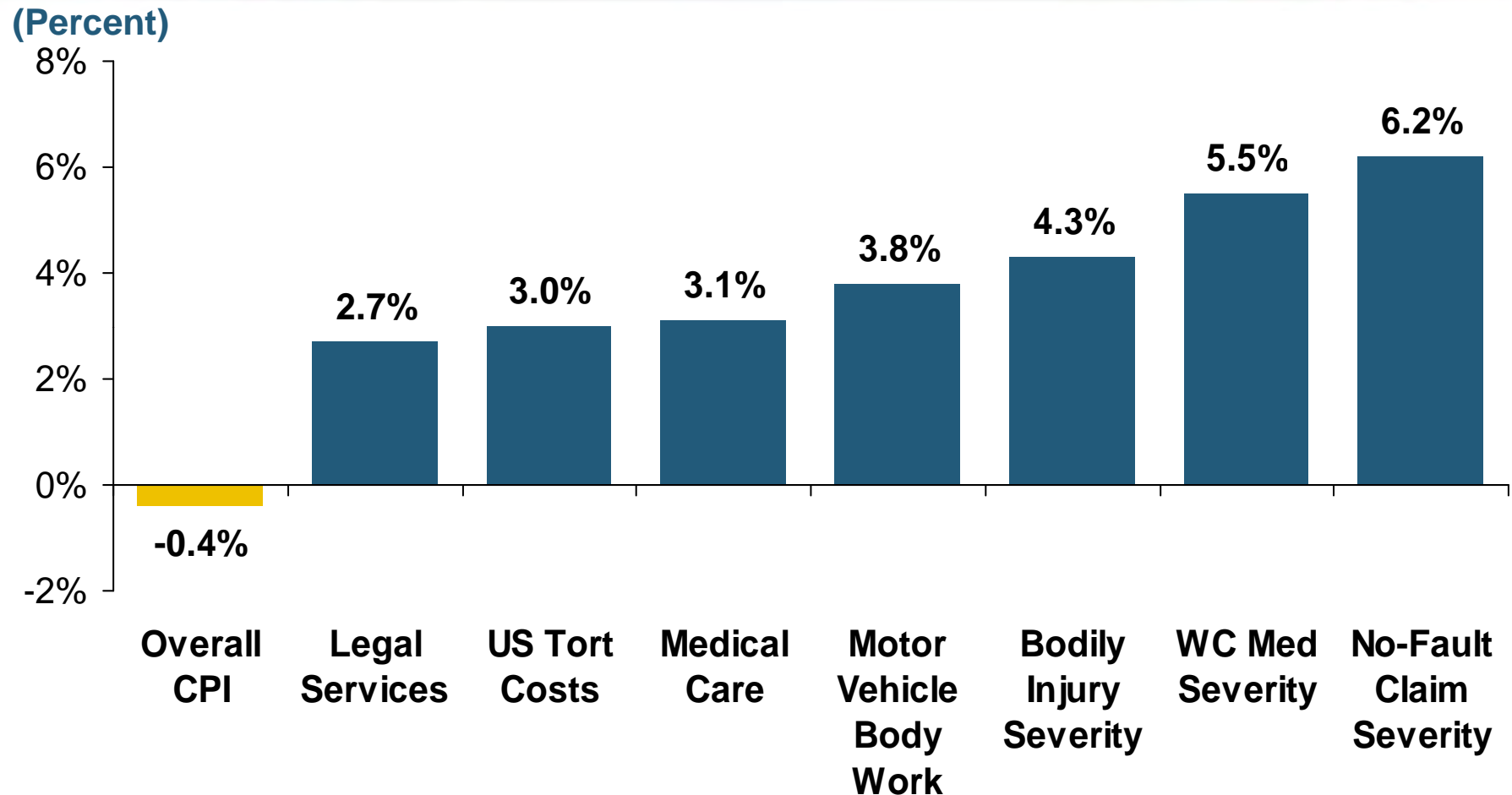


# Medical Cost Inflation Has Outpaced Overall Inflation Over 50 Years



\*Based on change from Feb. 2011 to Feb. 2010 (latest available)  
Source: Department of Labor (Bureau of Labor Statistics)

# P/C Insurers Experience Inflation More Intensely than 2009 CPI Suggests



**Healthcare and Legal/Tort Costs Are a Major P/C Insurance Cost Driver. These Are Expected to Increase Above the Overall Inflation Rate (CPI) Indefinitely**

Source: CPI is Blue Chip Economic Indicator 2009 estimate, 12/09; Legal services, medical care and motor vehicle body work are avg. monthly year-over-year change from BLS; BI and no-fault figures from ISO Fast Track data for 4 quarters ending 09:Q3. Tort costs is 2009 Towers-Perrin estimate. WC figure is I.I.I. estimate based on historical NCCI data.

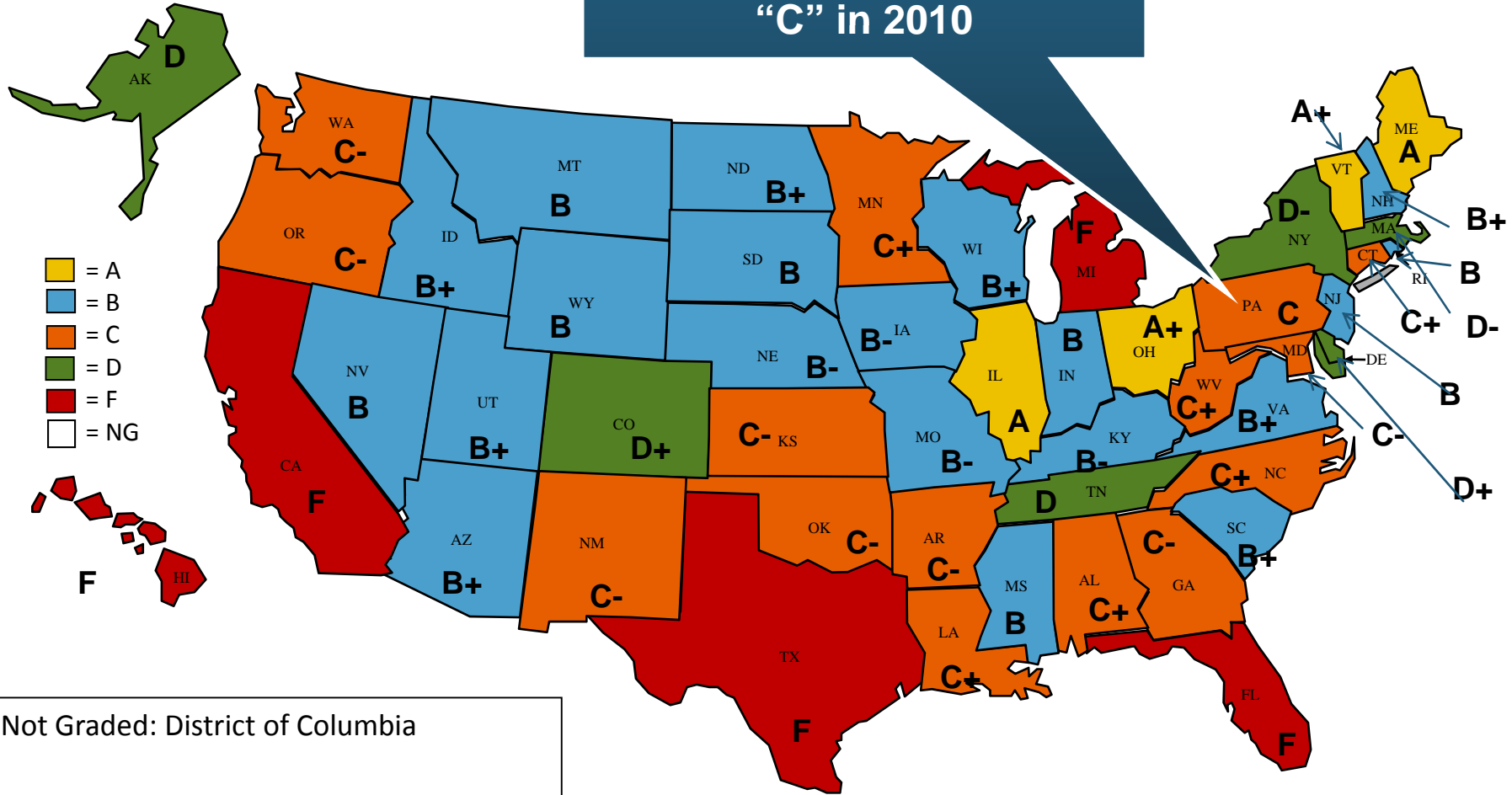


# Regulatory Environment & Financial Services Reform

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

# 2010 Property and Casualty Insurance Regulatory Report Card

Pennsylvania's regulatory environment got a grade of "C" in 2010



Not Graded: District of Columbia

**Insurance Information Institute Online:**

**[www.iii.org](http://www.iii.org)**

***Thank you for your time  
and your attention!***

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