



Overview and Outlook for the P/C Insurance Industry *Behind the Numbers*

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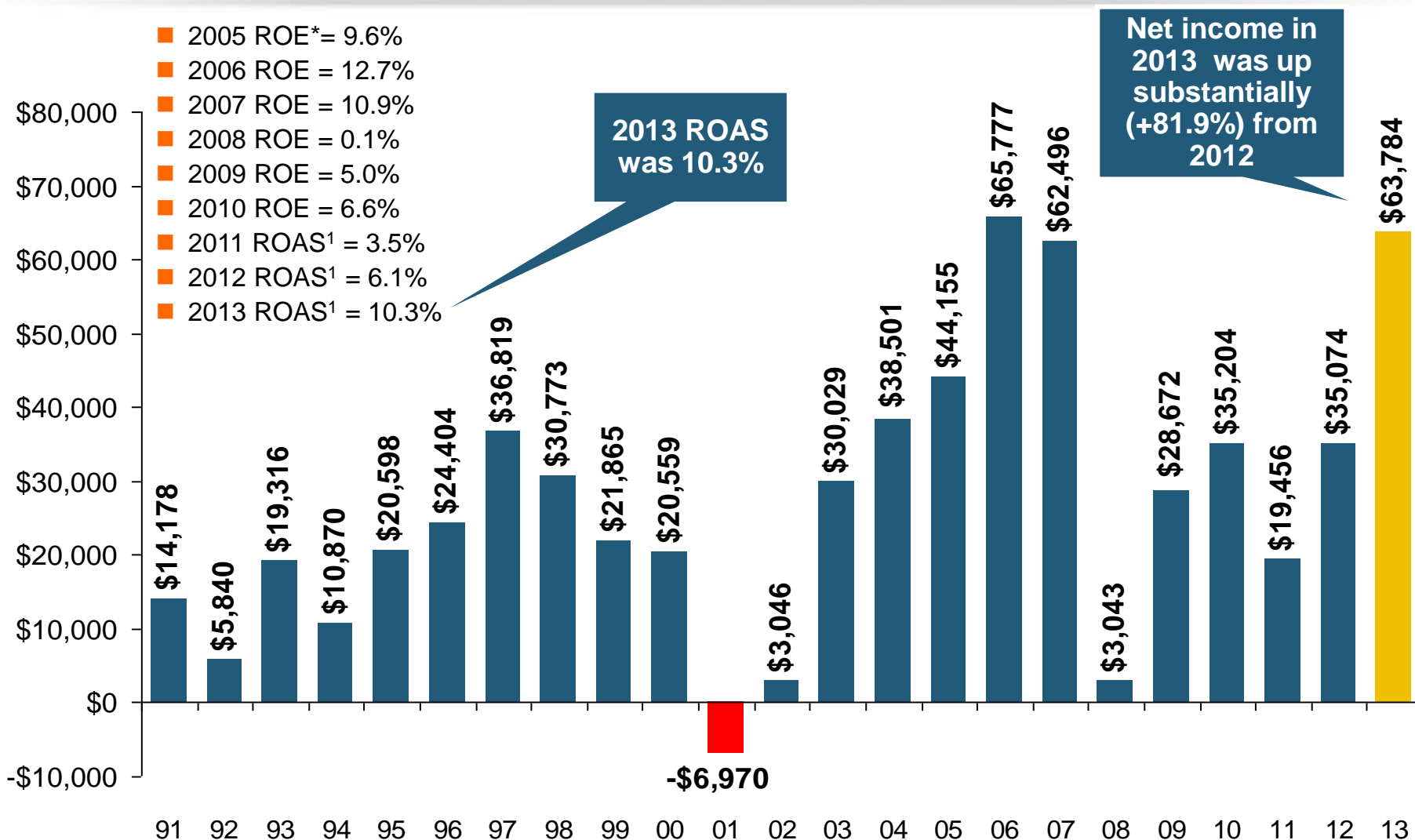
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P/C Insurance Industry Financial Overview

**2013: Best Year in the
Post-Crisis Era**

**Performance Improved with
Lower CATs, Strong Markets**

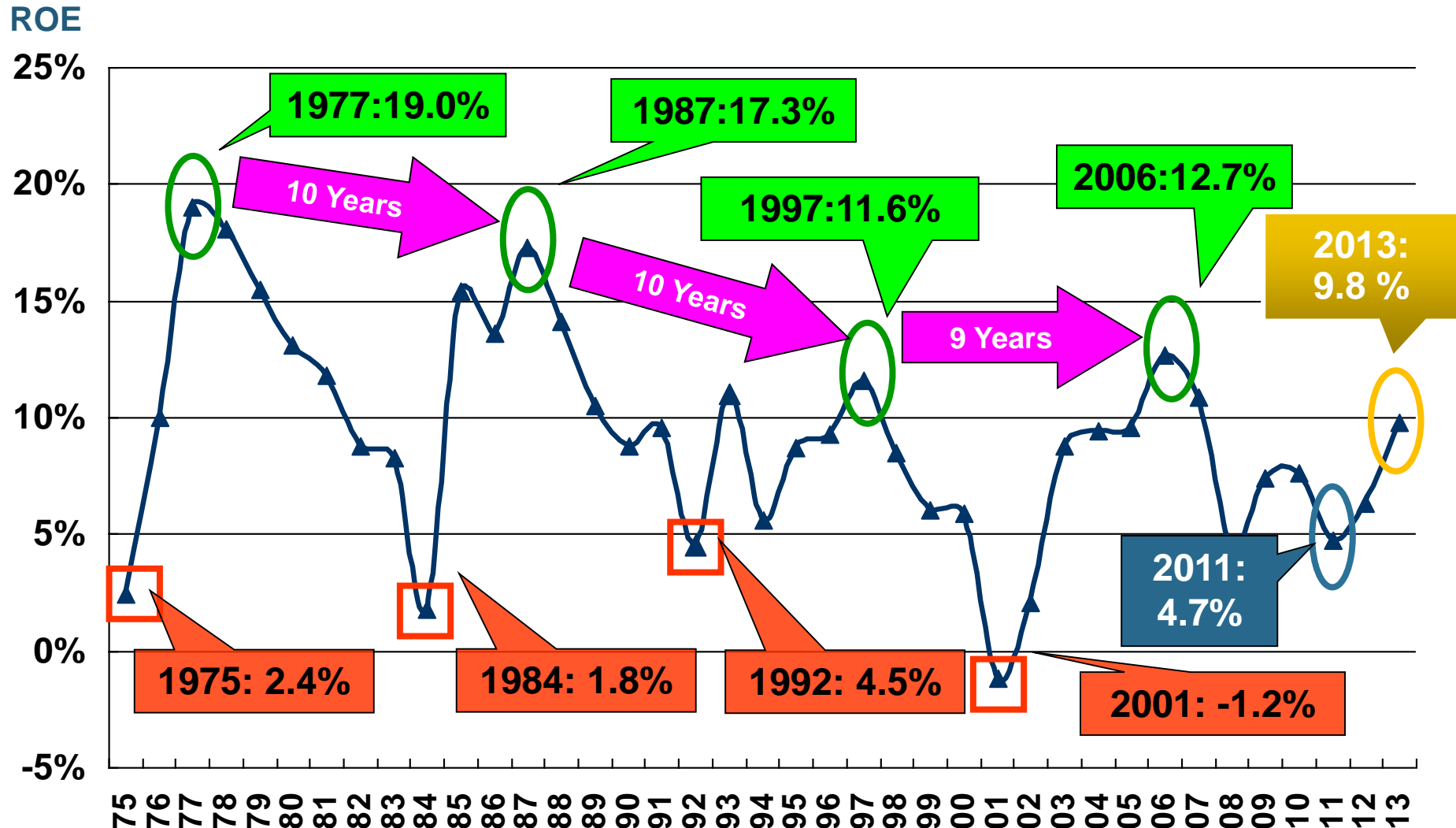
P/C Net Income After Taxes 1991–2013 (\$ Millions)



*ROE figures are GAAP; ¹Return on avg. surplus. Excluding Mortgage & Financial Guaranty insurers yields a 9.8% ROAS in 2013, 6.3% ROAS in 2012, 4.7% ROAS for 2011, 7.6% for 2010 and 7.4% for 2009.

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

Profitability Peaks & Troughs in the P/C Insurance Industry, 1975 – 2013*



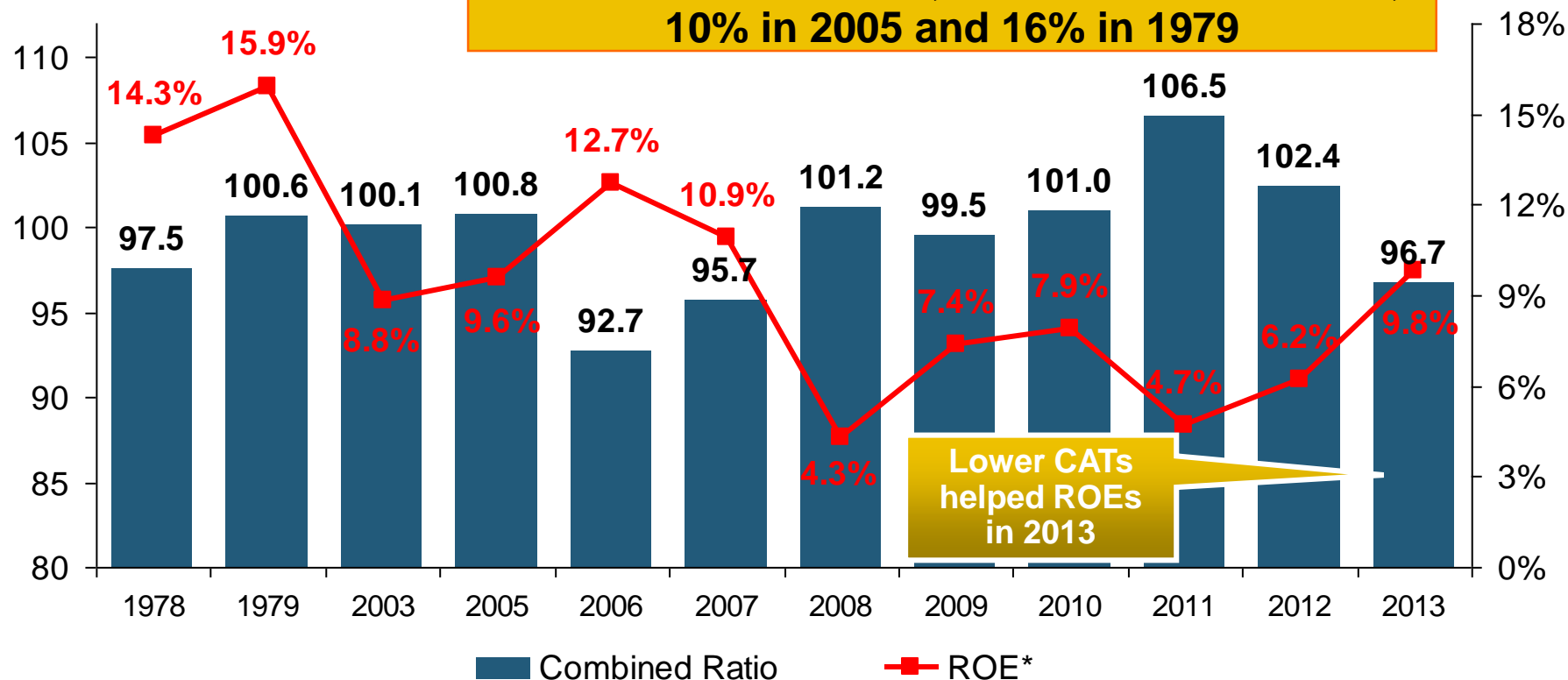
*Profitability = P/C insurer ROEs. 2011-13 figures are estimates based on ROAS data. Note: Data for 2008-2013 exclude mortgage and financial guaranty insurers.

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

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

Combined Ratio / ROE

A combined ratio of about 100 generates an ROE of ~7.0% in 2012, ~7.5% ROE in 2009/10, 10% in 2005 and 16% in 1979



Lower CATs
helped ROEs
in 2013

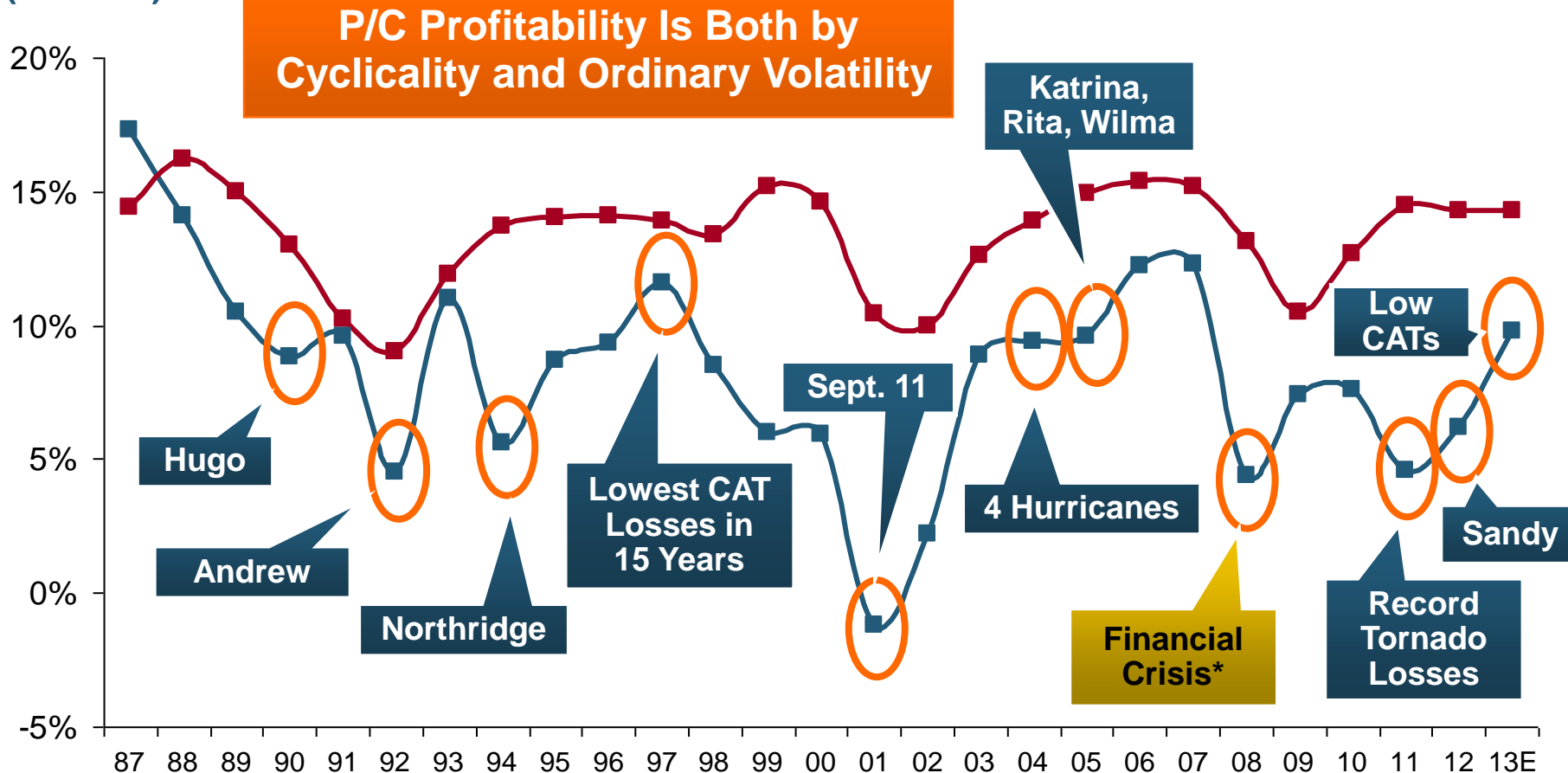
Combined Ratios Must Be Lower in Today's Depressed Investment Environment to Generate Risk Appropriate ROEs

* 2008 -2013 figures are return on average surplus and exclude mortgage and financial guaranty insurers. 2013 combined ratio including M&FG insurers is 96.1; 2012 =103.2, 2011 = 108.1, ROAS = 3.5%.

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

ROE: Property/Casualty Insurance vs. Fortune 500, 1987–2013E*

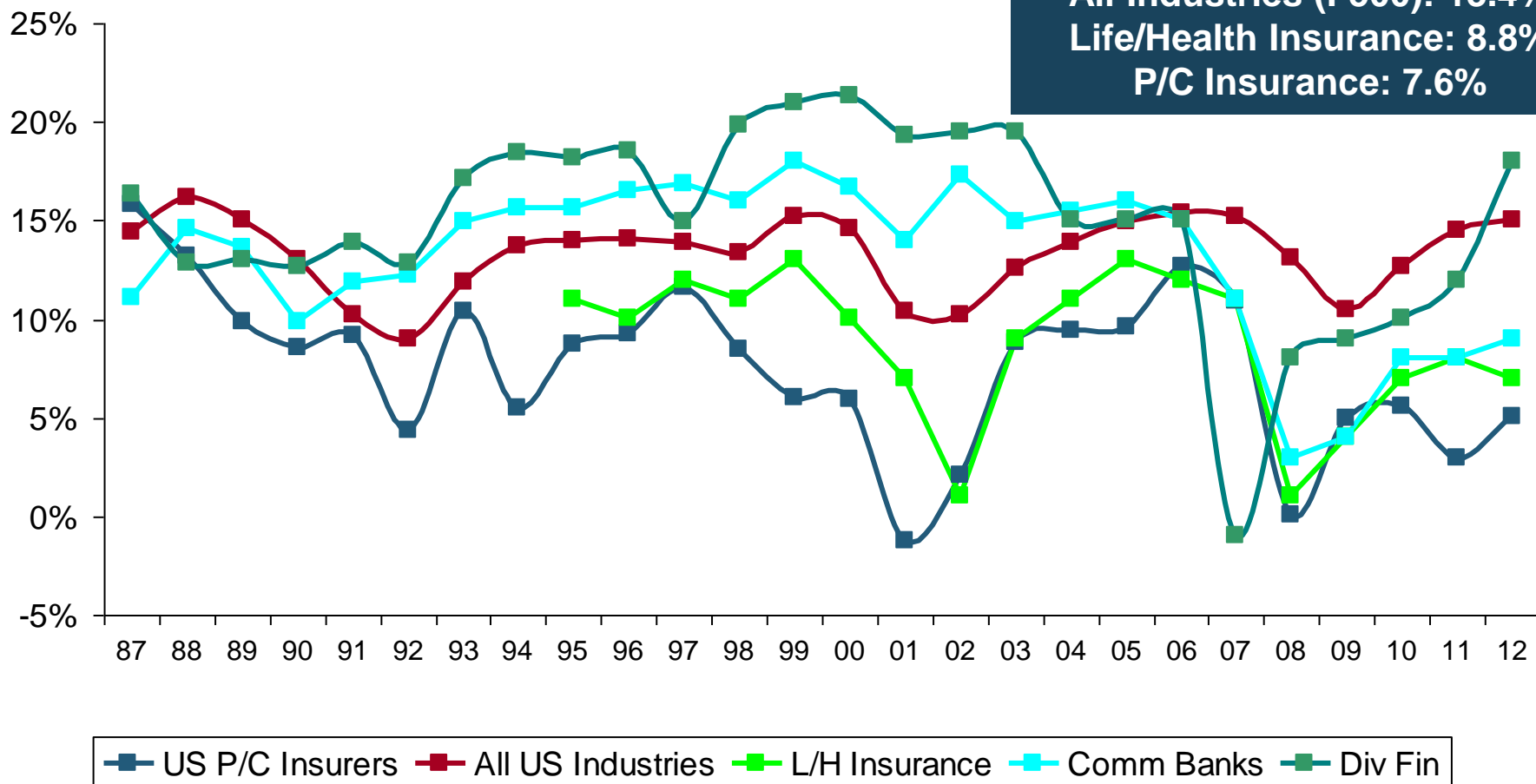
(Percent)



* Excludes Mortgage & Financial Guarantee in 2008 – 2013. 2013 Fortune 500 figure is I.I.I. estimate.
Sources: ISO, *Fortune*; Insurance Information Institute.

ROE: ROEs by Industry vs. Fortune 500, 1987–2012*

(Percent)

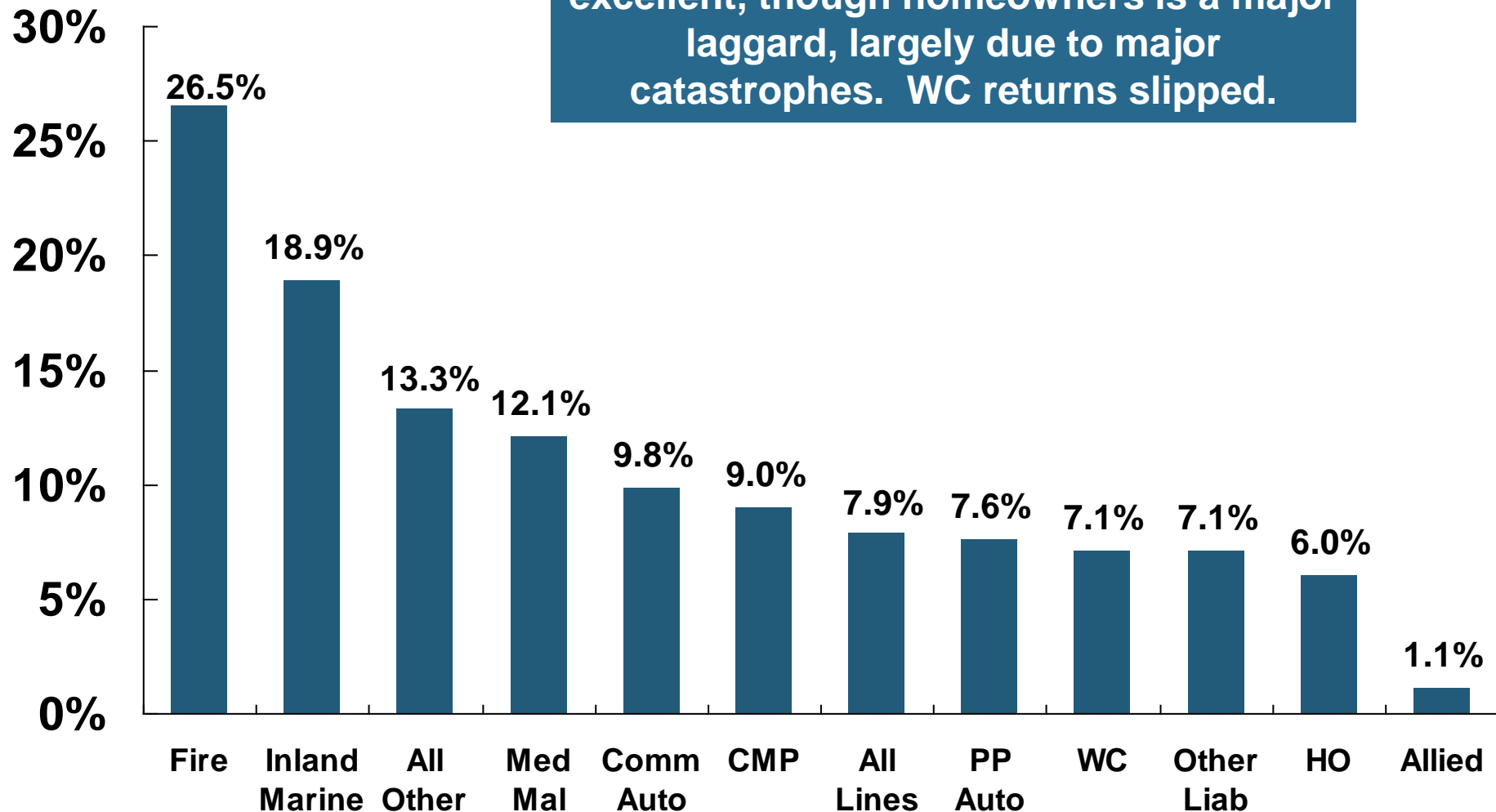


* All figures are GAAP.

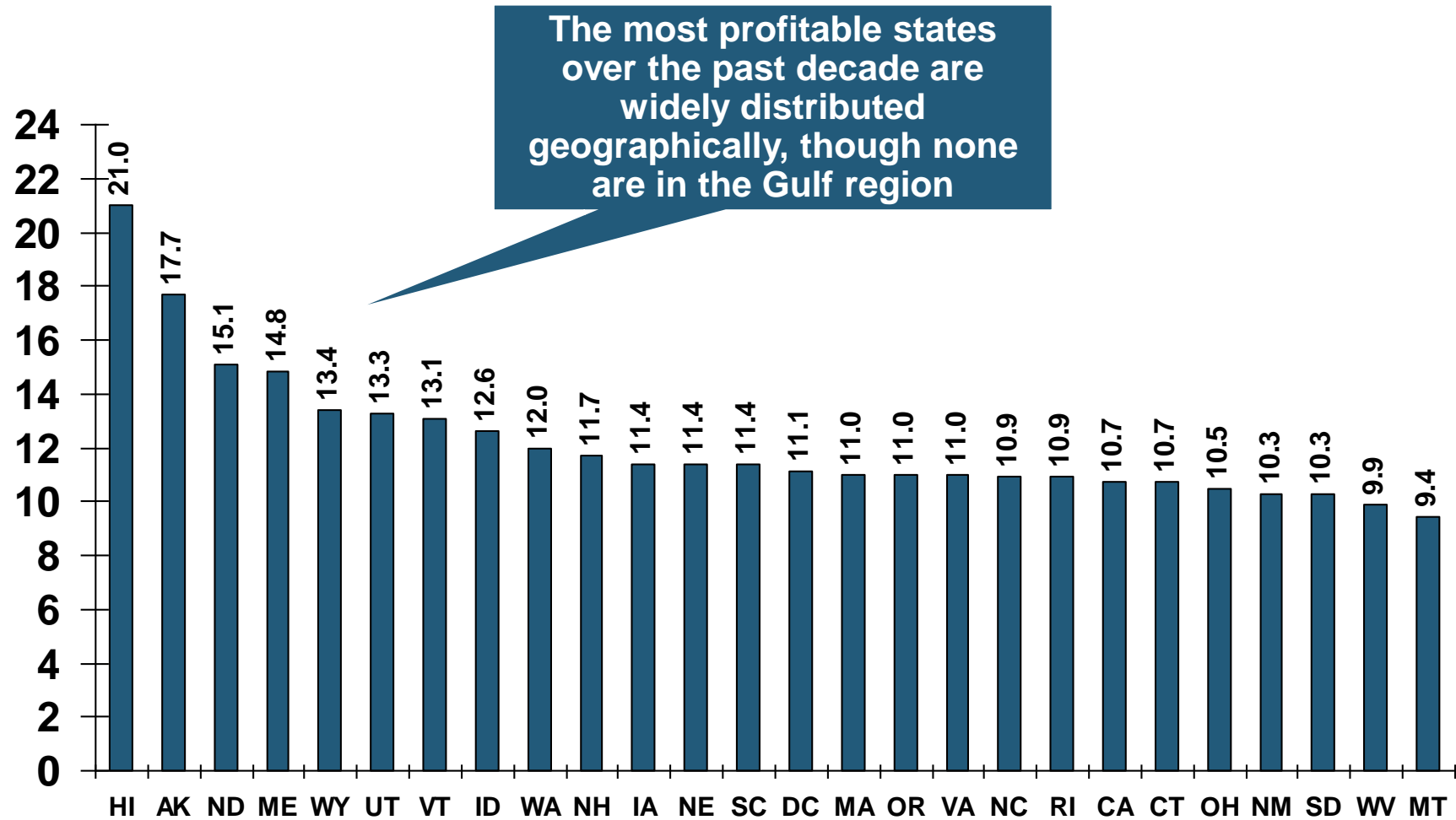
Sources: ISO, *Fortune*; Insurance Information Institute.

RNW for Major P/C Lines, 2003-2012 Average

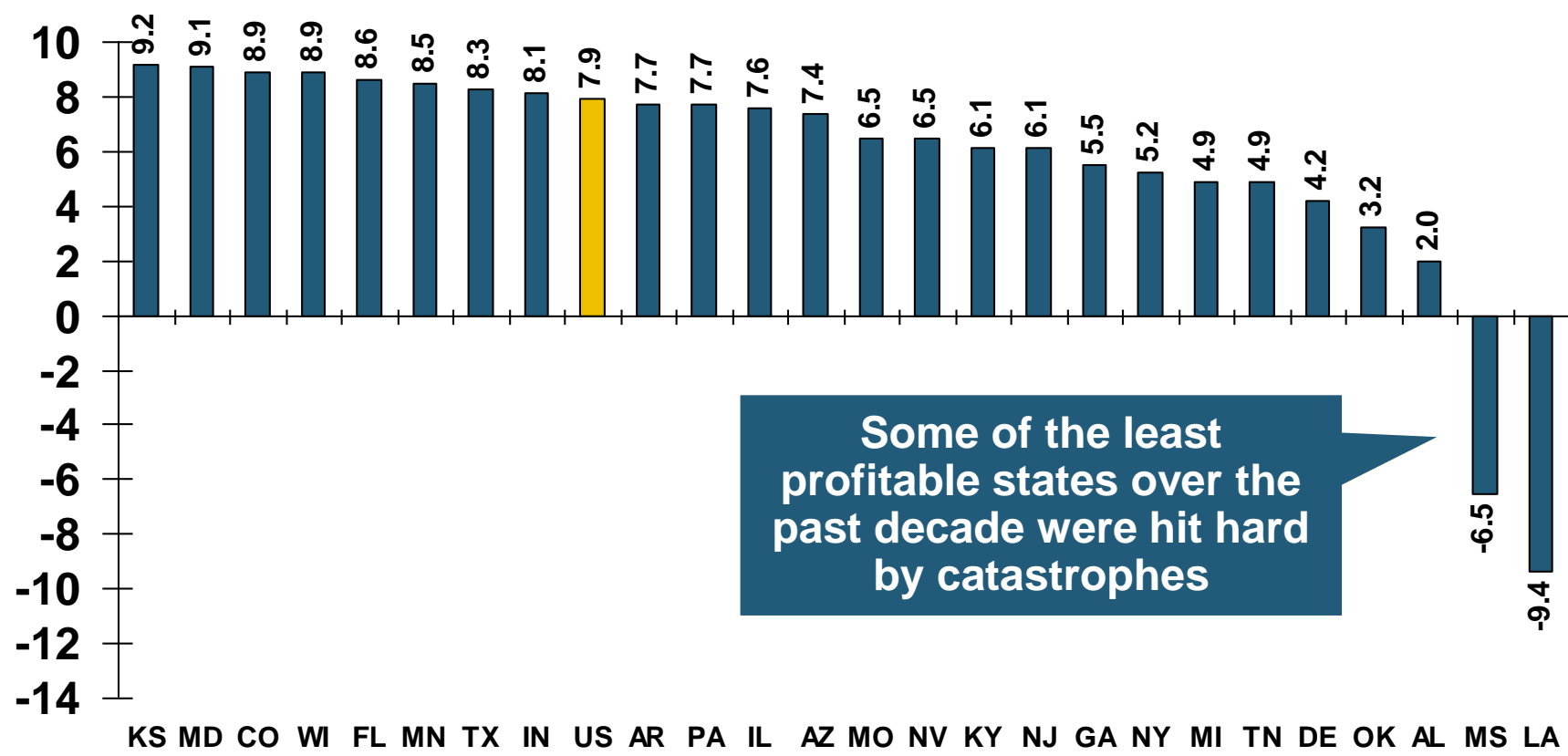
10-year returns for some lines are excellent, though homeowners is a major laggard, largely due to major catastrophes. WC returns slipped.



RNW All Lines by State, 2003-2012 Average: Highest 25 States

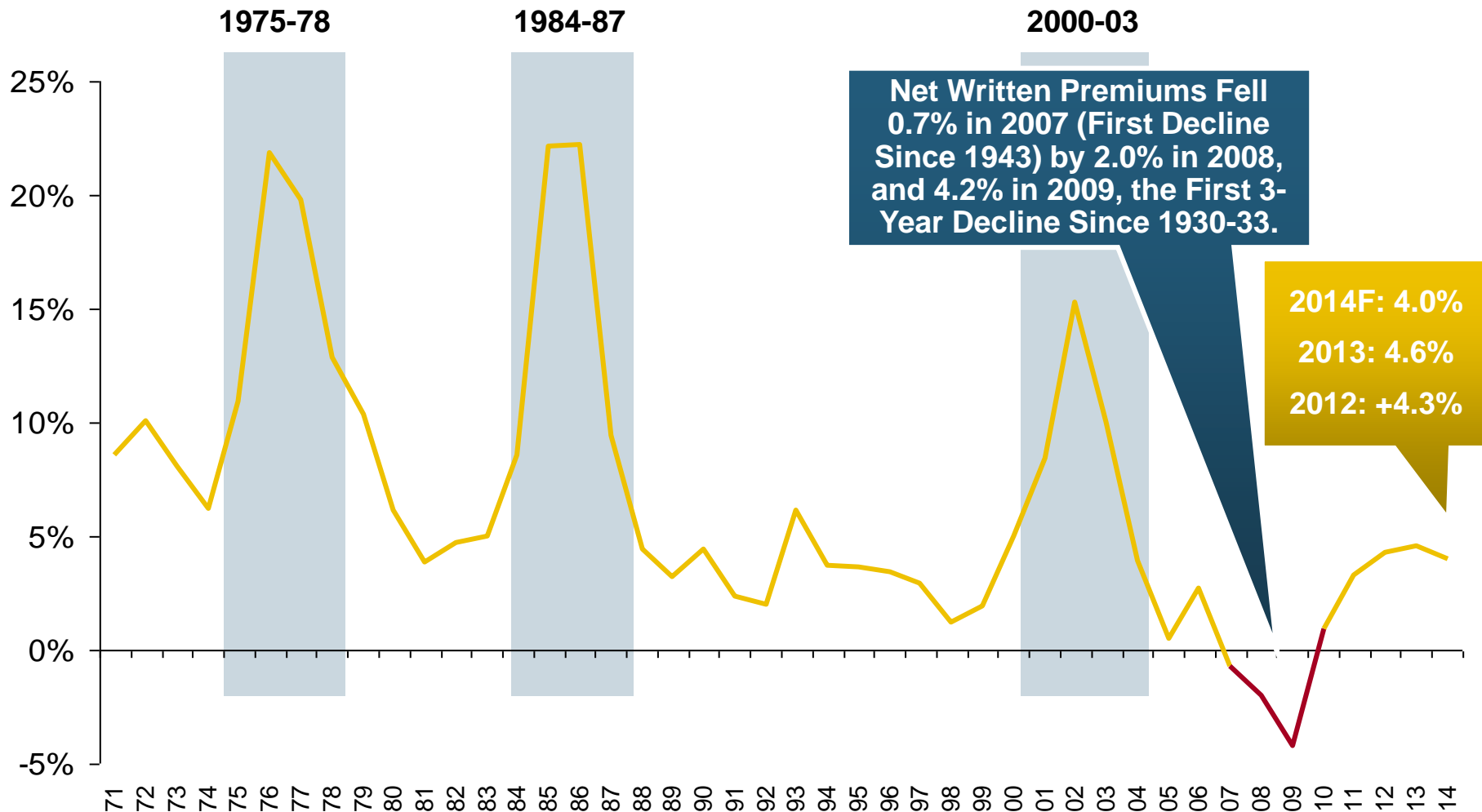


RNW All Lines by State, 2003-2012 Average: Lowest 25 States



Net Premium Growth: Annual Change, 1971—2014F

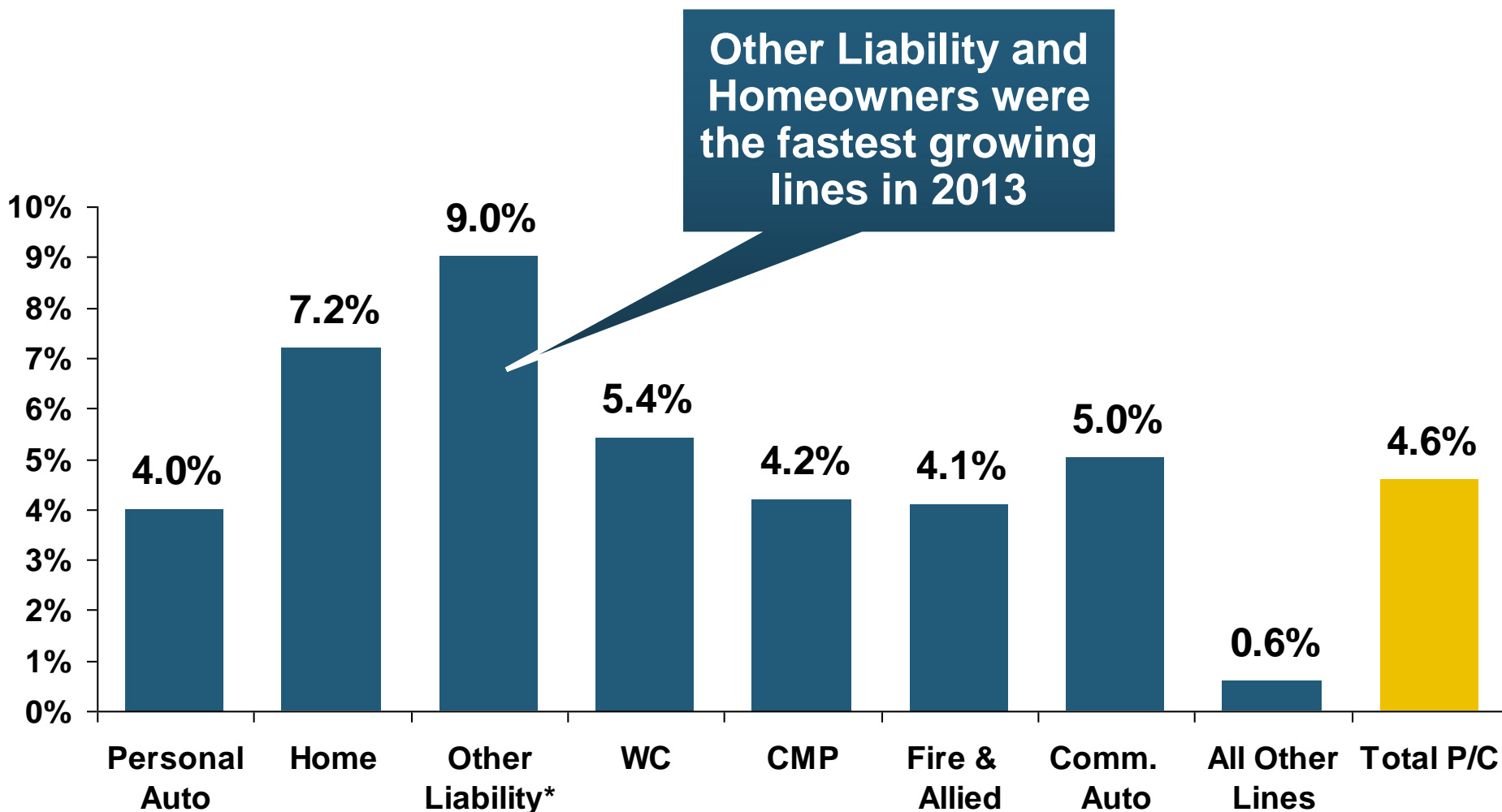
(Percent)



Shaded areas denote "hard market" periods

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

Growth by Major P/C Line, 2013



*Includes Products Liability.

Source: Annual Statement data for by line statistics; NCCI for WC; ISO for Total P/C; Insurance Information Institute.

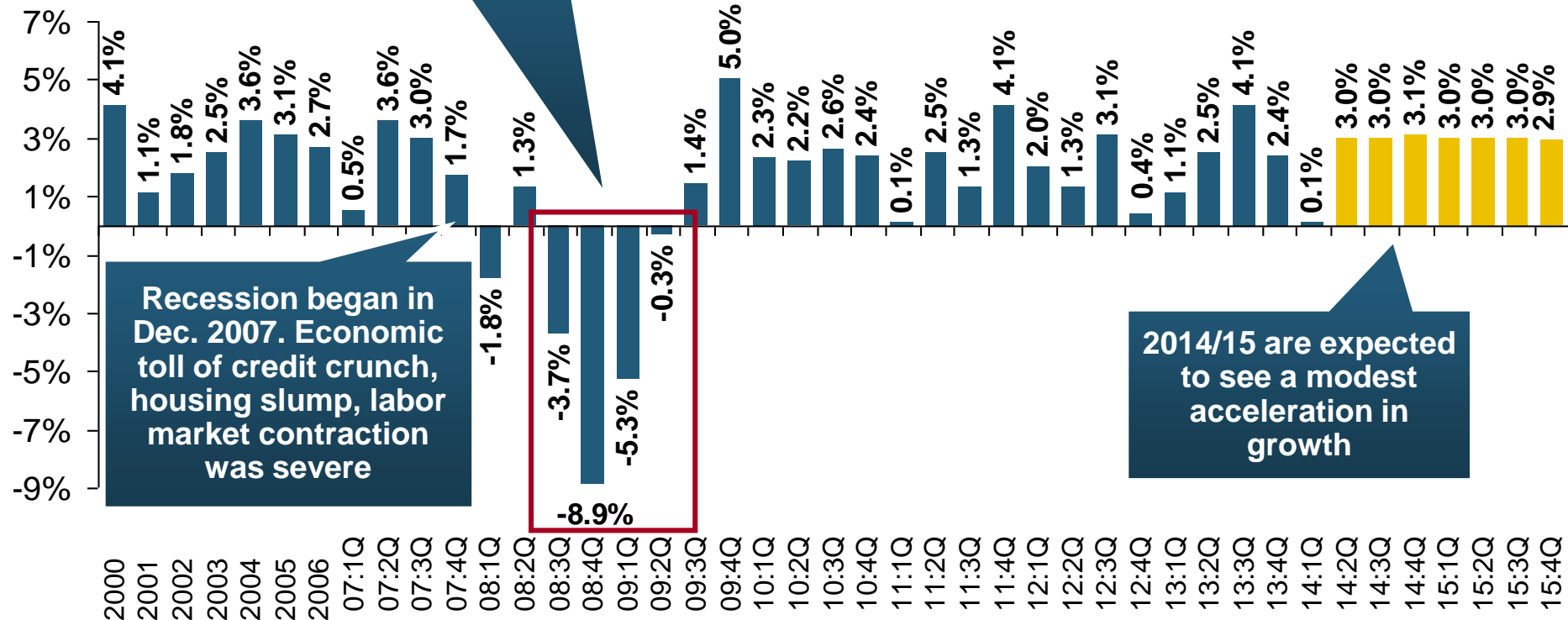
The Strength of the Economy Will Influence P/C Insurer Growth Opportunities

**Growth Will Expand Insurer Exposure
Base Across Most Lines**

US Real GDP Growth*

Real GDP Growth (%)

The Q4:2008 decline was the steepest since the Q1:1982 drop of 6.8%

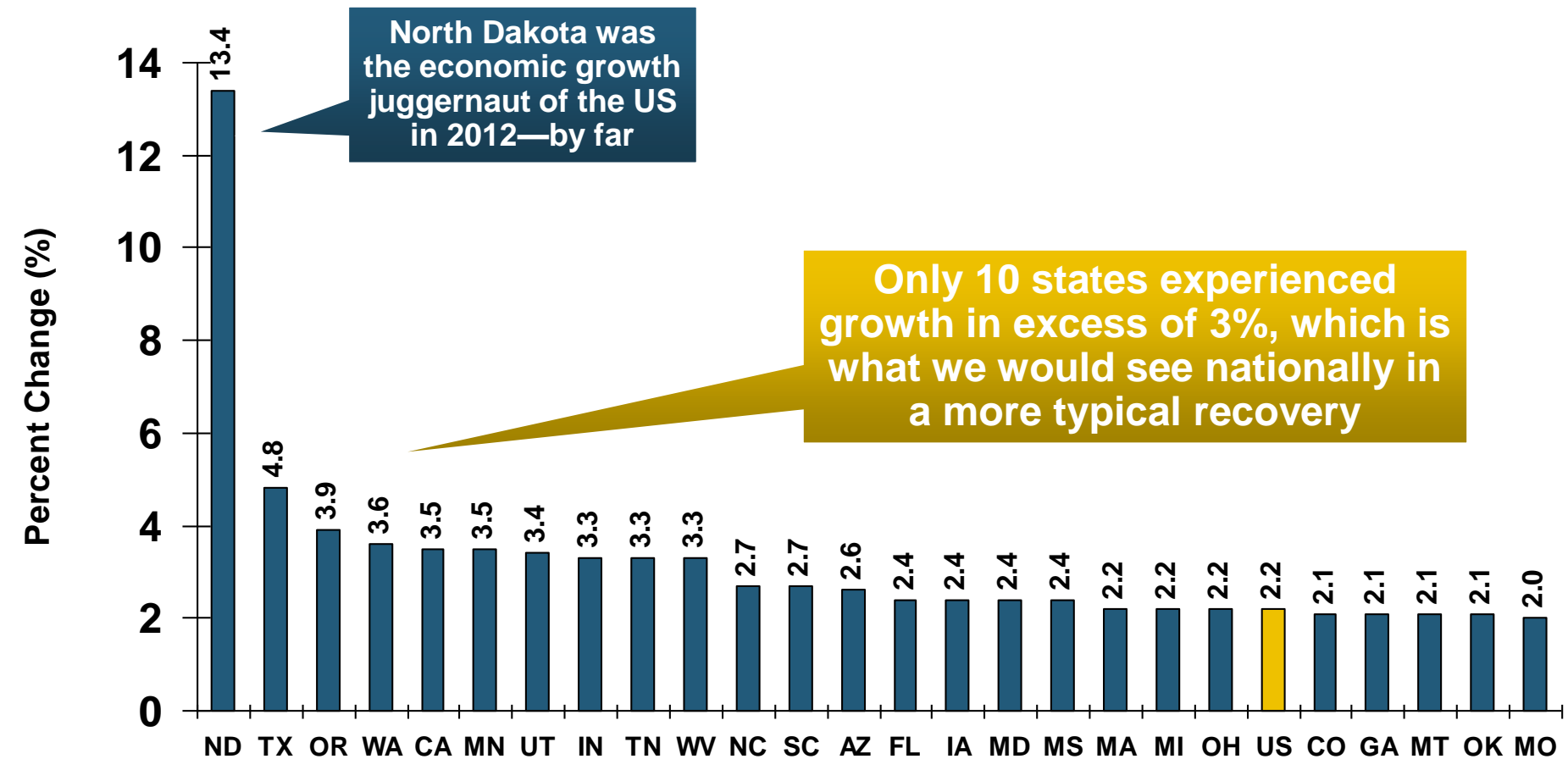


Demand for Insurance Should Increase in 2014/15 as GDP Growth Accelerates Modestly and Gradually Benefits the Economy Broadly

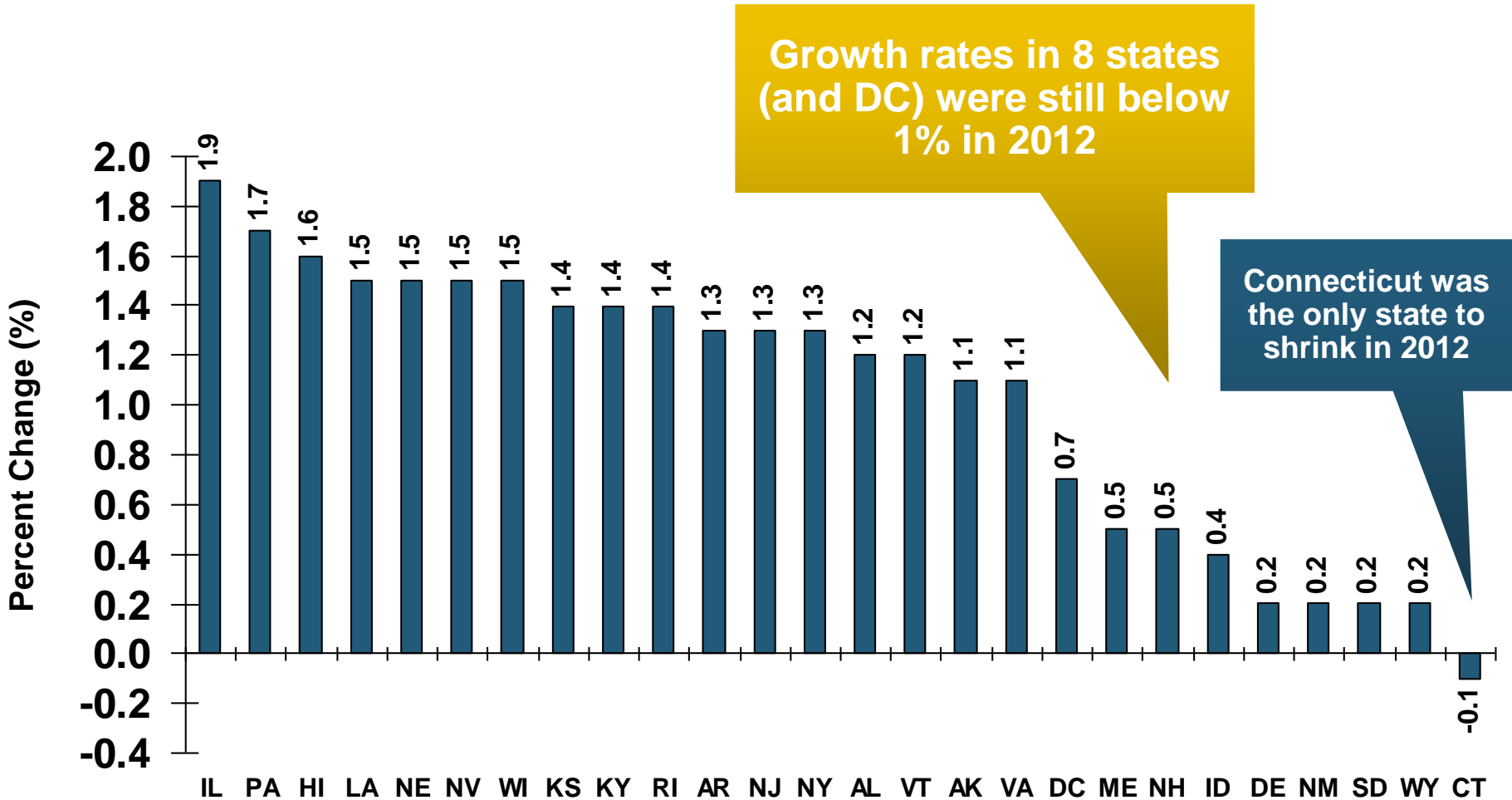
* Estimates/Forecasts from Blue Chip Economic Indicators.

Source: US Department of Commerce, Blue Economic Indicators 4/14; Insurance Information Institute.

Real GDP by State Percent Change, 2012: Highest 25 States

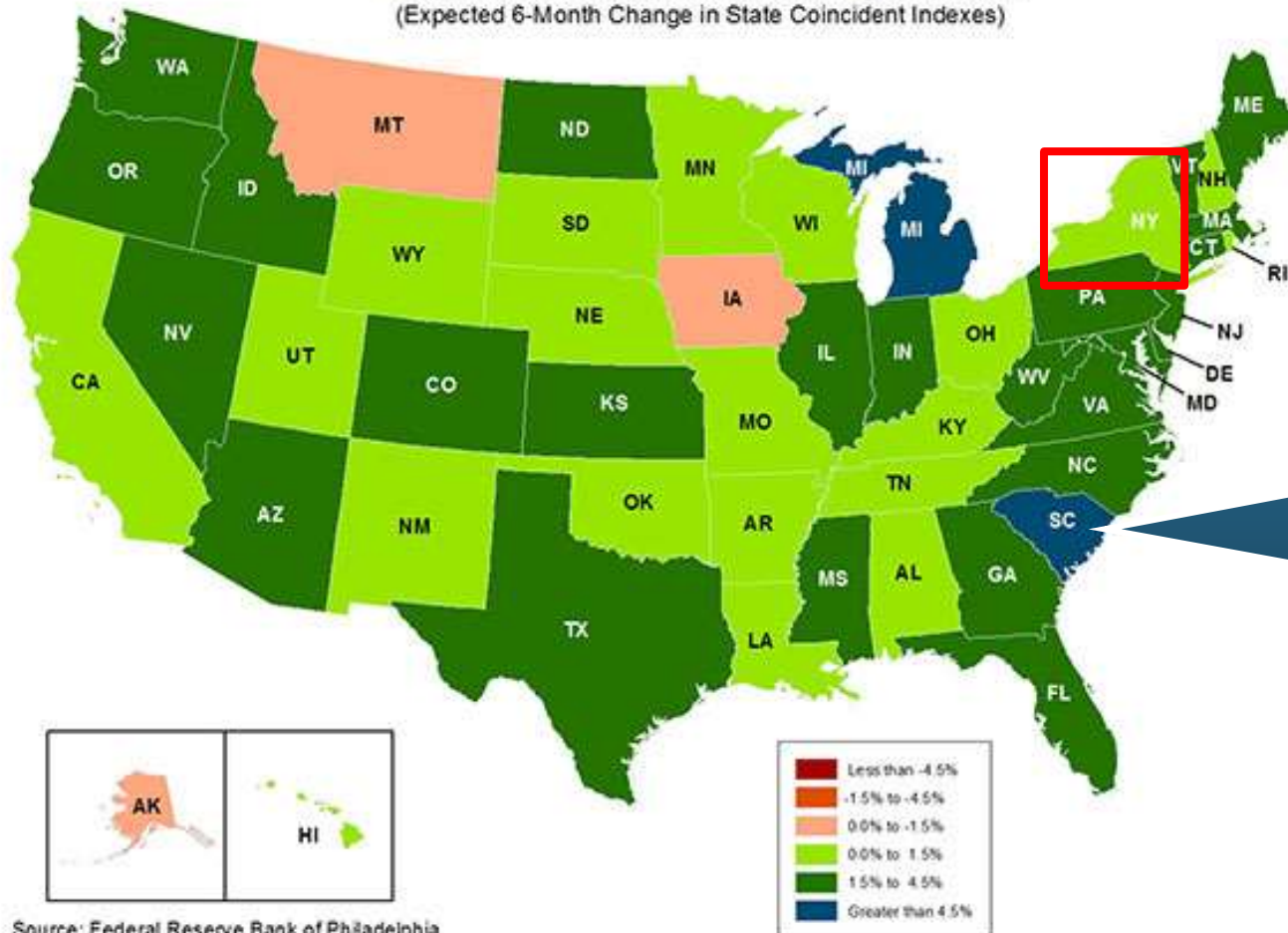


Real GDP by State Percent Change, 2012: Lowest 25 States



State-by-State Leading Indicators through 2014:Q2

December 2013 State Leading Indexes
(Expected 6-Month Change in State Coincident Indexes)

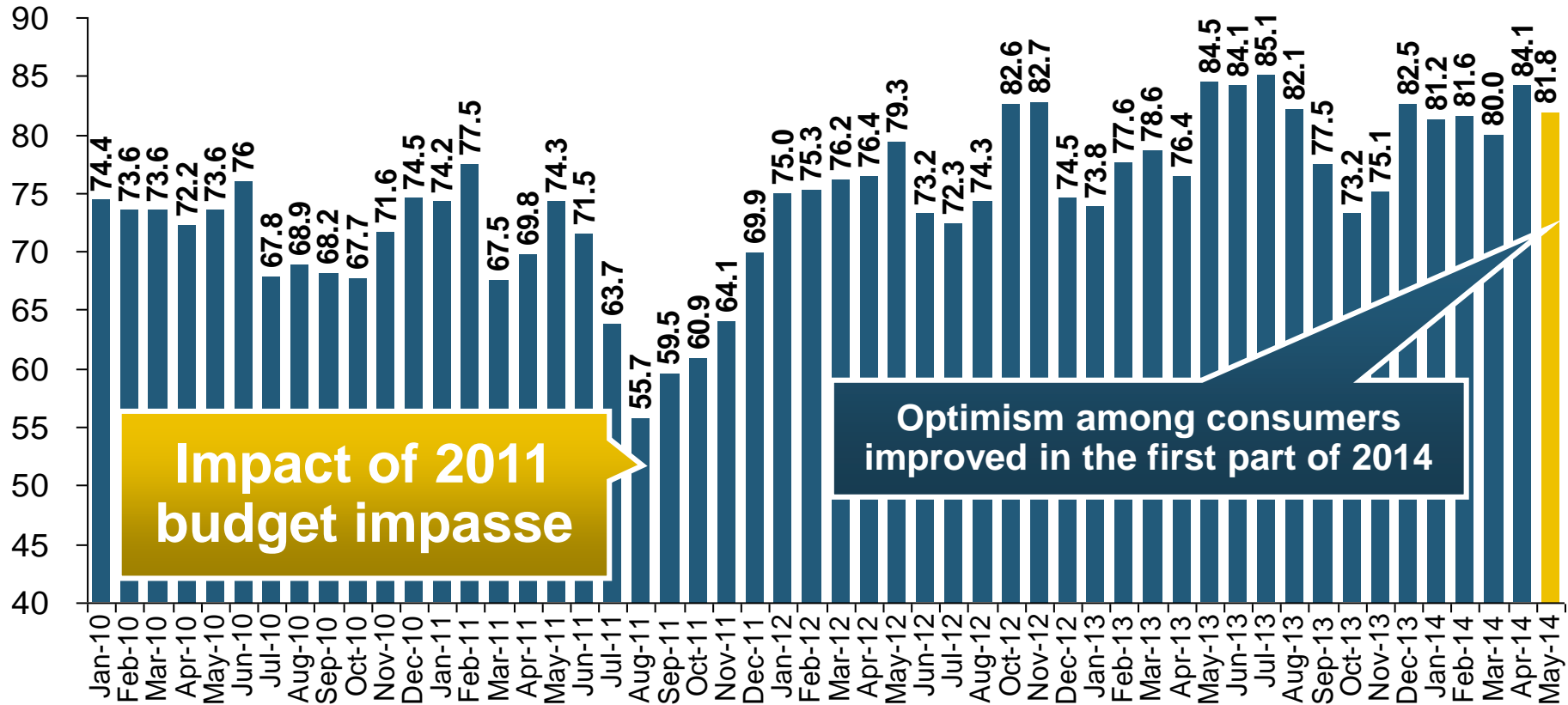


Source: Federal Reserve Bank of Philadelphia

The economic outlook for most of the US is positive for the first time in many years

Consumer Sentiment Survey (1966 = 100)

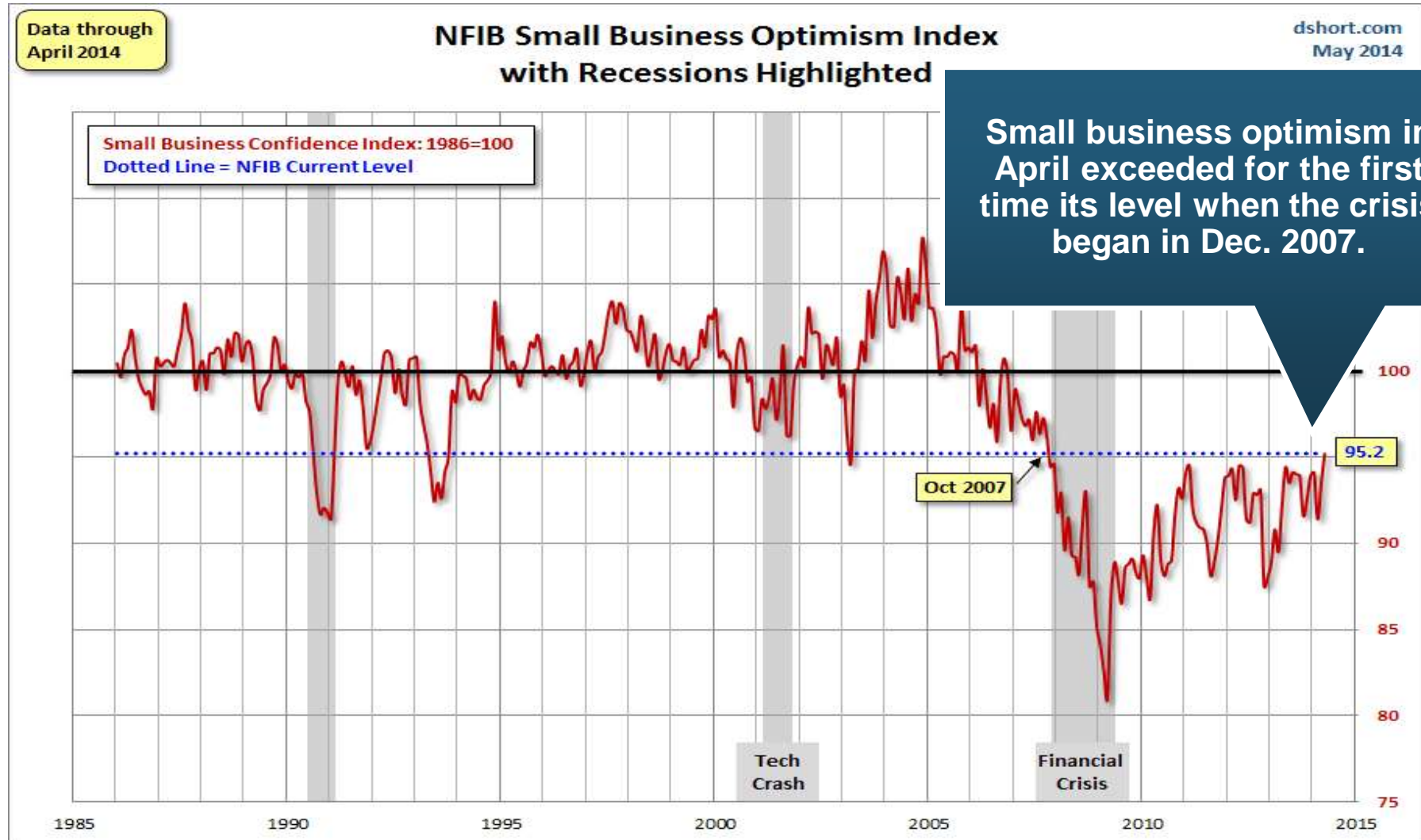
January 2010 through May 2014



Consumer confidence has been low for years amid high unemployment, falling home prices and other factors adversely impact consumers, but improved substantially over the past 2+ years, though uncertainty in Washington sometimes takes a toll.

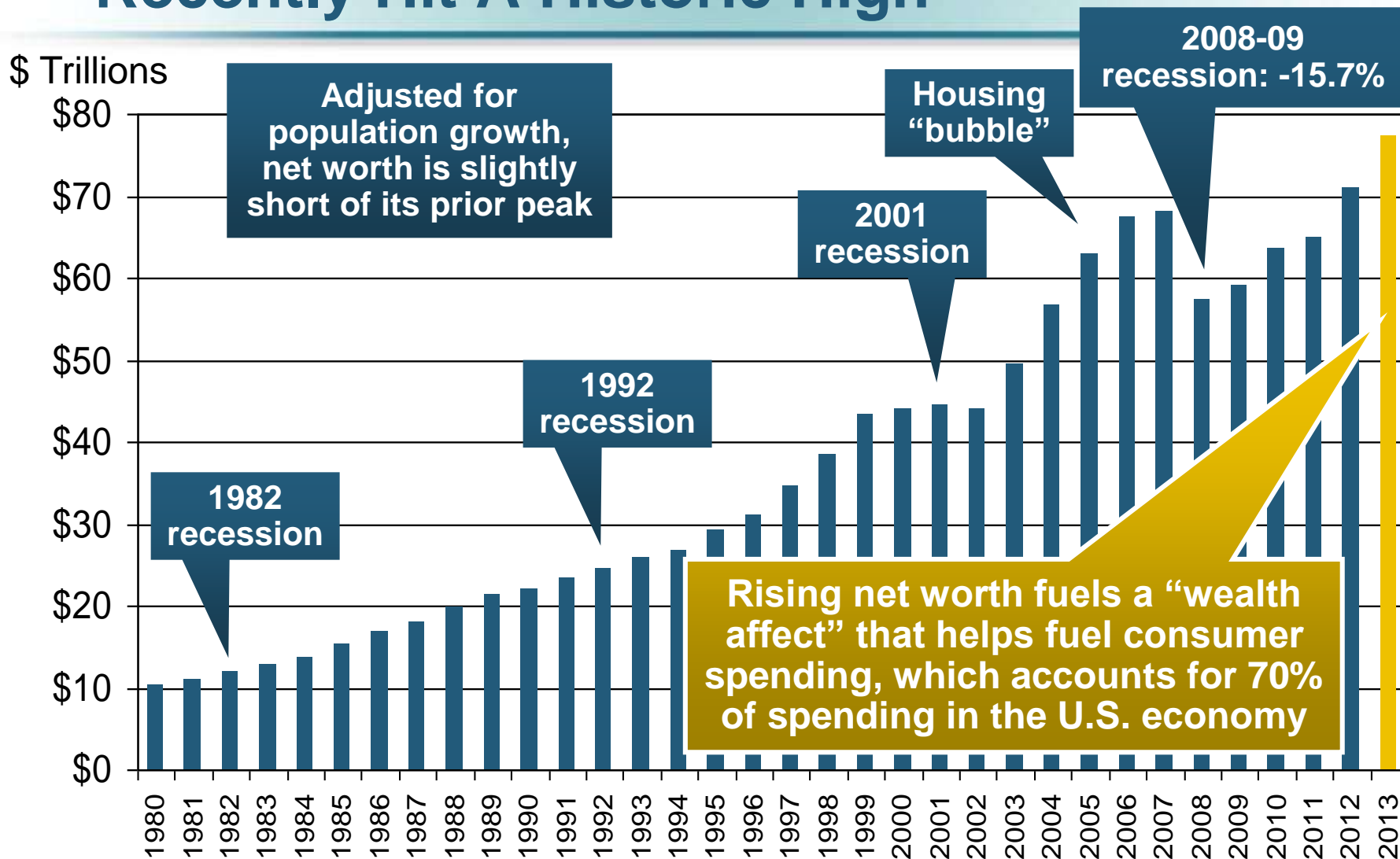
NFIB Small Business Optimism Index

January 1985 through April 2014



Source: National Federation of Independent Business at <http://www.advisorperspectives.com/dshort/charts/indicators/Sentiment.html?NFIB-optimism-index.gif> ; Insurance Information Institute.

Net Worth of Households* Recently Hit A Historic High



*and nonprofit organizations. Data are as of year-end, except in 2013:Q3 (data posted on Dec 9, 2013).

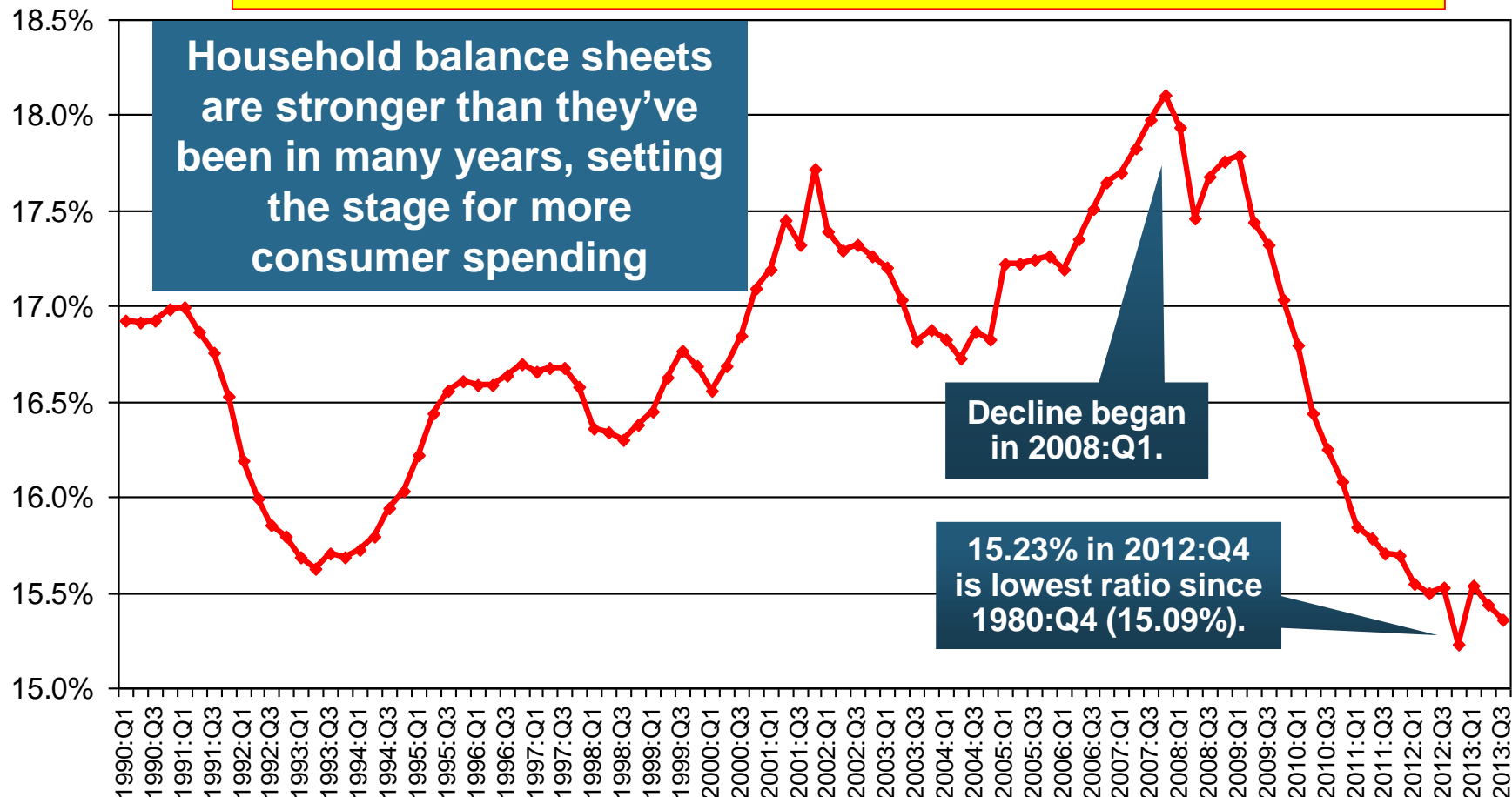
Next release March 6, 2014. Data not seasonally adjusted or inflation-adjusted

Source: Federal Reserve Board

Household Financial Obligations Ratio Recently Hit A Historic Low

Financial
Obligations
Ratio

Financial Obligations Ratio: debt service (mortgage and consumer debt), auto lease, residence rent, HO insurance, and property tax payments as % of personal disposable income.

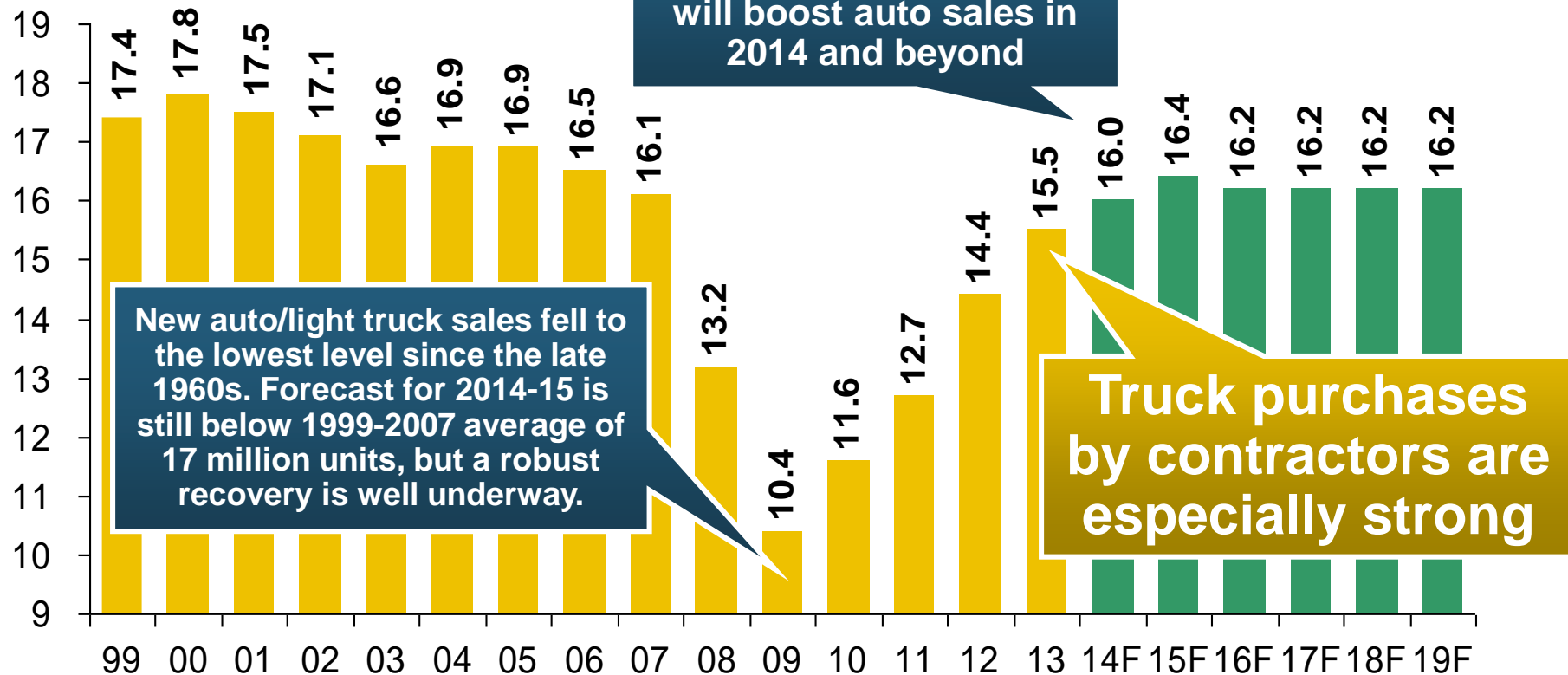


*through 2013:Q3 (data posted on Dec 13, 2013)

Source: Federal Reserve Board, at <http://www.federalreserve.gov/releases/housedebt>

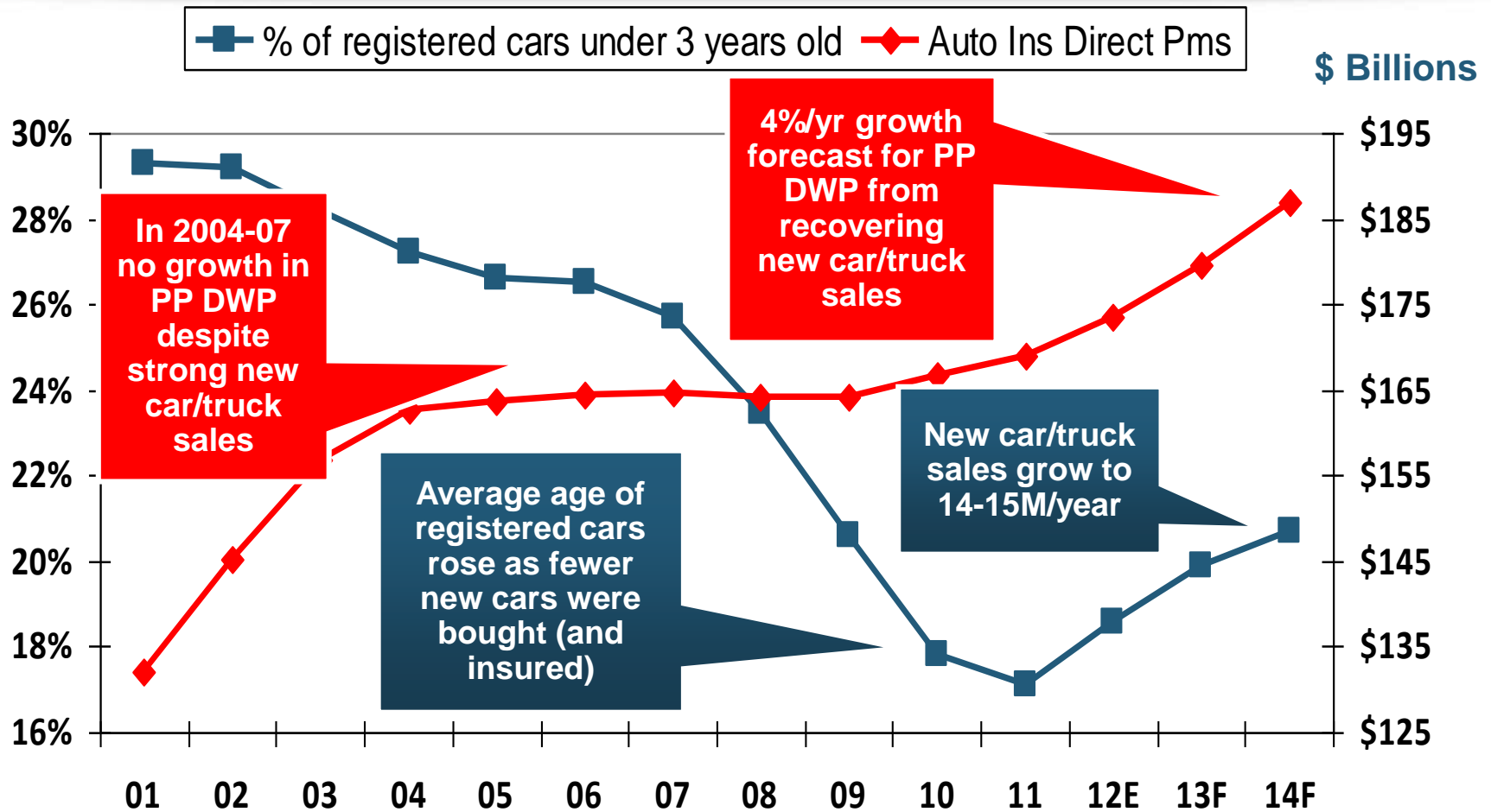
Auto/Light Truck Sales, 1999-2019F

(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 Along With Workers Comp Exposures

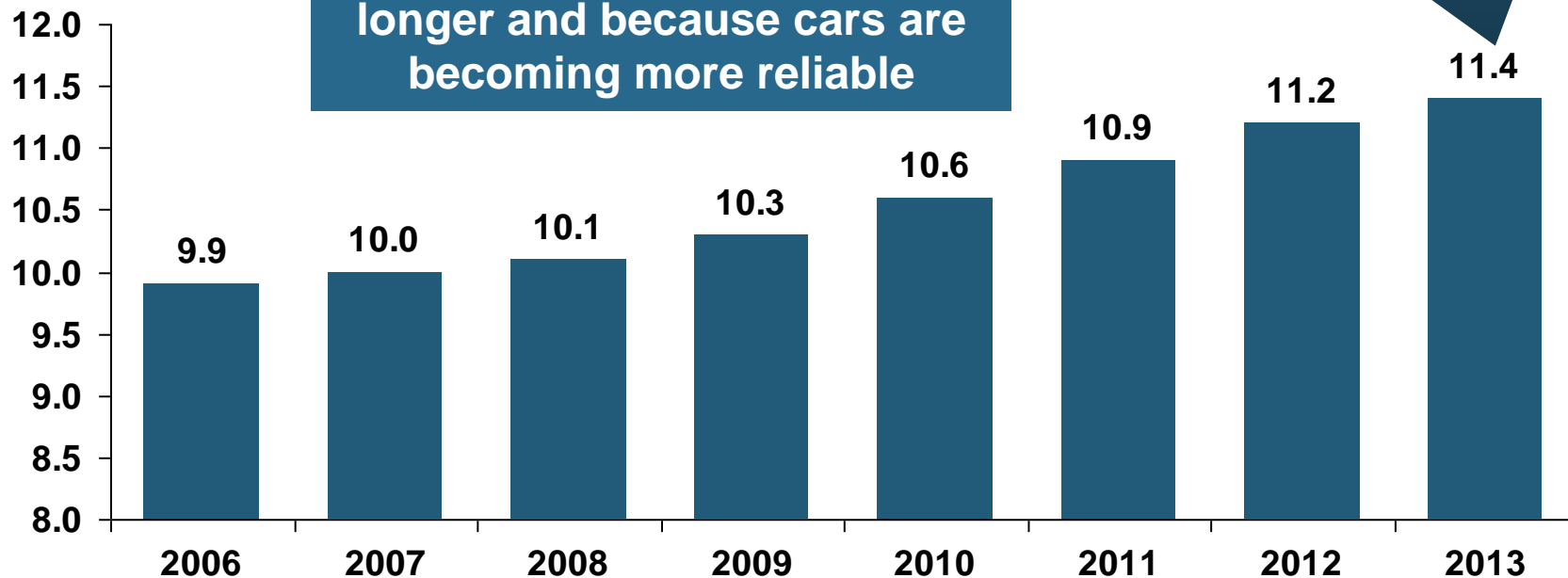
Personal Auto Insurance Direct Written Premiums vs. Recently-Registered Cars



**PP DWP, flat from 2004-2009, is rising again.
Conning forecasts growth at 3.5% in 2013 and 4.0% in 2014.**

Average Age of Vehicles on the Road, 2006—2013

Average Vehicle
Age (Years)

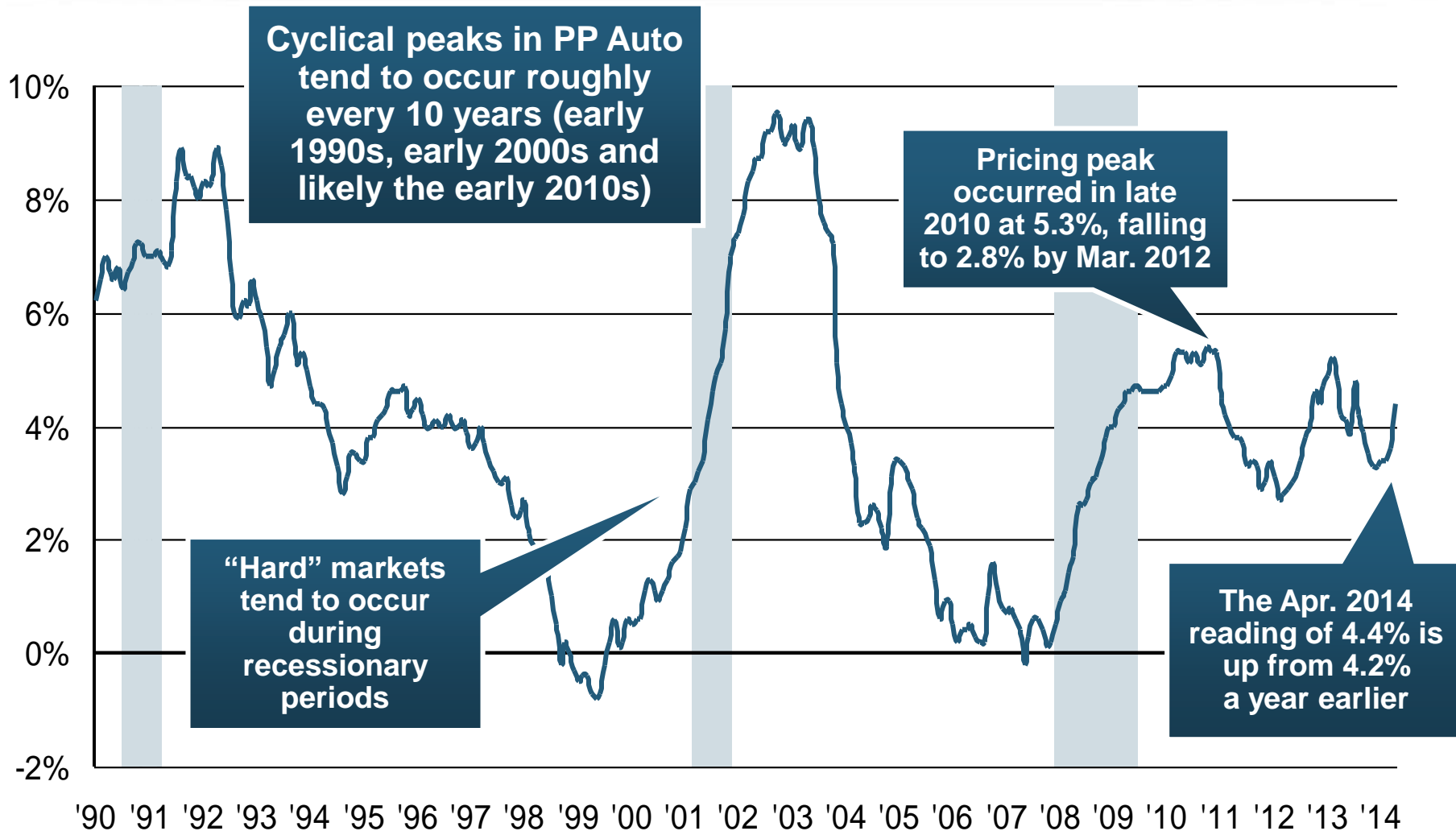


Average vehicle age continues to increase because the slow economy leads many drivers to keep cars on the road longer and because cars are becoming more reliable

The average vehicle age reached a record 11.4 years in 2013

The average age of a vehicle on the road is expected to continue to increase until 2018. By 2018, the number of vehicles 12+ years old is expected to rise 11.6% from 2013 and the number that are under 5 years old is expected to increase by 41%

Monthly Change* in Auto Insurance Prices, 1991–2014*



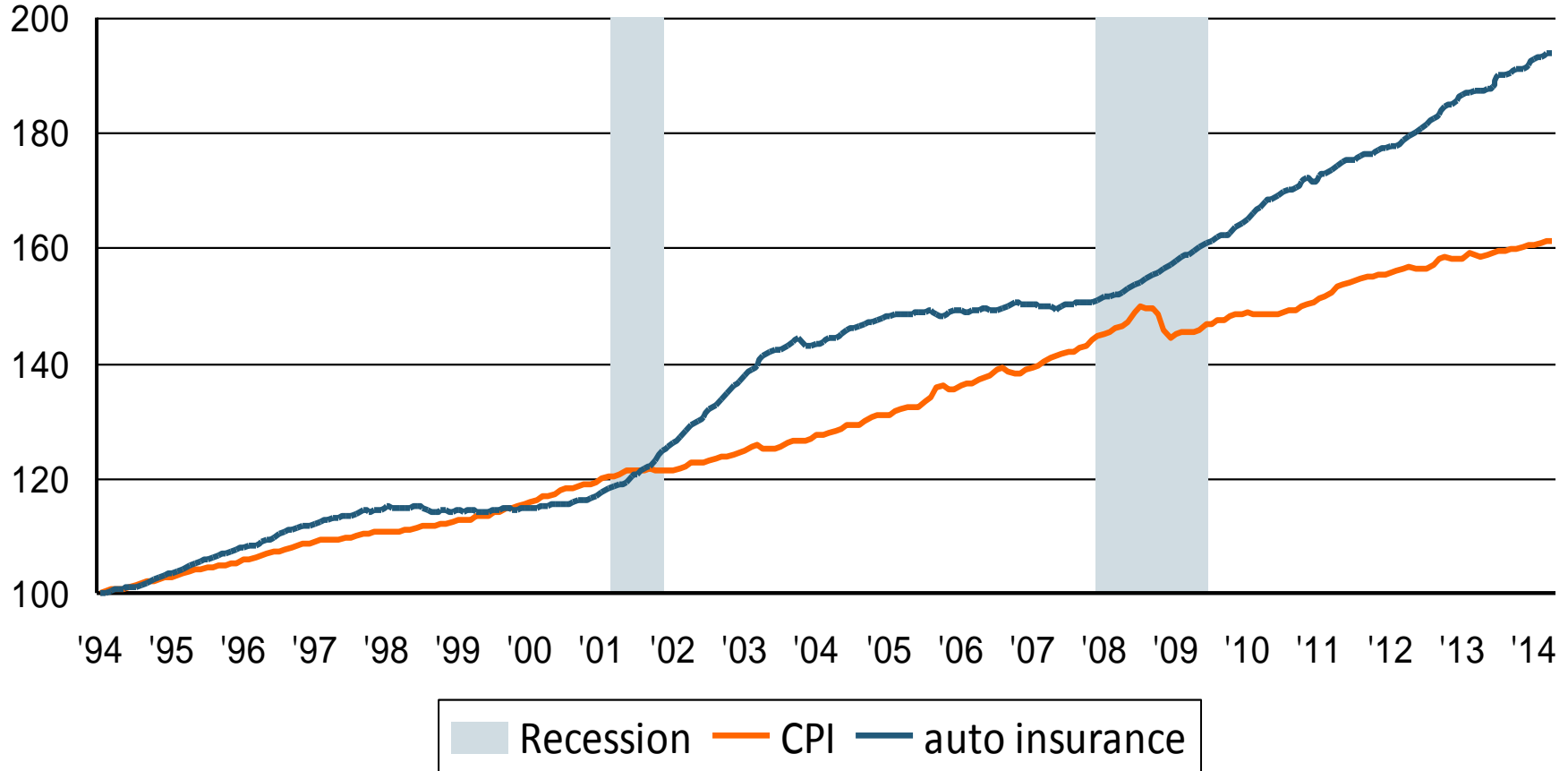
*Percentage change from same month in prior year; through April 2014; seasonally adjusted

Note: Recessions indicated by gray shaded columns.

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

Auto Insurance Price Index vs. CPI, 1994–2014*

Index: Jan 1994 = 100

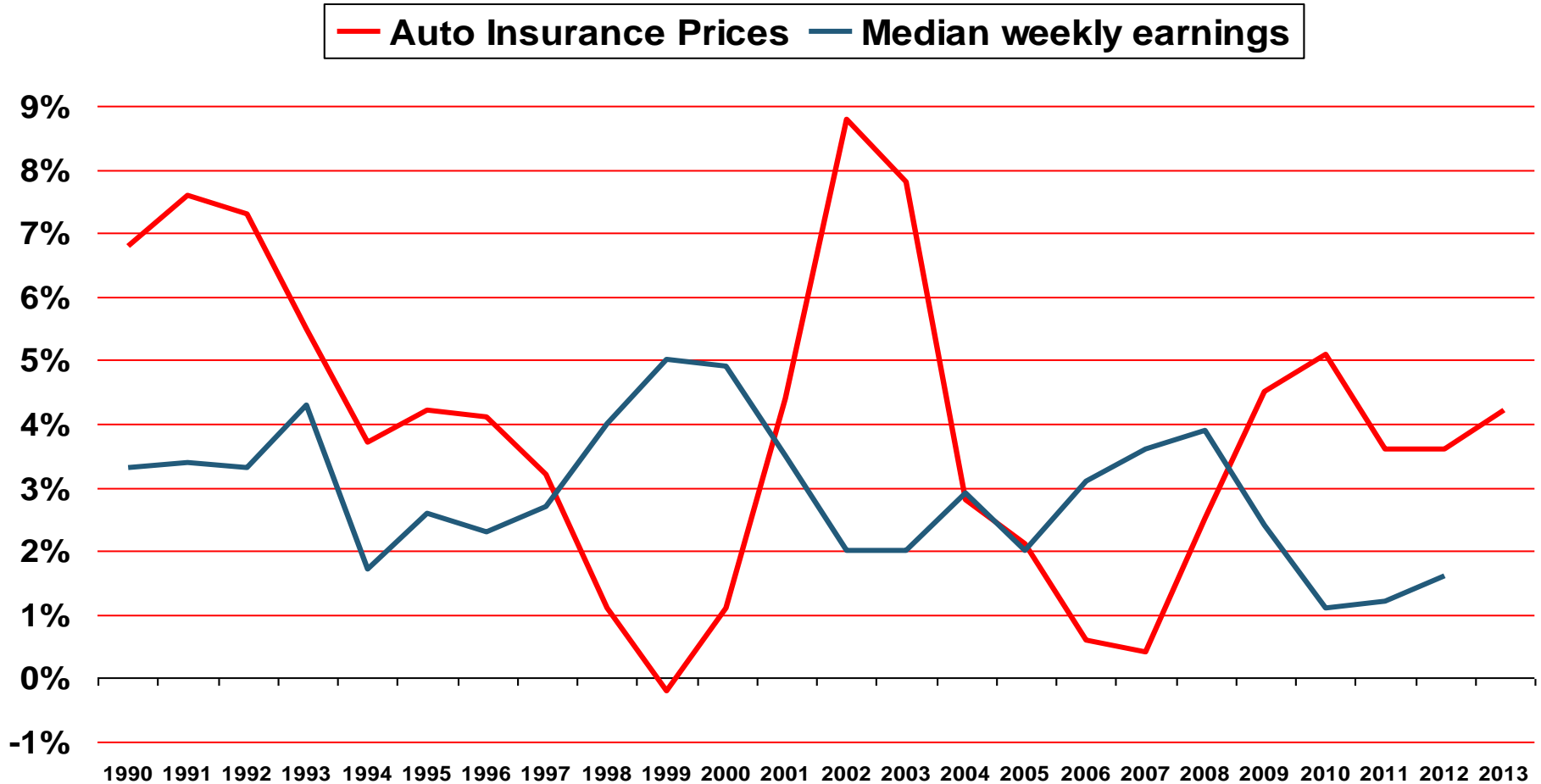


Annual average growth rate of the CPI from 1994 to now: 2.5%.
Annual average growth rate of auto insurance prices from 1994 to now: 3.3%.

*Seasonally adjusted, through March 2014

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

Yearly Change in Auto Insurance Prices vs. Median Weekly Earnings



Monthly Change* in Auto Insurance Prices, January 2005 - December 2013

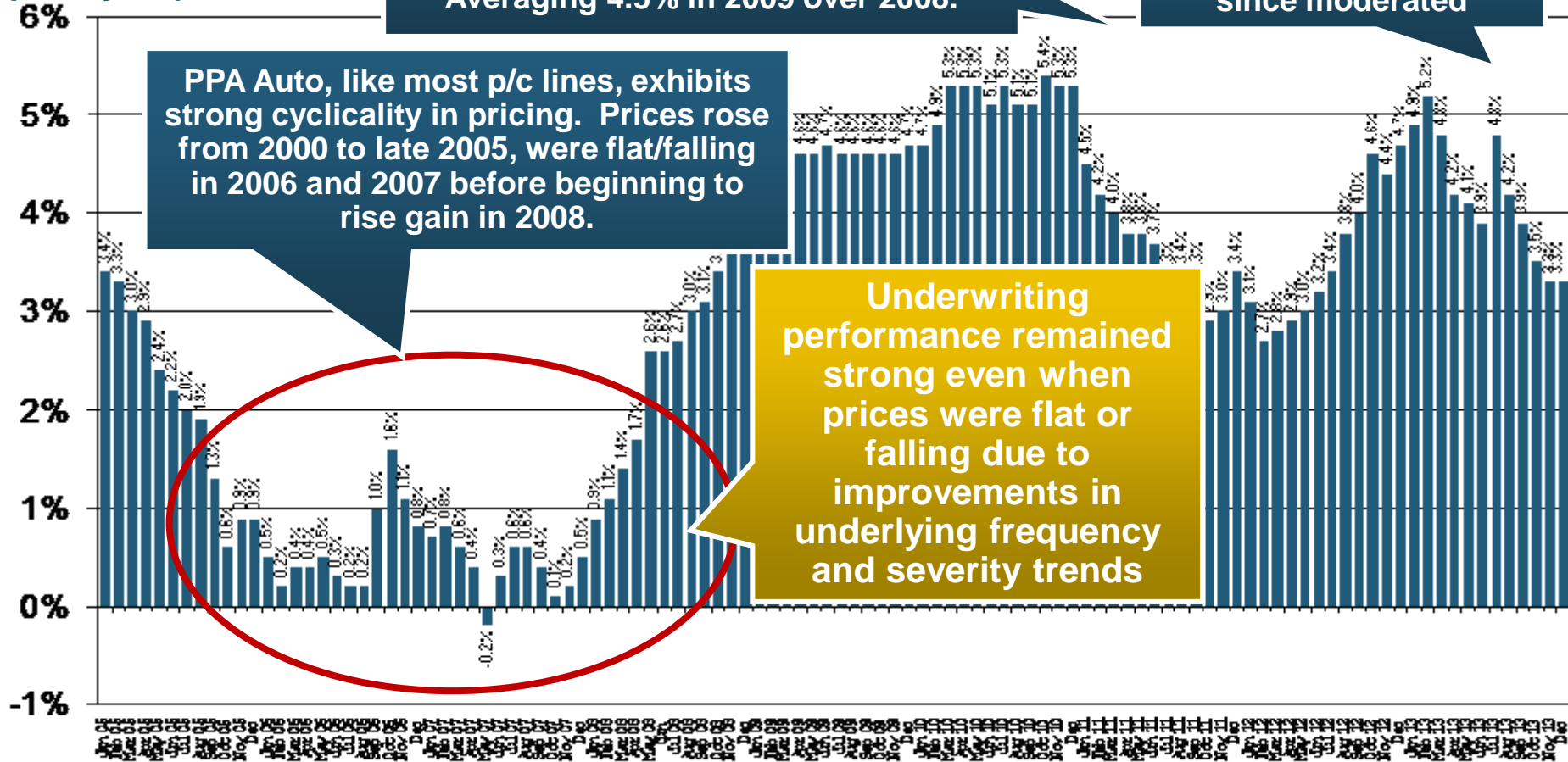
(Percent Change from same month, prior year)

Auto Insurance Price Increases Averaged 5.1% in 2010 over 2009, After Averaging 4.5% in 2009 over 2008.

Pricing weakened in 2011, strengthened in 2012/early 2013 but has since moderated

PPA Auto, like most p/c lines, exhibits strong cyclical pricing. Prices rose from 2000 to late 2005, were flat/falling in 2006 and 2007 before beginning to rise again in 2008.

Underwriting performance remained strong even when prices were flat or falling due to improvements in underlying frequency and severity trends

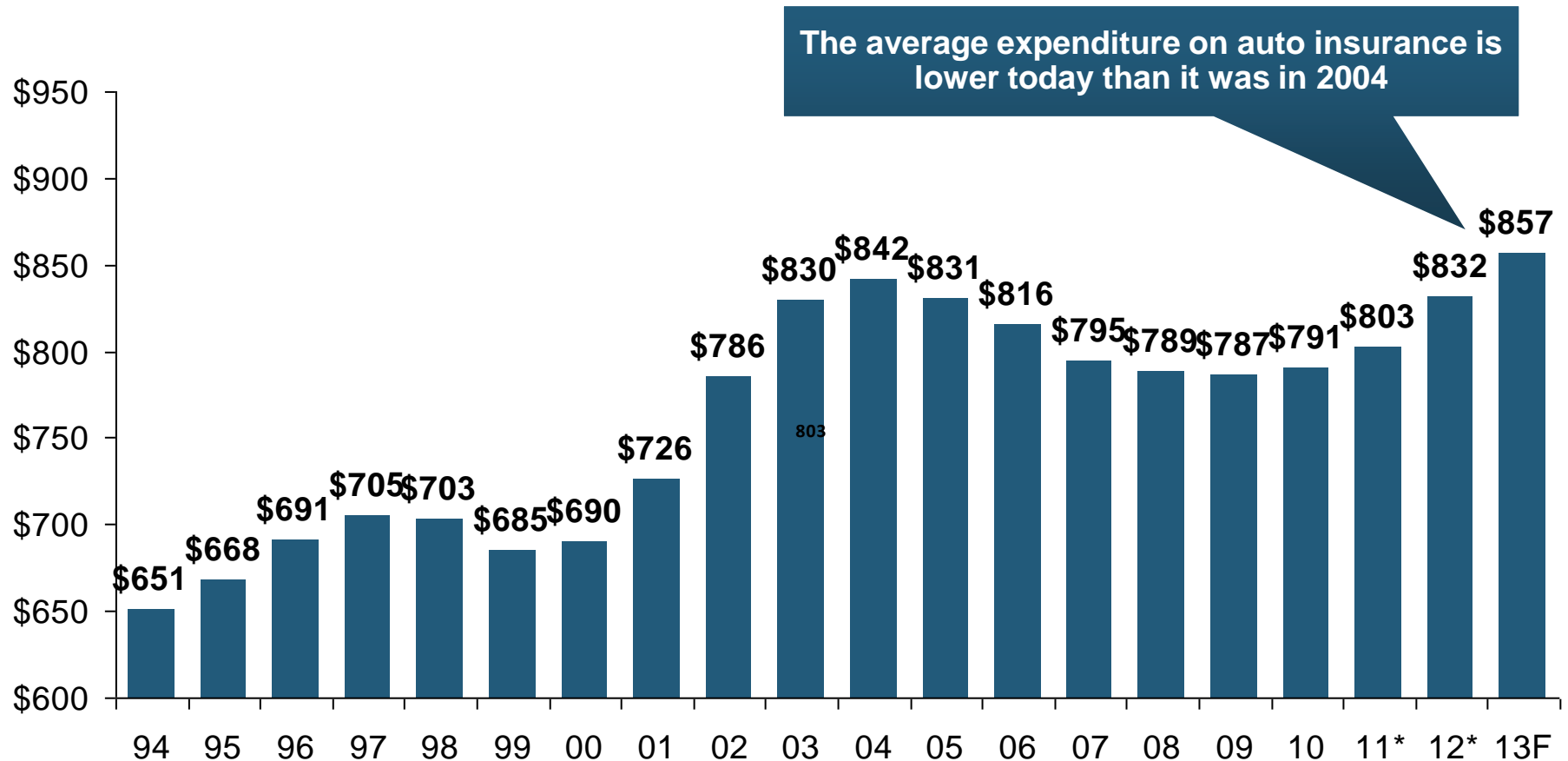


*Percentage change from same month in prior year, seasonally adjusted.
Sources: US Bureau of Labor Statistics; Insurance Information Institute

Private Passenger Auto: Premium Growth vs. Loss Cost Spread



Average Expenditures on Auto Insurance

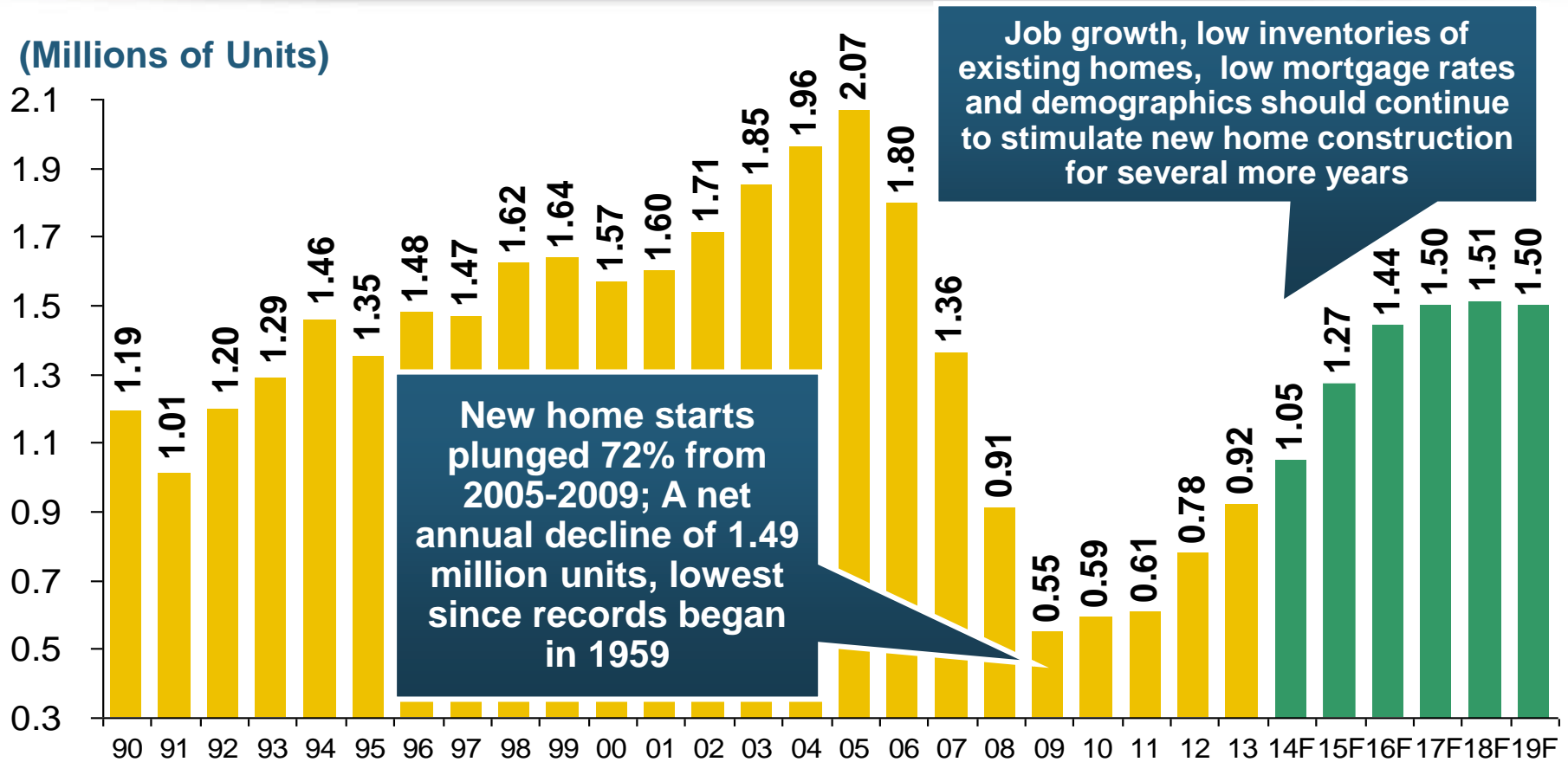


Countrywide Auto Insurance Expenditures Decreased by 0.8% in 2008 and 0.5% in 2009 and Increased 0.5% in 2010, 1.5% in 2011 (est.), 2.0% in 2012 and 2.2% in 2013 (forecast)

* Insurance Information Institute Estimates/Forecasts

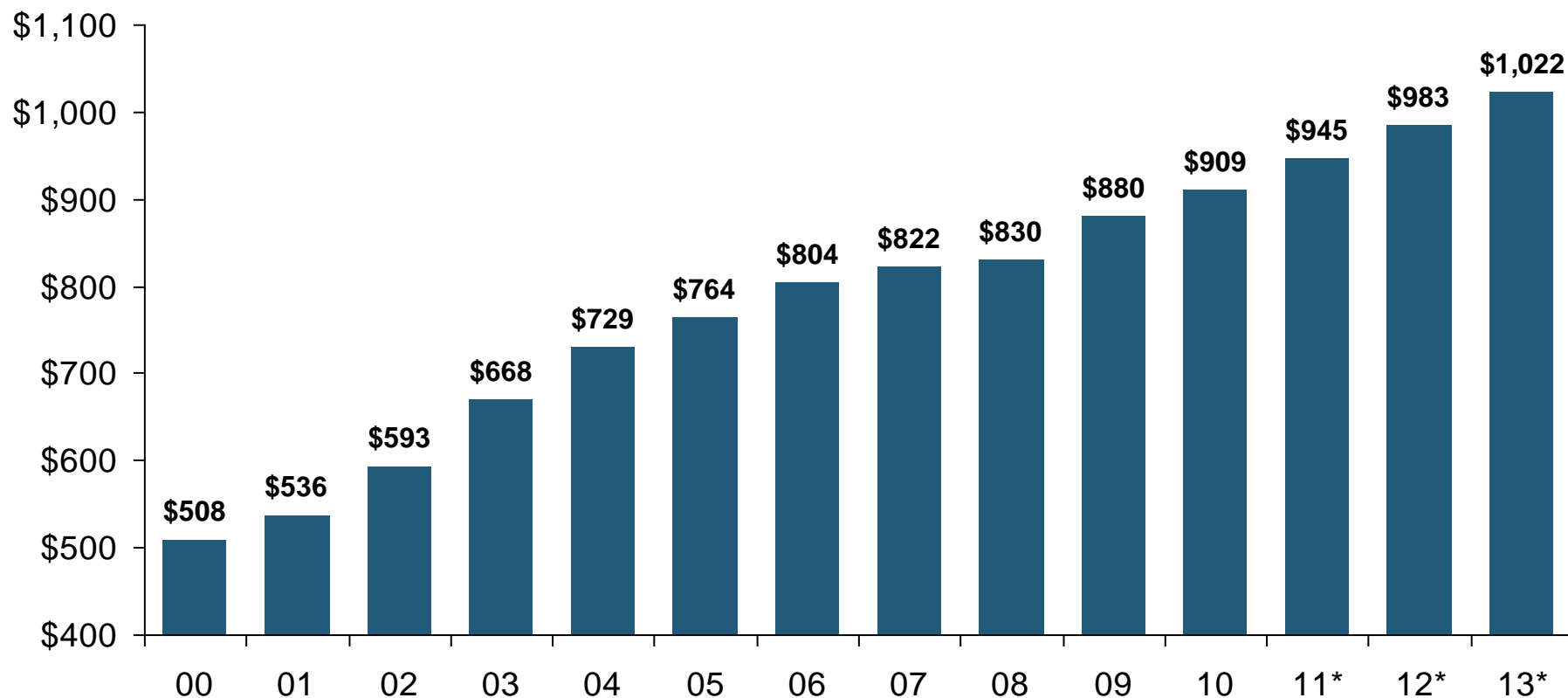
Source: NAIC, Insurance Information Institute estimate for 2011-2013 based on CPI and other data.

New Private Housing Starts, 1990-2019F



Insurers Are Continue to See Meaningful Exposure Growth in the Wake of the “Great Recession” Associated with Home Construction: Construction Risk Exposure, Surety, Commercial Auto; Potent Driver of Workers Comp Exposure

Average Premium for Home Insurance Policies**

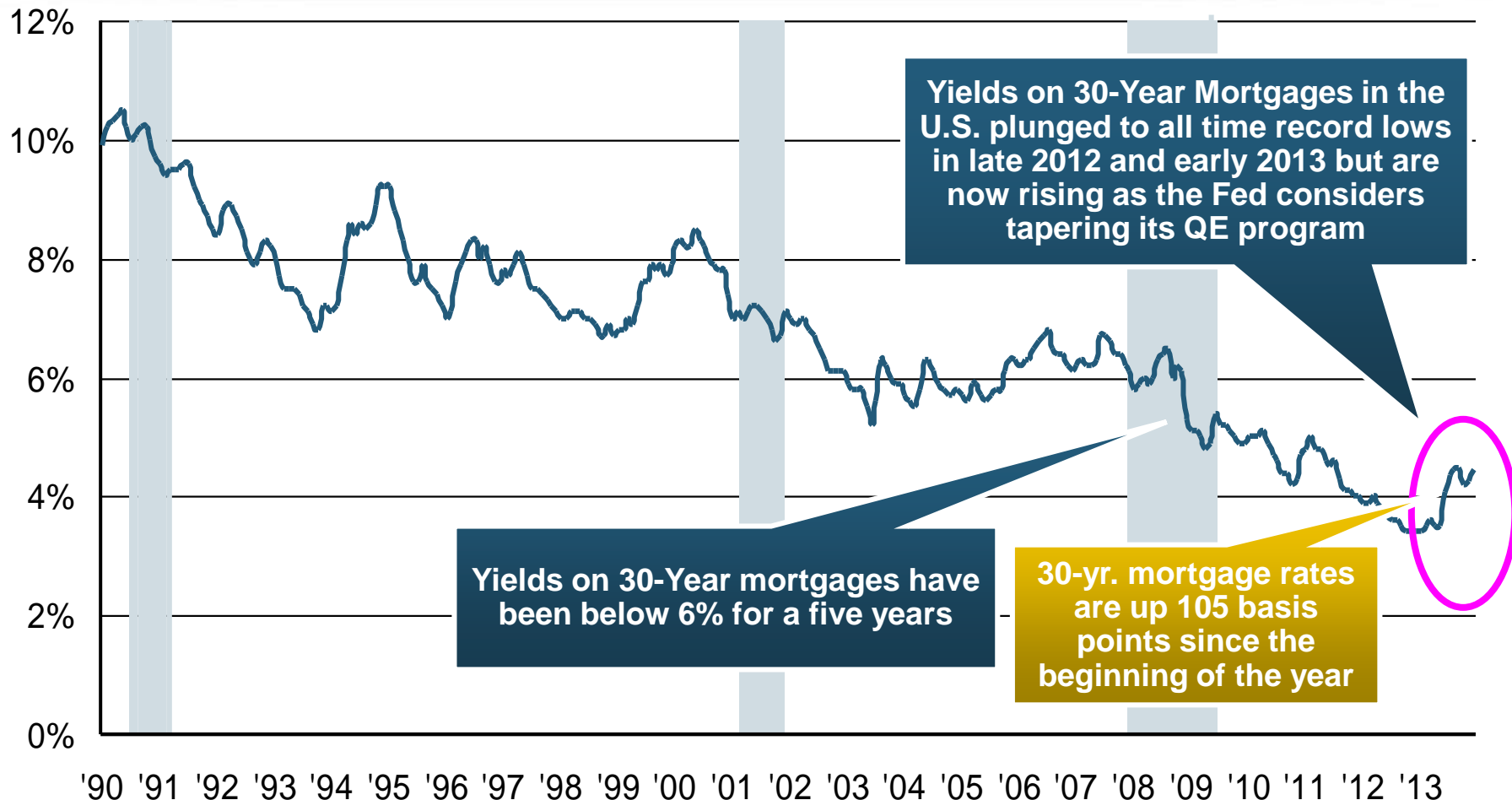


Countrywide Home Insurance Expenditures Increased by an Estimated 4.0% in 2011-2013

* Insurance Information Institute Estimates/Forecasts **Excludes state-run insurers.

Source: NAIC, Insurance Information Institute estimates for 2011-2013 based on CPI data and other data.

Interest Rate on Convention 30-Year Mortgages: Headed Back Up, 1990–2013*



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.

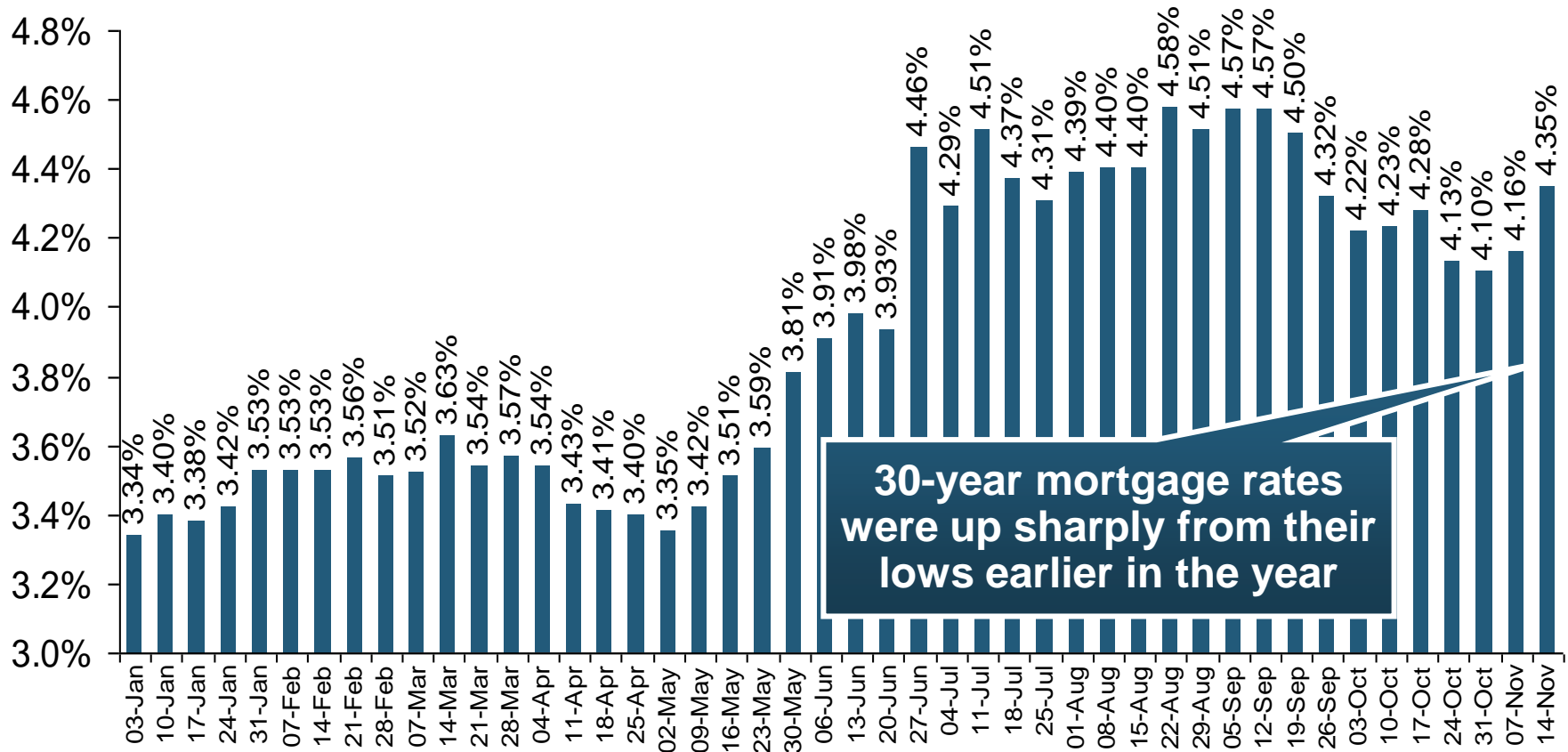
*Monthly, through December 2013.

Note: Recessions indicated by gray shaded columns.

Sources: Federal Reserve Bank at <http://www.federalreserve.gov/releases/h15/data.htm>.

National Bureau of Economic Research (recession dates); Insurance Information Institutes.

30-Year Mortgages in 2013 Are Rising: What Will Be the Impact on Construction?

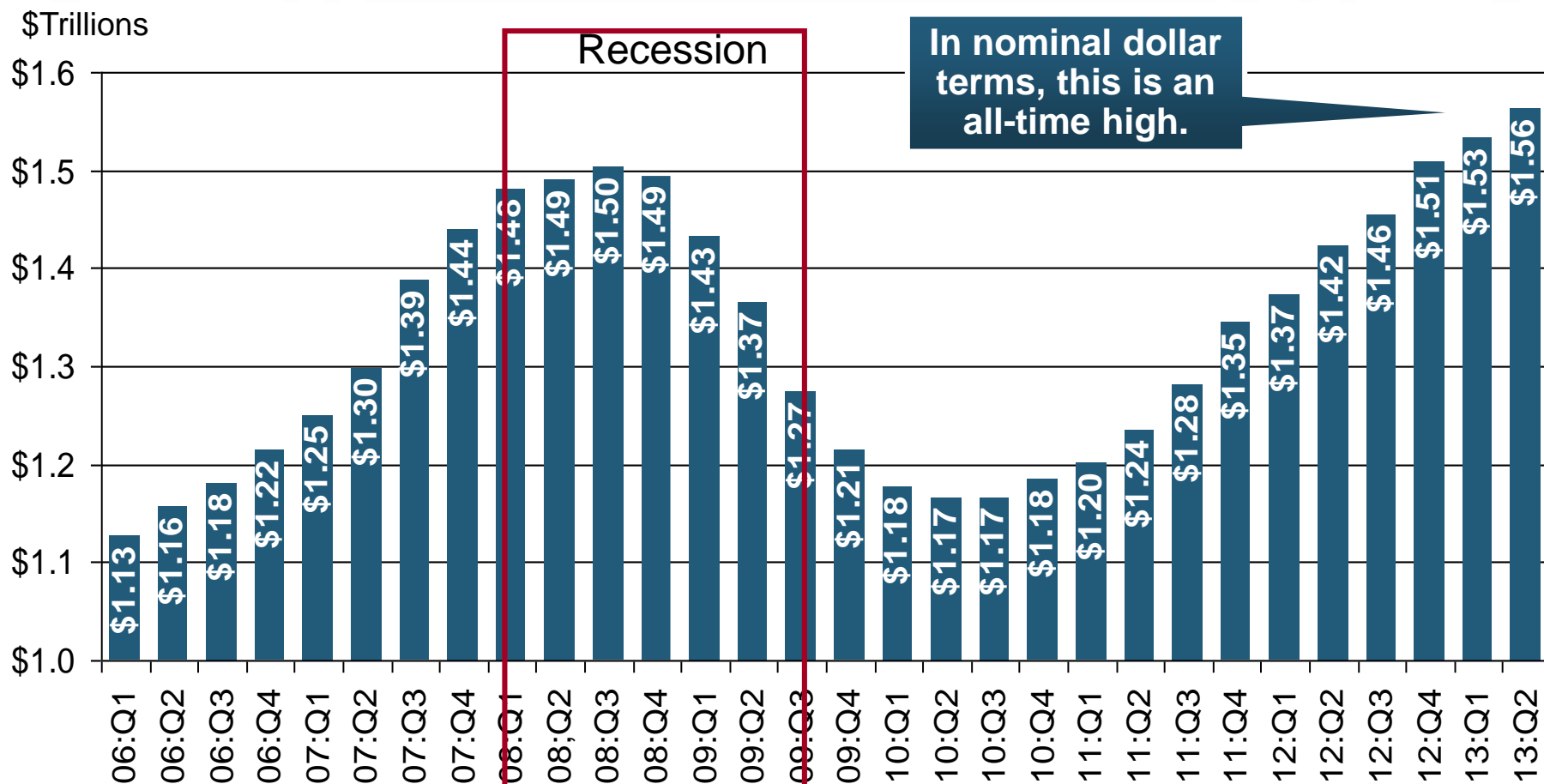


Mortgage Interest Rates Will Rise as Expectations Over the Fed's Tapering of QE3 Persist; Still Low by Historical Standards

*Weekly through November 14, 2013.

Sources: Federal Reserve Bank at <http://www.federalreserve.gov/releases/h15/data.htm>; Insurance Information Institutes.

Commercial & Industrial Loans Outstanding at FDIC-Insured Banks, Quarterly, 2006-2013*

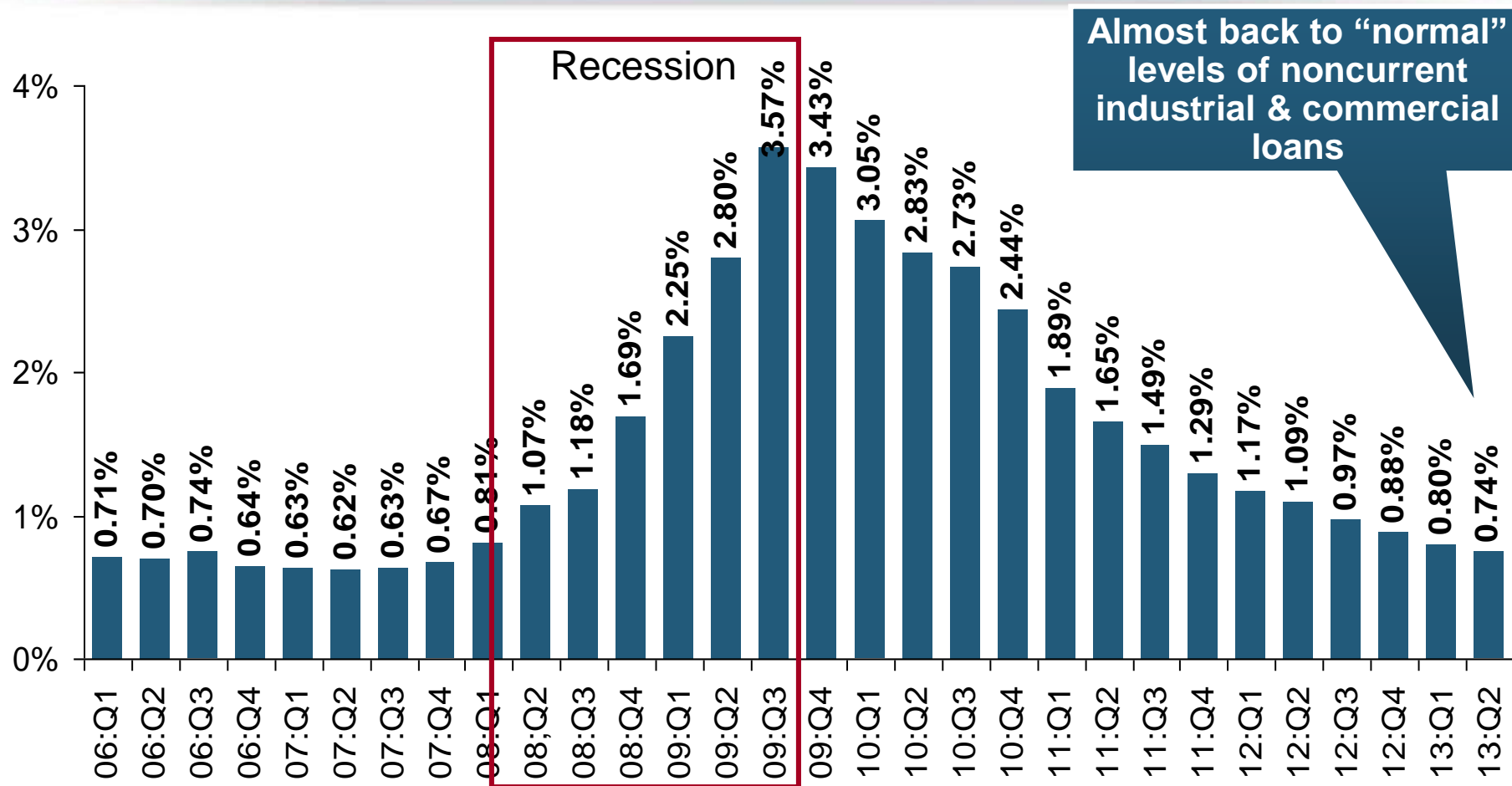


Outstanding loan volume has been growing for over two years and (as of year-end 2012) surpassed previous peak levels.

*Latest data as of 9/8/2013.

Source: FDIC at <http://www2.fdic.gov/qbp/> (Loan Performance spreadsheet); Insurance Information Institute.

Percent of Non-Current Commercial & Industrial Loans Outstanding at FDIC-Insured Banks, Quarterly, 2006:1Q-2013:Q2*



Non-current loans (those past due 90 days or more or in nonaccrual status) are nearly back to early-recession levels, fueling bank willingness to lend.

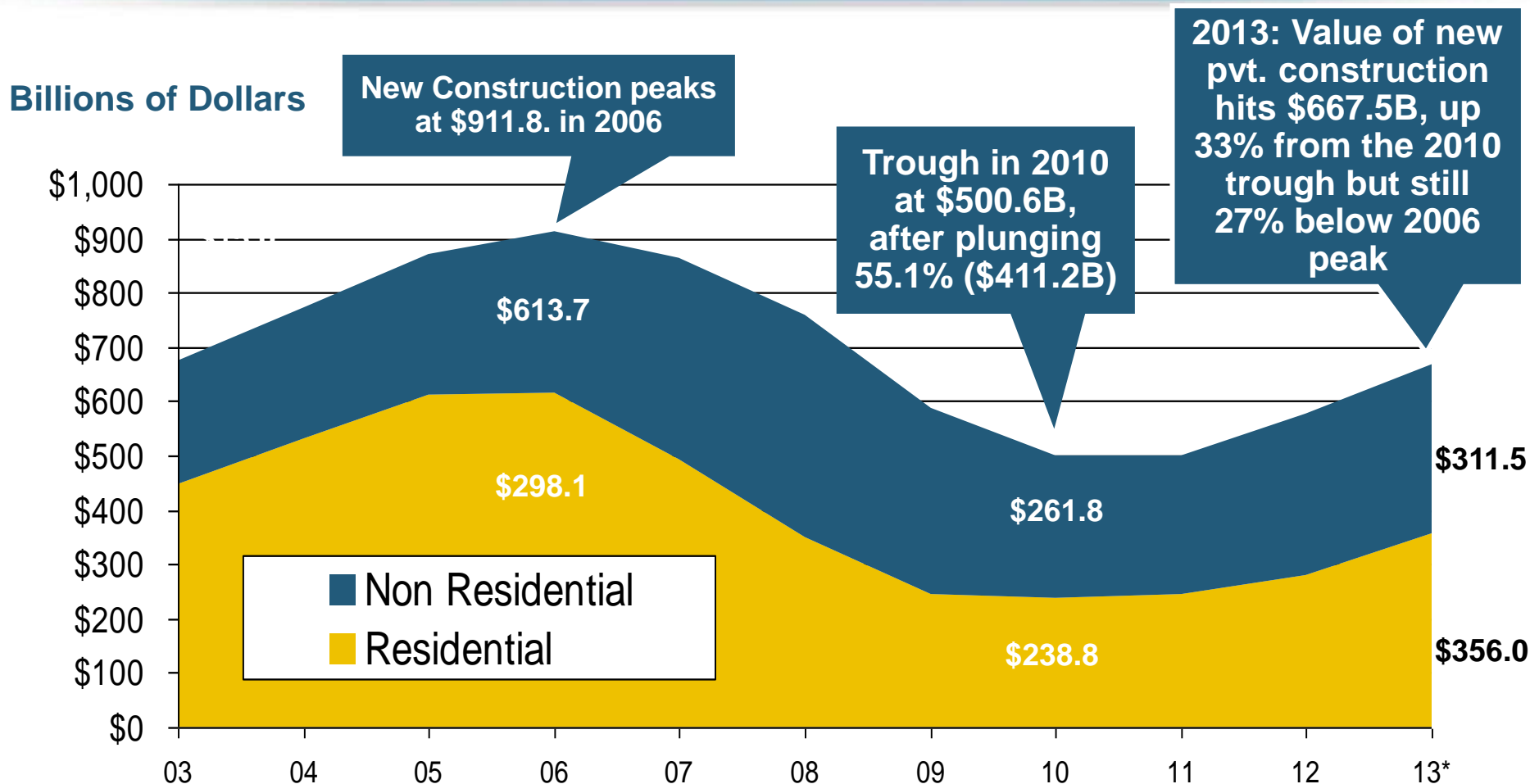
*Latest data as of 9/8/2013.

Source: FDIC at <http://www2.fdic.gov/qbp/> (Loan Performance spreadsheet); Insurance Information Institute.

CONSTRUCTION, MANUFACTURING & ENERGY OUTLOOK

**Key Sectors Critical to the
Economy and the P/C
Insurance Industry**

Value of New Private Construction: Residential & Nonresidential, 2003-2013*



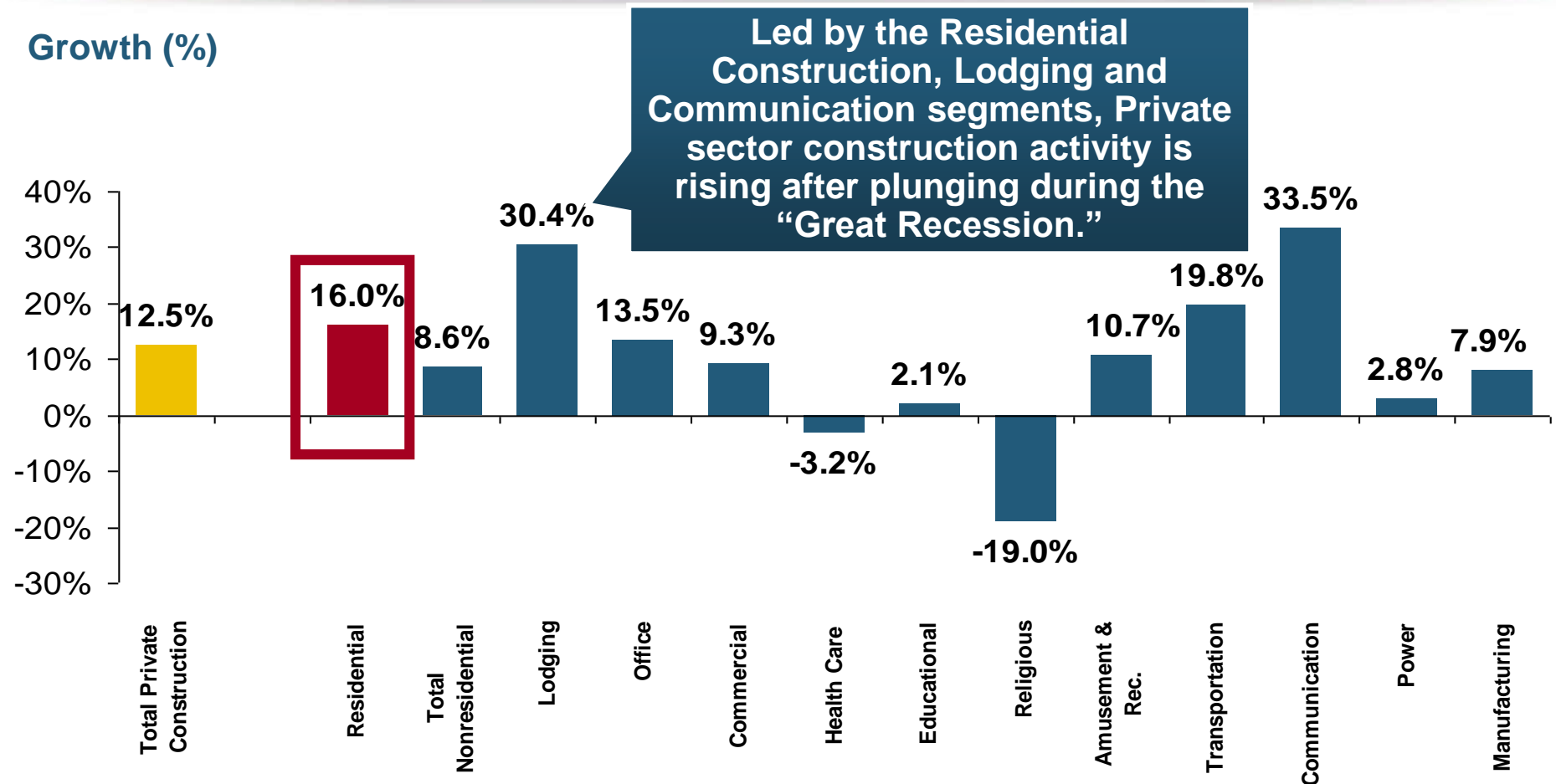
Private Construction Activity Is Moving in a Positive Direction though Remains Well Below Pre-Crisis Peak; Residential Dominates

*2013 figure is a seasonally adjusted annual rate as of December.

Sources: US Department of Commerce; Insurance Information Institute.

Value of Private Construction Put in Place, by Segment, March 2014 vs. March 2013*

Growth (%)

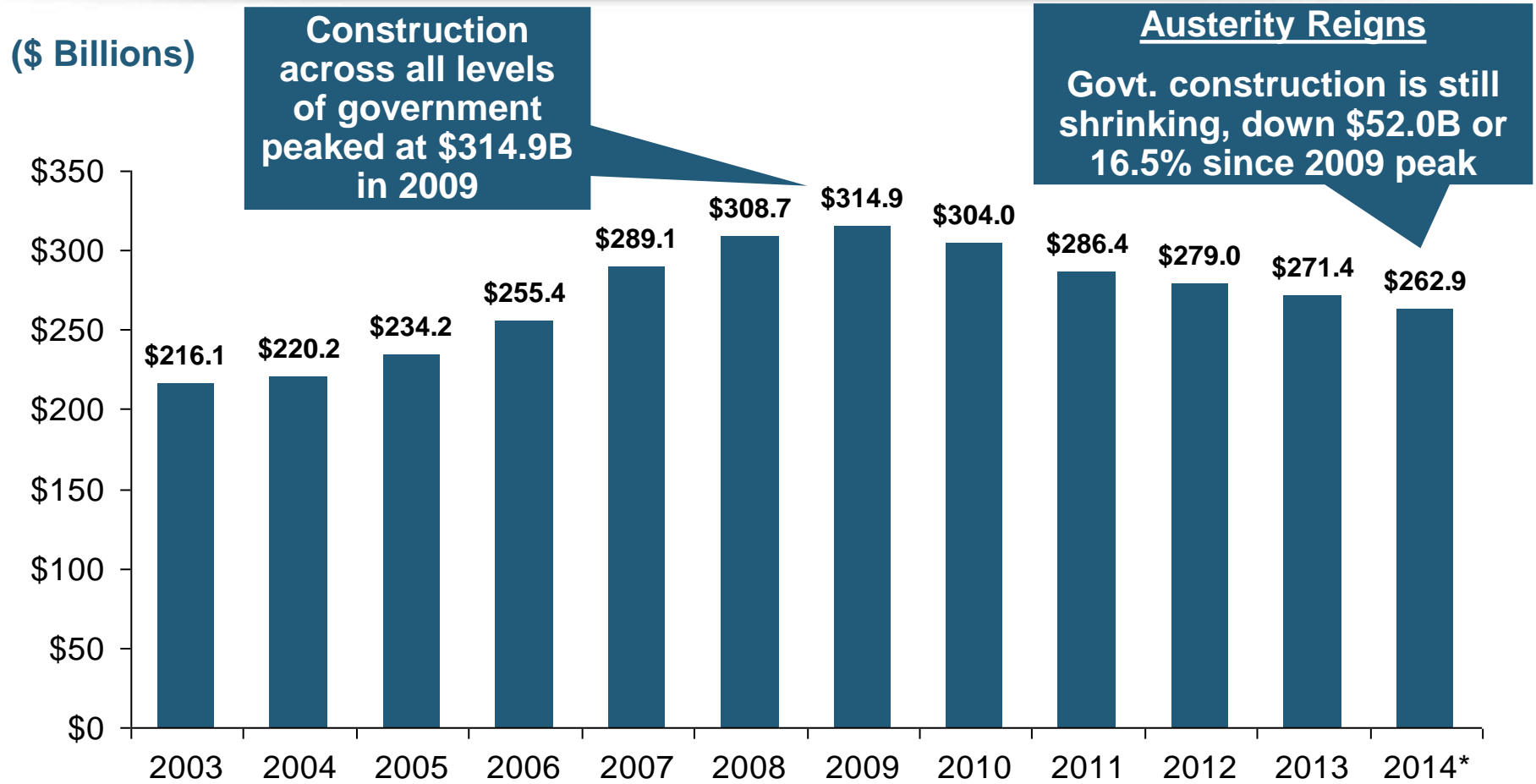


Private Construction Activity is Up in Most Segments, Including the Key Residential Construction Sector; Bodes Well for the Remainder of 2014

*seasonally adjusted

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

Value of New Federal, State and Local Government Construction: 2003-2014*



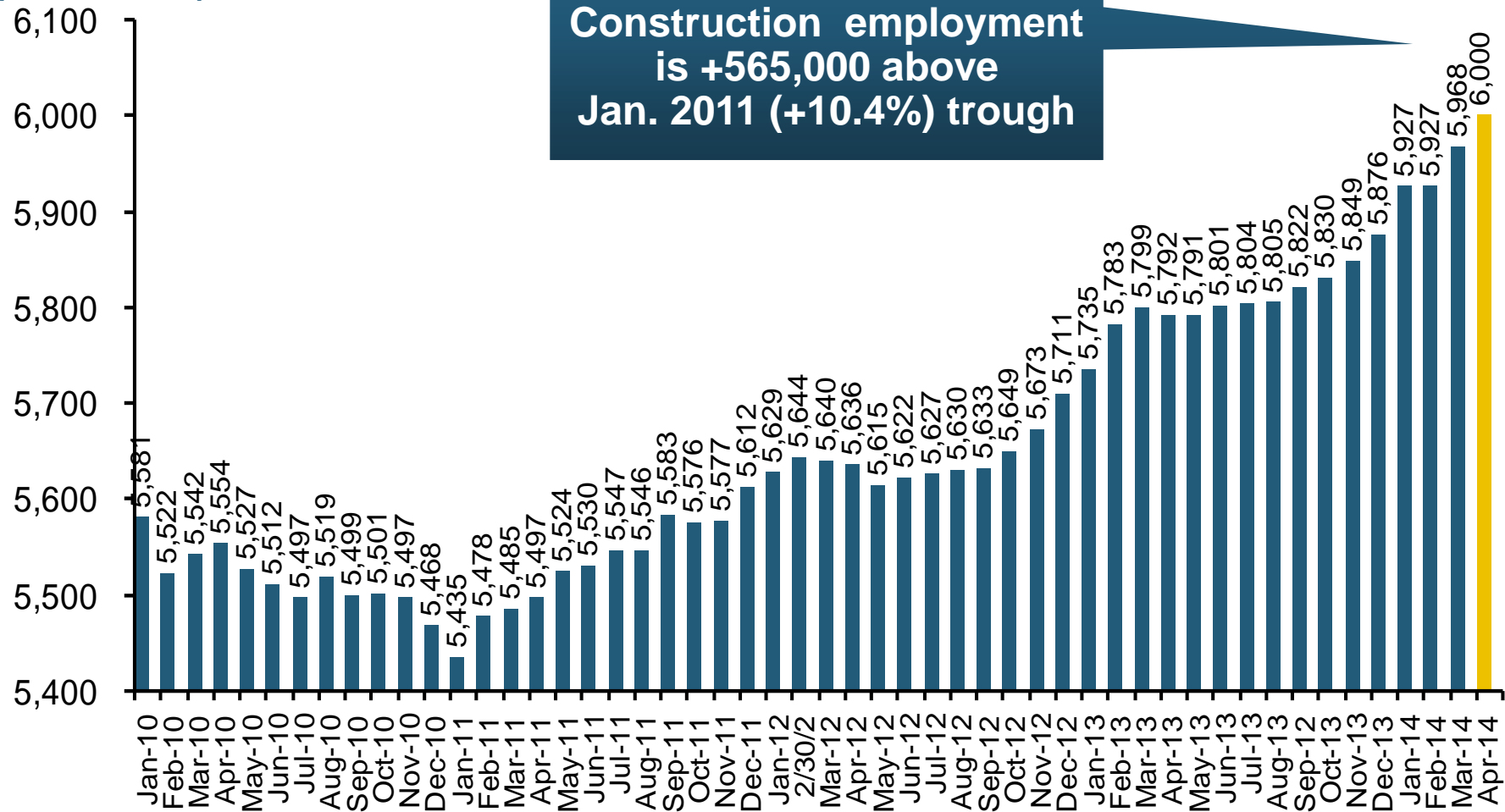
Government Construction Spending Peaked in 2009, Helped by Stimulus Spending, but Continues to Contract As State/Local Governments Grapple with Deficits and Federal Sequestration Takes Hold

*2014 figure is a seasonally adjusted annual rate as of March; http://www.census.gov/construction/c30/historical_data.html

Sources: US Department of Commerce; Insurance Information Institute.

Construction Employment, Jan. 2010—April 2014*

(Thousands)



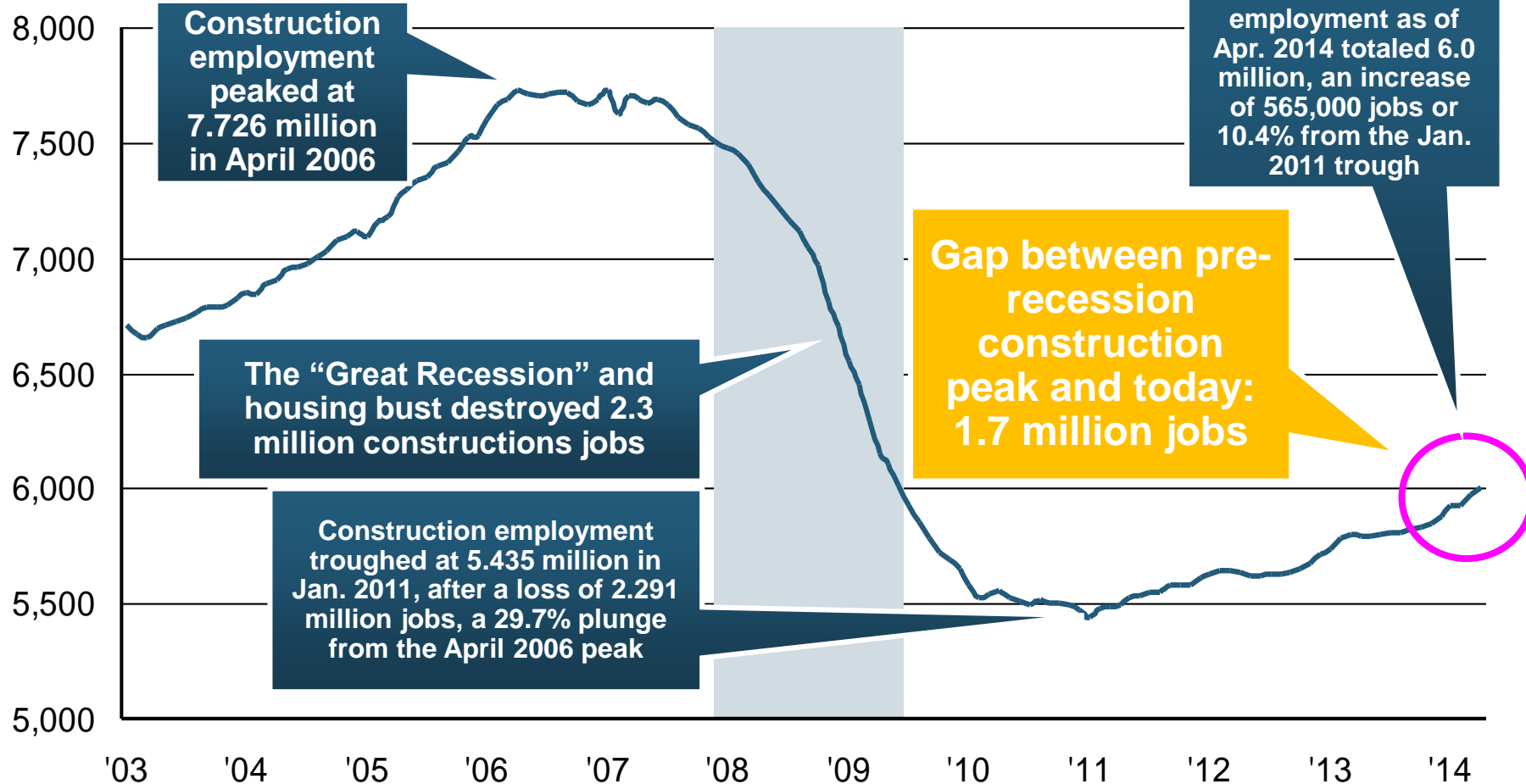
Construction and manufacturing employment constitute 1/3 of all payroll exposure.

*Seasonally adjusted.

Sources: US Bureau of Labor Statistics at <http://data.bls.gov>; Insurance Information Institute.

Construction Employment, Jan. 2003–April 2014

(Thousands)



The Construction Sector Could Be a Growth Leader in 2014 as the Housing Market, Private Investment and Govt. Spending Recover. WC Insurers Will Benefit.

Note: Recession indicated by gray shaded column.

Sources: U.S. Bureau of Labor Statistics; Insurance Information Institute.



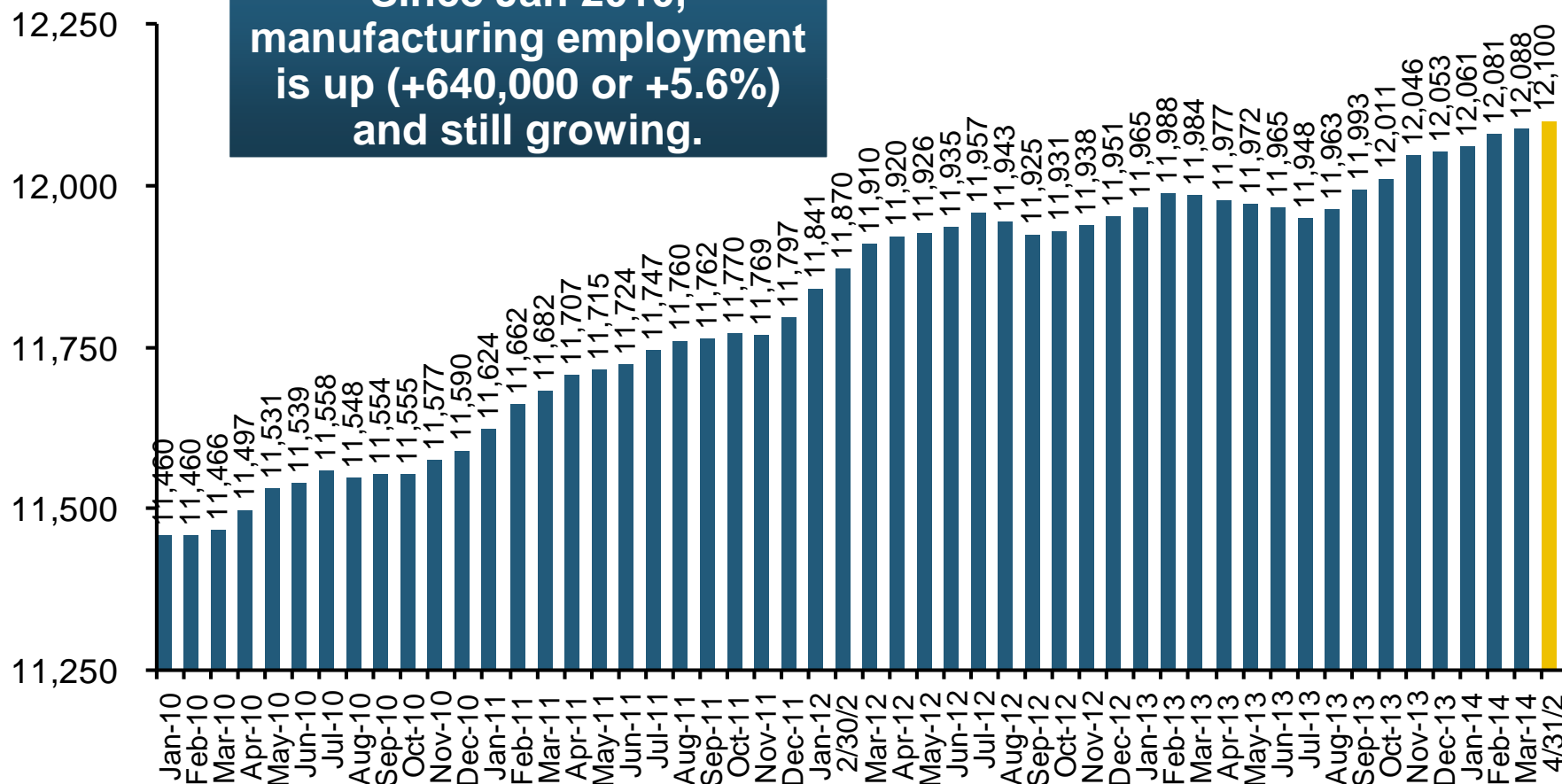
MANUFACTURING SECTOR

**A Potent Driver of Jobs and
Commercial Lines Exposure**

America's Manufacturing Renaissance

Manufacturing Employment, Jan. 2010—April 2014*

(Thousands)



Manufacturing employment is a surprising source of strength in the economy. Employment in the sector is at a multi-year high.

*Seasonally adjusted.

Sources: US Bureau of Labor Statistics at <http://data.bls.gov>; Insurance Information Institute.

Dollar Value* of Manufacturers' Shipments Monthly, Jan. 1992—Mar. 2014

\$ Millions

\$500,000

\$400,000

\$300,000

\$200,000

The value of Manufacturing Shipments in Mar. 2014 was \$494.9B—a new record high.

Jan-92 Jan-93 Jan-94 Jan-95 Jan-96 Jan-97 Jan-98 Jan-99 Jan-00 Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 12-Jan 13-Jan 14-Jan

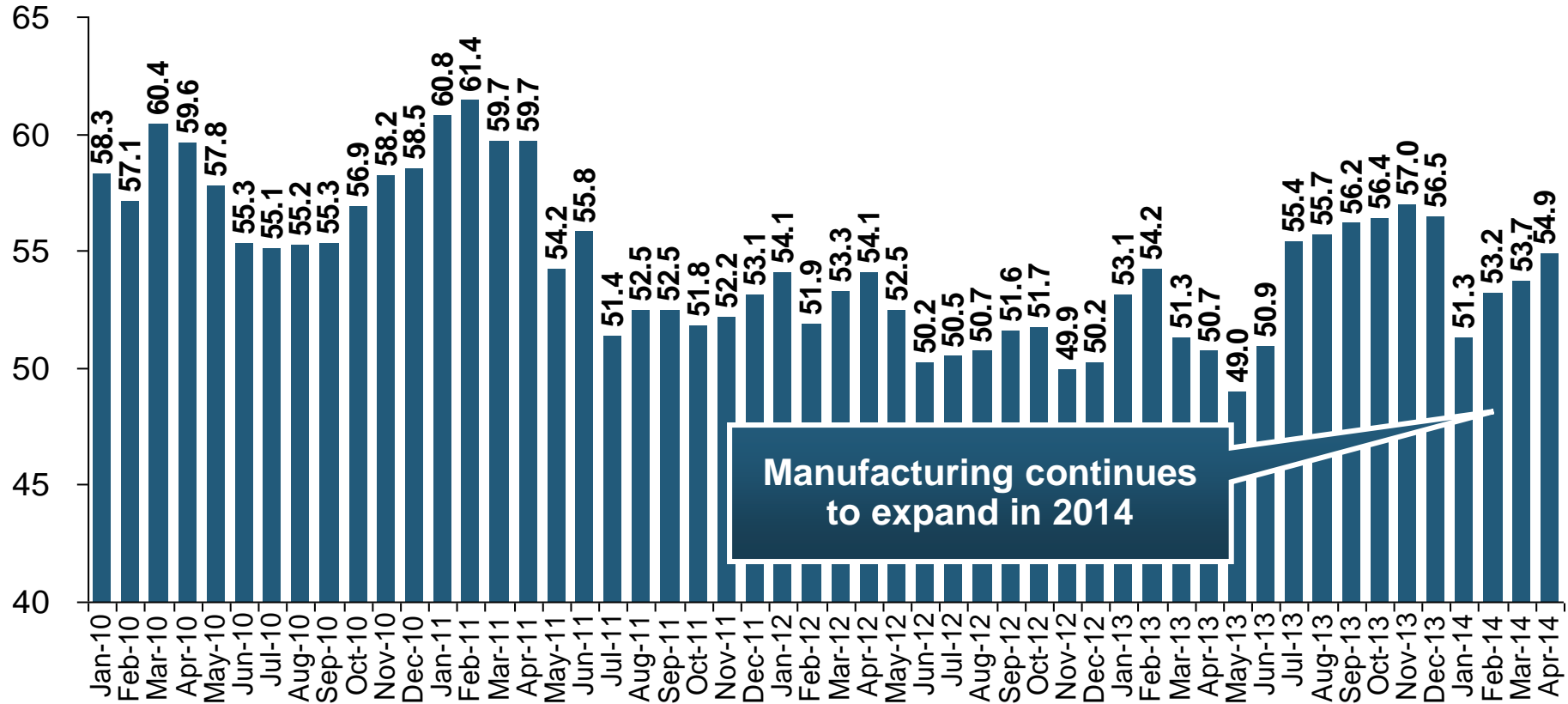
Monthly shipments in Mar. 2014 exceeded the pre-crisis (July 2008) peak. Manufacturing is energy-intensive and growth leads to gains in many commercial exposures: WC, Commercial Auto, Marine, Property, and various Liability Coverages.

* Seasonally adjusted; Data published May 2, 2014.

Source: U.S. Census Bureau, *Full Report on Manufacturers' Shipments, Inventories, and Orders*, <http://www.census.gov/manufacturing/m3/>

ISM Manufacturing Index (Values > 50 Indicate Expansion)

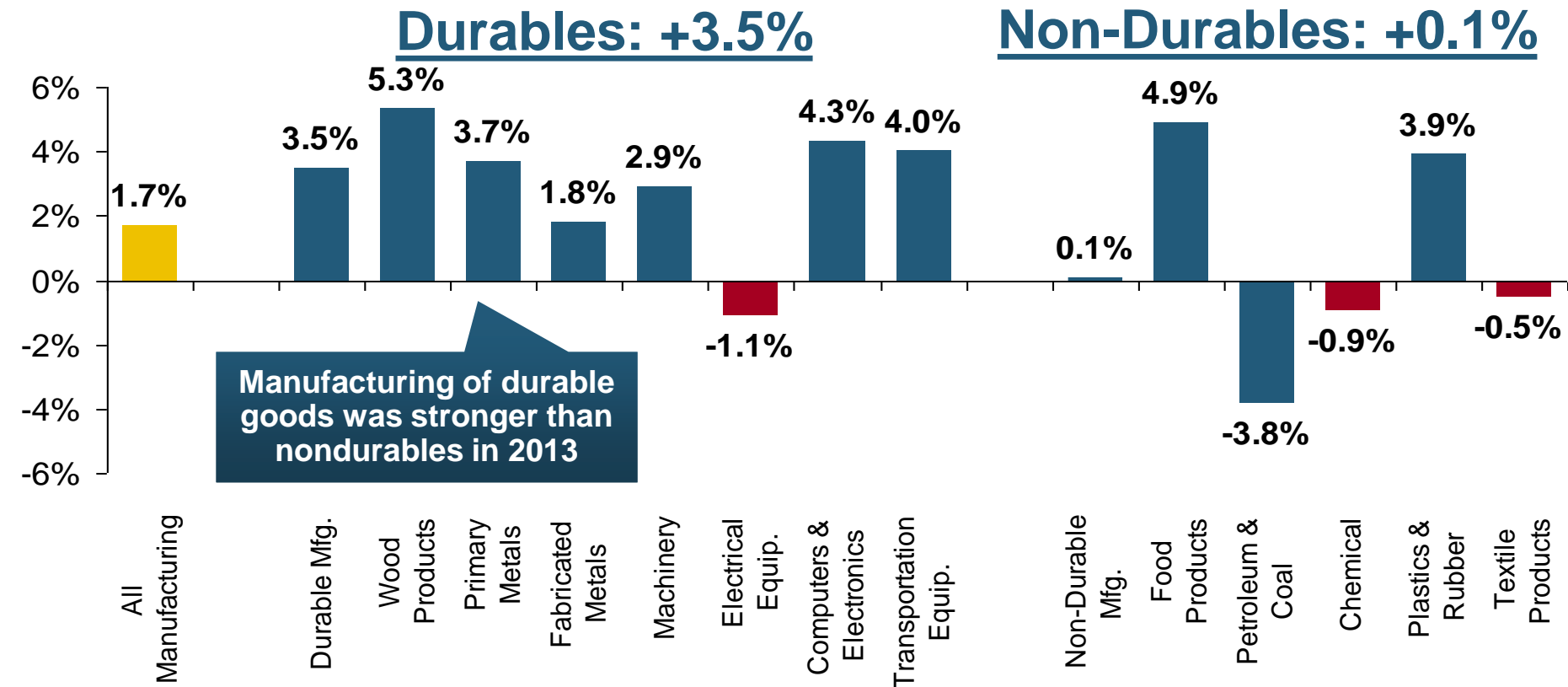
January 2010 through April 2014



The manufacturing sector expanded for 50 of the 52 months from Jan. 2010 through April 2014. Pace of recovery has been uneven due to economic turbulence in the U.S., Europe and China

Manufacturing Growth for Selected Sectors, 2014 vs. 2013*

Growth (%)



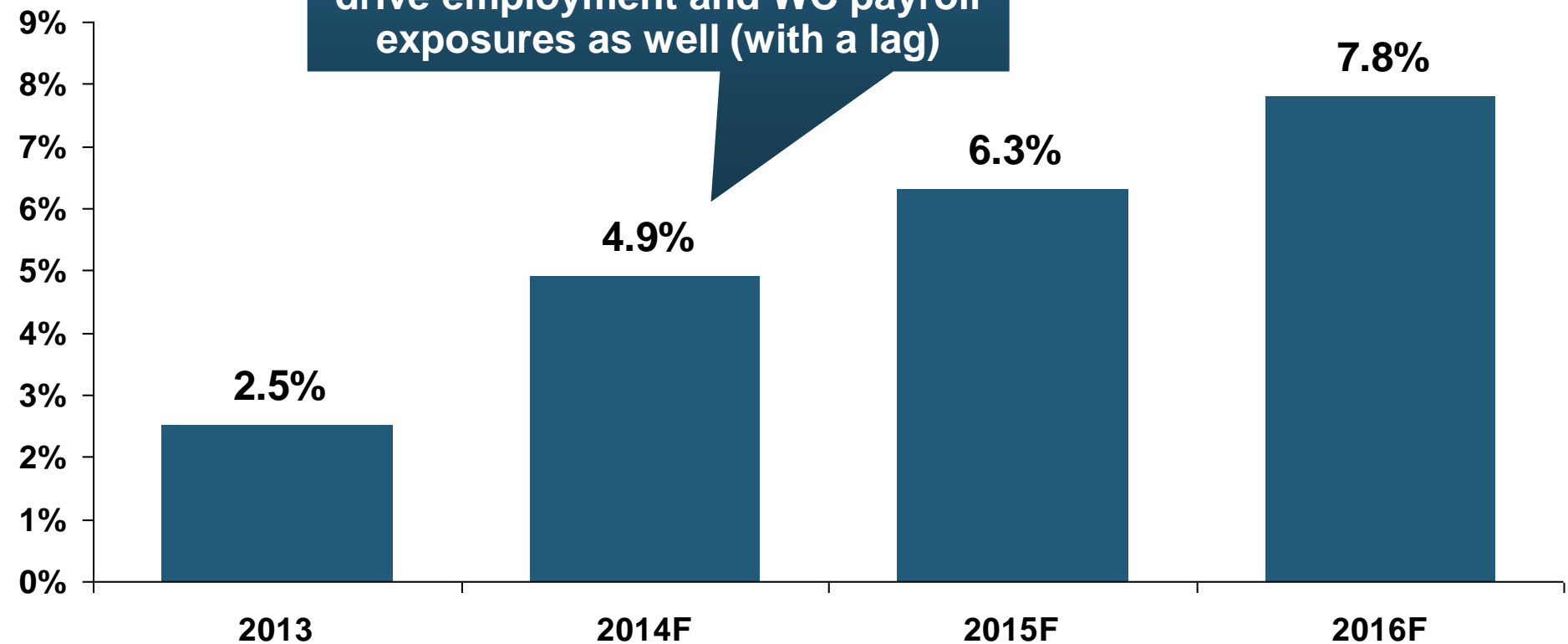
Manufacturing Is Expanding—Albeit Slowly—Across a Number of Sectors that Will Contribute to Growth in Insurable Exposures Including: WC, Commercial Property, Commercial Auto and Many Liability Coverages

*Seasonally adjusted; Date are YTD comparing data through March 2014 to the same period in 2013.

Source: U.S. Census Bureau, *Full Report on Manufacturers' Shipments, Inventories, and Orders*, <http://www.census.gov/manufacturing/m3/>

Business Investment: Expected to Accelerate, Fueling Commercial Exposure Growth

Accelerating business investment will be a potent driver of commercial property and liability insurance exposures and should drive employment and WC payroll exposures as well (with a lag)



12 Industries for the Next 10 Years: Insurance Solutions Needed

Health Care
Health Sciences
Energy (Traditional)
Alternative Energy
Petrochemical
Agriculture
Natural Resources
Technology (incl. Biotechnology)
Light Manufacturing
Insourced Manufacturing
Export-Oriented Industries
Shipping (<i>Rail, Marine, Trucking, Pipelines</i>)

Many industries are poised for growth, though insurers' ability to capitalize on these industries varies widely

ENERGY SECTOR

**America's Energy Boom Is Potentially
the Most Transformative Economic
Force in the Country Today**

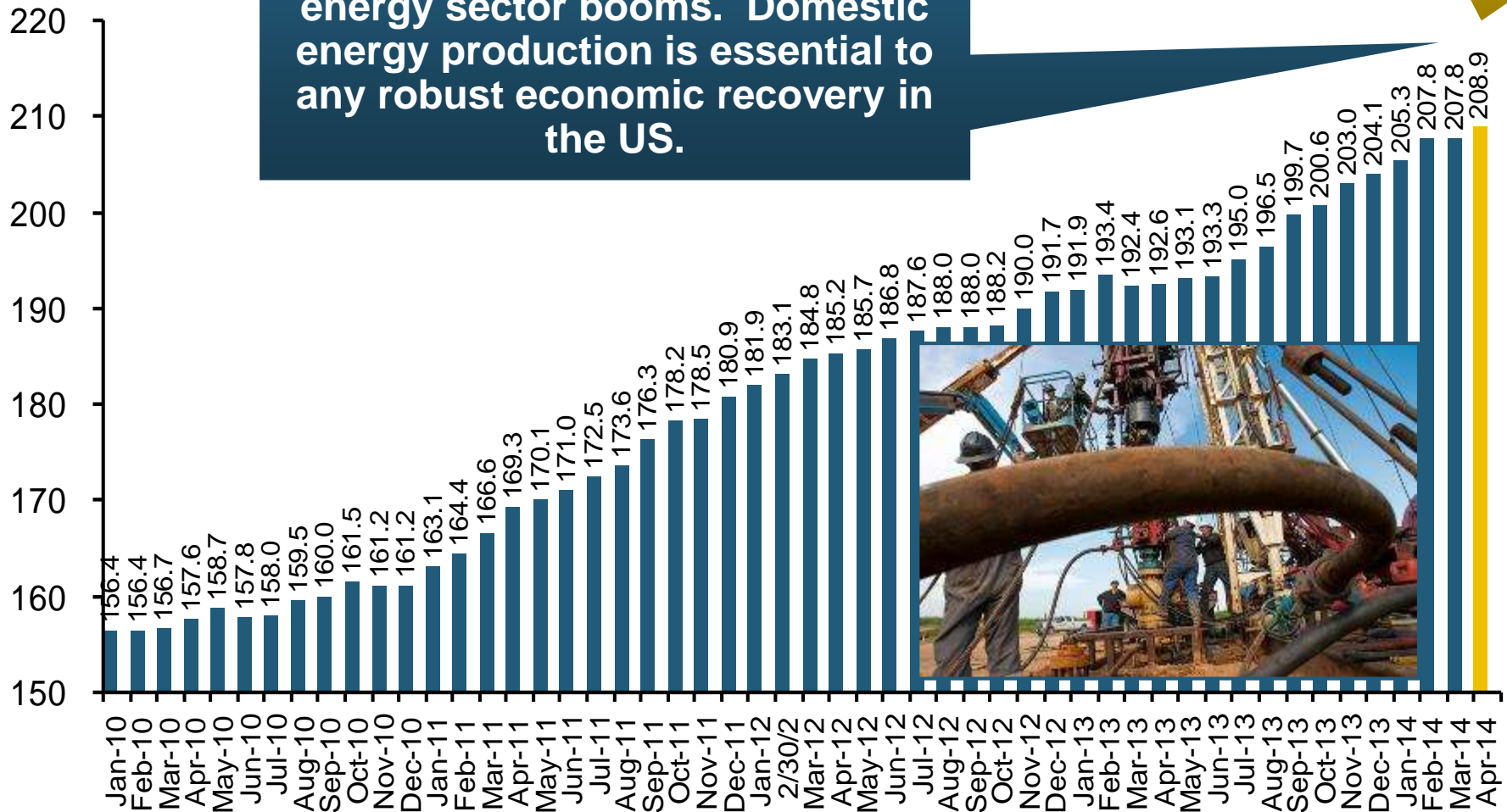
***Commercial Insurers Will Generate
Billions in Premiums as Exposures
Mushroom***

Oil & Gas Extraction Employment, Jan. 2010—April 2014*

(Thousands)

Oil and gas extraction employment is up 33.6% since Jan. 2010 as the energy sector booms. Domestic energy production is essential to any robust economic recovery in the US.

Highest since Aug. 1986

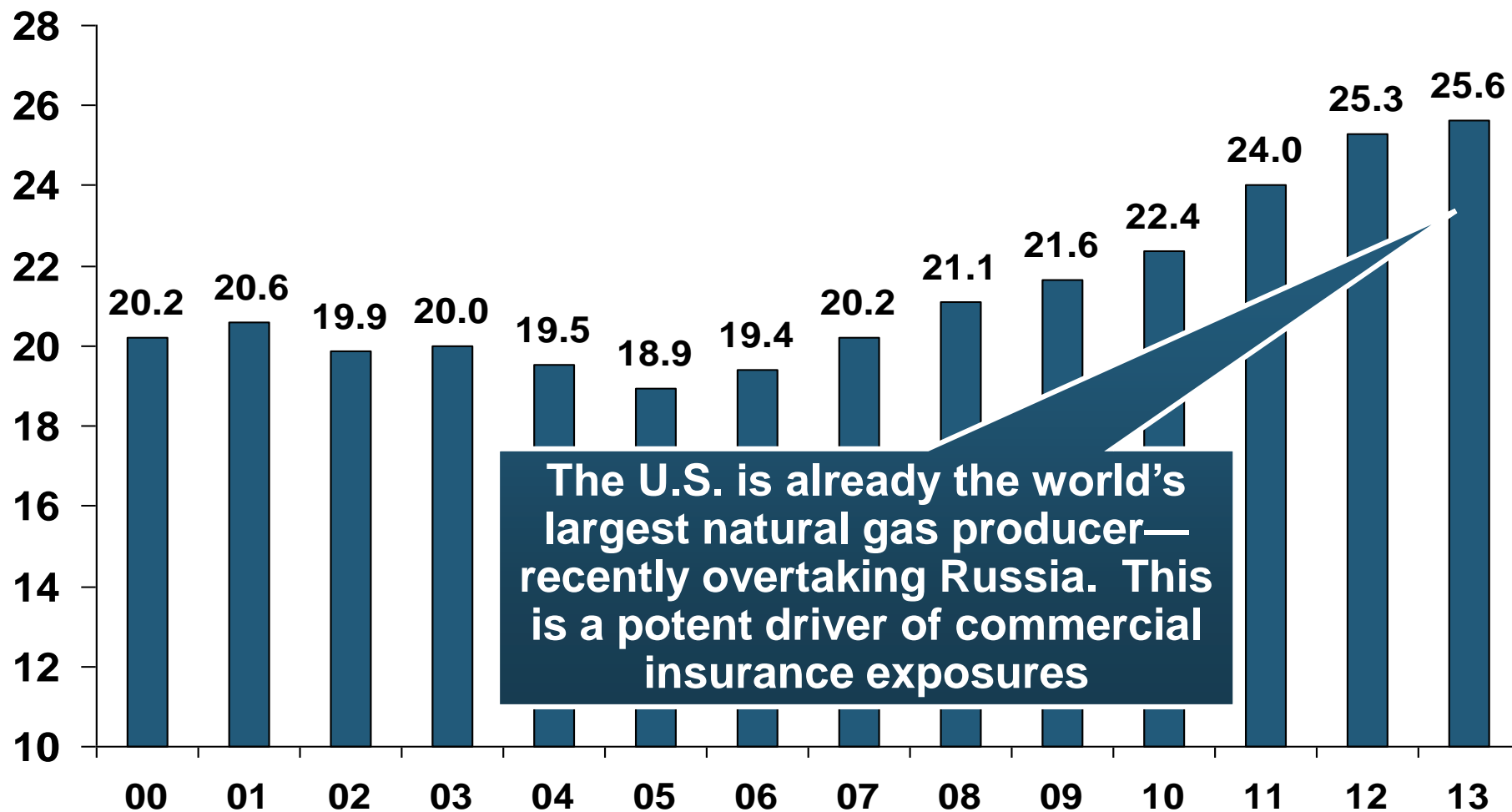


*Seasonally adjusted

Sources: US Bureau of Labor Statistics at <http://data.bls.gov>; Insurance Information Institute.

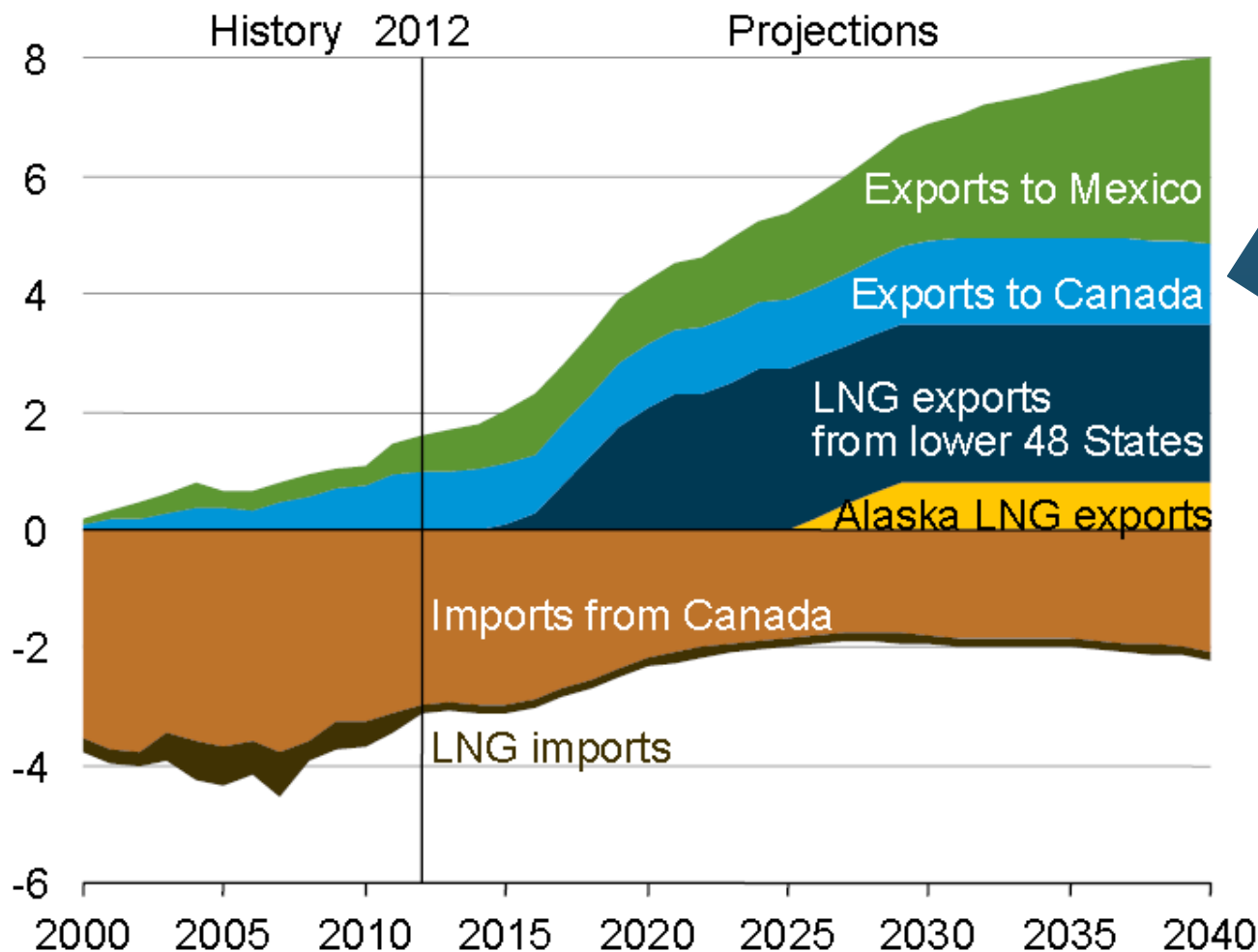
U.S. Natural Gas Production, 2000-2013

Trillions of Cubic Ft. per Year



U.S. Natural Gas Imports and Exports, 1990 - 2040

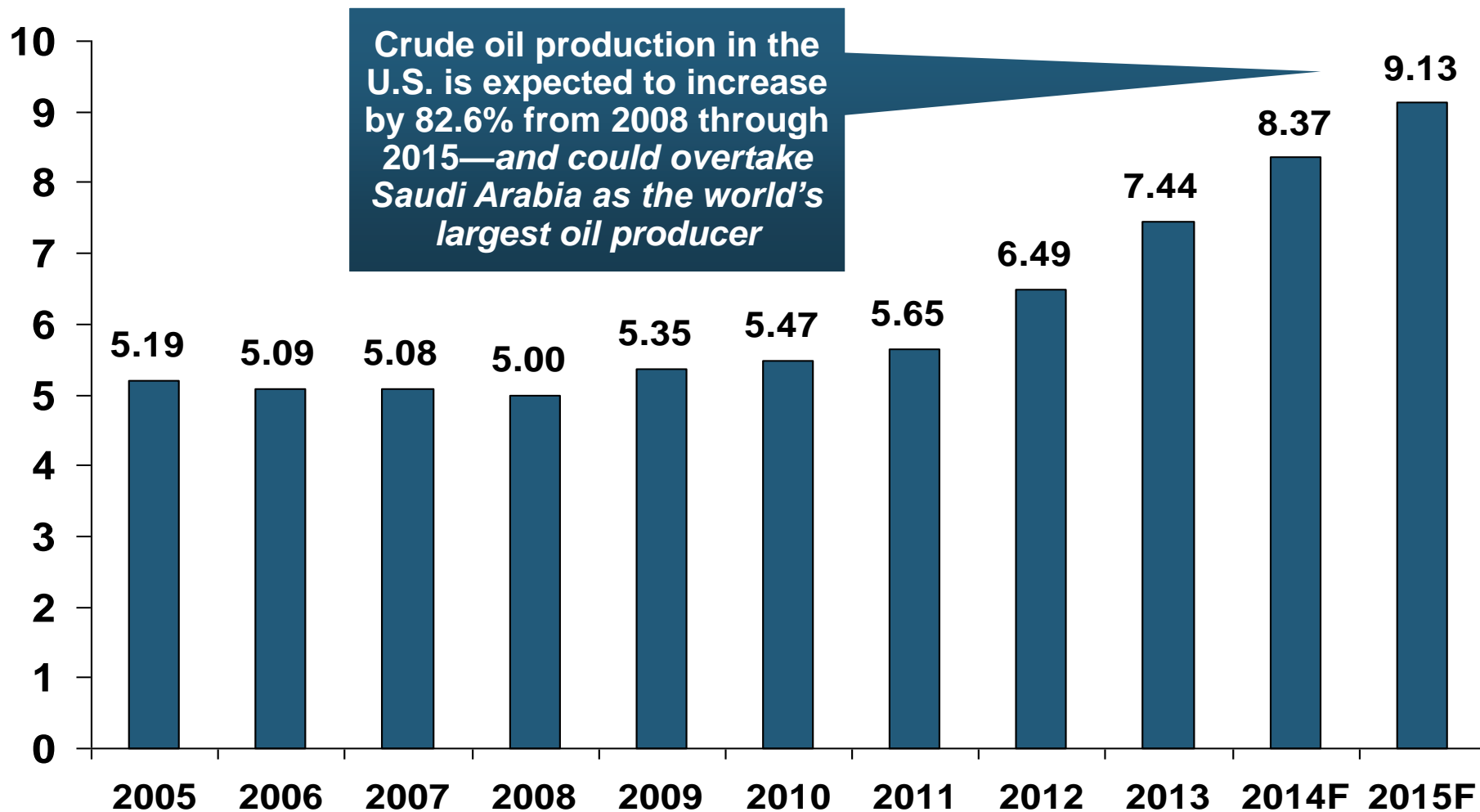
Trillions of Cubic Feet



The US is now the largest gas producer in the world, though Russia is the largest exporter. The US needs to invest in its pipeline and LNG infrastructure and expedite regulatory approval to realize its full export potential

U.S. Crude Oil Production, 2005-2015P

Millions of Barrels per Day

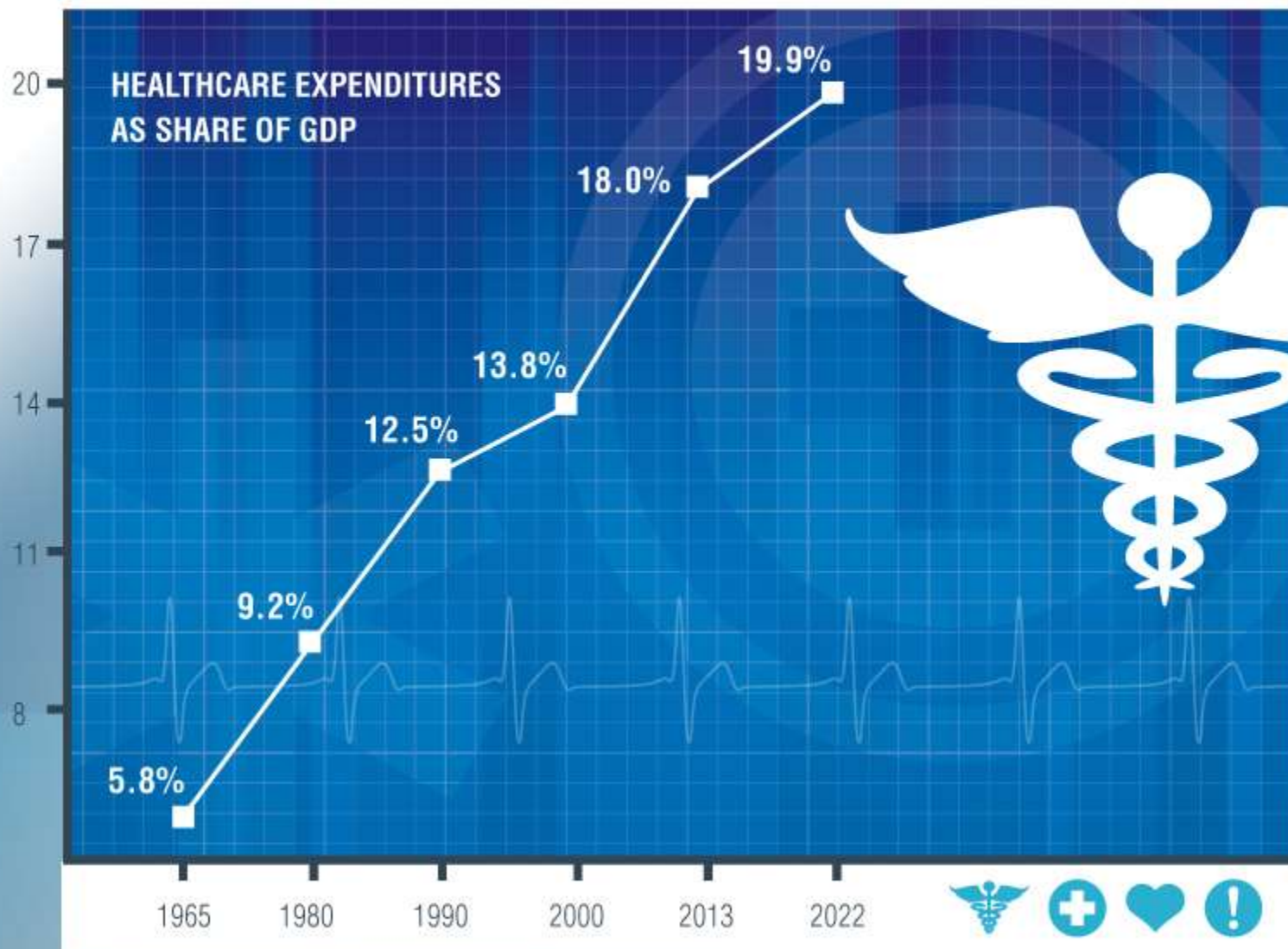


Trends in the Healthcare Industry

Growth of the Health Sector and Health Sector Employment Will Continue to Outpace

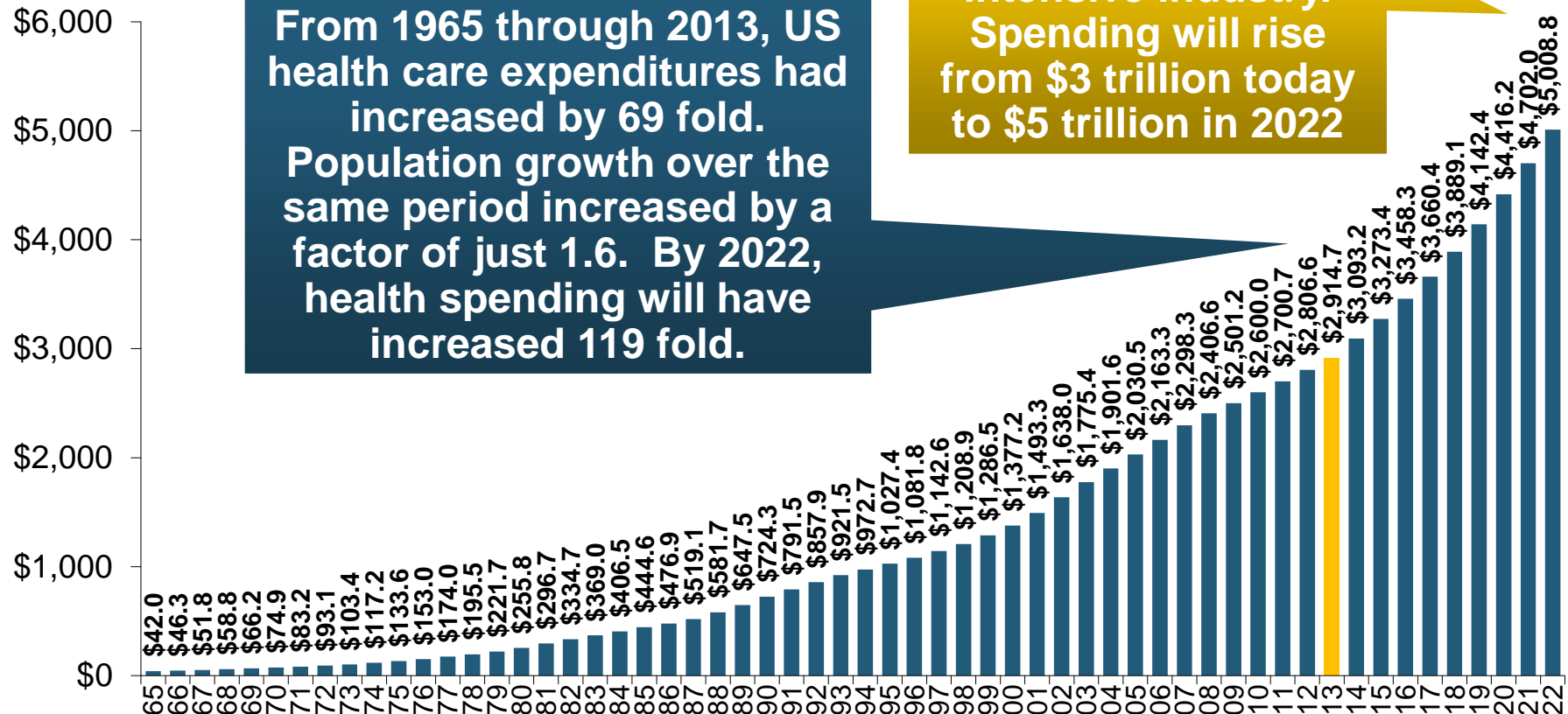
FACT:

**HEALTHCARE COSTS CONSUME EVER LARGER SHARE OF
US ECONOMIC RESOURCES**



U.S. Health Care Expenditures, 1965–2022F

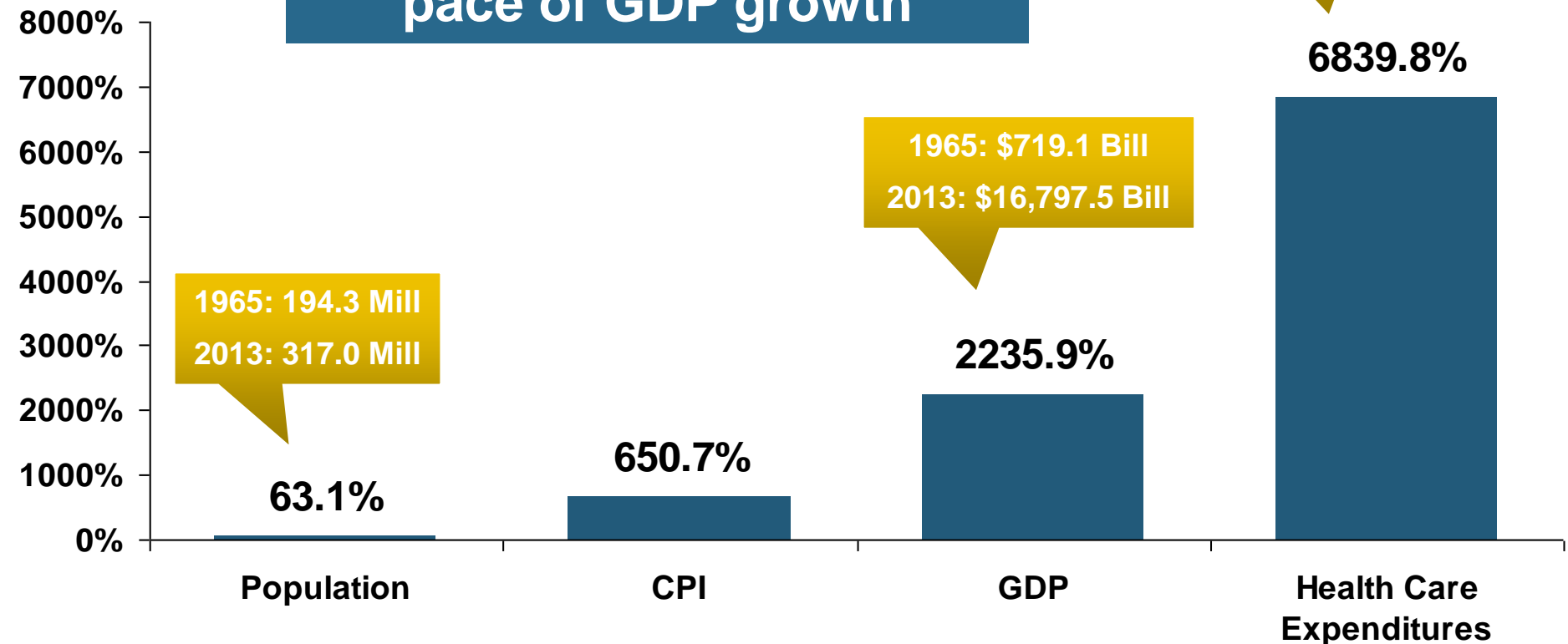
\$ Billions



U.S. health care expenditures have been on a relentless climb for most of the past half century, far outstripping population growth, inflation of GDP growth

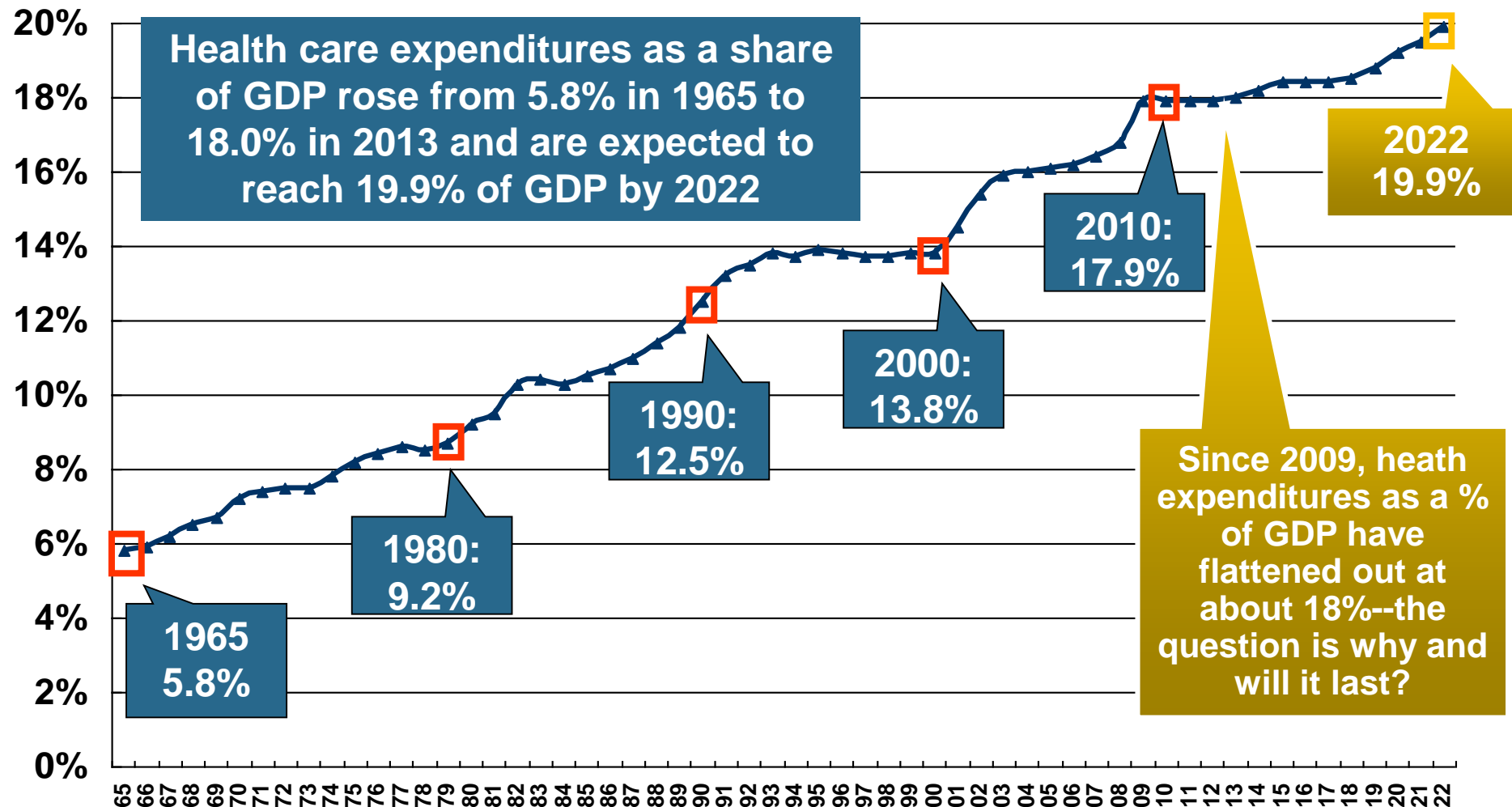
Rate of Health Care Expenditure Increase Compared to Population, CPI and GDP

Health care expenditures increased 68 fold since 1965—about 3 times the pace of GDP growth

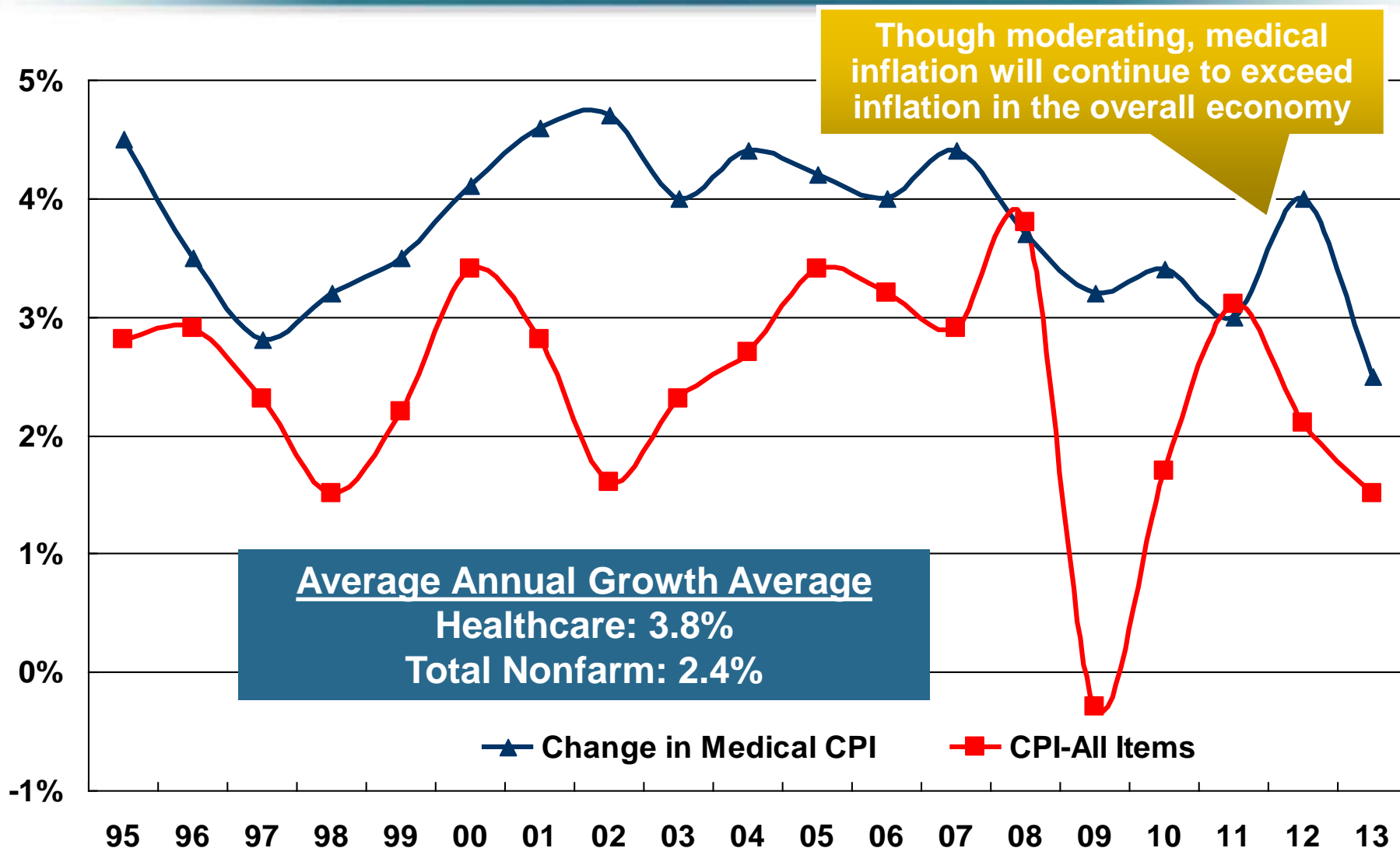


National Health Care Expenditures as a Share of GDP, 1965 – 2022F*

% of GDP

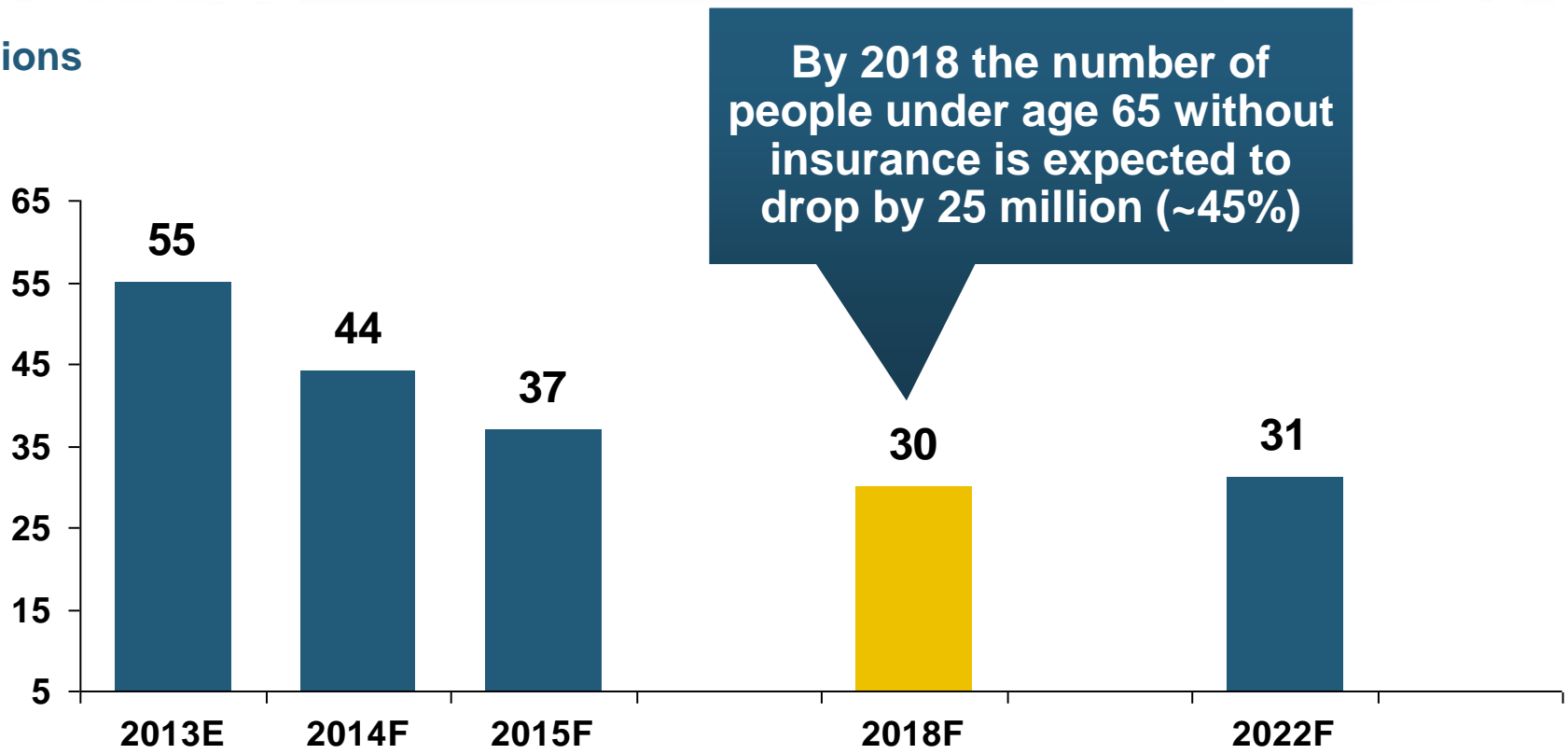


Medical Cost Inflation vs. Overall CPI, 1995 - 2013



Projected Number of People with No Health Insurance, 2013—2022*

Millions

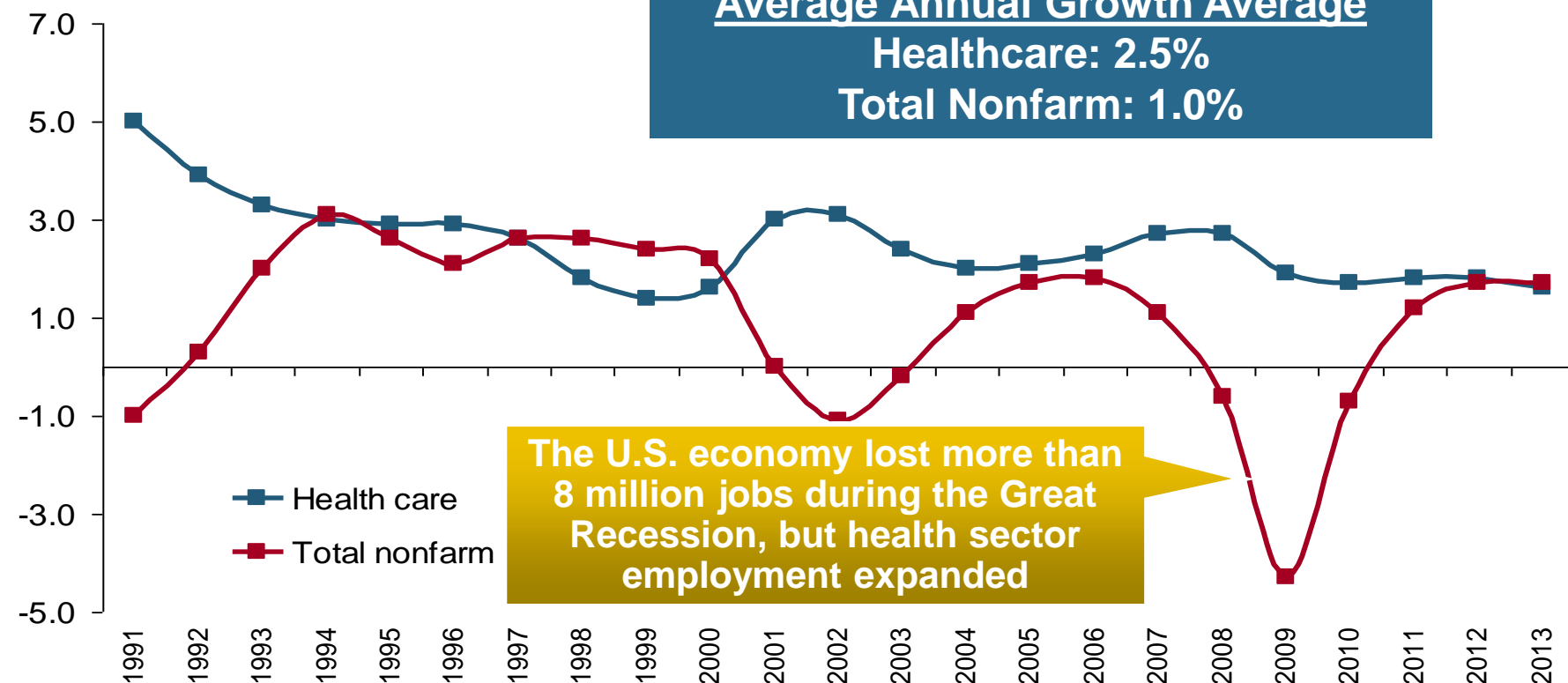


The projected decline in the uninsured population is very sensitive to the enrollment rate under the Affordable Care Act

*Under age 65.
Sources: Centers for Medicare & Medicaid Services, Office of the Actuary at <http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsProjected.html> accessed 3/14/14; Insurance Information Institute.

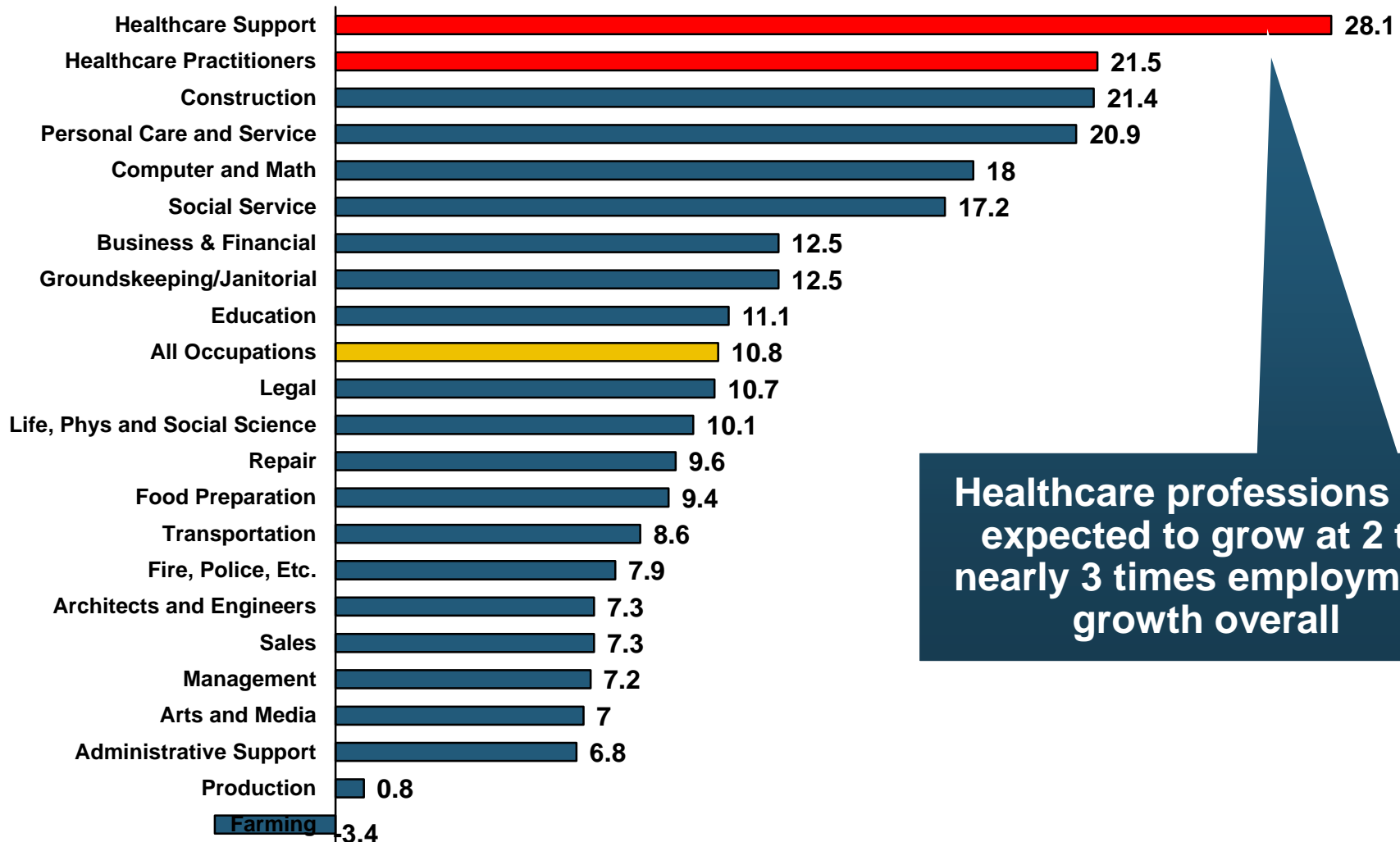
Growth in Health Professions, 1991-2013

(Percent Annual Change)



Healthcare employment has continued to grow in good times and bad - including the Great Recession.

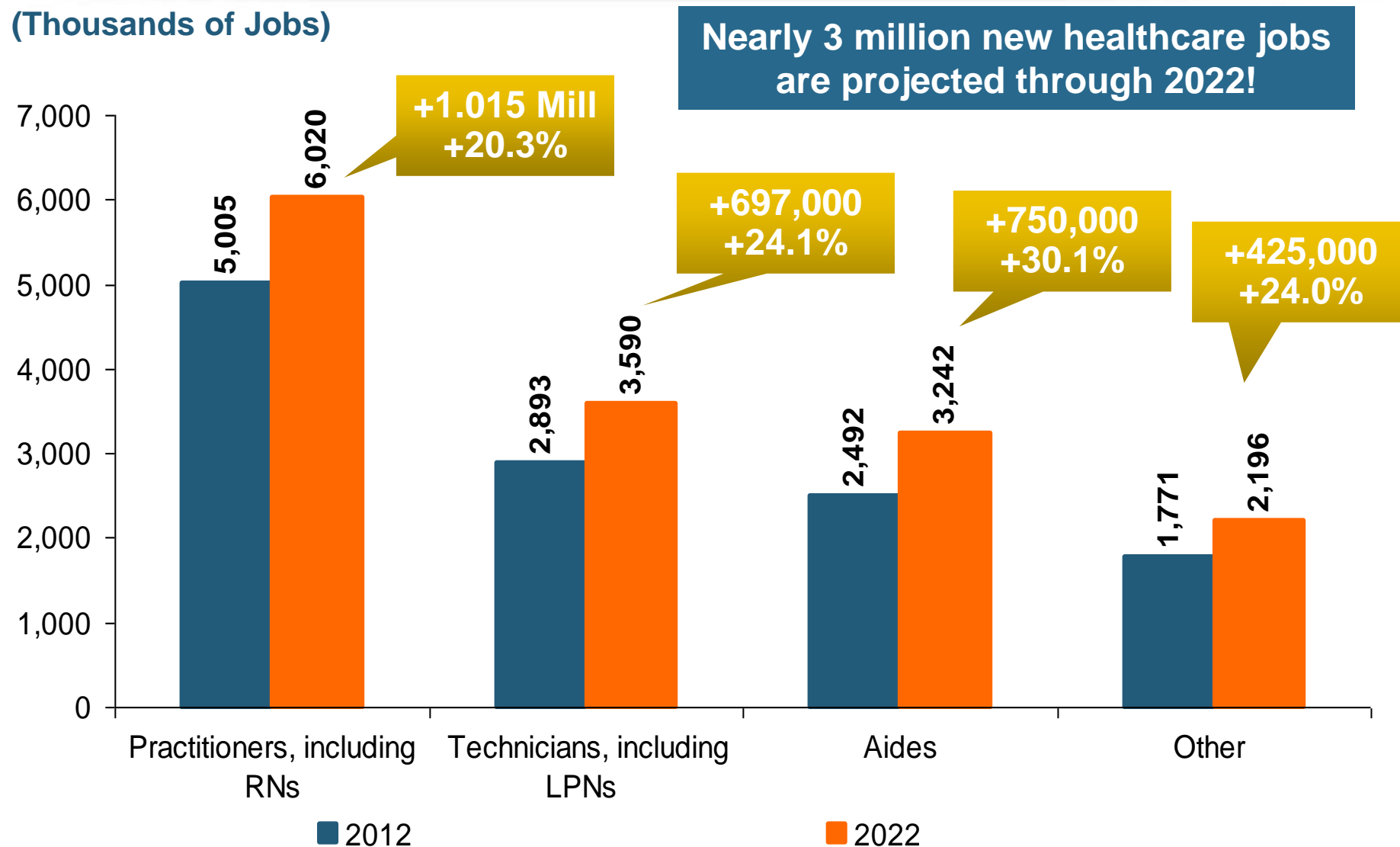
Occupations Ranked by Projected Percentage Growth, 2012-2022F (%)



Healthcare professions are expected to grow at 2 to nearly 3 times employment growth overall

Growth in Healthcare Profession by Skill Level, 2012 – 2022F

(Thousands of Jobs)



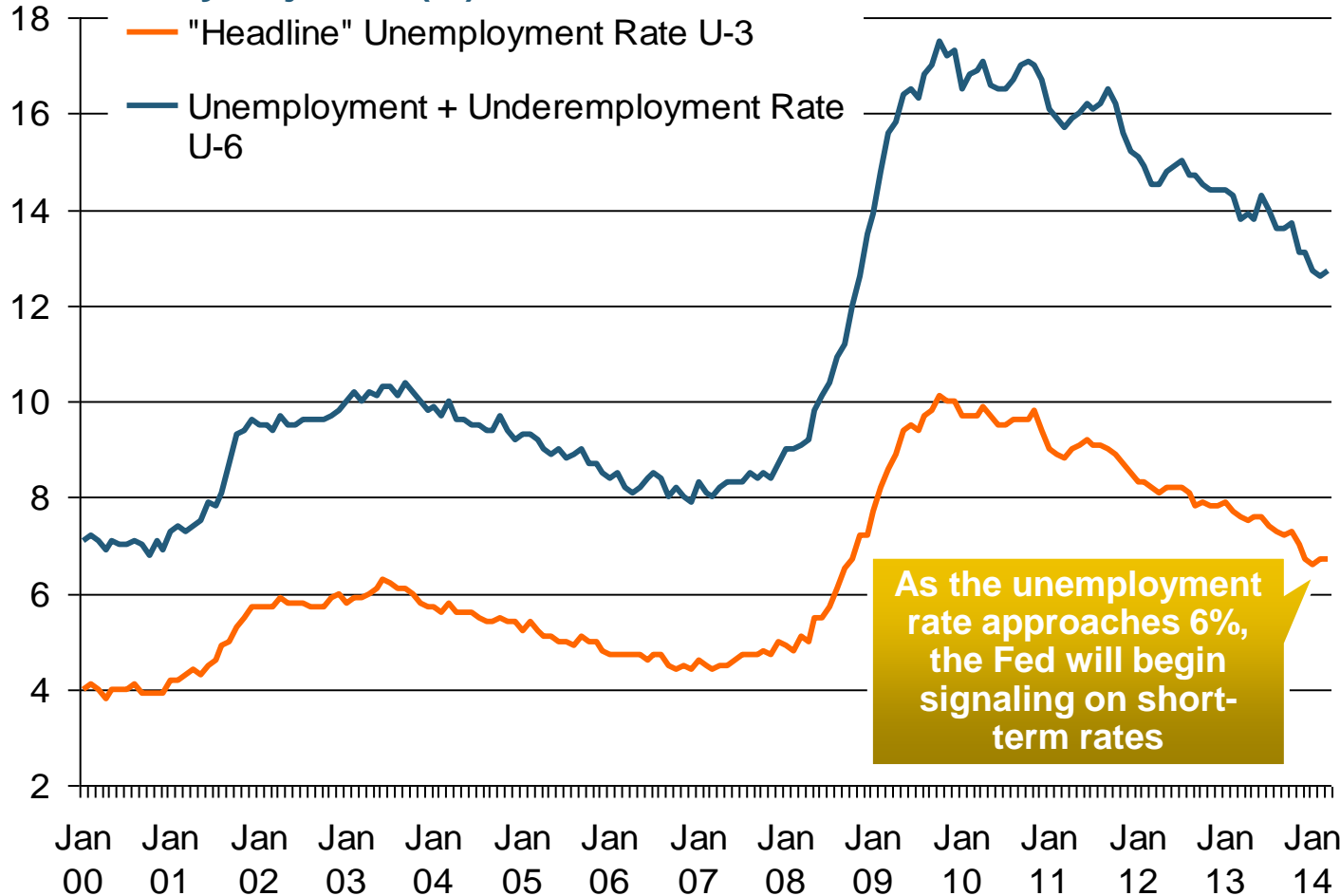
Source: Bureau of Labor Statistics, Insurance Information Institute.

Labor Market Trends

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

Unemployment and Underemployment Rates: Still Too High, But Falling

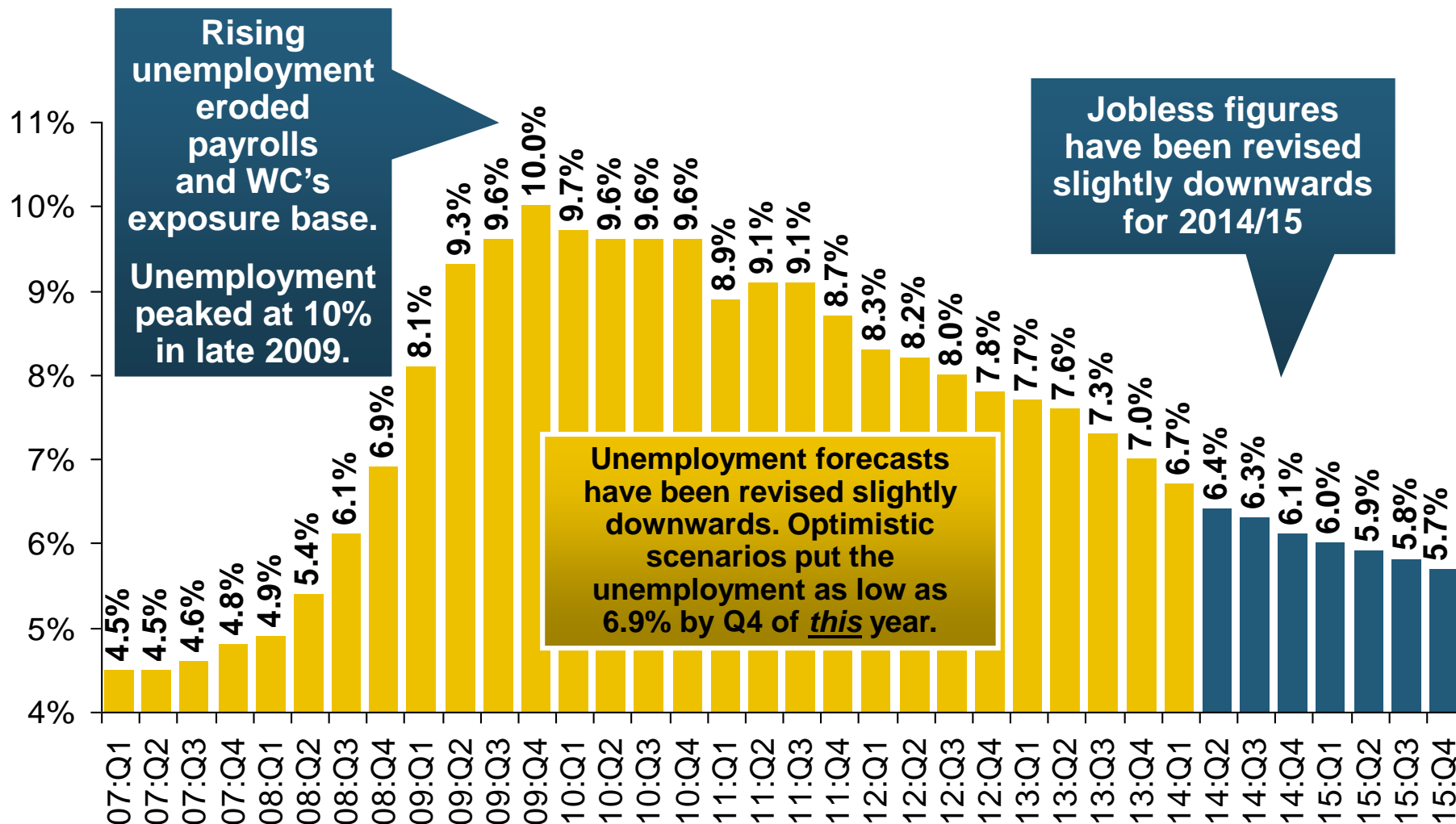
January 2000 through March 2014,
Seasonally Adjusted (%)



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

US Unemployment Rate Forecast

2007:Q1 to 2015:Q4F*

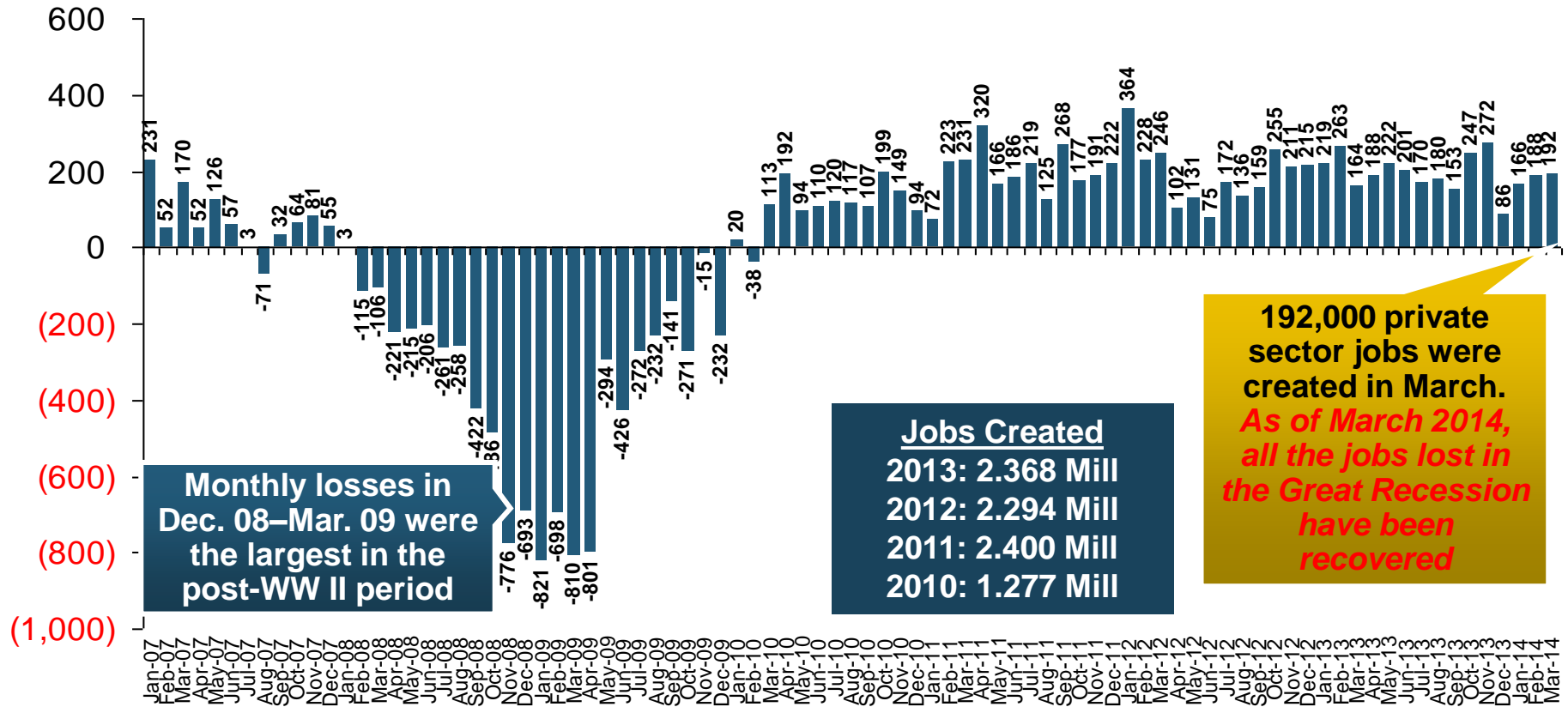


* ■ = actual; ■ = forecasts

Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators (5/14 edition); Insurance Information Institute.

Monthly Change in Private Employment

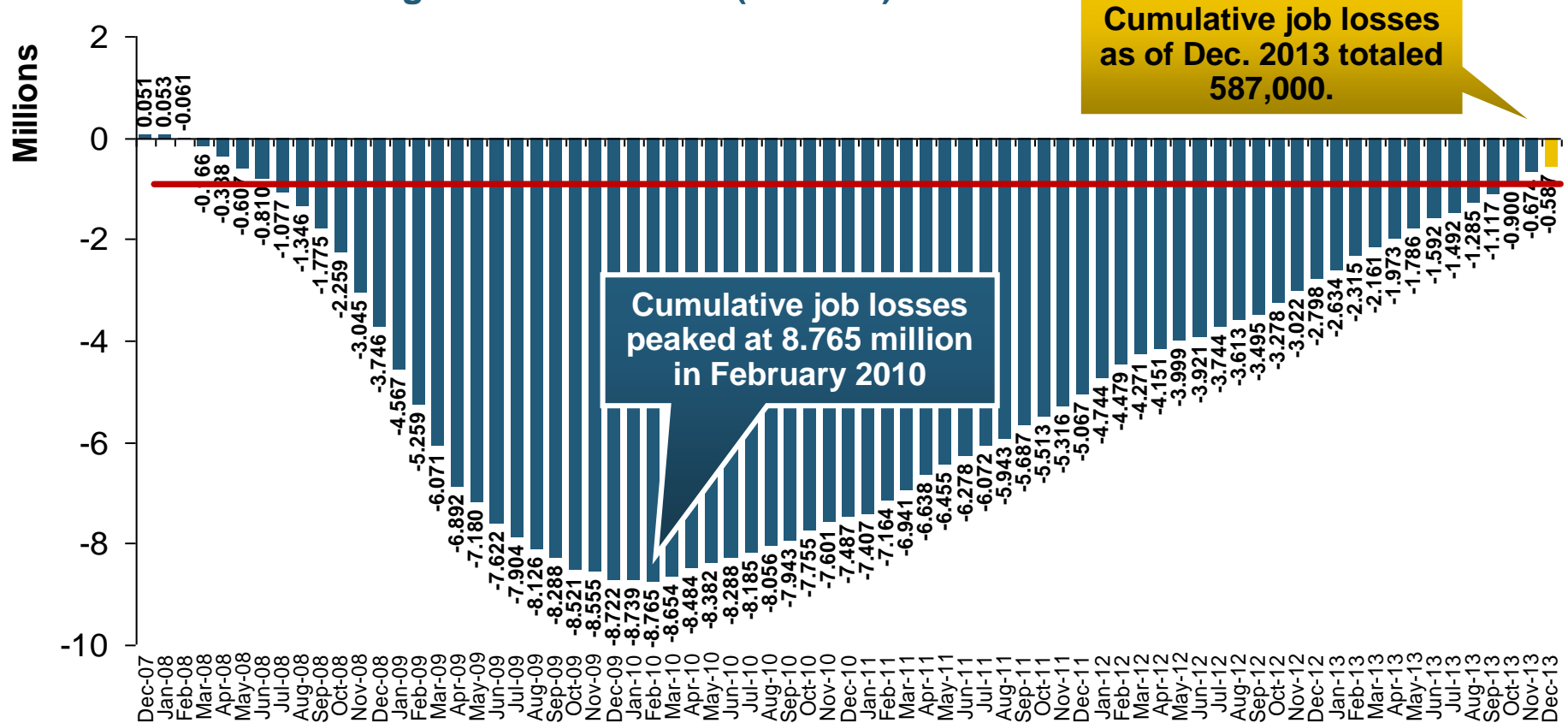
January 2007 through March 2014 (Thousands, Seasonally Adjusted)



Private Employers Added 8.88 million Jobs Since Jan. 2010 After Having Shed 5.01 Million Jobs in 2009 and 3.76 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

Cumulative Change in Private Employment: Dec. 2007—Dec. 2013

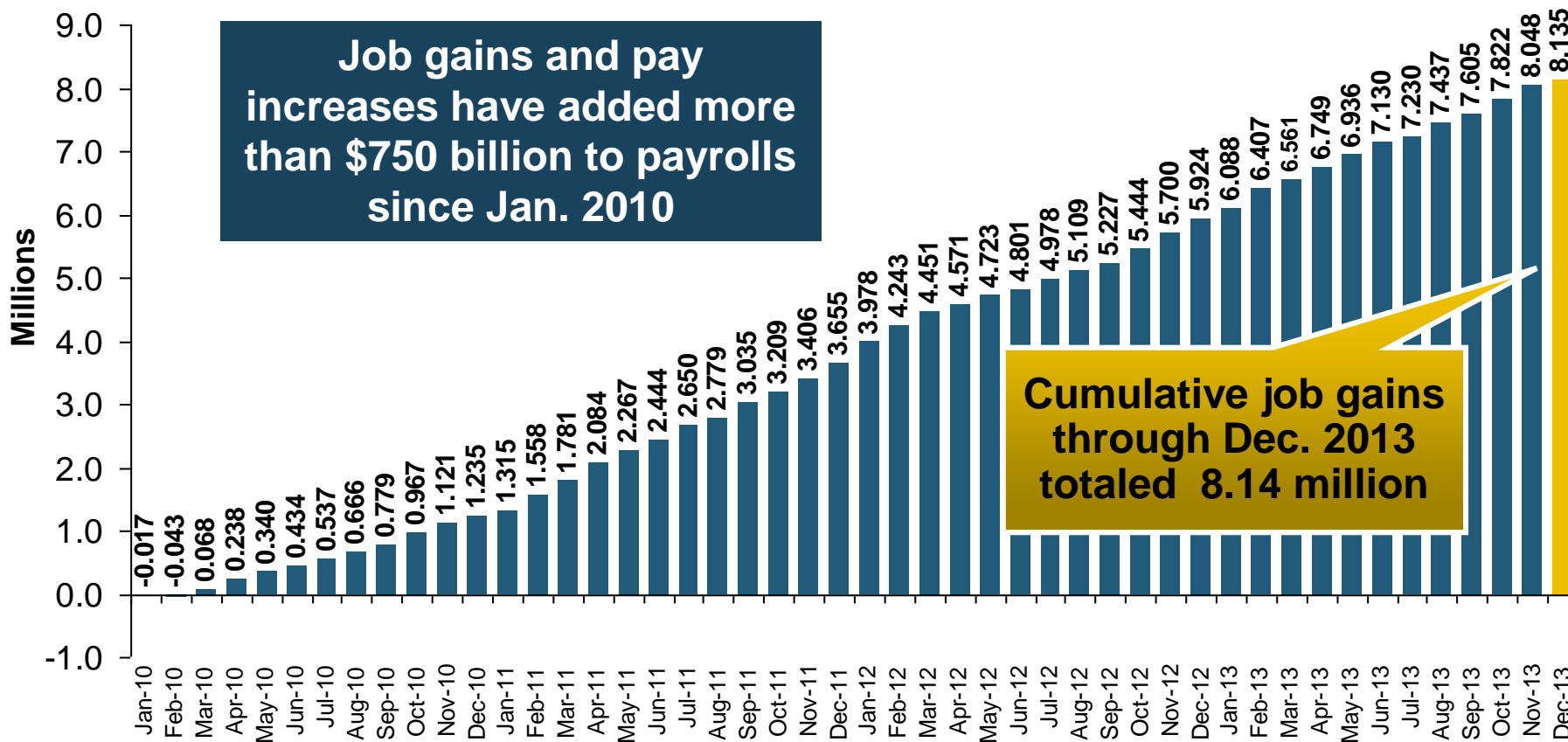
December 2007 through December 2013 (Millions)



Private Employers Added 8.14 million Jobs Since Jan. 2010 After Having Shed 4.98 Million Jobs in 2009 and 3.80 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

Cumulative Change in Private Sector Employment: Jan. 2010—Dec. 2013

January 2010 through December 2013* (Millions)

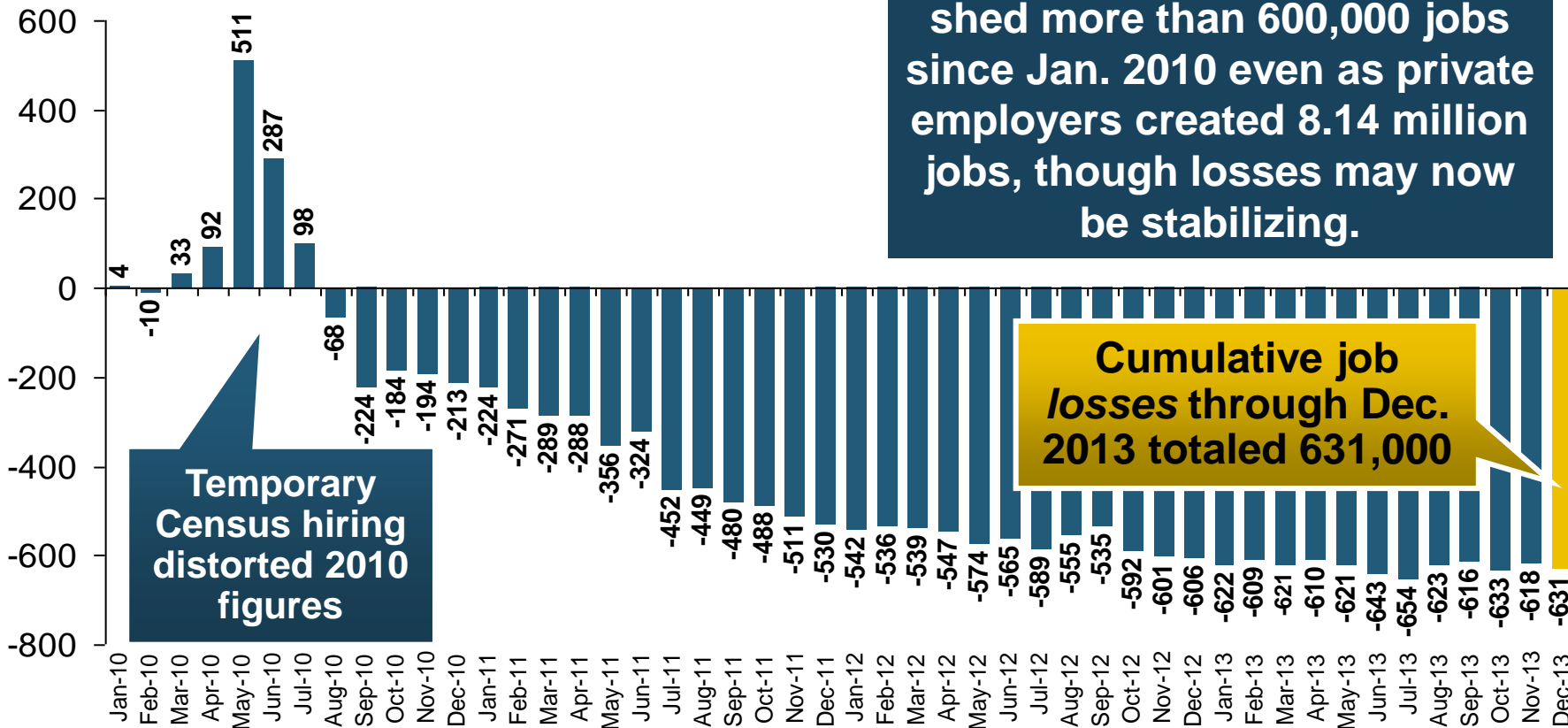


Private Employers Added 8.14 million Jobs Since Jan. 2010 After Having Shed 4.98 Million Jobs in 2009 and 3.80 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

Cumulative Change in Government Employment: Jan. 2010—Dec. 2013

January 2010 through Dec. 2013* (Millions)

Government at all levels has shed more than 600,000 jobs since Jan. 2010 even as private employers created 8.14 million jobs, though losses may now be stabilizing.

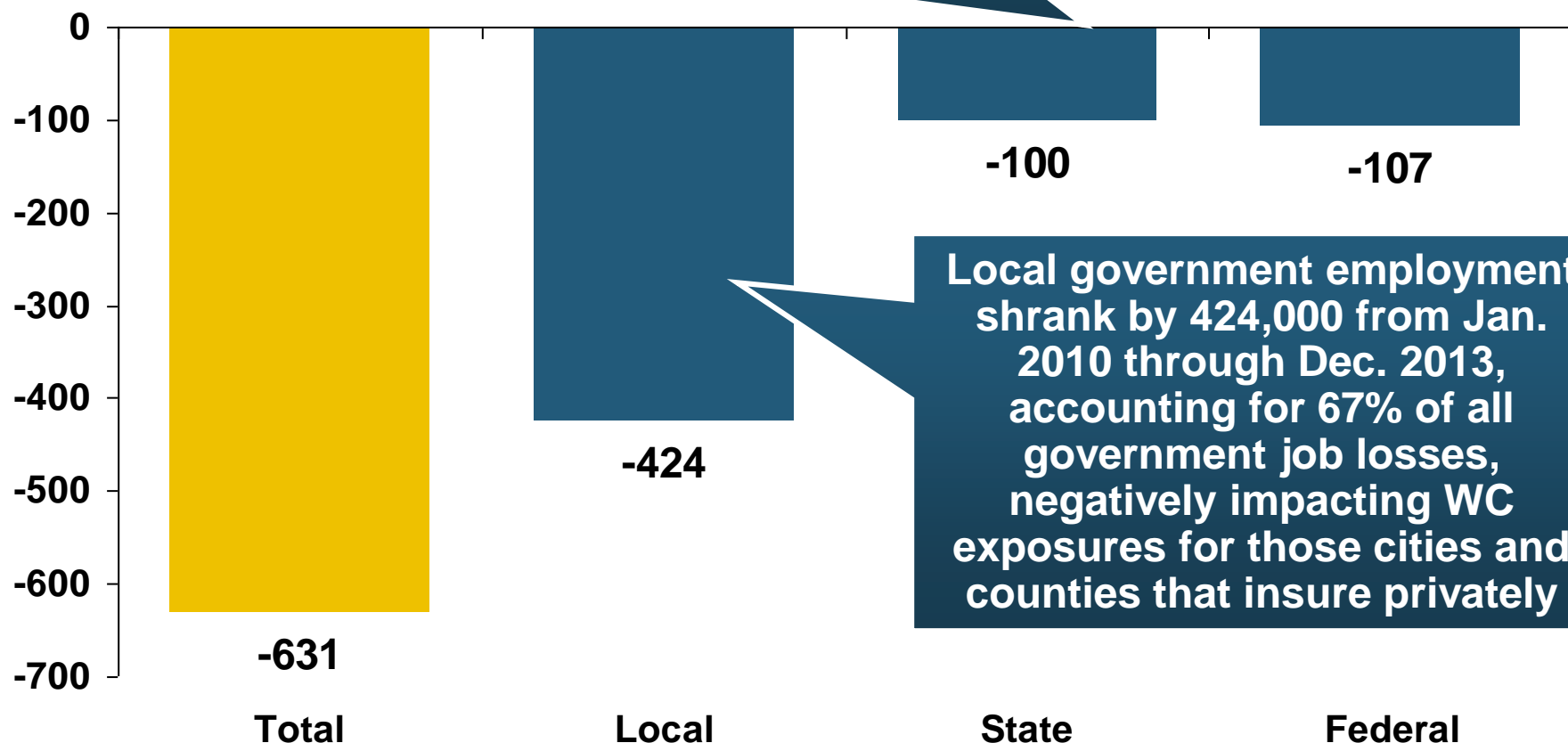


Governments at All Levels are Under Severe Fiscal Strain As Tax Receipts Plunged and Pension Obligations Soared During the Financial Crisis: Sequestration Will Add to this Toll

Net Change in Government Employment: Jan. 2010—Dec. 2013*

(Thousands)

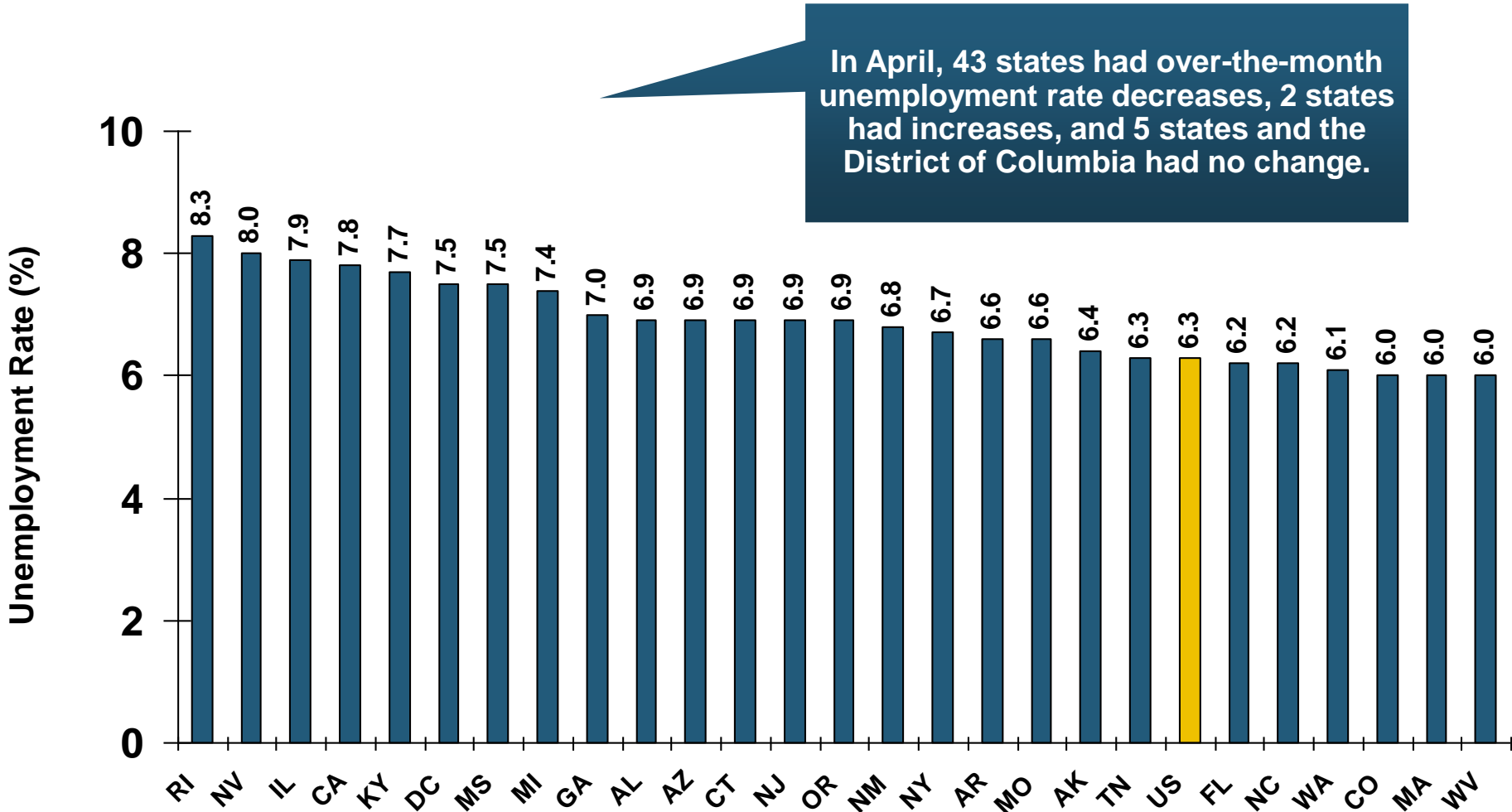
State government employment fell by 1.9% since the end of 2009 but is recovering while Federal employment is down by 3.8% and deteriorating



*Cumulative change from prior month; Base employment date is Dec. 2009.

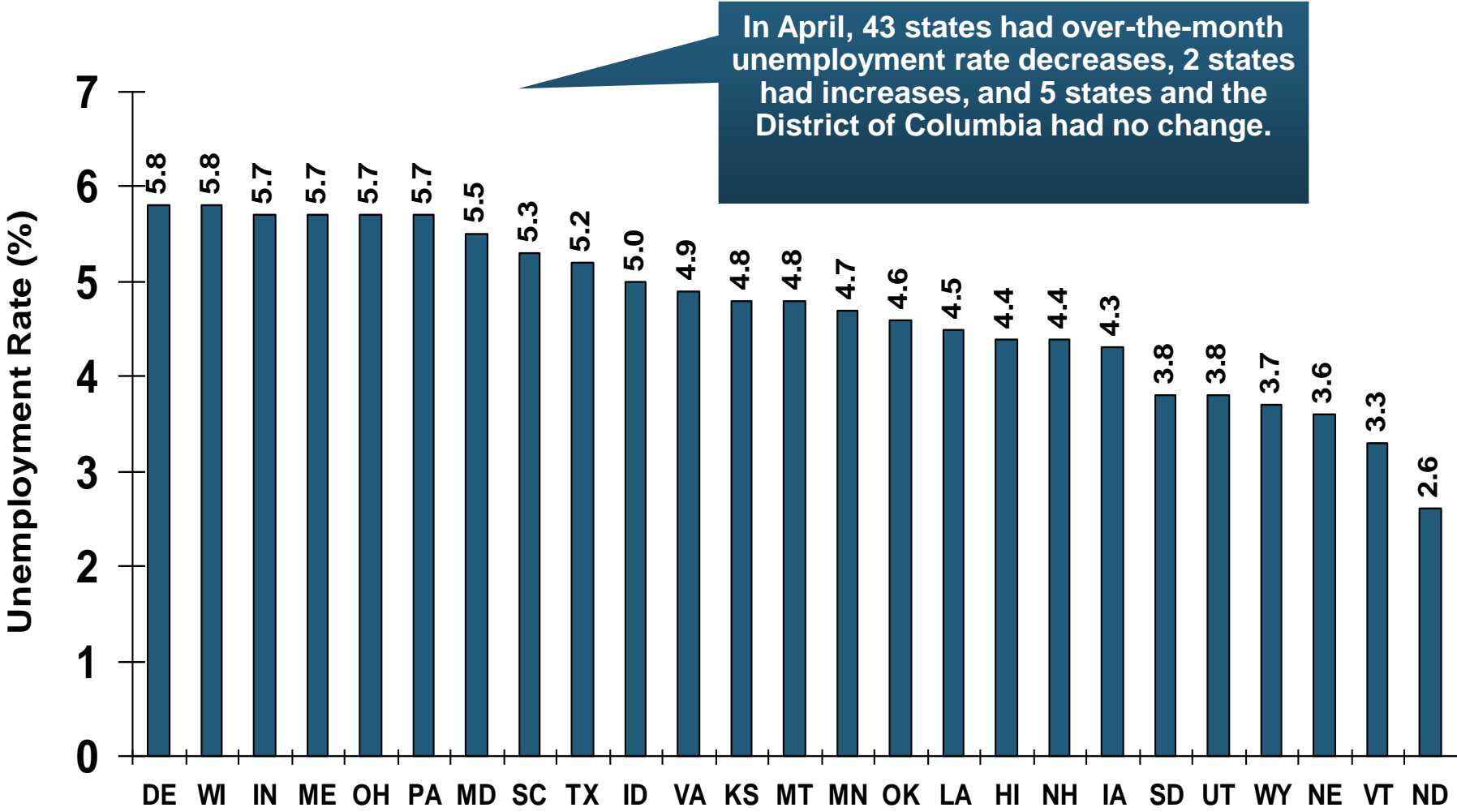
Source: US Bureau of Labor Statistics <http://www.bls.gov/data/#employment>; Insurance Information Institute

Unemployment Rates by State, April 2014: Highest 25 States*



*Provisional figures for April 2014, seasonally adjusted.
Sources: US Bureau of Labor Statistics; Insurance Information Institute.

Unemployment Rates by State, April 2014: Lowest 25 States*



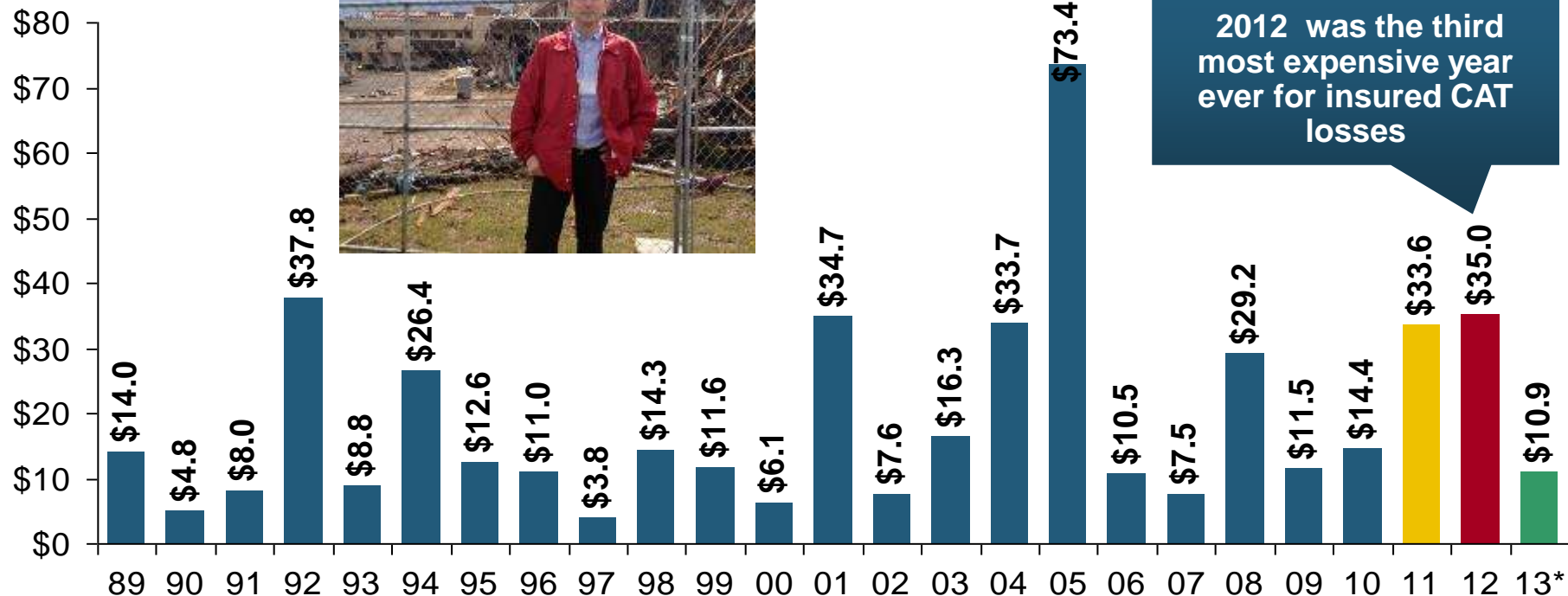
*Provisional figures for April 2014, seasonally adjusted.
Sources: US Bureau of Labor Statistics; Insurance Information Institute.

U.S. Insured Catastrophe Loss Update

**2013 Was a Welcome Respite from the
High Catastrophe Losses in Recent Years**

U.S. Insured Catastrophe Losses

(\$ Billions, \$ 2012)



2012 was the third most expensive year ever for insured CAT losses

2012 Was the 3rd Highest Year on Record for Insured Losses in U.S. History on an Inflation-Adj. Basis. 2011 Losses Were the 6th Highest. YTD 2013 Running Well Below 2011 and 2012 YTD Totals.

Record tornado losses caused 2011 CAT losses to surge

*Through 8/31/13. Includes \$9.7B for 2013:H1 (PCS) and \$1.2B I.I.I. estimate for the period 7/1 – 8/31/13.

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.

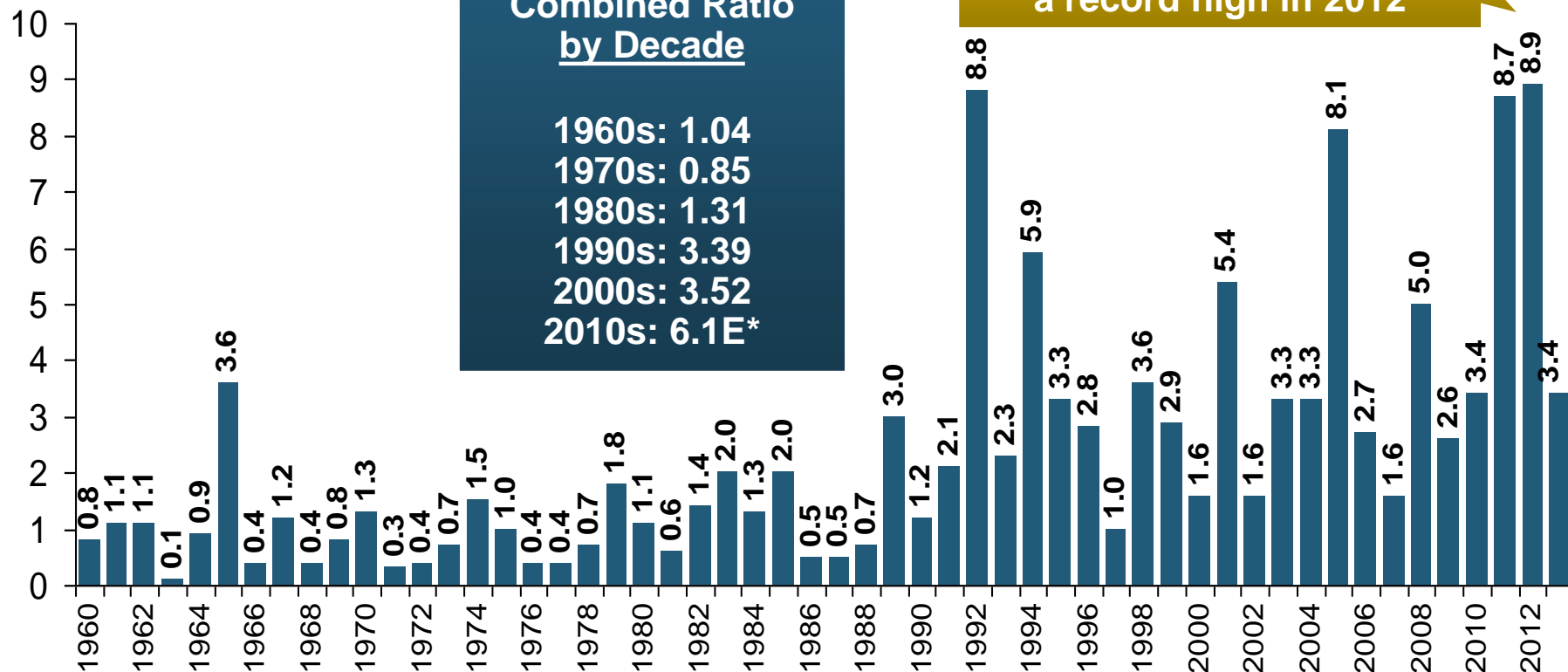
Combined Ratio Points Associated with Catastrophe Losses: 1960 – 2013*

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: 6.1E*

Catastrophe losses as a share of all losses reached a record high in 2012



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

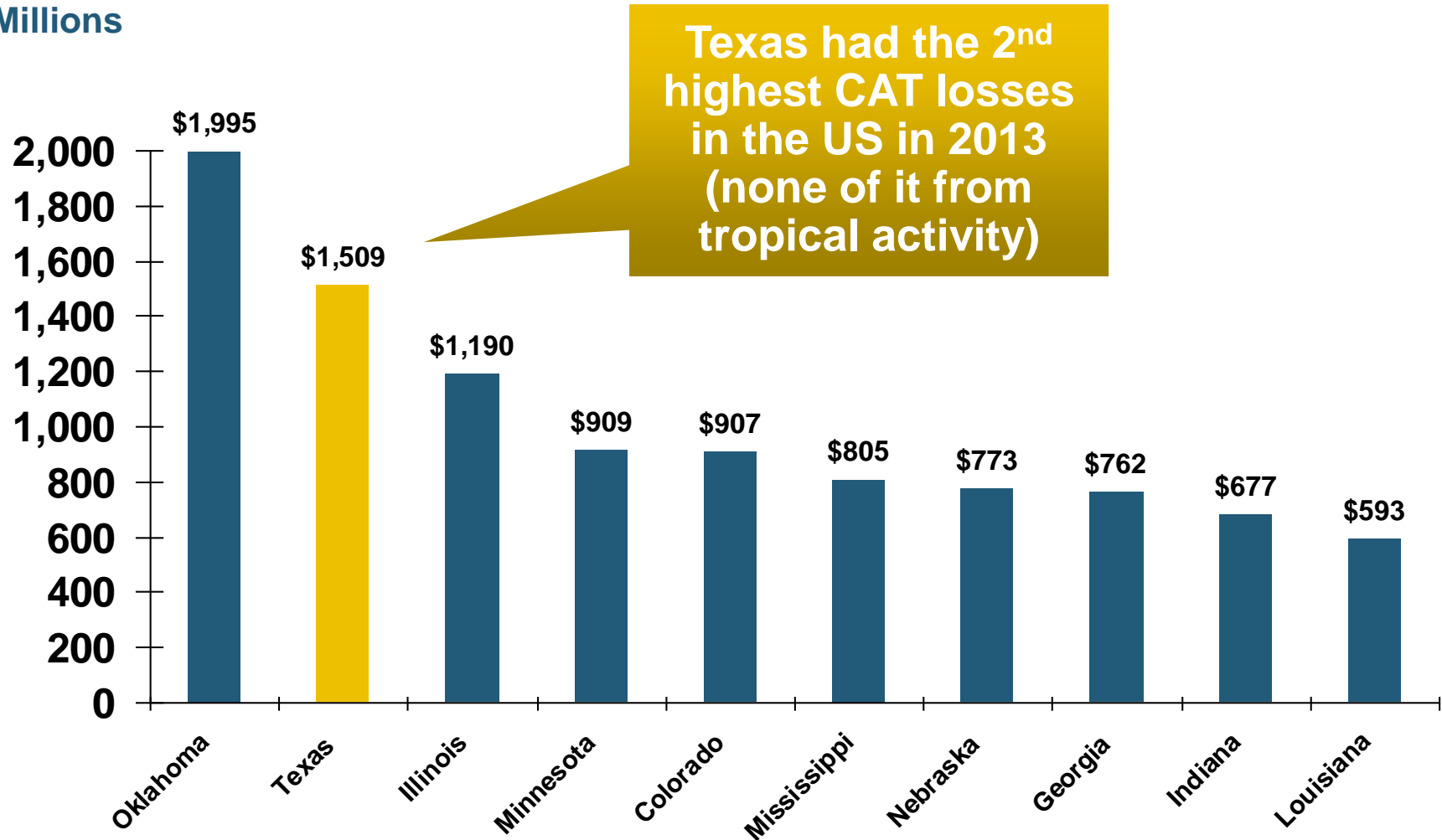
*2010s represent 2010-2013.

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 (1960-2011); A.M. Best (2012E) Insurance Information Institute.

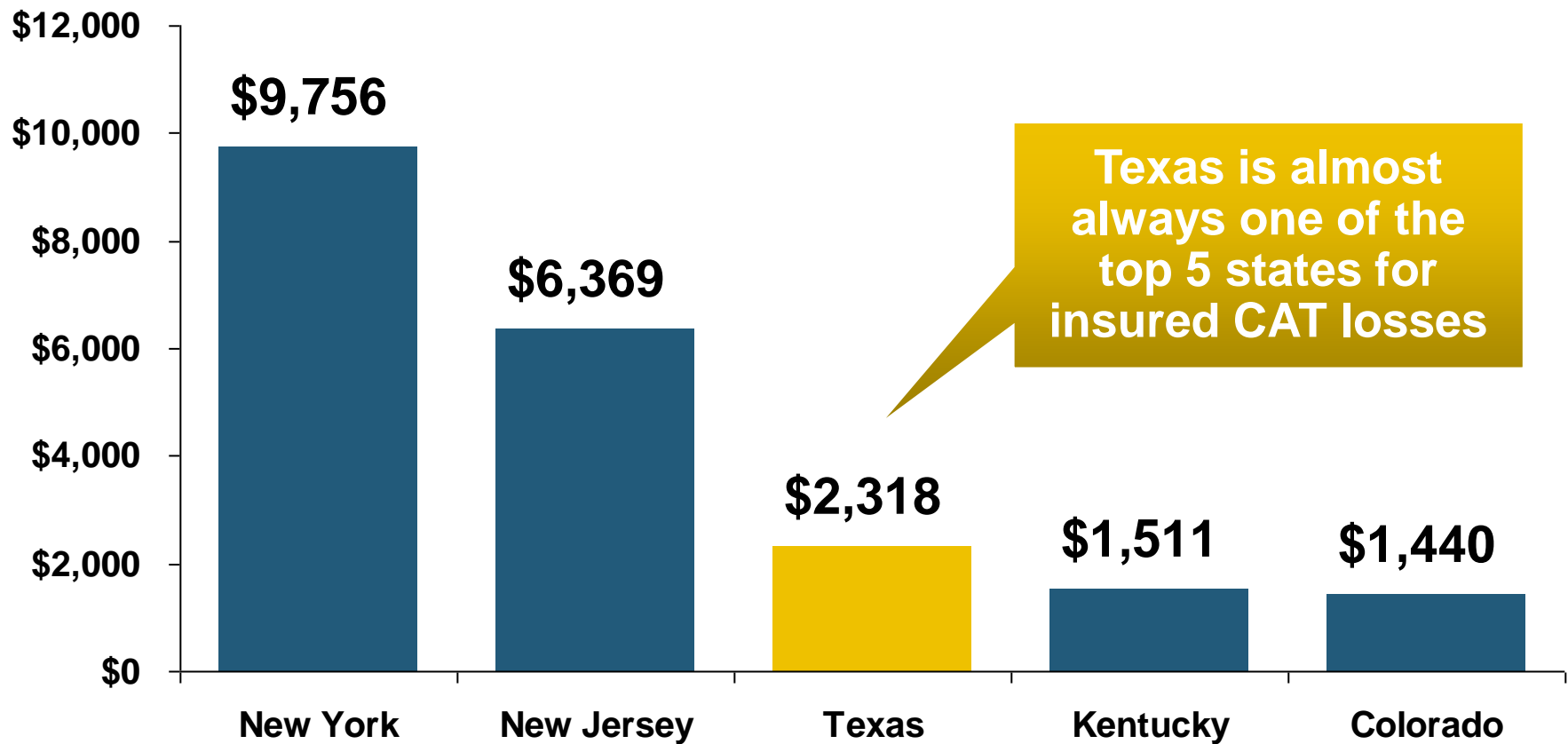
Top 10 States for Insured Catastrophe Losses, 2013

\$ Millions



Top 5 States by Insured Catastrophe Losses in 2012*

(2012, \$ Billions)



*Includes catastrophe losses of at least \$25 million.

Sources: PCS unit of ISO; Insurance Information Institute.

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 Moore, OK, Public School Relief Fund

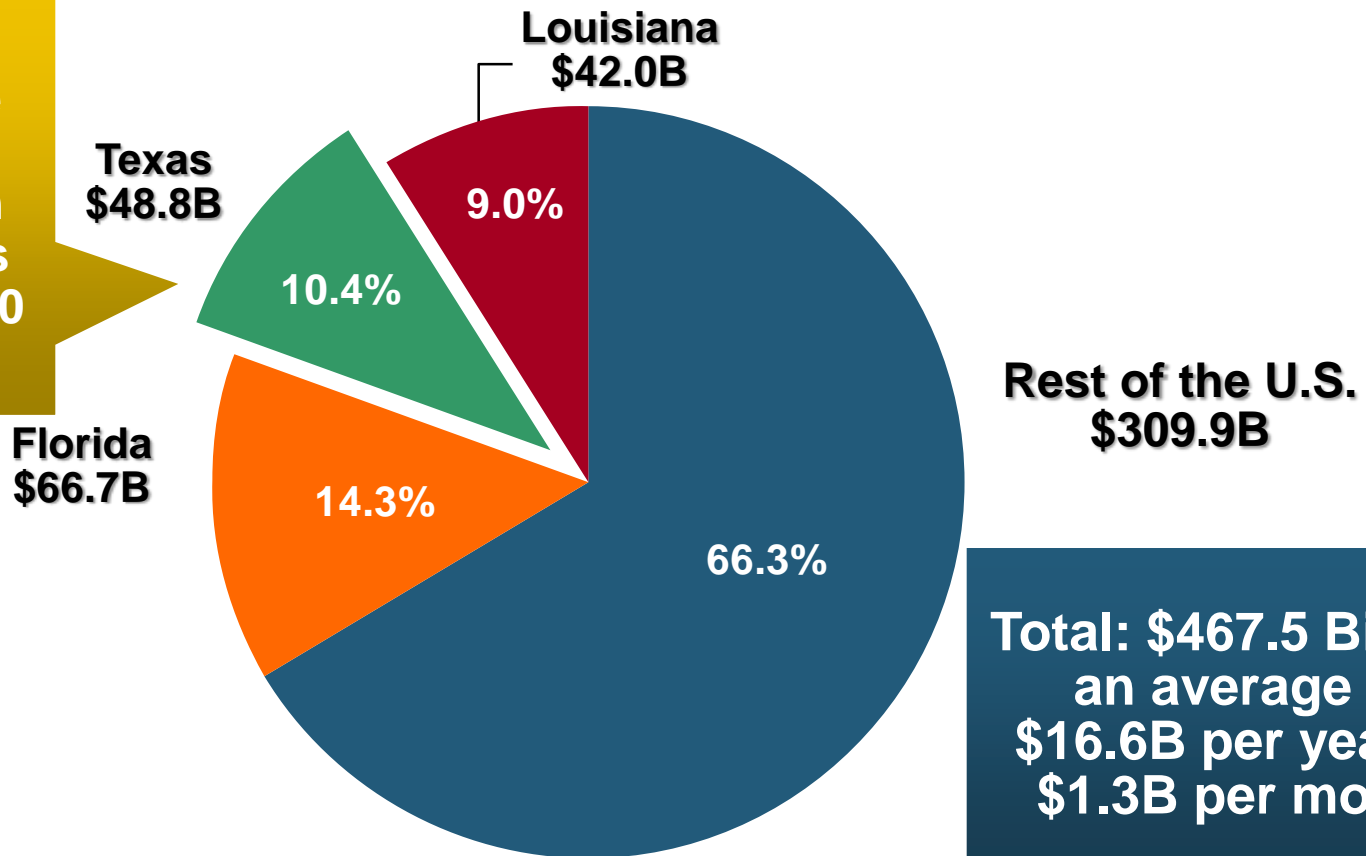


Presentation of a check to Tuscaloosa Mayor Walt Maddox to the Tuscaloosa Storm Recovery Fund

Top States by Inflation-Adjusted Insured Catastrophe Losses, 1983–2012

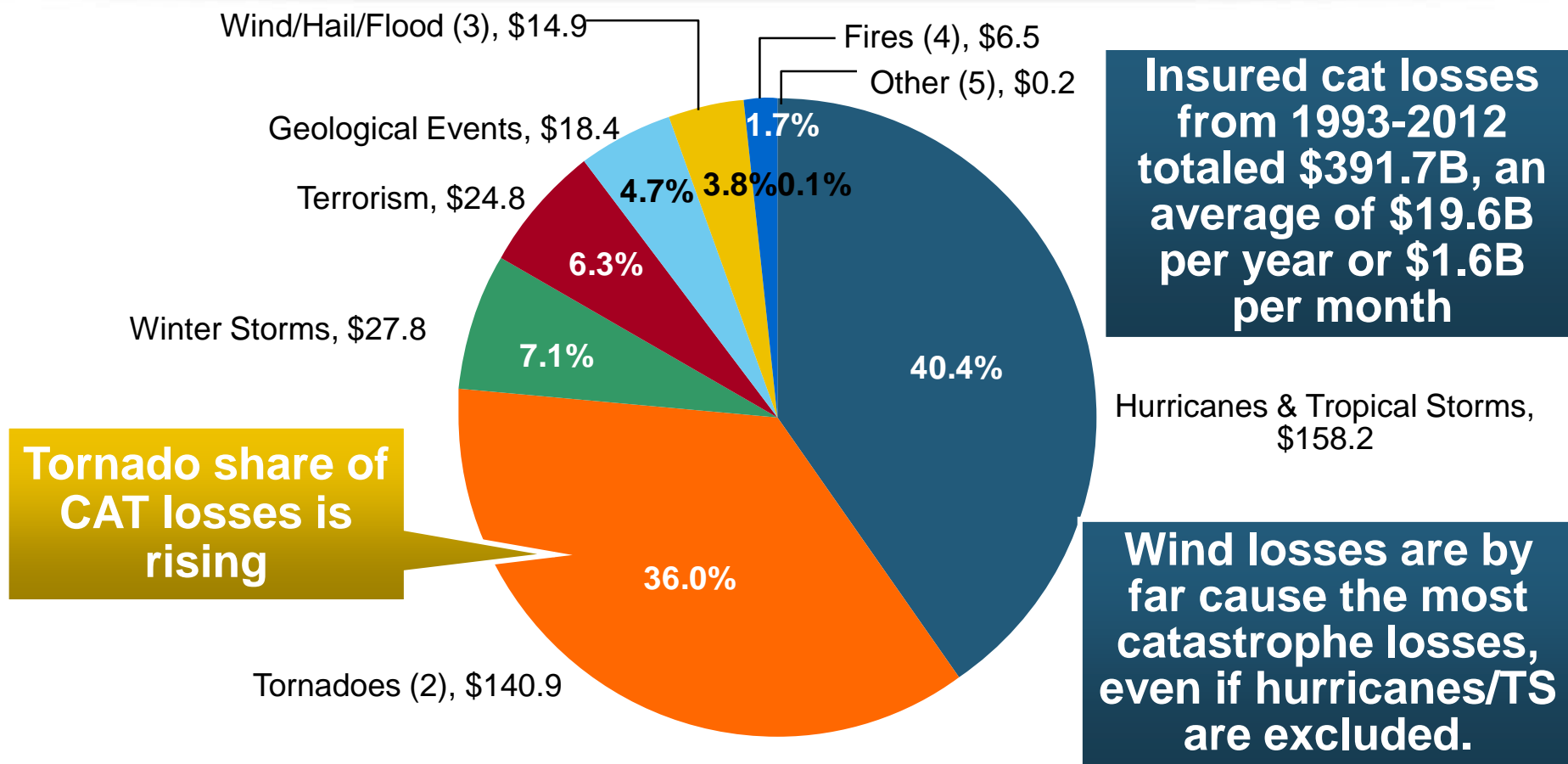
Over the Past 30 Years Florida Has Accounted for the Largest Share of Catastrophe Losses in the U.S., Followed by Texas and Louisiana

TX is the 2nd costliest state for CATs, with nearly \$50B in insured losses over the past 30 years



Total: \$467.5 Billion,
an average of
\$16.6B per year or
\$1.3B per month

Inflation Adjusted U.S. Catastrophe Losses by Cause of Loss, 1993–2012¹



1. Catastrophes are defined as events causing direct insured losses to property of \$25 million or more in 2012 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.

Top 10 Winter Storm and Winter Damage Events in the US and Canada, 1980-2013*



Ranked by Insured Loss, in Millions of \$ 2013*

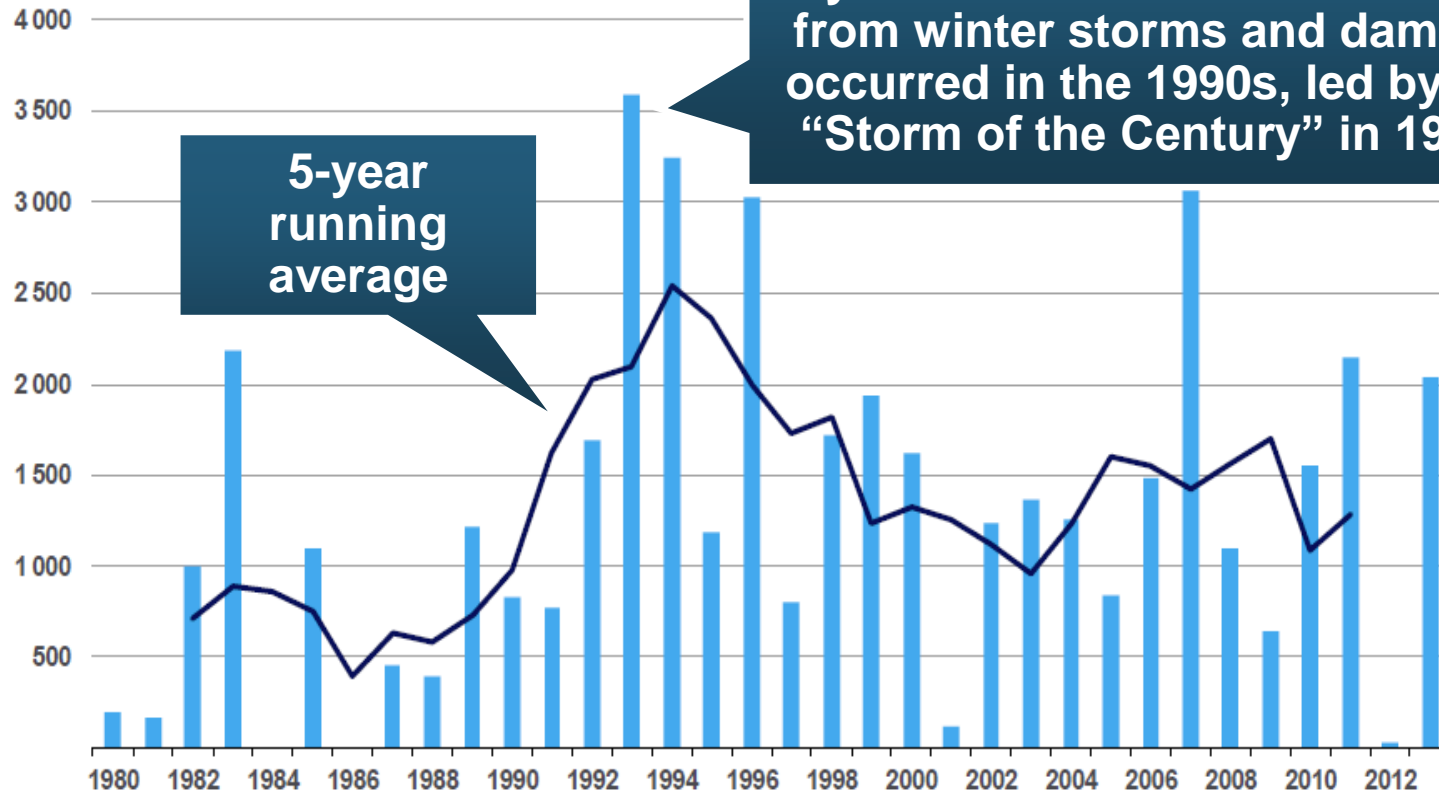
Period	Area	Economic Loss (in inflation-adjusted 2013 \$US mill)	Insured Loss (in inflation-adjusted 2013 \$US mill)	Fatalities
Mar. 11-14, 1993	CAN, USA	8,061	3,224	270
Dec. 17-30, 1983	USA	2,339	2,058	500
Apr. 13-17, 2007	CAN, USA	2,247	1,775	23
Dec. 10-13, 1992	USA	4,981	1,660	19
Jan. 5-12, 1998	CAN, USA	4,145	1,644	45
Feb. 10-12, 1994	USA	4,716	1,258	9
Jan. 17-20, 1994	USA	1,572	1,258	70
Apr. 7-11, 2013	USA	1,600	1,200	N/A
Jan. 1-4, 1999	CAN, USA	1,398	1,084	25
Jan. 31-Feb. 2, 2011	USA	1,346	1,010	36

*Top 10 events in original insured loss dollars were adjusted to and ranked by the Insurance Information Institute to 2013 inflation-adjusted values.

Sources: Munich Re NatCatSERVICE; Insurance Information Institute.

Winter Storm and Winter Damage Events in the US and Canada, 1980-2013 (2013 US\$)

Insured Losses (Millions, \$ 2013)

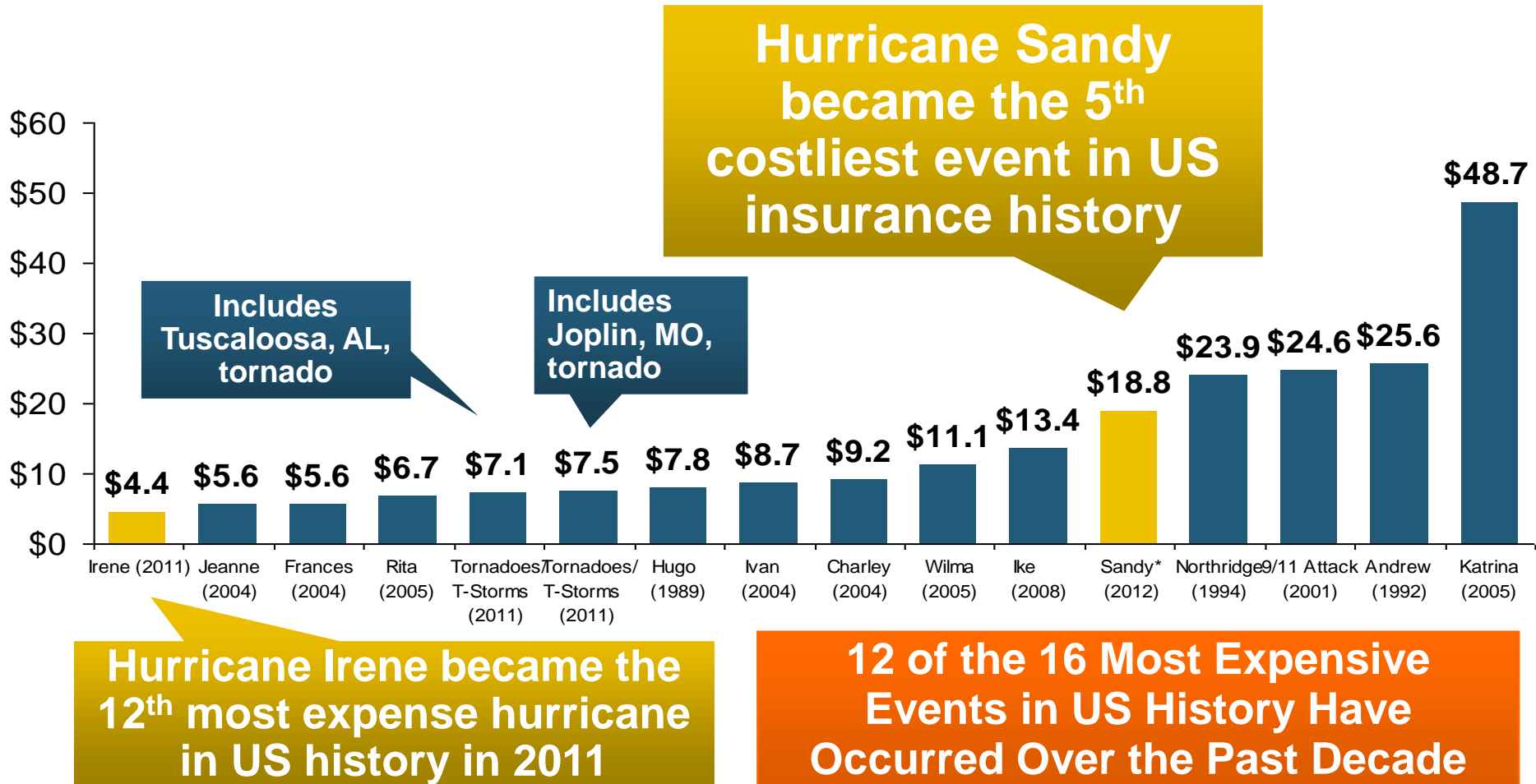


Insured losses from severe winter events totaled \$2 billion in 2013.

Insured winter storm and damage losses in Jan. 2014 already totaled \$1.5 billion. Continued severe weather since then makes it likely that 2014 will become one of the top 5 costliest winters since 1980.

Top 16 Most Costly Disasters in U.S. History

(Insured Losses, 2012 Dollars, \$ Billions)



*PCS estimate as of 4/12/13.

Sources: PCS; Insurance Information Institute inflation adjustments to 2012 dollars using the CPI.

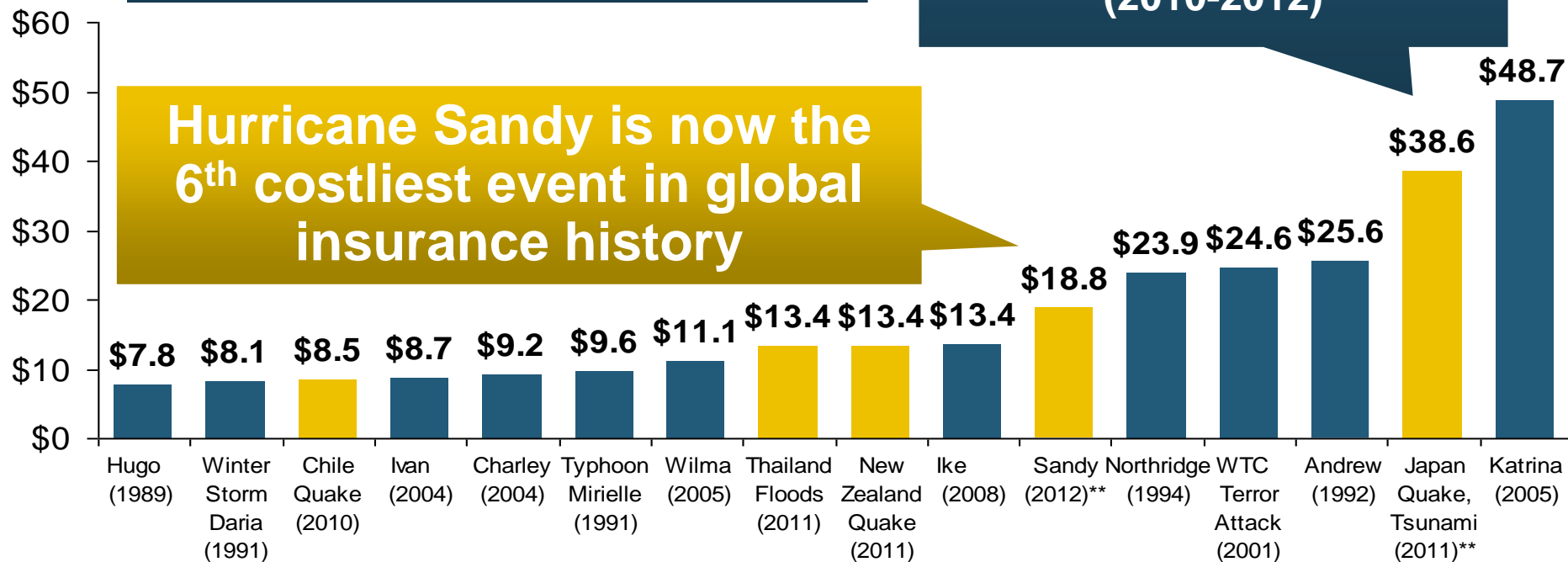
Top 16 Most Costly World Insurance Losses, 1970-2013*

(Insured Losses, 2012 Dollars, \$ Billions)

2012 insured CAT Losses totaled \$60B; Economic losses totaled \$140B, according to Swiss Re

5 of the top 14 most expensive catastrophes in world history have occurred within the past 3 years (2010-2012)

Hurricane Sandy is now the 6th costliest event in global insurance history



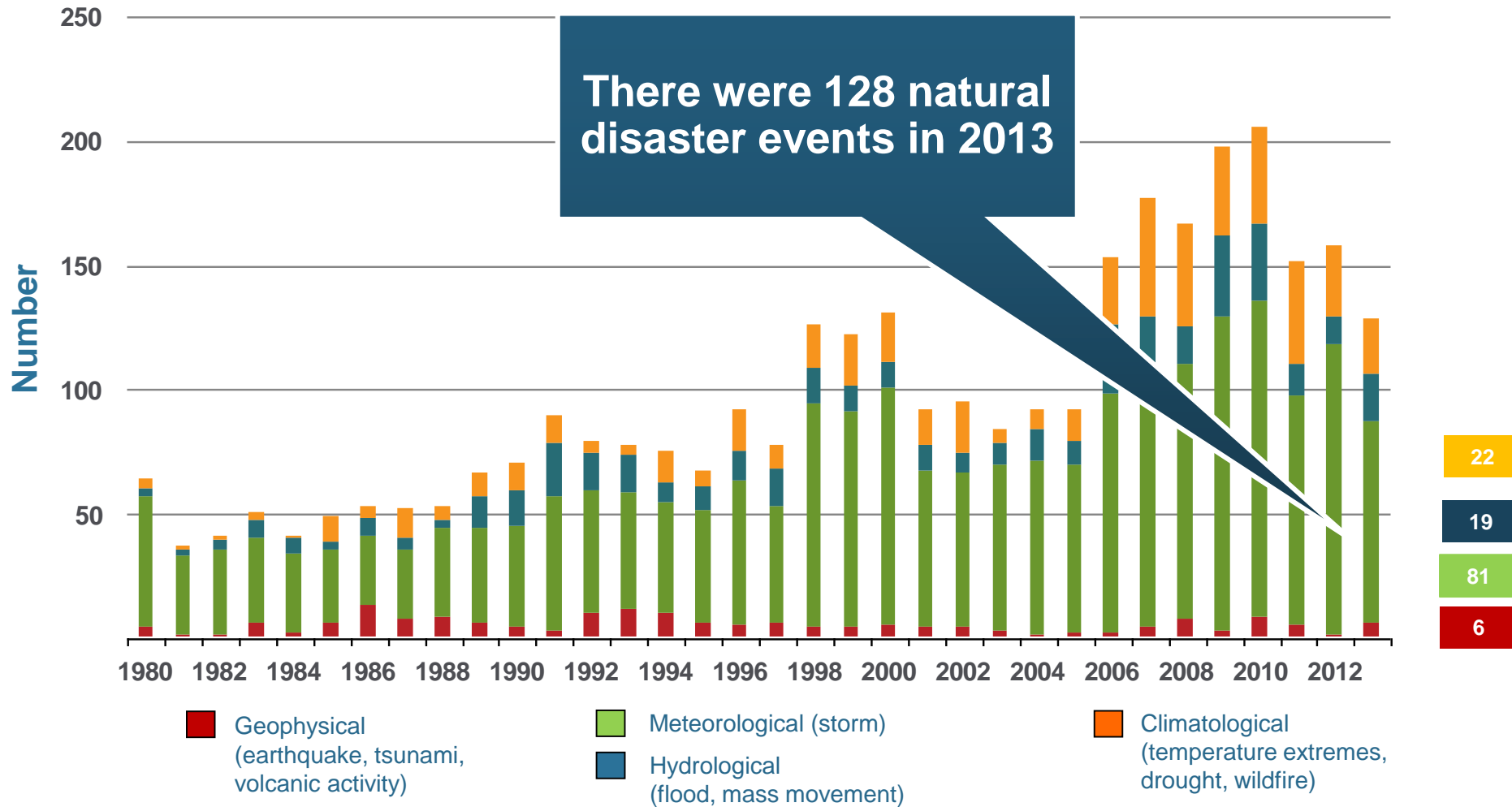
*Figures do not include federally insured flood losses.

**Estimate based on PCS value of \$18.75B as of 4/12/13.

Sources: Munich Re; Swiss Re; Insurance Information Institute research.

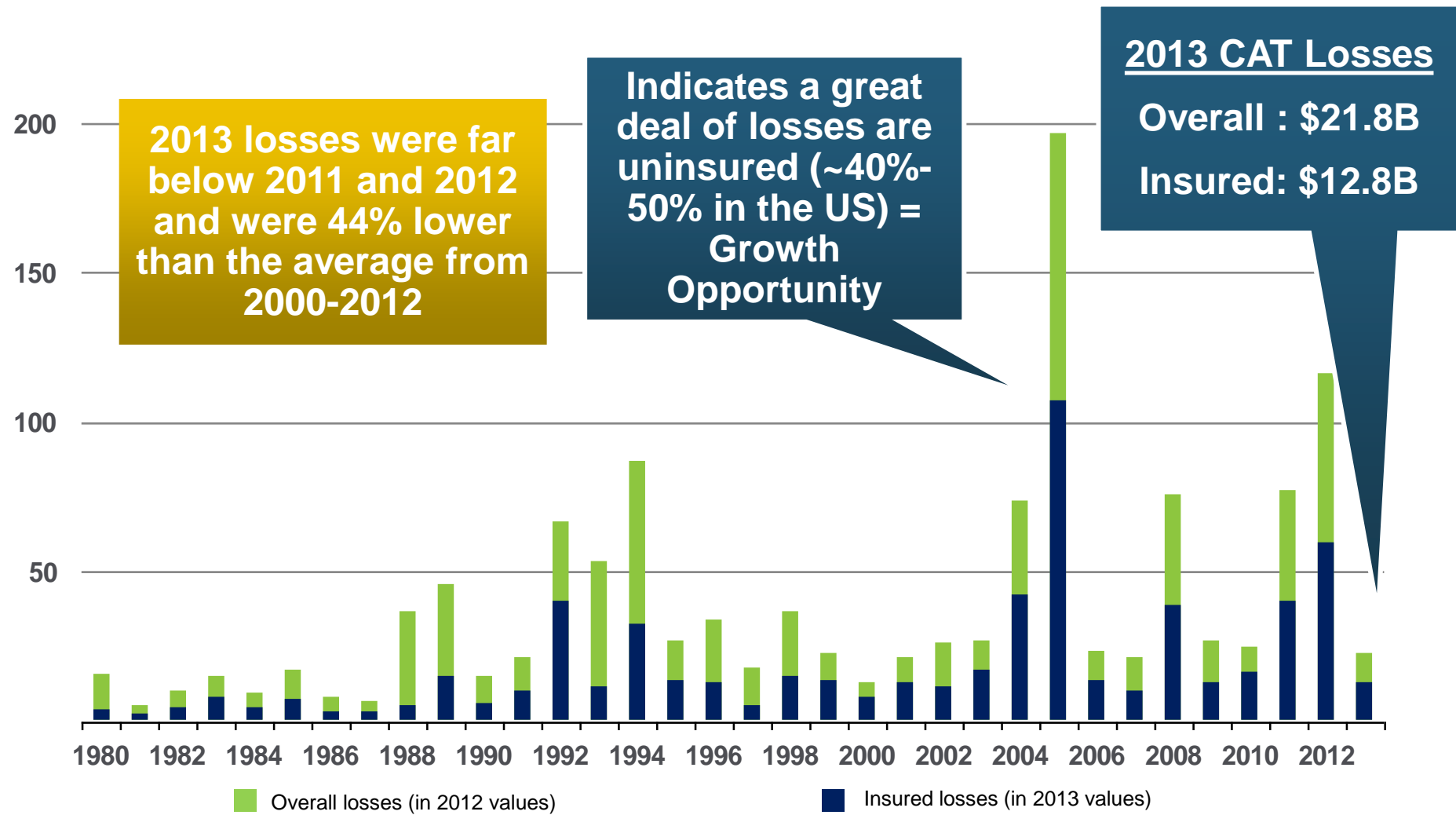
Natural Disasters in the United States, 1980 – 2013

Number of Events (Annual Totals 1980 – 2013)

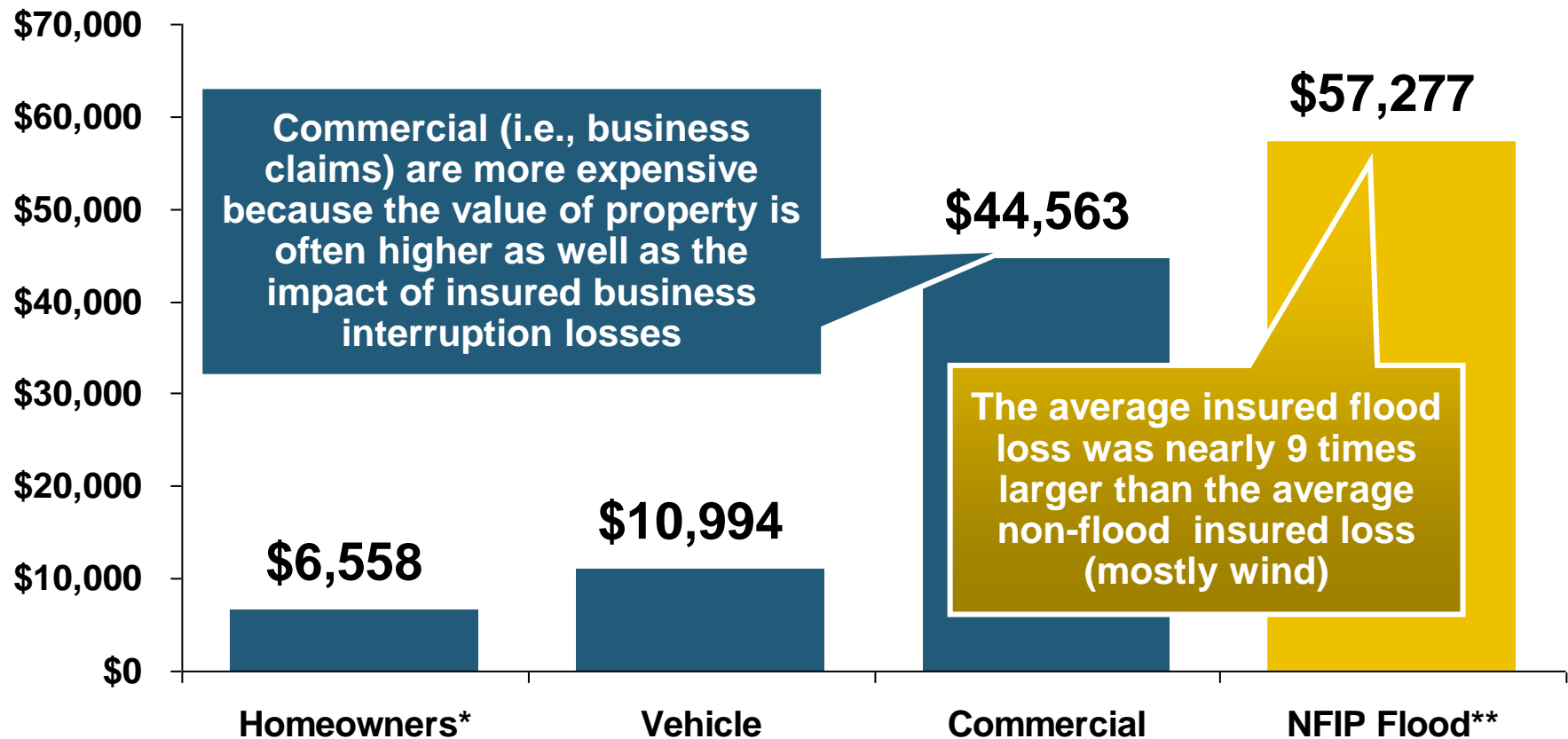


Losses Due to Natural Disasters in the US, 1980–2013

(2013 Dollars, \$ Billions) (Overall and Insured Losses)



Hurricane Sandy: Average Claim Payment by Type of Claim



Post-Sandy, the I.I.I. worked very hard to make help media, consumers and regulators understand the distinction between a flood claim and a standard homeowners claim. *NFIP is \$24B in debt.*

*Includes rental and condo policies (excludes NFIP flood). **As of Oct. 31, 2013.

Sources: Catastrophe loss data is for Catastrophe Serial No. 90 (Oct. 28 – 31, 2012) from PCS as of March 2013; Insurance Information Institute.

Natural Disaster Losses in the United States, by Type, 2013

As of December 31, 2013	Number of Events	Fatalities	Estimated Overall Losses (US \$m)	Estimated Insured Losses (US \$m)
Severe Thunderstorm	69	110	16,341	10,274
Winter Storm	11	43	2,935	1,895
Flood	19	23	1,929	240
Earthquake & Geophysical	6	1	Minor	Minor
Tropical Cyclone	1	1	Minor	Minor
Wildfire, Heat, & Drought	22	29	620	385
Totals	128	207	21,825	12,794

Significant Natural Catastrophes, 2013

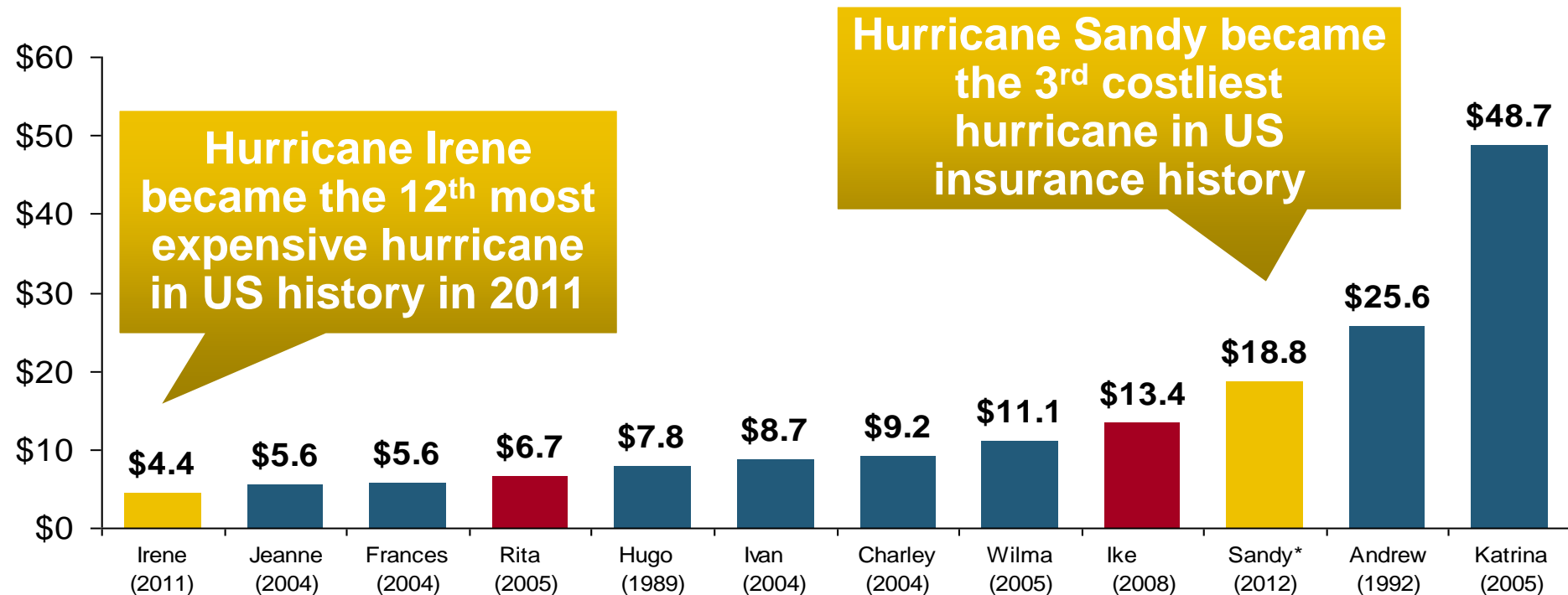
(Events with \$1 billion economic loss and/or 50 fatalities)

Date	Event	Estimated Economic Losses (US \$m)	Estimated Insured Losses (US \$m)
February 24 – 25	Winter Storm	1,300	690
March 18 – 19	Thunderstorms	2,200	1,600
April 7 – 11	Winter Storm	1,600	1,200
April 16 – 18	Thunderstorms	1,100	560
May 18 – 20	Thunderstorms	3,100	1,800
May 28 – 31	Thunderstorms	2,800	1,400
August 6 – 7	Thunderstorms	1,300	740
September 9 – 16	Flooding	1,500	160
November 17 - 18	Thunderstorms	1,300	931

Top 12 Most Costly Hurricanes in U.S. History

(Insured Losses, 2012 Dollars, \$ Billions)

10 of the 12 most costly hurricanes in insurance history occurred over the past 9 years (2004—2012)

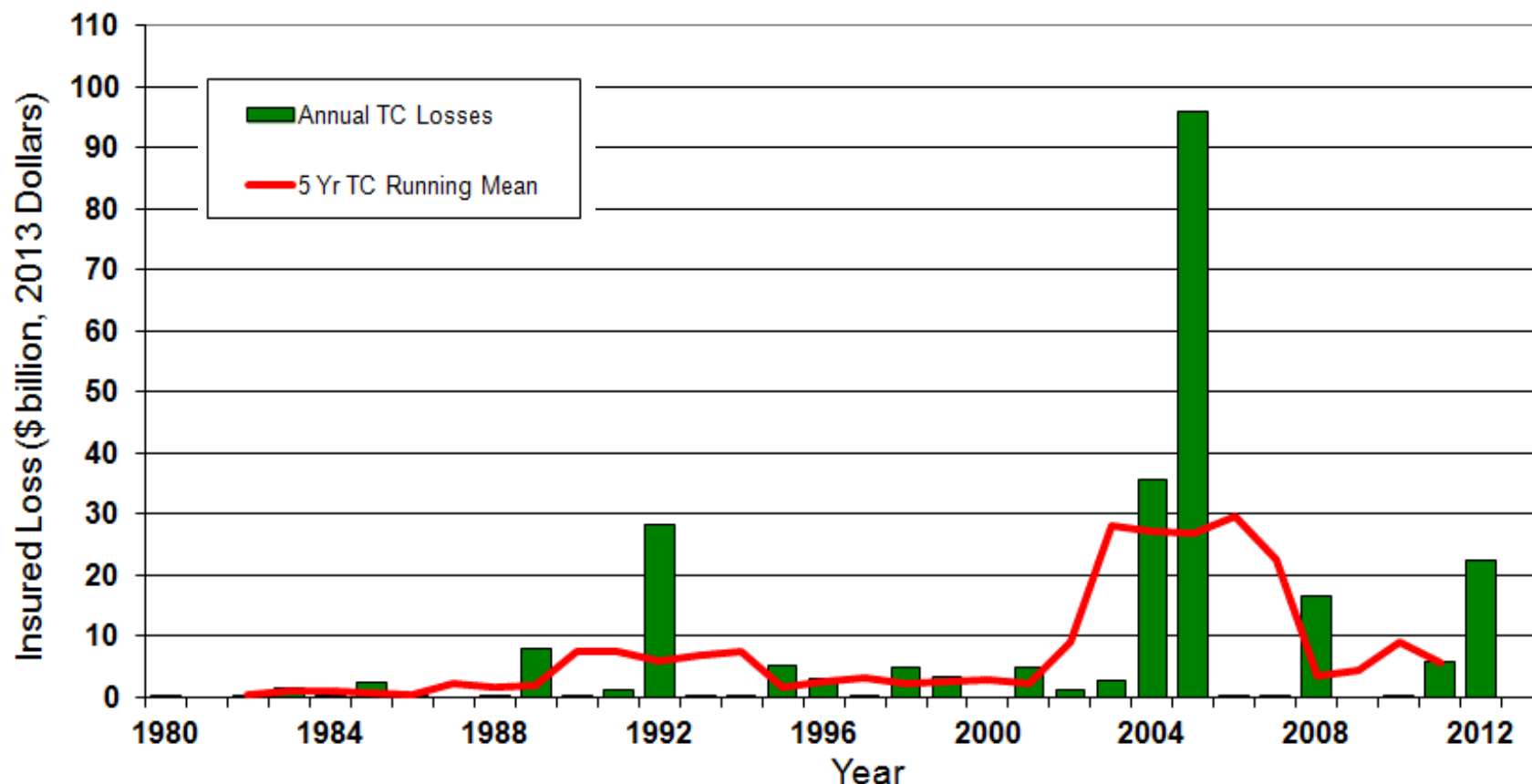


*PCS estimate as of 4/12/13.

Sources: PCS; Insurance Information Institute inflation adjustments to 2012 dollars using the CPI.

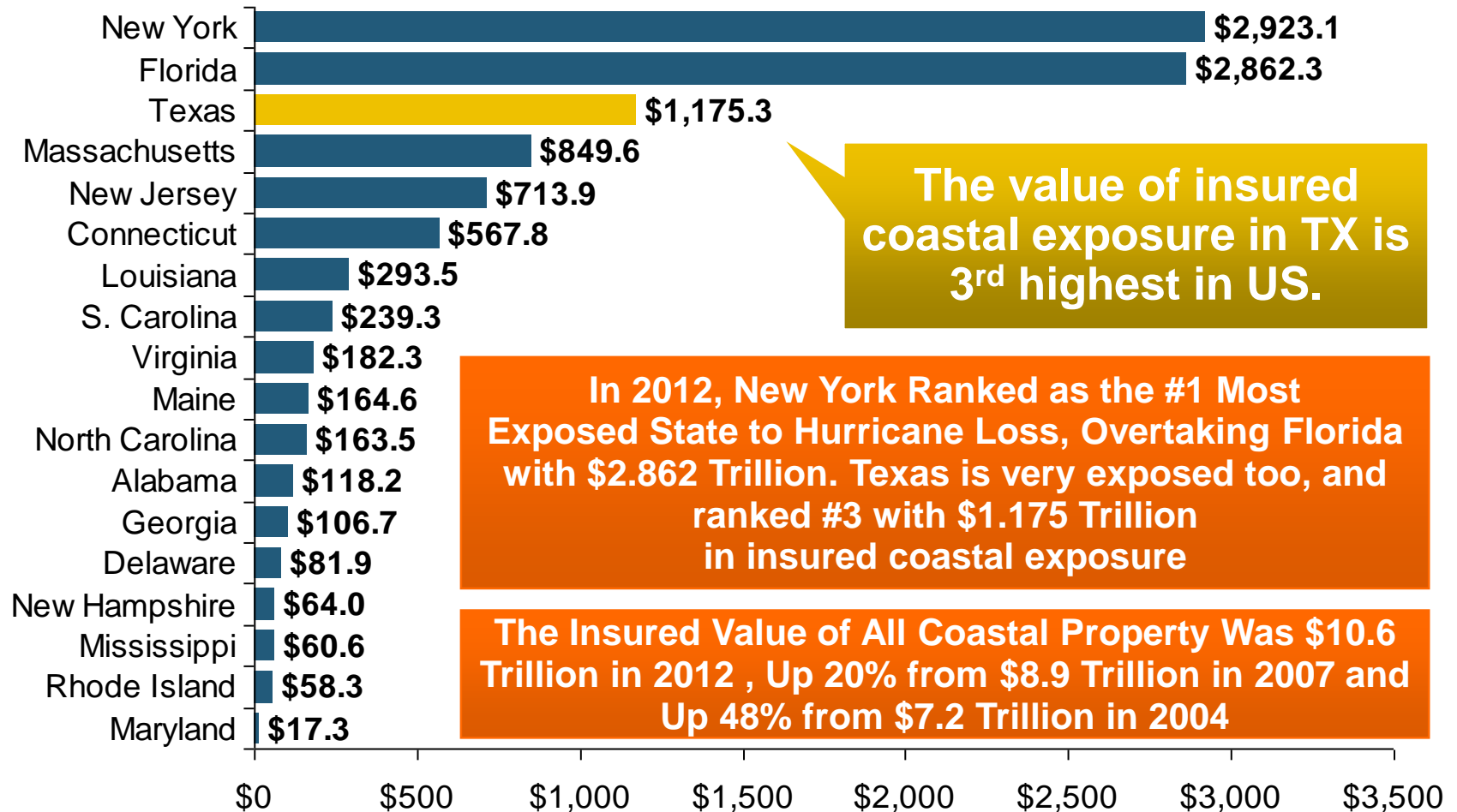
Insured US Tropical Cyclone Losses, 1980 - 2013

The current 5-year average (2008 - 2013) insured tropical cyclone loss is \$5.6 billion per year.



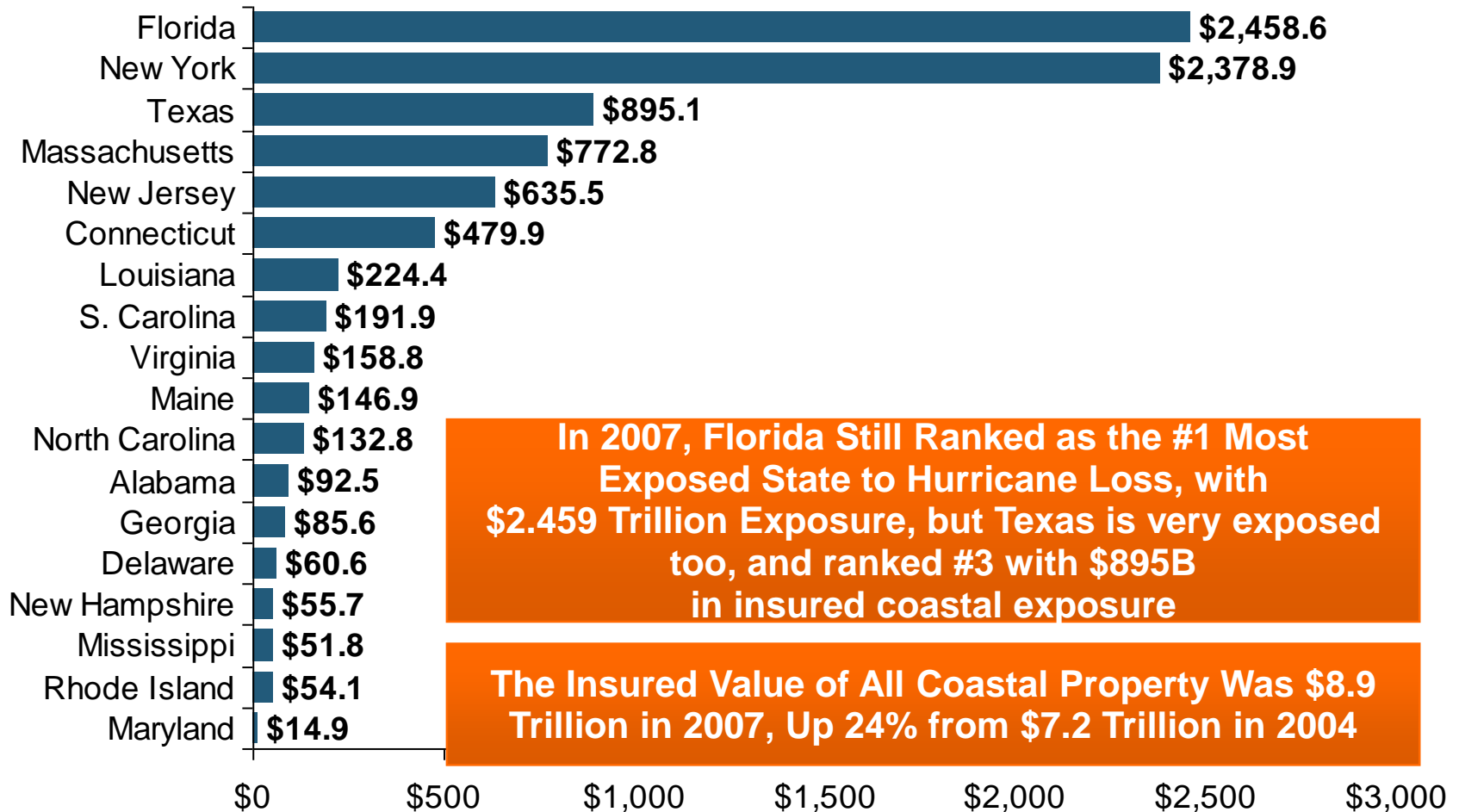
Total Value of Insured Coastal Exposure in 2012

(2012, \$ Billions)



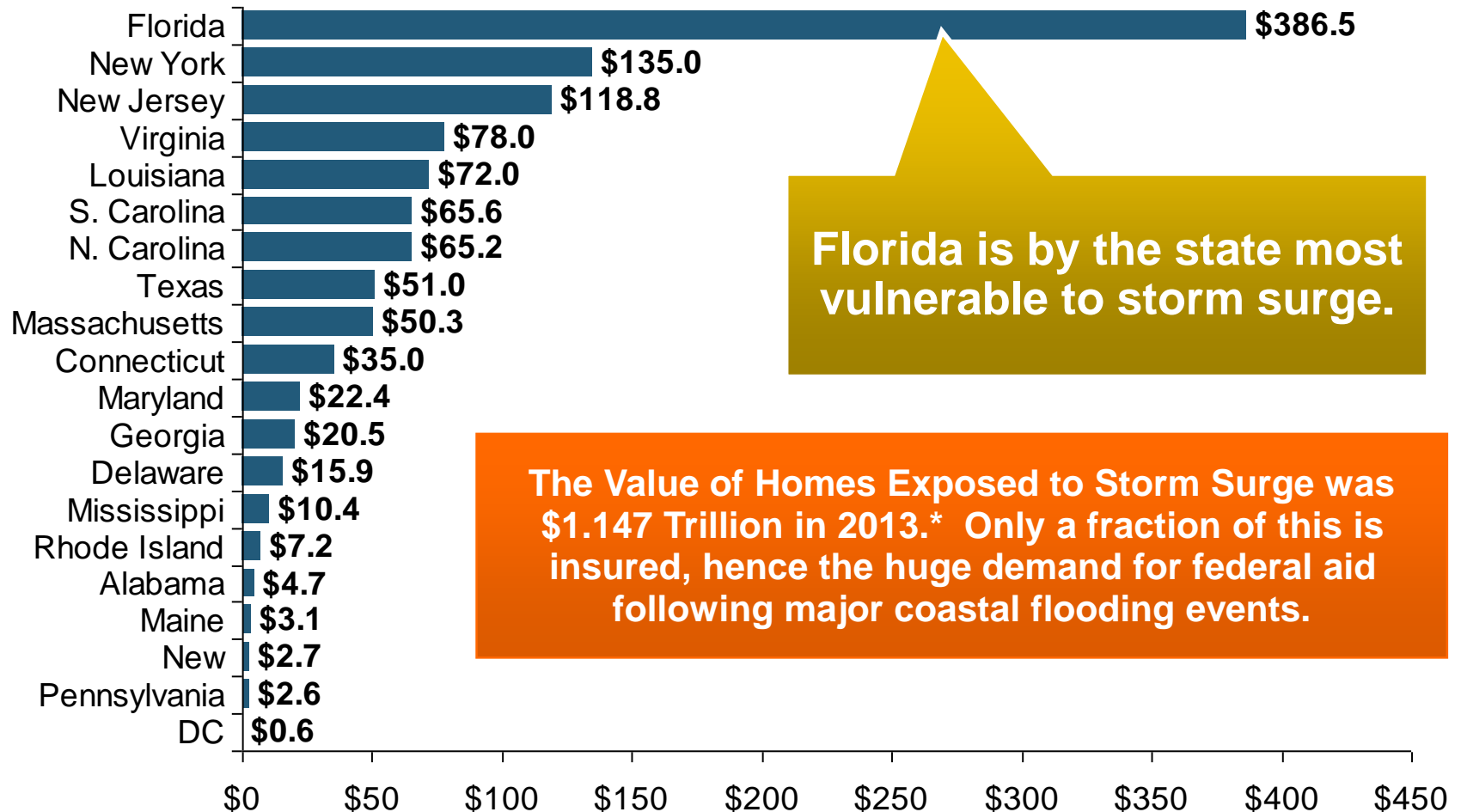
Total Value of Insured Coastal Exposure in 2007

(2007, \$ Billions)



Total Potential Home Value Exposure to Storm Surge Risk in 2013*

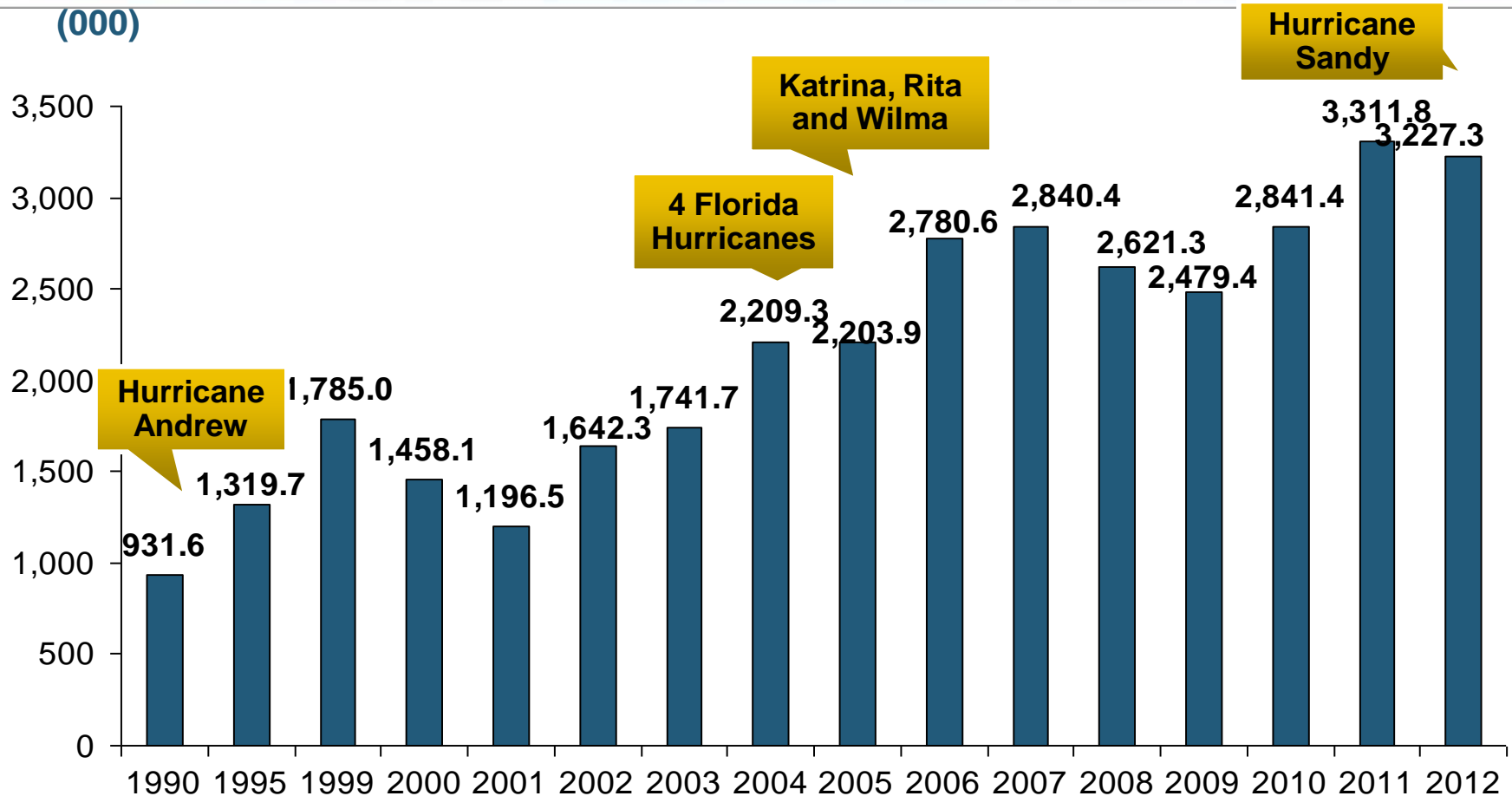
(\$ Billions)



*Insured and uninsured property. Based on estimated property values as of April 2013.

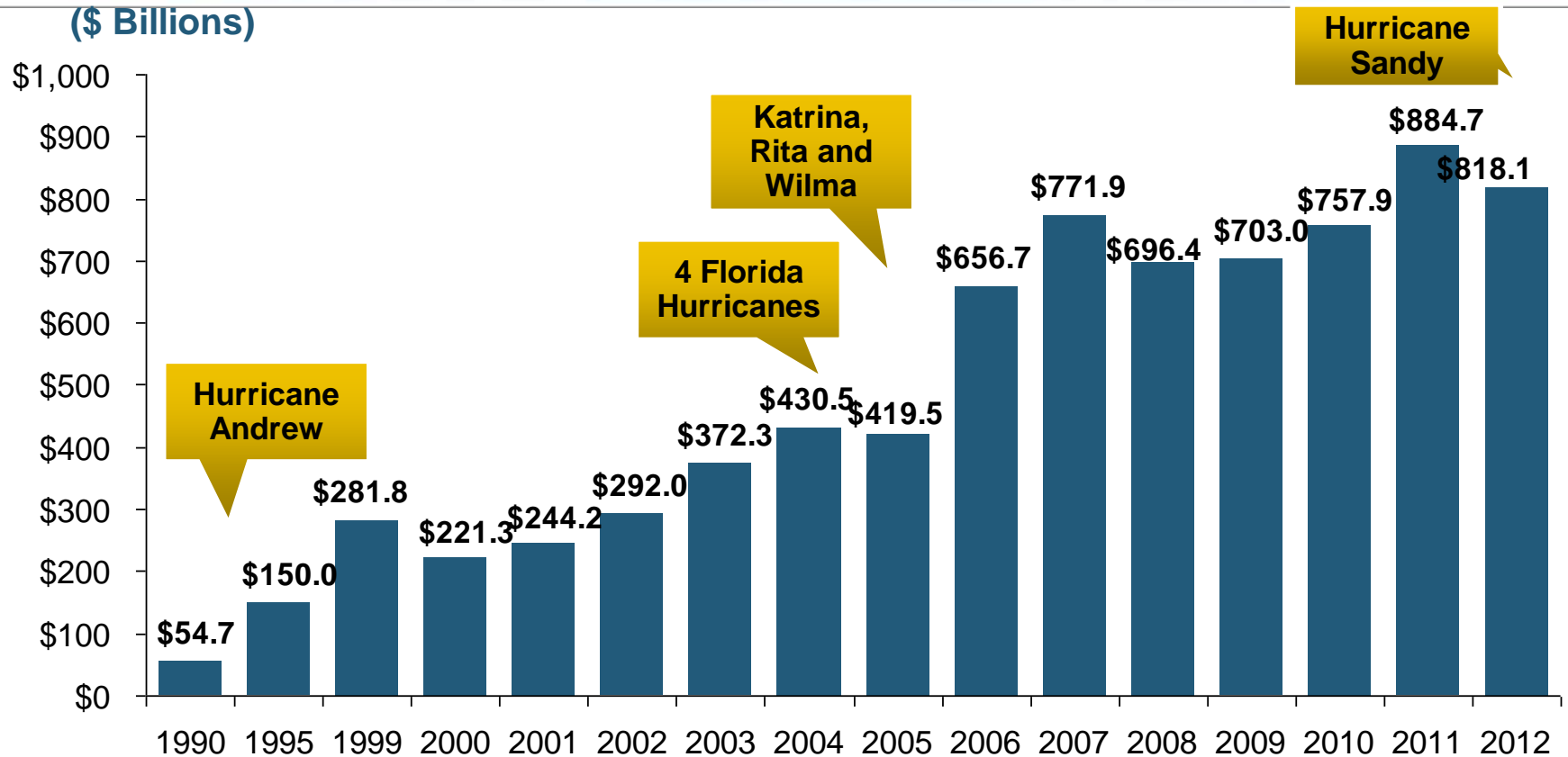
Source: *Storm Surge Report 2013*, CoreLogic.

U.S. Residual Market: Total Policies In-Force (1990-2012) (000)



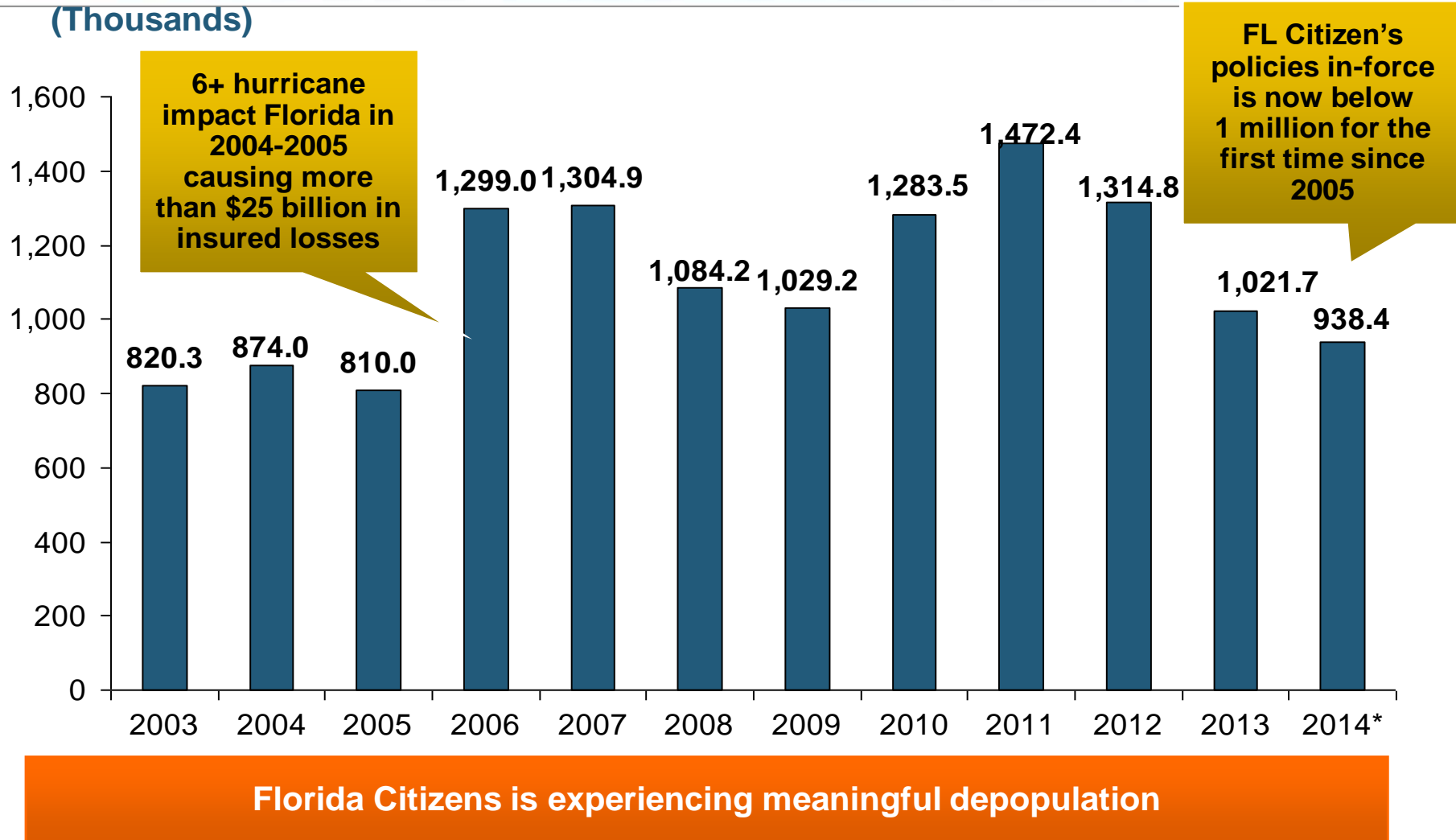
In the 23-year period between 1990 and 2012, the total number of policies in-force in the residual market (FAIR & Beach/Windstorm) Plans has more than tripled.

U.S. Residual Market Exposure to Loss (1990-2012) (\$ Billions)



In the 23-year period between 1990 and 2012, total exposure to loss in the residual market (FAIR & Beach/Windstorm) Plans has surged from \$54.7 billion in 1990 to \$818.1 billion in 2012.

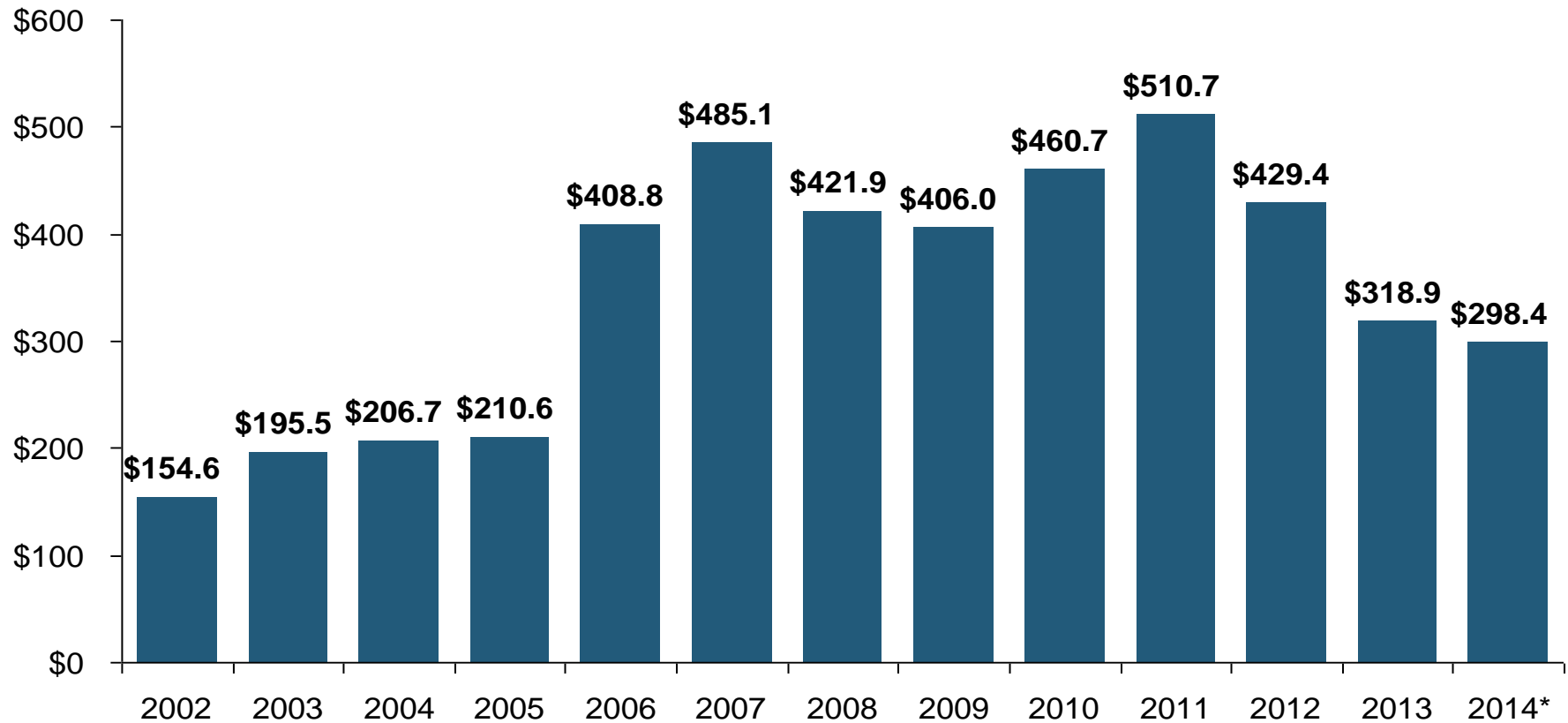
Florida Citizens Total Policies In-Force, 2002 – 2014*



*Year-end figures 2003-2013 and as of 3/31/14 for 2014 accessed at <https://www.citizensfla.com/about/bookofbusiness/>.

Source: PIPSO; Florida Citizens, Insurance Information Institute

Florida Citizens Exposure to Loss, 2002 – 2014* (\$ Billions)



Total exposure to loss in Florida Citizens since its 2002 inception increased by 230 percent, from \$154.6 billion to \$510.7 billion in 2011 but has now dropped by \$212.3 billion or 41.6% through 3/31/14

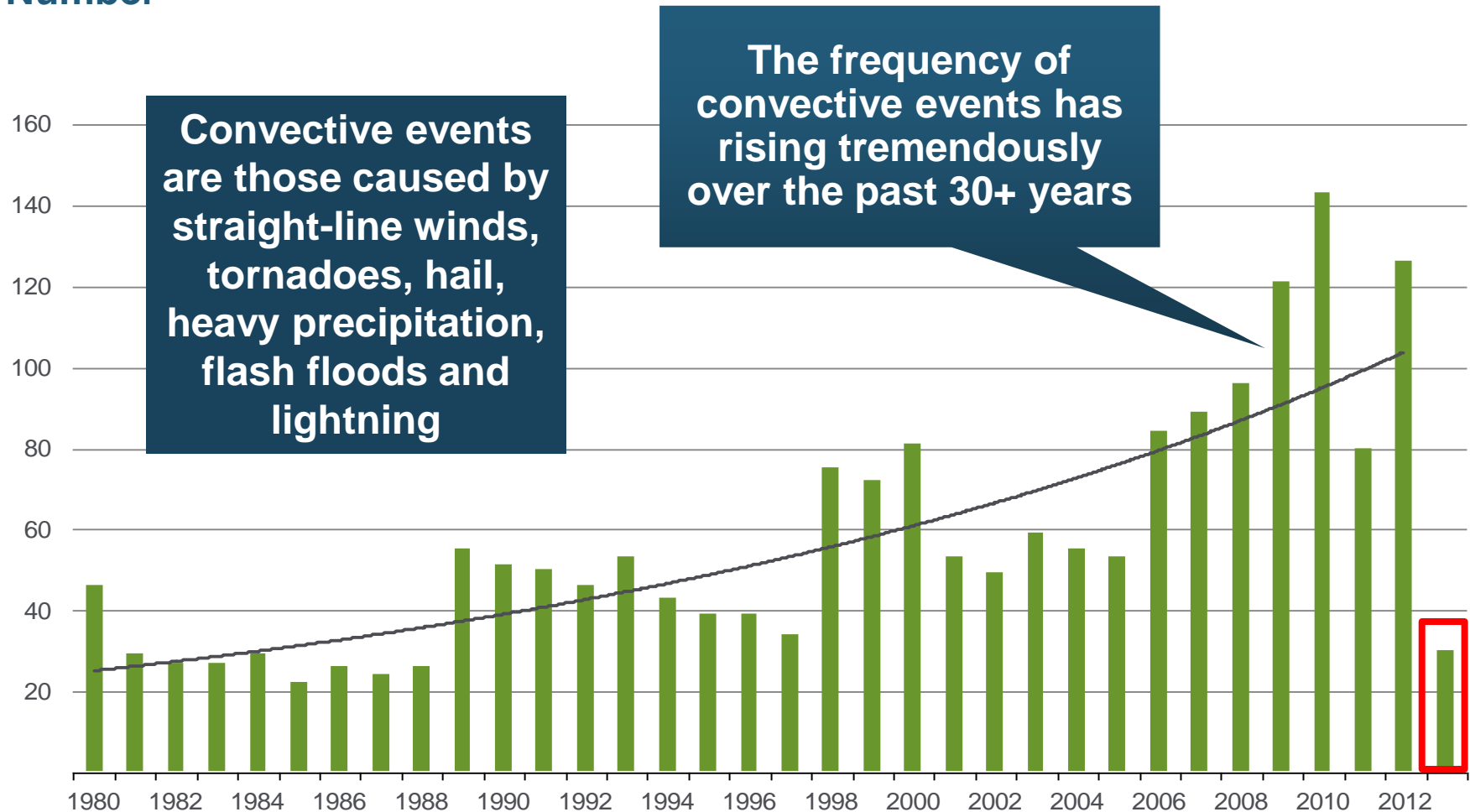
*As of March 31, 2014 from Florida Citizens accessed at: <https://www.citizensfla.com/about/bookofbusiness/>

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

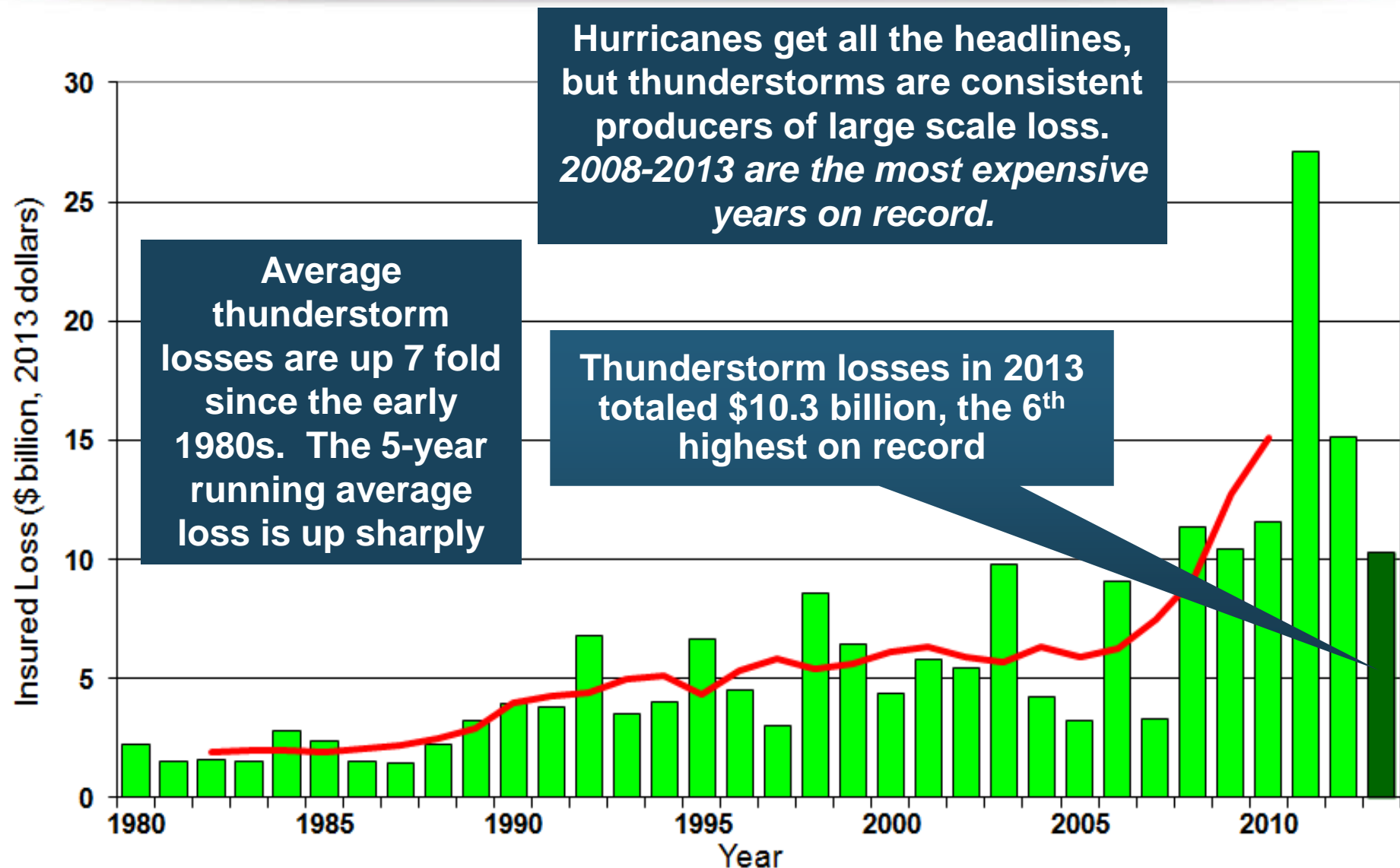
Convective Loss Events in the U.S.

Number of events 1980 – 2012 and First Half 2013

Number



U.S. Thunderstorm Insured Loss Trends, 1980 – 2013



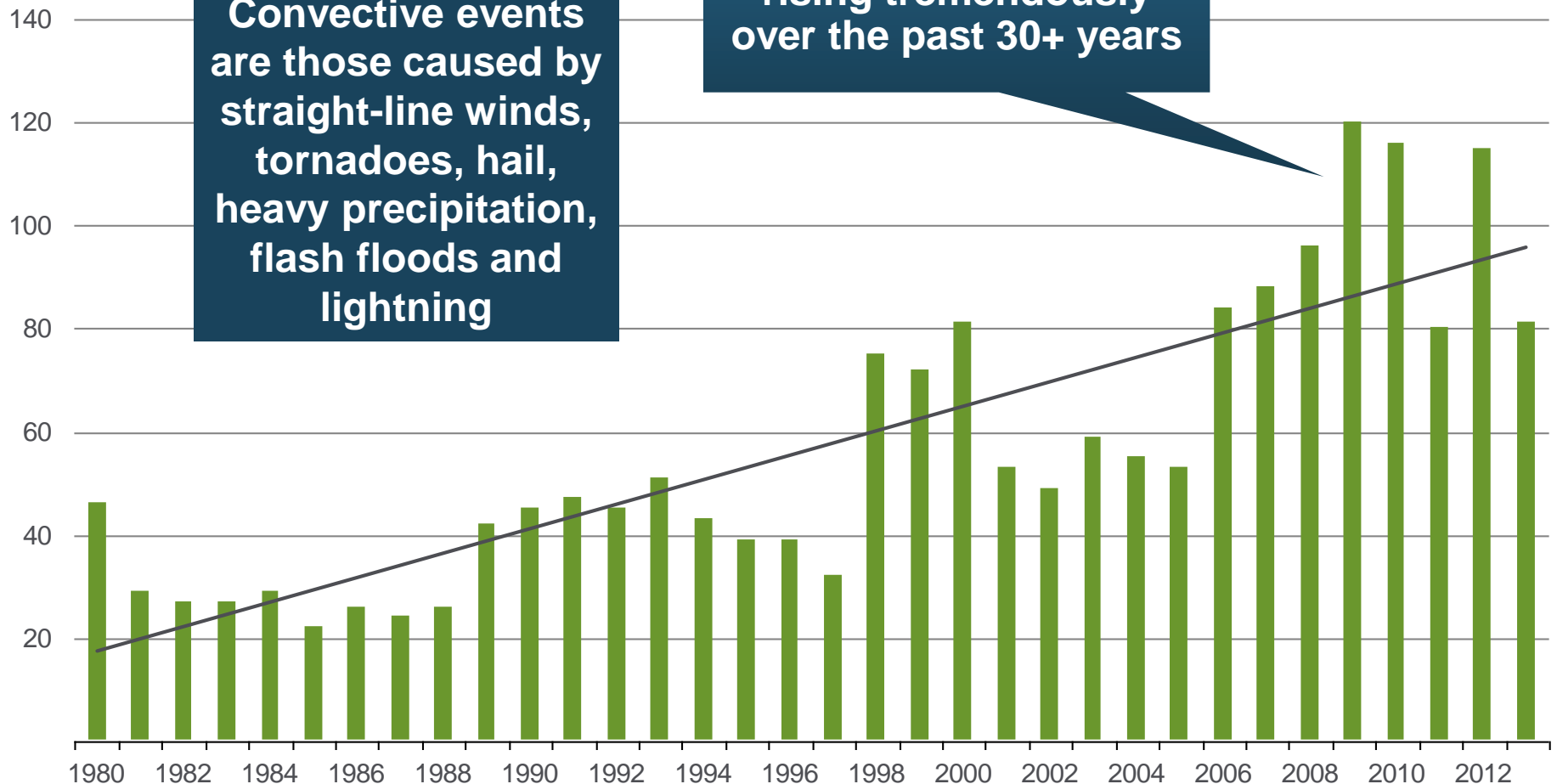
Convective Loss Events in the U.S.

Number of events 1980 – 2013

Number

Convective events are those caused by straight-line winds, tornadoes, hail, heavy precipitation, flash floods and lightning

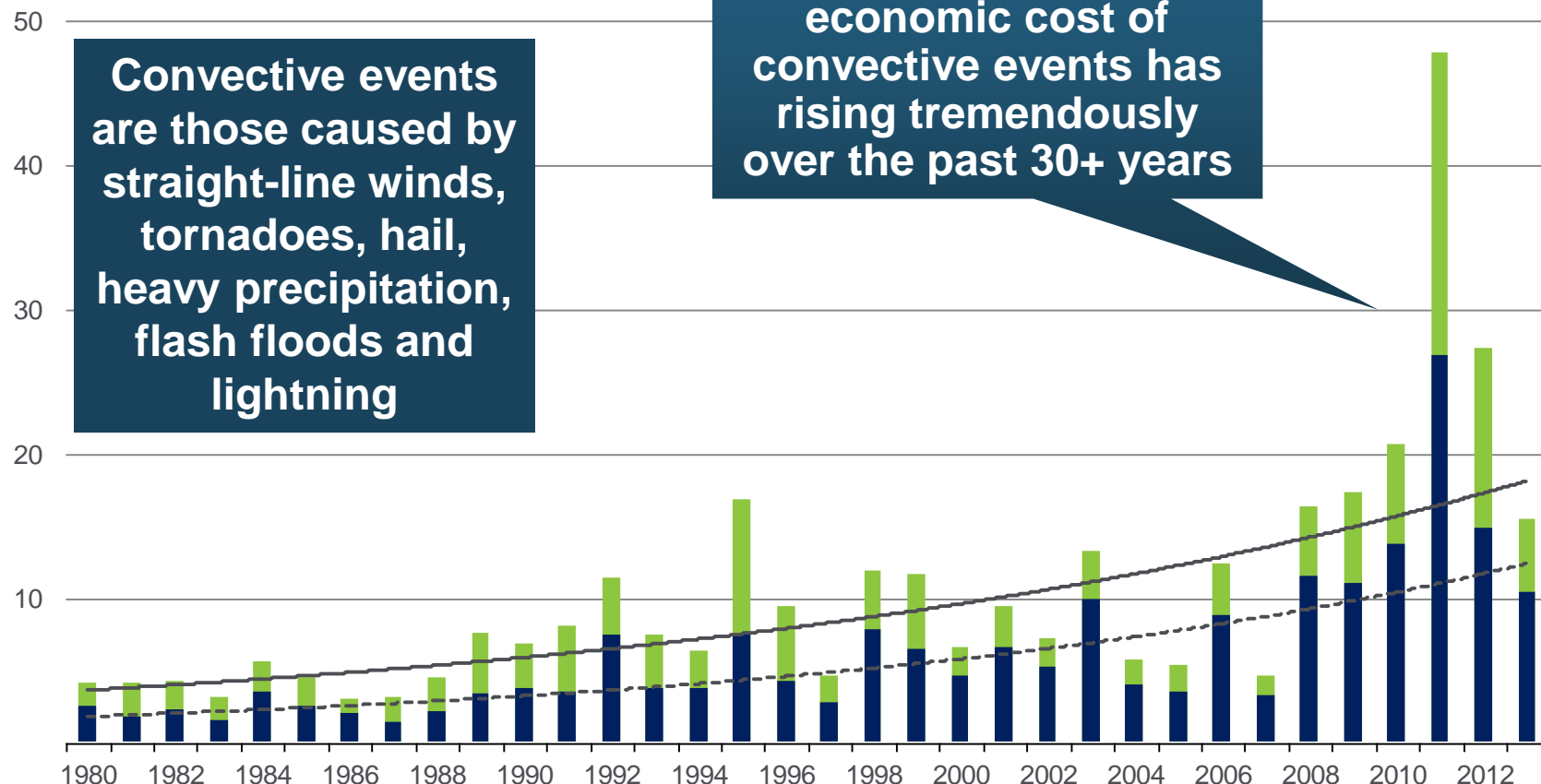
The frequency of convective events has rising tremendously over the past 30+ years



Convective Loss Events in the U.S.

Overall and insured losses 1980 – 2012 and First Half 2013

(Bill. US\$)

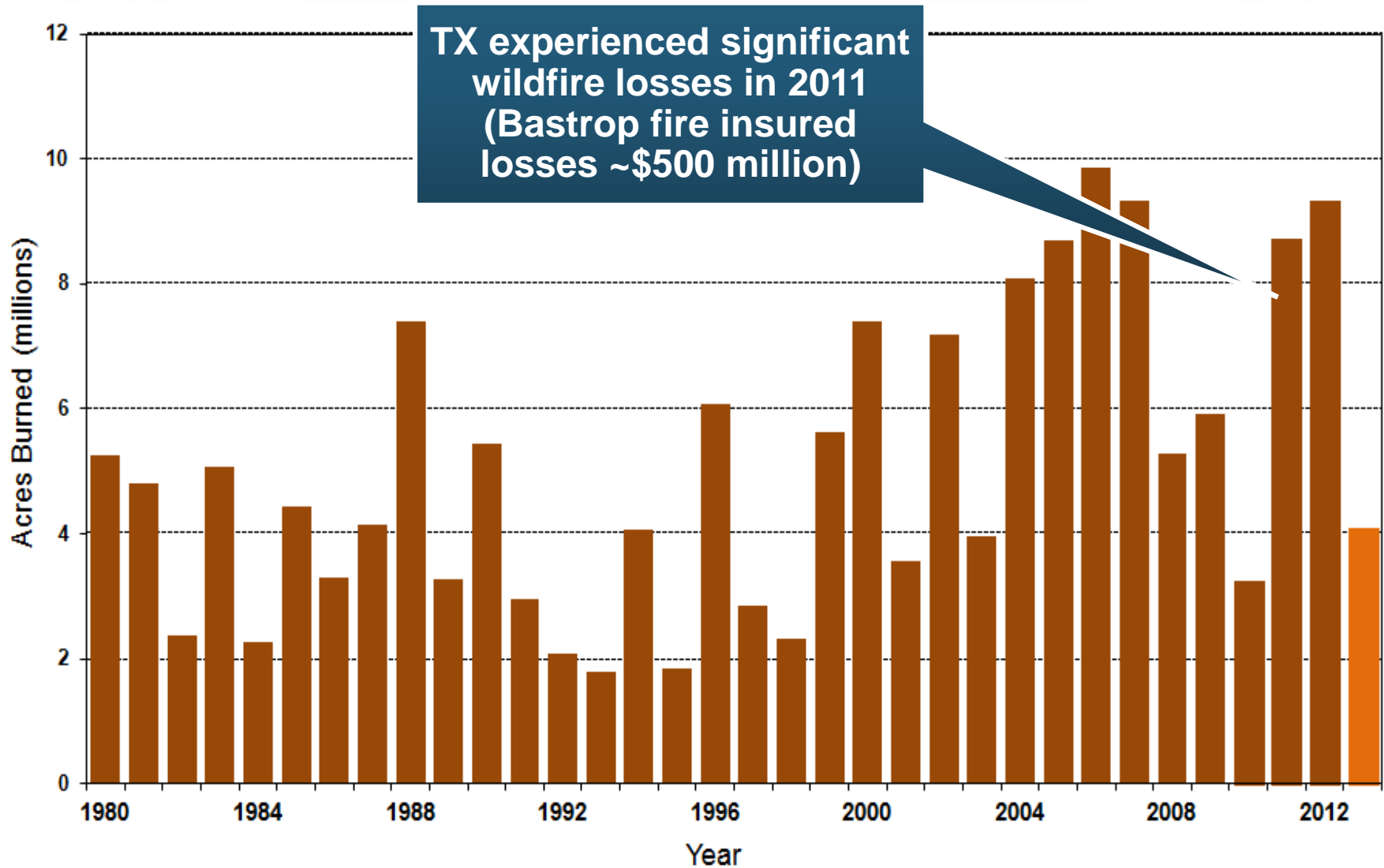


Analysis contains: straight-line winds, tornadoes, hail, heavy precipitation, flash floods, lightning.

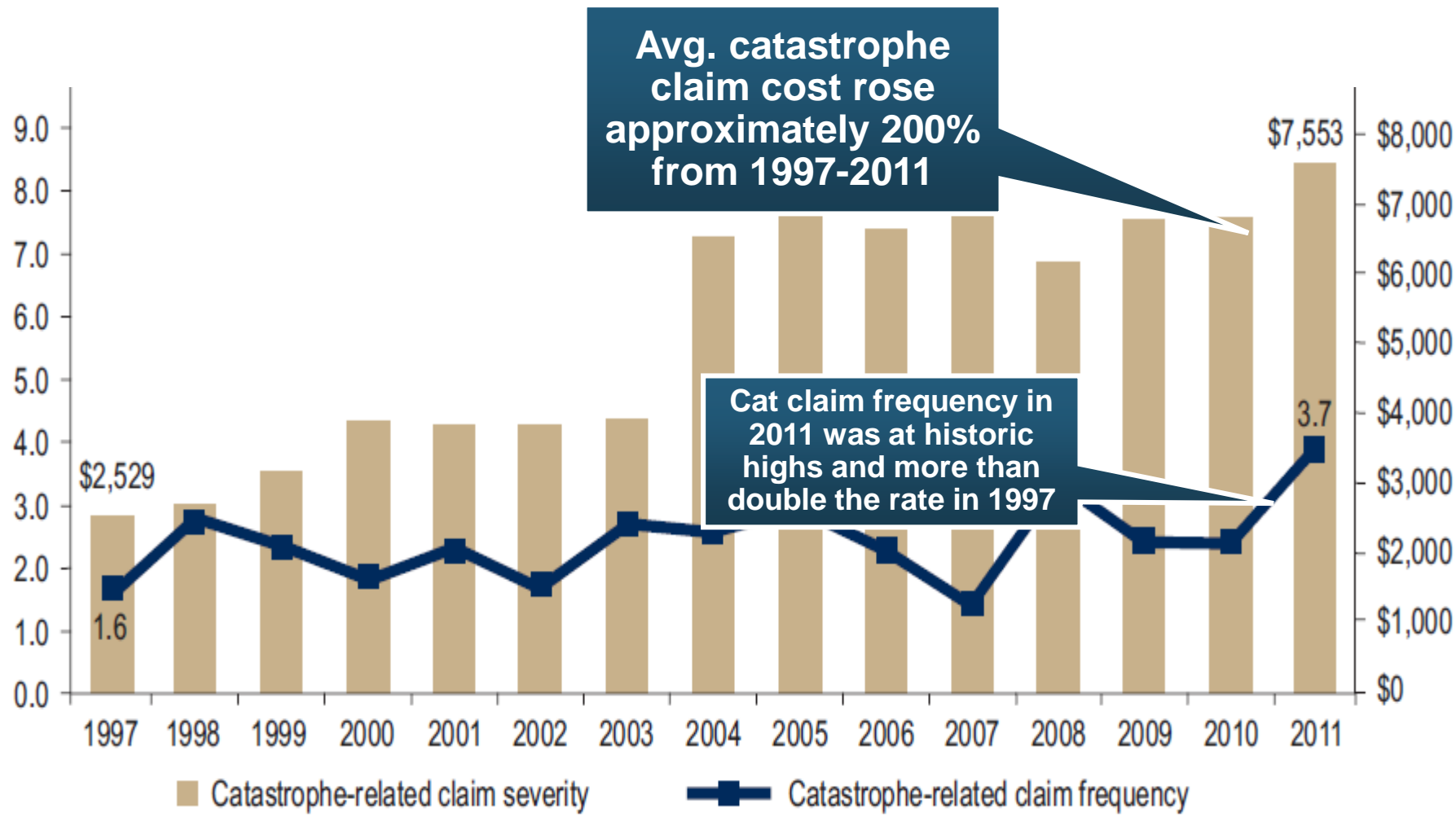
 Overall losses (in 2013 values)

 Insured losses (in 2013 values)

Number of Acres Burned in Wildfires, 1980 – 2013

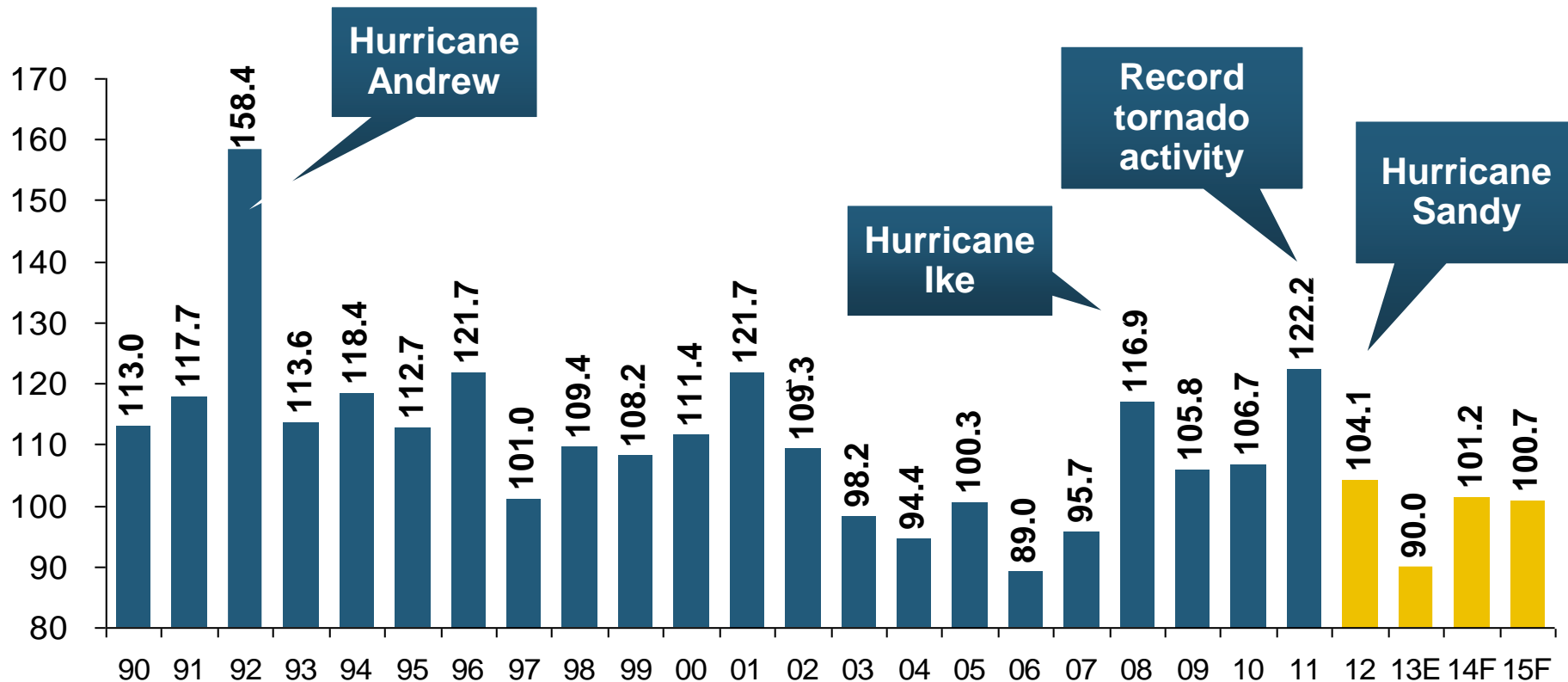


Homeowners Insurance Catastrophe-Related Claim Frequency and Severity, 1997—2012*



*All policy forms combined, countrywide.
Source: Insurance Research Council, *Trends in Homeowners Insurance Claims*, Sept. 2012 from ISO Fast Track data.

Homeowners Insurance Combined Ratio: 1990–2015F

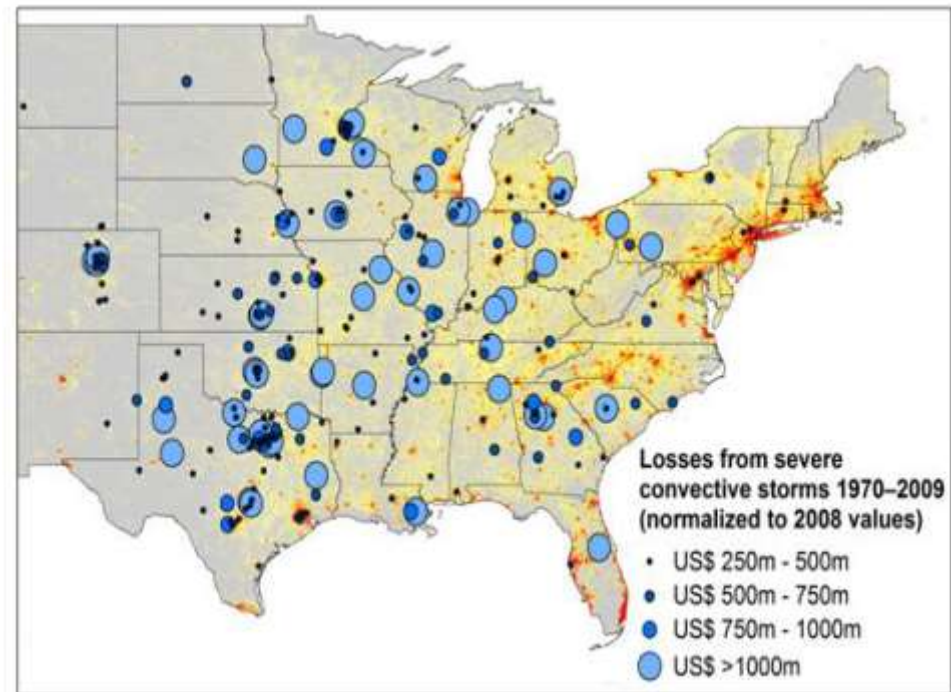


Low Cat Losses Led to 2013 Improvement. Homeowners Performance in 2011/12 Impacted by Large Cat Losses. Extreme Regional Variation Can Be Expected Due to Local Catastrophe Loss Activity

New Research Suggests Increase in Convective Activity Is Costly for Insurers

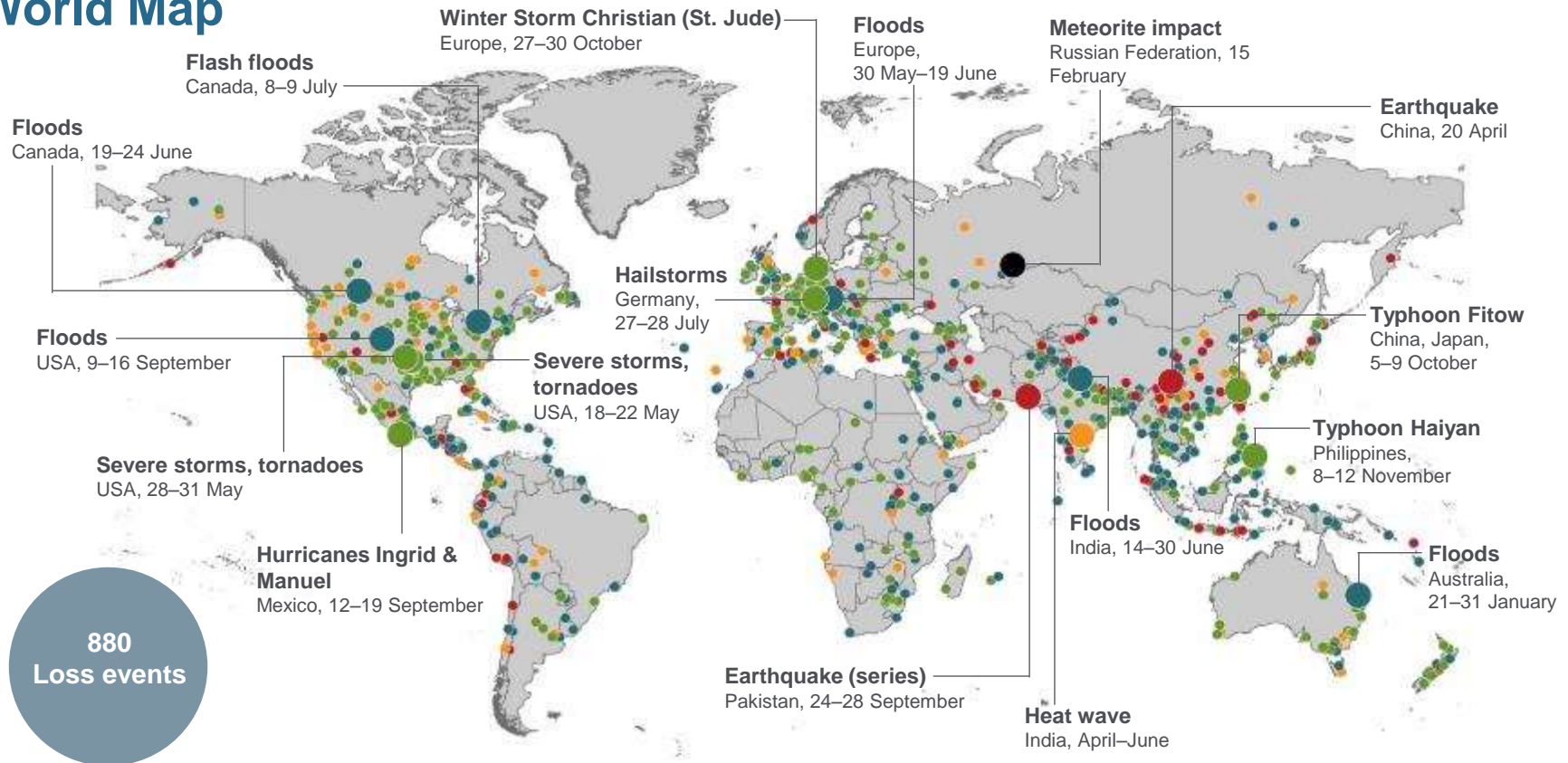
- Study examines convective (hail, tornado, thundersquall and heavy rainfall) events in the US with losses exceeding US\$ 250m in the period 1970–2009 (80% of all losses)
- Past losses are normalized (i.e., adjusted) to currently exposed values
- After normalization there are still increases of losses
- Increases are correlated with the increase in the meteorological potential for severe thunderstorms and its variability

For the first time research shows that climatic changes have already influenced US thunderstorm losses



Natural Loss Events: Full Year 2013

World Map



○ **Natural catastrophes**

○ **Selection of significant
Natural catastrophes**

● **Geophysical events**
(earthquake, tsunami, volcanic activity)

● **Meteorological events**
(storm)

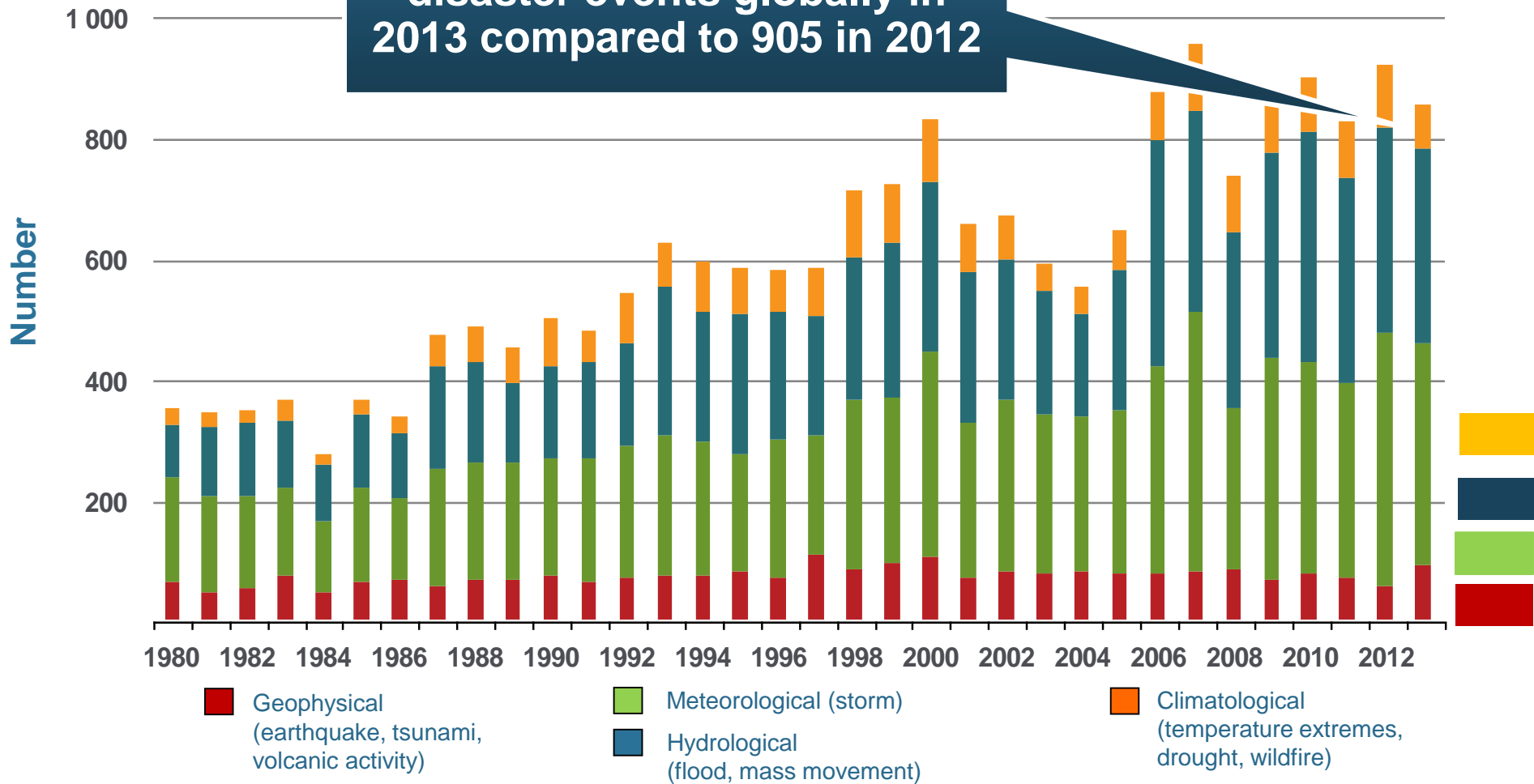
● **Hydrological events**
(flood, mass movement)

● **Climatological events**
(extreme temperature, drought, wildfire)

● **Extraterrestrial events**
(Meteorite impact)

Natural Disasters Worldwide, 1980 – 2013 (Number of Events)

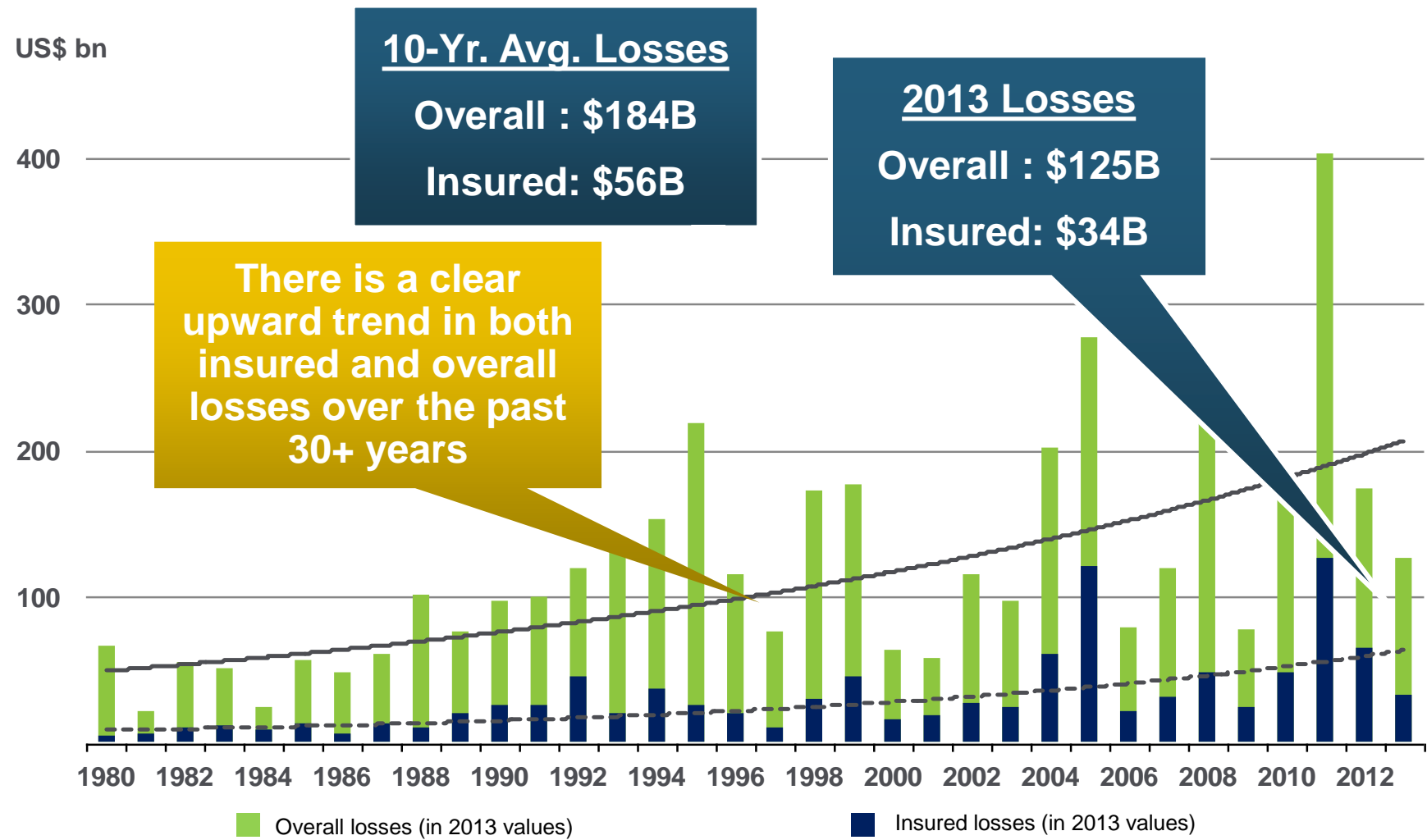
There were 880 natural
disaster events globally in
2013 compared to 905 in 2012



Losses Due to Natural Disasters Worldwide, 1980–2013 (Overall & Insured Losses)

(Overall and Insured Losses)

(2013 Dollars, \$ Billions)

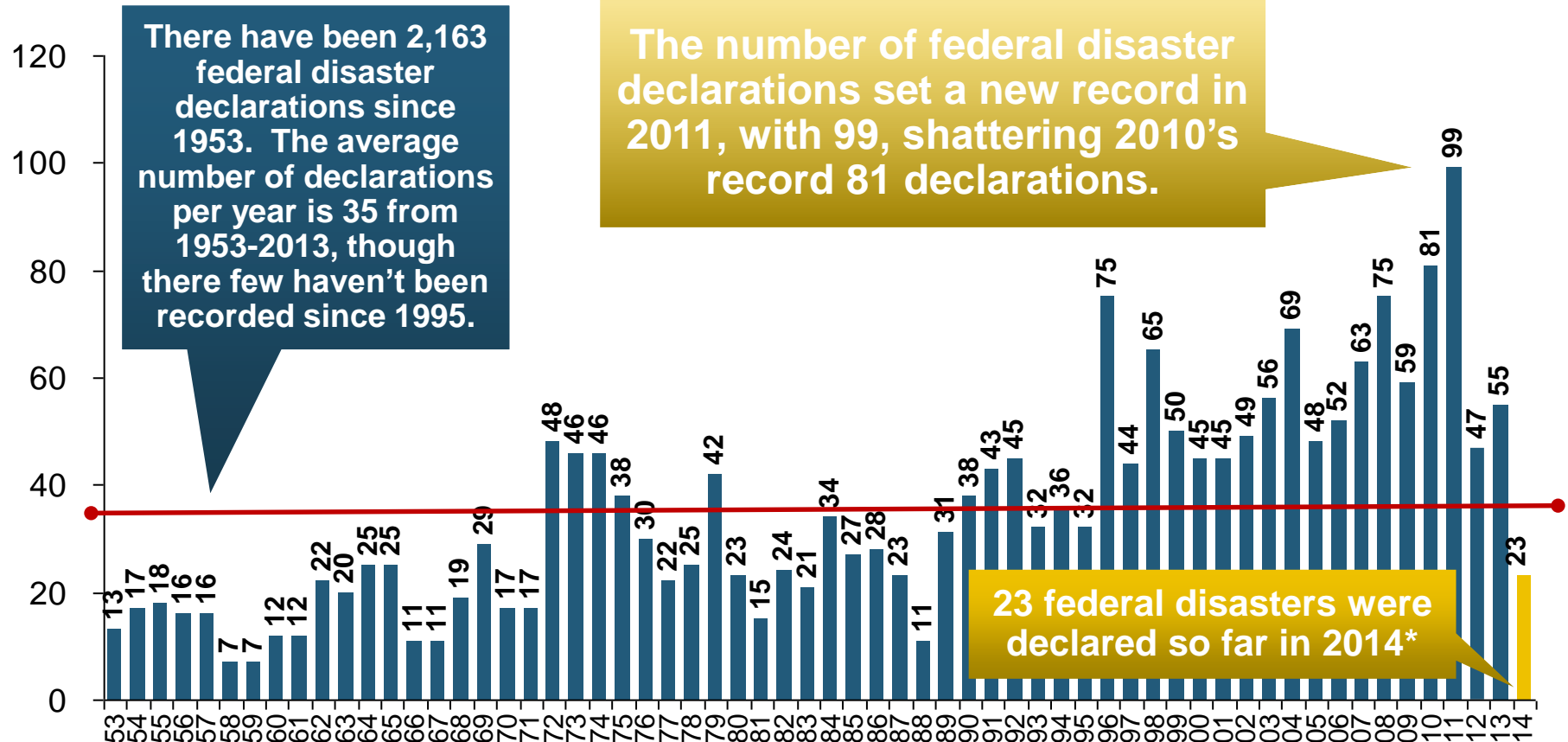




Federal Disaster Declarations Patterns: 1953-2014

**Disaster Declarations Set New
Records in Recent Years**

Number of Federal Major Disaster Declarations, 1953-2014*

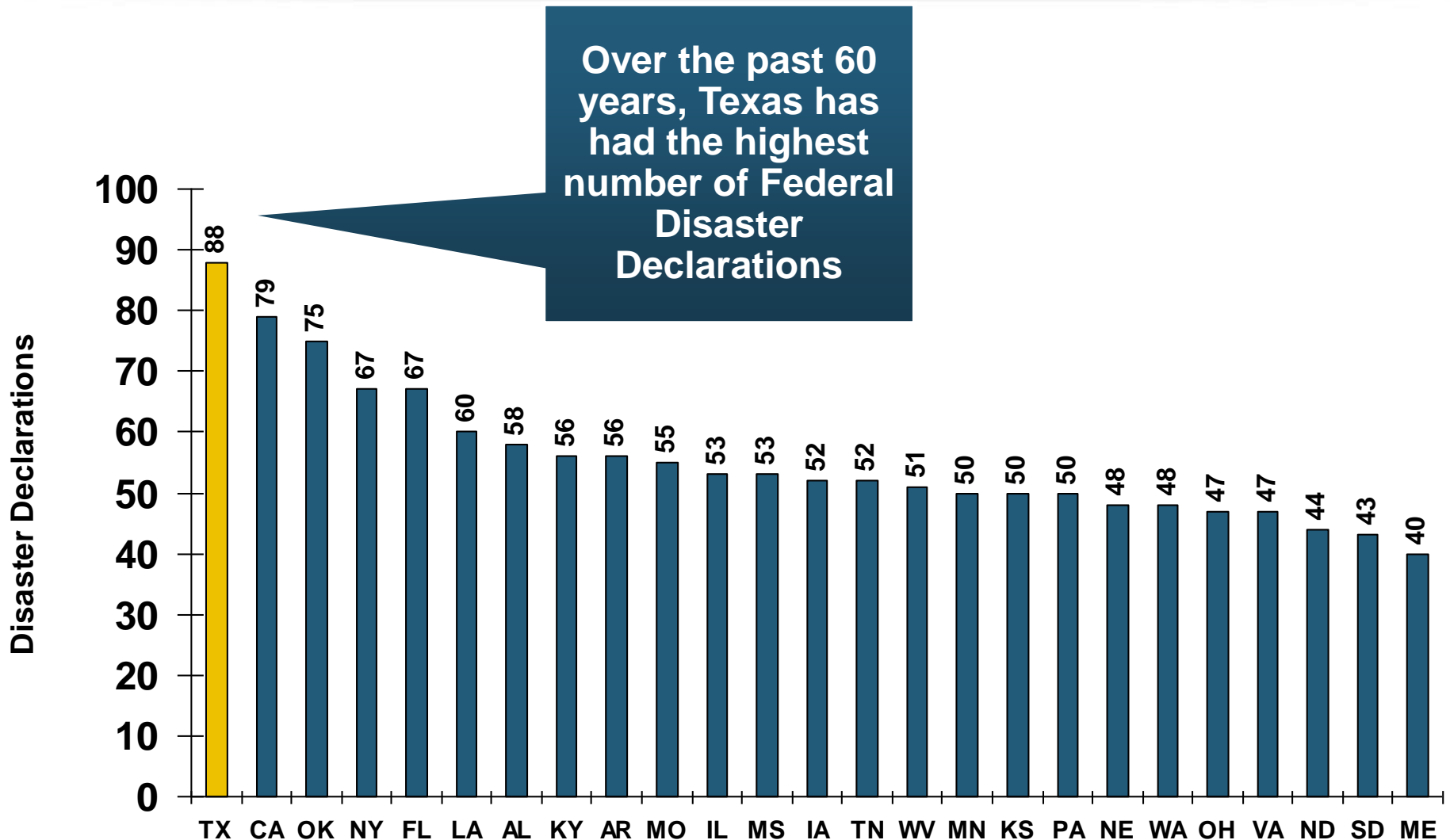


The Number of Federal Disaster Declarations Is Rising and Set New Records in 2010 *and* 2011 Before Dropping in 2012/13

*Through May 18, 2014.

Source: Federal Emergency Management Administration; <http://www.fema.gov/disasters>; Insurance Information Institute.

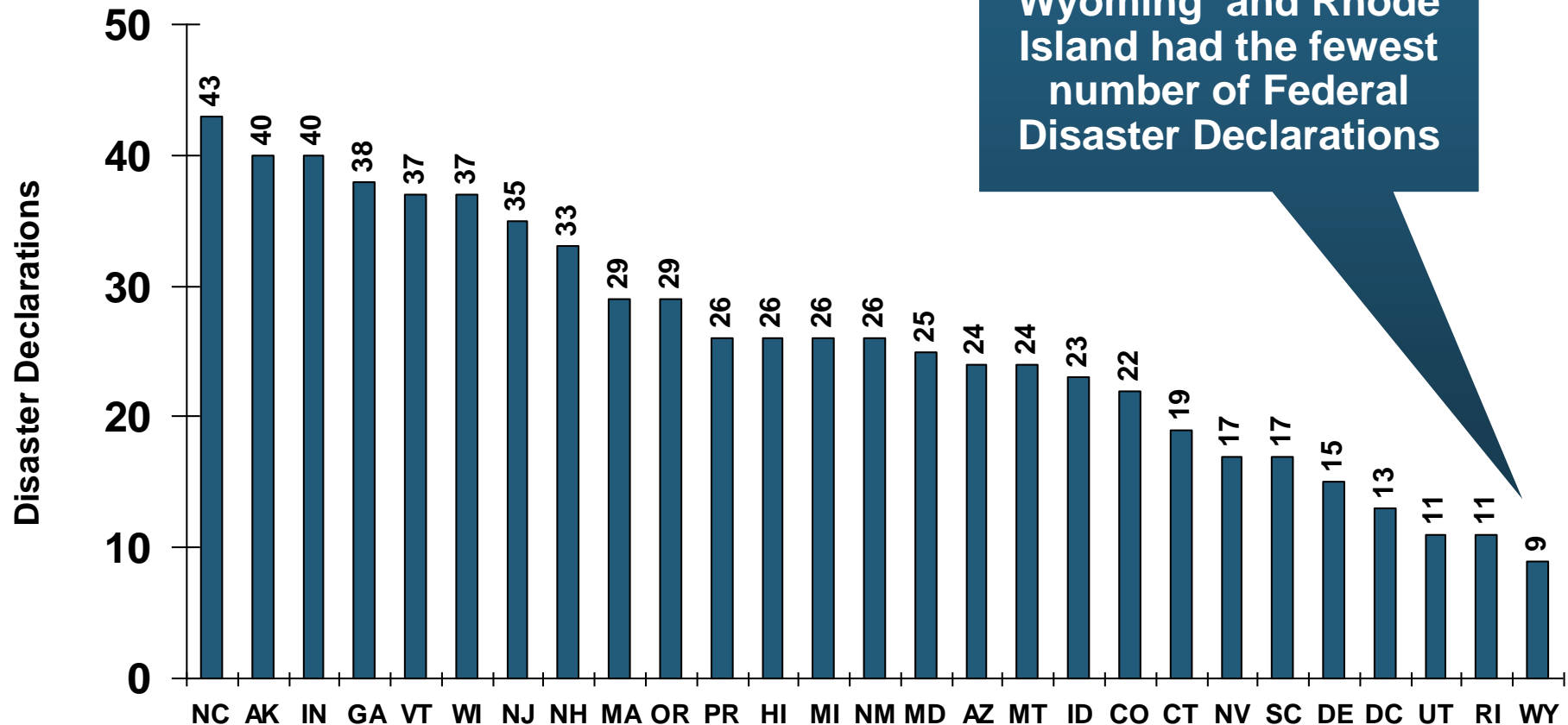
Federal Disasters Declarations by State, 1953 – 2014: Highest 25 States*



*Through May 18, 2014. Includes Puerto Rico and the District of Columbia.

Source: FEMA: http://www.fema.gov/news/disaster_totals_annual.fema; Insurance Information Institute.

Federal Disasters Declarations by State, 1953 – 2014: Lowest 25 States*



*Through May 18, 2014. Includes Puerto Rico and the District of Columbia.

Source: FEMA: http://www.fema.gov/news/disaster_totals_annual.fema; Insurance Information Institute.

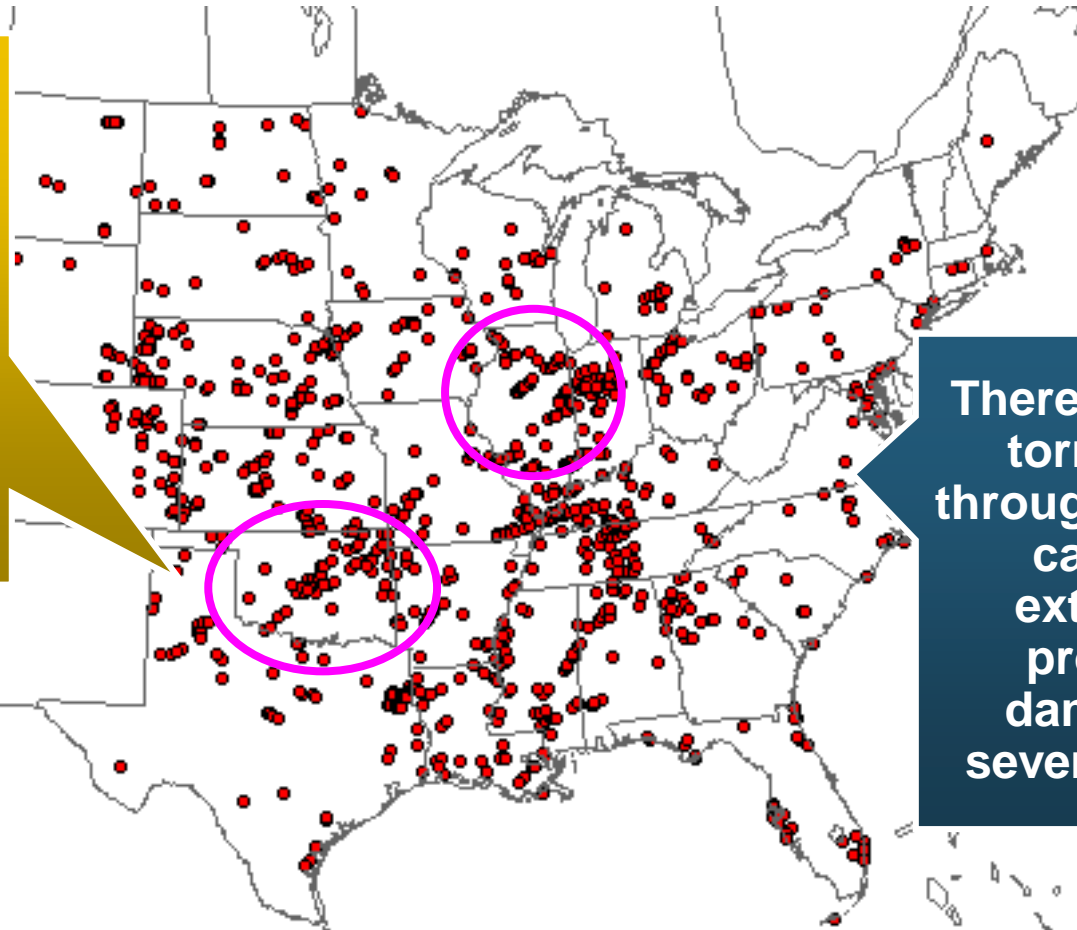


SEVERE WEATHER REPORT UPDATE: 2014

*Damage from Tornadoes, Large Hail
and High Winds Keep Insurers Busy*

Location of Tornado Reports in 2013

A deadly EF-5 tornado in May in Moore, OK, produced insured losses of \$1.575 billion. November tornadoes in the Midwest like produced \$1B in insured losses.



There were 943 tornadoes through Dec. 31, causing extensive property damage in several states



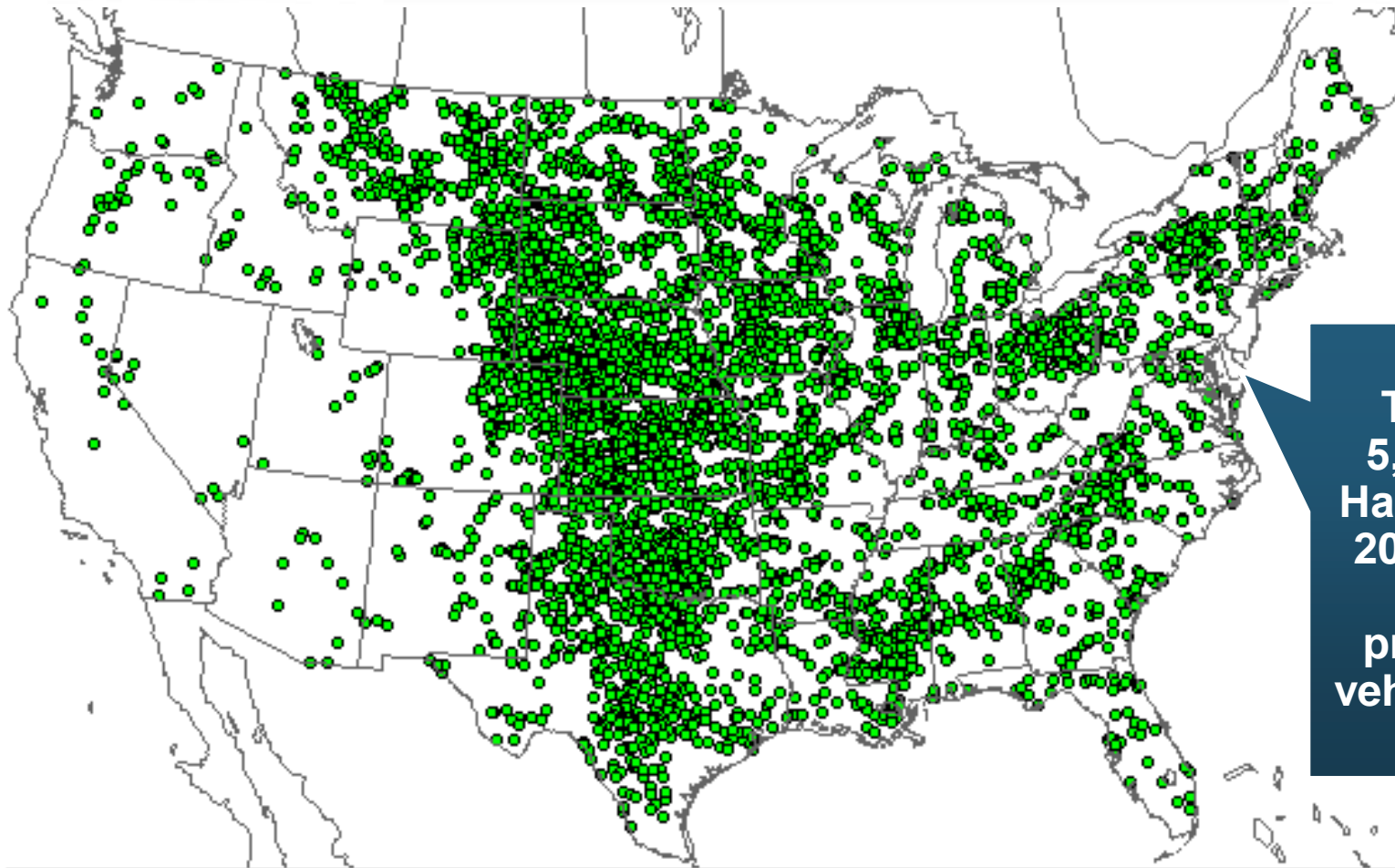
PRELIMINARY SEVERE WEATHER
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Tornado Reports
January 01, 2013 - December 31, 2013

Updated: Tuesday December 31, 2013 16:17 CT

Location of Large Hail Reports: 2013



There were
5,457 “Large
Hail” reports in
2013, causing
extensive
property and
vehicle damage



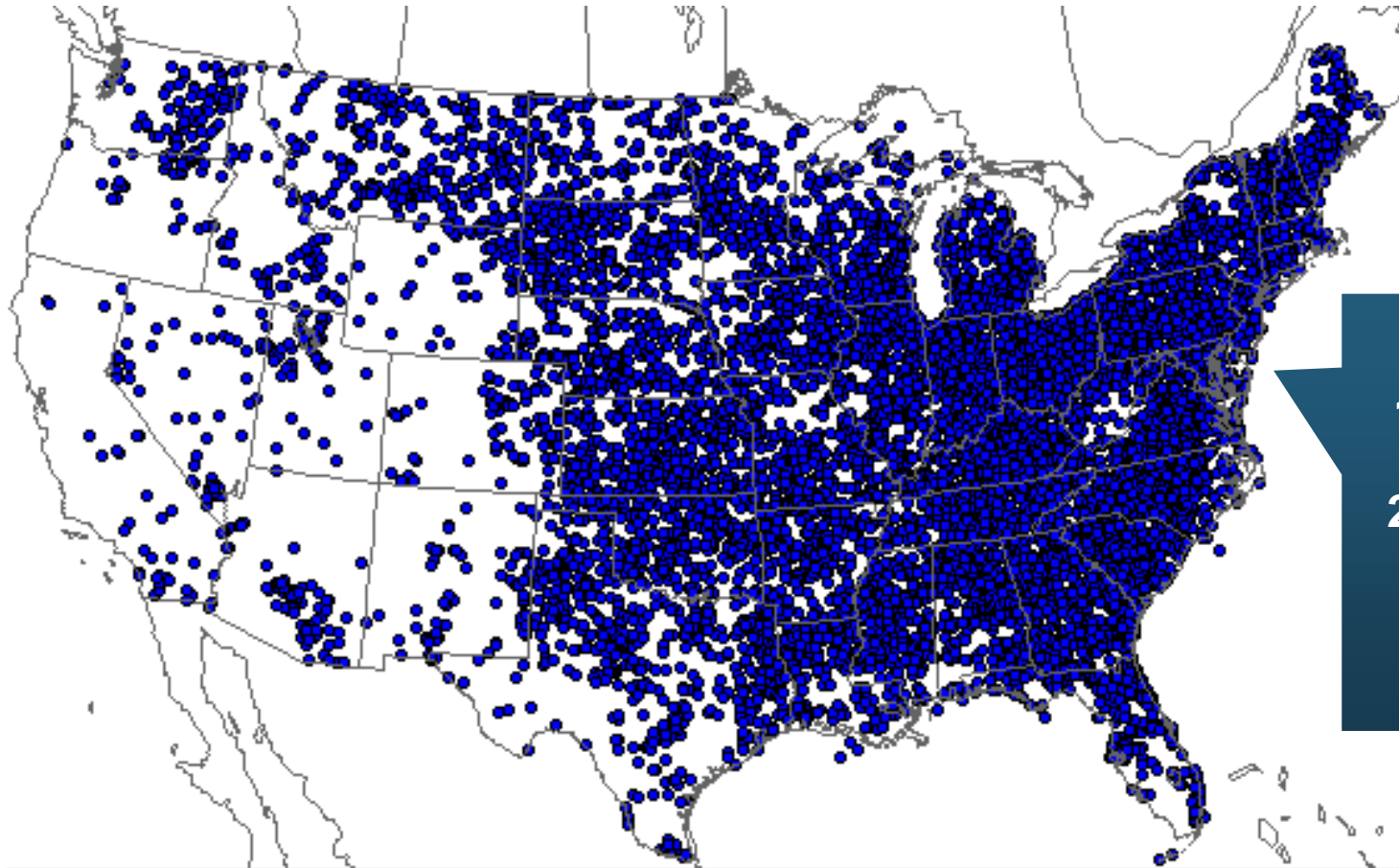
PRELIMINARY SEVERE WEATHER
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Hail Reports
January 01, 2013 - December 31, 2013

Updated: Tuesday December 31, 2013 16:17 CT

Location of High Wind Reports: 2013



There were
12,942 “Wind
Damage” in
2013, causing
extensive
property
damage



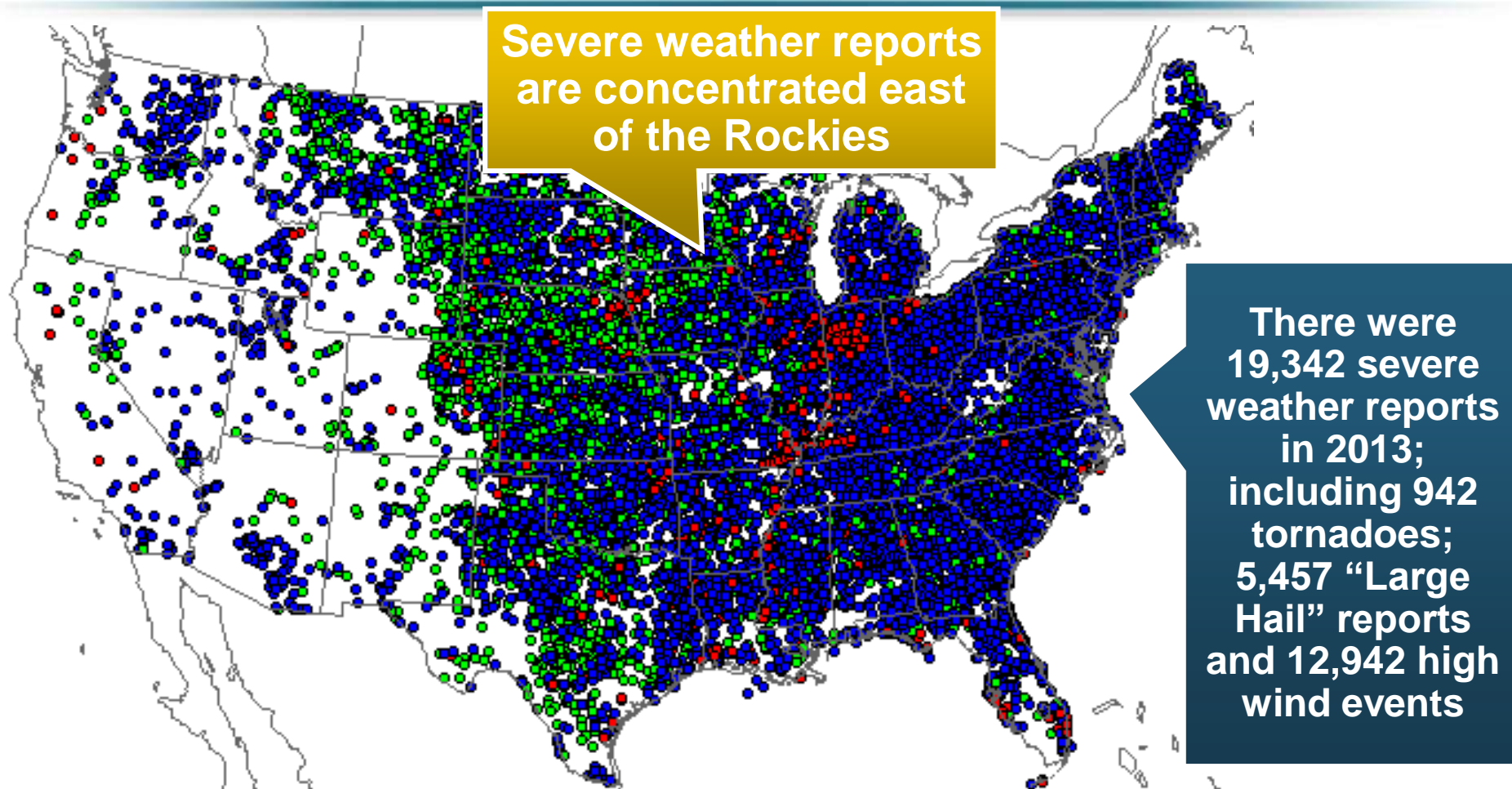
PRELIMINARY SEVERE WEATHER
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Wind Reports
January 01, 2013 - December 31, 2013

Updated: Tuesday December 31, 2013 16:17 CT

Severe Weather Reports: 2013



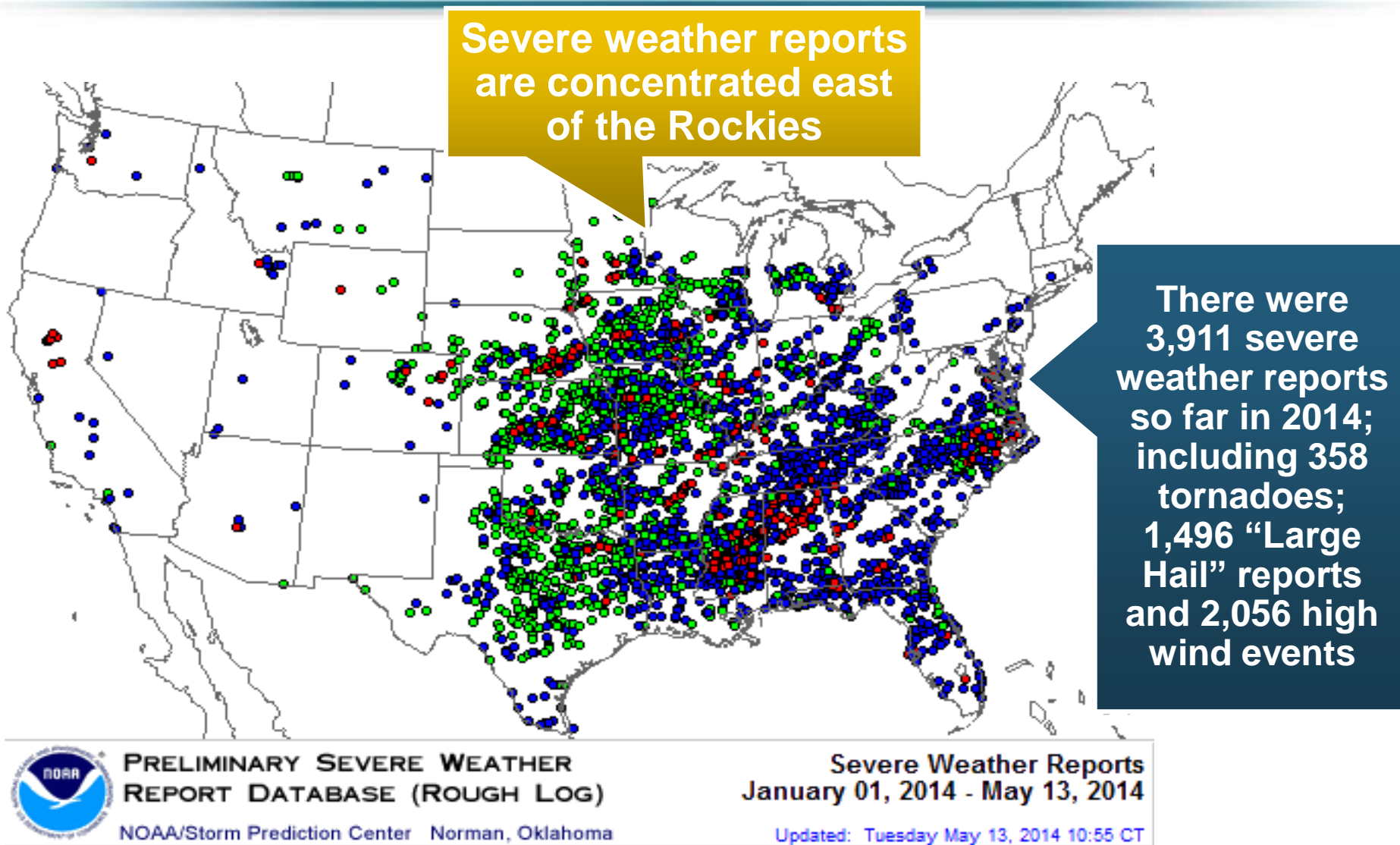
PRELIMINARY SEVERE WEATHER
REPORT DATABASE (ROUGH LOG)

NOAA/Storm Prediction Center Norman, Oklahoma

Severe Weather Reports
January 01, 2013 - December 31, 2013

Updated: Tuesday December 31, 2013 16:17 CT

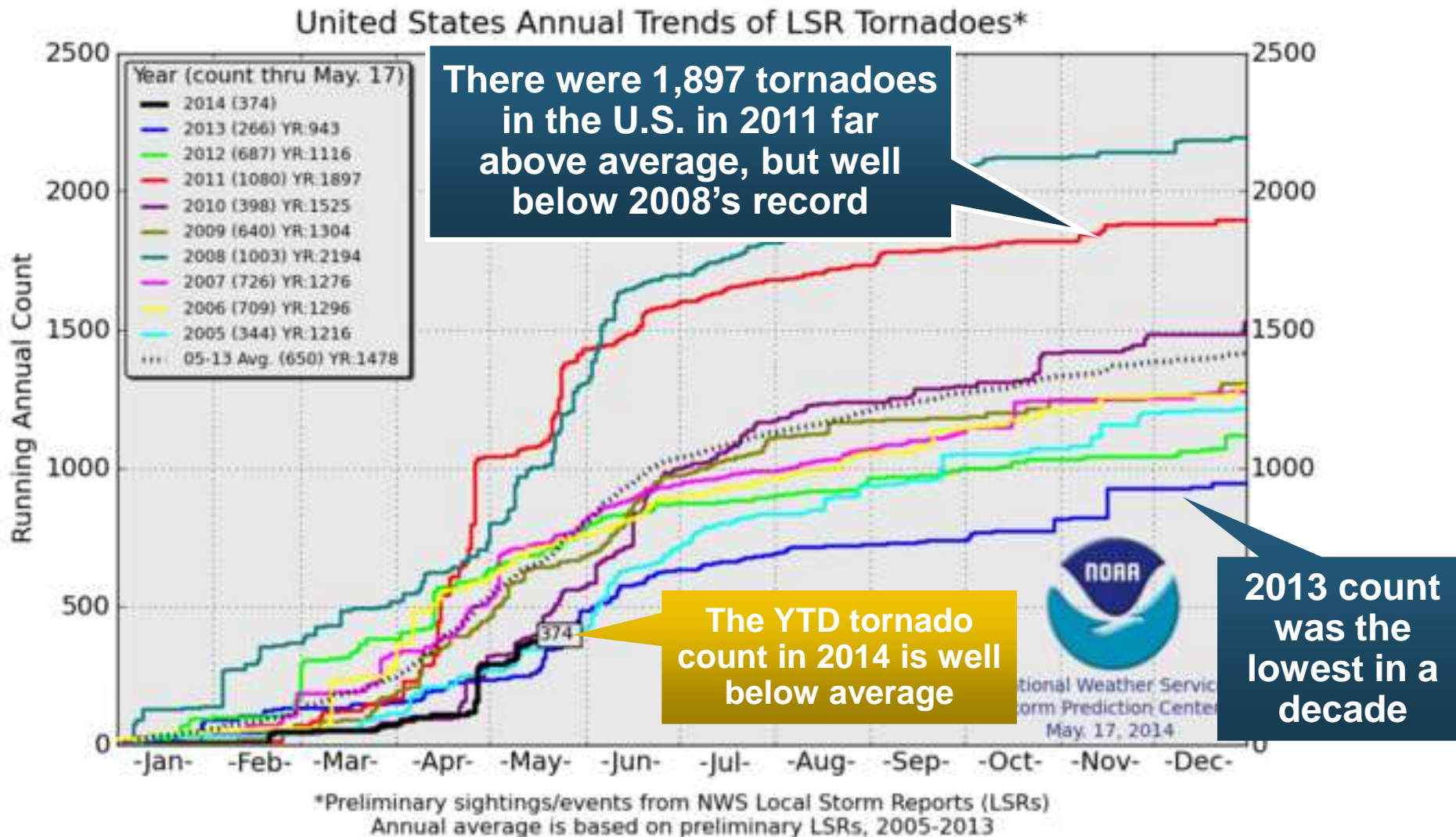
Severe Weather Reports: 2014*



*Through May 13.

Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2014_annual_summary.htm#

U.S. Tornado Count, 2005-2014*



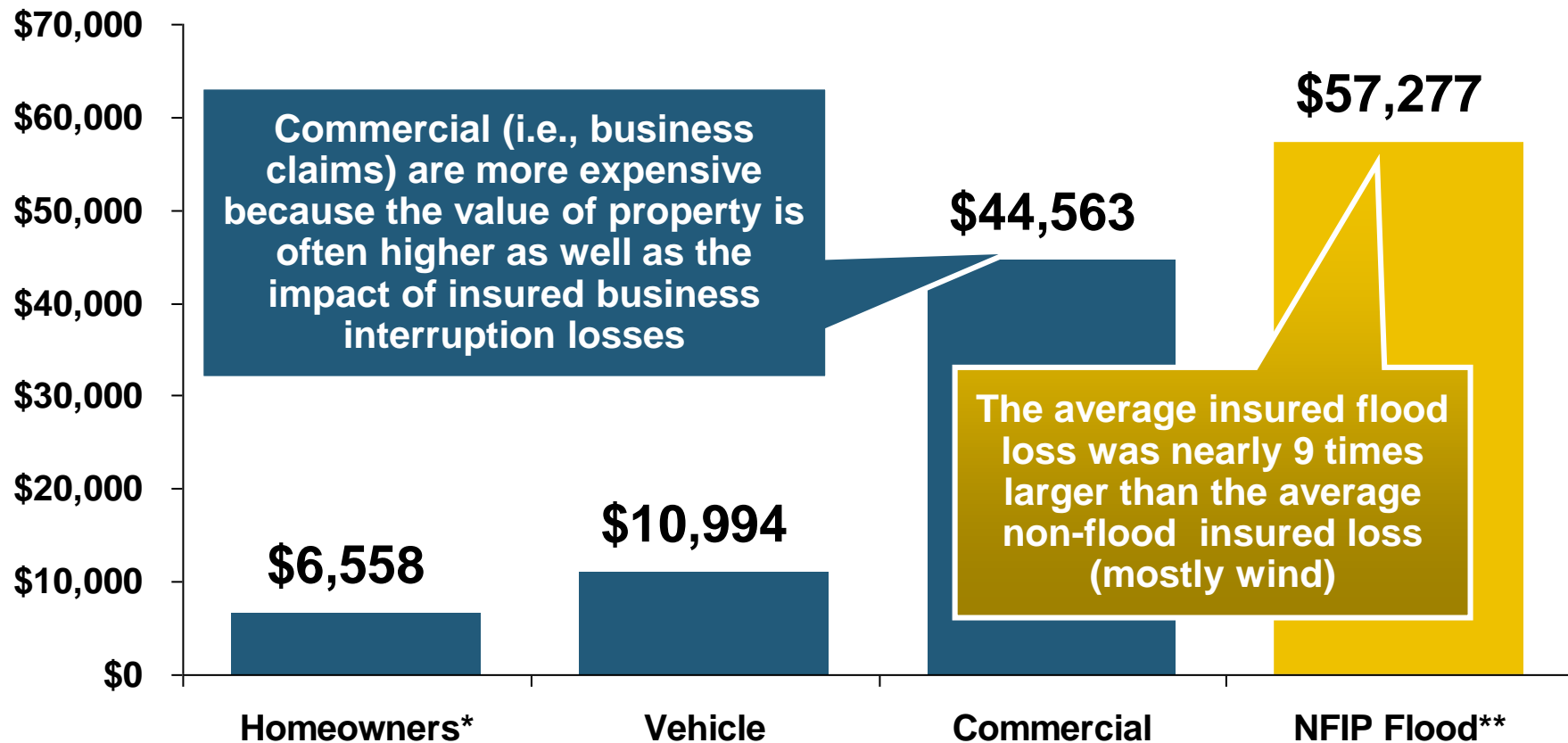
*Through May 17, 2014.

Source: <http://www.spc.noaa.gov/wcm/>.

Flood Insurance & Biggert-Waters Reforms

**Implementation of BW-12 Has
Caught Media and Public
Policymaker Attention**

Hurricane Sandy: Average Claim Payment by Type of Claim



Post-Sandy, the I.I.I. worked very hard to make help media, consumers and regulators understand the distinction between a flood claim and a standard homeowners claim. *NFIP is \$24B in debt.*

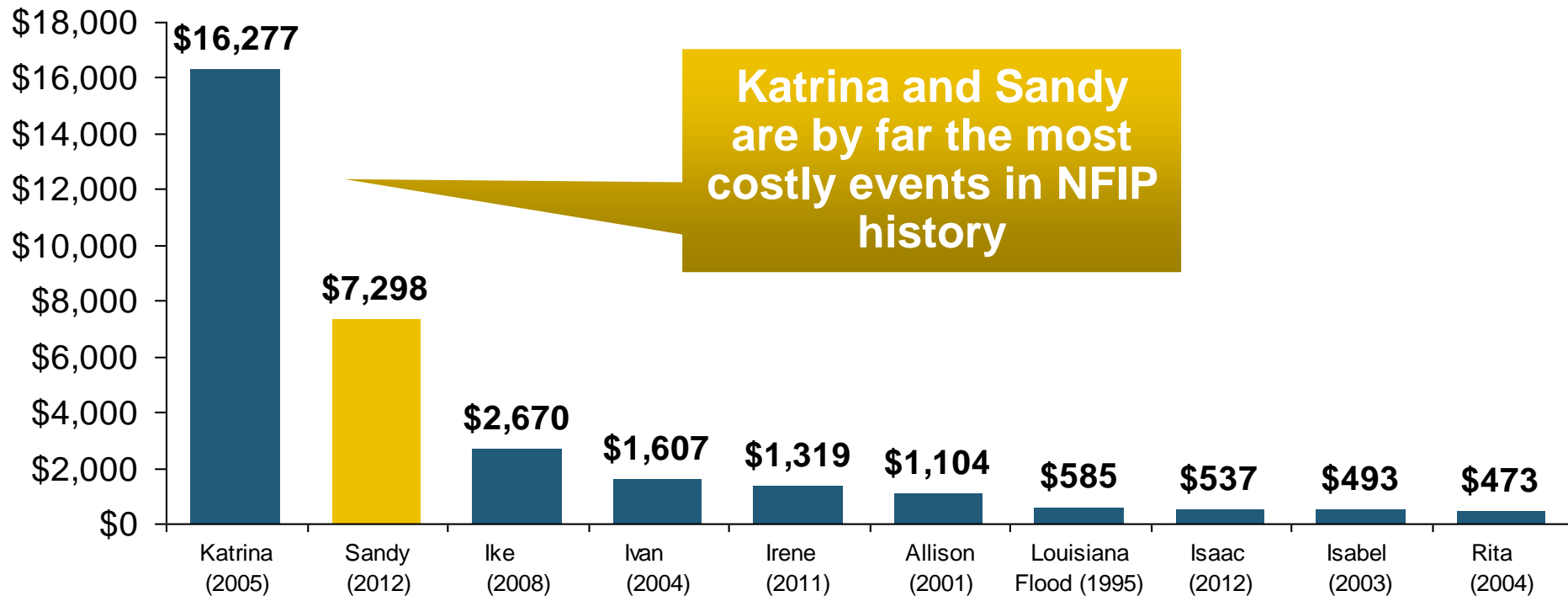
*Includes rental and condo policies (excludes NFIP flood). **As of Oct. 31, 2013.

Sources: Catastrophe loss data is for Catastrophe Serial No. 90 (Oct. 28 – 31, 2012) from PCS as of March 2013; Insurance Information Institute.

Top 12 Most Costly Flood Events by NFIP Payout*

(NFIP Insured Losses, \$ Millions)

**8 of the 10 most costly events in NFIP history occurred over the past decade (2004–2013);
*NFIP deficit now totals \$24 billion***

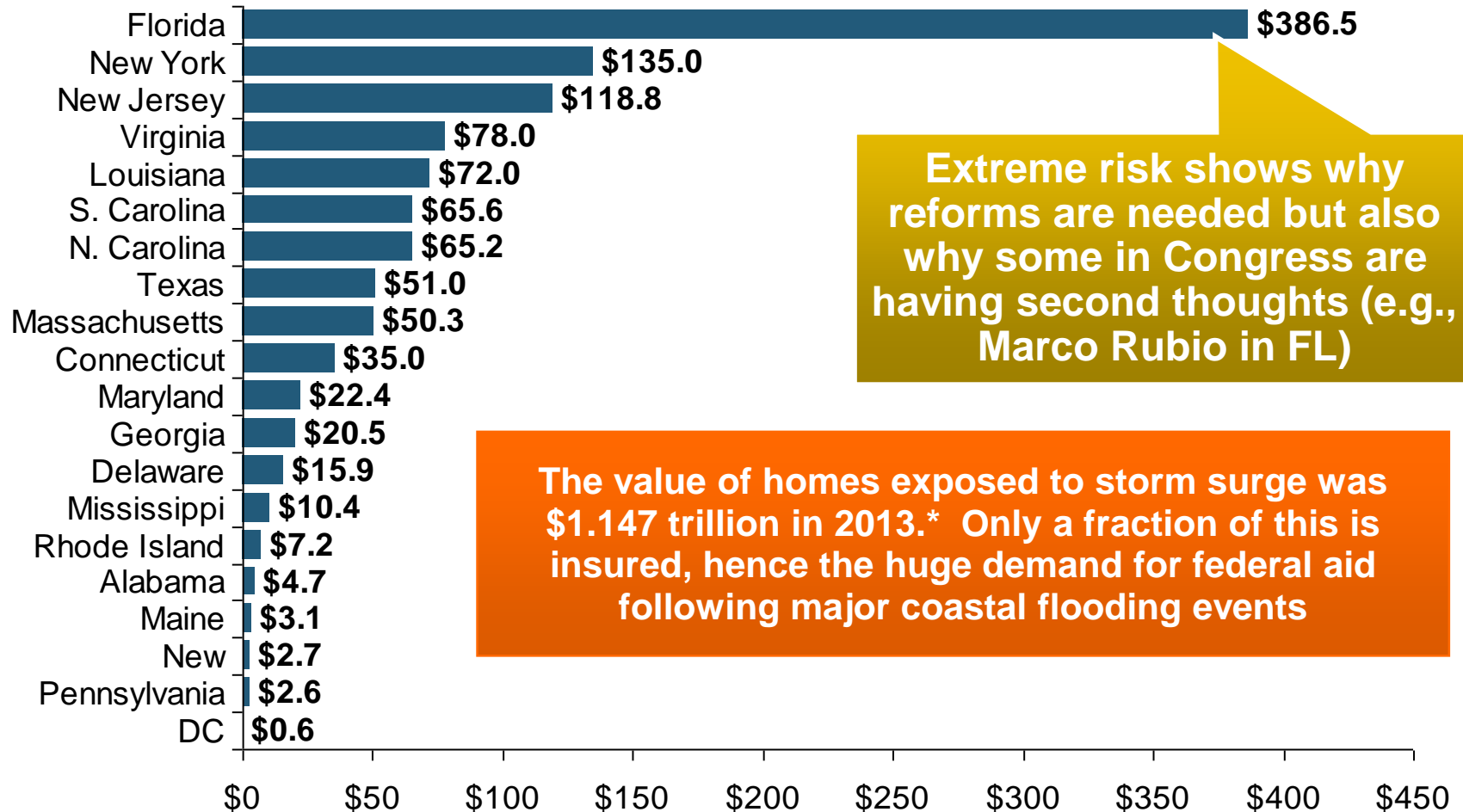


*Expressed in original dollars (not inflation-adjusted).

Sources: PCS; Insurance Information Institute inflation adjustments to 2012 dollars using the CPI.

Total Potential Home Value Exposure to Storm Surge Risk in 2013*

(\$ Billions)



*Insured and uninsured property. Based on estimated property values as of April 2013.

Source: *Storm Surge Report 2013*, CoreLogic.

Biggert-Waters: Media and Congressional Maelstrom

- **BW-12 Rate Increases to Phase Out Subsidies Began in 2013**
 - ◆ Note: Only 20% of NFIP policies are subsidized
- **Jan. 1, 2013: Non-Primary/Secondary Residences**
 - ◆ Increases of 25% per year until full-risk rate achieved
 - ◆ *Reaction: Very muted; Vacation homes/wealthier owners*
- **Oct. 1, 2013: Subsidized Severe or Repetitive Loss Policies and Owners of Business/Non-Residential Properties**
 - ◆ Increases of 25% per year until full-risk rate achieved
 - ◆ *Reaction: Huge consumer backlash, intense media coverage leading to a Congressional effort to delay BW-12 by 4 years (effectively killing it). Even Maxine Waters supports delay...*
- **Subsidy Lost if Policy Lapses, Severe Repeated, New Policy**
- **I.I.I. Is Explaining the Risks Associated with BW-12 Delay**
- **Future Pvt. Insurer Flood Participation Impacted by BW-12 Debate**
- **I.I.I. Research Report on Issue Due Soon Under BW-12 Section 236 Study Requirement (National Academy of Sciences)**

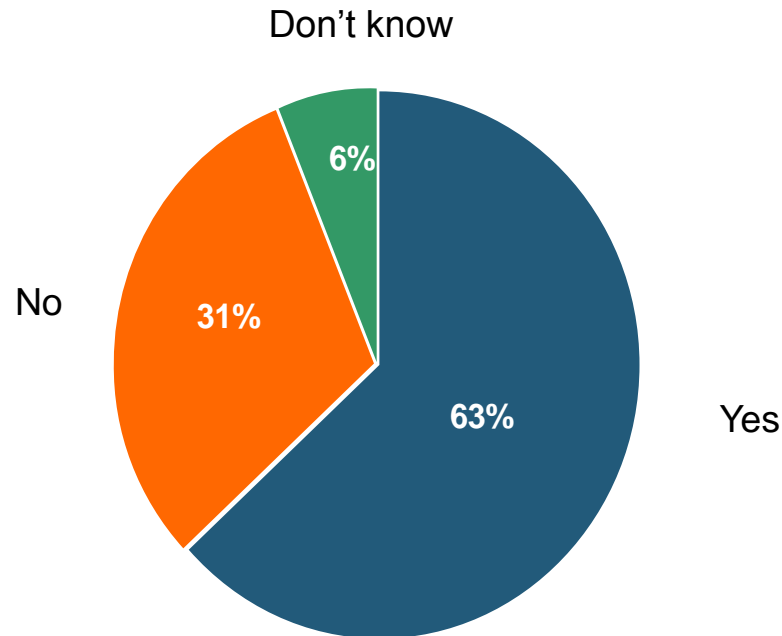
Flood Insurance

I.I.I. Survey: Public Conflicted on Flood

- ***Flood Should Reflect True Risk***
 - ***Keep the Subsidies***
- ***Would Prefer to Purchase from Private Insurers***

I.I.I. Poll: Flood Insurance

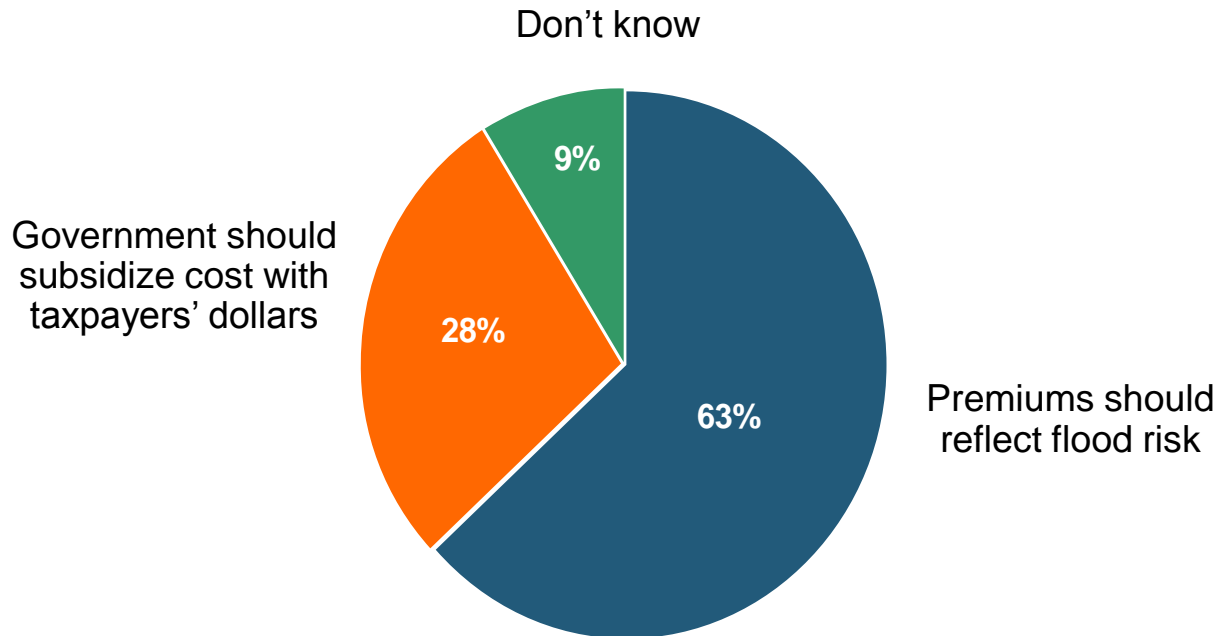
Q. Do you think it is fair that flood insurance premium increases are higher if people who live in high flood risk areas and rebuild their homes do not elevate them?



Almost two-thirds of Americans think that it is fair that flood insurance premiums be raised for people who live in high flood risk areas and rebuild their homes after a flood but do not elevate them.

I.I.I. Poll: Flood Insurance

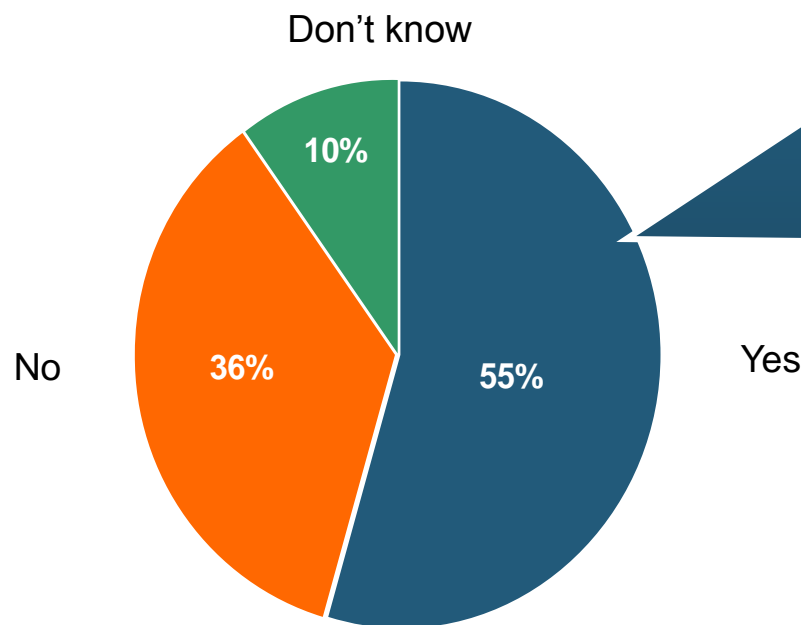
Q. Do you think flood insurance premiums should reflect the risk of flooding no matter what the cost or do you think the government should subsidize the cost of flood insurance with taxpayers' dollars?



Almost two-thirds of Americans think flood insurance premiums should be raised to reflect the risk of flooding.

I.I.I. Poll: Flood Insurance

Q. The federal government provides insurance coverage at taxpayer-subsidized rates for damage from floods through the National Flood Insurance Plan. A new law eliminates the subsidy and raises rates. Do you think the rate increase should be repealed?

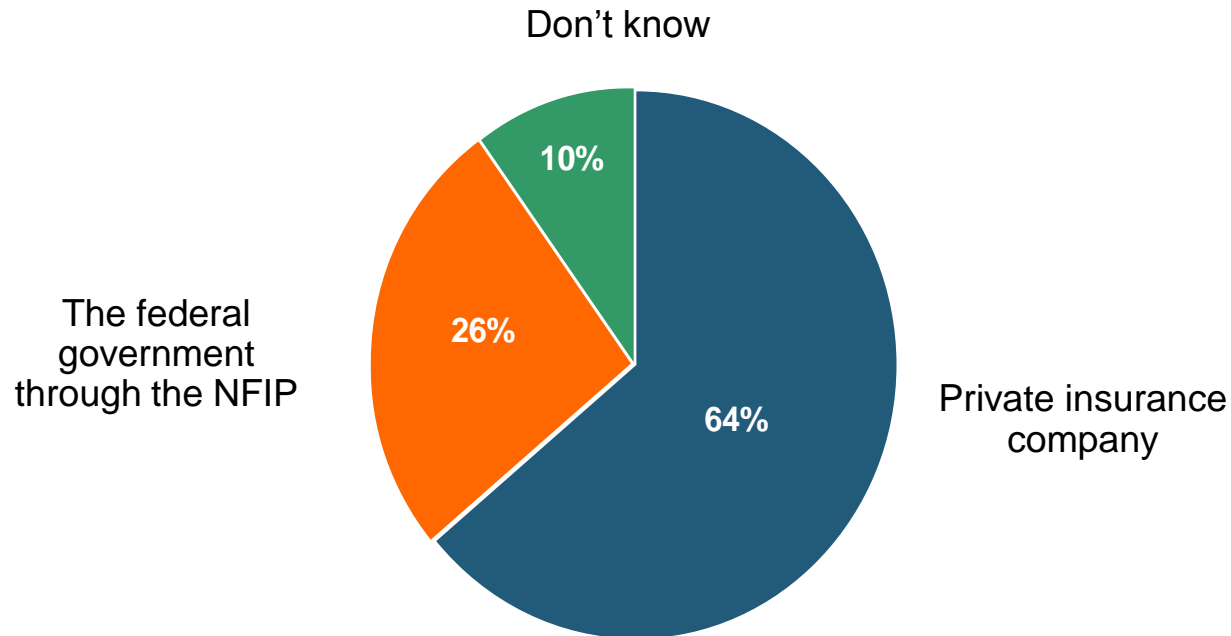


It is inconsistent for the public to support full-risk rates but maintain subsidies, but this exactly mirrors Congressional sentiments, with supporters of BW-12 and even Tea Party conservatives supporting continuation of the subsidies

More than half of Americans polled for the November 2013 Pulse thought that hikes in National Flood Insurance premiums should be repealed.

I.I.I. Poll: Flood Insurance

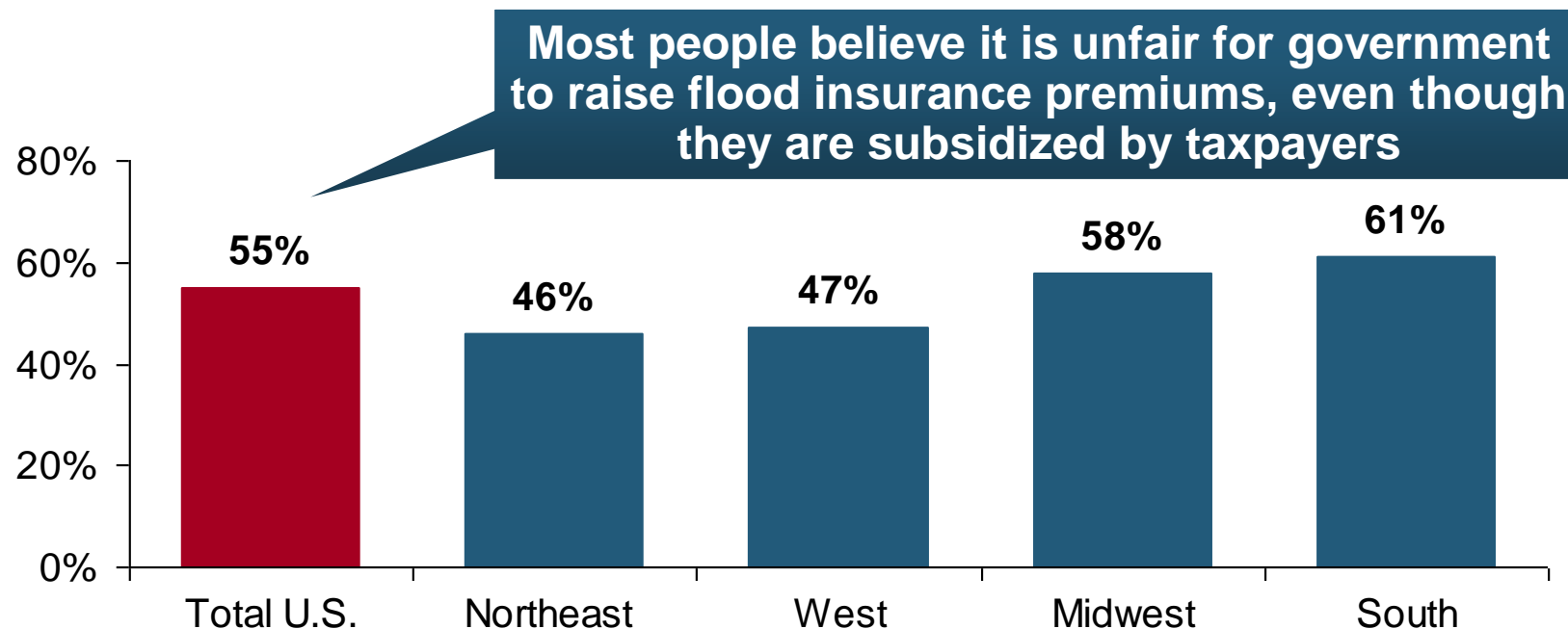
Q. If the costs were similar, would you prefer to buy flood insurance from a private insurance company or from the federal government through the National Flood Insurance Program?



Six out of 10 Americans would prefer to buy flood insurance from a private insurance company as opposed to the federal government, if costs were similar.

I.I.I. Poll: Flood Insurance

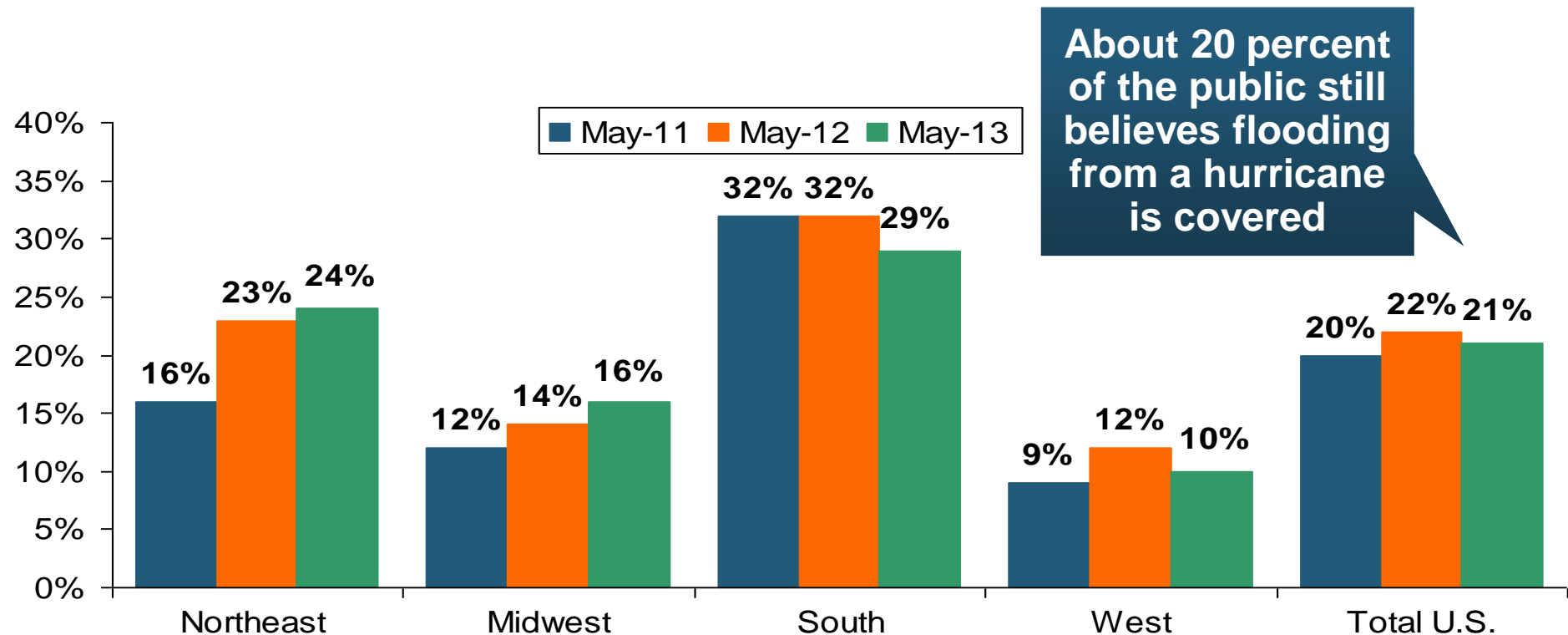
Q. The federal government plans to raise the price of flood insurance so it reflects the costs of paying claims. Do you believe this is fair? [% Responding "NO"]



More than one-half of Americans do not think it is fair for the federal government to raise its flood insurance premiums to better reflect claims payouts.

I.I.I. Poll: Disaster Preparedness

Q. Does your homeowners policy cover damage from flooding during a hurricane?¹

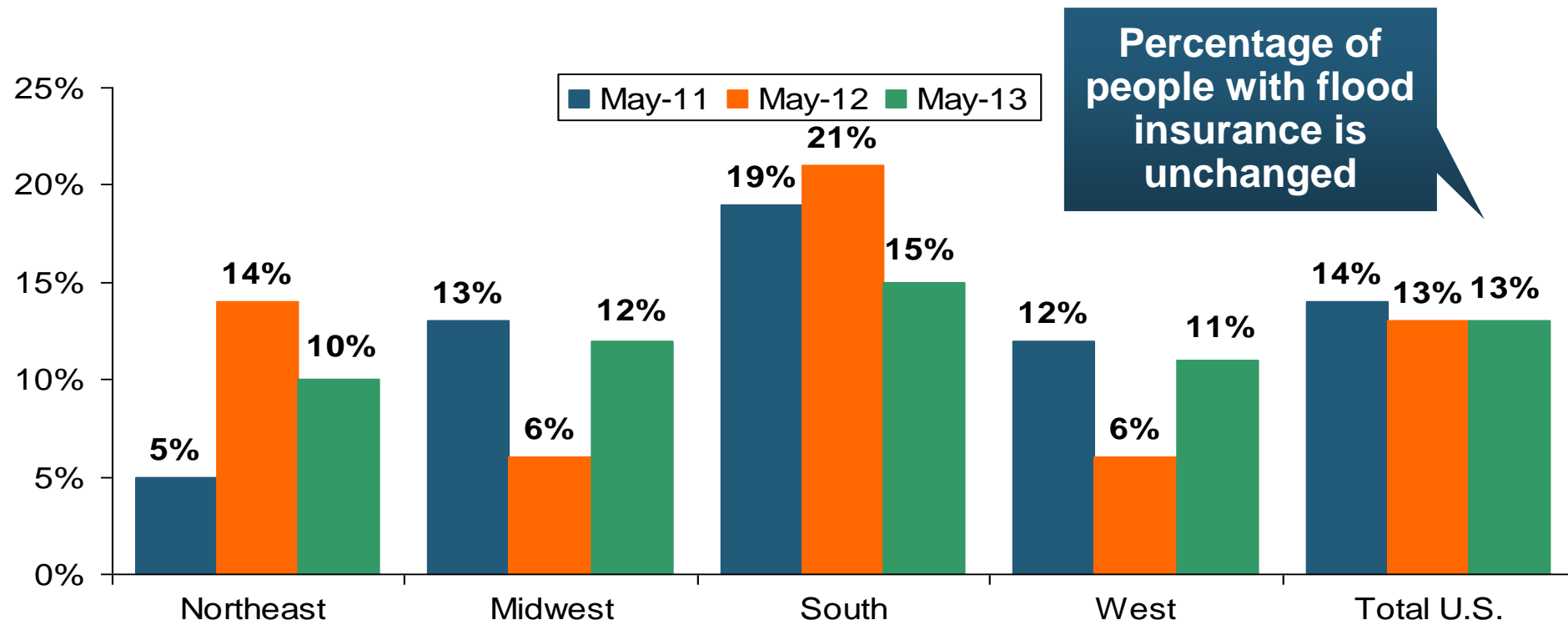


The proportion of homeowners who believe their homeowners policy covers damage from flooding during a hurricane stands at 21 percent. This proportion rises eight percentage points in the South, to 29 percent.

¹Asked of those who have homeowners insurance and who responded "yes".

I.I.I. Poll: Disaster Preparedness

Q. Do you have a separate flood insurance policy?¹

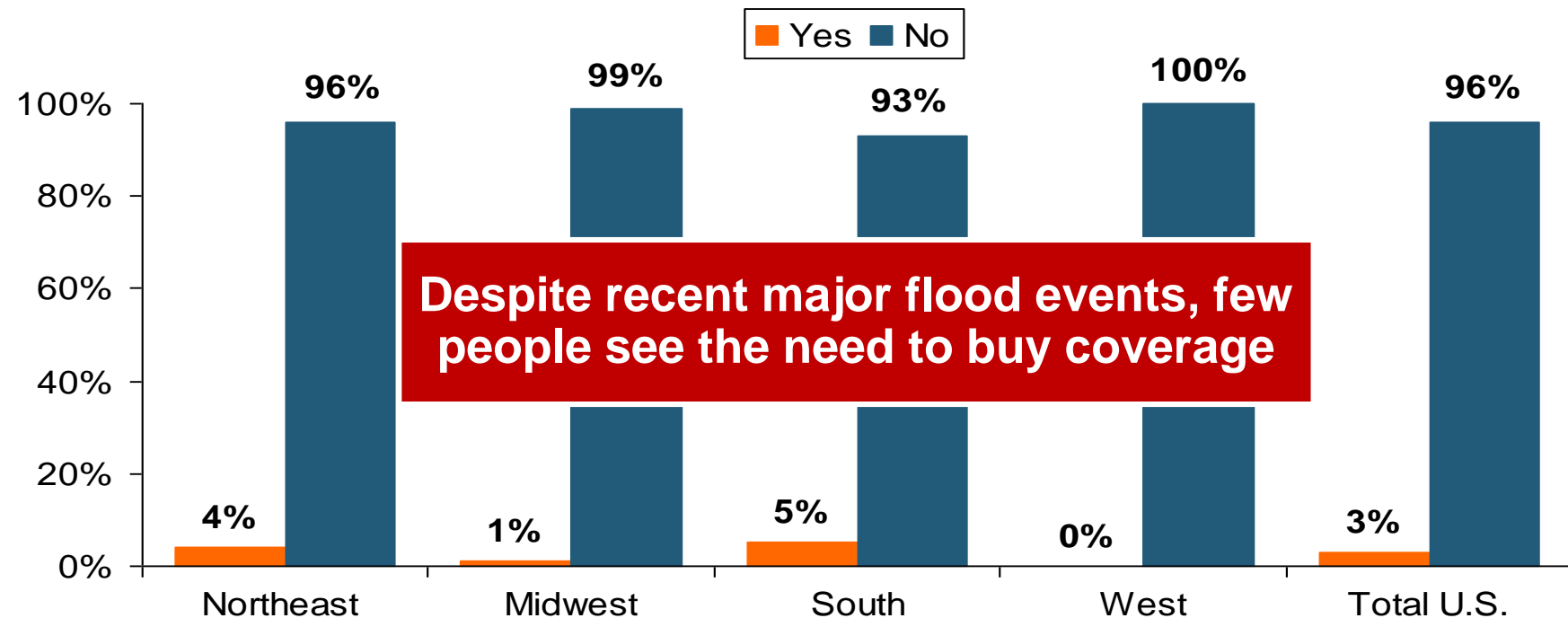


Only 13 percent of American homeowners say they have a flood insurance policy; the percentage is lowest in the Northeast at 10 percent.

¹Asked of those who have homeowners insurance and who responded "yes".

I.I.I. Poll: Disaster Preparedness

Q. Have recent flooding events such as Hurricane Sandy or Hurricane Irene motivated you to buy flood coverage?¹



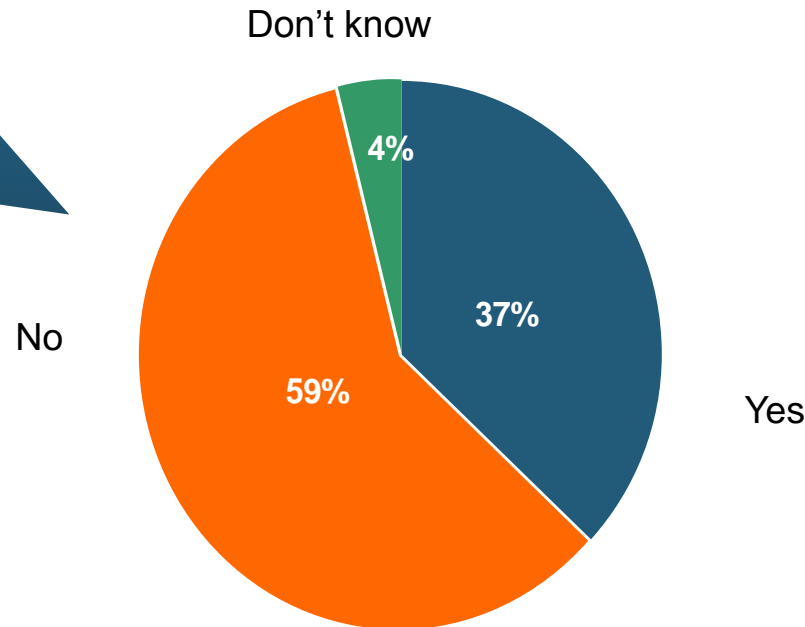
Recent storms have not motivated people to buy flood insurance coverage

¹Asked of those who have homeowners insurance but not flood insurance.

I.I.I. Poll: Homeowners Insurance

Q. Do you think that it is fair that people who live in areas affected by record storms in 2011 and 2012 should pay more for their homeowners insurance in the future?

Public believes it is not fair to raise premiums of homeowners due to events they cannot control

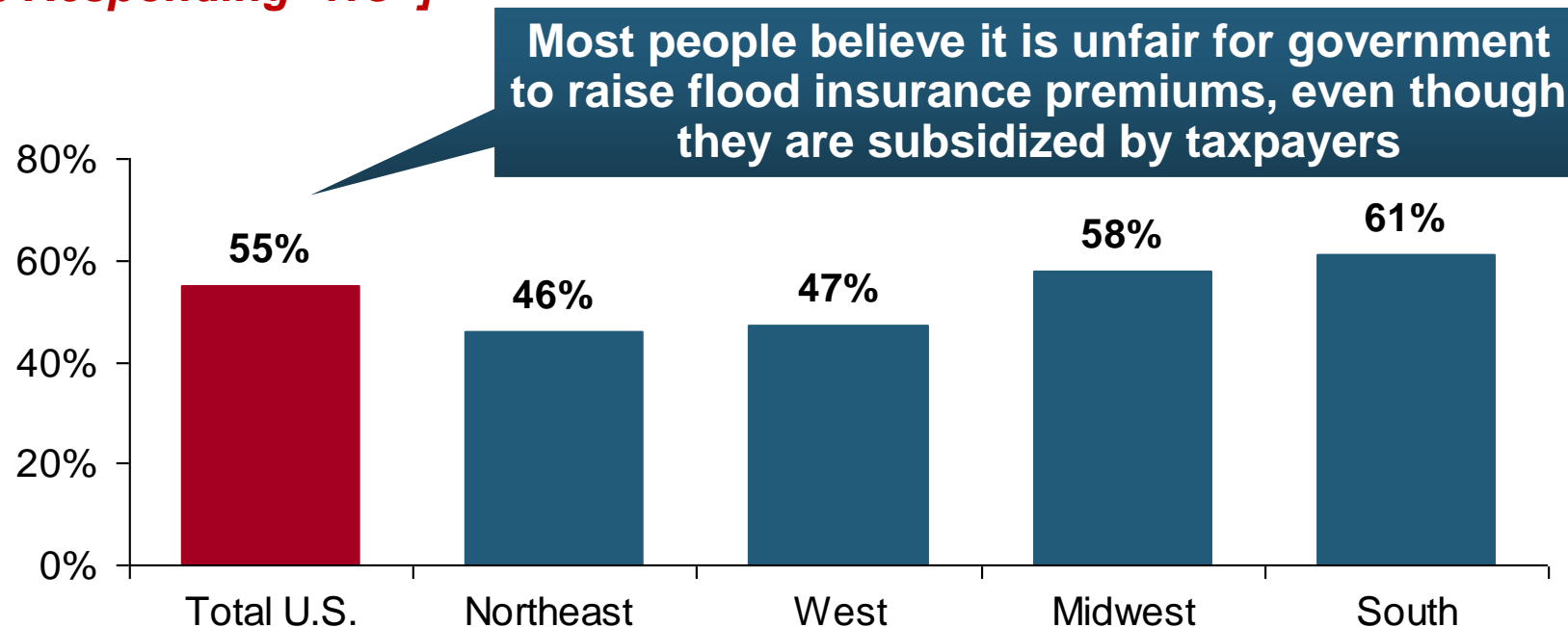


Nearly 60 percent of Americans believe that homeowners insurance premiums should not be raised as a result of recent storms in their areas.

I.I.I. Poll: Flood Insurance

Q. The federal government plans to raise the price of flood insurance so it reflects the costs of paying claims. Do you believe this is fair?

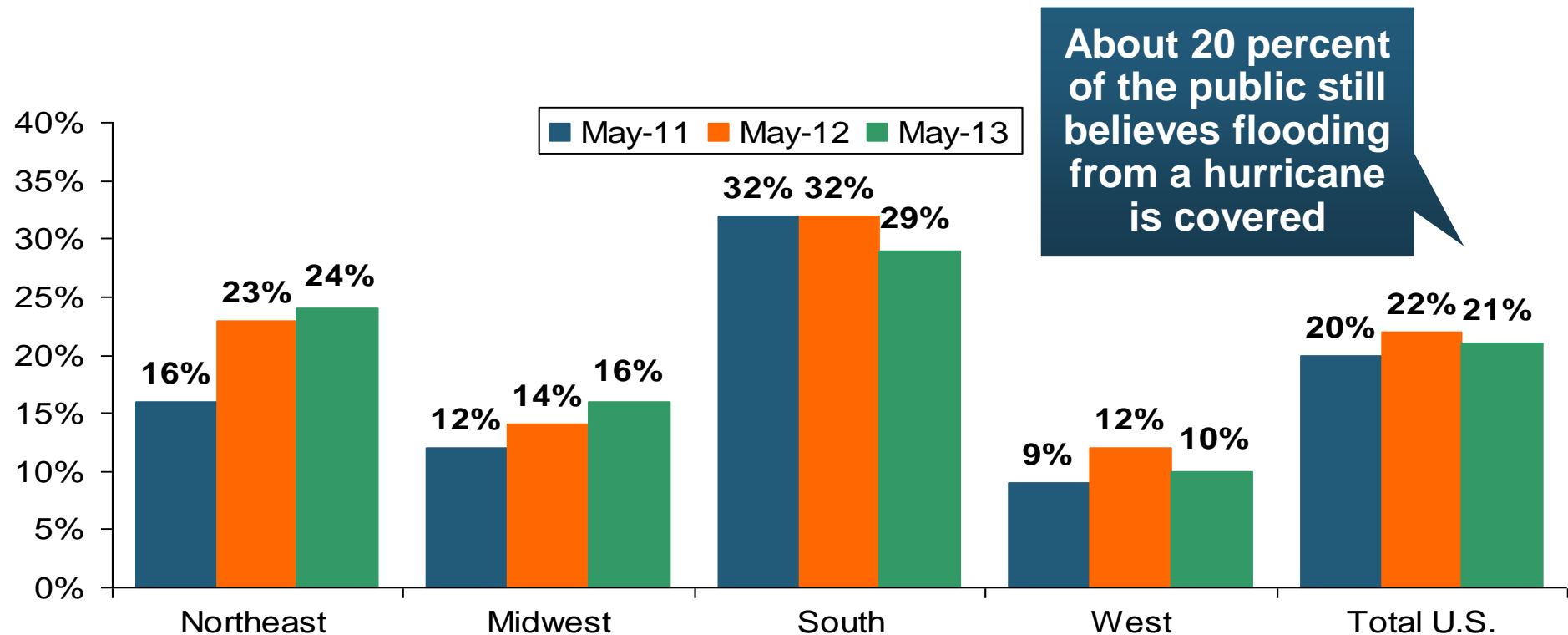
[% Responding “NO”]



More than one-half of Americans do not think it is fair for the federal government to raise its flood insurance premiums to better reflect claims payouts.

I.I.I. Poll: Disaster Preparedness

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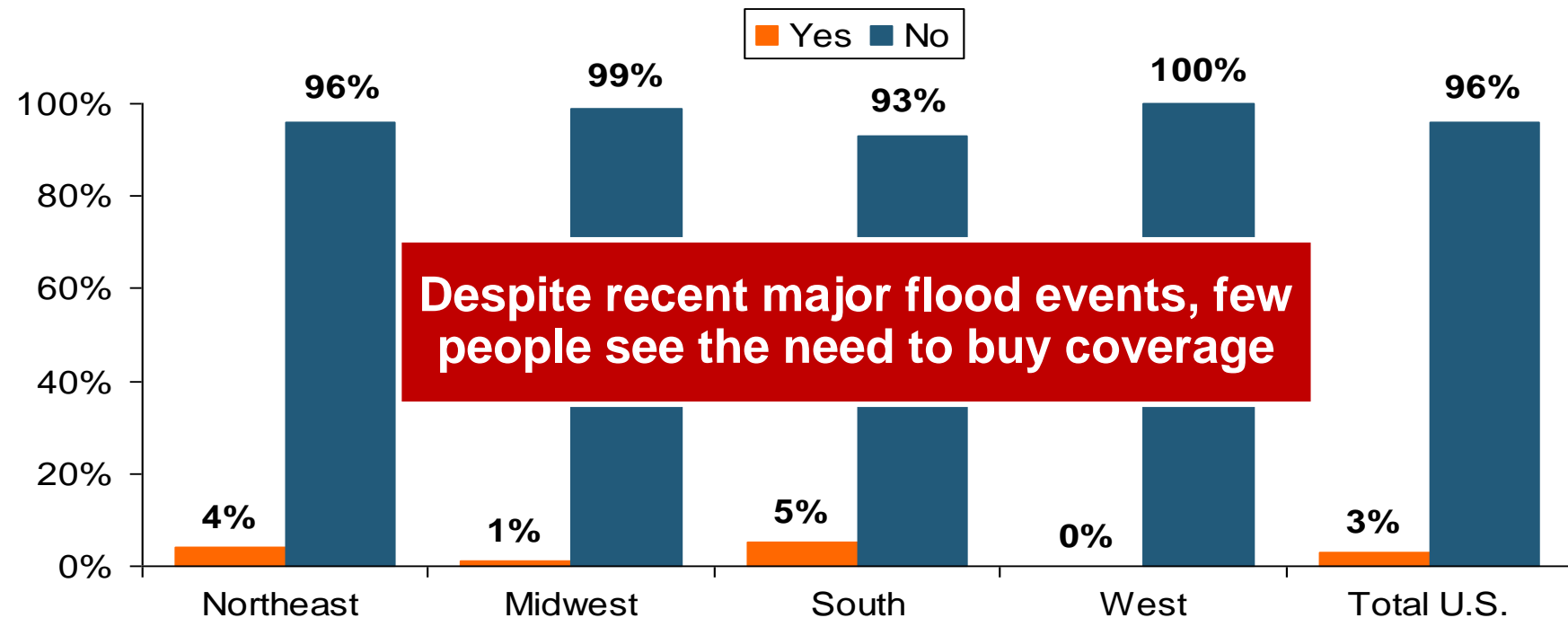


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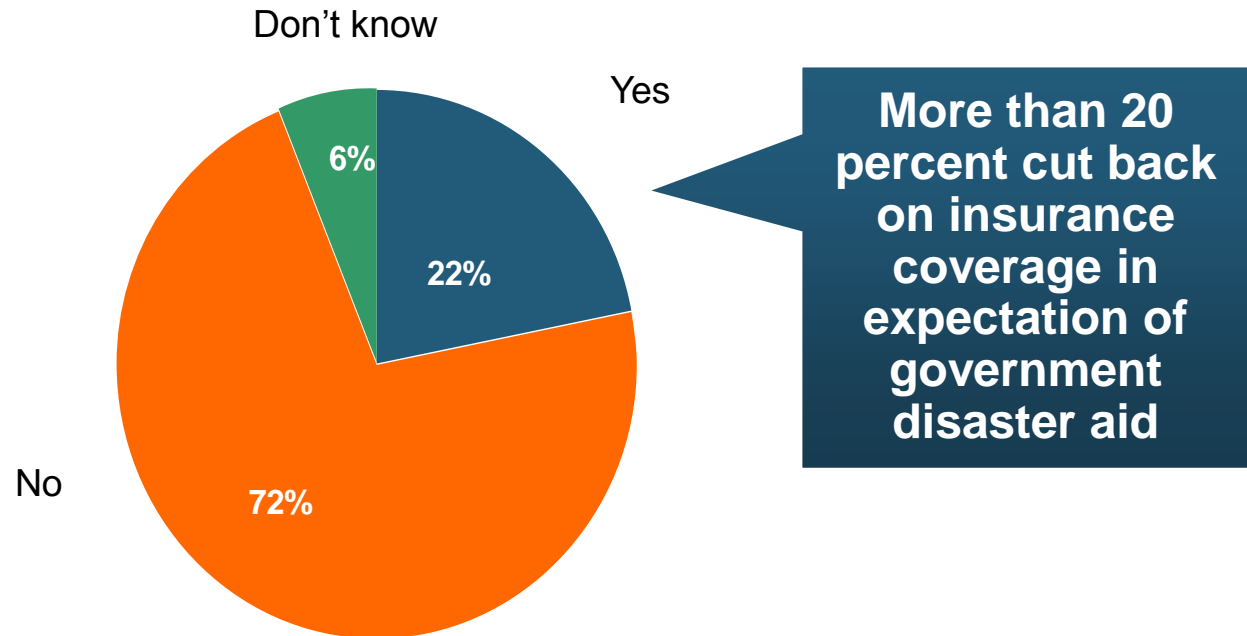


Recent storms have not motivated people to buy flood insurance coverage

¹Asked of those who have homeowners insurance but not flood insurance.

I.I.I. Poll: Disaster Preparedness

Q. If you expect some relief from the government, do you purchase less insurance coverage against these natural disasters than you would have otherwise?



Seventy-two percent of Americans would not purchase less insurance if they expect some relief from the government—but 22% would.

Terrorism Update

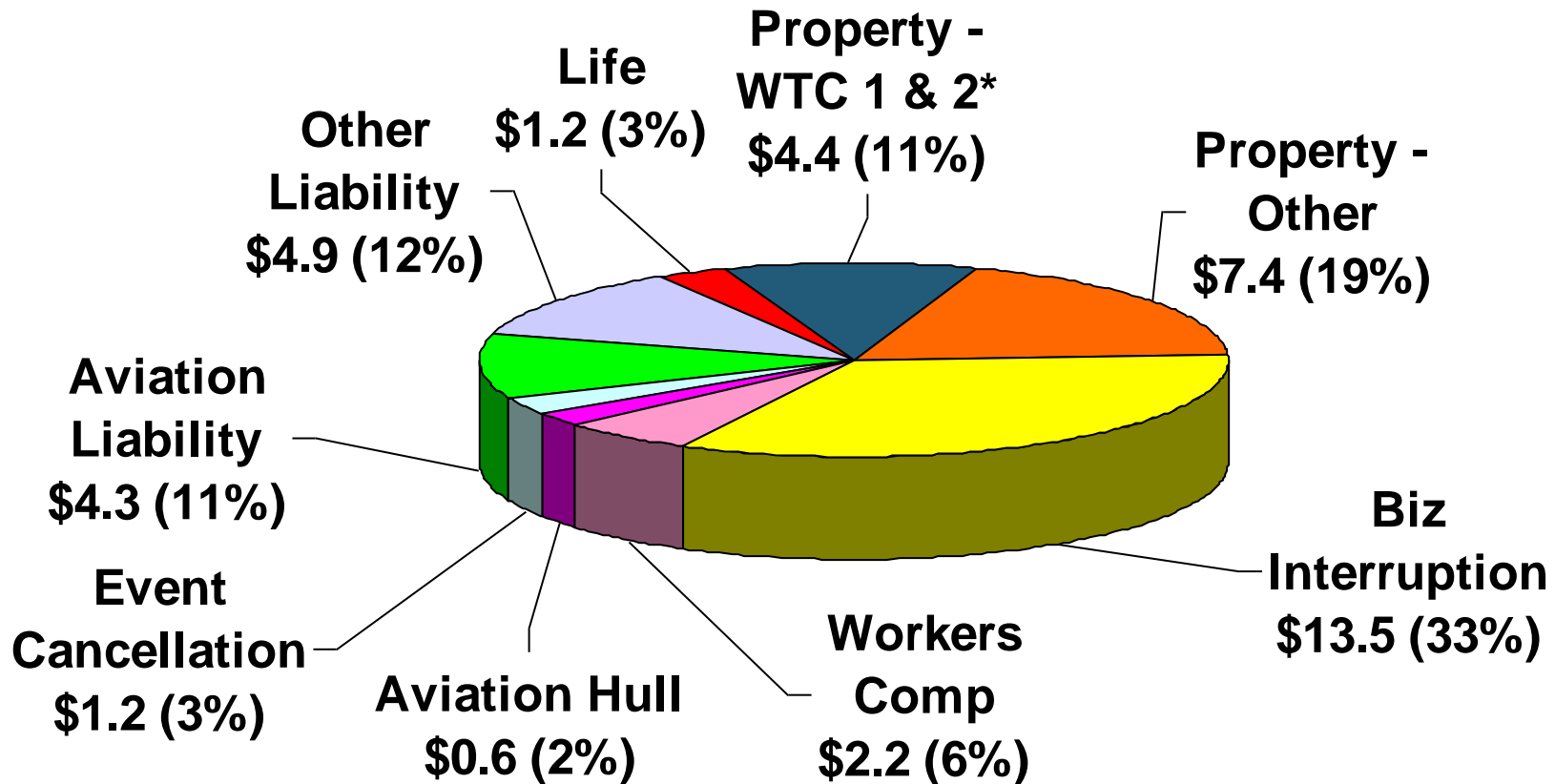
TRIA's Success

Consequences of Expiration

Download III's Terrorism Insurance Report at:
http://www.iii.org/white_papers/terrorism-risk-a-constant-threat-2014.html

Loss Distribution by Type of Insurance from Sept. 11 Terrorist Attack (\$ 2013)

(\$ Billions)



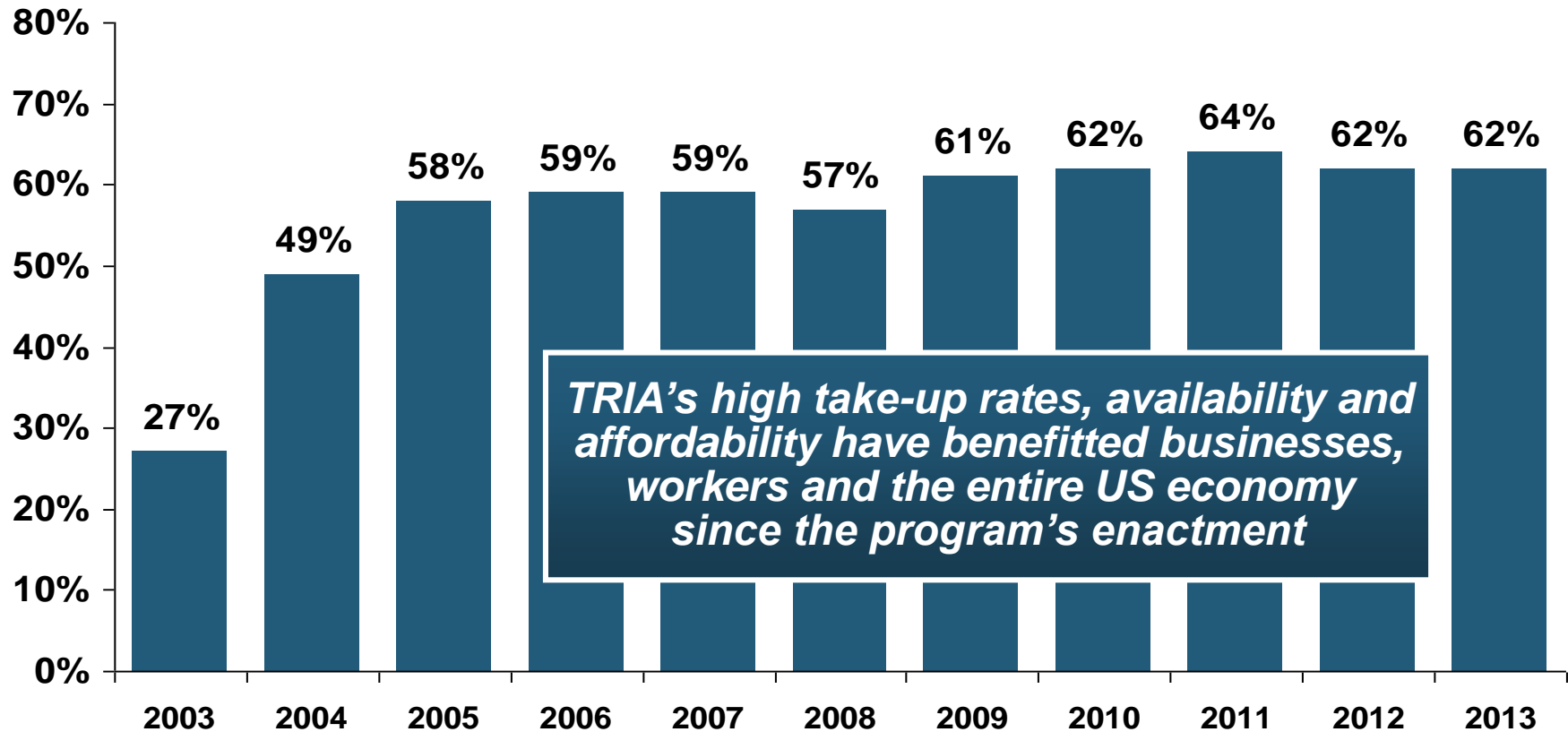
Total Insured Losses Estimate: \$42.9B**

*Loss total does not include March 2010 New York City settlement of up to \$657.5 million to compensate approximately 10,000 Ground Zero workers or any subsequent settlements.

**\$32.5 billion in 2001 dollars.

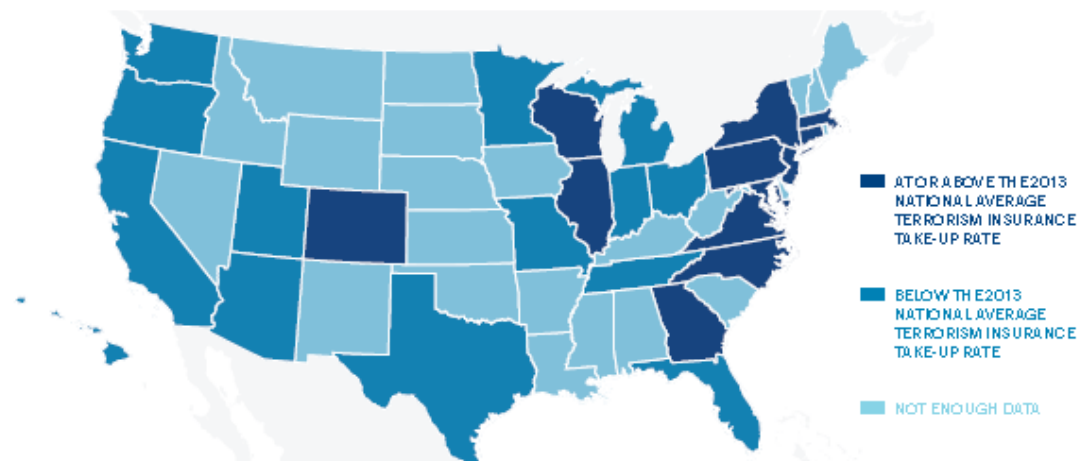
Source: Insurance Information Institute.

Terrorism Insurance Take-up Rates, By Year, 2003-2013



In 2003, the first year TRIA was in effect, the terrorism take-up rate was 27 percent. Since then, it has increased steadily, remaining in the low 60 percent range since 2009.

Terrorism Insurance Take-Up Rates by State for 2013*



The overall US take-up rate for terrorism coverage was 62% in 2013 and ranged from a lows of 41% in Michigan to a high of 84% in Massachusetts (where demand likely increased due to the April 2013 Boston Marathon bombing)

ARIZONA	CALIFORNIA	COLORADO	CONNECTICUT	DISTRICT OF COLUMBIA	FLORIDA
53%	56%	62%	71%	79%	47%
GEORGIA	HAWAII	ILLINOIS	INDIANA	MARYLAND	MASSACHUSETTS
73%	36%	73%	42%	81%	84%
MICHIGAN	MINNESOTA	MISSOURI	NEW JERSEY	NEW YORK	NORTH CAROLINA
41%	57%	50%	79%	80%	62%
OHIO	OREGON	PENNSYLVANIA	TENNESSEE	TEXAS	UTAH
44%	45%	74%	61%	54%	47%
VIRGINIA	WASHINGTON	WISCONSIN			
77%	60%	80%			

The 27 states listed met the minimum threshold of available 2013 peer data.

*Data for 27 states with sufficient data.

Source: Marsh 2014 Terrorism Risk Insurance Report; Insurance Information Institute.

I.I.I. White Paper (March 2014): *Terrorism Risk: A Constant Threat*



TERRORISM RISK: A CONSTANT THREAT

Impacts for Property/Casualty Insurers

MARCH 2014

Robert P. Hartwig, Ph.D., CPCU
President
(212) 348-6520
bobh@iii.org

Claire Wilkinson
Consultant
(817) 459-6497
claire.w@iii.org

- Detailed history of TRIA
- How TRIA works
- Assessing the threat of terrorism
- Terrorism market conditions
- Global perspective
- Download at http://www.iii.org/white_papers/terrorism-risk-a-constant-threat-2014.html

Terrorism Risk Insurance Program

- Testified before House Financial Services Nov. 2013
- Testified before Senate Banking Cmte. in Sept. 2013
- Provided testimony at NYC hearing in June 2013
- Provided Capitol Hill Joint House/Senate Staff Briefing in April 2014
- I.I.I. Published Several Updates to its Study on Terrorism Risk and Insurance



Senate Banking Committee, 9/25/13



House Financial Services
Subcommittee, 11/13/13

Summary of President's Working Group Report on TRIA (April 2014)

- Insurance for terrorism risk is available and affordable
 - ◆ Availability/affordability have not changed appreciably since 2010
- Prices for terrorism risk insurance vary considerably depending on the policyholder's industry and location of risk
- Prices have declined since TRIA was enacted
 - ◆ Currently ~3% to 5% of commercial property insurance premiums
- Take-up rates have improved since adoption of TRIA
 - ◆ Overall take-up rate is steady at ~60% (62% in 2013 per Marsh)
- *Market capacity is currently tightening given uncertainty over TRIA reauthorization*
- *The private market does not have the capacity to provide reinsurance for terror risk to the extent currently provided by TRIA*
- *In the absence of TRIA, terrorism risk insurance would likely be less available. Coverage that would be available likely would be more costly and/or limited in scope*

CAT OF THE FUTURE? *CYBER RISK*

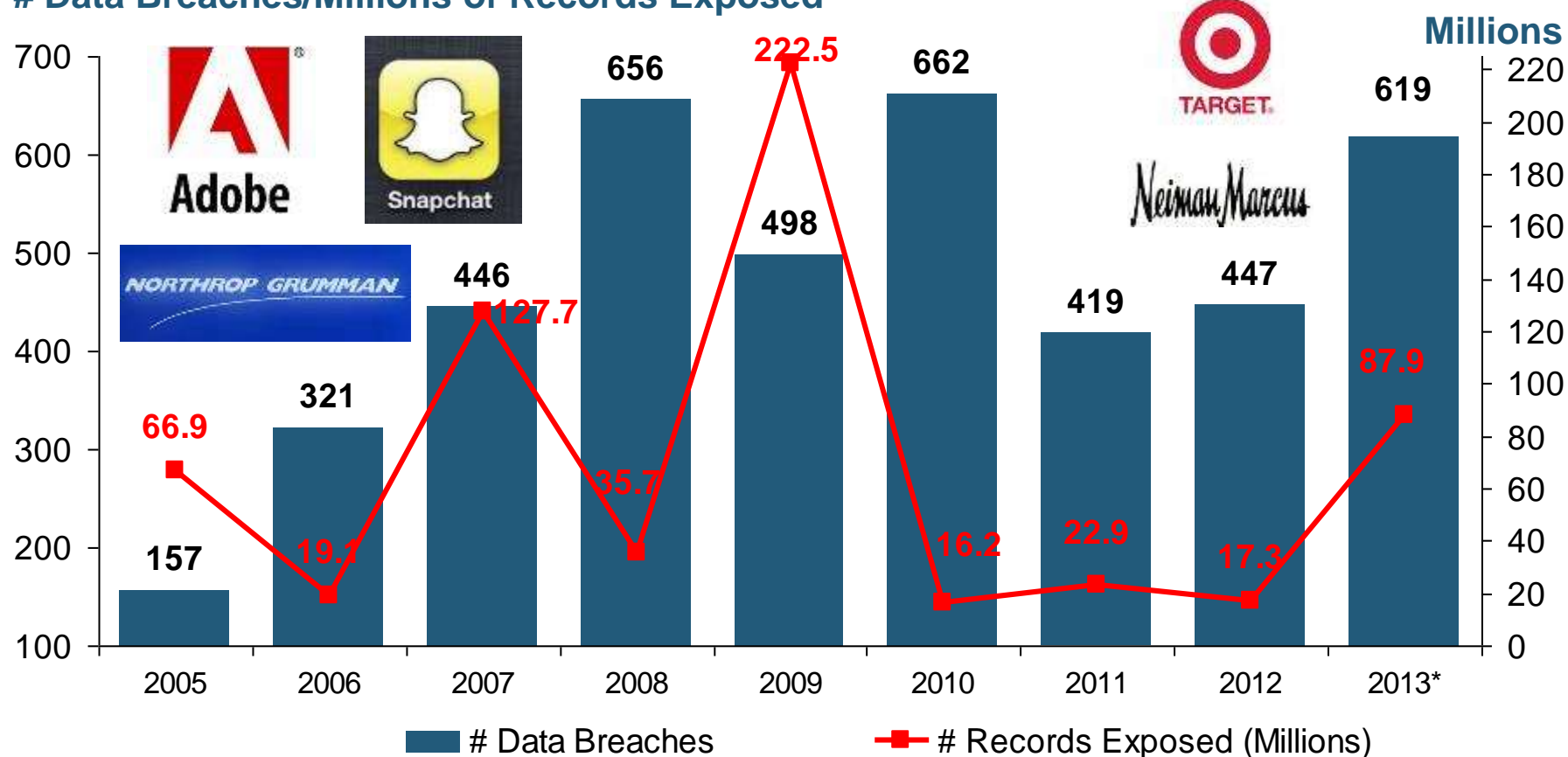
**Cyber Risk is a Rapidly Emerging
Exposure for Businesses Large
and Small in Every Industry**

NEW III White Paper:

http://www.iii.org/assets/docs/pdf/paper_CyberRisk_2013.pdf

Data Breaches 2005-2013, by Number of Breaches and Records Exposed

Data Breaches/Millions of Records Exposed

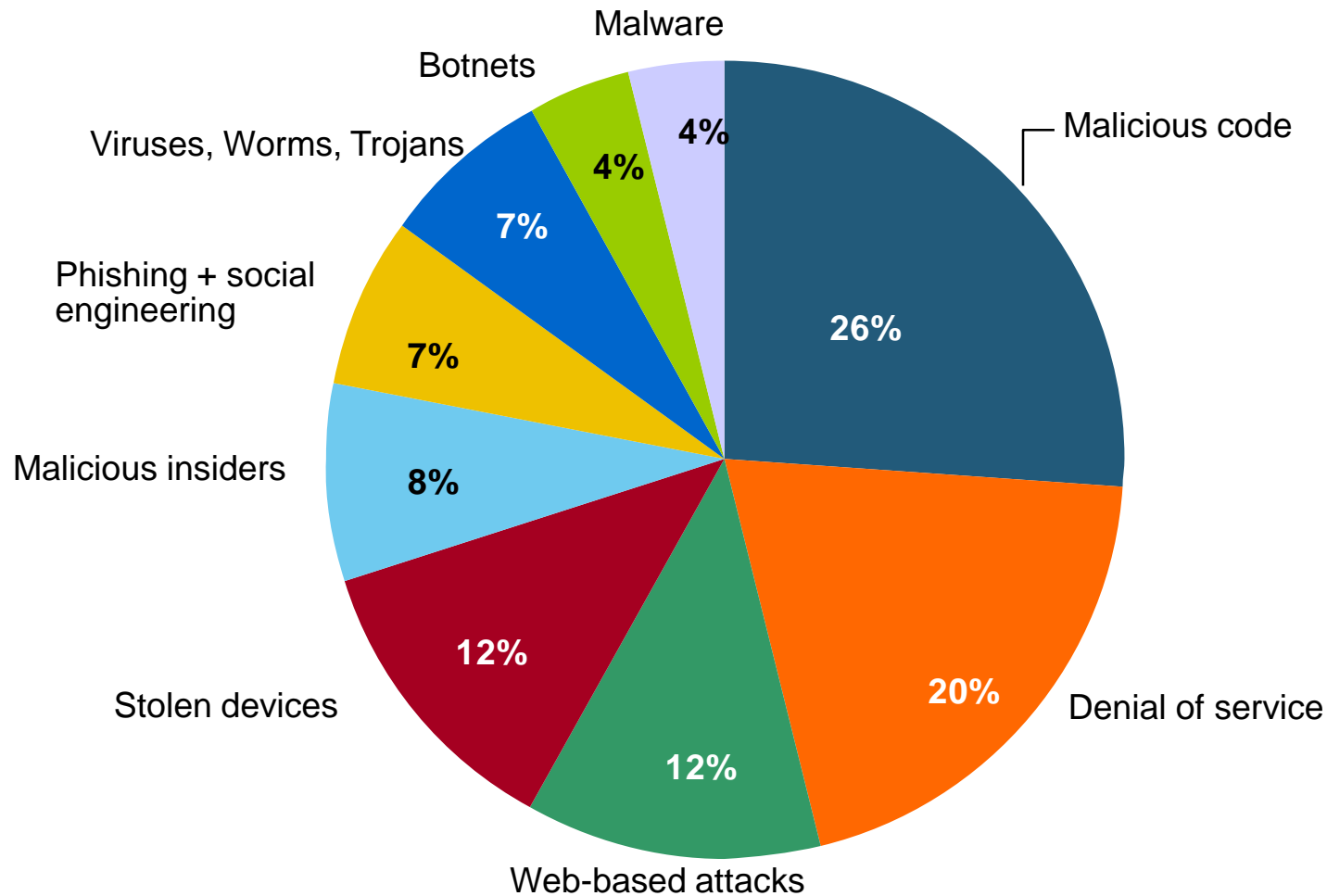


The Total Number of Data Breaches (+38%) and Number of Records Exposed (+408%) in 2013 Soared

* 2013 figures as of Jan. 1, 2014 from the ITRC updated to an additional 30 million records breached (Target) as disclosed in Jan. 2014.
Source: Identity Theft Resource Center.

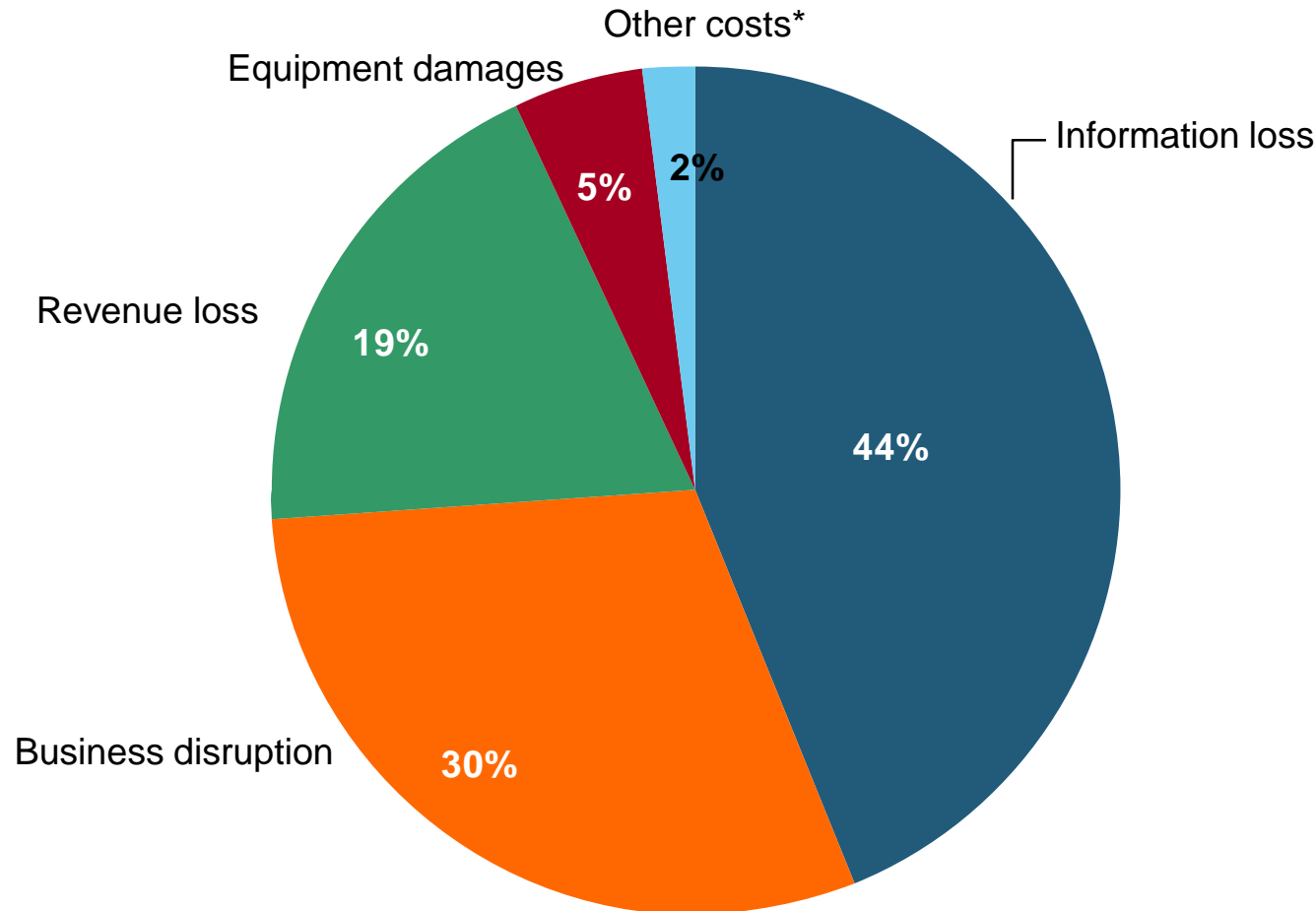
The Most Costly Cyber Crimes, Fiscal Year 2012

Malicious code, denial of service and web-based attacks account for more than 58 percent of the total annualized cost of cyber crime experienced by 56 companies.



External Cyber Crime Costs: Fiscal Year 2012

Information loss (44%) and business disruption or lost productivity (30%) account for the majority of external costs due to cyber crime.



* Other costs include direct and indirect costs that could not be allocated to a main external cost category

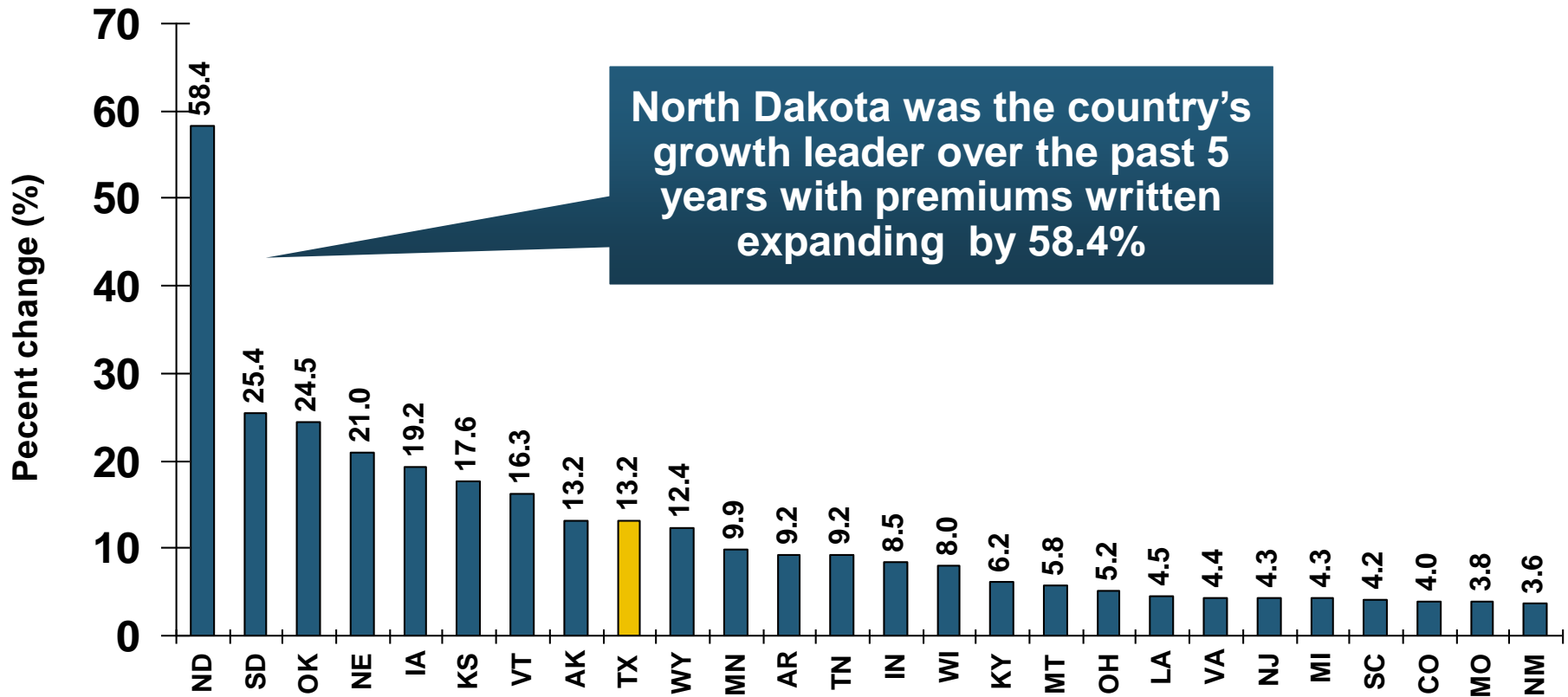
Source: 2012 Cost of Cyber Crime: United States, Ponemon Institute.

Growth Analysis by State and Business Segment

**Premium Growth Rates Vary
Tremendously by State**

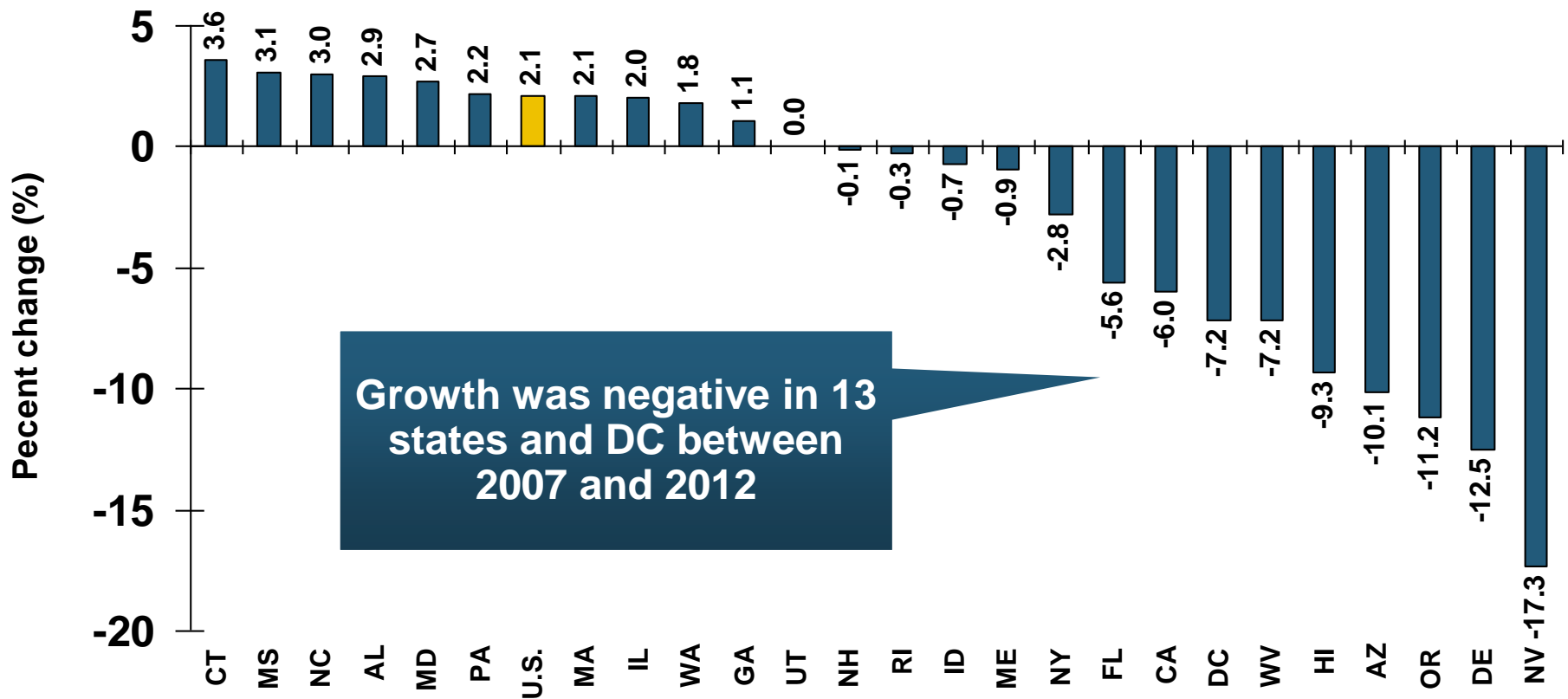
Direct Premiums Written: Total P/C Percent Change by State, 2007-2012*

Top 25 States



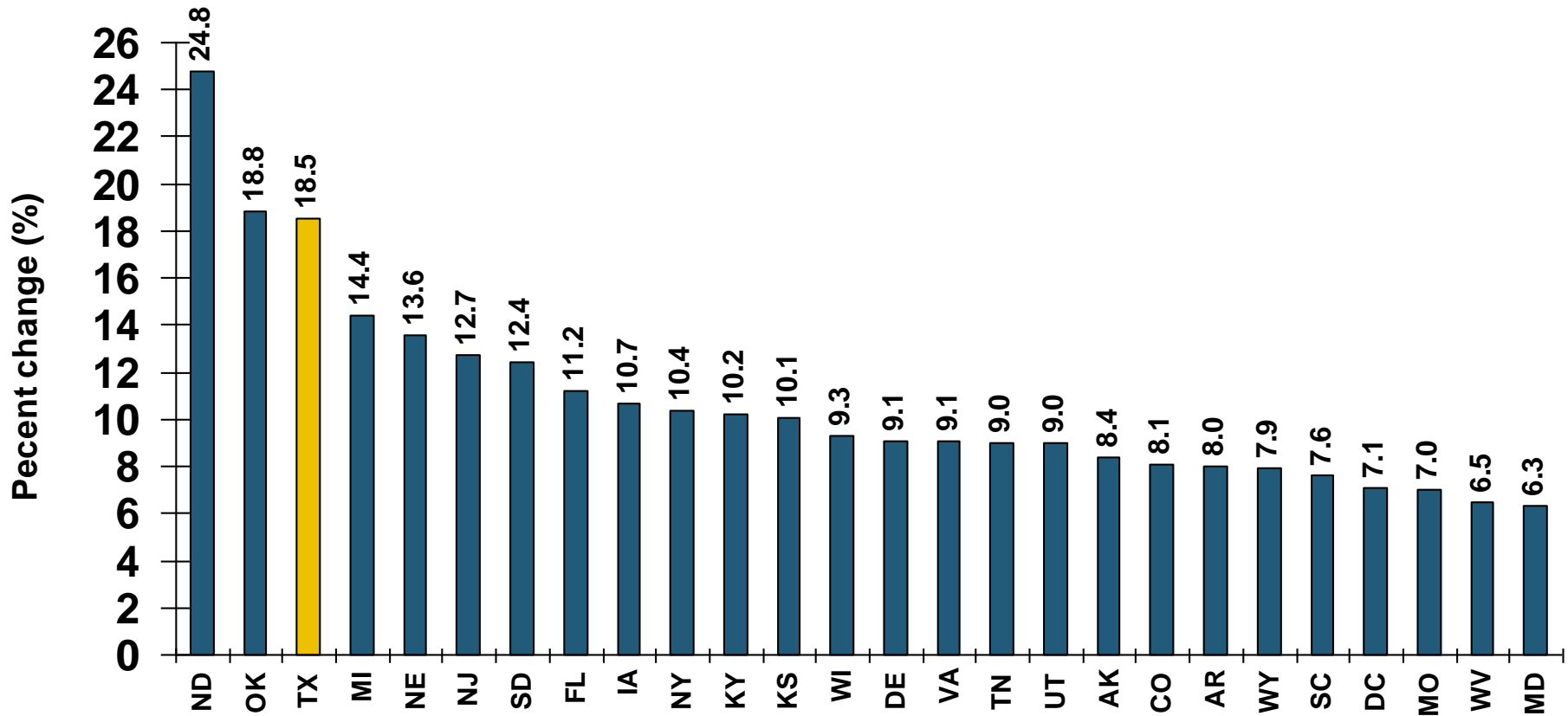
Direct Premiums Written: Total P/C Percent Change by State, 2007-2012*

Bottom 25 States



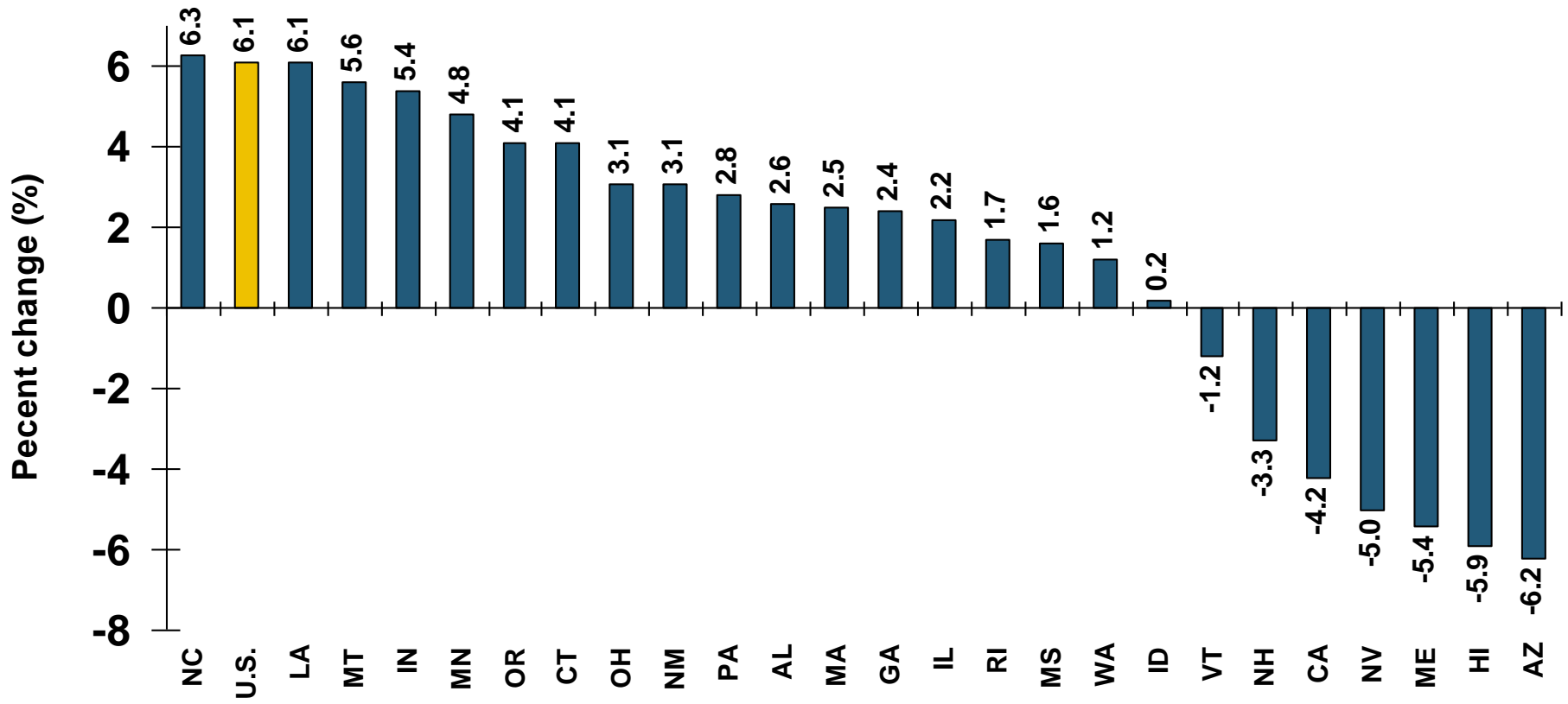
Direct Premiums Written: PP Auto Percent Change by State, 2007-2012*

Top 25 States



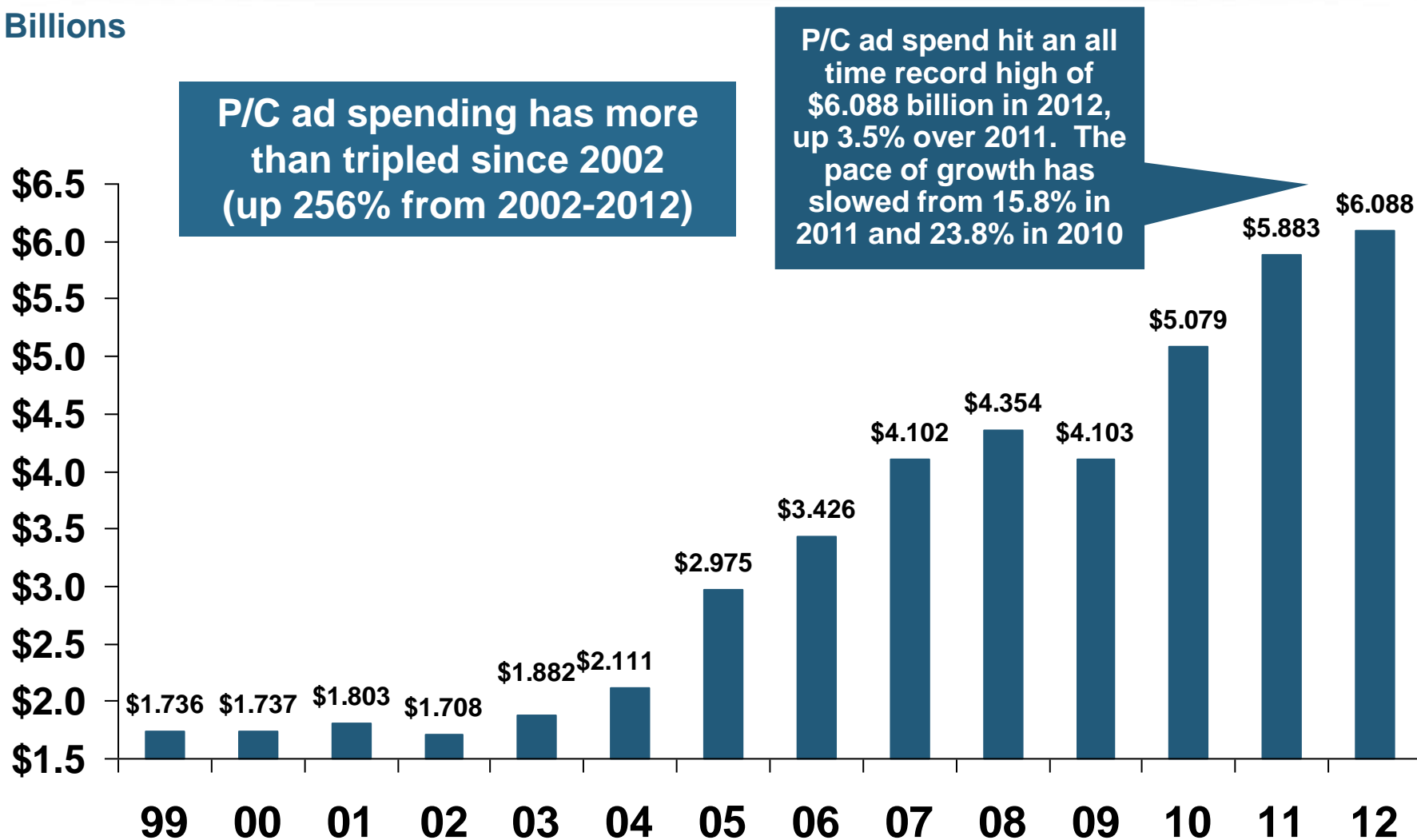
Direct Premiums Written: PP Auto Percent Change by State, 2007-2012*

Bottom 25 States



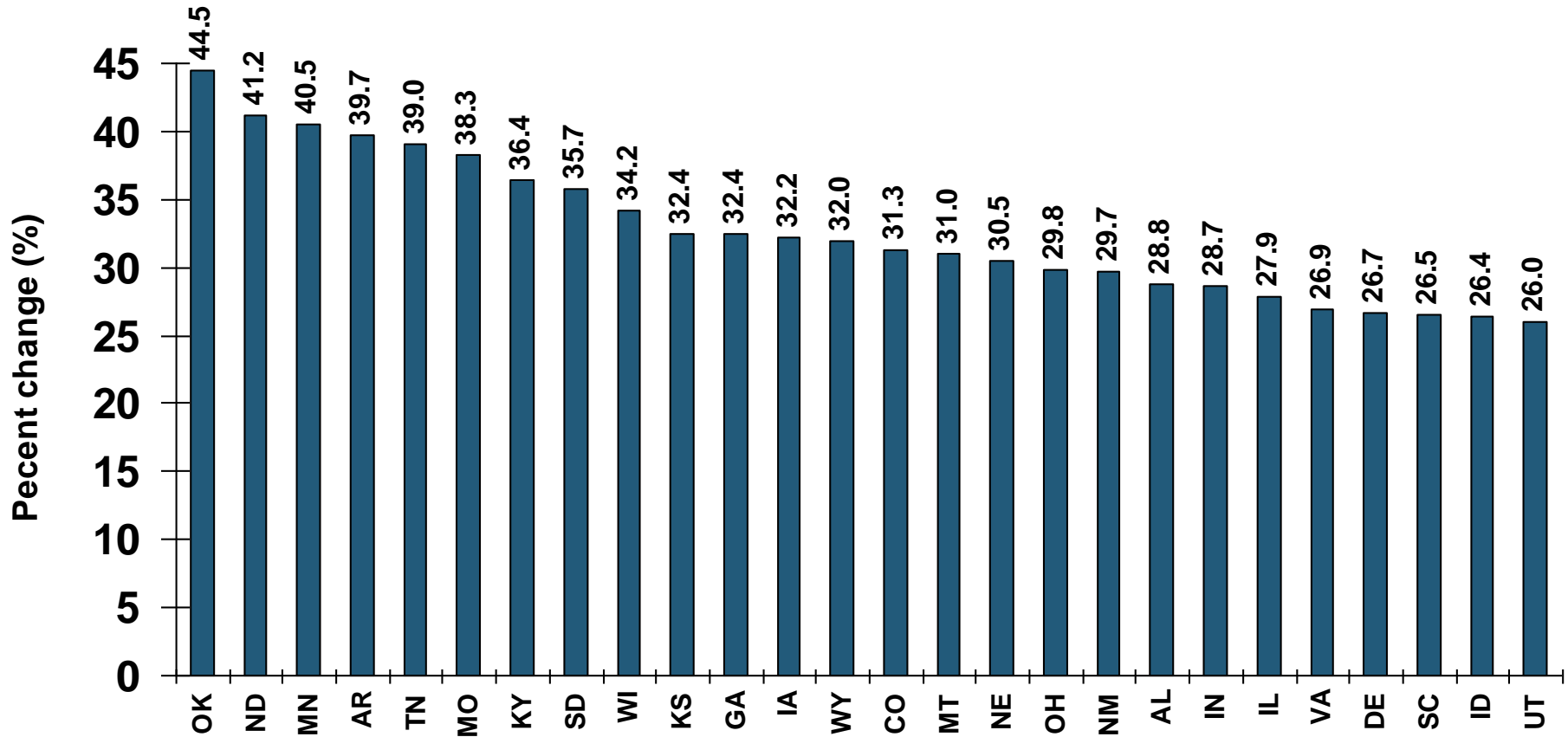
Advertising Expenditures by P/C Insurance Industry, 1999-2012

\$ Billions



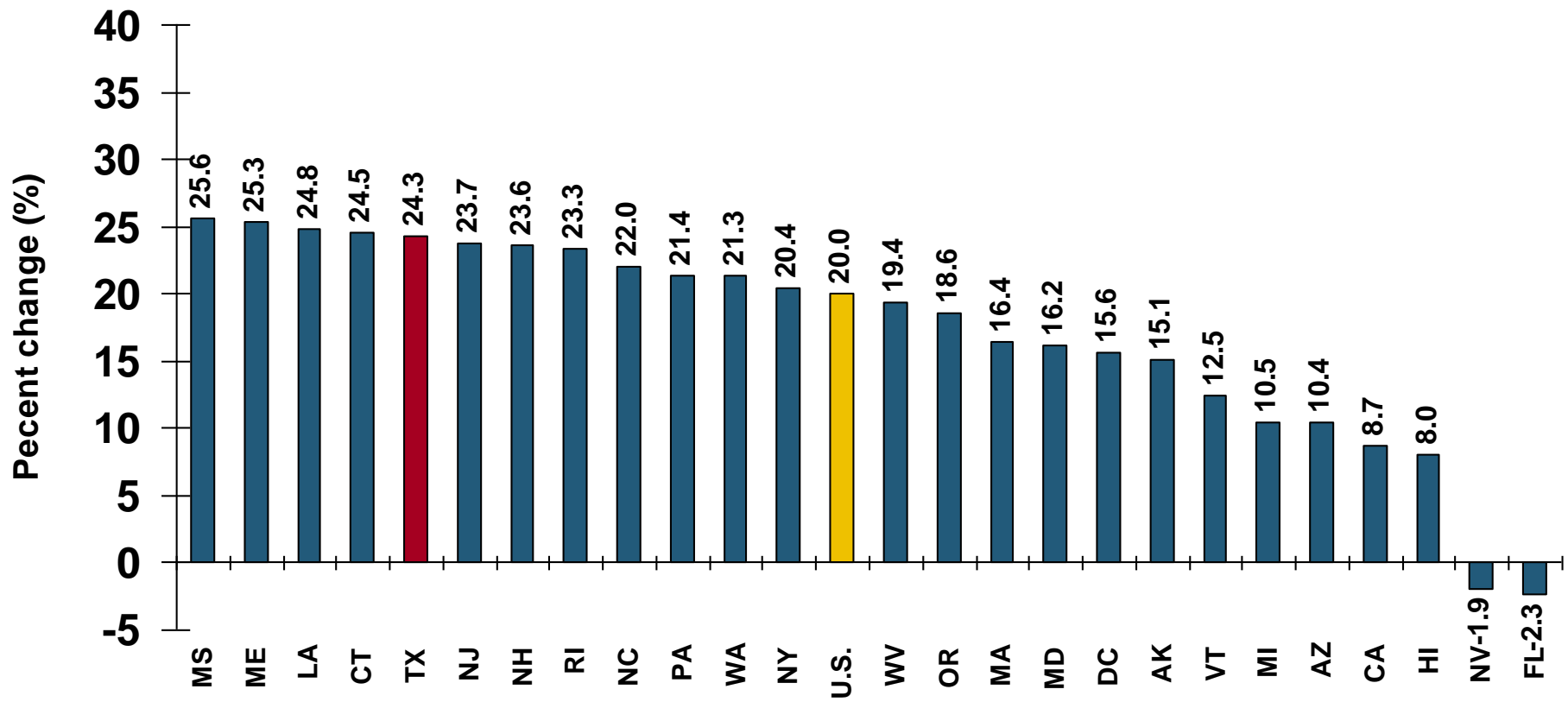
Direct Premiums Written: Homeowners Percent Change by State, 2007-2012*

Top 25 States



Direct Premiums Written: Homeowners Percent Change by State, 2007-2012*

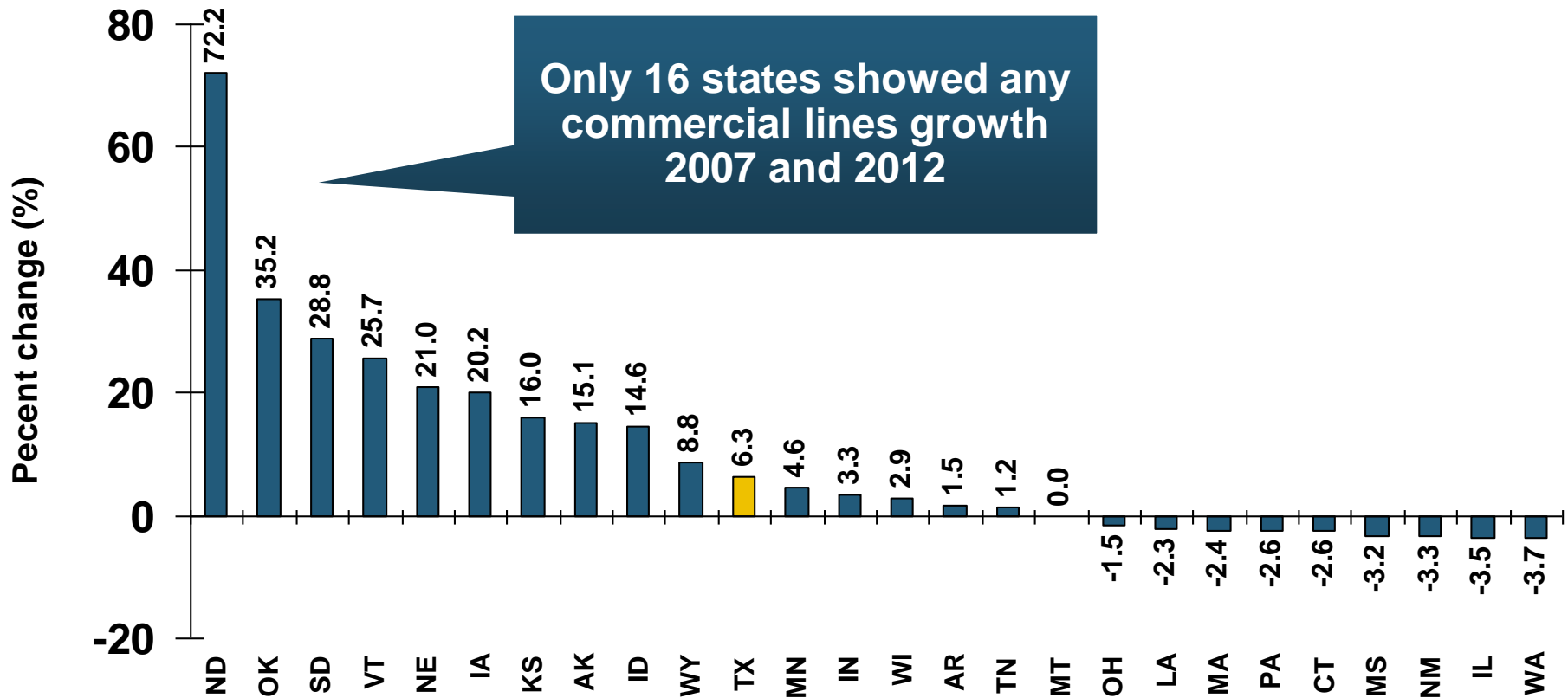
Bottom 25 States



Sources: SNL Financial LLC.; Insurance Information Institute.

Direct Premiums Written: Comm. Lines Percent Change by State, 2007-2012*

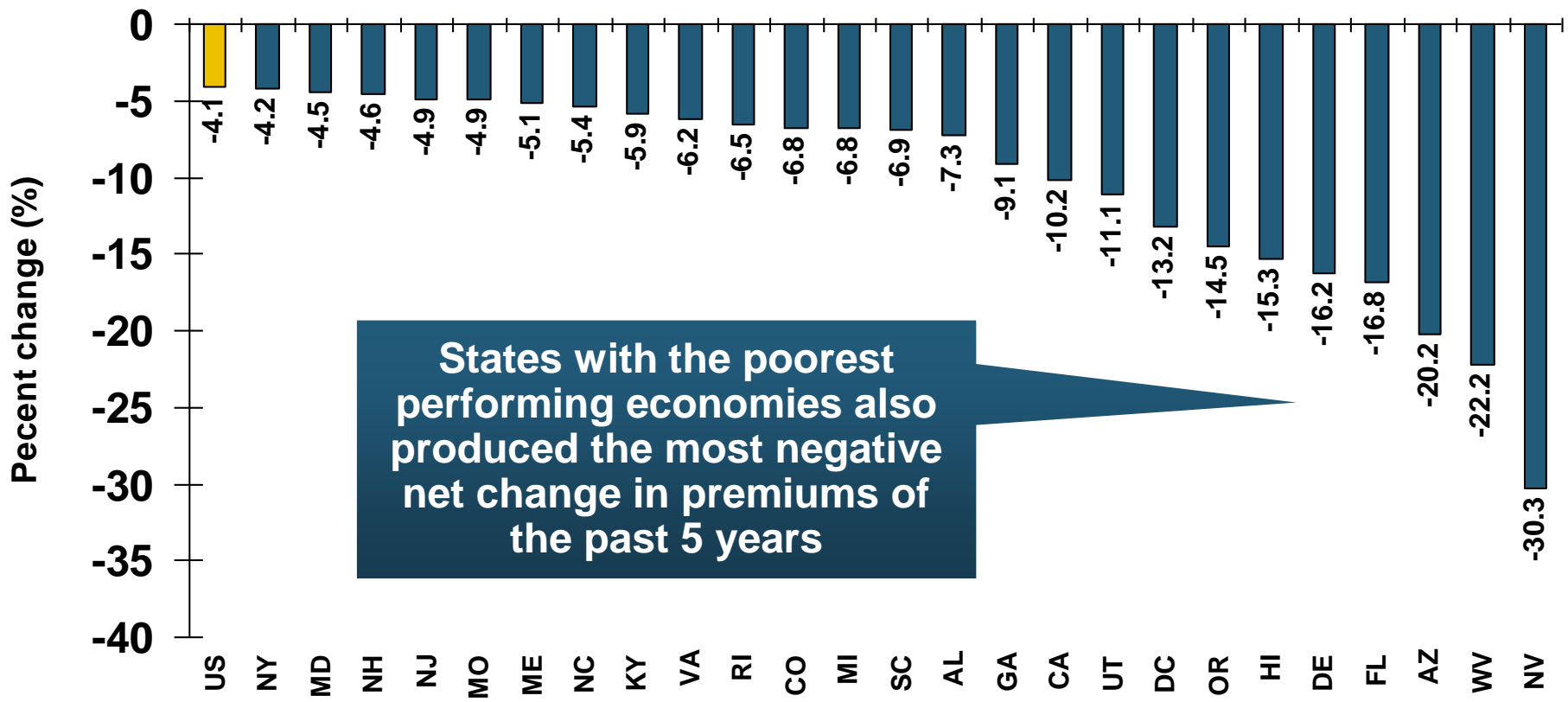
Top 25 States



Sources: SNL Financial LLC.; Insurance Information Institute.

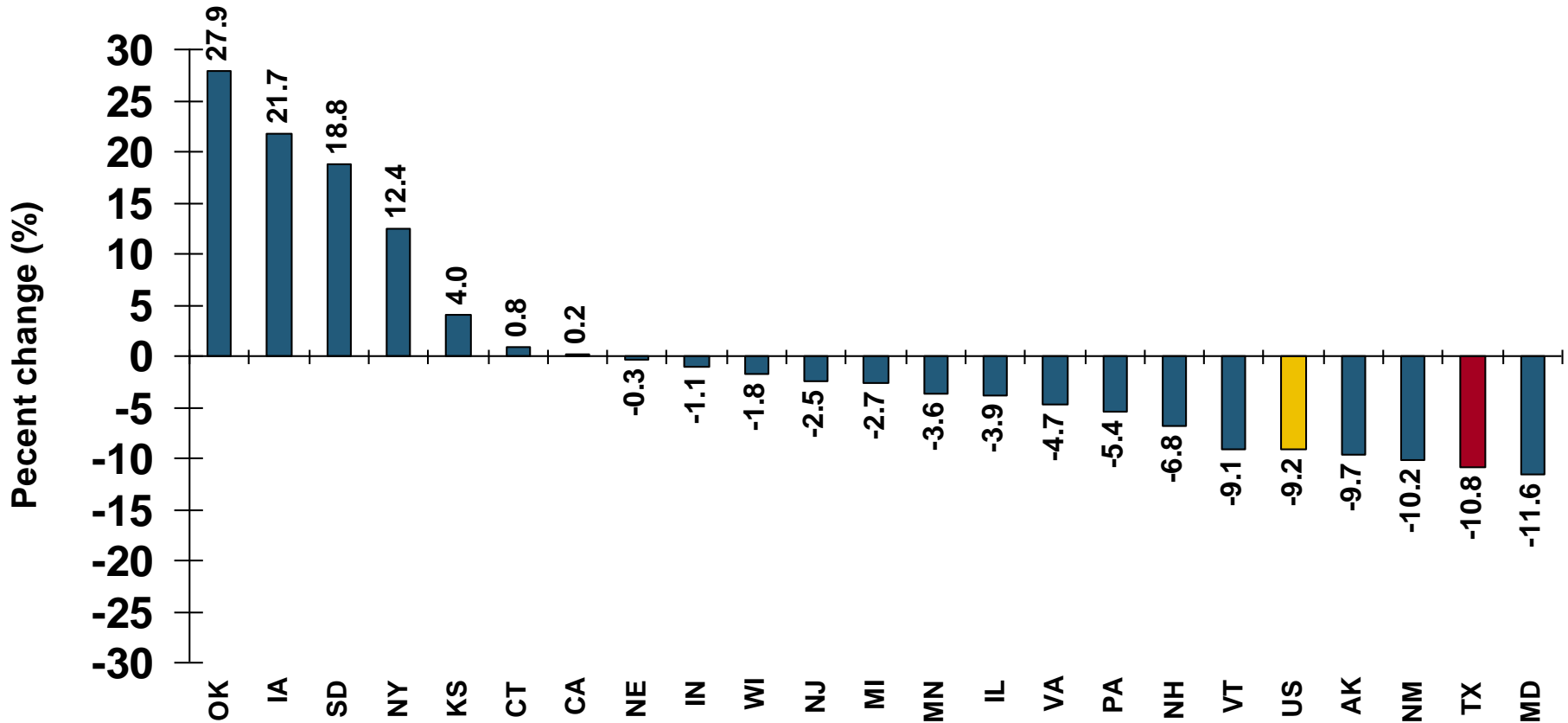
Direct Premiums Written: Comm. Lines Percent Change by State, 2007-2012*

Bottom 25 States



Direct Premiums Written: Workers' Comp Percent Change by State, 2007-2012*

Top 25 States

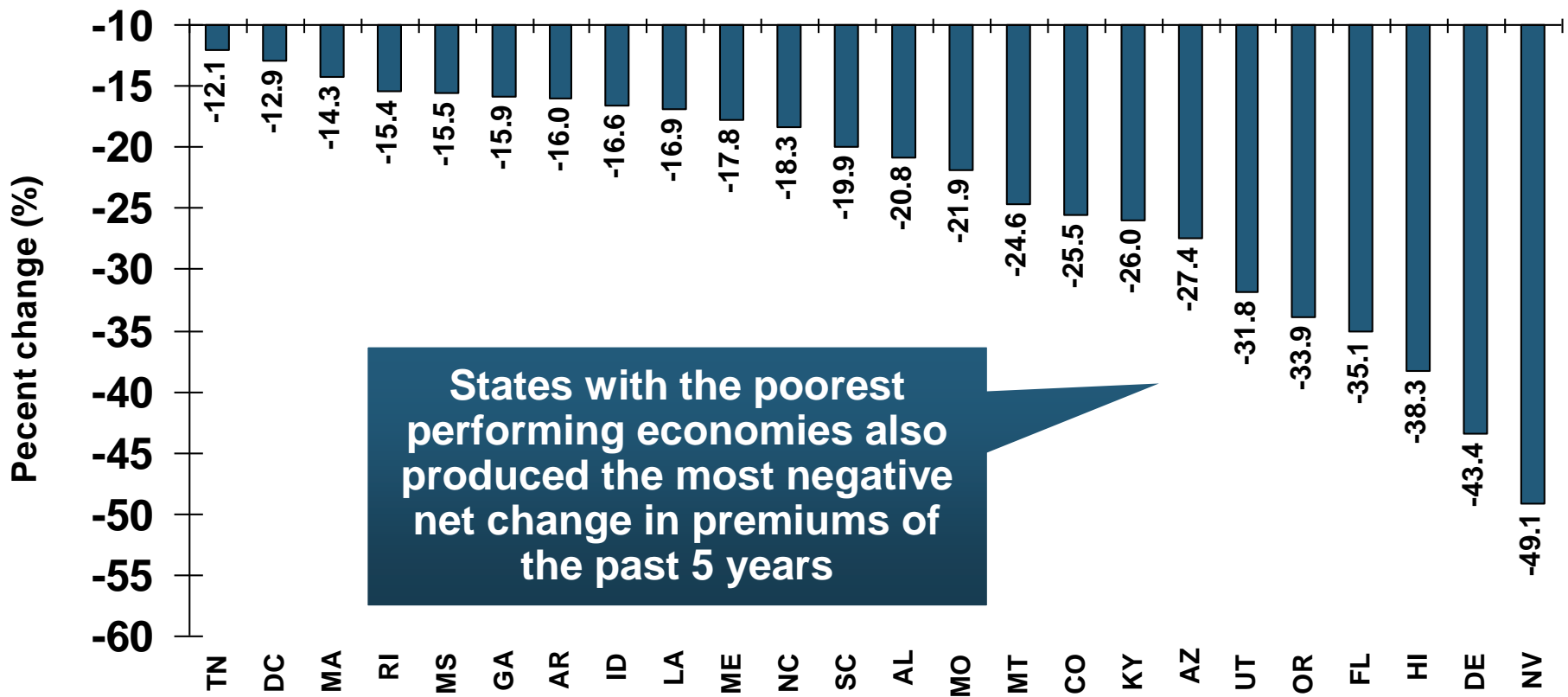


*Excludes monopolistic fund states: ND, OH, WA, WY as well as WV, which transitioned to a competitive structure during this period.

Sources: SNL Financial LC.; Insurance Information Institute.

Direct Premiums Written: Worker's Comp Percent Change by State, 2007-2012*

Bottom 25 States



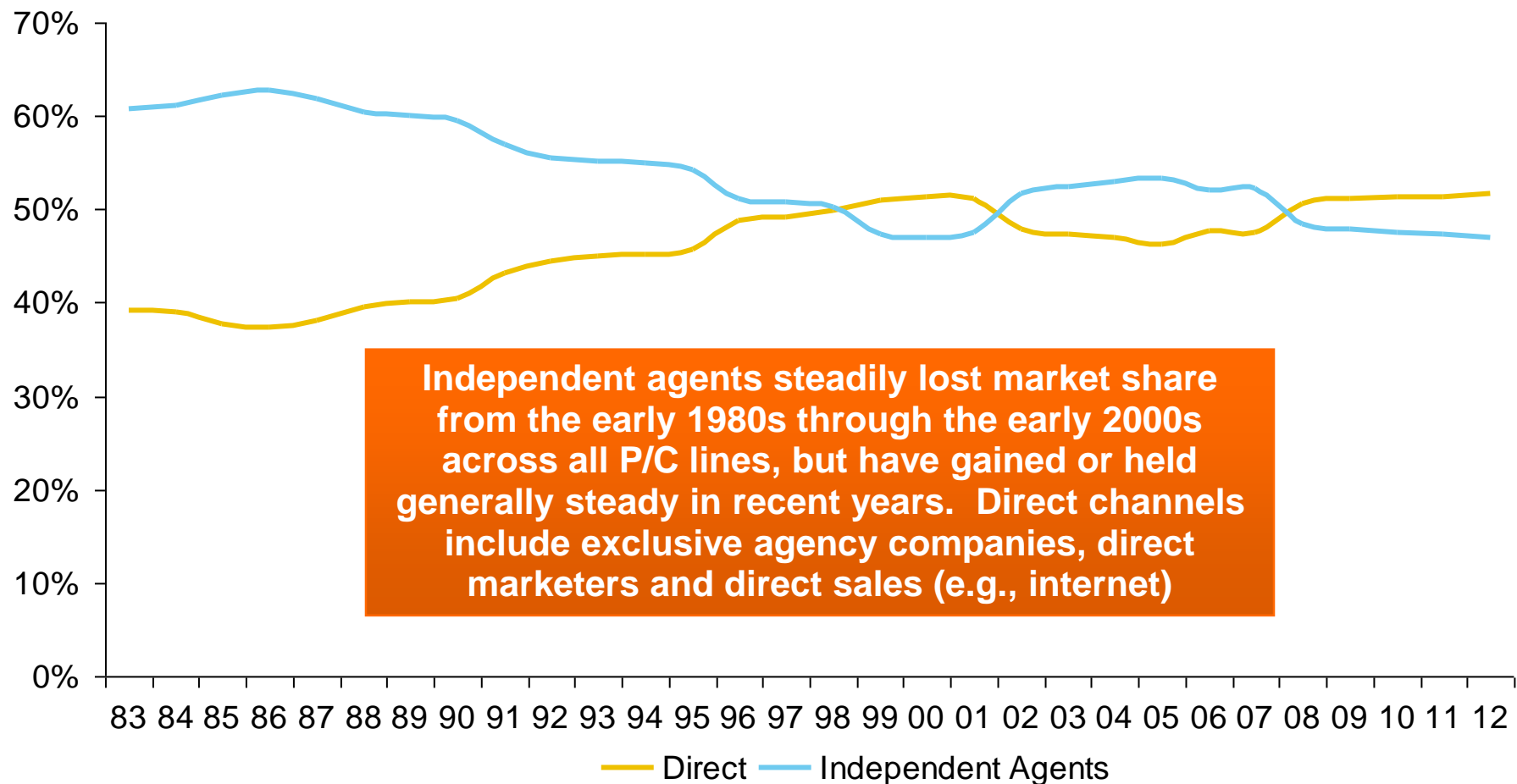
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Sources: SNL Financial LC.; Insurance Information Institute.

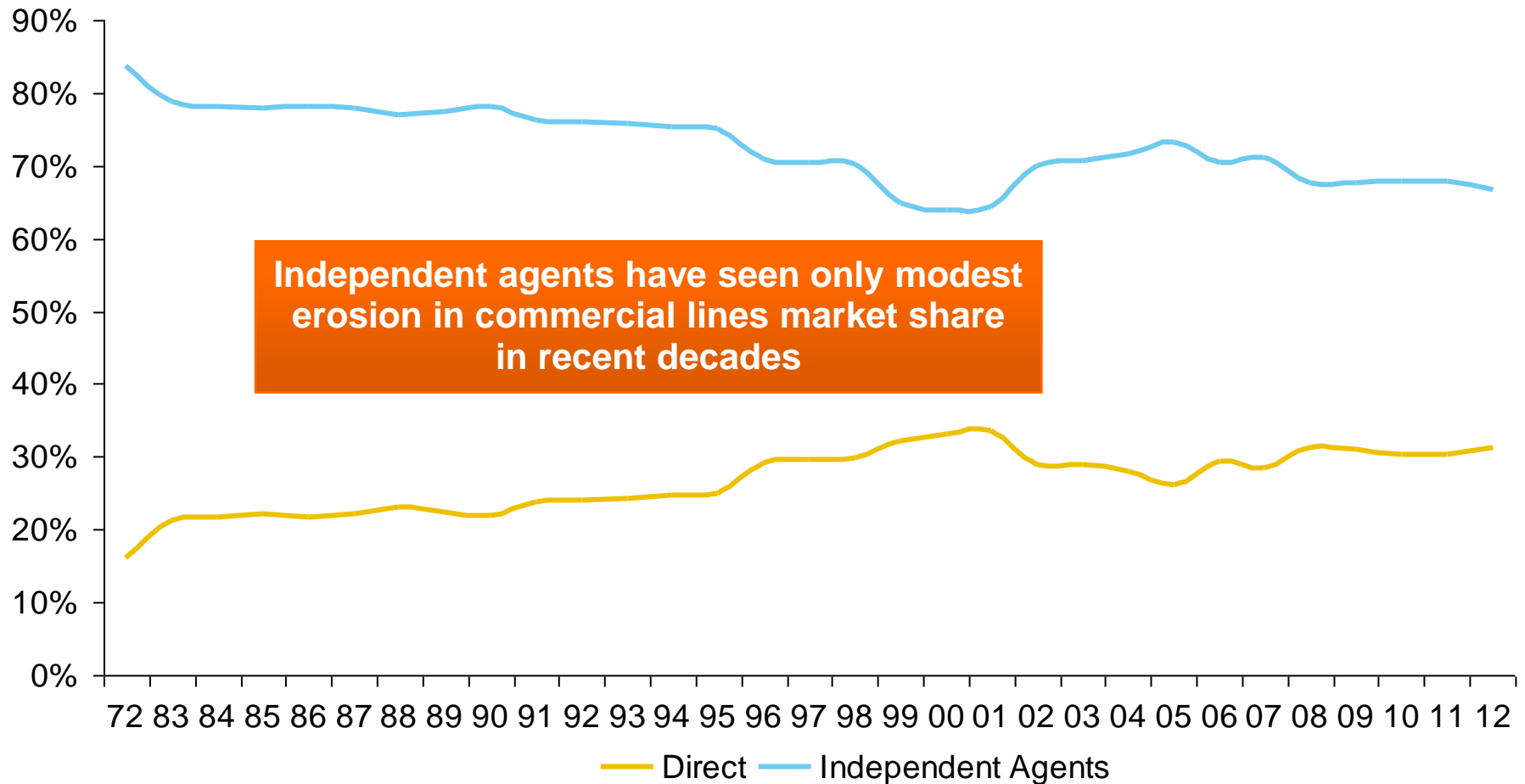
Distribution Trends

**Distribution by Channel Type
Continues to Evolve Around
the World**

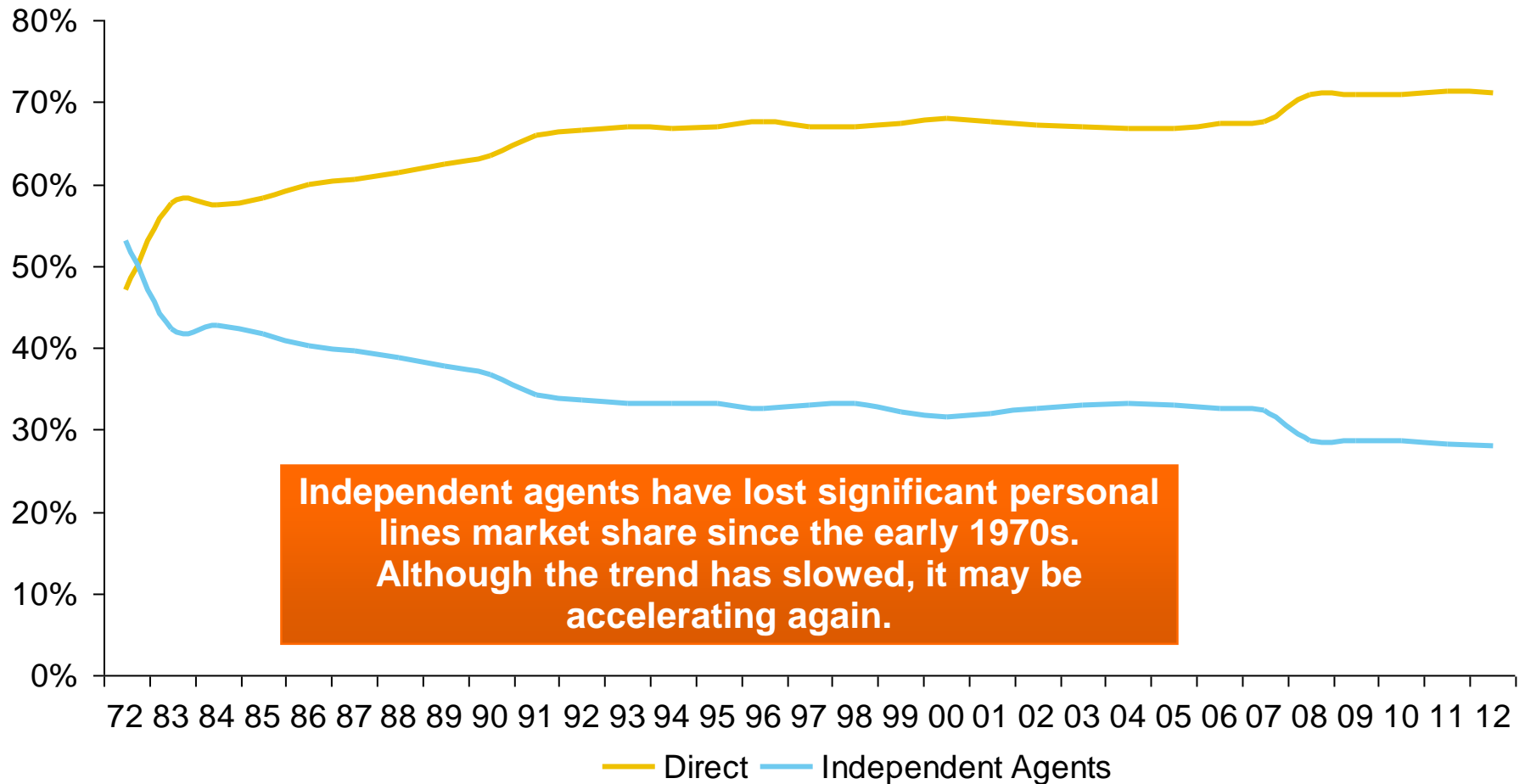
All P/C Lines Distribution Channels, Direct vs. Independent Agents



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



Personal Lines Distribution Channels, Direct vs. Independent Agents



The BIG Question: Where Is the Market Heading?

**Catastrophes and Other Factors Are
Pressuring Insurance Markets**

***New Factor: Record Low Interest
Rates Are Contributing to
Underwriting and Pricing Pressures***

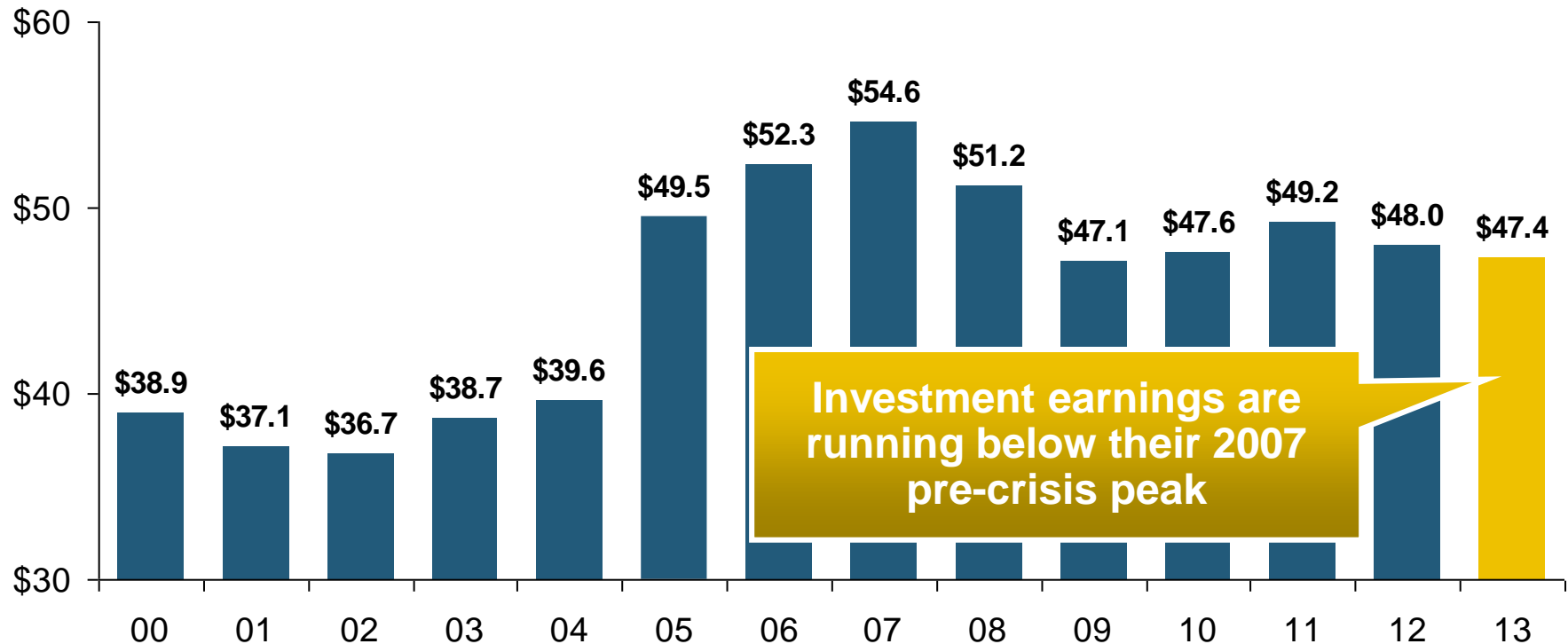
INVESTMENTS: THE NEW REALITY

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

***Depressed Yields Will Necessarily
Influence Underwriting & Pricing***

Property/Casualty Insurance Industry Investment Income: 2000–2013¹

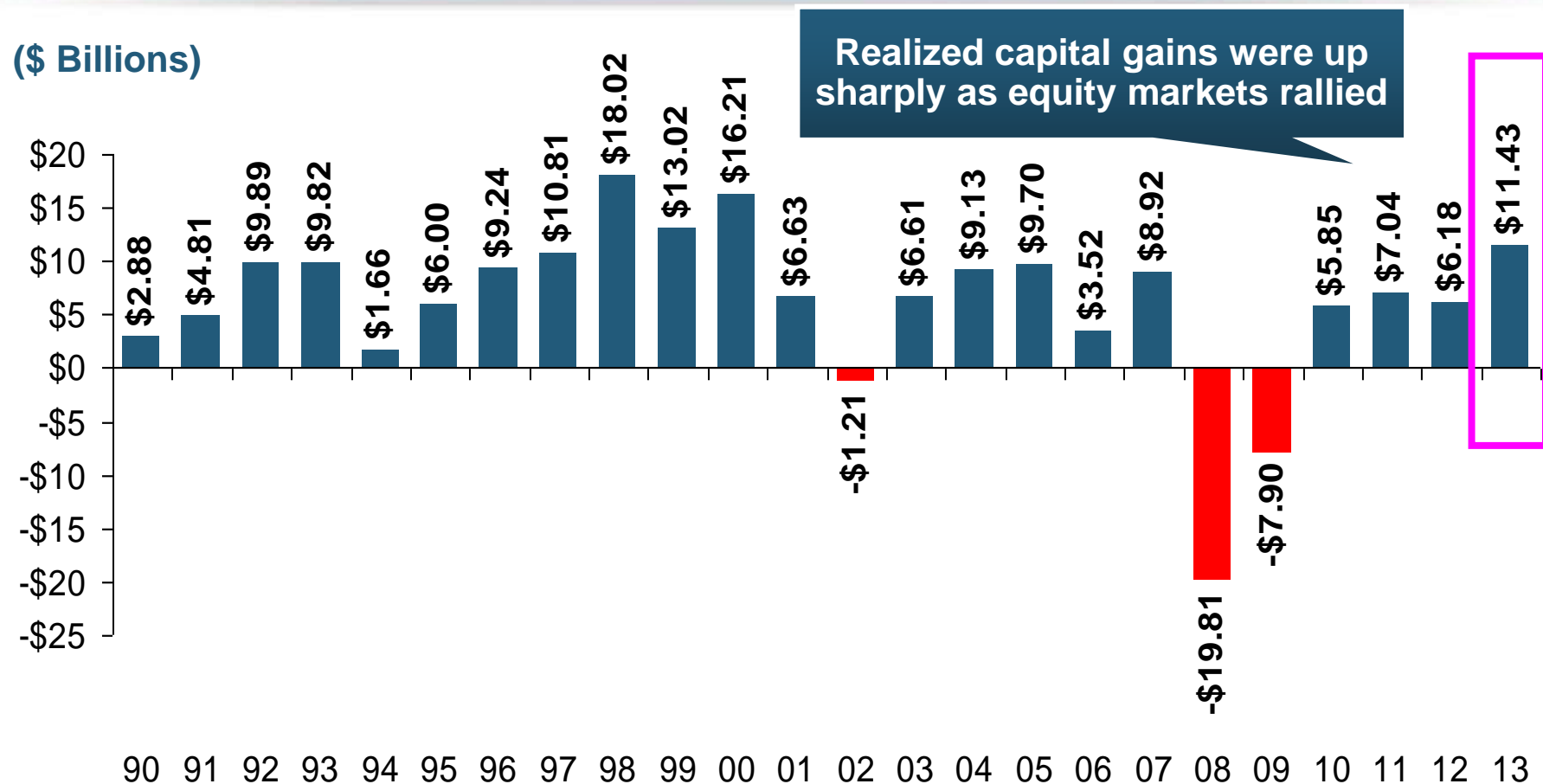
(\$ Billions)



Investment Income Fell in 2012 and 2013 Due to Persistently Low Interest Rates, Putting Additional Pressure on (Re) Insurance Pricing

¹ Investment gains consist primarily of interest and stock dividends...
Sources: ISO; Insurance Information Institute.

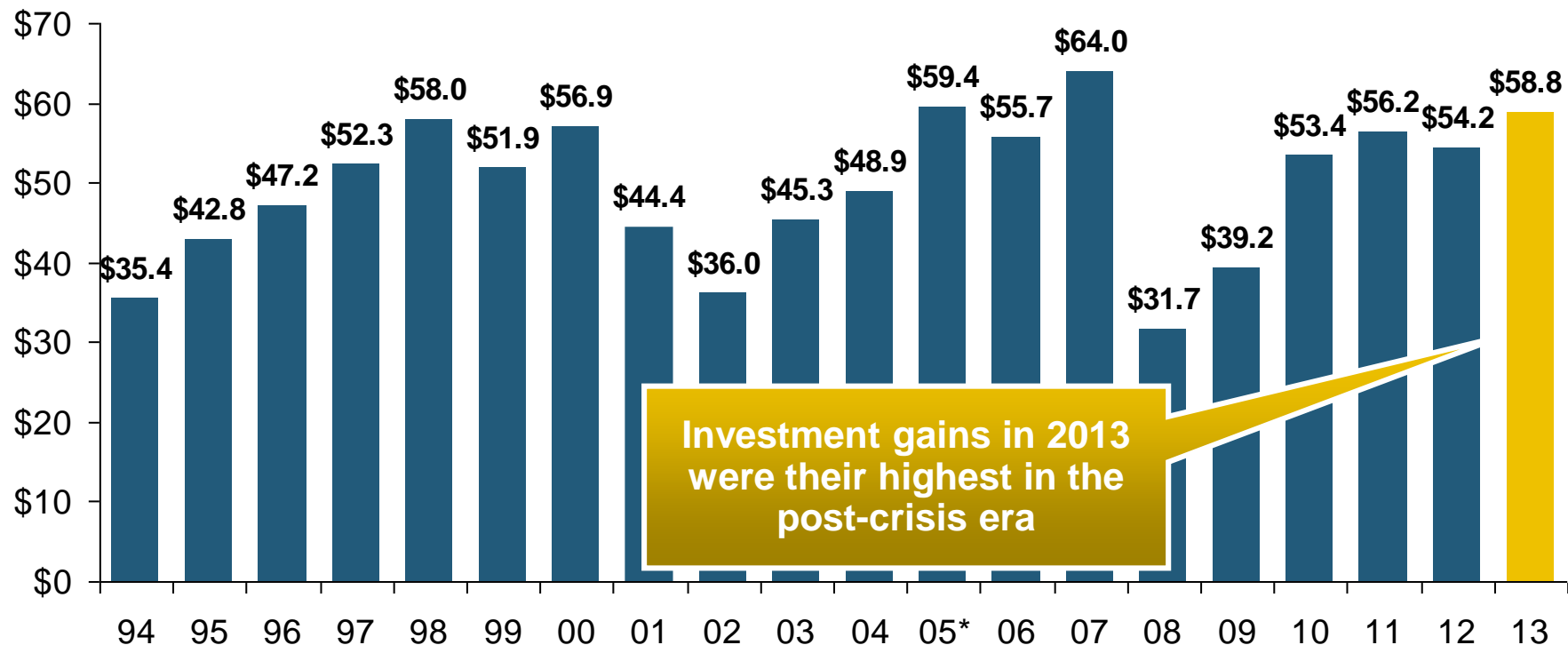
P/C Insurer Net Realized Capital Gains/Losses, 1990-2013



Insurers Posted Net Realized Capital Gains in 2010 - 2013 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

Property/Casualty Insurance Industry Investment Gain: 1994–2013¹

(\$ Billions)



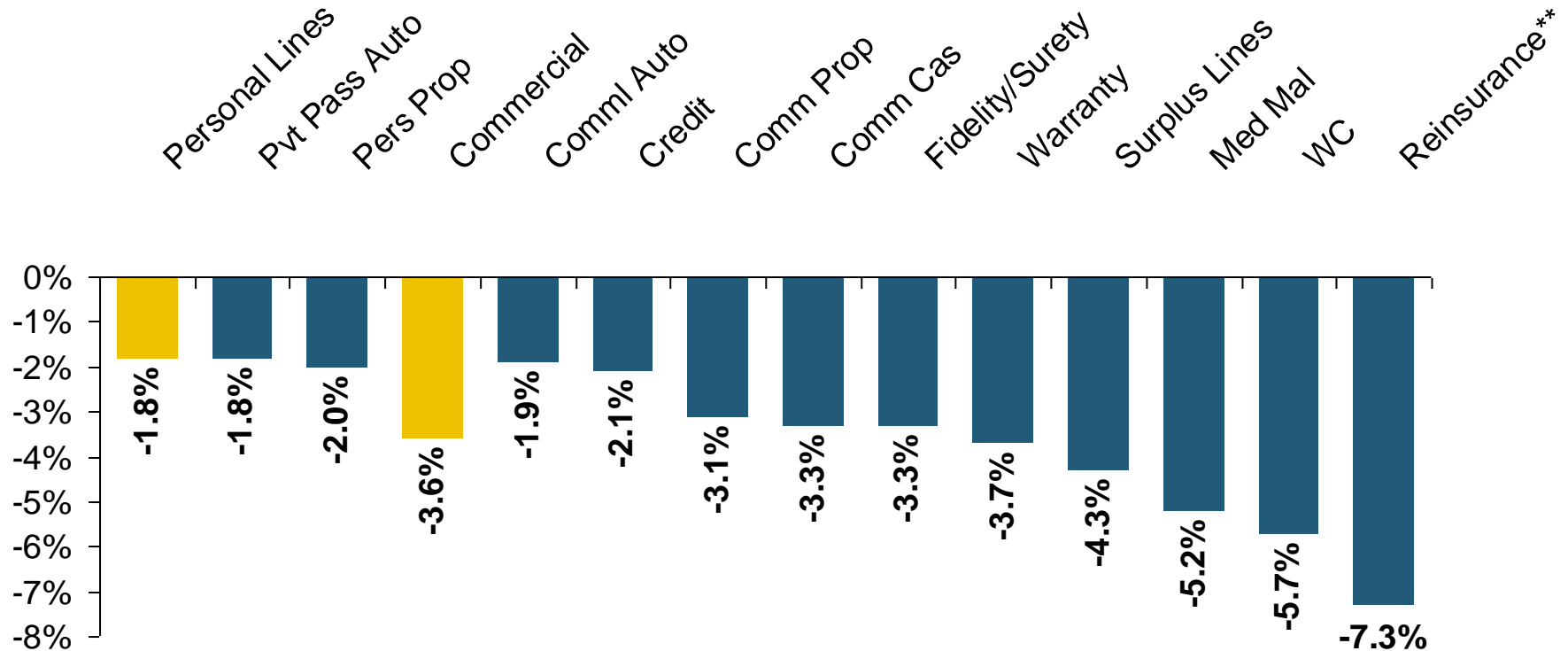
Investment Income Continued to Fall in 2013 Due to Low Interest Rates but Realized Investment Gains Were Up Sharply; The Financial Crisis Caused Investment Gains to Fall by 50% in 2008

¹ 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*



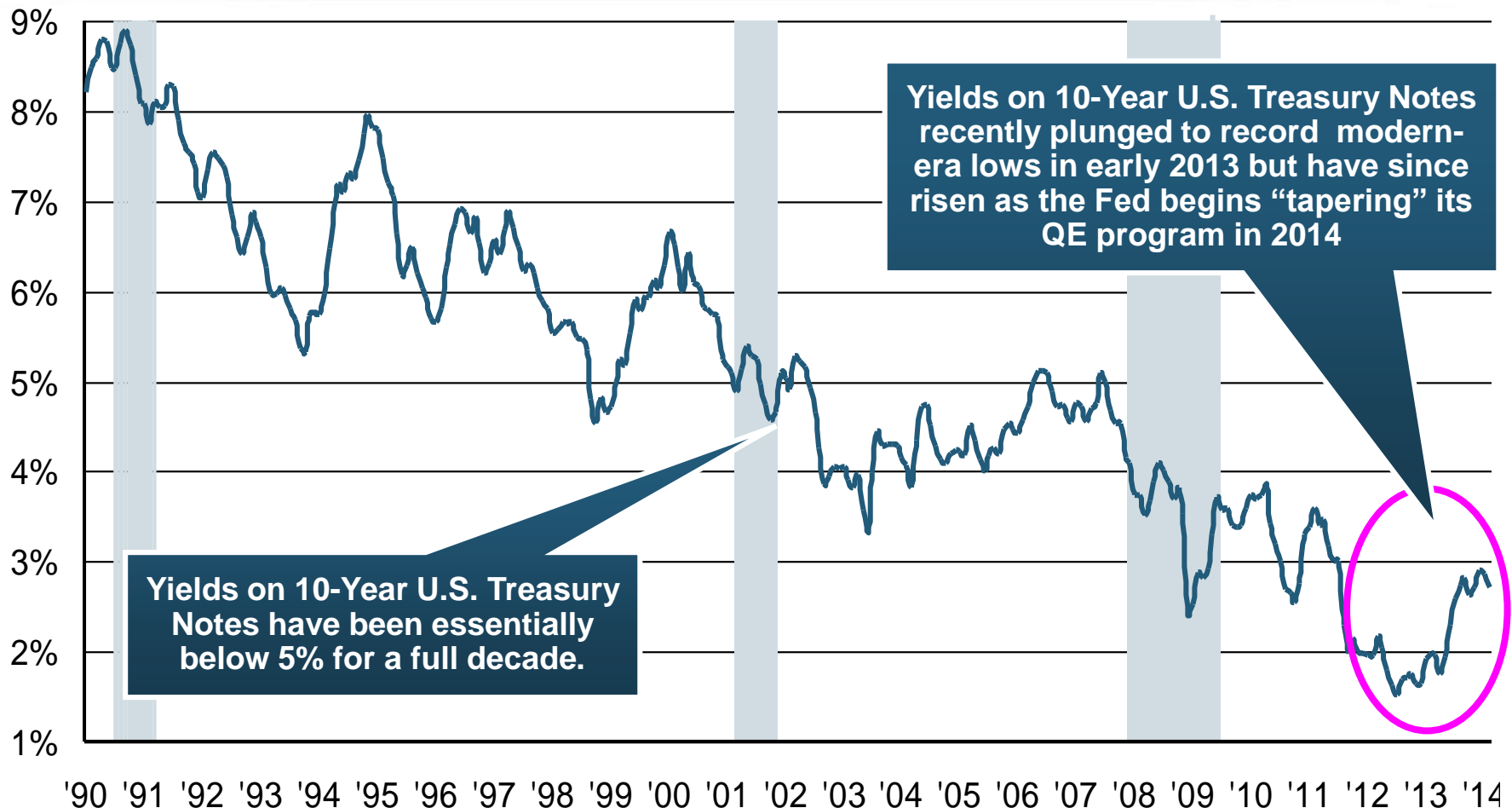
Lower Investment Earnings Place a Greater Burden on Underwriting and Pricing Discipline

*Based on 2008 Invested Assets and Earned Premiums

**US domestic reinsurance only

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

U.S. 10-Year Treasury Note Yields: A Long Downward Trend, 1990–2014*



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.

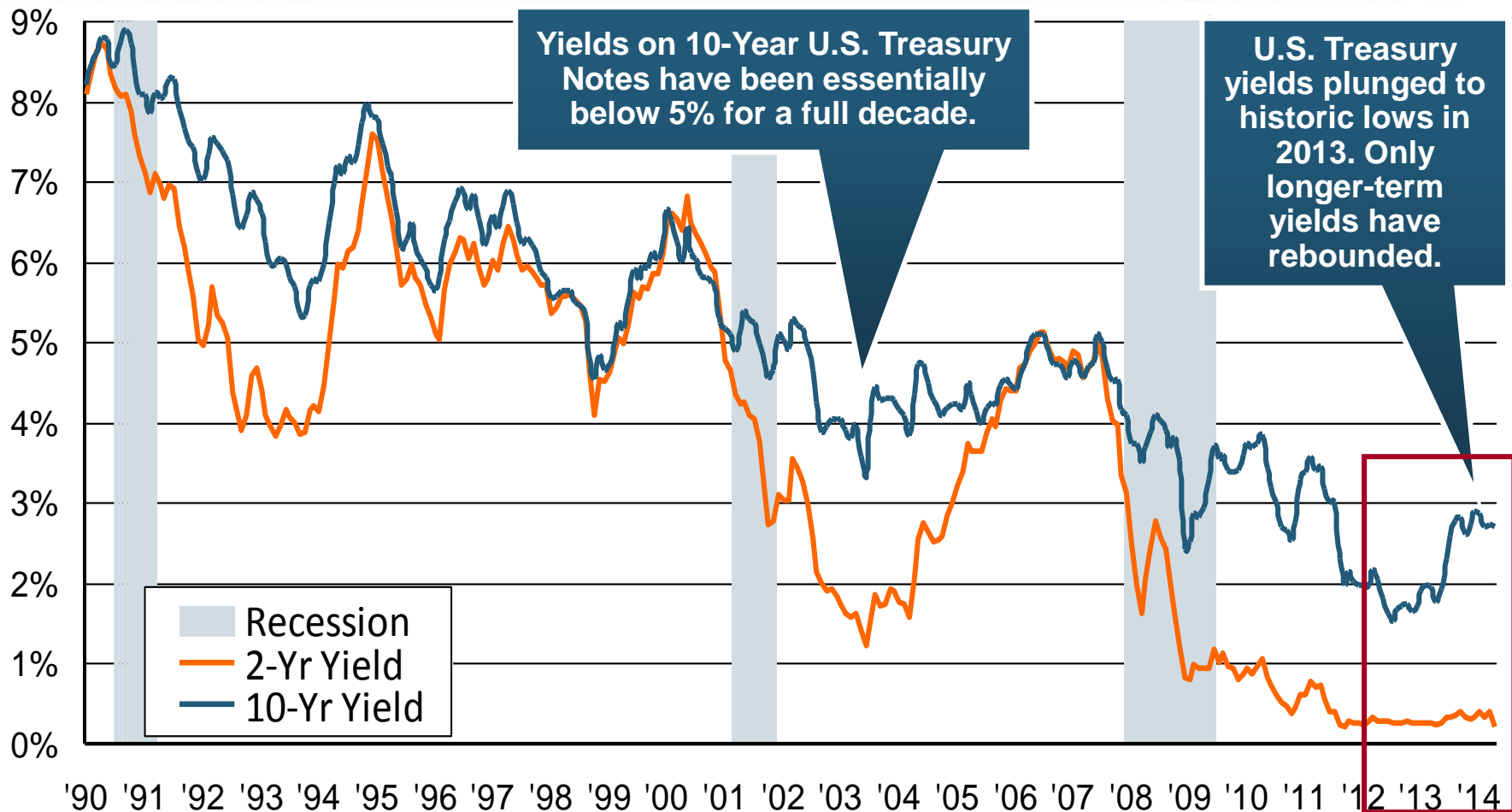
*Monthly, through February 2014.

Note: Recessions indicated by gray shaded columns.

Sources: Federal Reserve Bank at <http://www.federalreserve.gov/releases/h15/data.htm>.

National Bureau of Economic Research (recession dates); Insurance Information Institutes.

U.S. Treasury Security Yields: A Long Downward Trend, 1990–2014*

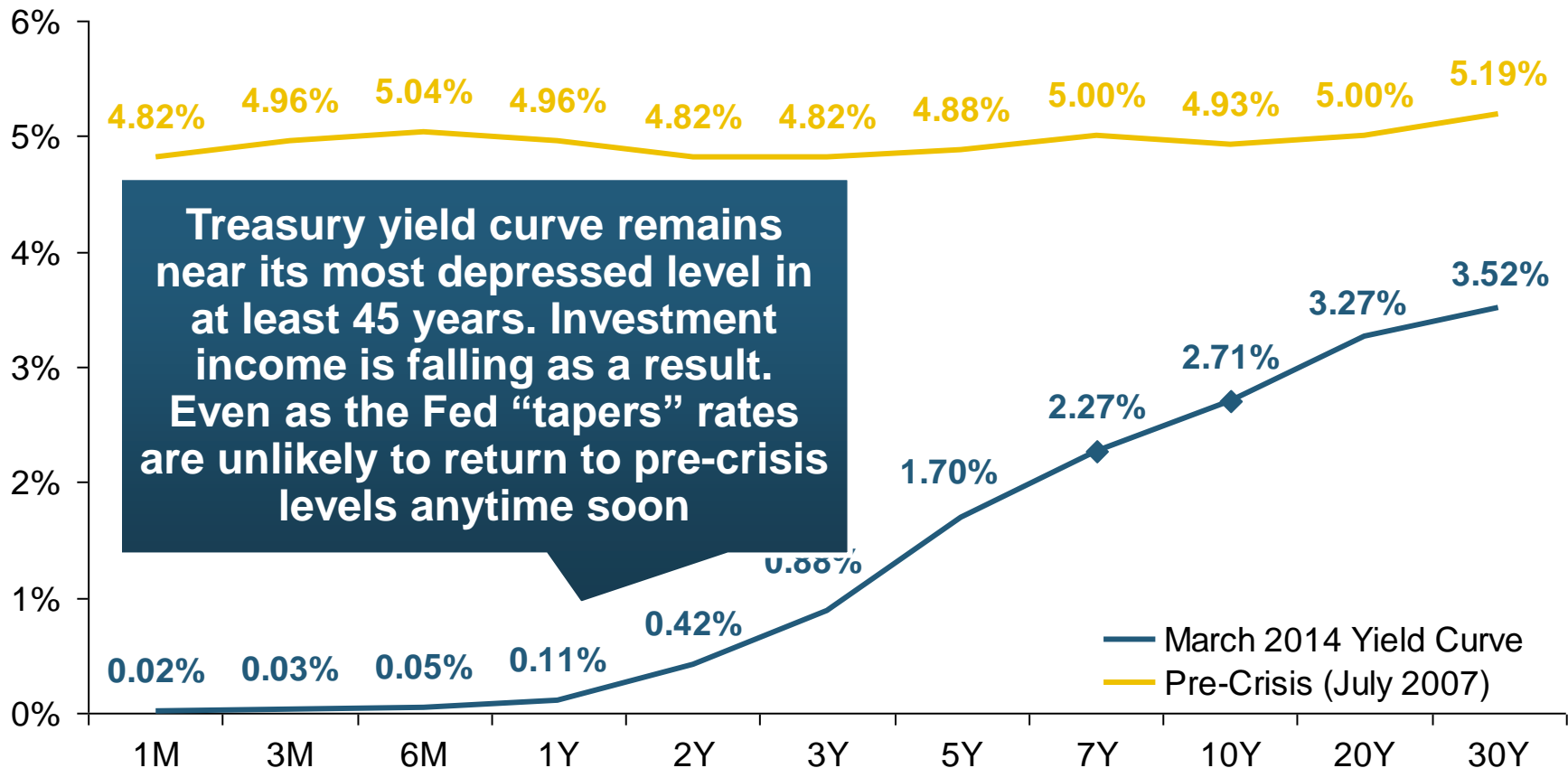


Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, most P/C insurer portfolios will have low-yielding bonds for years to come.

*Monthly, constant maturity, nominal rates, through April 2014.

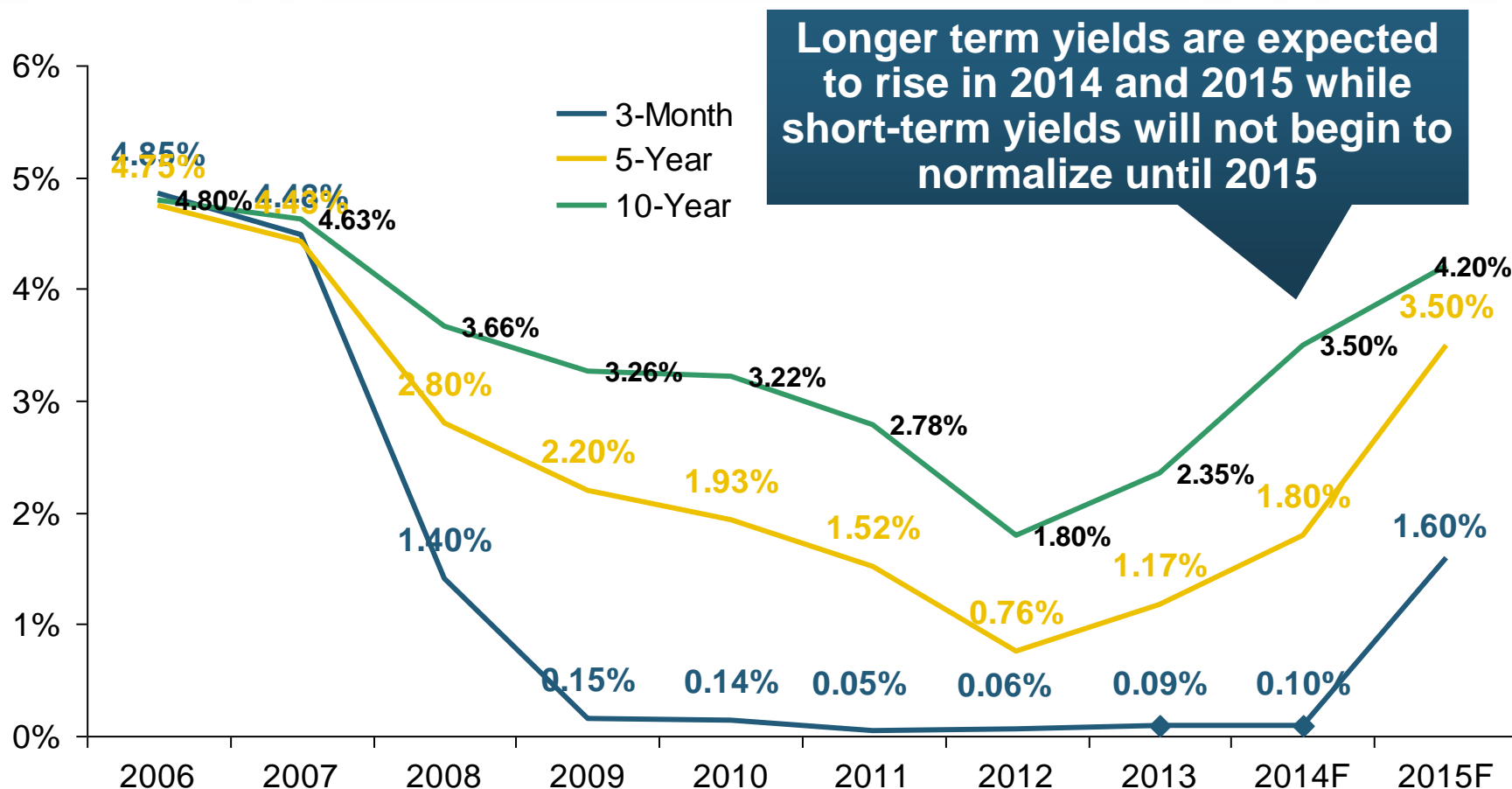
Sources: Federal Reserve Bank at <http://www.federalreserve.gov/releases/h15/data.htm>.
National Bureau of Economic Research (recession dates); Insurance Information Institute.

Treasury Yield Curves: Pre-Crisis (July 2007) vs. April 2014



The Fed Is Actively Signaling that it Is Determined to Keep Rates Low Until Well Into 2015; Low Rates Add to Pricing Pressure for Insurers.

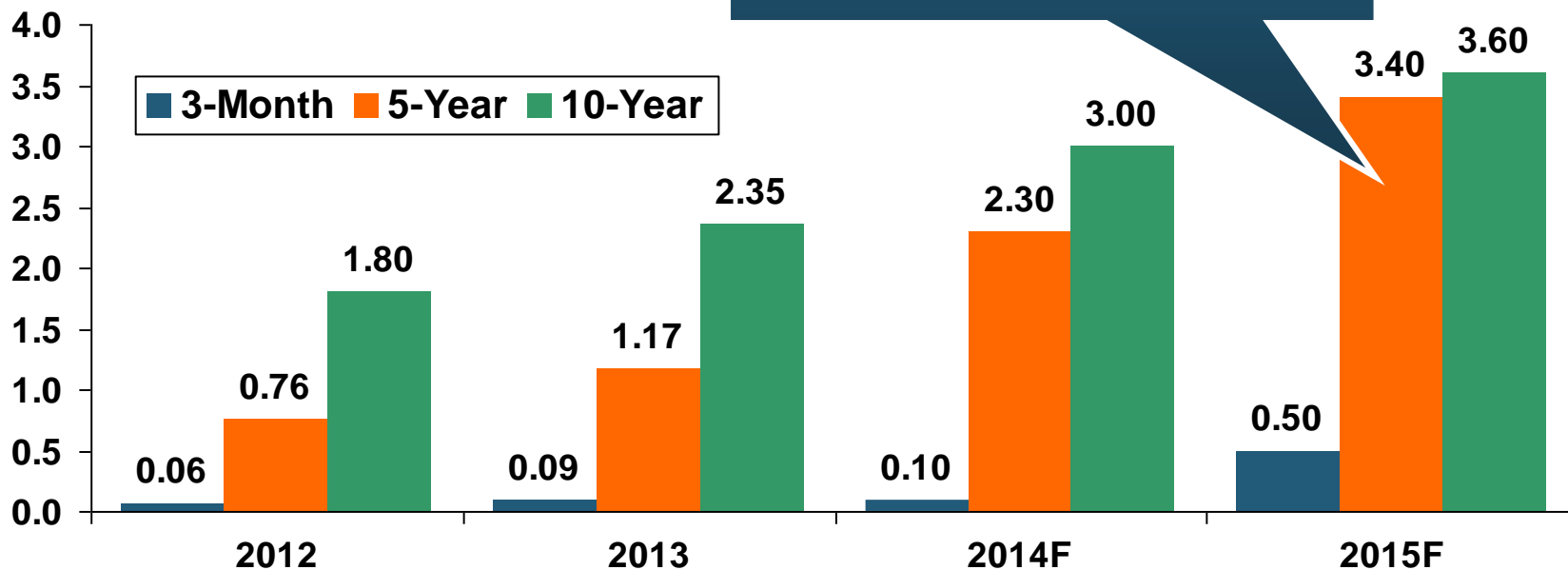
Treasury Yield Curves: Pre-Crisis (July 2007) vs. Feb. 2014



Higher longer-term yields will help insurers but short term yields are expected to lag behind

Outlook for U.S. Treasury Bond Yields Through 2015

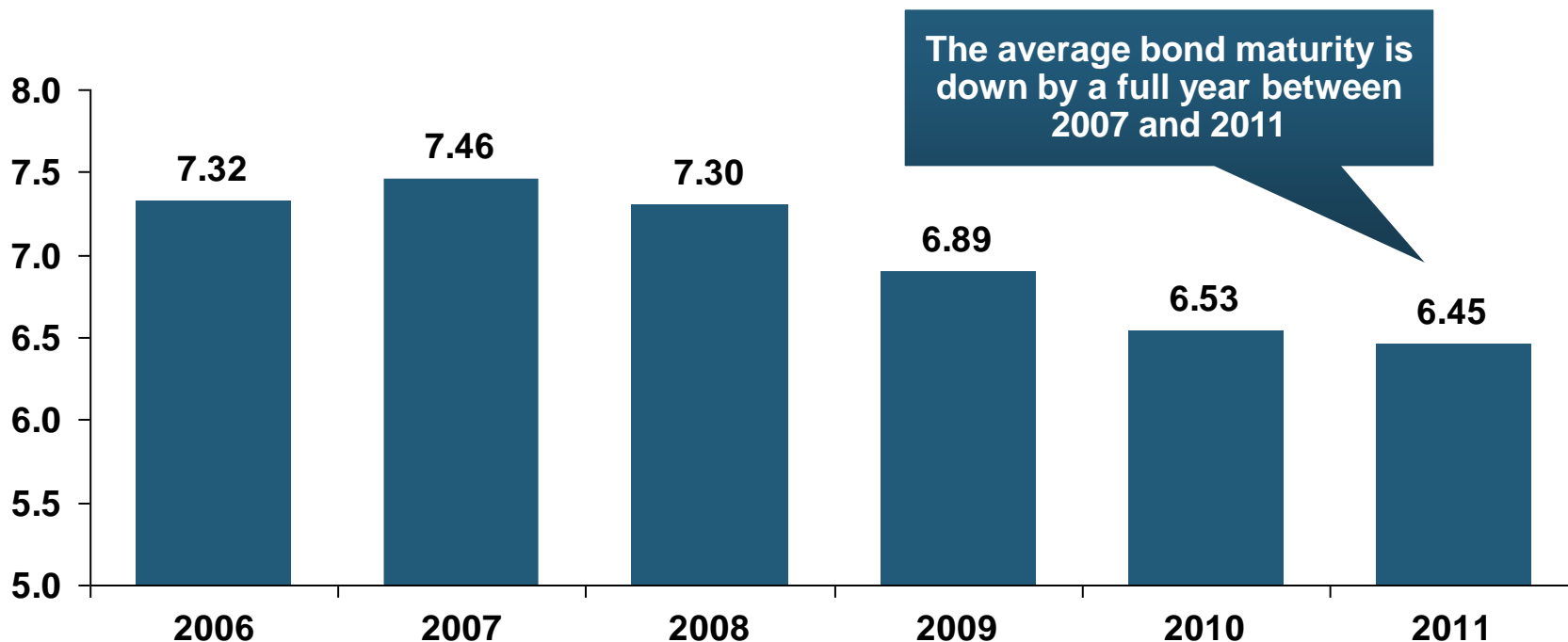
% Yield



Longer-tail lines like MPL and workers comp will benefit the most from the normalization of yields

Average Maturity of Bonds Held by US P/C Insurers, 2006—2011*

Average Maturity (Years)

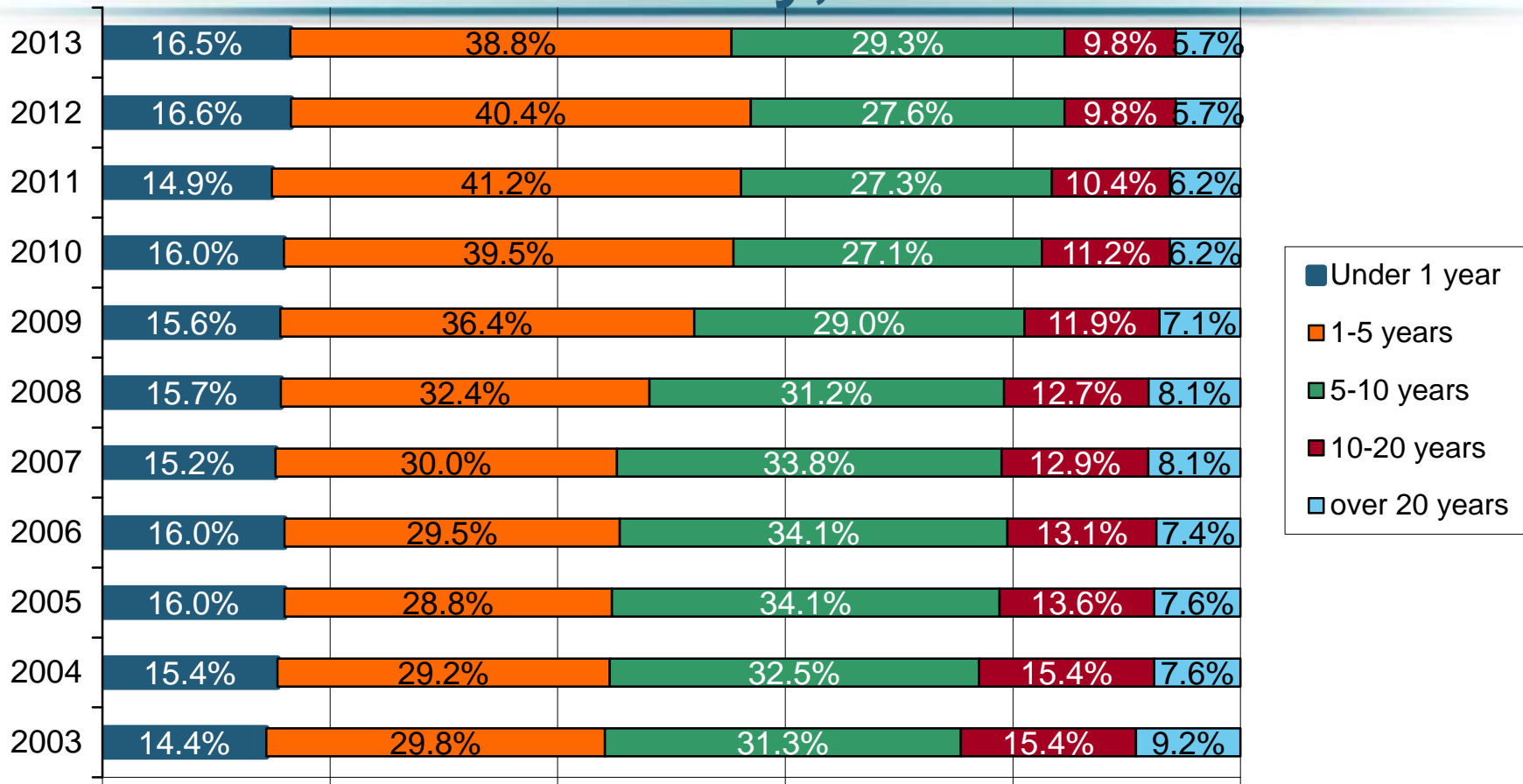


Falling Average Maturity (and Duration) of the P/C Industry's Bond Portfolio is Contributing to the Drop in Investment Income Along With Lower Yields

*Year-end figures. Latest available.

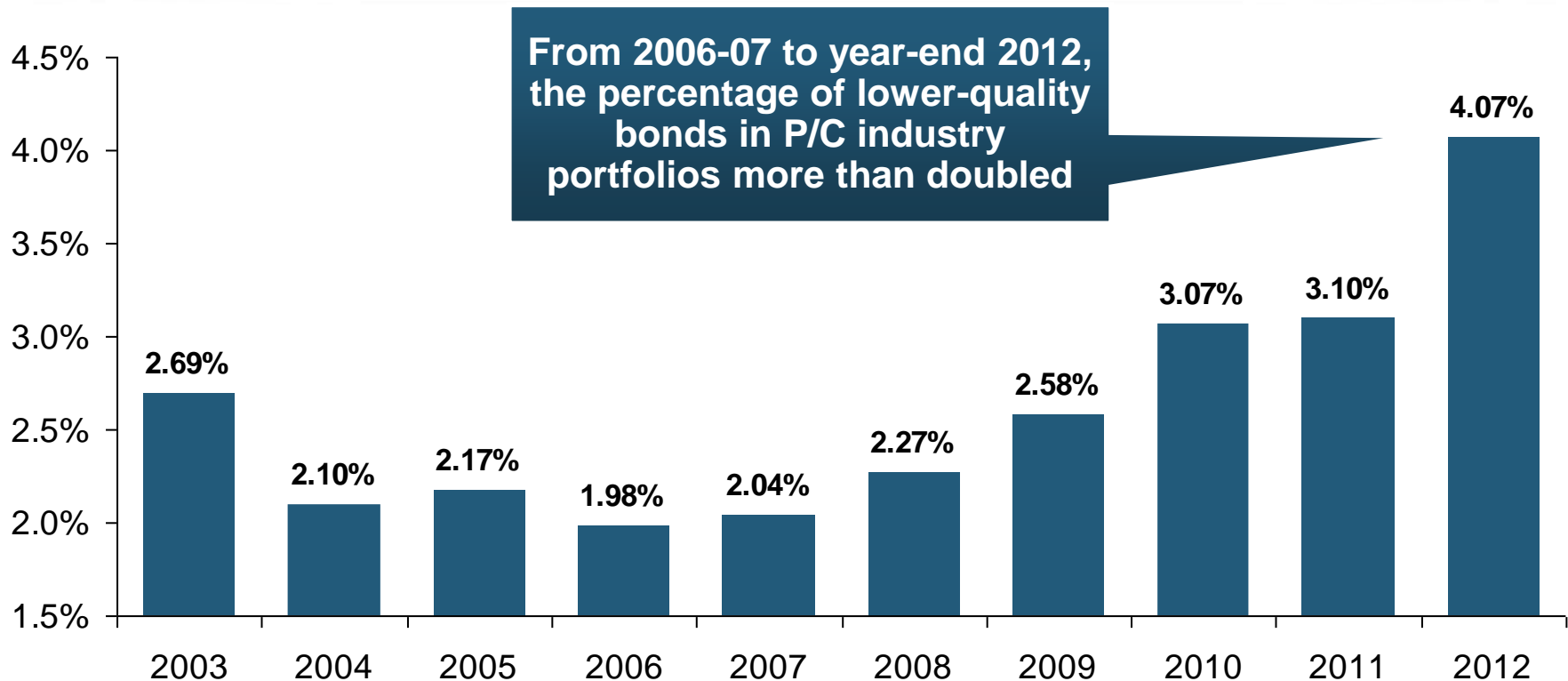
Sources: Insurance Information Institute calculations based on A.M. Best data.

Distribution of Bond Maturities, P/C Insurance Industry, 2003-2013



The main shift over these years has been from bonds with longer maturities to bonds with shorter maturities. The industry first trimmed its holdings of over-10-year bonds (from 24.6% in 2003 to 15.5% in 2012) and then trimmed bonds in the 5-10-year category (from 31.3% in 2003 to 27.6% in 2012). Falling average maturity of the P/C industry's bond portfolio is contributing to a drop in investment income along with lower yields.

Bonds Rated NAIC Quality Category 3-6 as a Percent of Total Bonds, 2003–2012

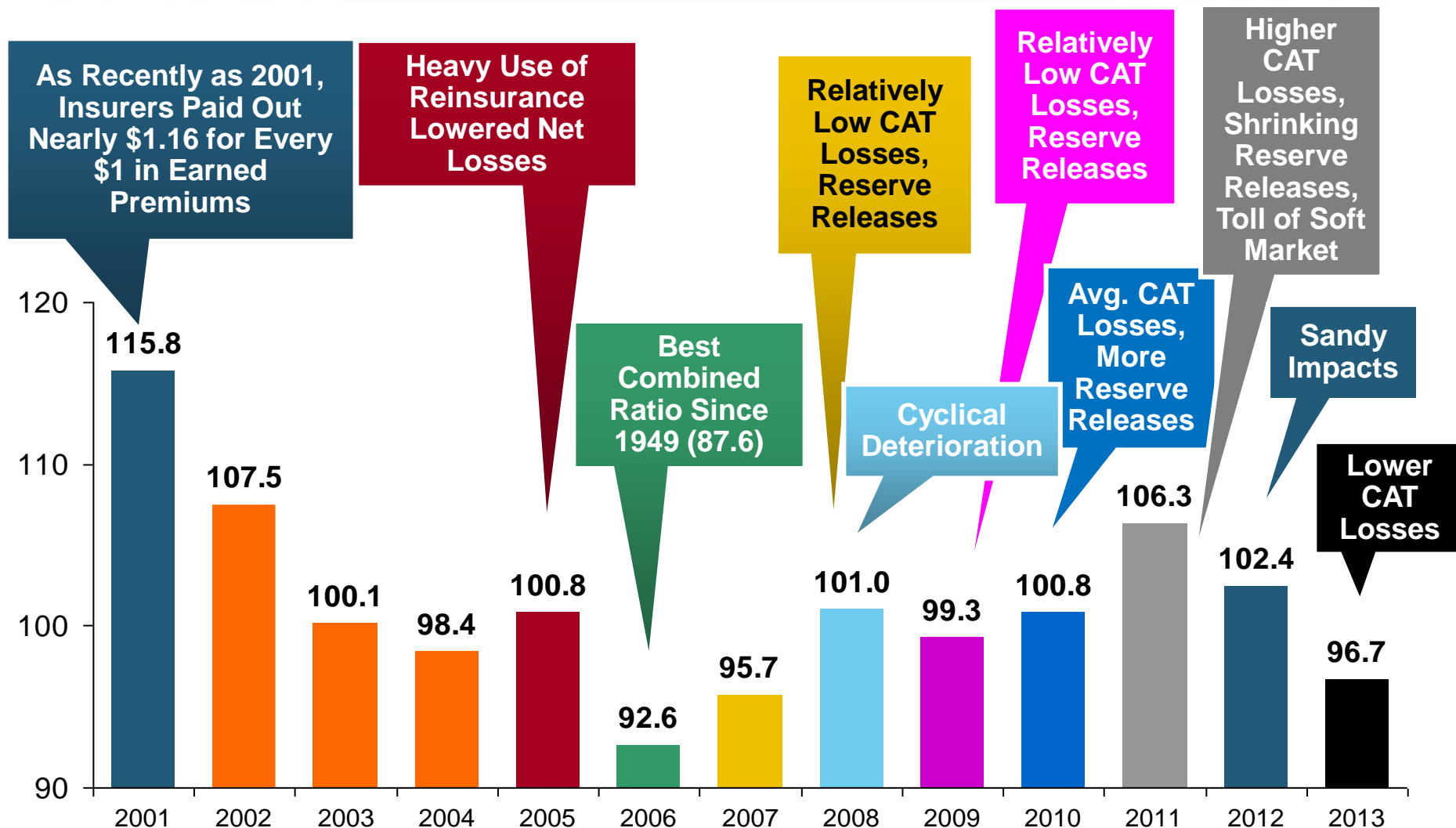


There are many ways to capture higher yields on bond portfolios. One is to accept greater risk, as measured by NAIC bond ratings. The ratings range from 1 to 6, with the highest quality rated 1. Even in 2012, over 95% of the industry's bonds were rated 1 or 2.

P/C UNDERWRITING

**Underwriting Losses in 2013
Much Improved After High
Catastrophe Losses in 2011/12**

P/C Insurance Industry Combined Ratio, 2001–2013*

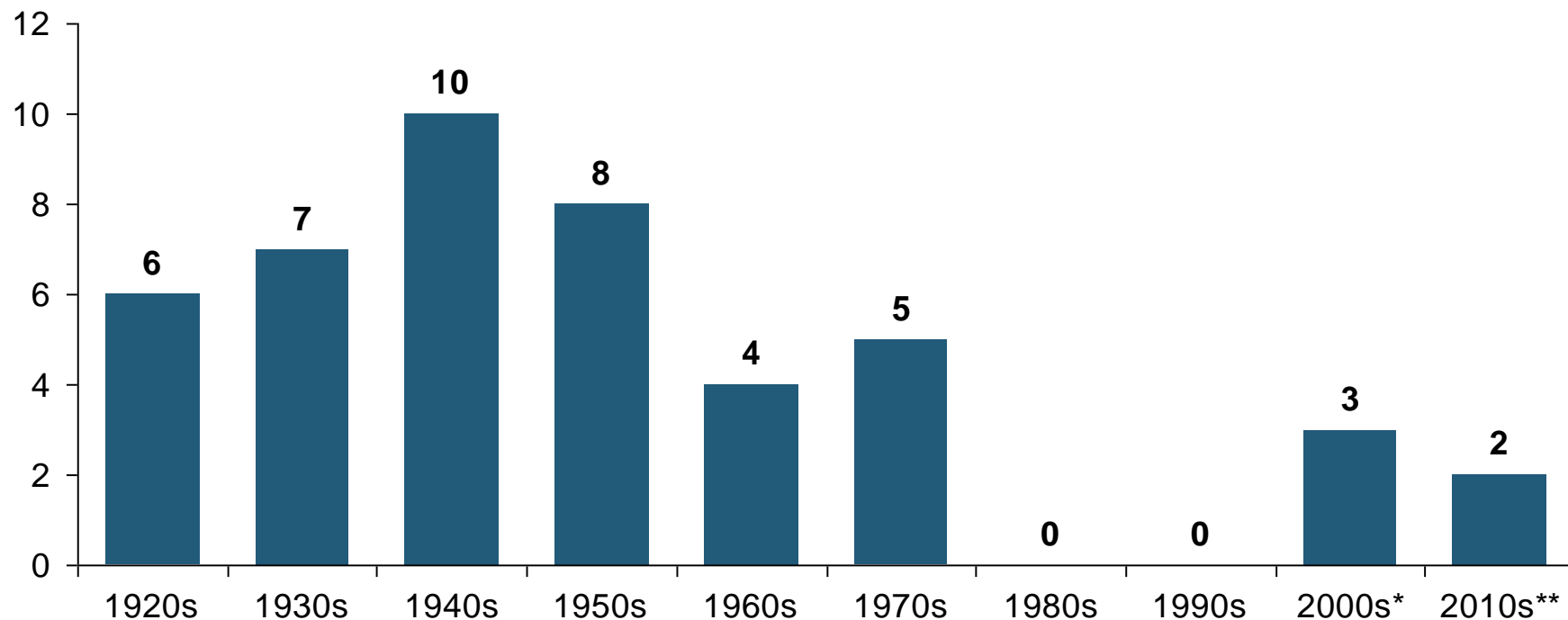


* Excludes Mortgage & Financial Guaranty insurers 2008--2012. Including M&FG, 2008=105.1, 2009=100.7, 2010=102.4, 2011=108.1; 2012:=103.2; 2013:= 96.1.

Sources: A.M. Best, ISO.

Number of Years with Underwriting Profits by Decade, 1920s–2010s

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

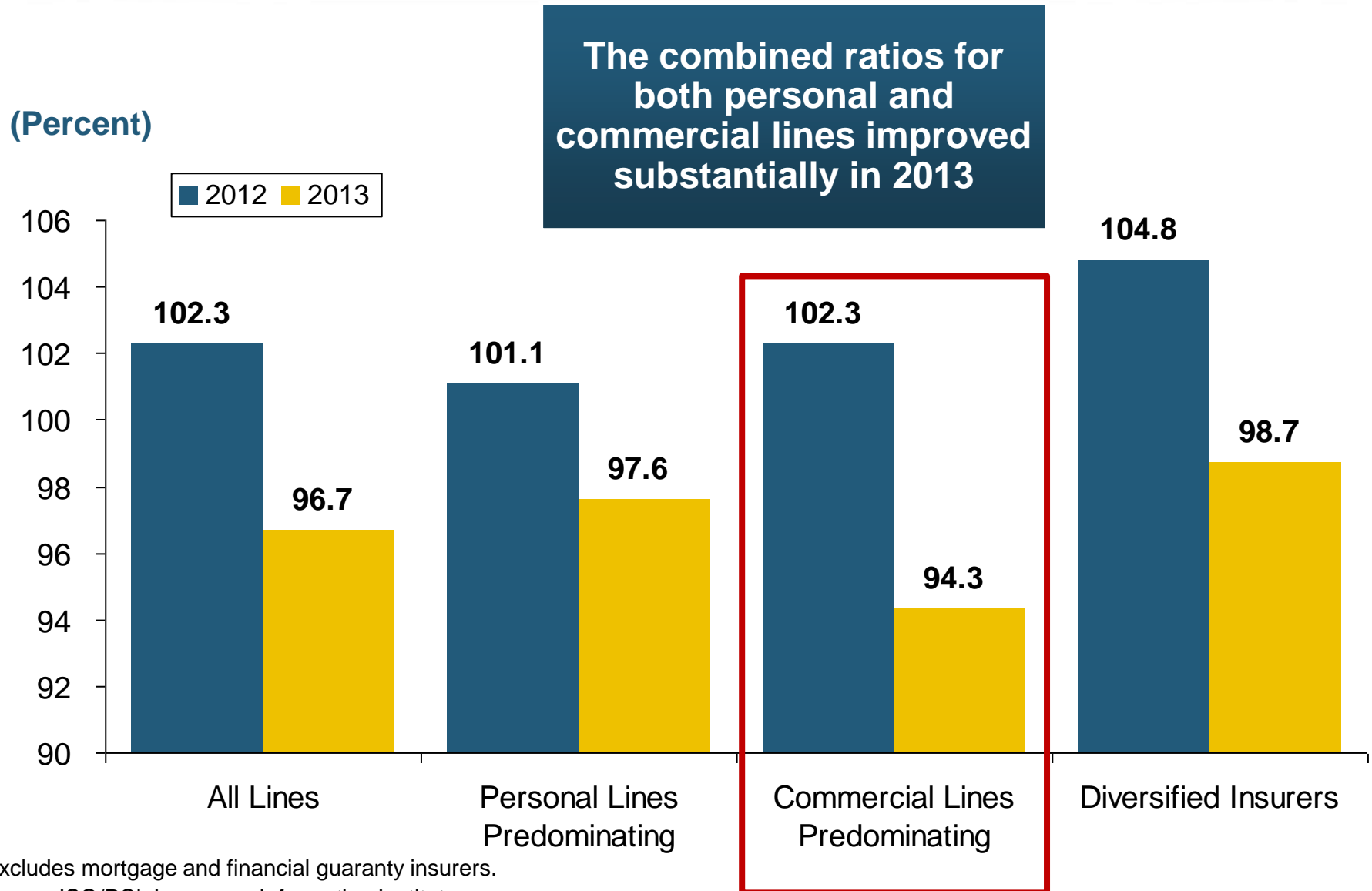
* 2009 combined ratio excl. mort. and finl. guaranty insurers was 99.3, which would bring the 2000s total to 4 years with an u/w profit.

**Data for the 2010s is for the period 2010 through 2013.

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

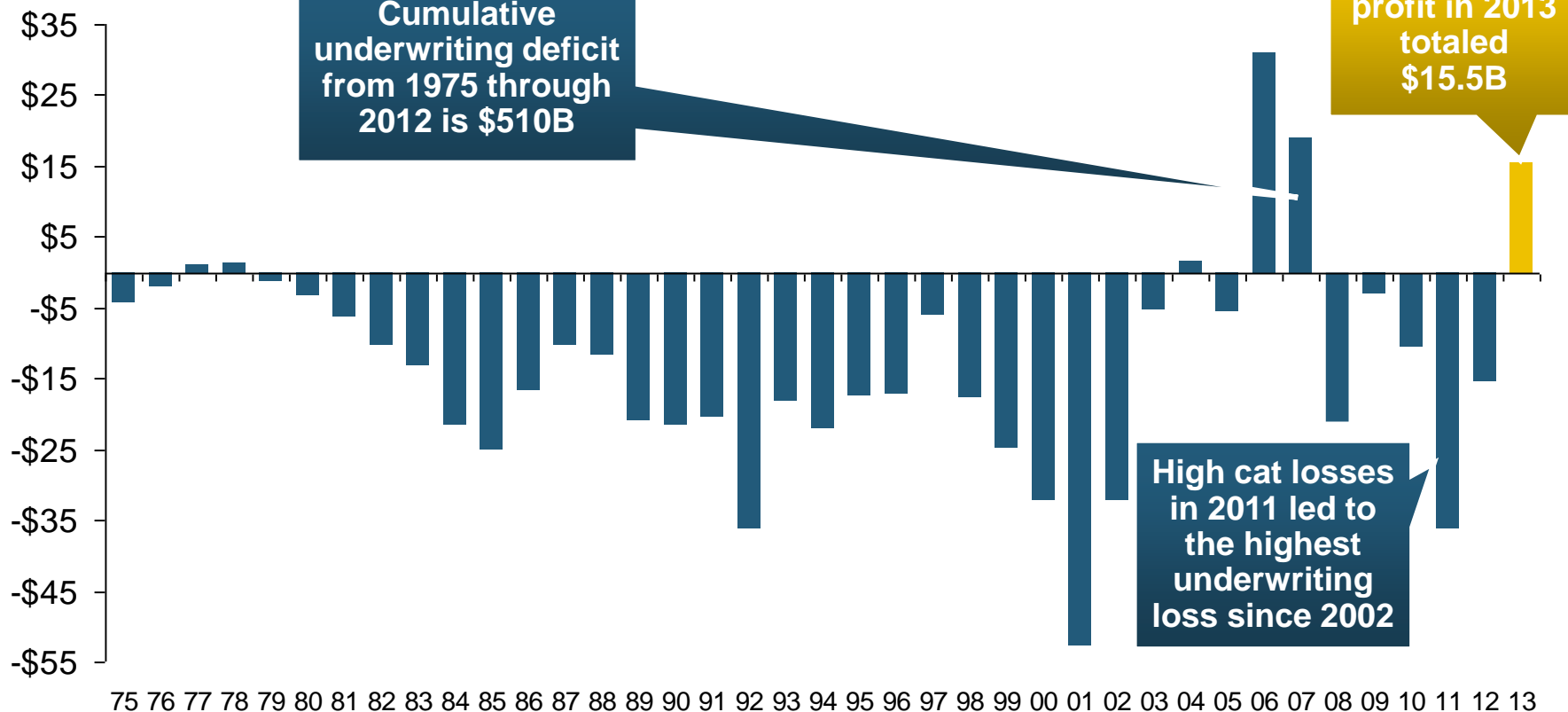
Sources: Insurance Information Institute research from A.M. Best Data.

Combined Ratios by Predominant Business Segment, 2013 vs. 2012*



Underwriting Gain (Loss) 1975–2013*

(\$ Billions)

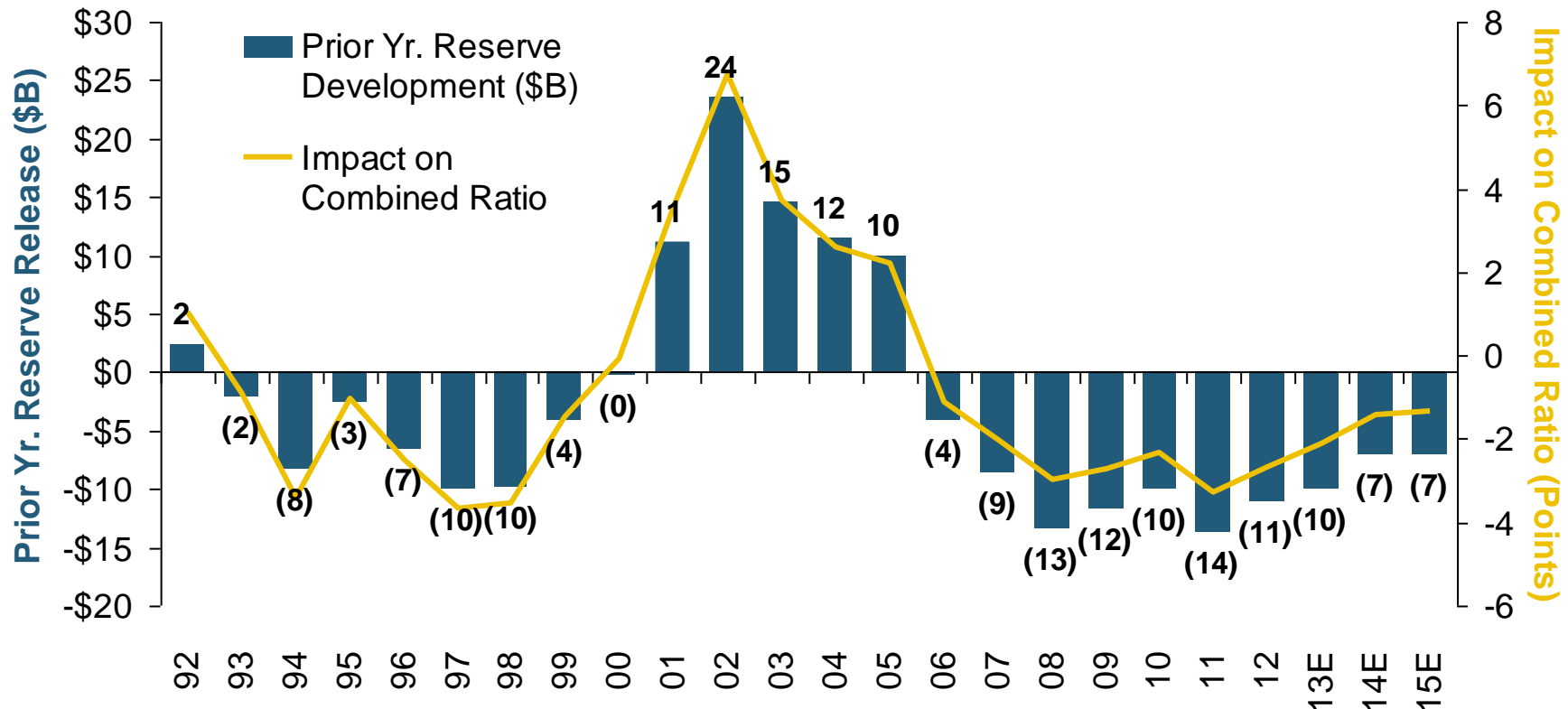


**Large Underwriting Losses Are *NOT* Sustainable
in Current Investment Environment**

* Includes mortgage and financial guaranty insurers in all years.

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

P/C Reserve Development, 1992–2015E



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: A.M. Best, ISO, Barclays Research (estimates for 2013-2015).

P/C Estimated Loss Reserve Deficiency/ (Redundancy), Excl. Statutory Discount

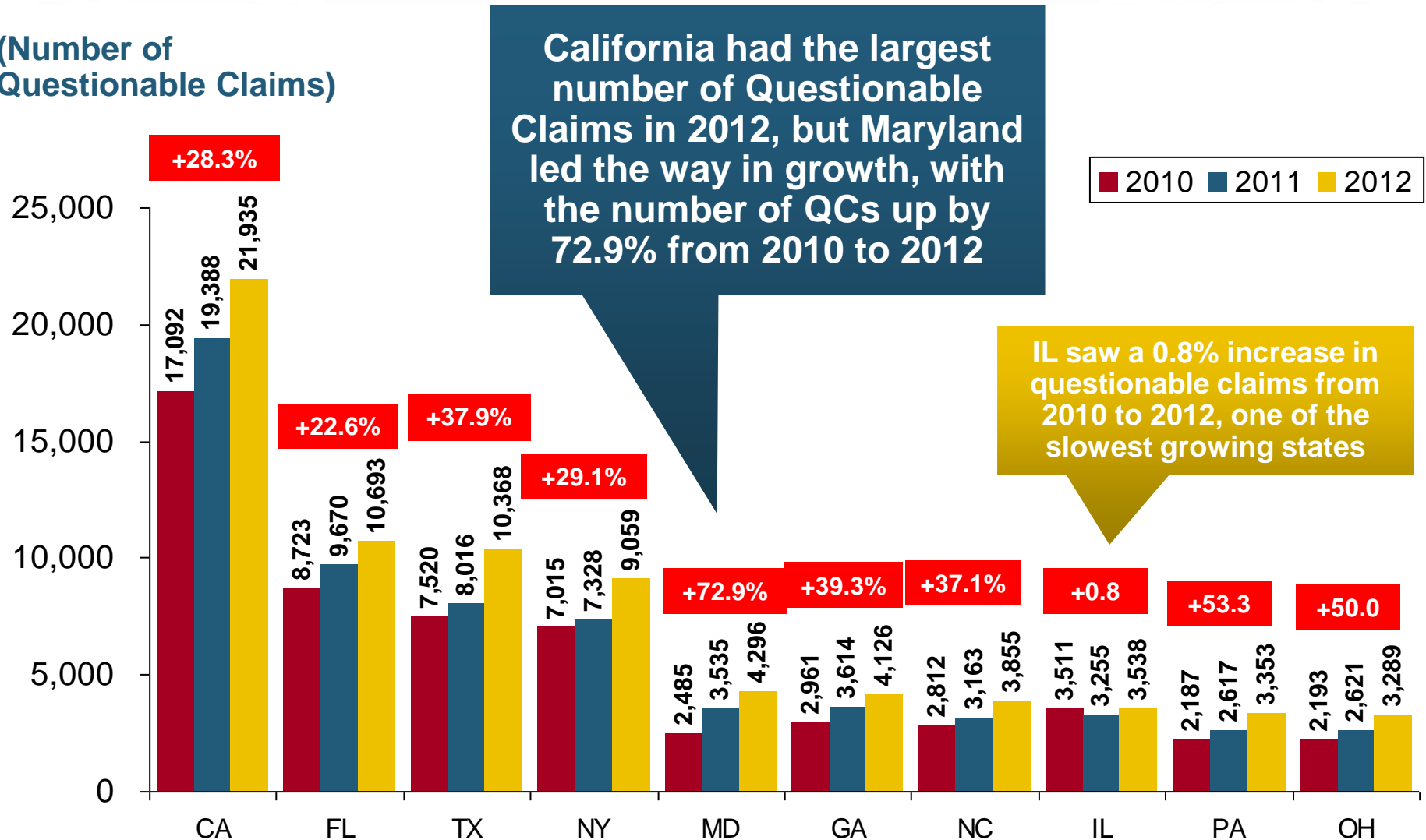
Line of Business	2013
Personal Auto Liability	-\$3.9B
Homeowners	-\$0.4
Other Liab (incl. Prod Liab)	\$7.5
Workers Compensation	\$11.1
Commercial Multi Peril	\$1.9
Commercial Auto Liability	\$0.7
Medical Professional Liab.	-\$3.5
Reinsurance—Nonprop Assumed	\$1.0
All Other Lines*	-\$4.6
Total Core Reserves	\$9.8
Asbestos & Environmental	\$11.2
Total P/C Industry	\$21.0B

Questionable Claims: On the Rise

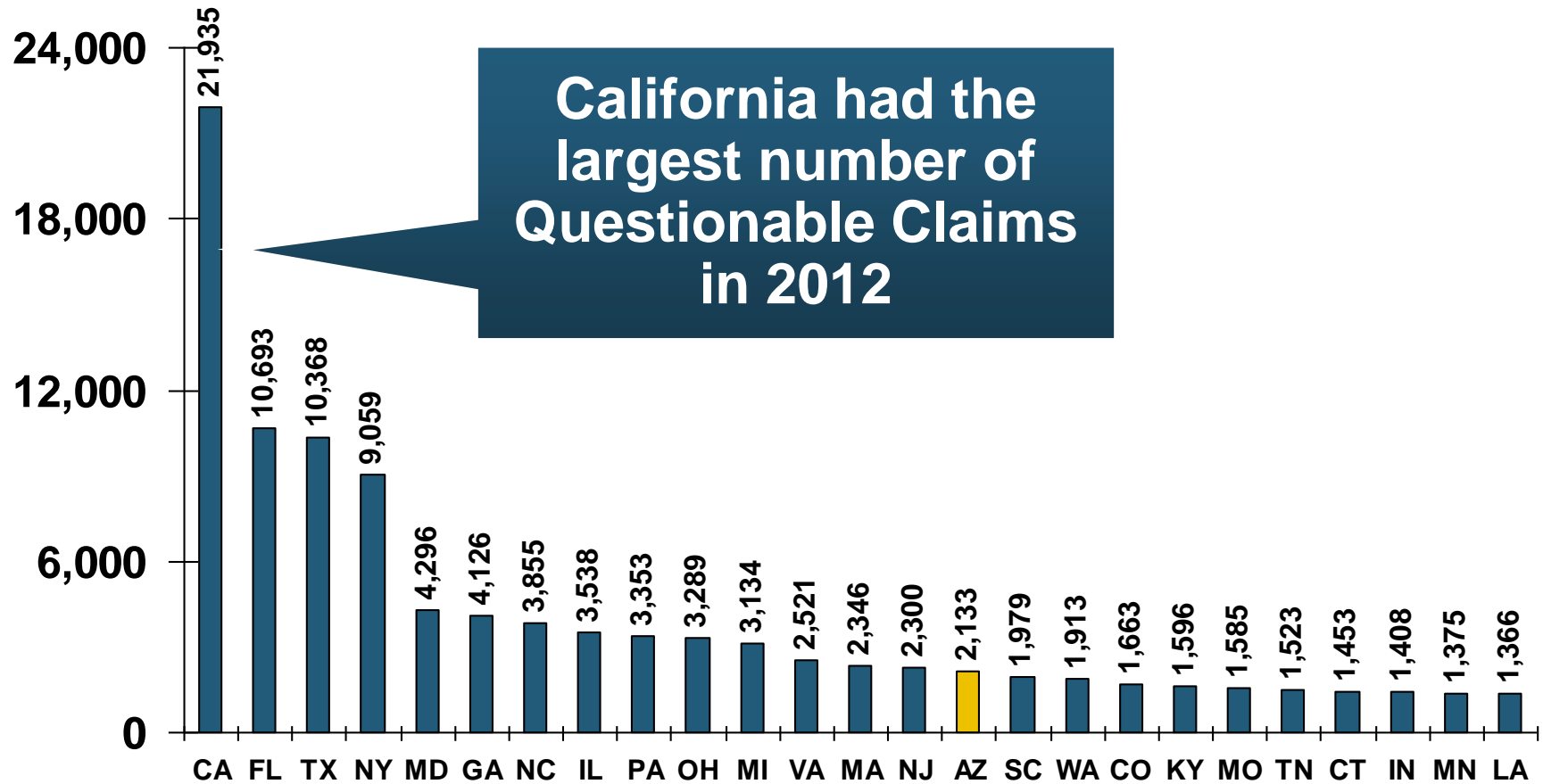
**Fraud Concerns:
More Questionable Claims in
Most State and Across Most
Lines of Insurance**

Questionable Claims, Top 10 Loss States, All Lines: 2010–2012

(Number of
Questionable Claims)

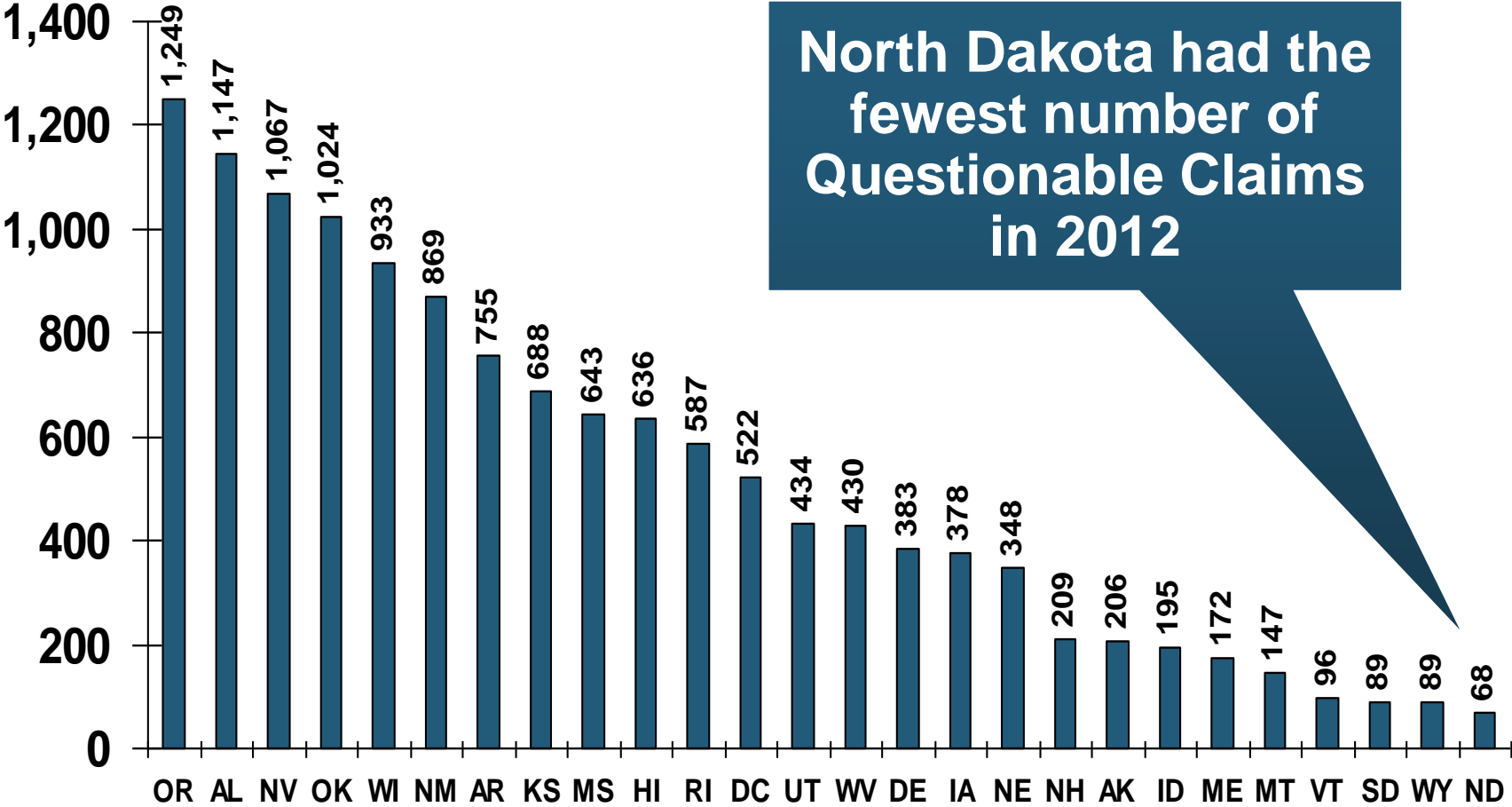


Total Number of Questionable Claims by State, 2012: Highest 25 States



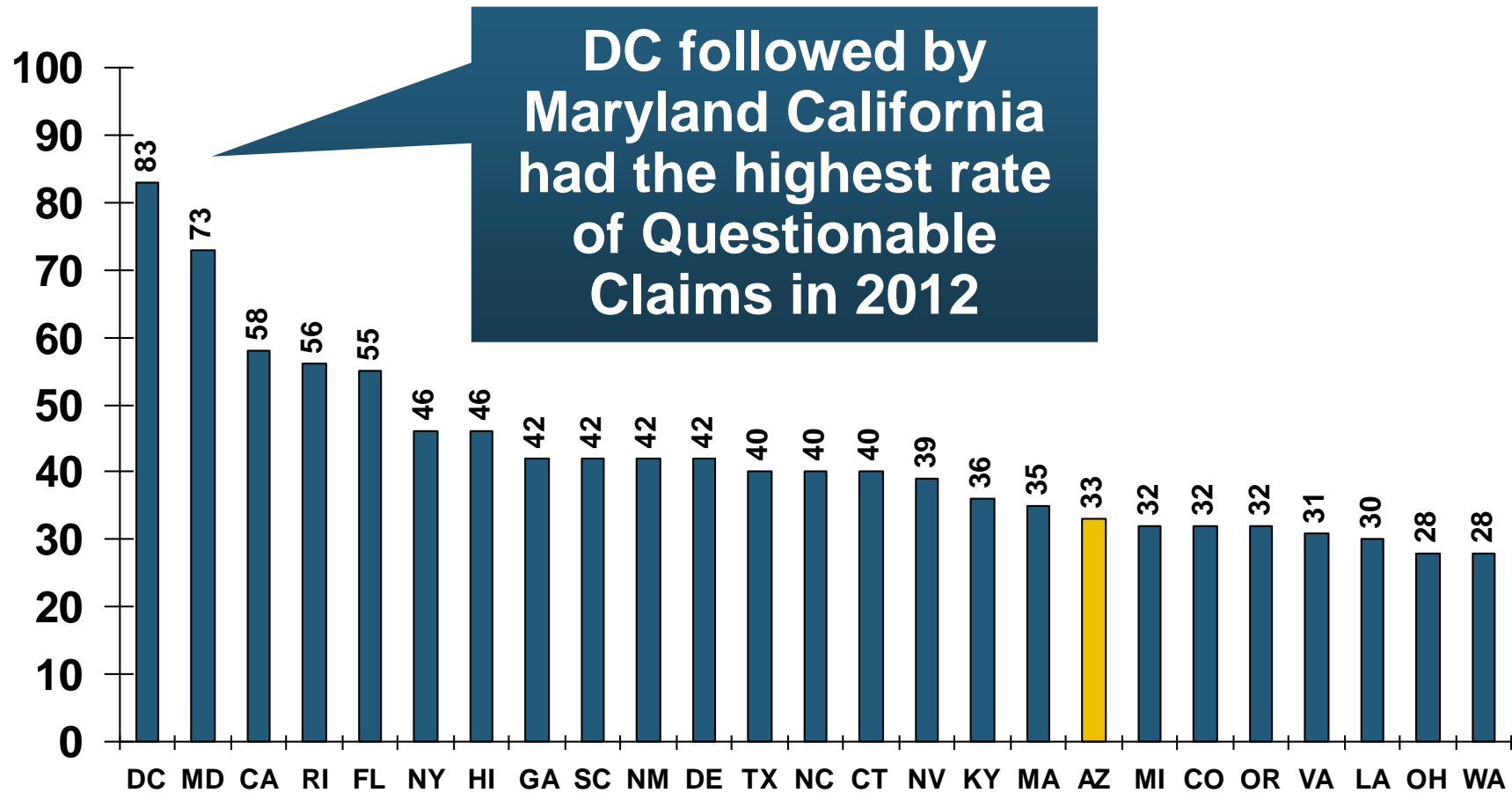
Total Number of Questionable Claims by State, 2012: Highest 25 States

North Dakota had the fewest number of Questionable Claims in 2012

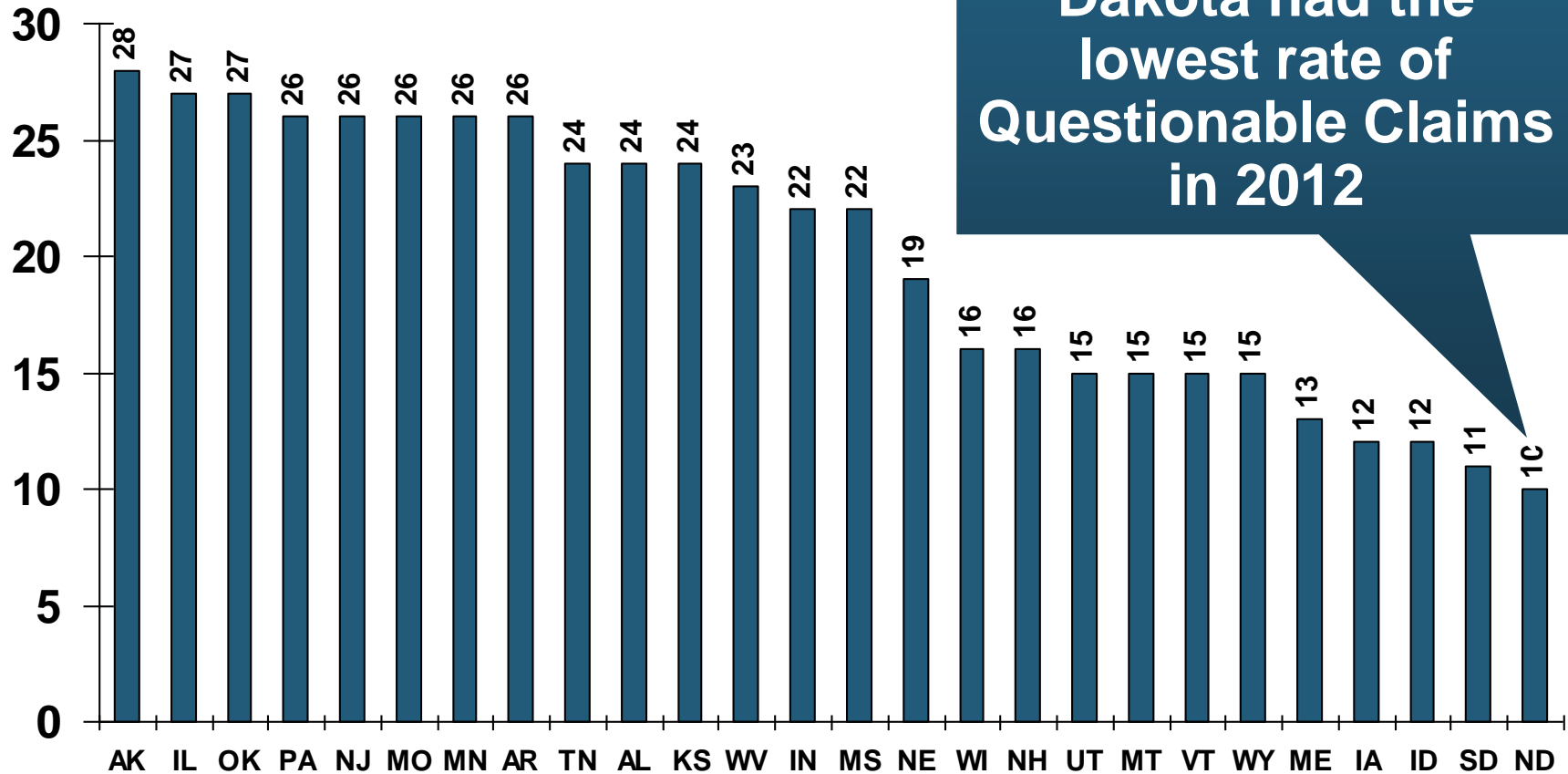


Sources: NICB; Insurance Information Institute.

Total Number of Questionable Claims by State, per 100K Persons, 2012: Highest 25 States

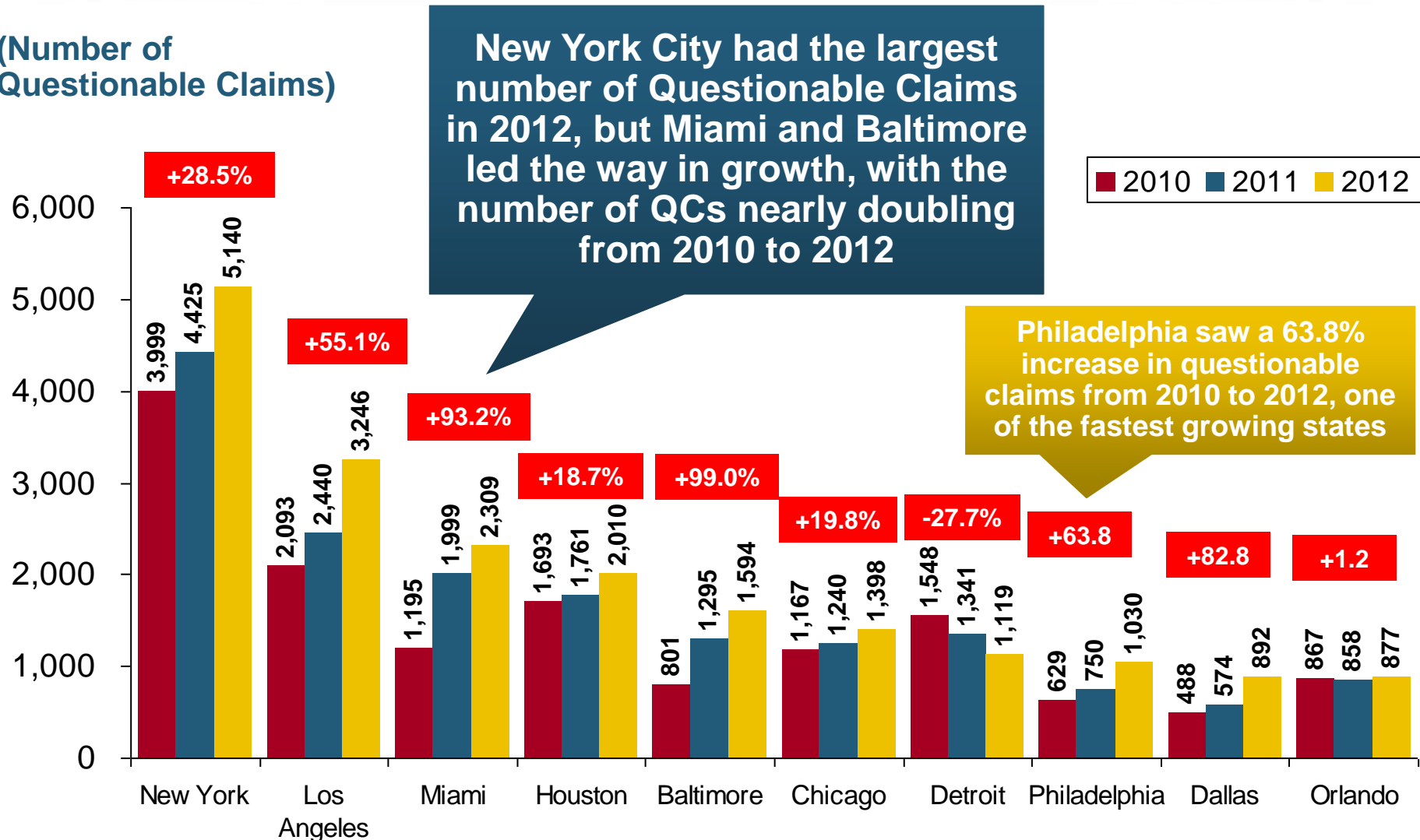


Total Number of Questionable Claims by State, per 100K Persons, 2012: Lowest 25 States



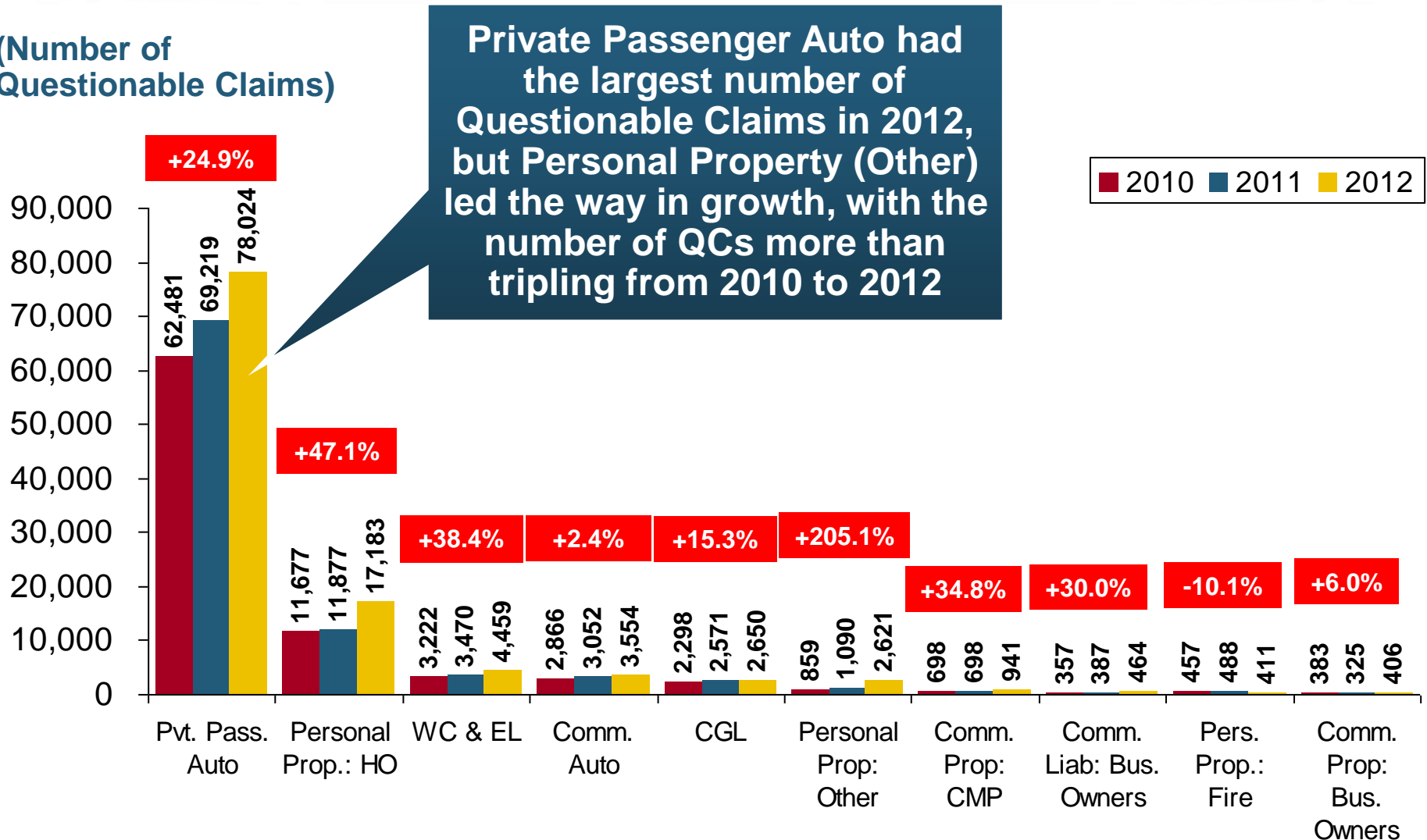
Questionable Claims, Top 10 Loss Cities, All Lines: 2010–2012

(Number of
Questionable Claims)



Questionable Claims, Top 10 Policy Types: 2010–2012

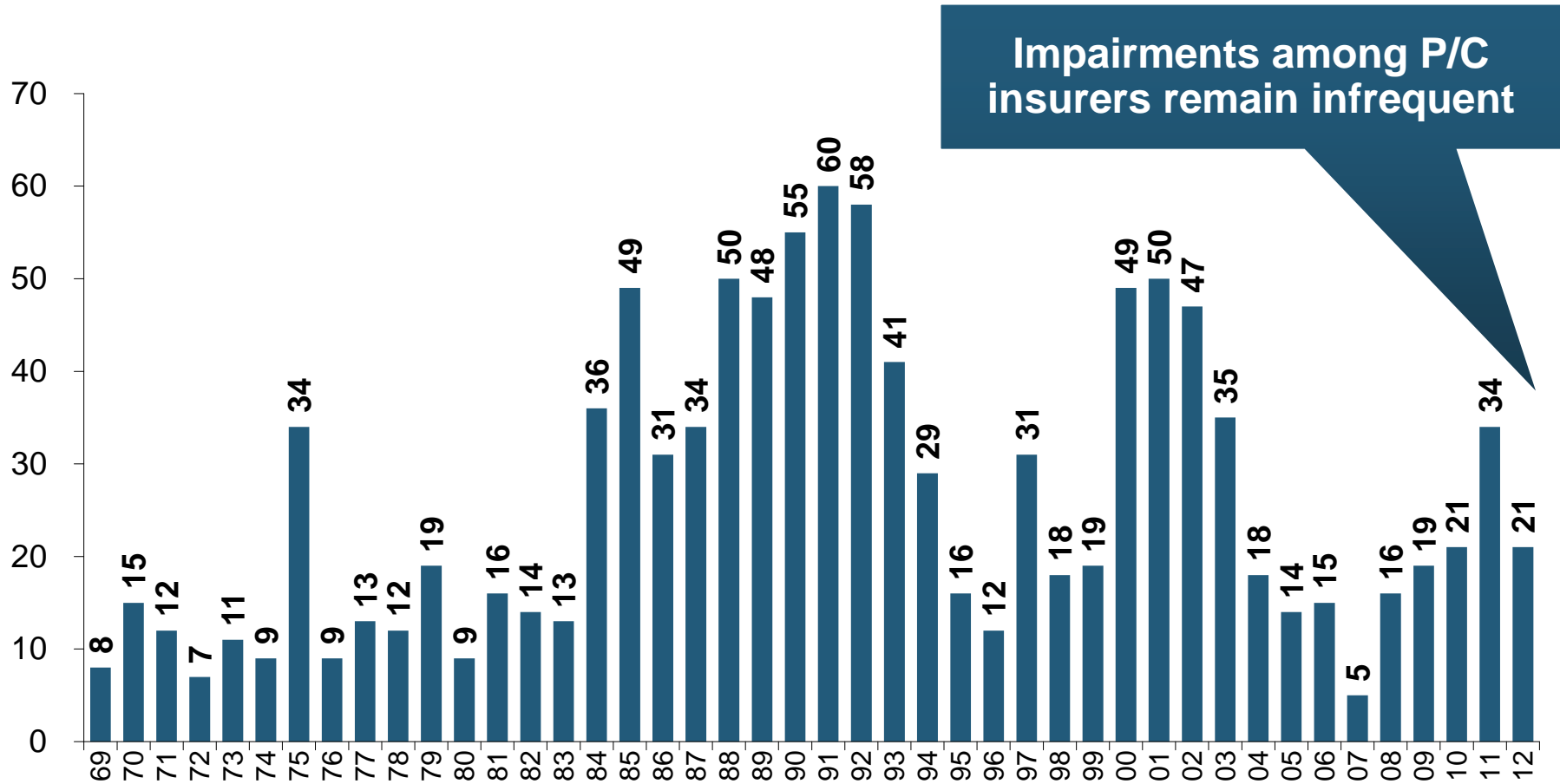
(Number of
Questionable Claims)



Financial Strength & Underwriting

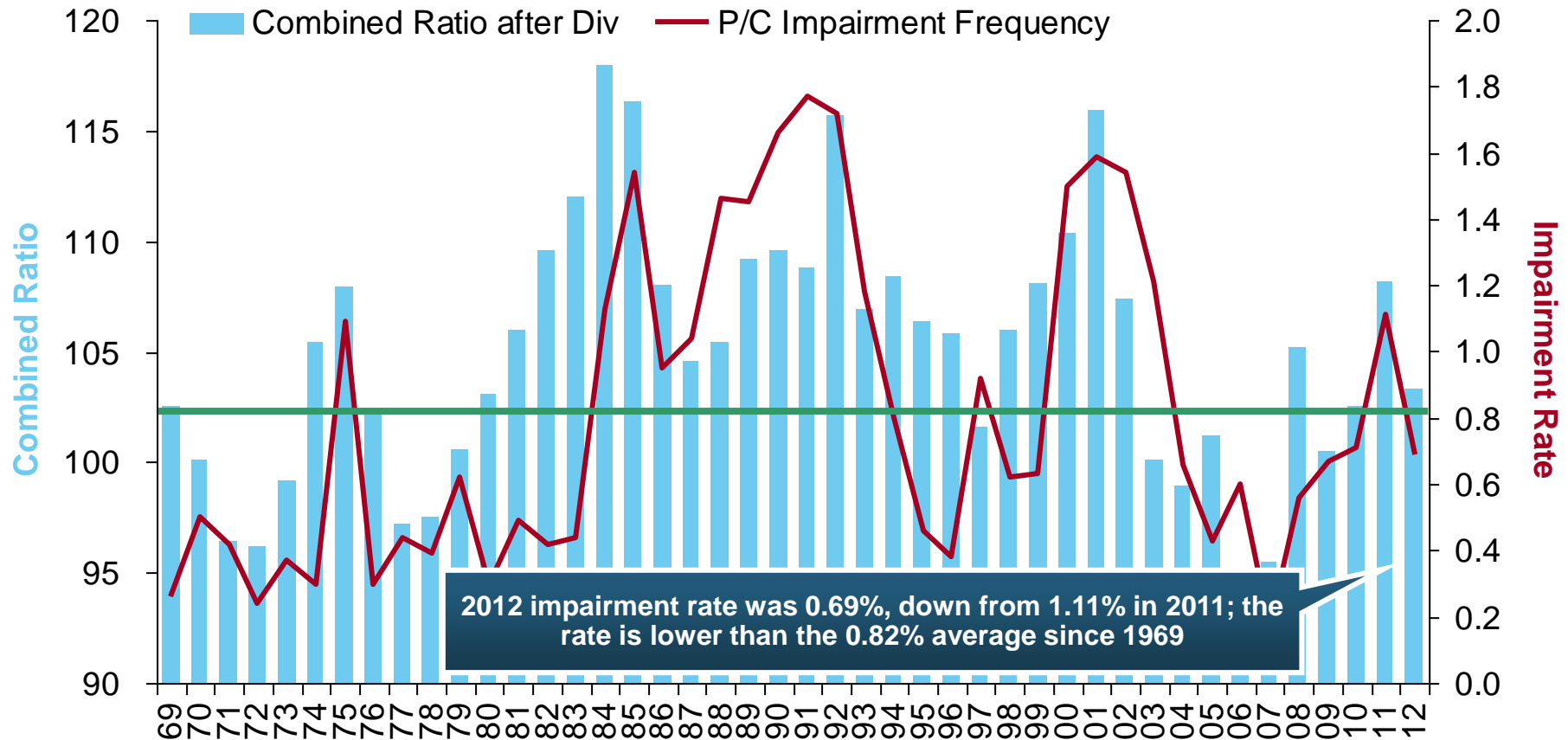
**Cyclical Pattern is P-C Impairment
History is Directly Tied to
Underwriting, Reserving & Pricing**

P/C Insurer Impairments, 1969–2012



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

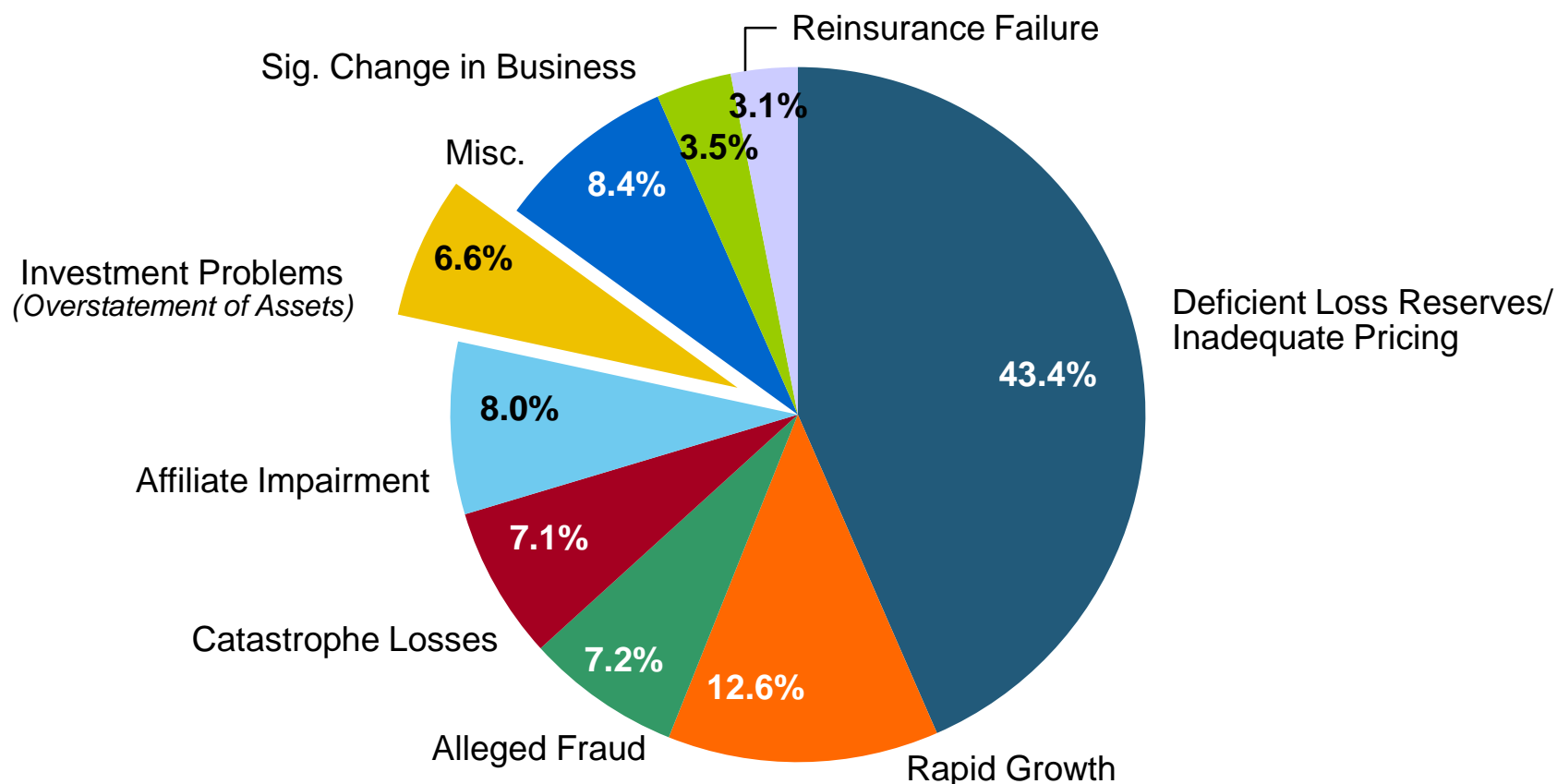
P/C Insurer Impairment Frequency vs. Combined Ratio, 1969-2012



Impairment Rates Are Highly Correlated With Underwriting Performance and Reached Record Lows in 2007; Recent Increase Was Associated Primarily With Mortgage and Financial Guaranty Insurers and Not Representative of the Industry Overall

Reasons for US P/C Insurer Impairments, 1969–2012

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



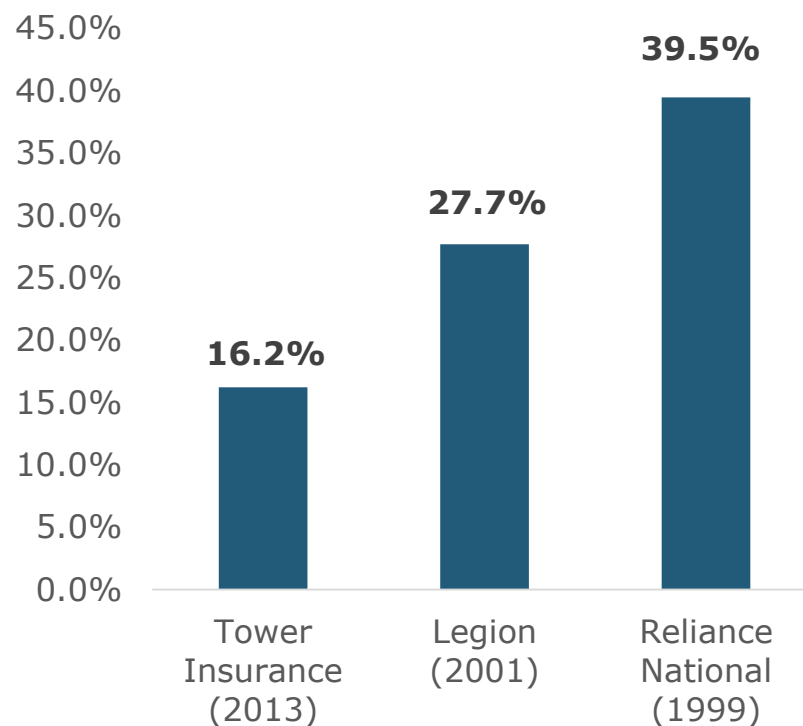
Source: A.M. Best Special Report "Pace of P/C Impairments Slowed in 2012; Auto Writers, RRGs Continued to Struggle," June 2013; Insurance Information Institute.

Rapid Growth 'A Leading Cause' of Impairment

“The leading causes of impairment are deficient loss reserves (inadequate pricing) and **rapid growth**, together comprising more than 50 percent of annual impairments.”

- A.M. Best, 2013

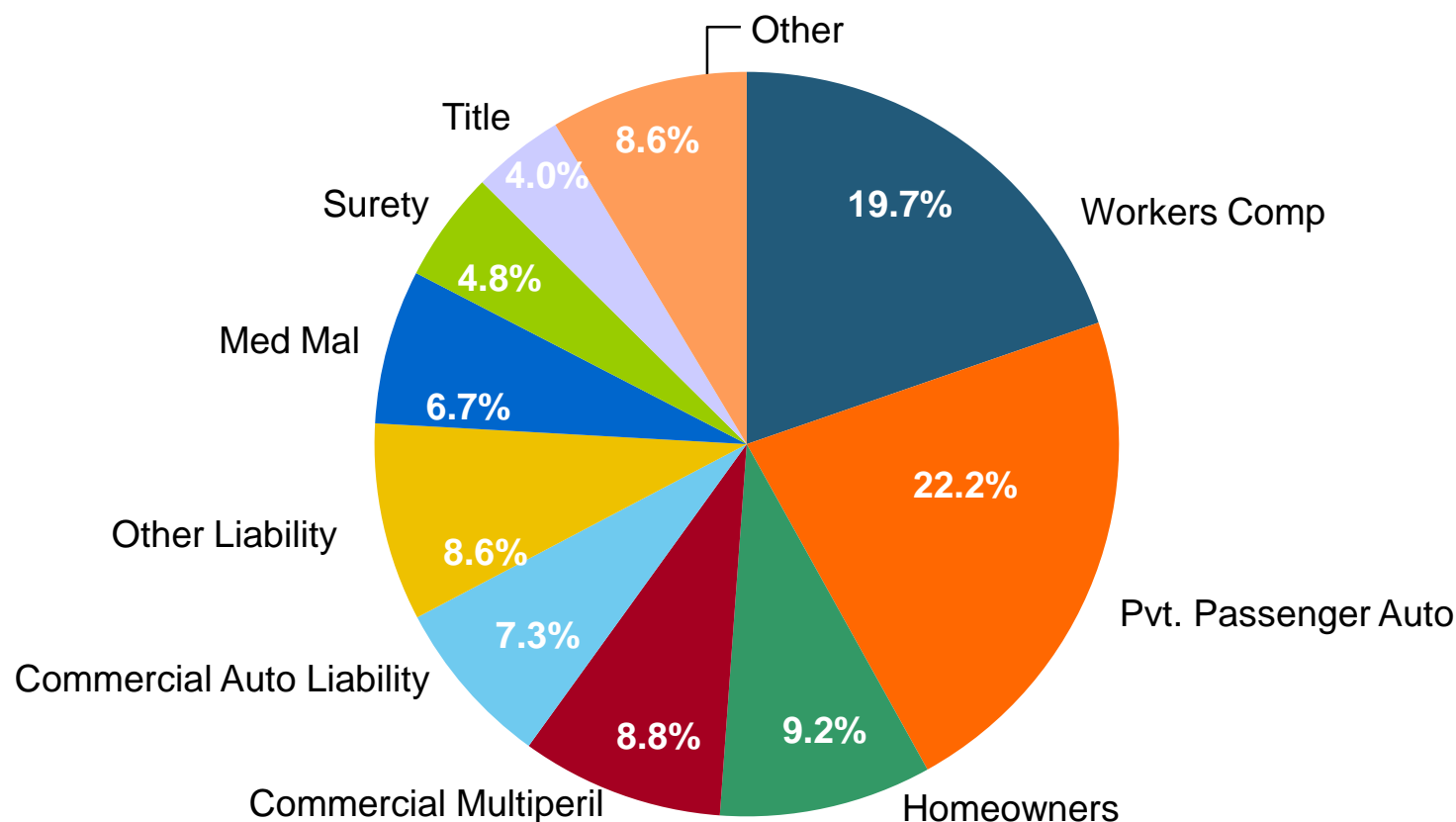
Annualized Growth in
Final Years



Source: SNL Financial, Insurance Information Institute.

Top 10 Lines of Business for US P/C Impaired Insurers, 2000–2012

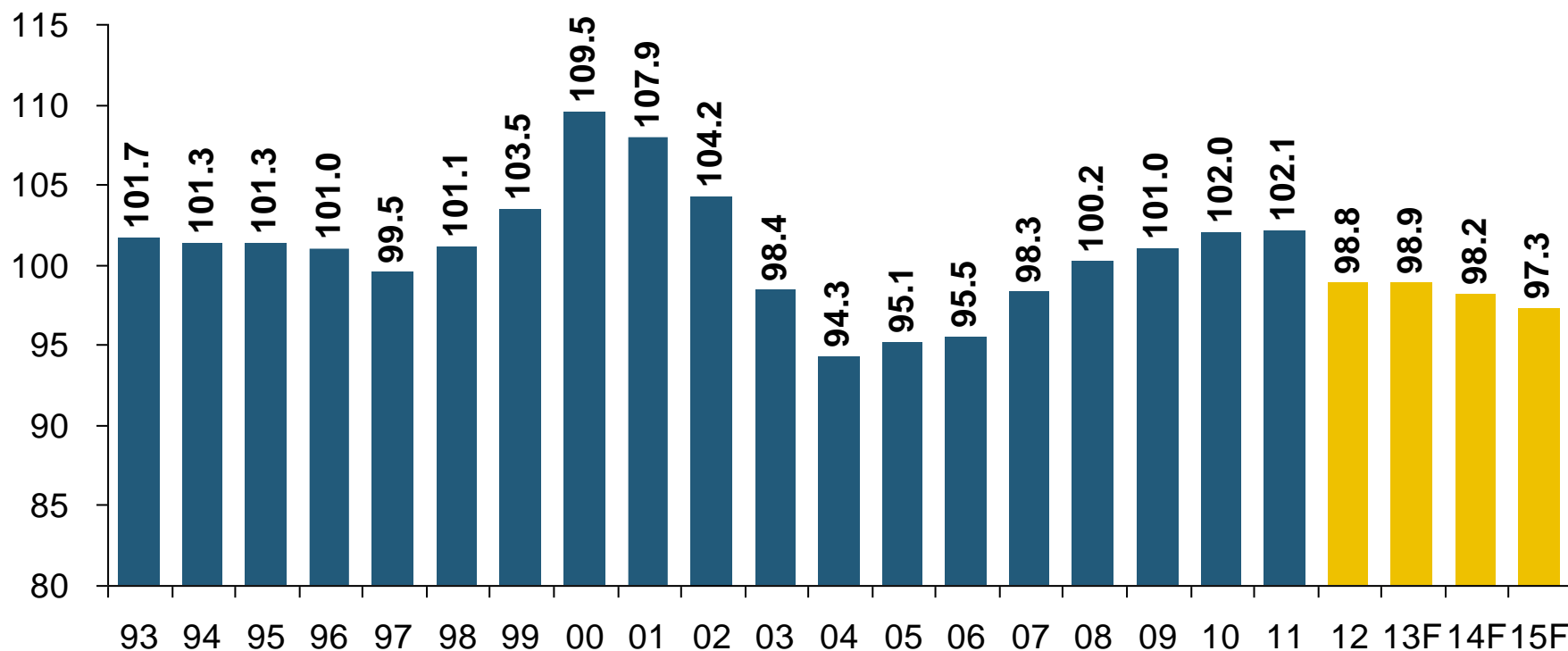
Workers Comp and Pvt. Passenger Auto Account for More Than 40 Percent of the Impaired Insurers Since 2000



Source: A.M. Best Special Report "Pace of P/C Impairments Slowed in 2012; Auto Writers, RRGs Continued to Struggle," June 2013; Insurance Information Institute.

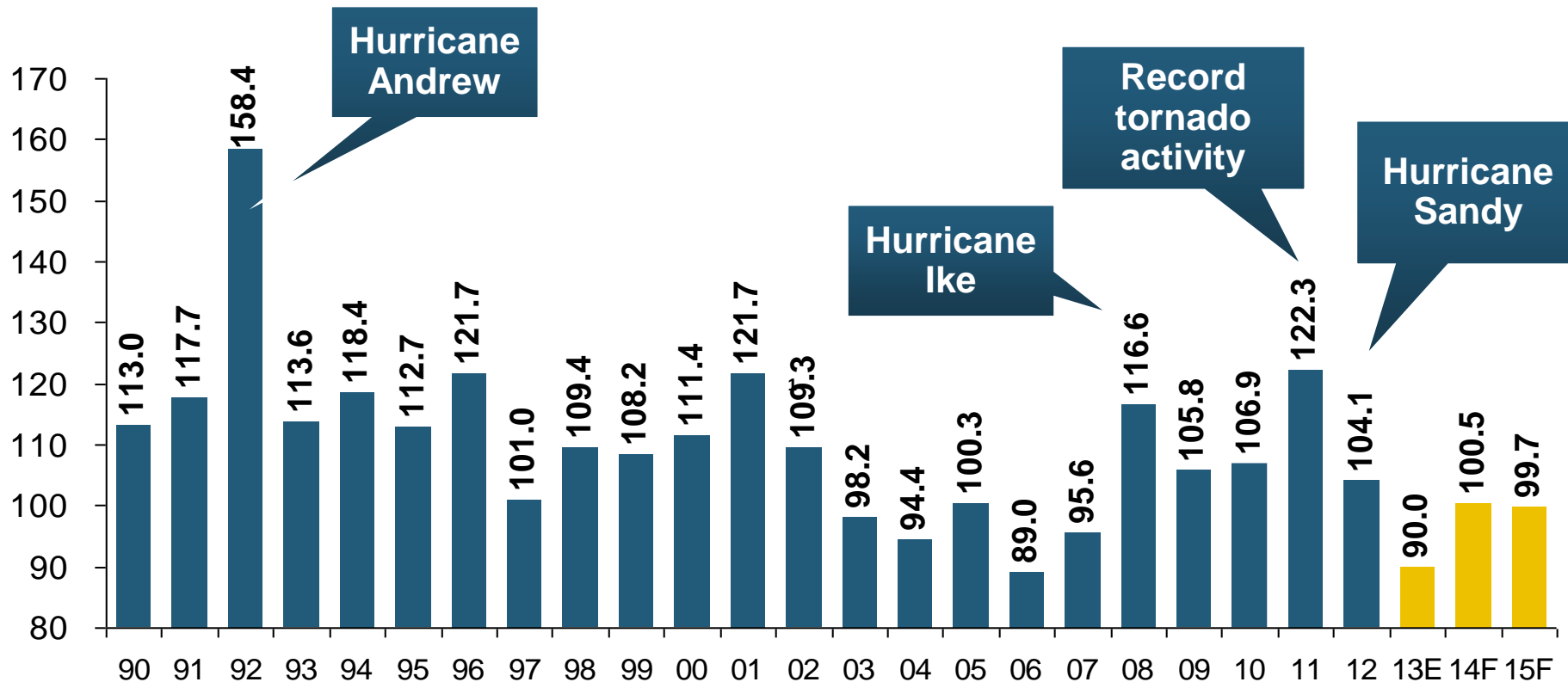
Performance by Segment

Private Passenger Auto Combined Ratio: 1993–2015F



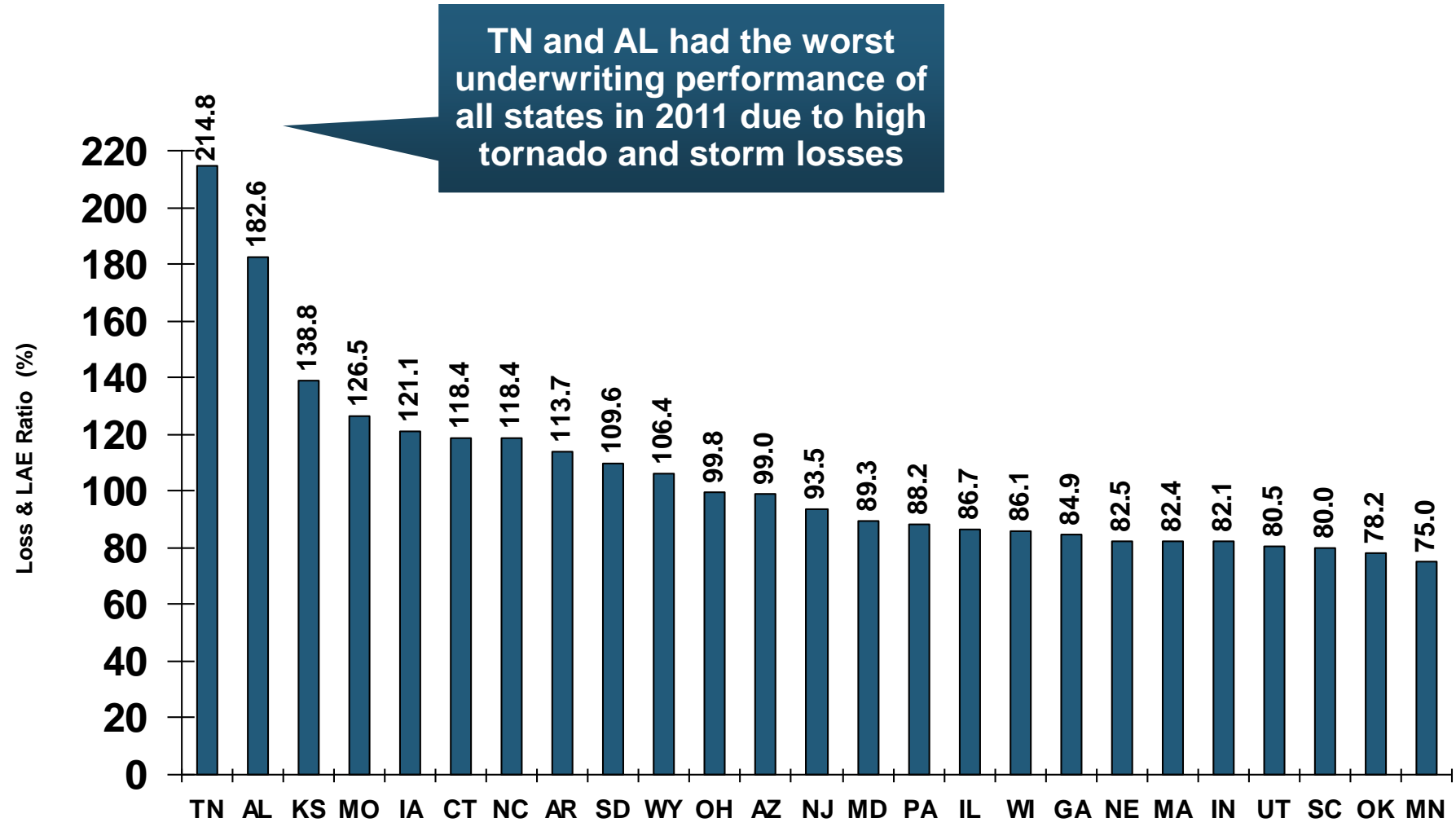
Private Passenger Auto Accounts for 34% of Industry Premiums and Remains the Profit Juggernaut of the P/C Insurance Industry

Homeowners Insurance Combined Ratio: 1990–2015F

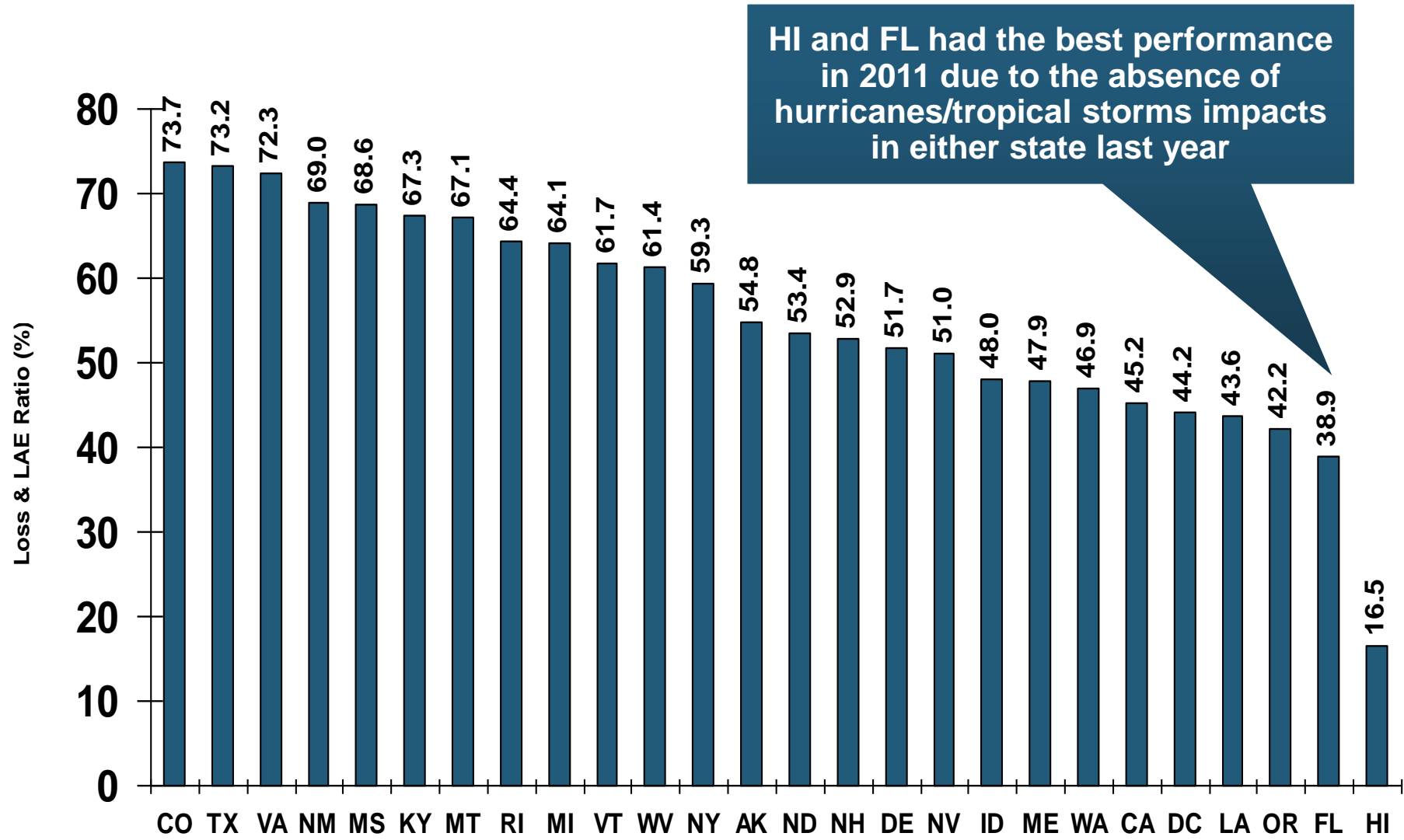


Low Cat Losses Led to 2013 Improvement. Homeowners Performance in 2011/12 Impacted by Large Cat Losses. Extreme Regional Variation Can Be Expected Due to Local Catastrophe Loss Activity

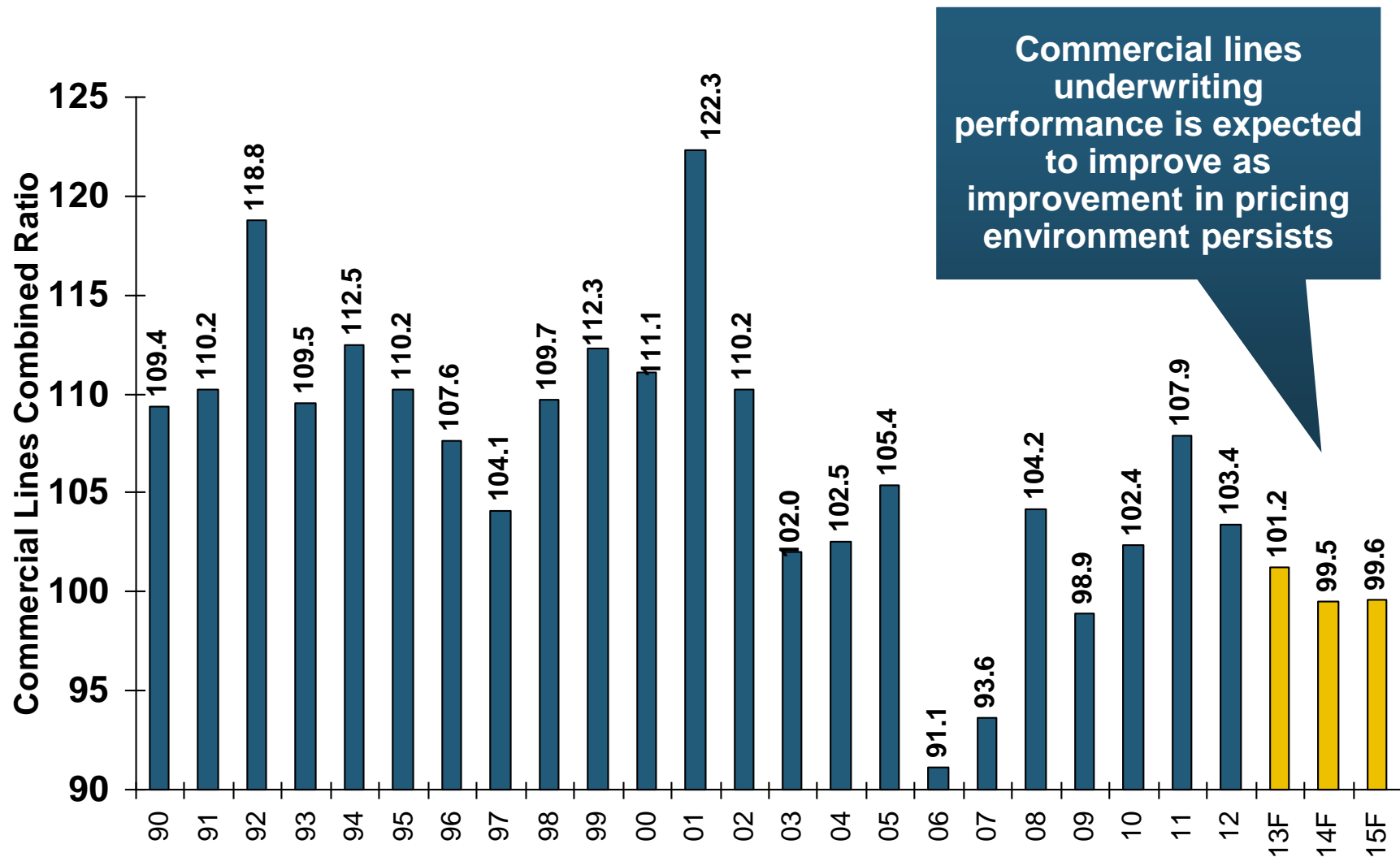
Homeowners Multi-Peril Loss & LAE Ratio, 2011: Highest 25 States



Homeowners Multi-Peril Loss & LAE Ratio, 2011: Lowest 25 States



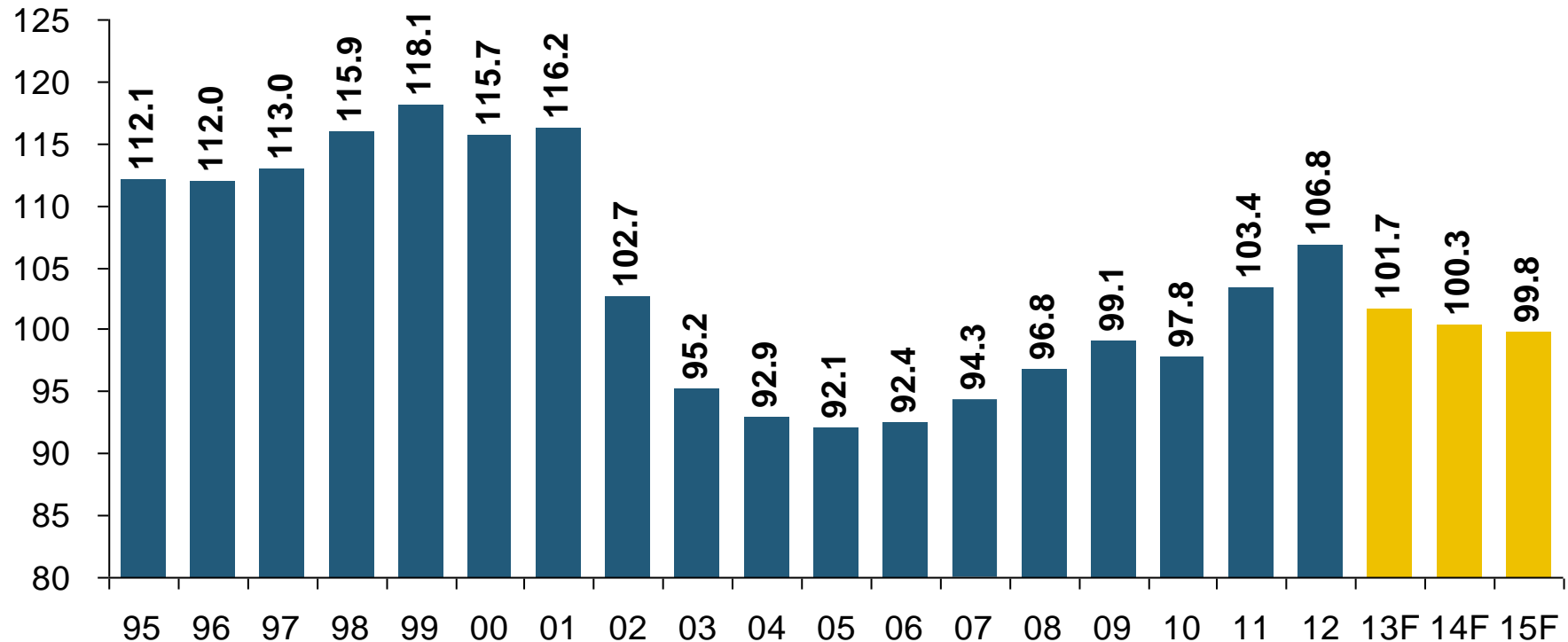
Commercial Lines Combined Ratio, 1990-2015F*



*2007-2012 figures exclude mortgage and financial guaranty segments.

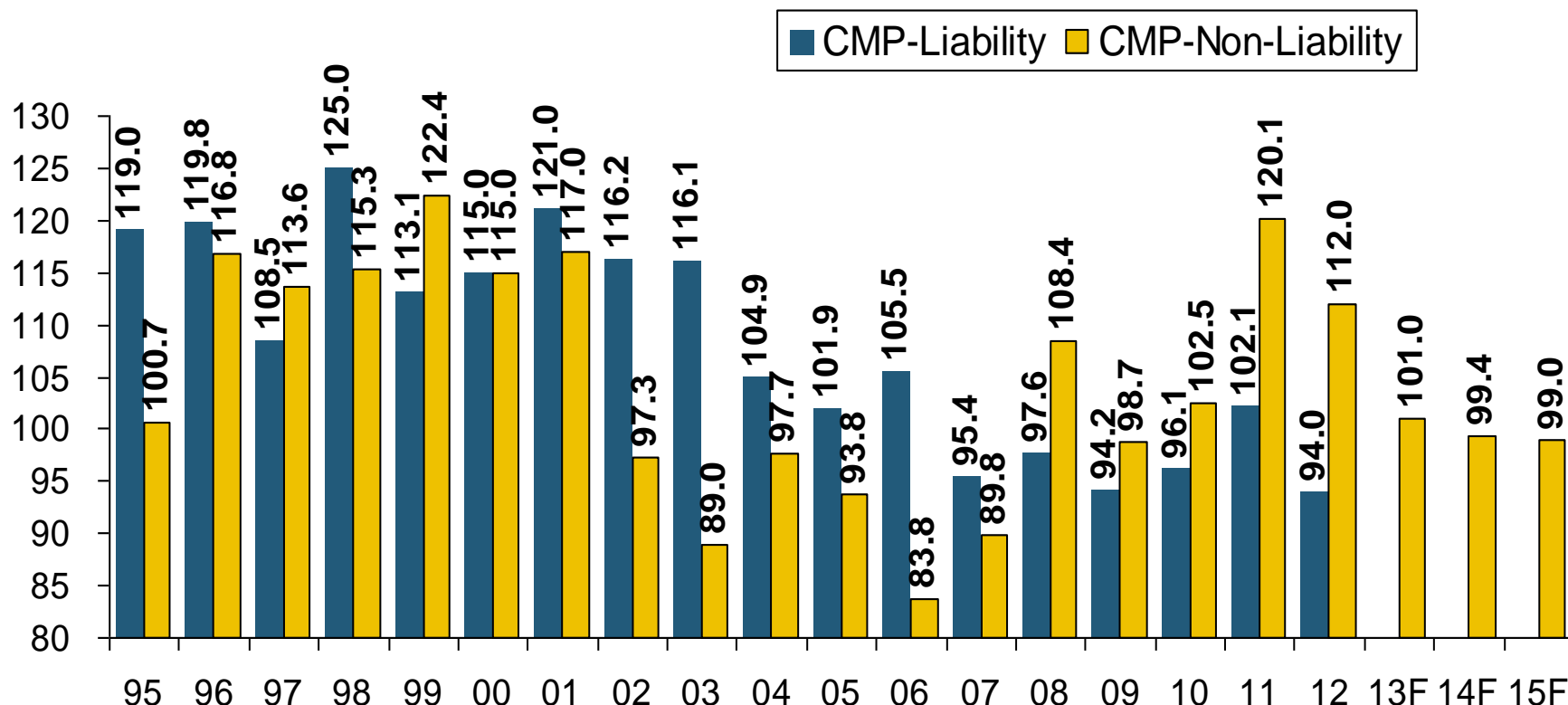
Source: A.M. Best (1990-2012); Conning (2013F-2015F) Insurance Information Institute

Commercial Auto Combined Ratio: 1993–2015F



Commercial Auto is Expected to Improve as Rate Gains Outpace Any Adverse Frequency and Severity Trends

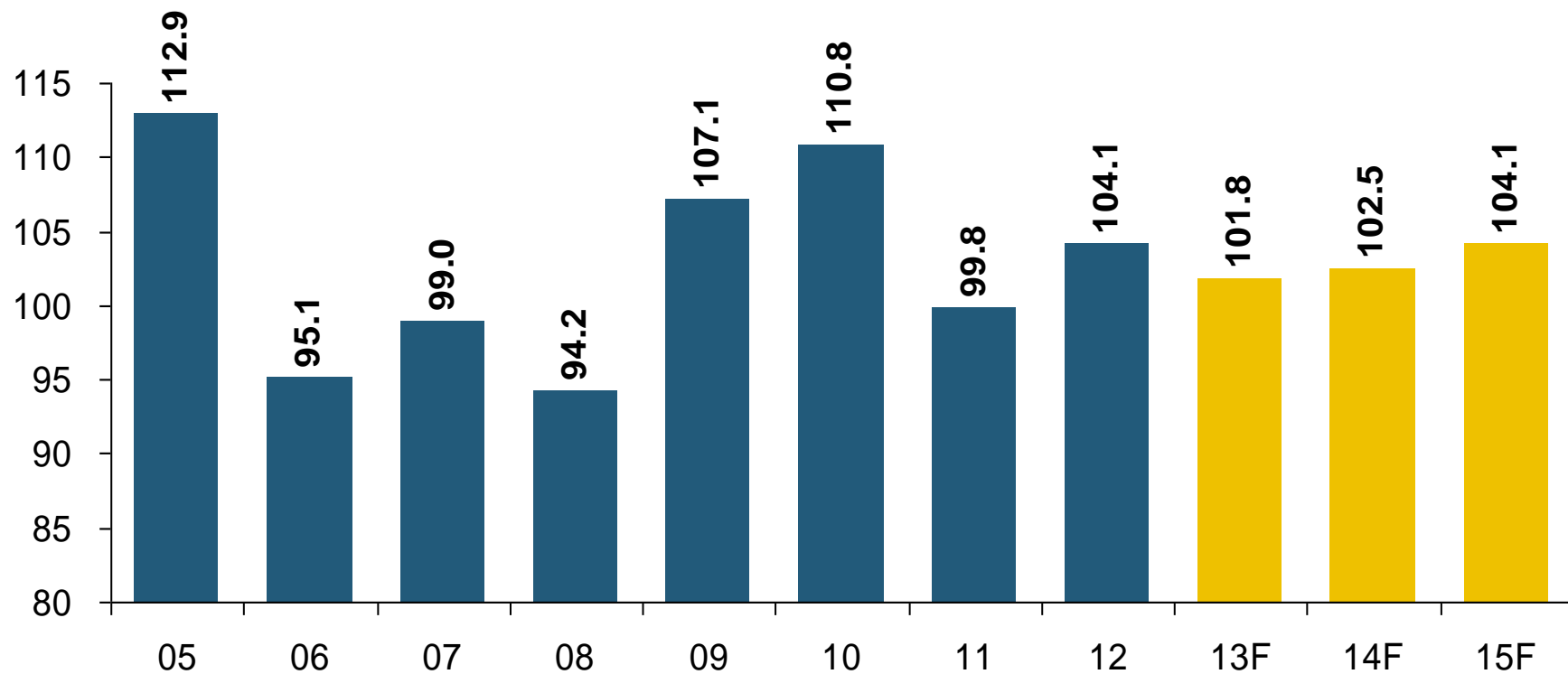
Commercial Multi-Peril Combined Ratio: 1995–2015F



Commercial Multi-Peril Underwriting Performance is Expected to Improve in 2013 Assuming Normal Catastrophe Loss Activity

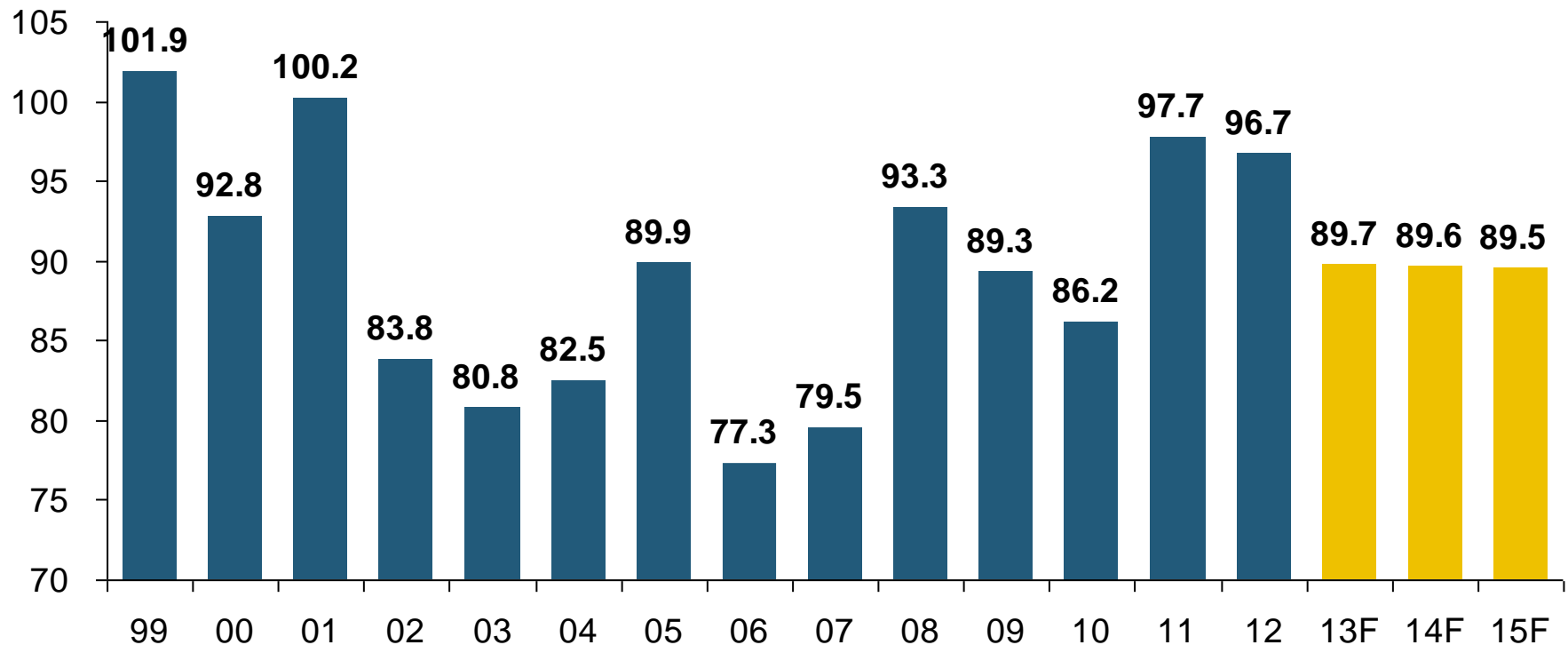
*2013F-2012F figures are Conning figures for the combined liability and non-liability components..
Sources: A.M. Best; Conning; Insurance Information Institute.

General Liability Combined Ratio: 2005–2015F



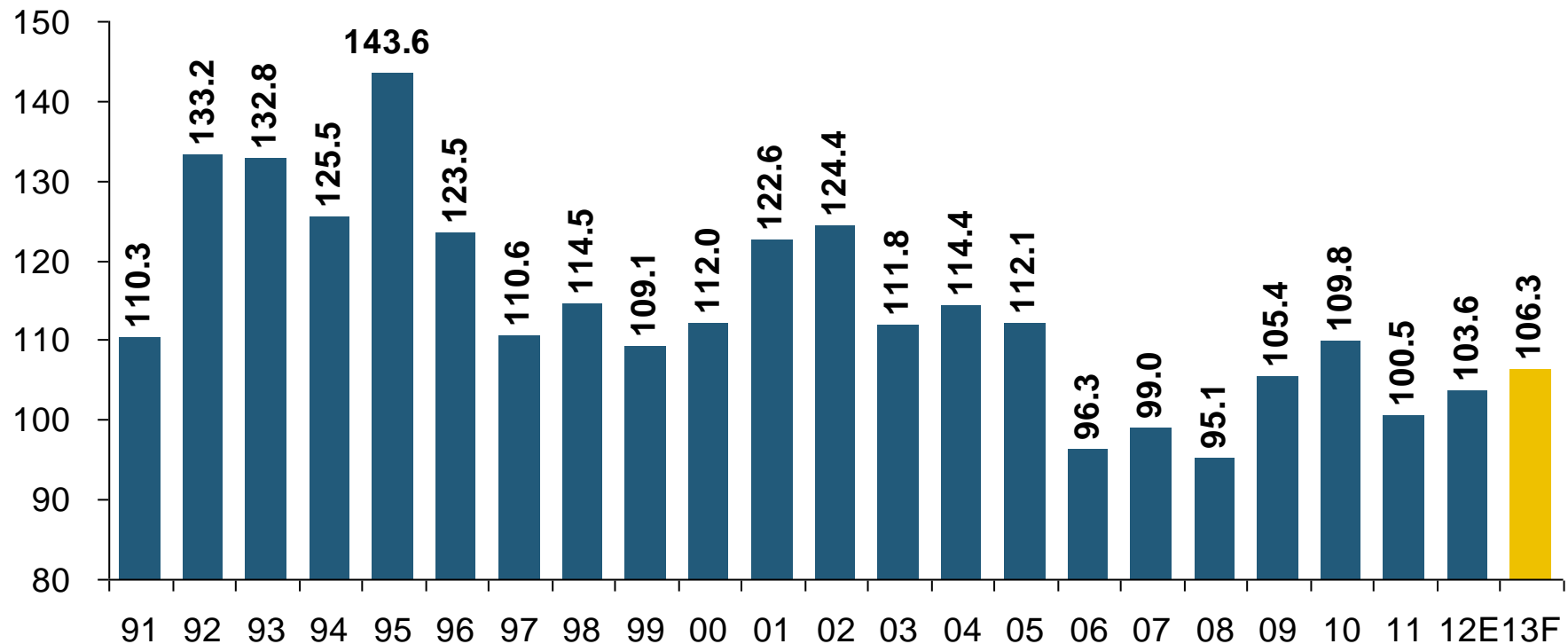
**Commercial General Liability Underwriting
Performance Has Been Volatile in Recent Years**

Inland Marine Combined Ratio: 1999–2015F



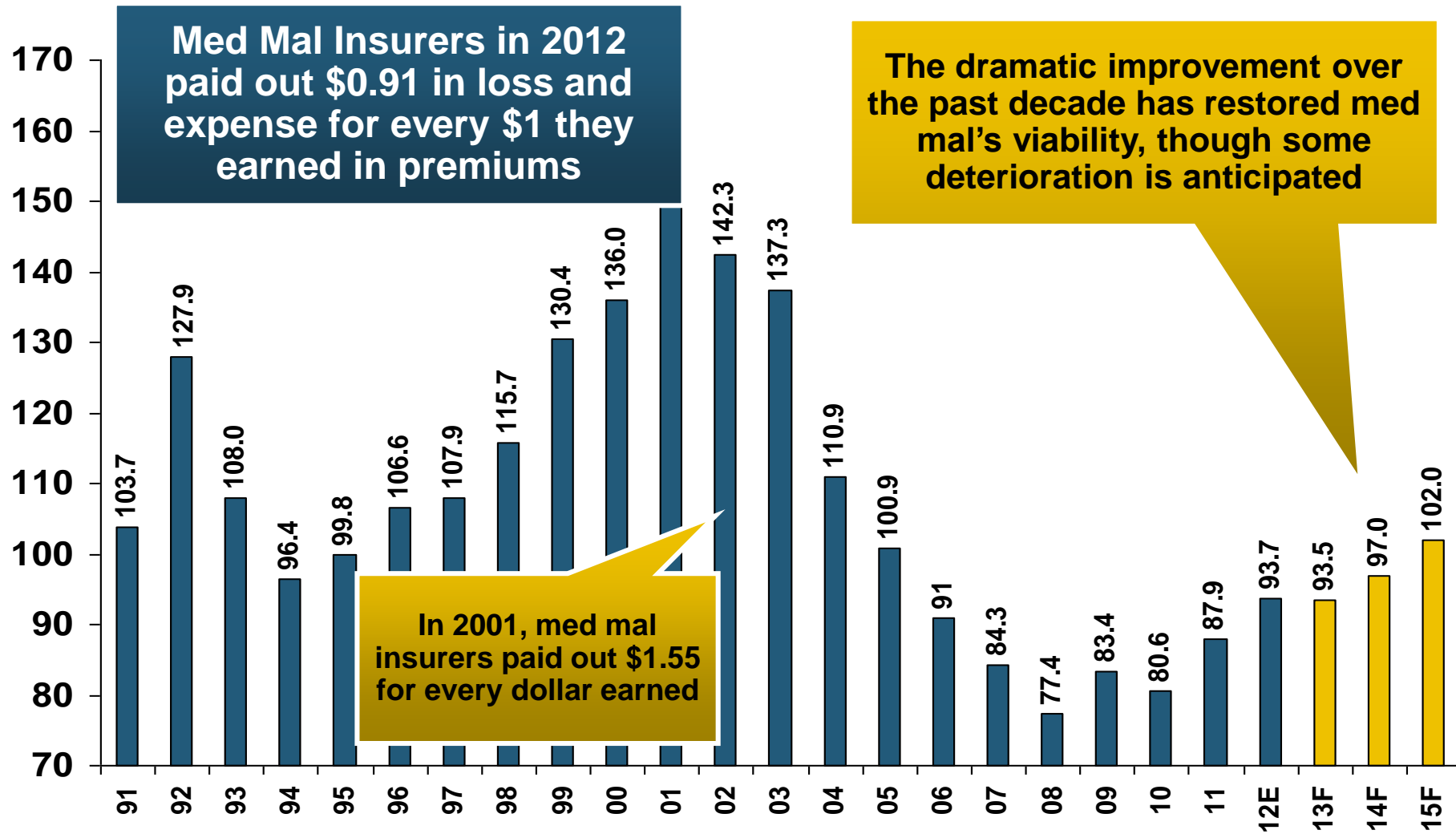
Inland Marine is Expected to Remain Among the Most Profitable of All Lines

Other & Products Liability Combined Ratio: 1991–2013F

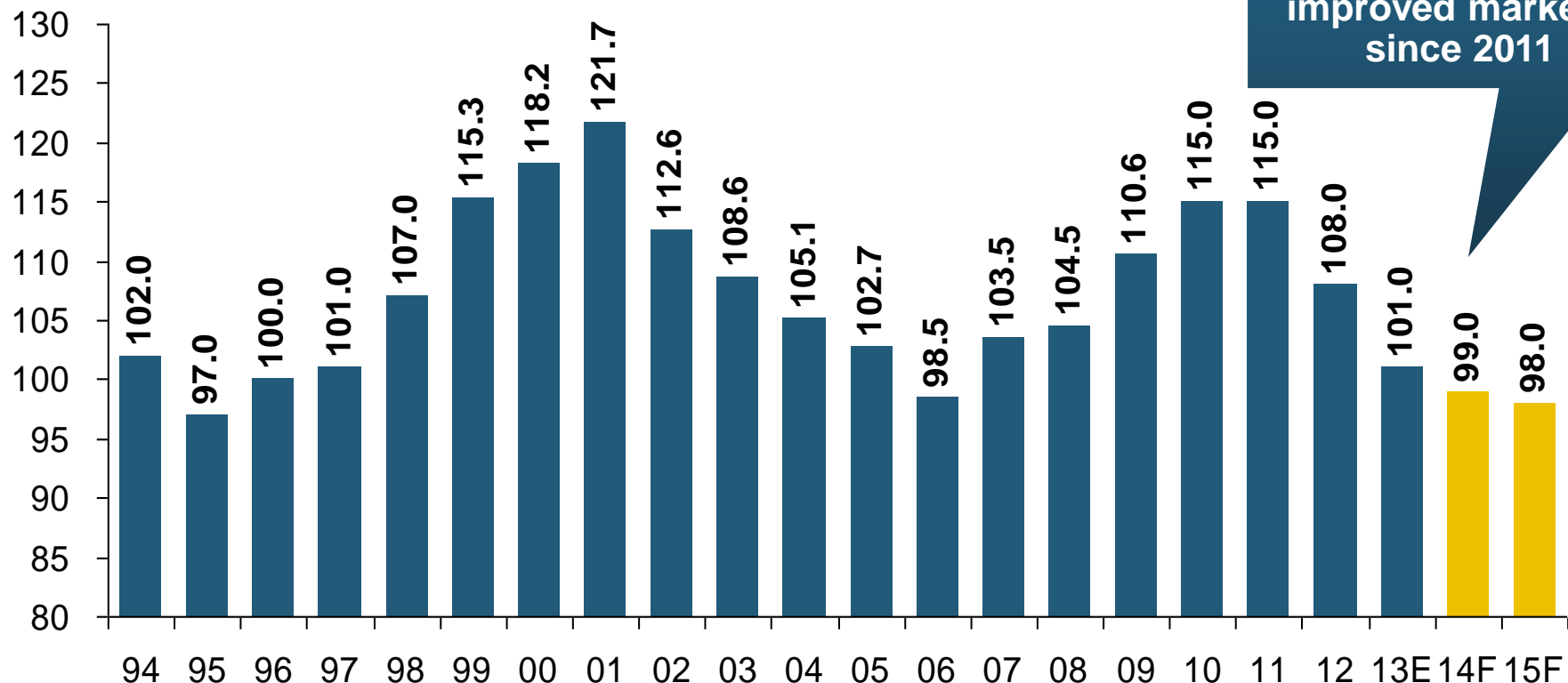


Liability Lines Have Performed Better in the Post-Tort Reform Era (~2005), but There Has Been Some Deterioration in Recent Years

Medical Malpractice Combined Ratio vs. All Lines Combined Ratio, 1991-2015F



Workers Compensation Combined Ratio: 1994–2015F



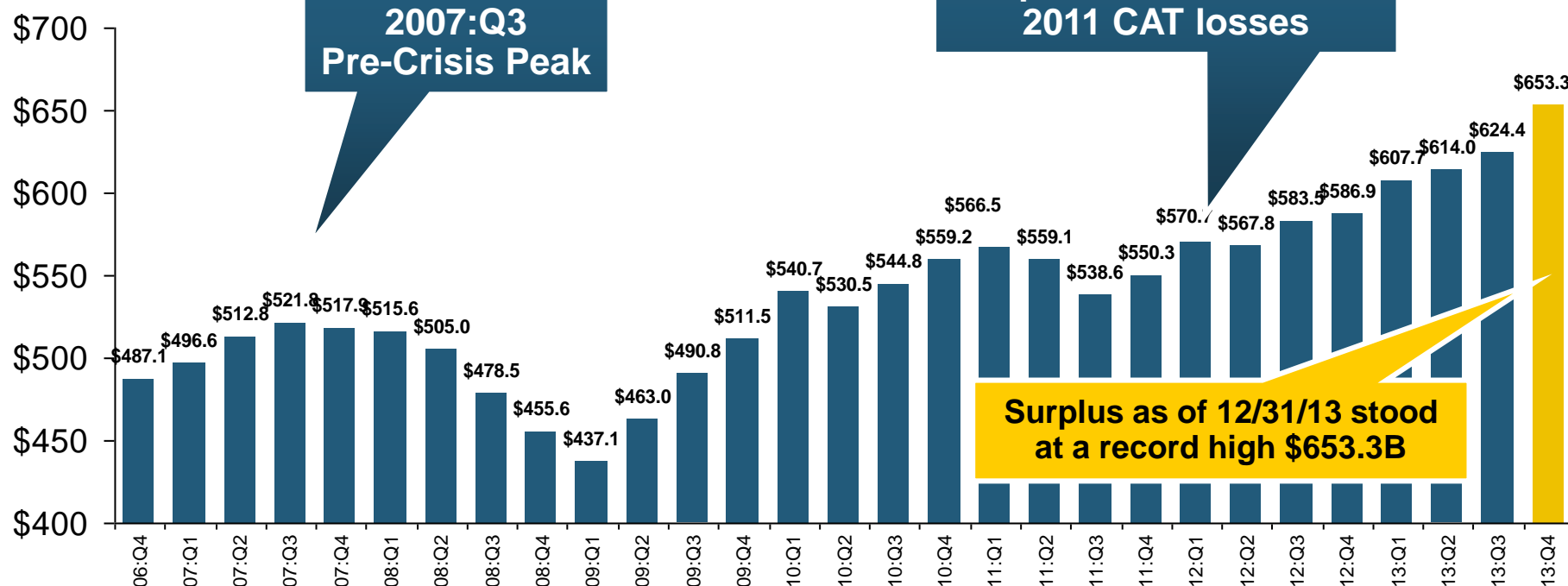
**Workers Comp Results Began to Improve in 2012.
Underwriting Results Deteriorated Markedly from 2007-
2010/11 and Were the Worst They Had Been in a Decade.**

SURPLUS/CAPITAL/CAPACITY

**2013 Recorded Yet Another
Record High in the Primary
and Reinsurance Sectors**

Policyholder Surplus, 2006:Q4–2013:Q4

(\$ Billions)



The industry now has \$1 of surplus for every \$0.73 of NPW, close to the strongest claims-paying status in its history.

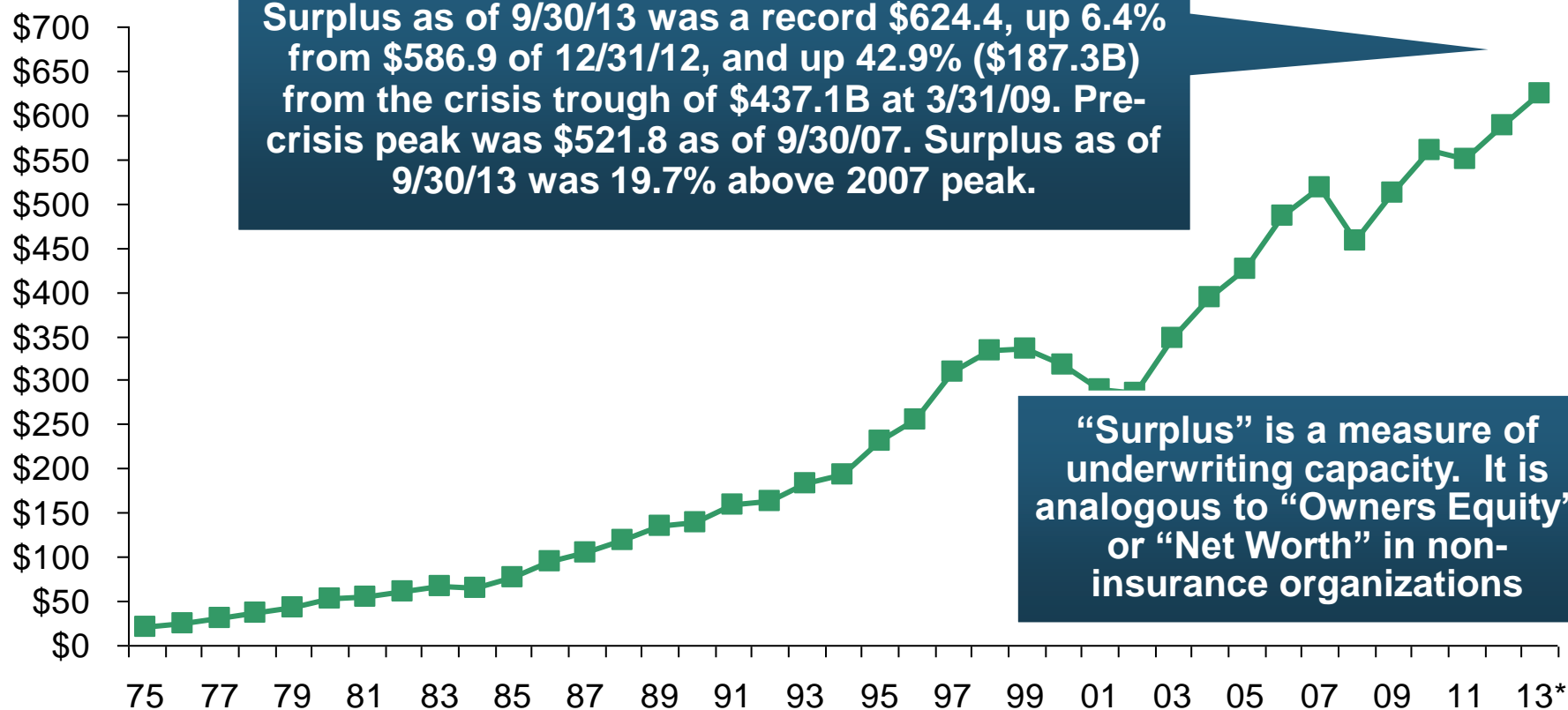
2010:Q1 data includes \$22.5B of paid-in capital from a holding company parent for one insurer's investment in a non-insurance business.

Sources: ISO, A.M. Best.

The P/C insurance industry entered 2014 in very strong financial condition.

US Policyholder Surplus: 1975–2013*

(\$ Billions)

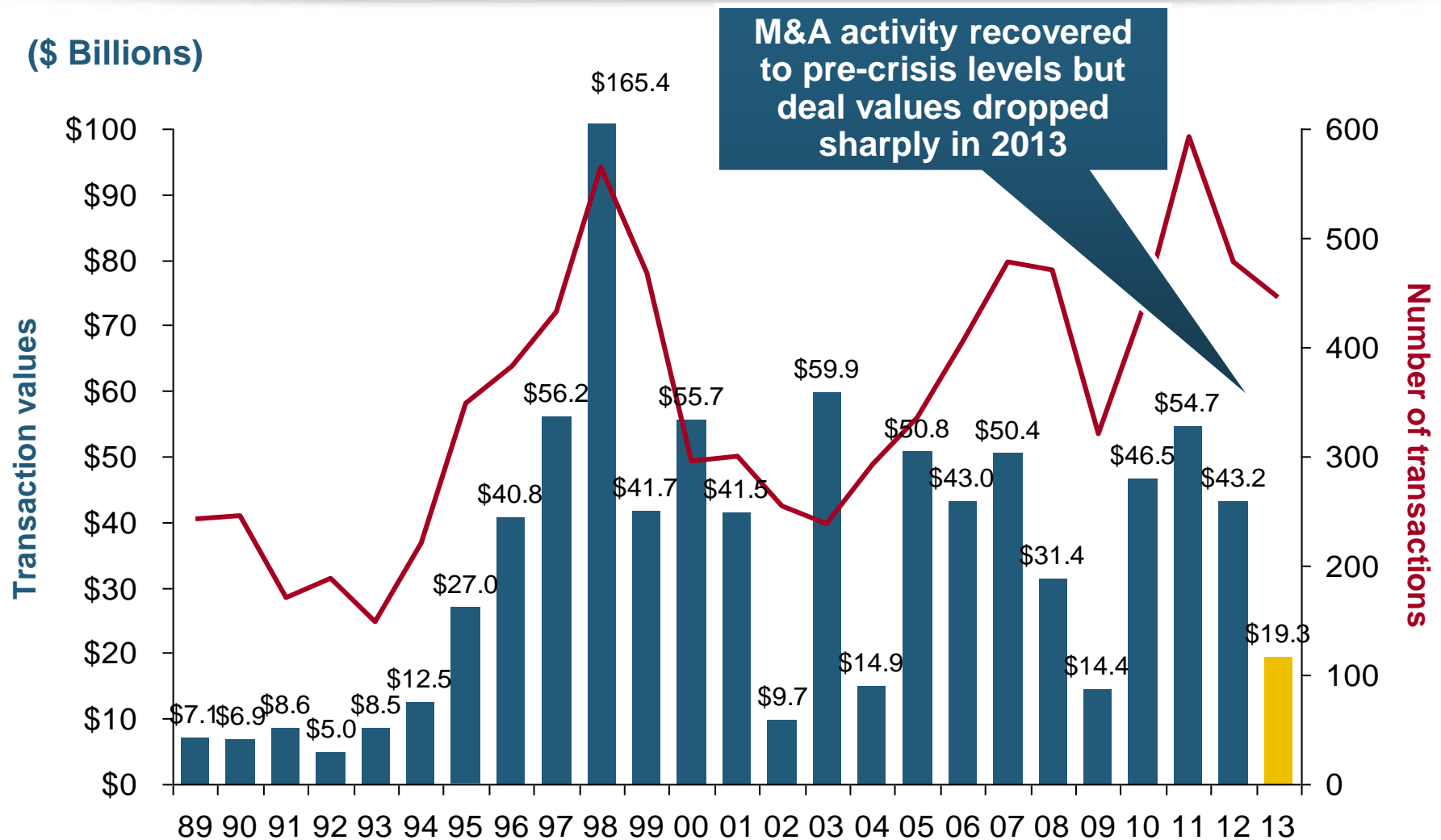


The Premium-to-Surplus Ratio Stood at \$0.78:\$1 as of 9/30/13, a Near Record Low (at Least in Recent History)*

* As of 9/30/13.

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

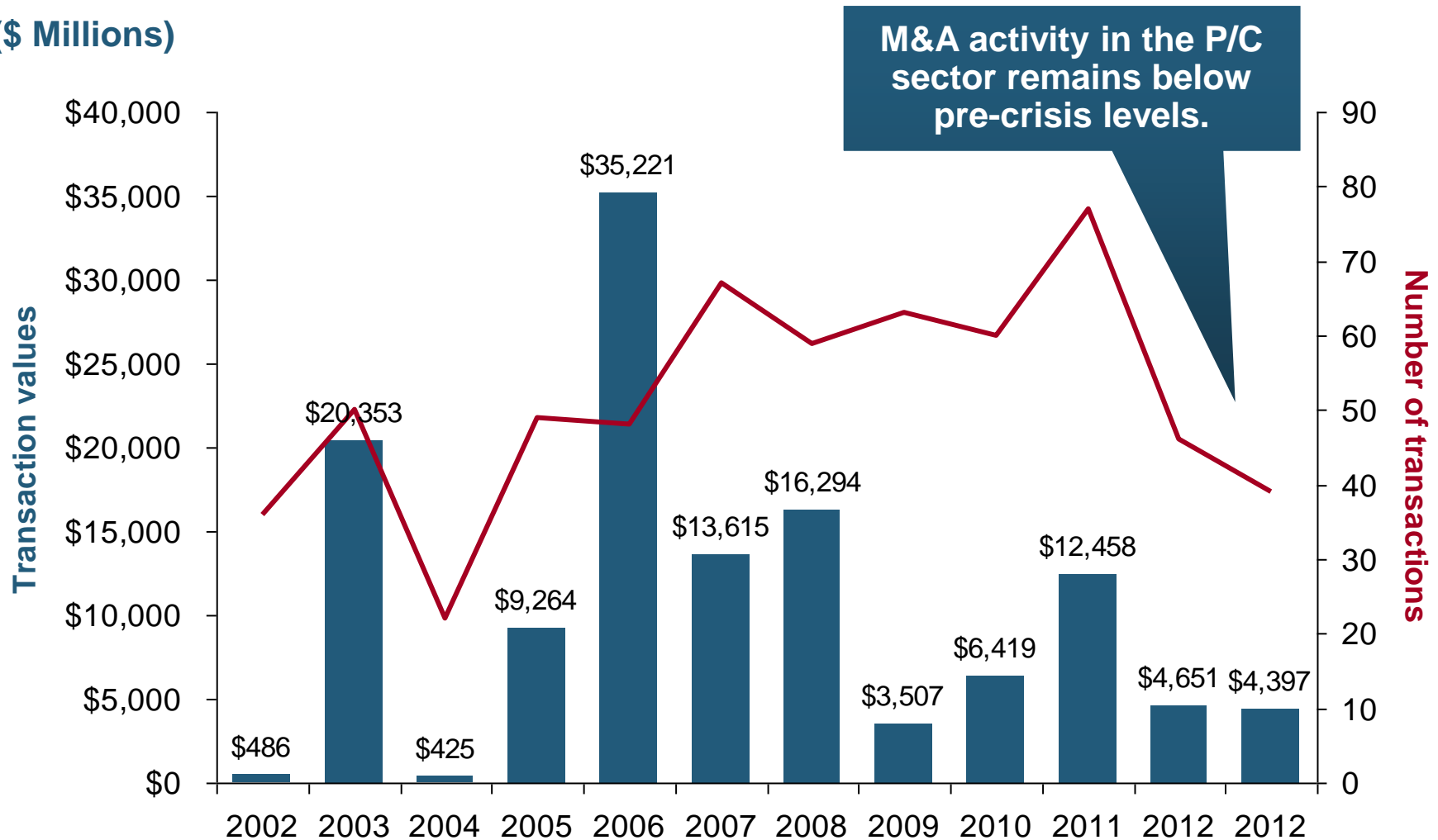
U.S. INSURANCE MERGERS AND ACQUISITIONS, All Sectors, 1989-2013 (1)



(1) Includes transactions where a U.S. company was the acquirer and/or the target.

U.S. INSURANCE MERGERS AND ACQUISITIONS, P/C SECTOR, 2002-2013 (1)

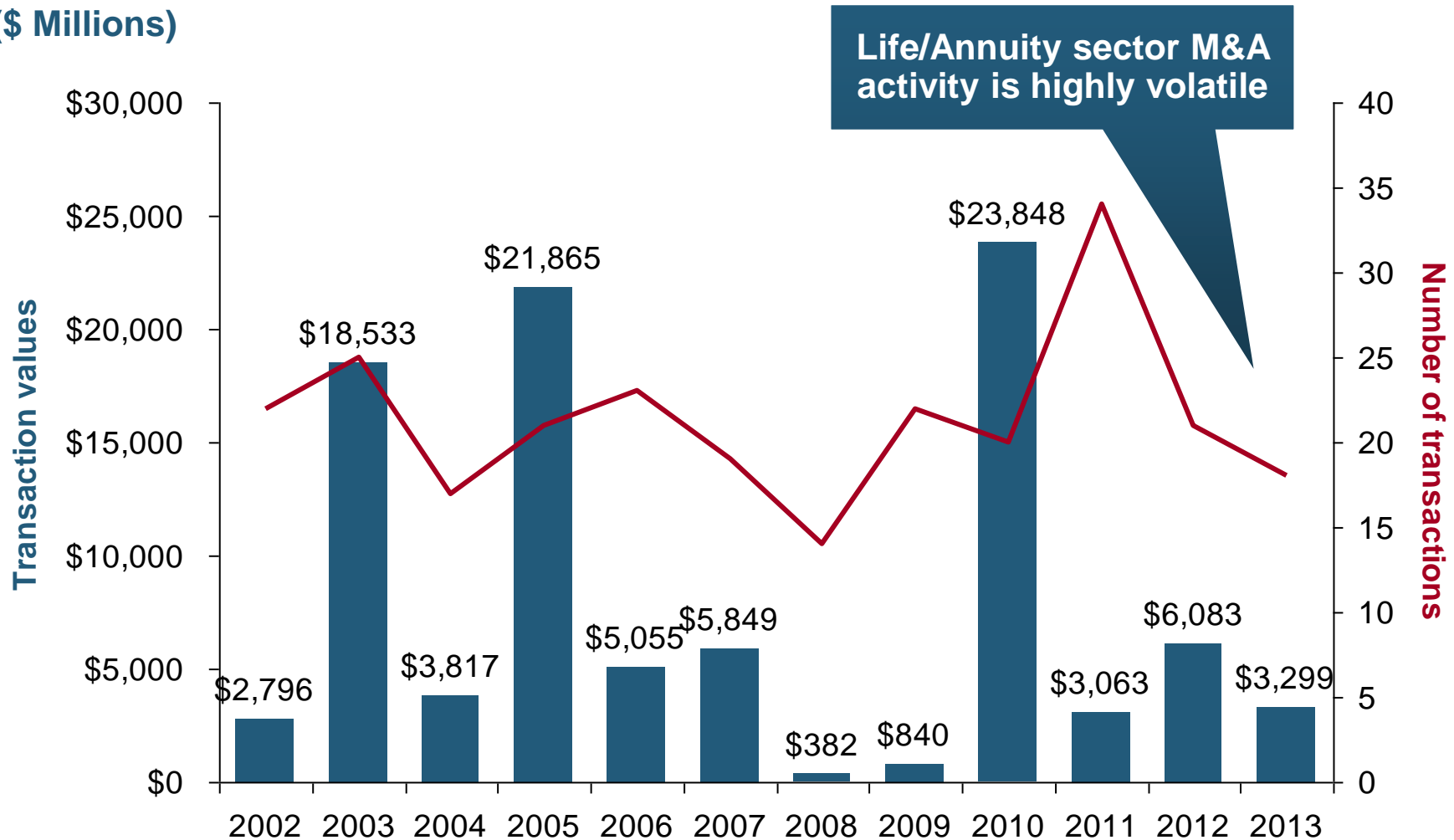
(\$ Millions)



(1) Includes transactions where a U.S. company was the acquirer and/or the target.

U.S. INSURANCE MERGERS AND ACQUISITIONS, LIFE/ANNUITY SECTOR, 2002-2013 (1)

(\$ Millions)

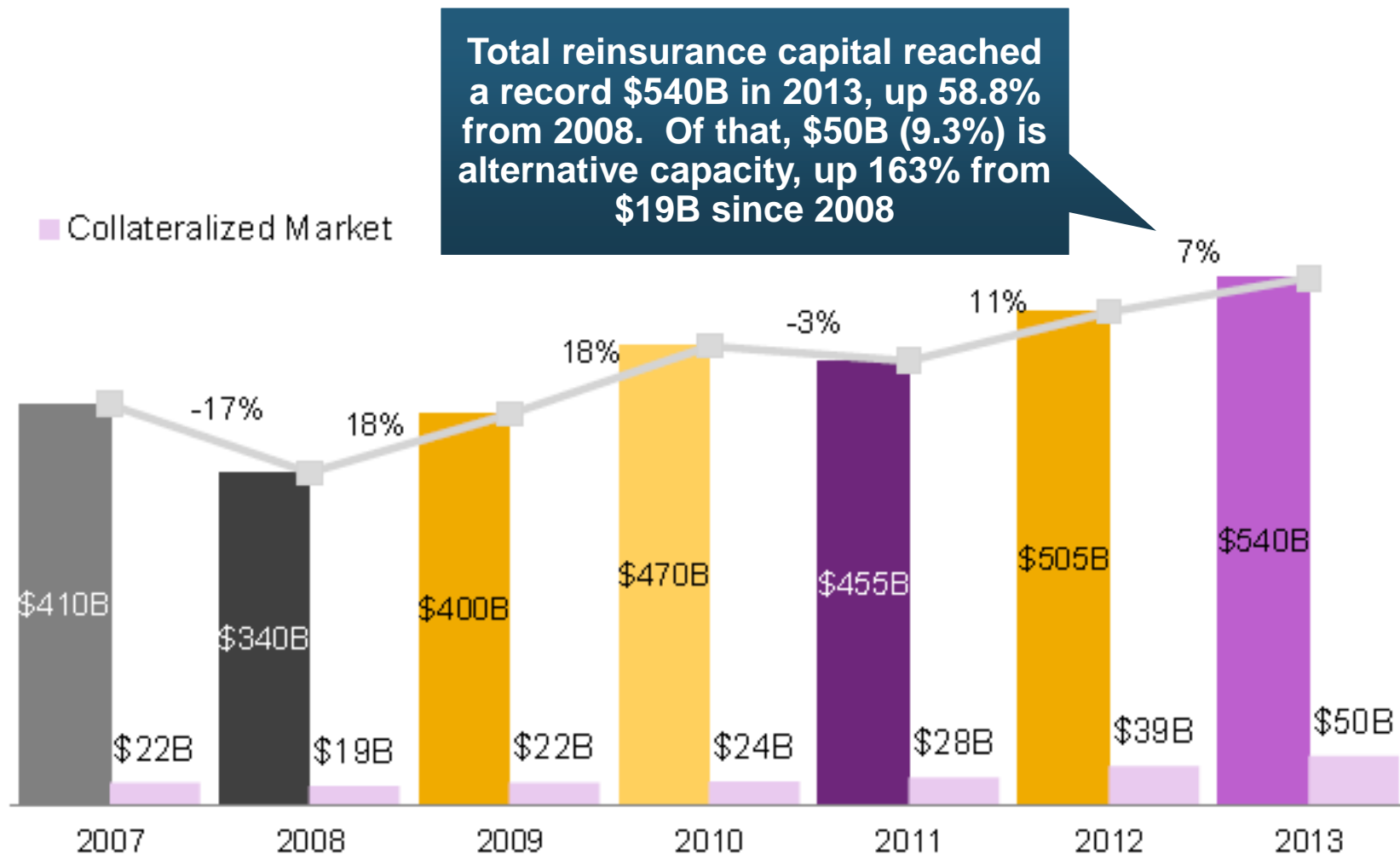


(1) Includes transactions where a U.S. company was the acquirer and/or the target.

REINSURANCE MARKET CONDITIONS

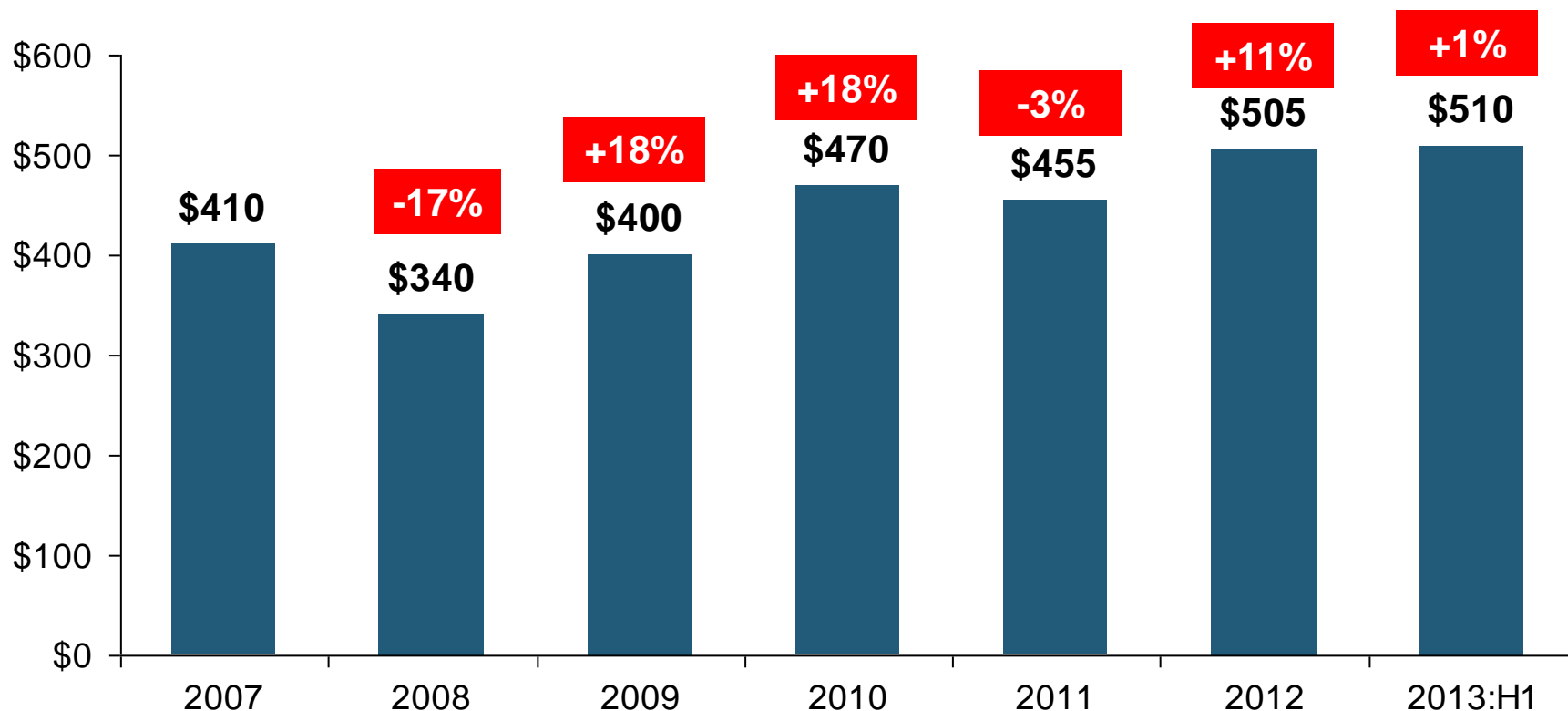
**Ample Capacity as
Alternative Capital is
Transforming the
Market—And Pushing
Down Prices**

Global Reinsurance Capital (Traditional and Alternative), 2007 - 2013



Global Reinsurer Capital, 2007-2013:H1*

(\$ Billions)

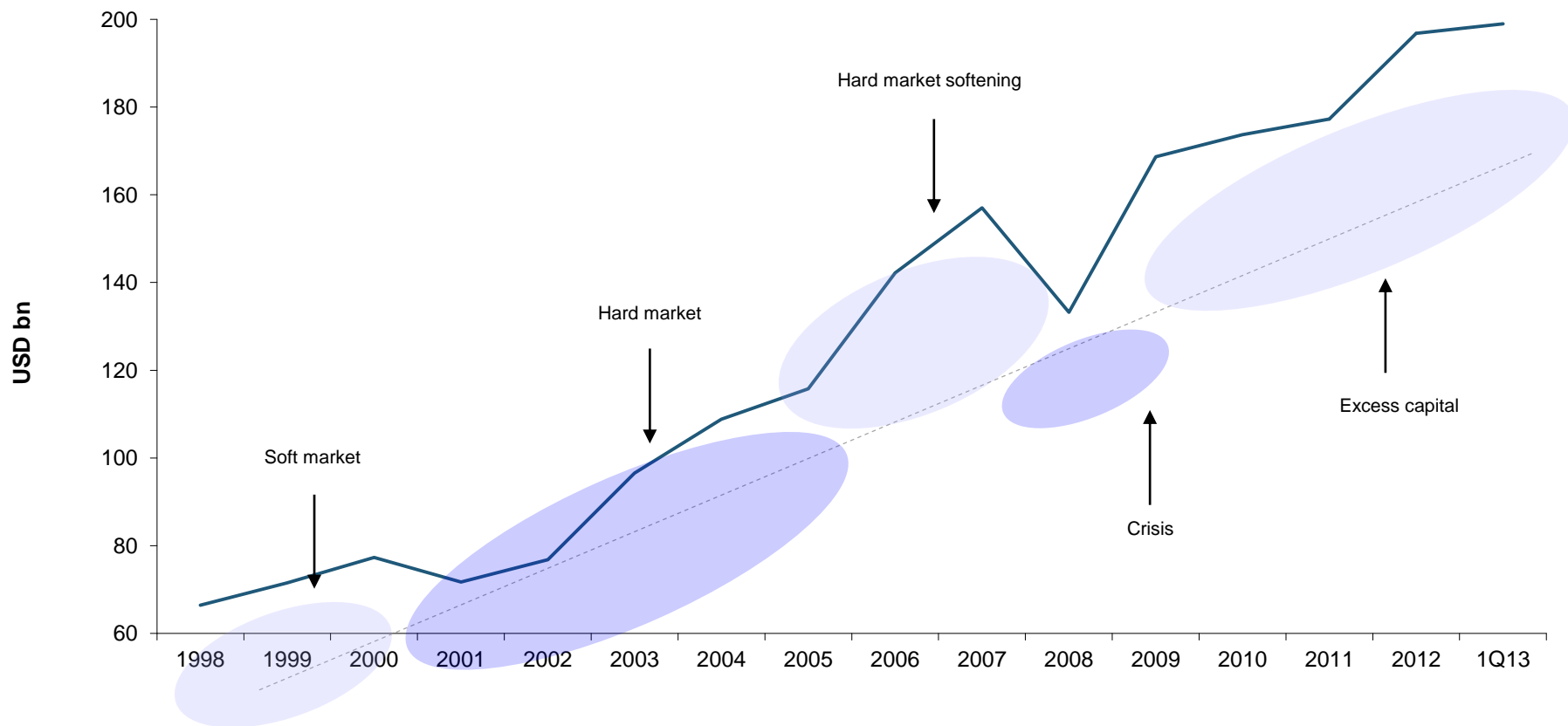


Global Reinsurance Capital Has Been Trending Generally Upward Since the Global Financial Crisis, a Trend that Seems Likely to Continue

*Includes both traditional and non-traditional forms of reinsurance capital.

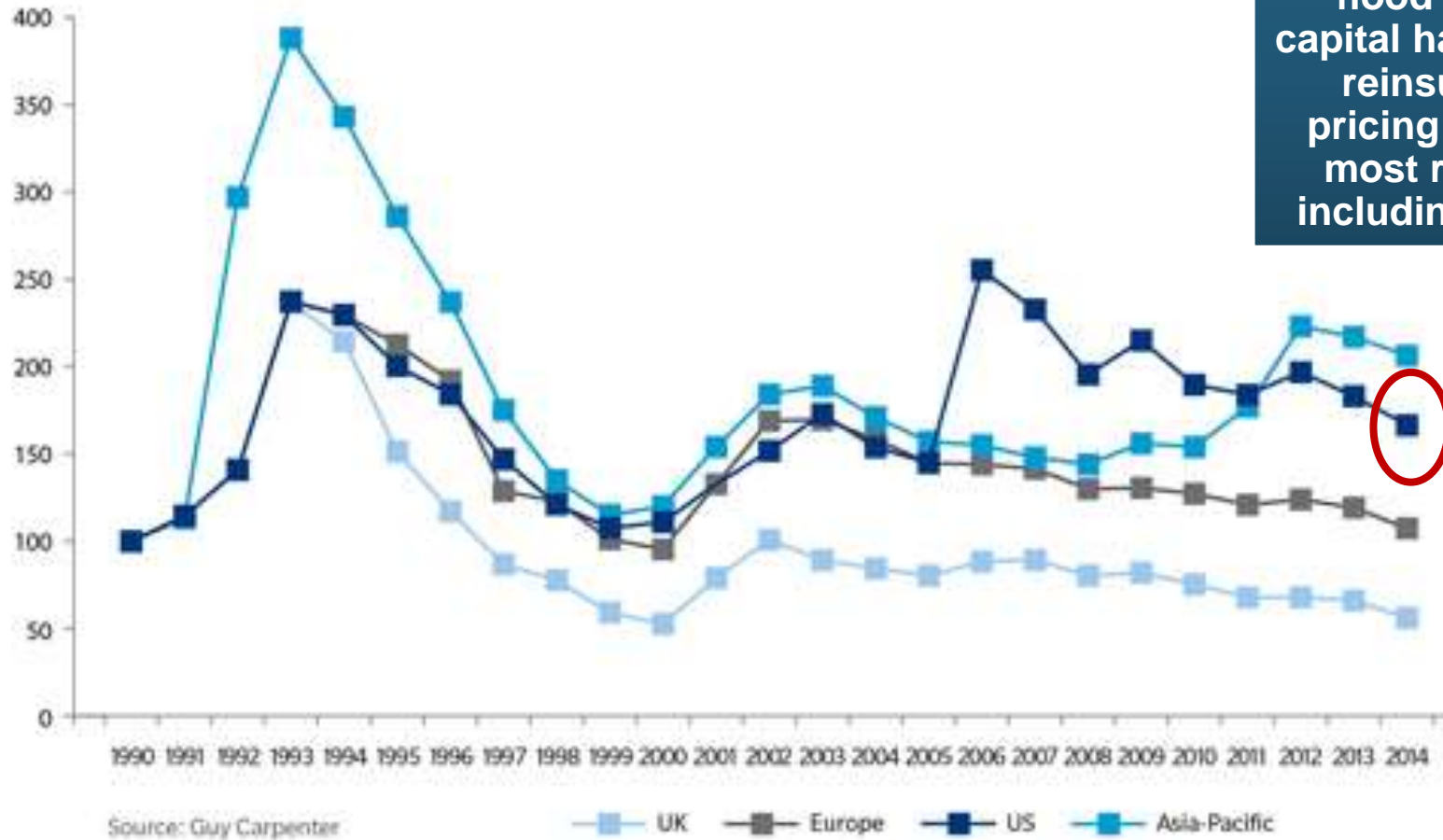
Source: Aon Benfield Aggregate study for the 6 months ending June 2013; Insurance Information Institute.

Long-Term Evolution of Shareholders' Funds for the Guy Carpenter Global Reinsurance Composite



Reinsurance Pricing: Rate-on-Line Index by Region, 1990 – 2014*

F-10 | REGIONAL PROPERTY CATASTROPHE ROL INDEX – 1990 TO 2014



Lower CATs and a flood of new capital has pushed reinsurance pricing down in most regions, including the US

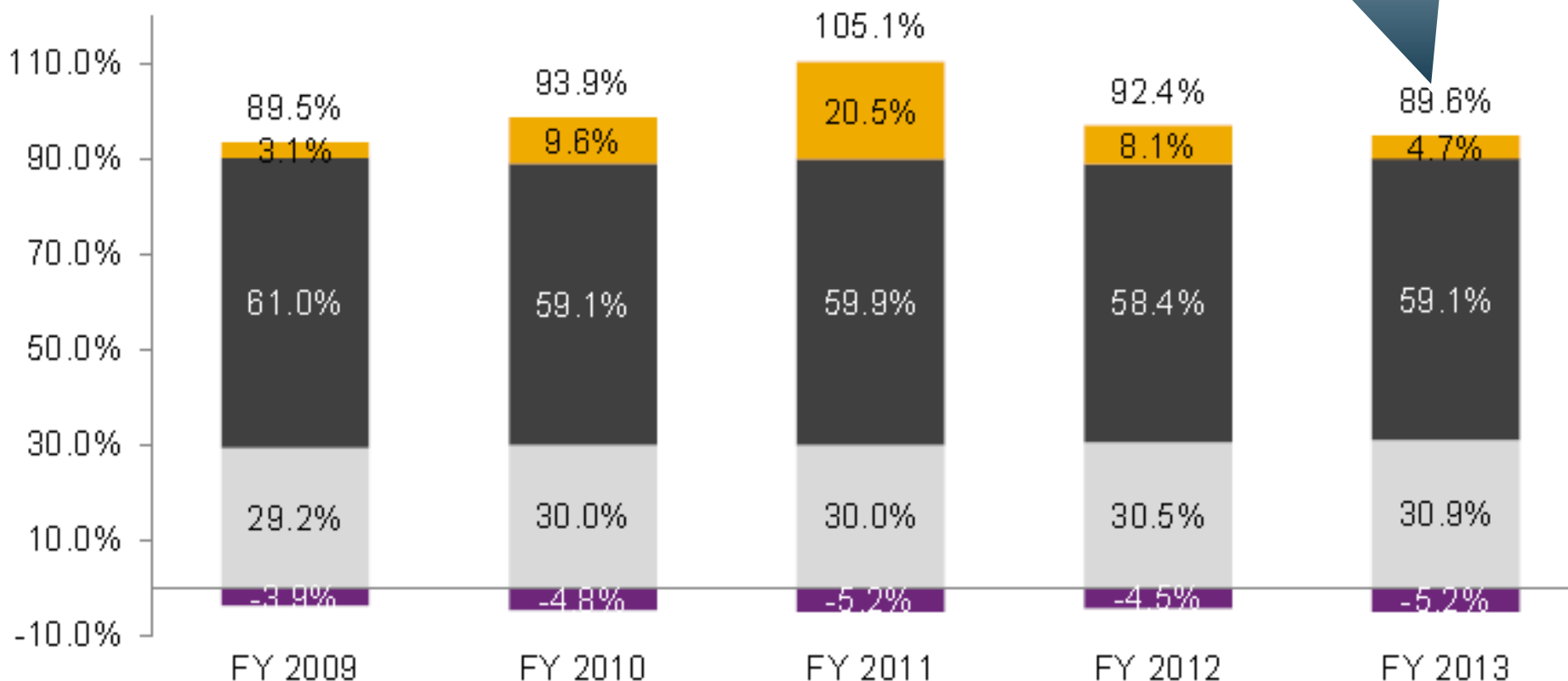
*As of Jan. 1.

Source: Guy Carpenter

Reinsurer Combined Ratios (Aon Benfield Aggregate), 2007 - 2013

Reinsurers posted a combined under 90 in 2013, the best result since 2009

■ Prior year reserve adjustment ■ Expense ratio ■ Attritional loss ratio ■ Total catastrophe losses



Sources of Reinsurance Capital Change: YE 2012 to YE 2013

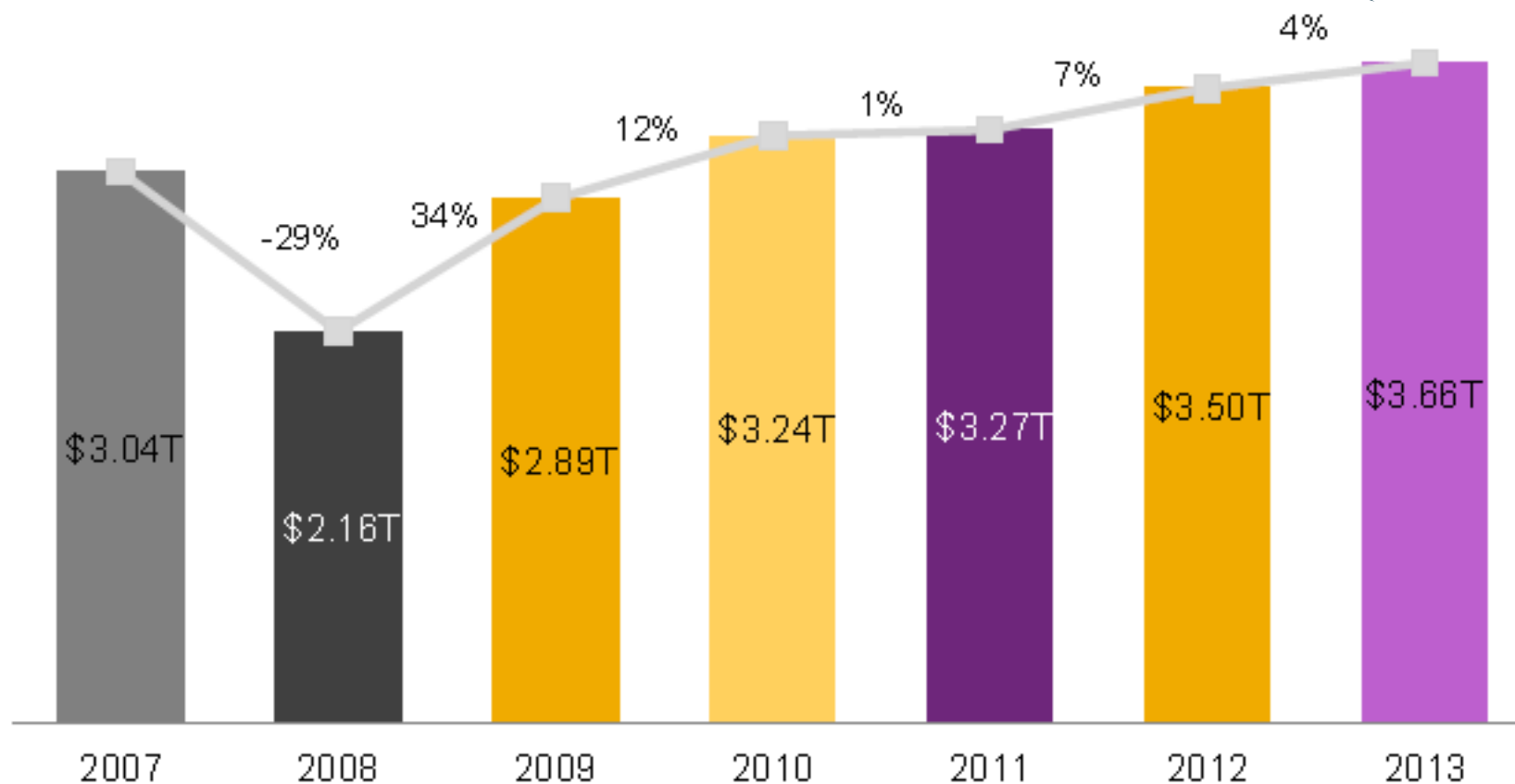
Net income and new 3rd party capital were the leading source of reinsurance capital growth in 2013



Source: Guy Carpenter in conjunction with A.M. Best

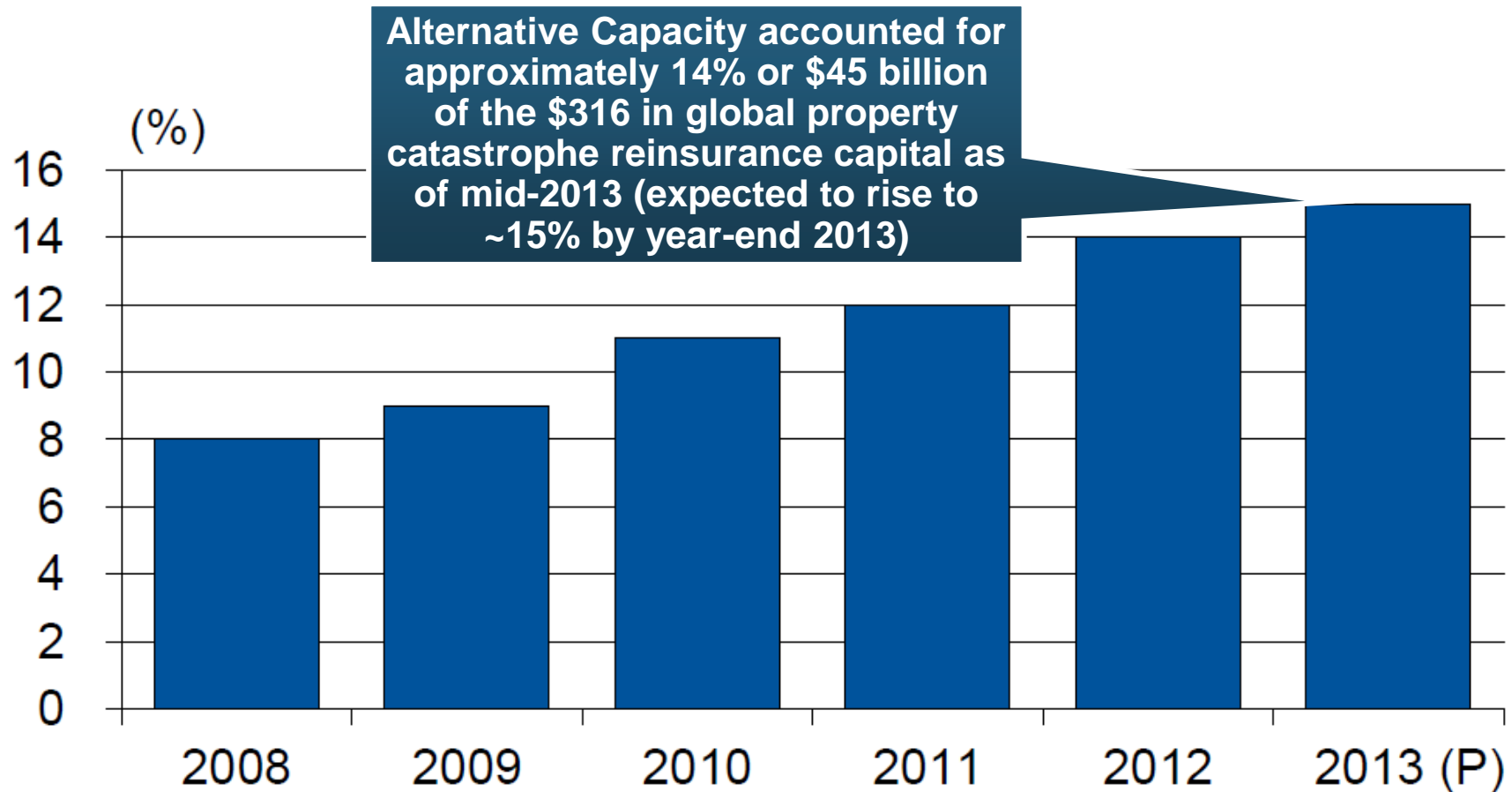
Global Insurance Capital, 2007 - 2013

Insurance capital increased by 69.4% (\$1.5 trillion) since the depths of the global financial crisis in 2008



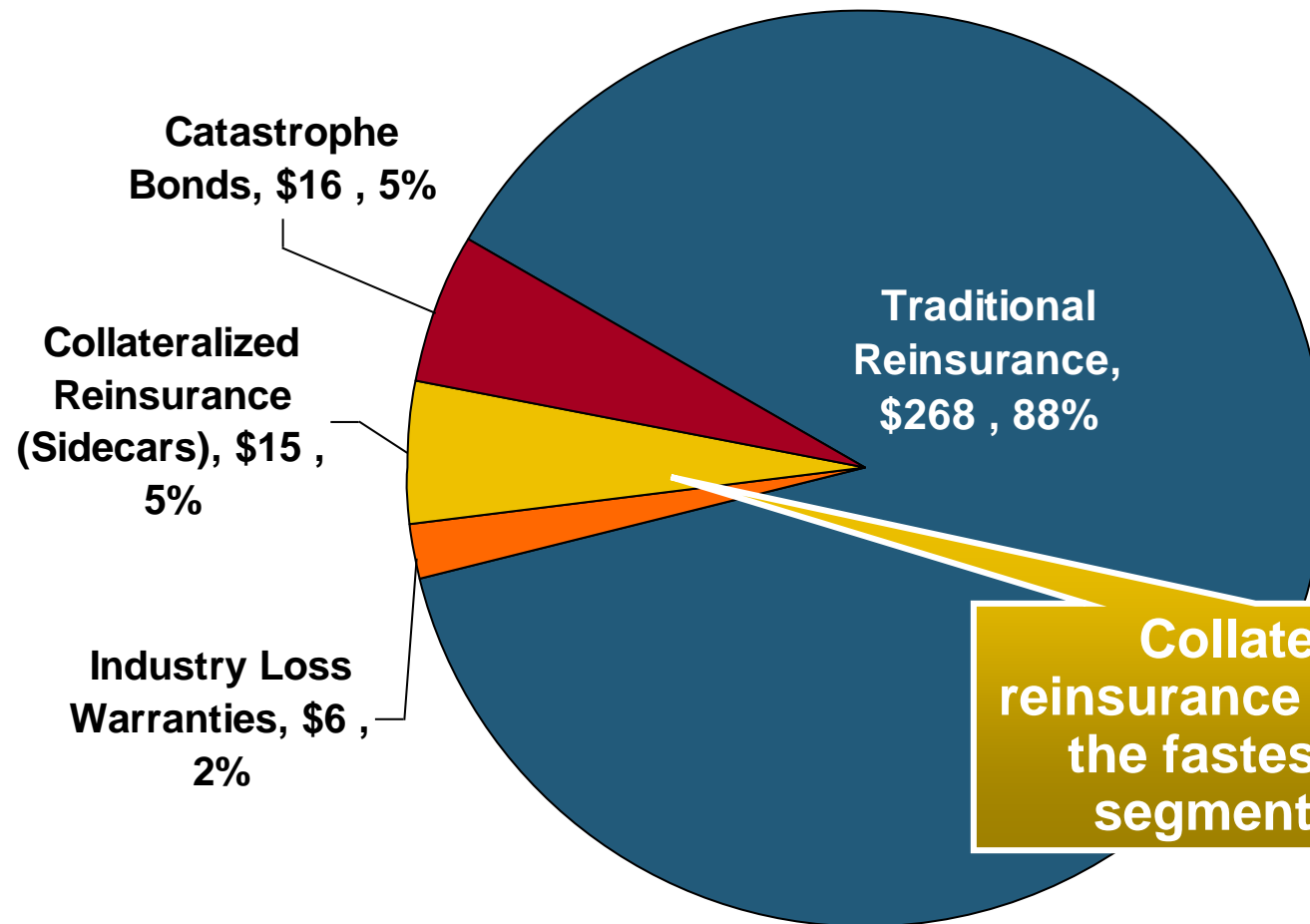
Alternative Capacity as a Percentage of Global Property Catastrophe Reinsurance Limit

(As of Year End)



Property Catastrophe Reinsurance Capacity by Source as of Mid-2013 (\$ Bill)

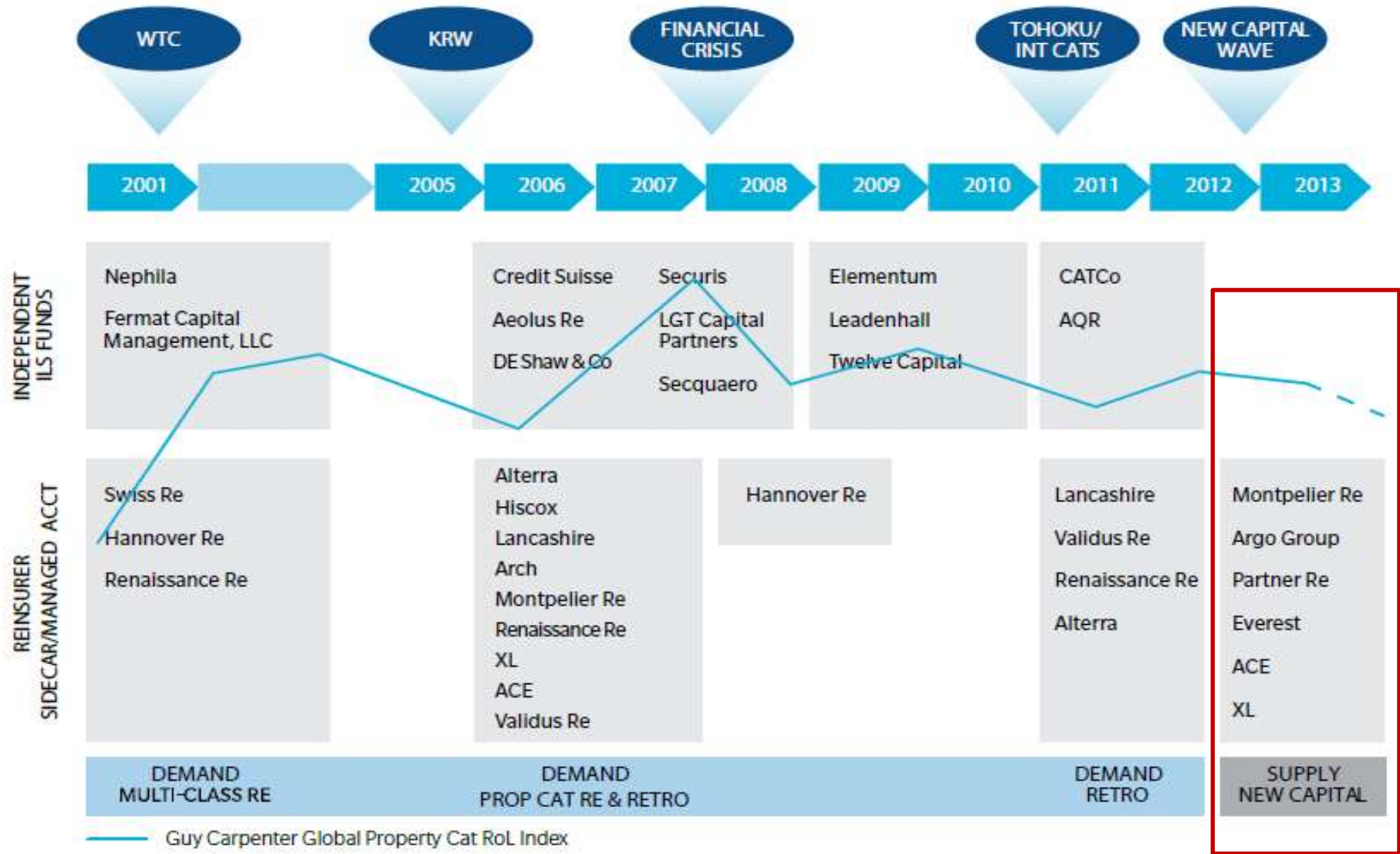
Total = \$316 Billion*



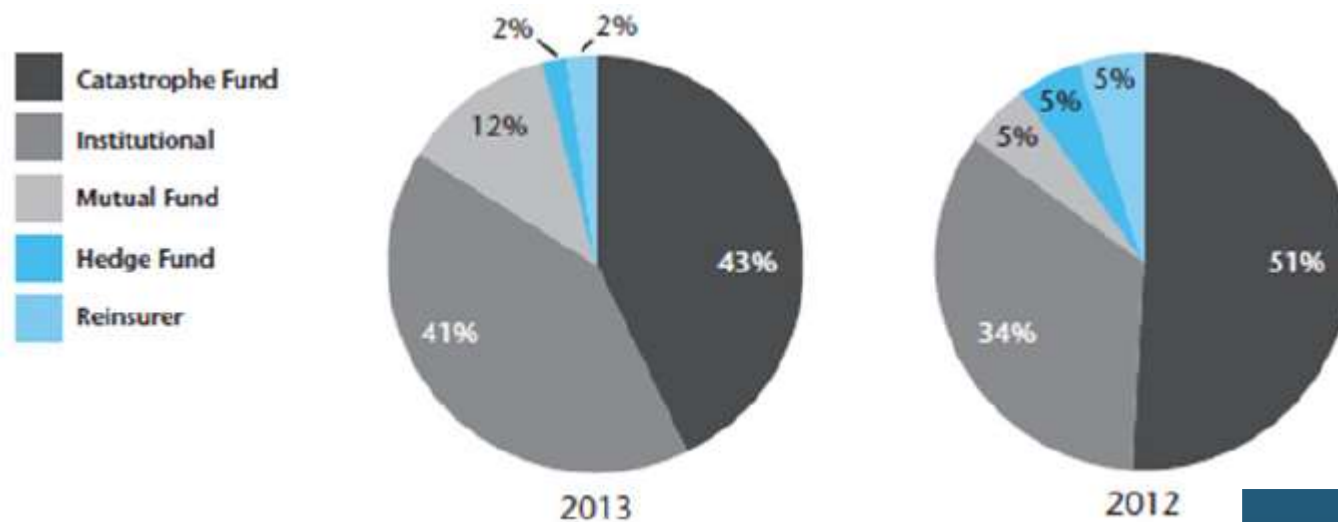
“Convergence Capital” accounted for an estimated \$45B or 14% or total property catastrophe reinsurance capacity as of mid-2013, up \$10B over the past 18 months (since 1/1/12). Penetration of this type of capacity is growing

Collateralized reinsurance (sidecars) is the fastest growing segment recently

Alternative Capacity Development, 2001—2013:H1



Investor by Category, 2013 vs. 2012*



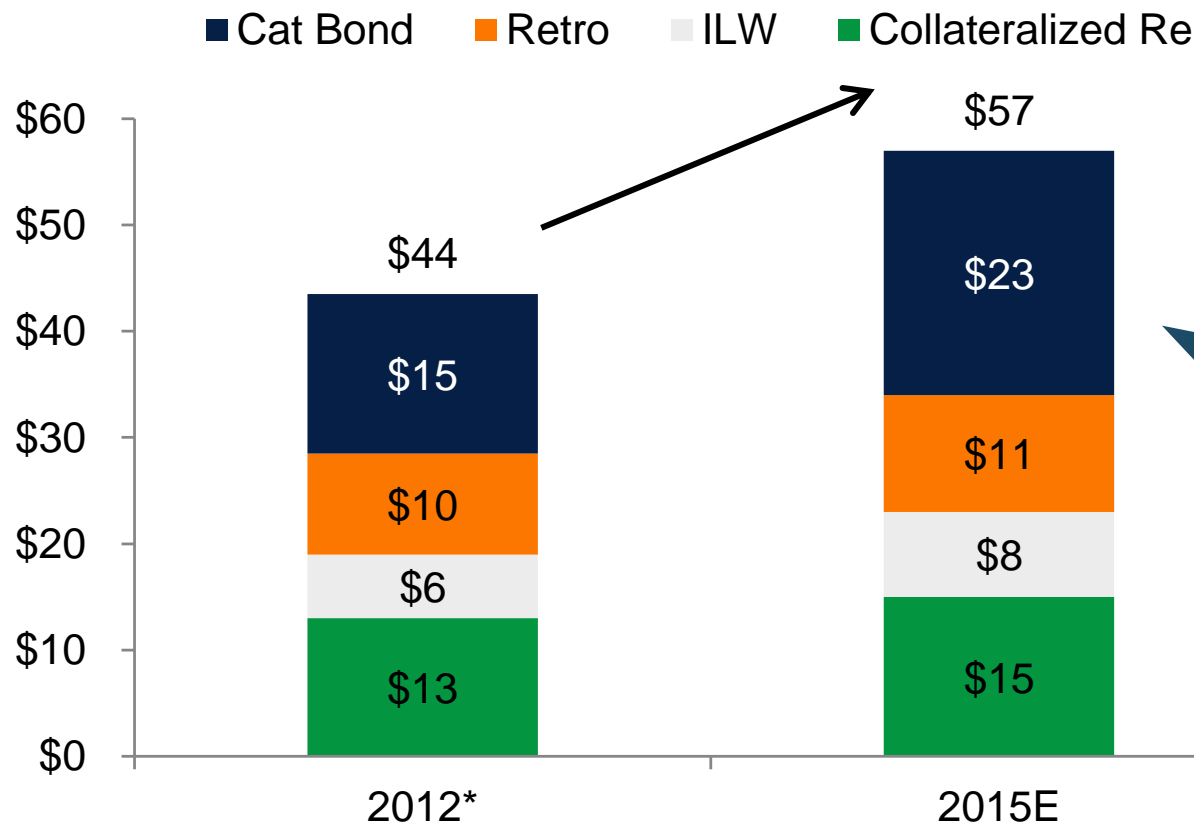
**Institutional
Investors are
accounting for a
larger share of
alternative
reinsurance
investors**

*As of June 30 each year.

Source: Aon Benfield Securities; Insurance Information Institute.

Non-Traditional Property Catastrophe Limits by Type, YE 2012 vs. YE 2015E

NON-TRADITIONAL P/CAT LIMITS BY TYPE

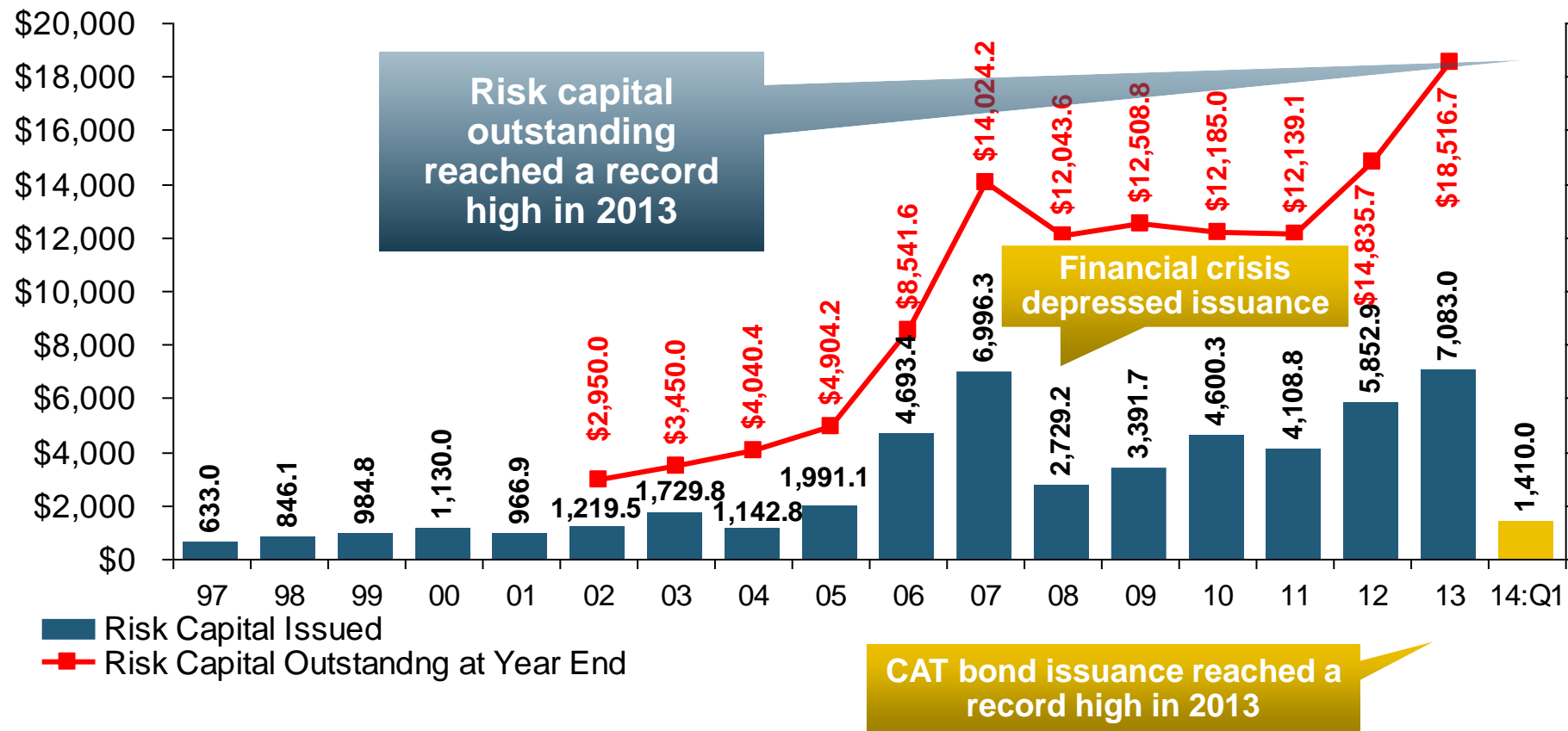


Alternative capital is expected to rise by 30% by YE 2015 and will ultimately account for 20-30% of total reinsurance spend, according to Guy Carpenter

Source: Guy Carpenter; *As Of Mar-2013

Catastrophe Bonds: Issuance and Outstanding, 1997- 2014:Q1*

Risk Capital Amount (\$ Millions)



Catastrophe Bond Issuance Is Approaching Pre-Crisis Levels While Risk Capital Outstanding Stands at an All-Time Record

*Through Jan. 31, 2014.

Source: Guy Carpenter; Insurance Information Institute.

Questions Arising from Influence of Alternative Capital

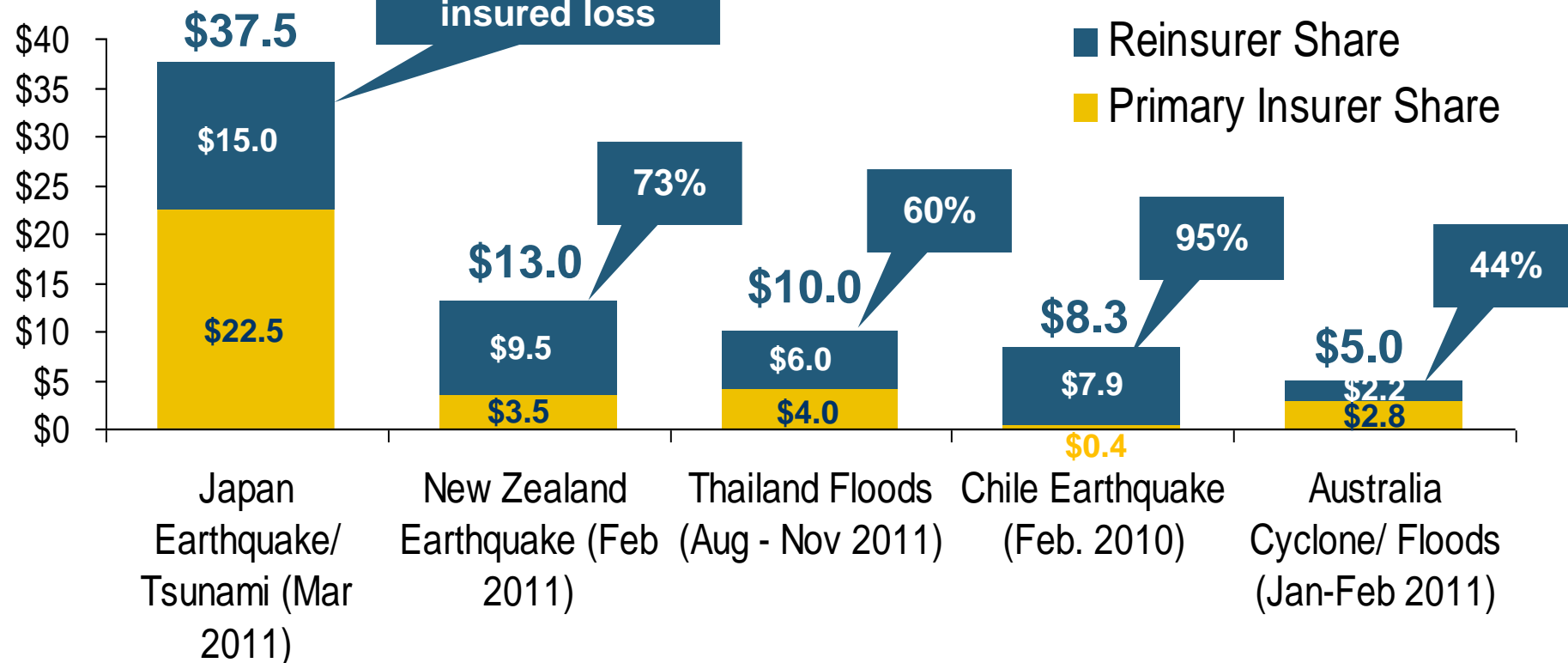
- **Could Pension Fund Money Swamp Traditional Capacity?**
 - ◆ US private pension funds hold ~\$7 trillion in assets
 - ◆ 2% allocation = \$140 billion
 - ◆ Global property cat capital = ~\$316 bill as of mid-2013
- **Do New Investors Have a Lower Cost of Capital?**
 - ◆ New capacity expects 6-8% rate of return compared to 8-10% for traditional reinsurance, according to Dowling & Partners
- **Will Reinsurance Pricing Become More Closely Linked to Interest Rates?**
 - ◆ What happens when interest rates rise?
- **Terms and Conditions Could Weaken**
 - ◆ Multi-year deals

Questions Arising from Influence of Alternative Capital

- **What Will Happen When Investors Face Large-Scale Losses?**
- **Does ILS Have a Higher Propensity to Litigate?**
 - ◆ Short-term focus could contribute to disputes
 - ◆ Large share of triggered transactions ended up in dispute
- **How Low Will ROLs Be Pushed?**
- **Does the New Interconnectedness with Capital Markets Lend Credence to the Suggestion that Reinsurance Is a Systemic Risky Business?**
- **Will Alternative Capital Drive Consolidation Among Traditional Reinsurers?**
 - ◆ Has the mating dance begun? → *Endurance/Aspen*

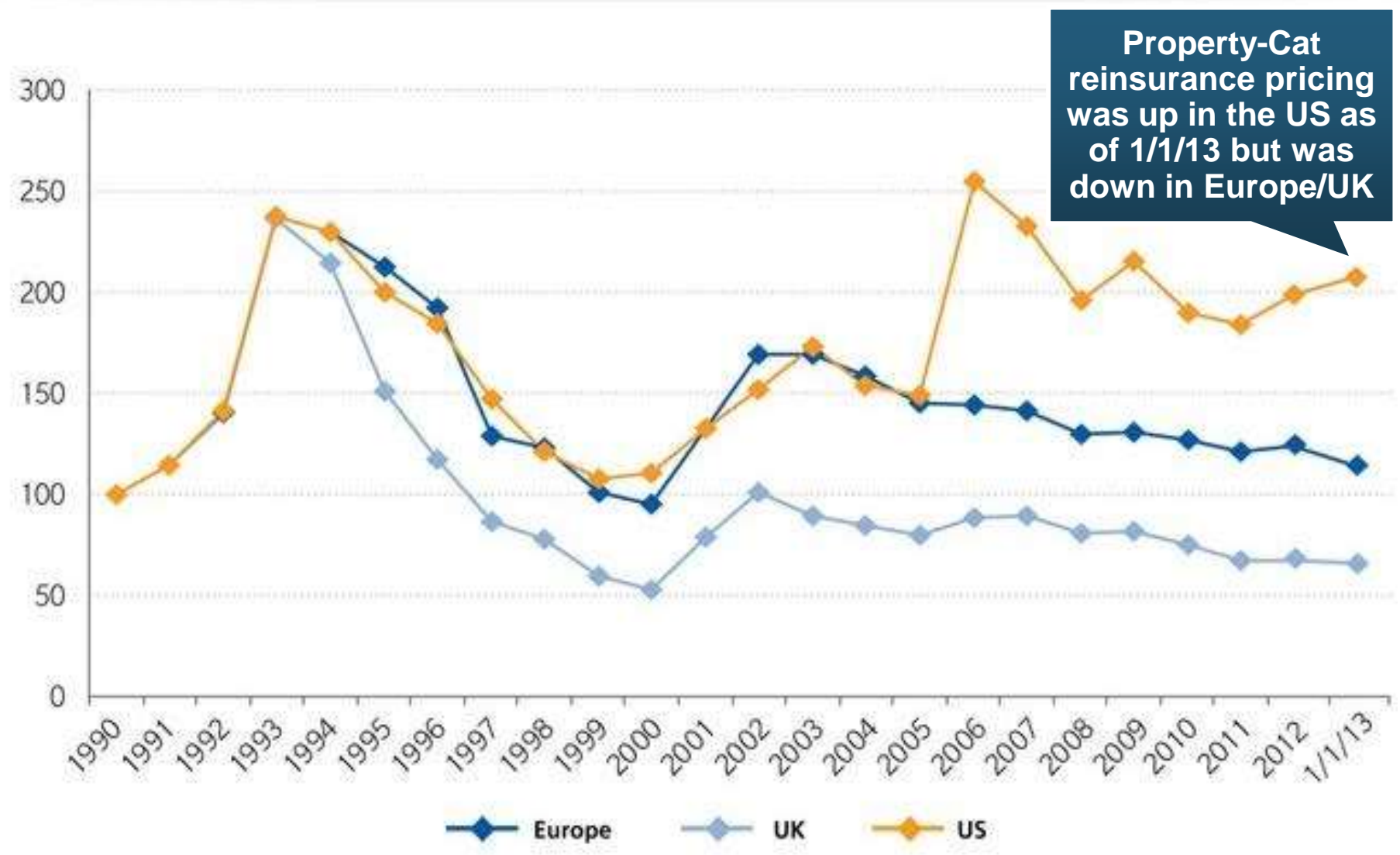
Reinsurer Share of Recent Significant Market Losses

Billions of 2011
Dollars



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

Regional Property Catastrophe Rate on Line Index, 1990—2013 (as of January 1)



Alternative Capital: Important Definitions

Alternative Reinsurance Market

Alternative reinsurance is effectively any form of managing and transferring (re)insurance risk through the use of the capital markets rather than the traditional reinsurance market. These nontraditional structures commonly include catastrophe bonds (cat bonds), collateralized quota-share reinsurance vehicles (sidecars) and industry loss warranties (ILWs).

Alternatives to traditional reinsurance essentially began following Hurricane Andrew, with the introduction of exchange traded insurance options in 1992, the first cat bond in 1994, and later sidecars in 2001, following the events of Sept. 11, 2001. However, the market began to grow significantly following Hurricane Katrina in 2005, as (re)insurers were essentially forced to increase issuances of catastrophe bonds and expand the use of sidecars in order to absorb underwriting capacity as retrocession availability became more scarce and expensive.

Catastrophe Bonds

Cat bonds are bonds issued by an insurer with a condition that if the issuer suffers a catastrophe loss greater than a specified amount, the obligation to pay interest/principal is deferred or forgiven, thus effectively prompting a default on the bond. Cat bonds allow sponsors (most often a (re)insurer) to transfer a portion of its catastrophe risk to the capital markets through securities purchased by investors and actively traded in the secondary market.

Favorably for the sponsor, cat bonds offer collateralized (most often invested in U.S. Treasury Money Market Funds) protection that is locked in at a fixed cost over multiple years (typically two to four years). This allows the (re)insurer to be less subject to changing reinsurance market conditions. For the investor, cat bonds offer a comparatively high yield and an opportunity to diversify their portfolios. This is due to the lack of correlation between catastrophe losses and returns on other major asset classes that are tied to more macroeconomic and financial market conditions.

Sidecars

Sidecars are special-purpose reinsurers that provide dedicated collateralized quota-share reinsurance, often for a single ceding company that transfers a portion of its underwriting risk (and related capital investment), and in turn receives a ceding commission. They also can be a source of fee income for the reinsurers that underwrite or provide management services to such third-party risk vehicles.

Sidecar vehicles are often established by traditional reinsurers as a means to tap into the external capacity offered by the capital markets from hedge funds, investment banks, private equity and other opportunistic investors and increase the efficiency and diversification of the company's reinsurance program. They typically have a limited life expectancy and are often wound up when market conditions deteriorate, after which any remaining capital funds are returned to investors and the sponsor.

Industry Loss Warranties

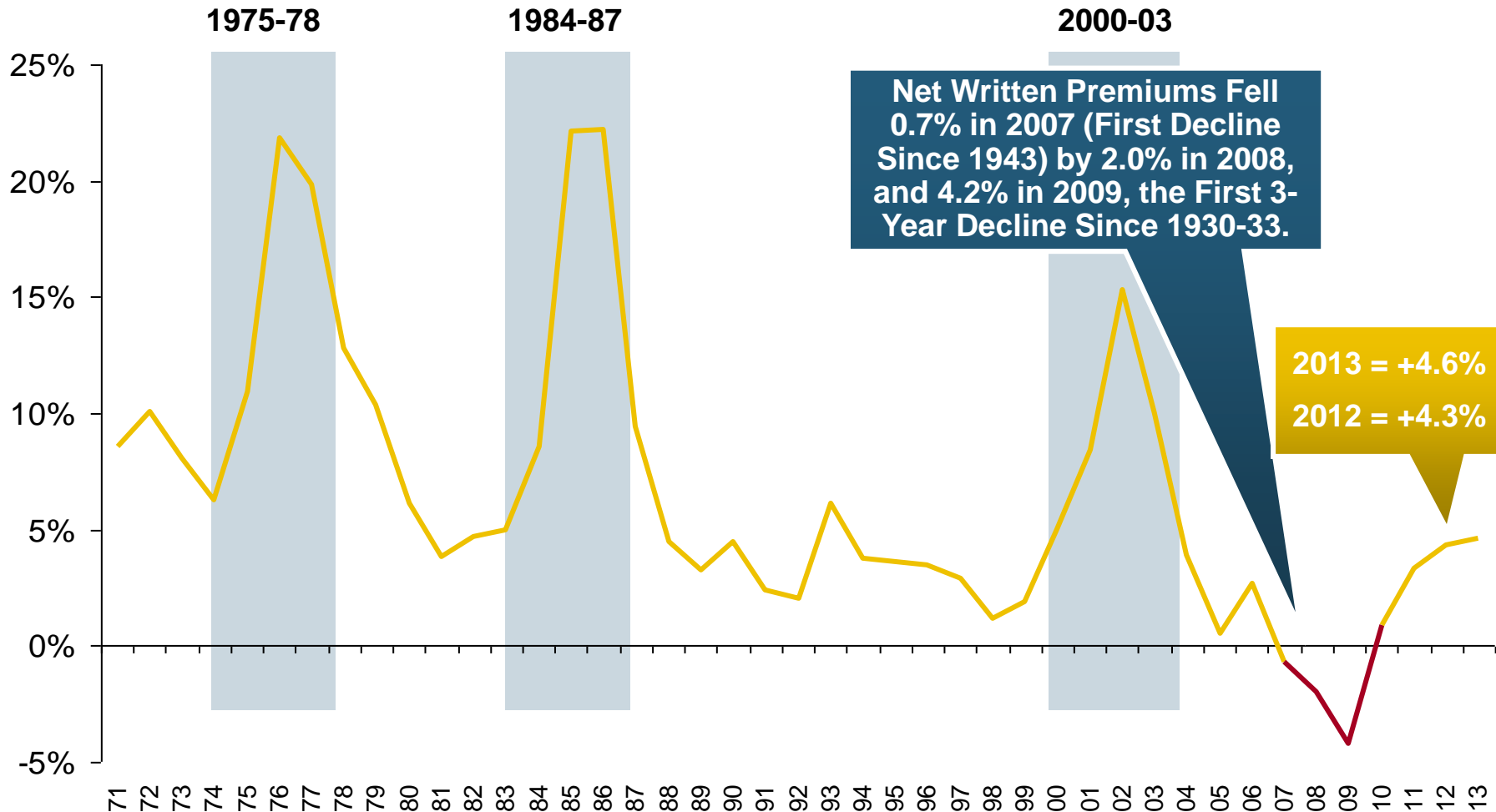
ILWs are a type of private reinsurance or derivative contract through which one party (often an insurer) will purchase protection based on the total loss arising from an event to the entire insurance industry rather than their own losses. The buyer pays a premium to the company that writes the ILW cover (often a reinsurer or hedge fund) and in return receives coverage for a specified limit if industry losses exceed the predefined amount under the ILW trigger.

P/C PRICING TRENDS

Modest Pricing Gains in 2014

Net Premium Growth: Annual Change, 1971—2013

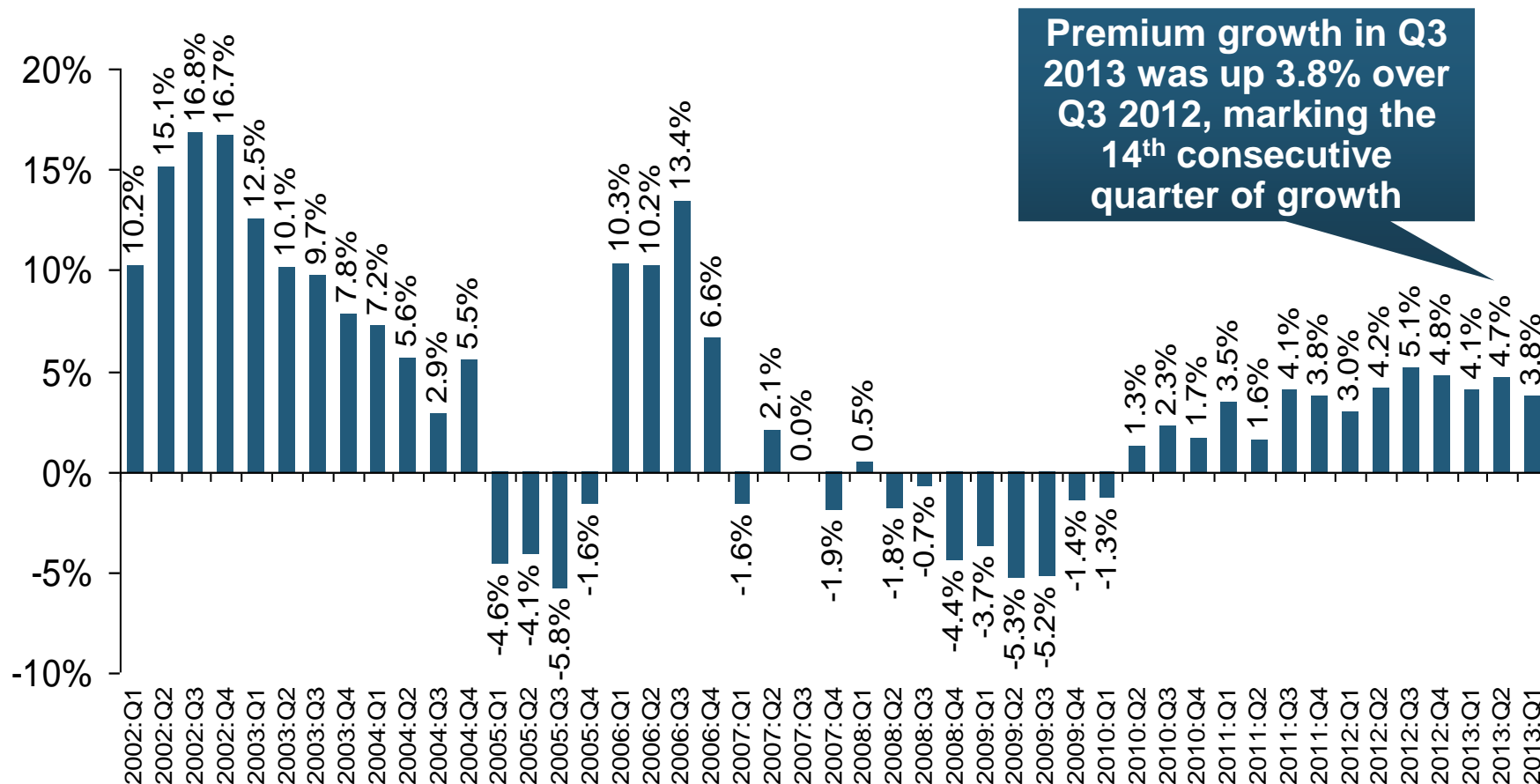
(Percent)



Shaded areas denote "hard market" periods

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

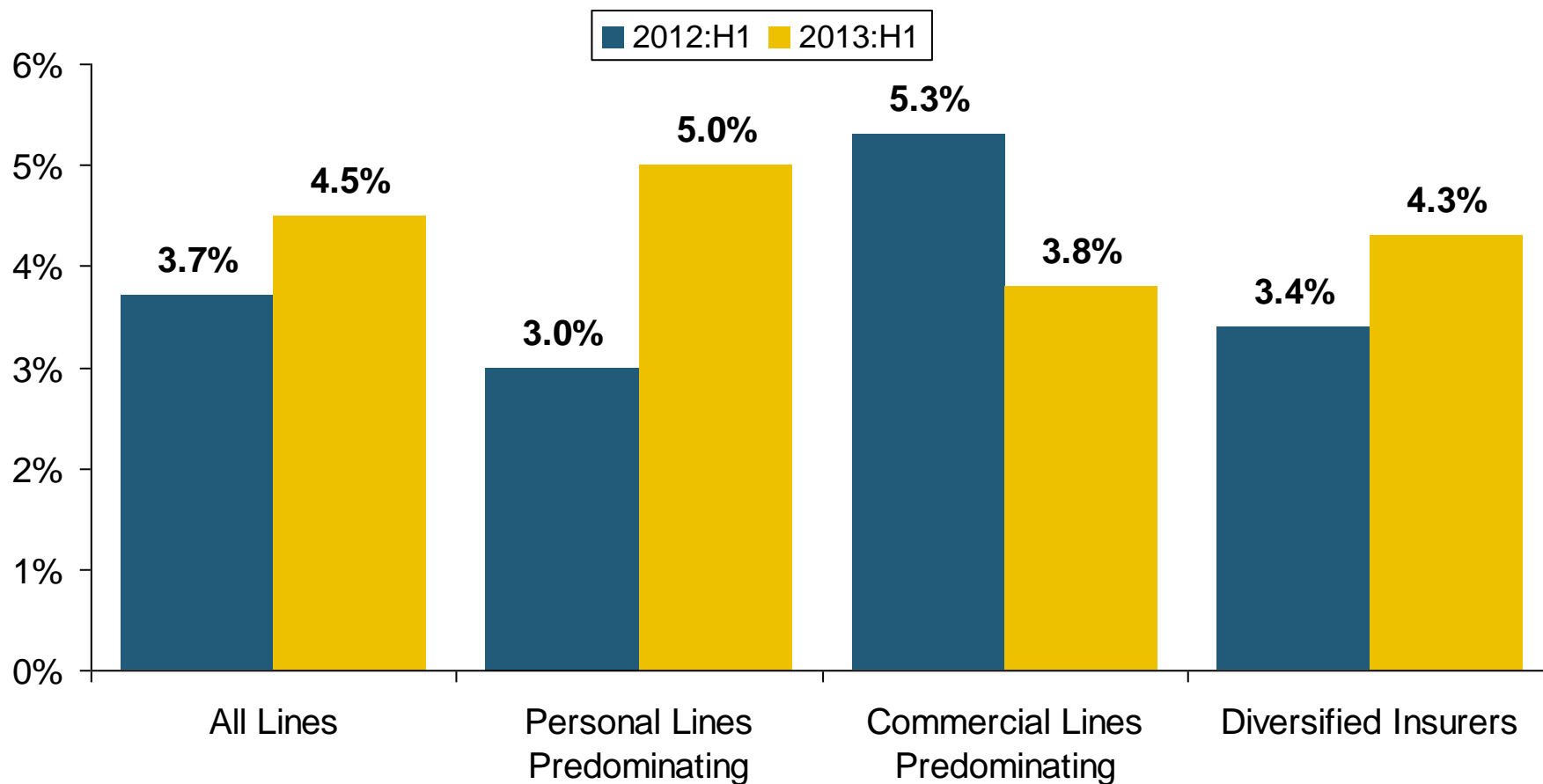
P/C Net Premiums Written: % Change, Quarter vs. Year-Prior Quarter



**Sustained Growth in Written Premiums
(vs. the same quarter, prior year) Will Continue into 2014**

Growth in Net Written Premium by Segment, 2013:H1 vs. 2012:H1*

(Percent)



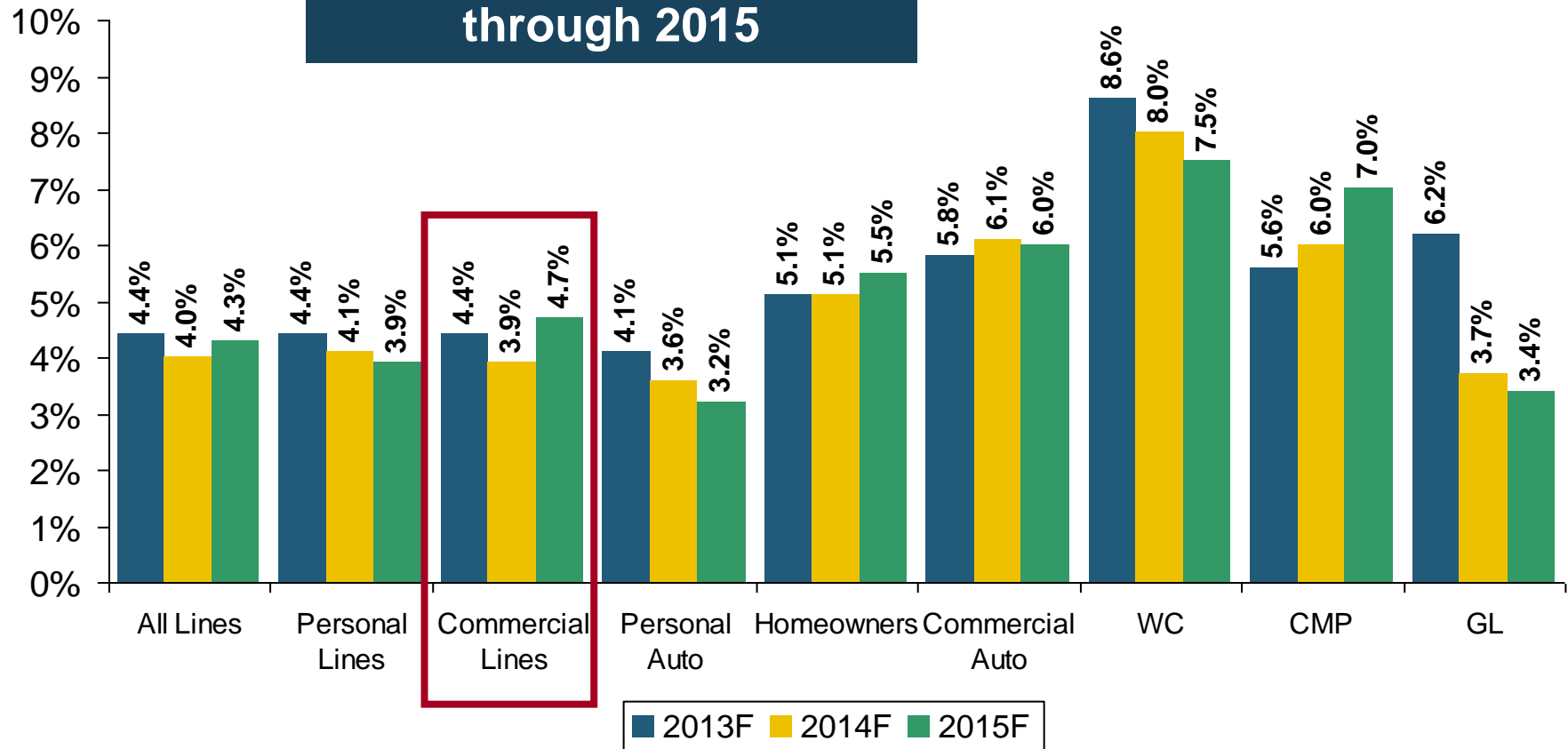
*Excludes mortgage and financial guaranty insurers.

Source: ISO/PCI; Insurance Information Institute

Growth in Direct Written Premium by Line, 2013-2015F*

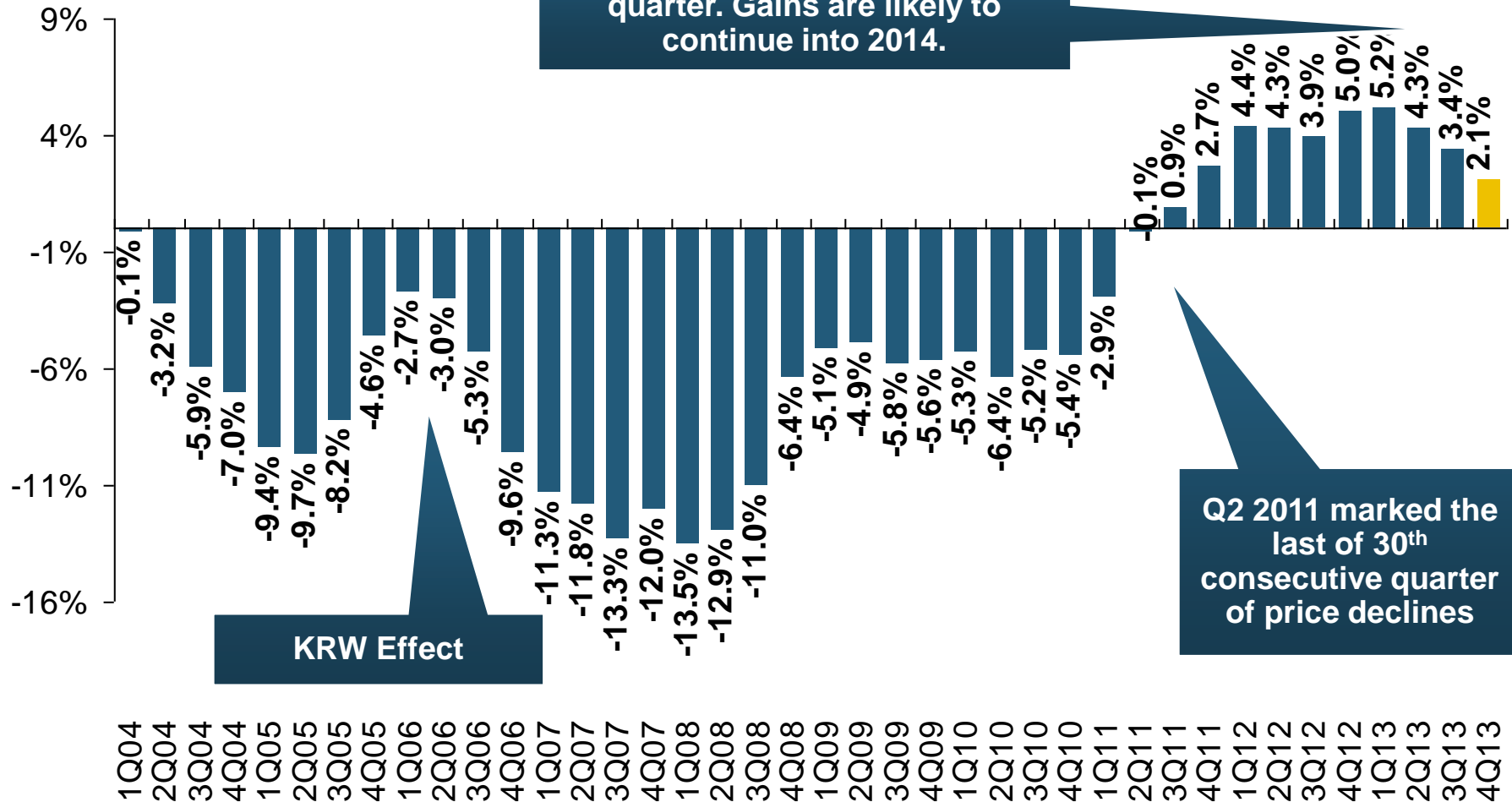
(Percent)

P/C growth is expected
to remain fairly stable
through 2015



Average Commercial Rate Change, All Lines, (1Q:2004–4Q:2013)

(Percent)



Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents & Brokers; Insurance Information Institute

Change in Commercial Rate Renewals, by Account Size: 1999:Q4 to 2013:Q3

Percentage Change (%)

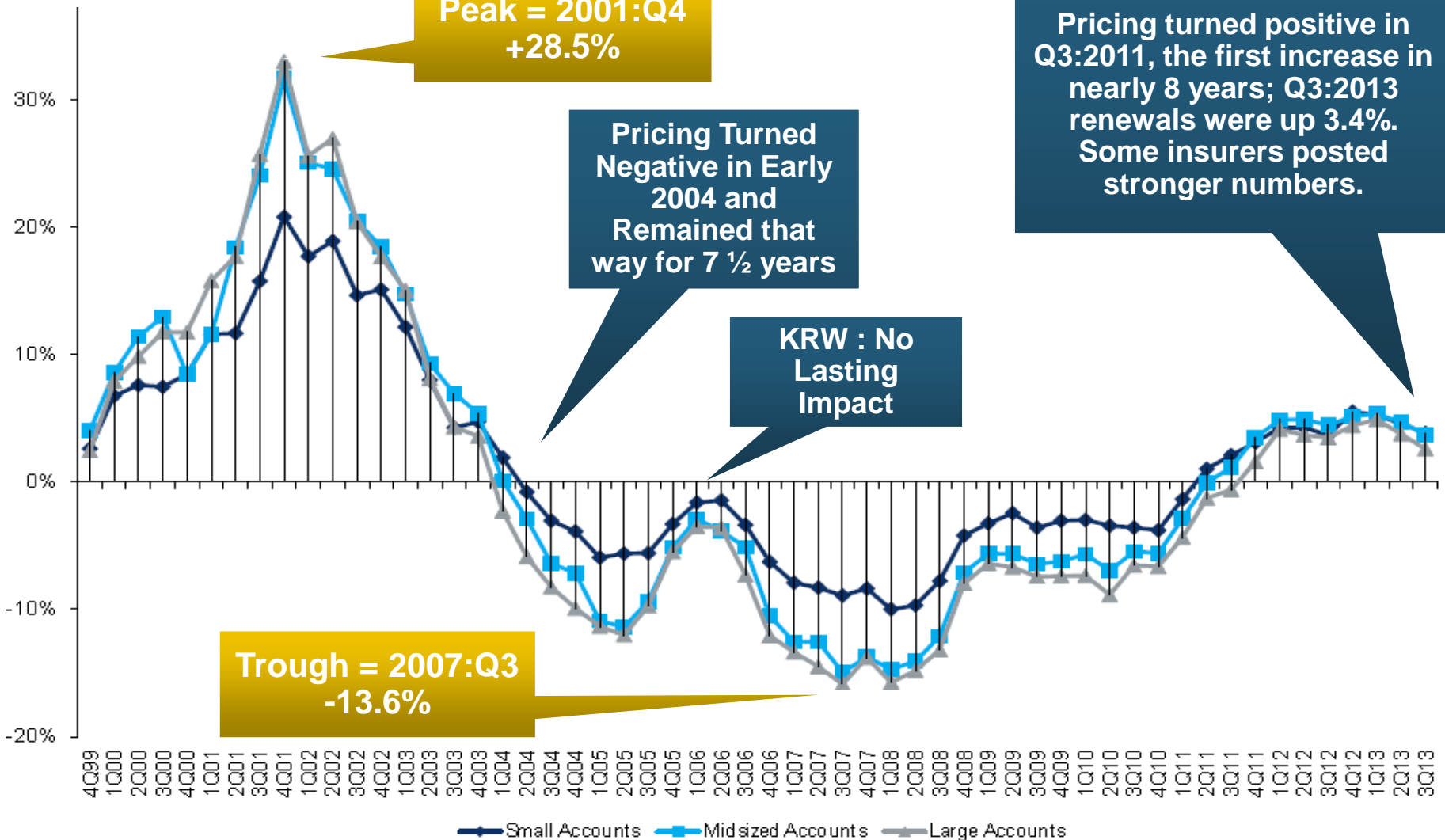
**Peak = 2001:Q4
+28.5%**

**Pricing Turned
Negative in Early
2004 and
Remained that
way for 7 ½ years**

**KRW : No
Lasting
Impact**

**Pricing turned positive in
Q3:2011, the first increase in
nearly 8 years; Q3:2013
renewals were up 3.4%.
Some insurers posted
stronger numbers.**

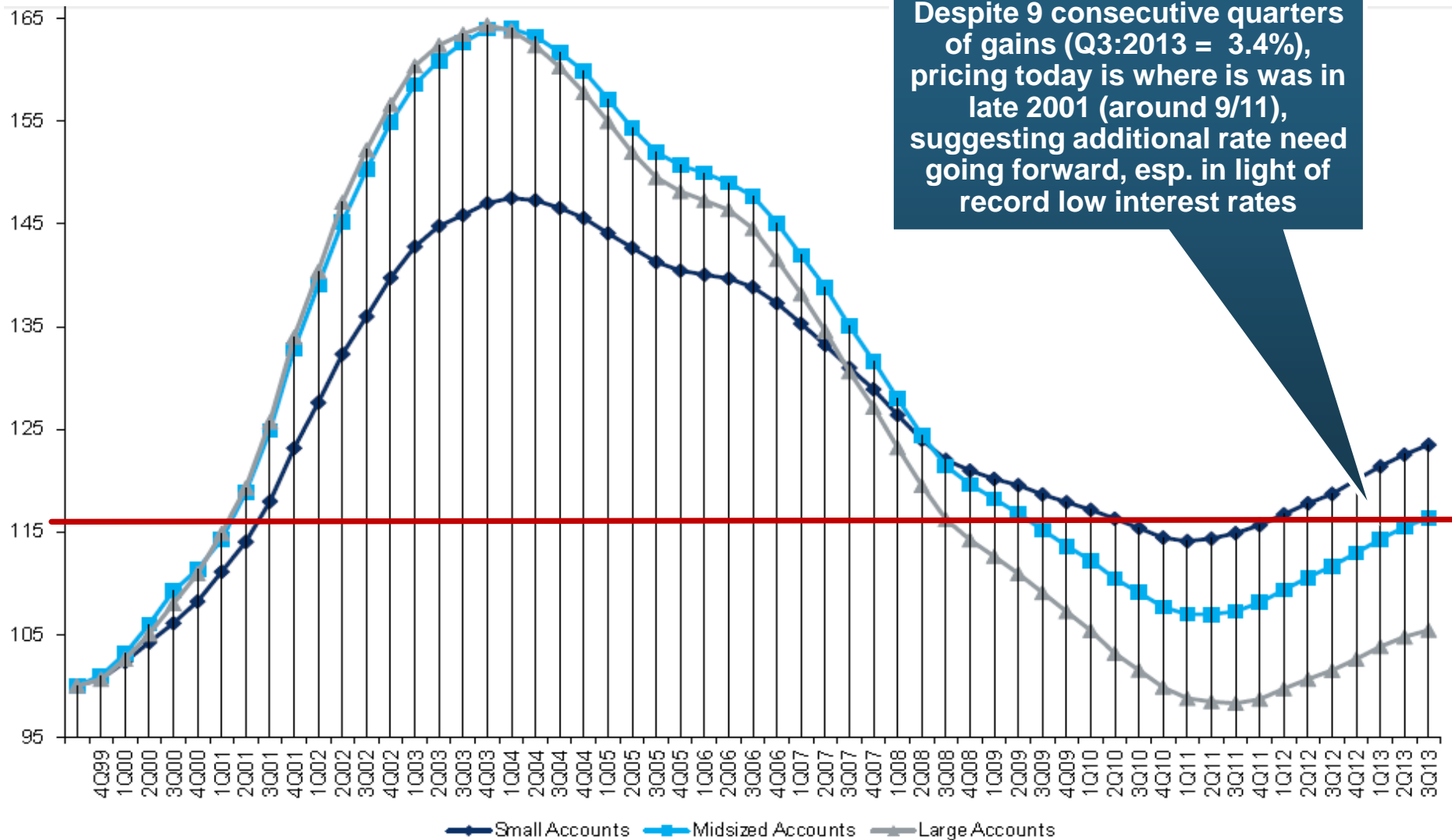
**Trough = 2007:Q3
-13.6%**



Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents and Brokers; Barclay's Capital; Insurance Information Institute.

Cumulative Qtrly. Commercial Rate Changes, by Account Size: 1999:Q4 to 2013:Q3

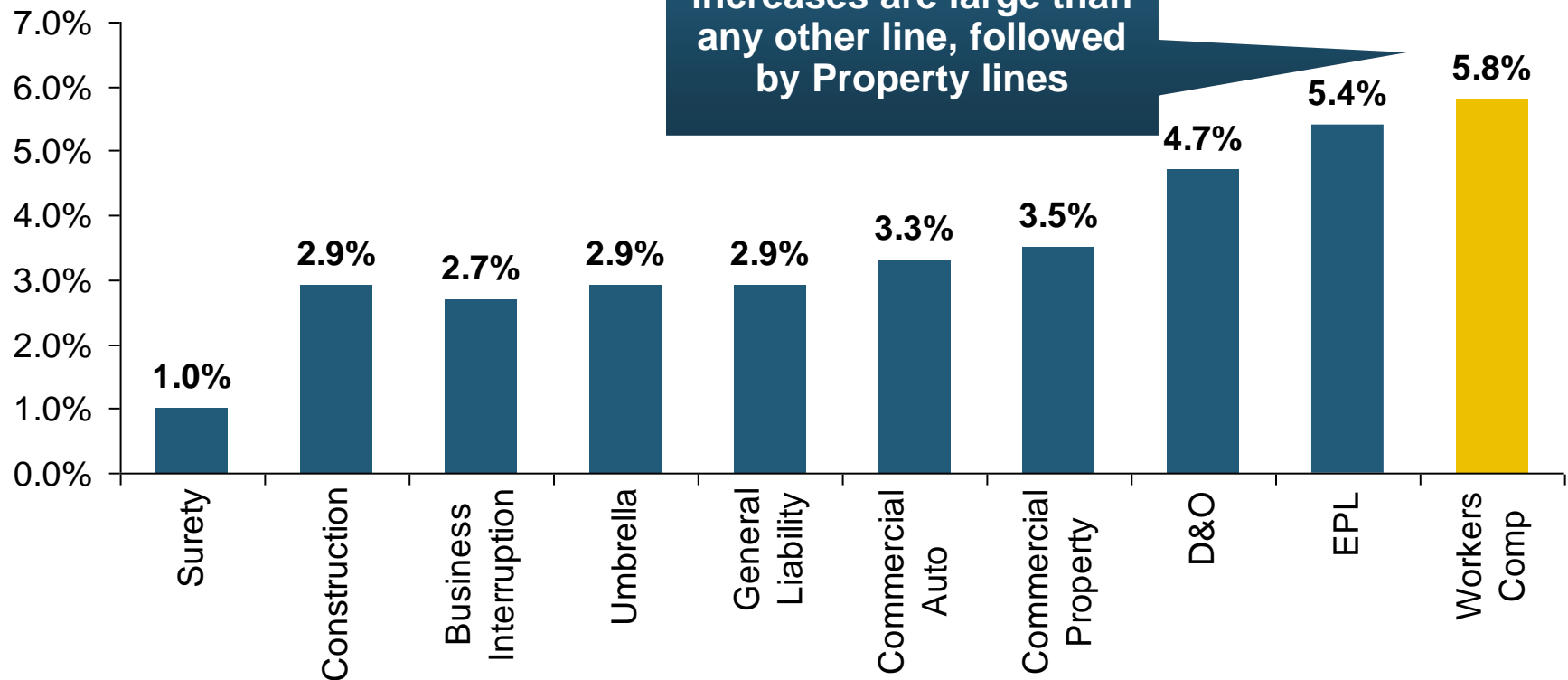
1999:Q4 = 100



Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents and Brokers; Barclay's Capital; Insurance Information Institute.

Change in Commercial Rate Renewals, by Line: 2013:Q3

Percentage Change (%)

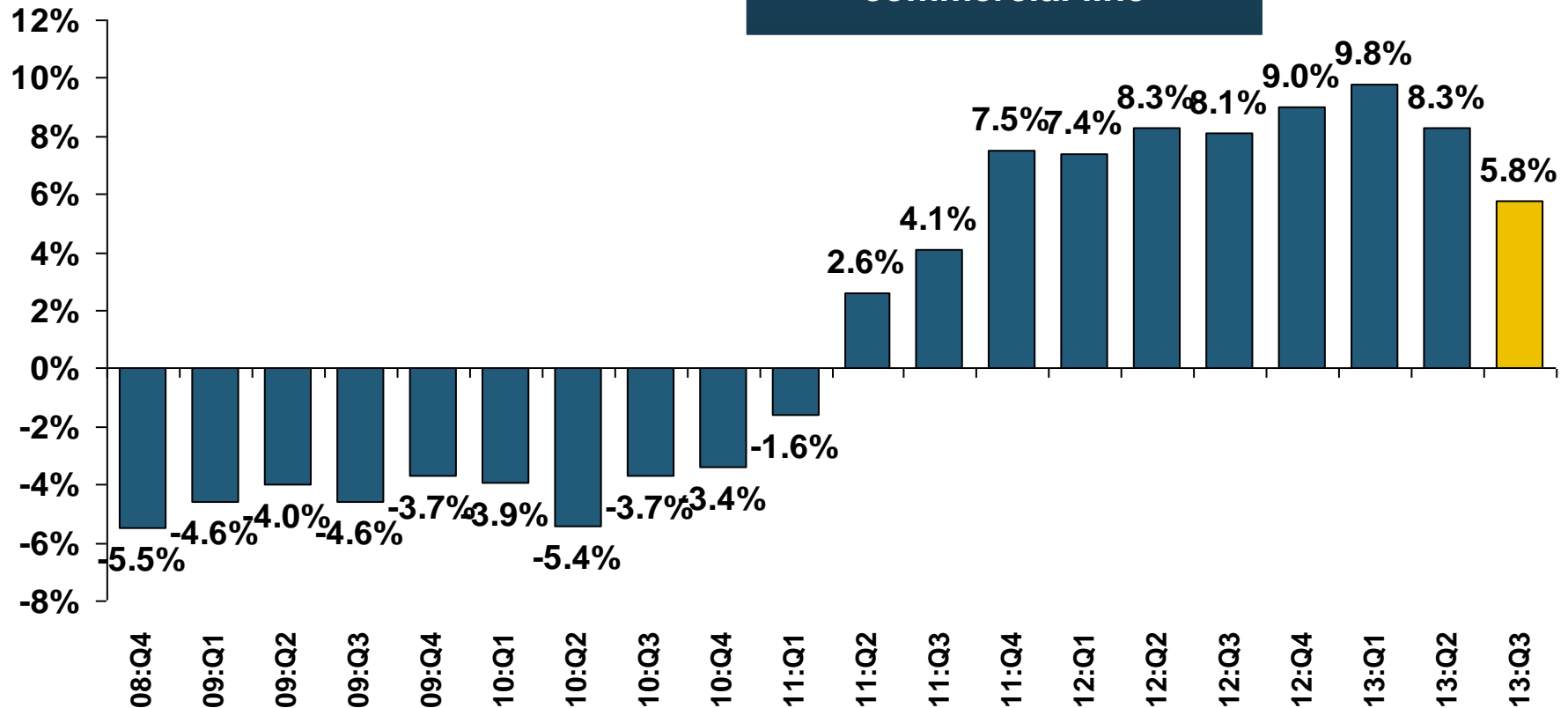


Major Commercial Lines Renewed Uniformly Upward in Q3:2013 for the 9th Consecutive Quarter; Property Lines & Workers Comp Leading the Way; Cat Losses and Low Interest Rates Provide Momentum Going Forward

Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents and Brokers; Insurance Information Institute.

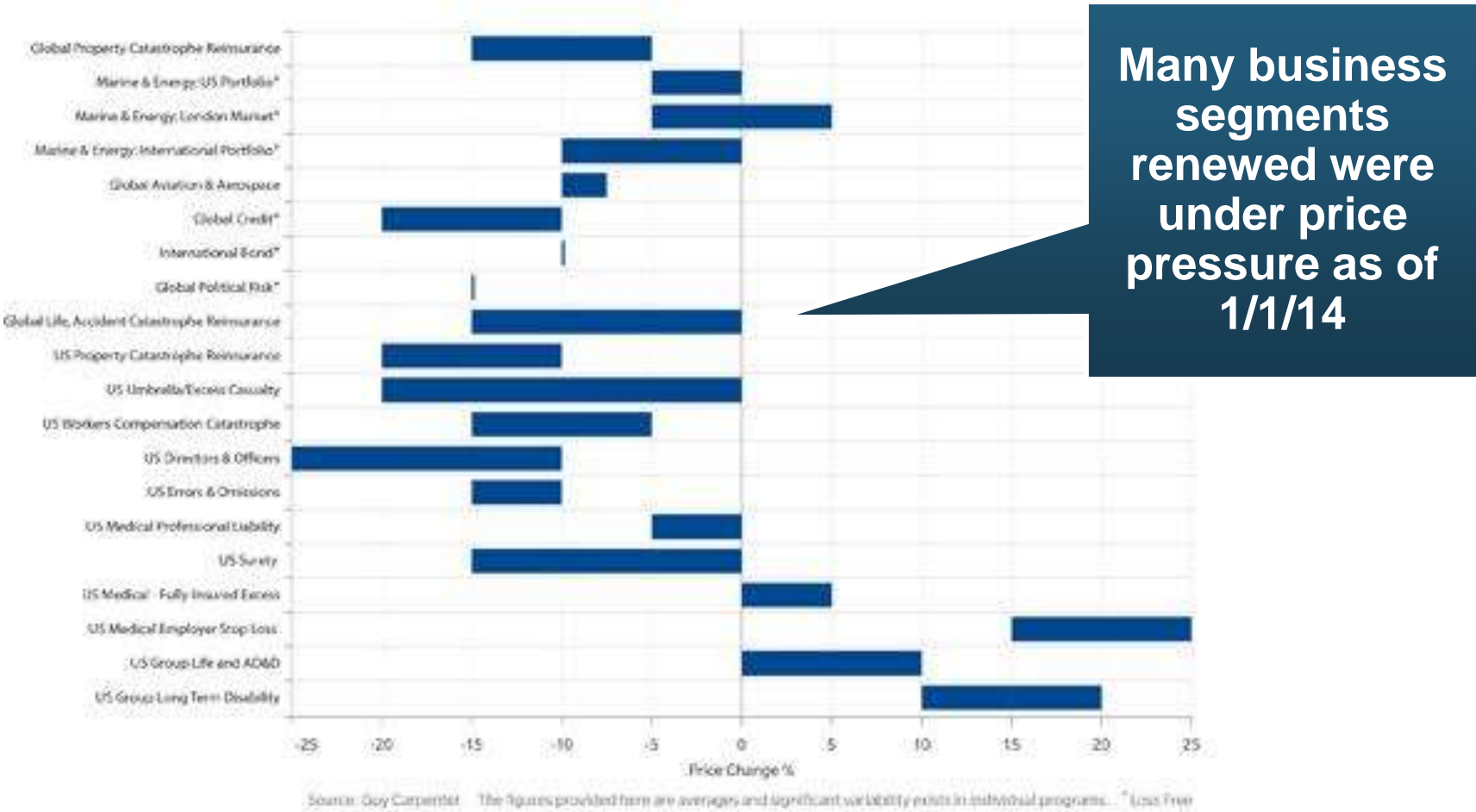
Workers Comp Rate Changes, 2008:Q4 – 2013:Q3

(Percent
Change)



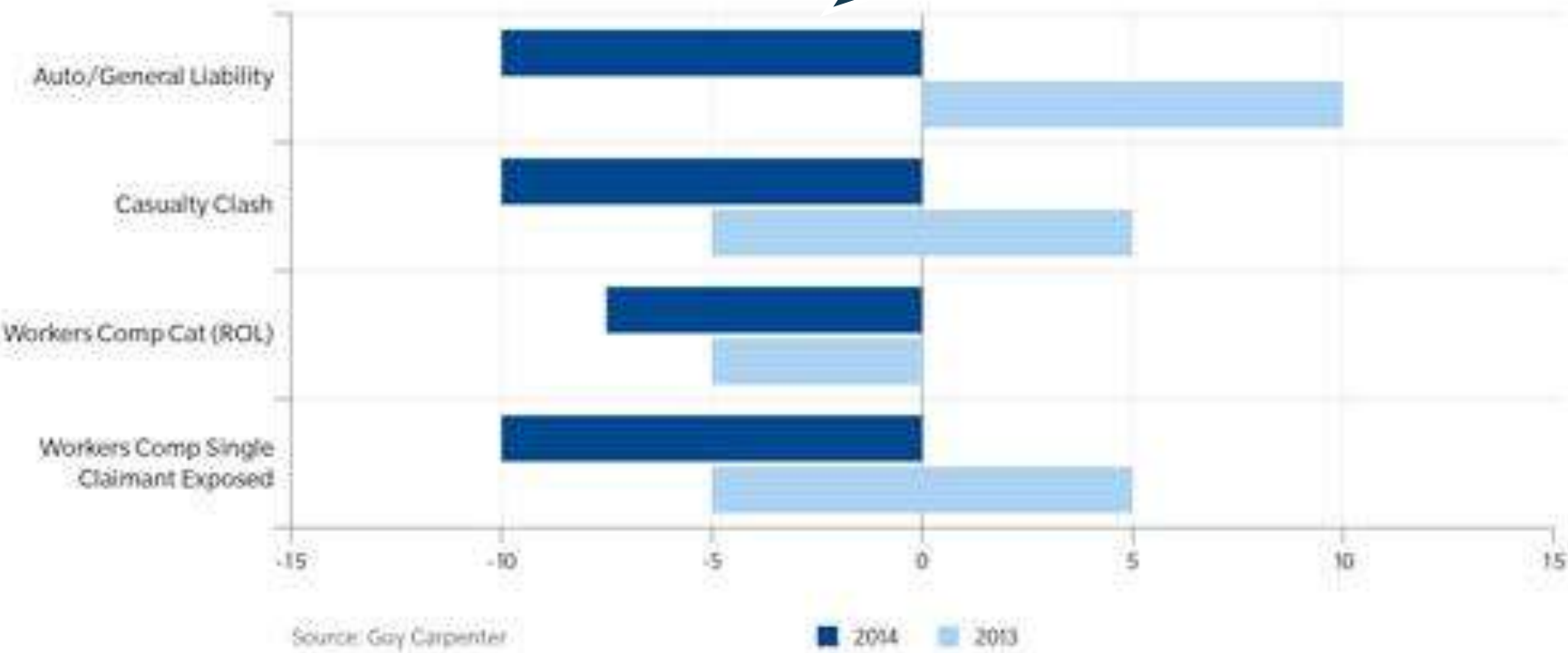
Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents and Brokers; Information Institute.

Rate Movements by Business Segment as of January 1, 2014



Casualty: Typical Excess of Loss Rate Changes as of Jan. 1, 2014

Casualty excess of loss renewals
turned generally negative as of 1/1/14

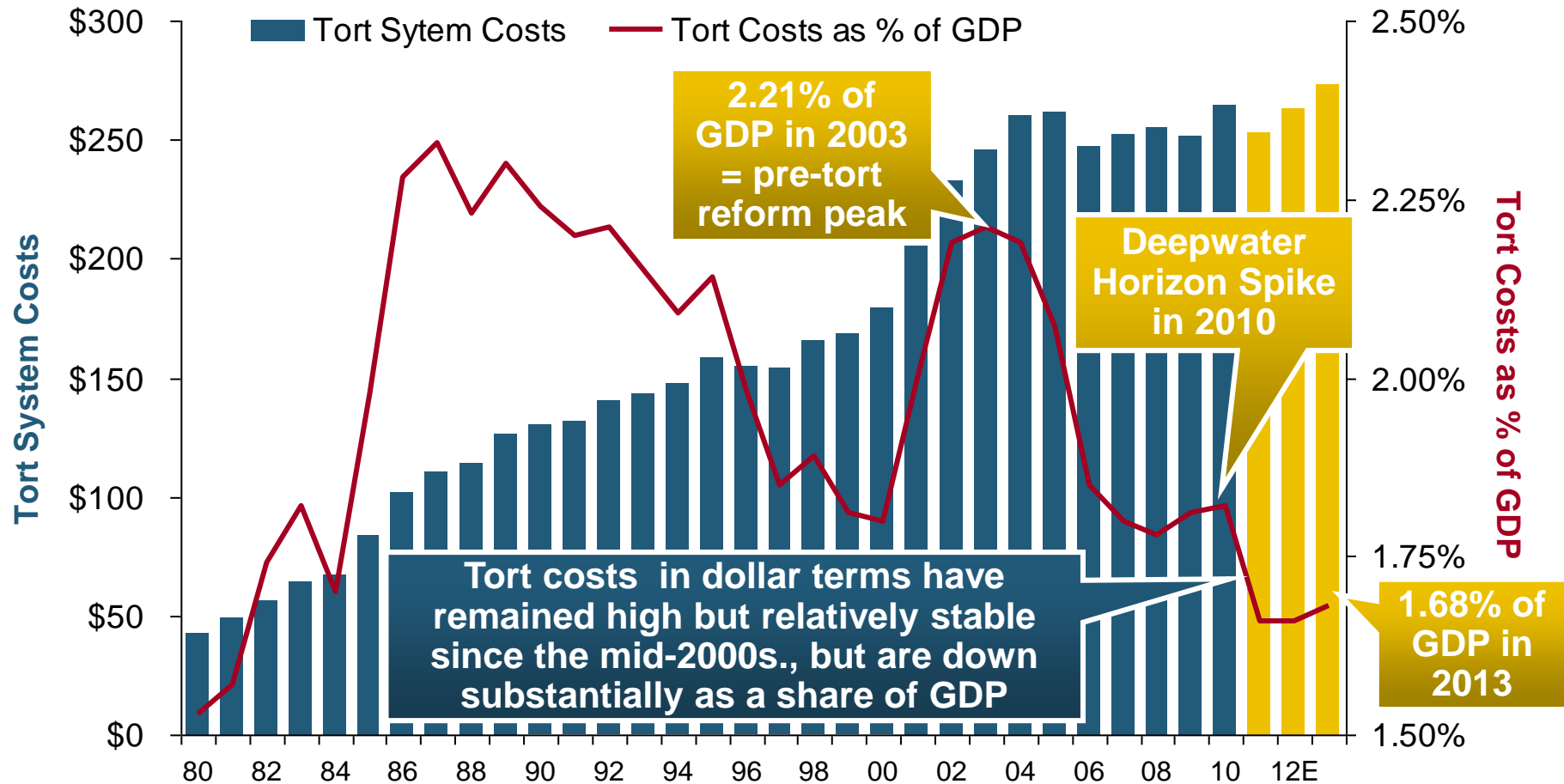


Shifting Legal Liability & Tort Environment

Is the Tort Pendulum Swinging Against Insurers?

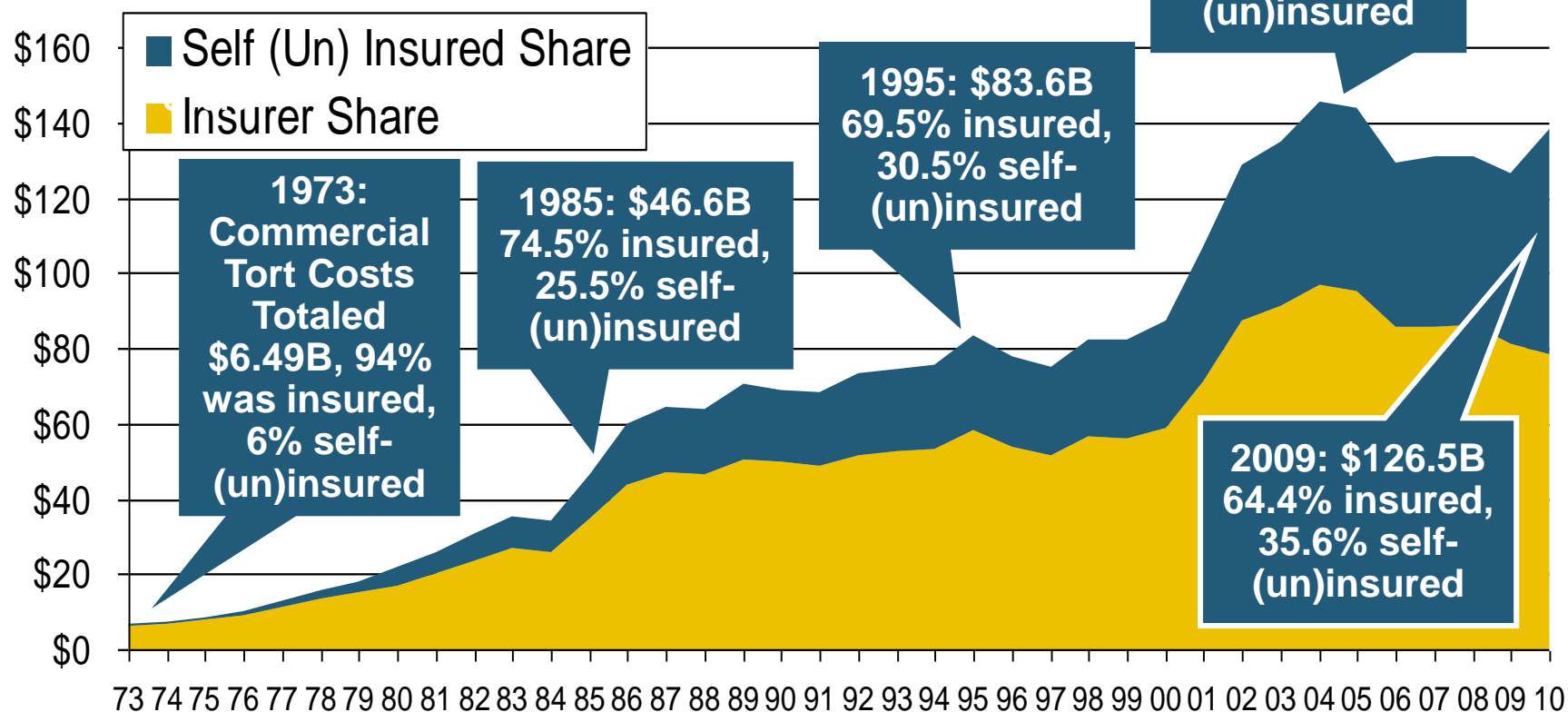
Over the Last Three Decades, Total Tort Costs as a % of GDP Appear Somewhat Cyclical, 1980-2013E

(\$ Billions)



Commercial Lines Tort Costs: Insured vs. Self-(Un)Insured Shares, 1973-2010

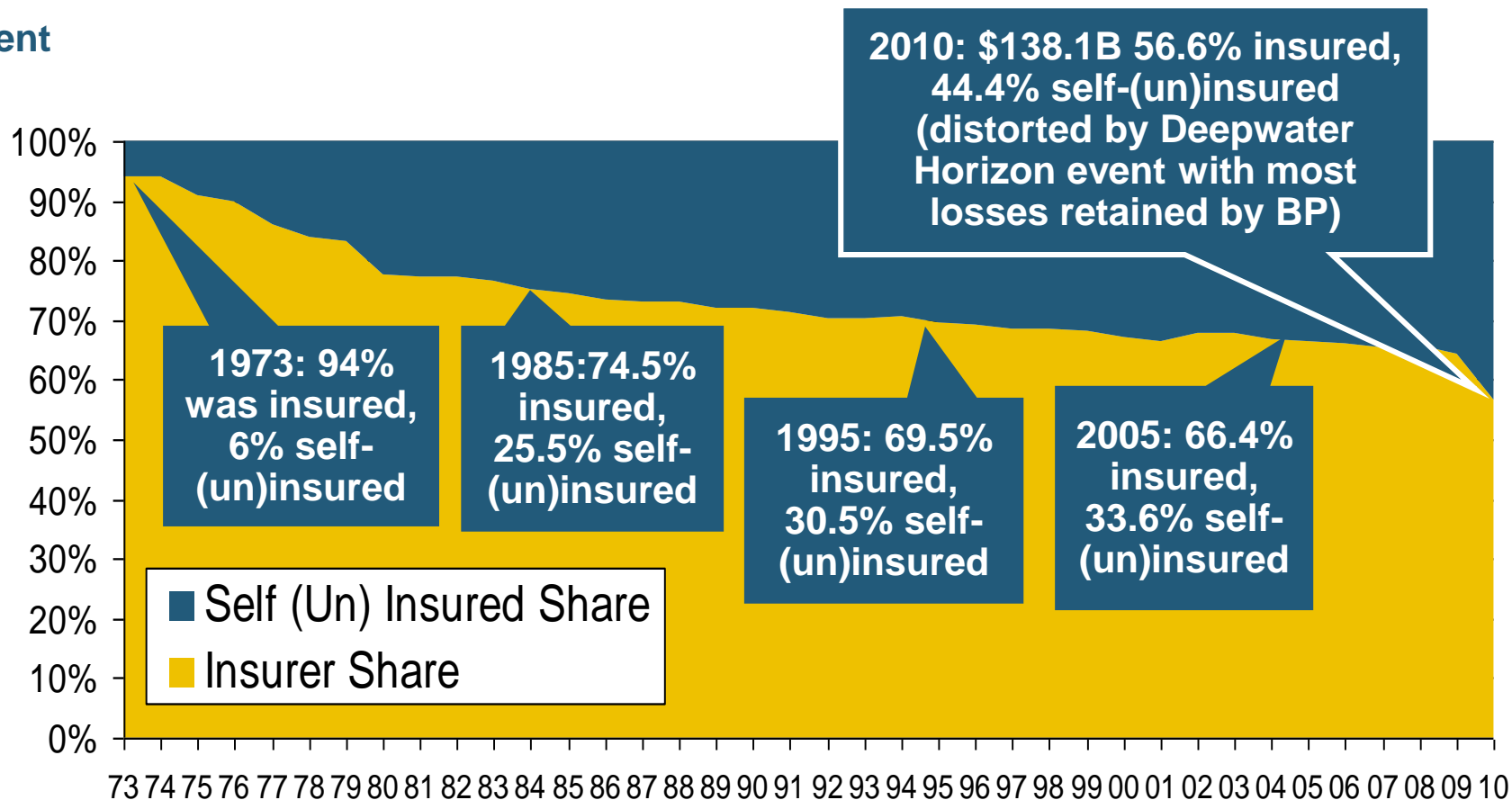
Billions of Dollars



Tort Costs and the Share Retained by Risks Both Grew Rapidly from the mid-1970s to mid-2000s, When Tort Costs Began to Fall But Self-Insurance Shares Continued to Rise

Commercial Lines Tort Costs: Insured vs. Self-(Un)Insured Shares, 1973-2010

Percent



The Share of Tort Costs Retained by Risks Has Been Steadily Increasing for Nearly 40 Years. This Trend Contributes Has Left Insurers With Less Control Over Pricing.

Business Leaders Ranking of Liability Systems in 2012

■ Best States

1. Delaware
2. Nebraska
3. Wyoming
4. Minnesota
5. Kansas
6. Idaho
7. Virginia
8. North Dakota
9. Utah
10. Iowa

New in 2012

- Wyoming
- Minnesota
- Kansas
- Idaho

Drop-offs

- Indiana
- Colorado
- Massachusetts
- South Dakota

■ Worst States

41. Florida
42. Oklahoma
43. Alabama
44. New Mexico
45. Montana
46. Illinois
47. California
48. Mississippi
49. Louisiana
50. West Virginia

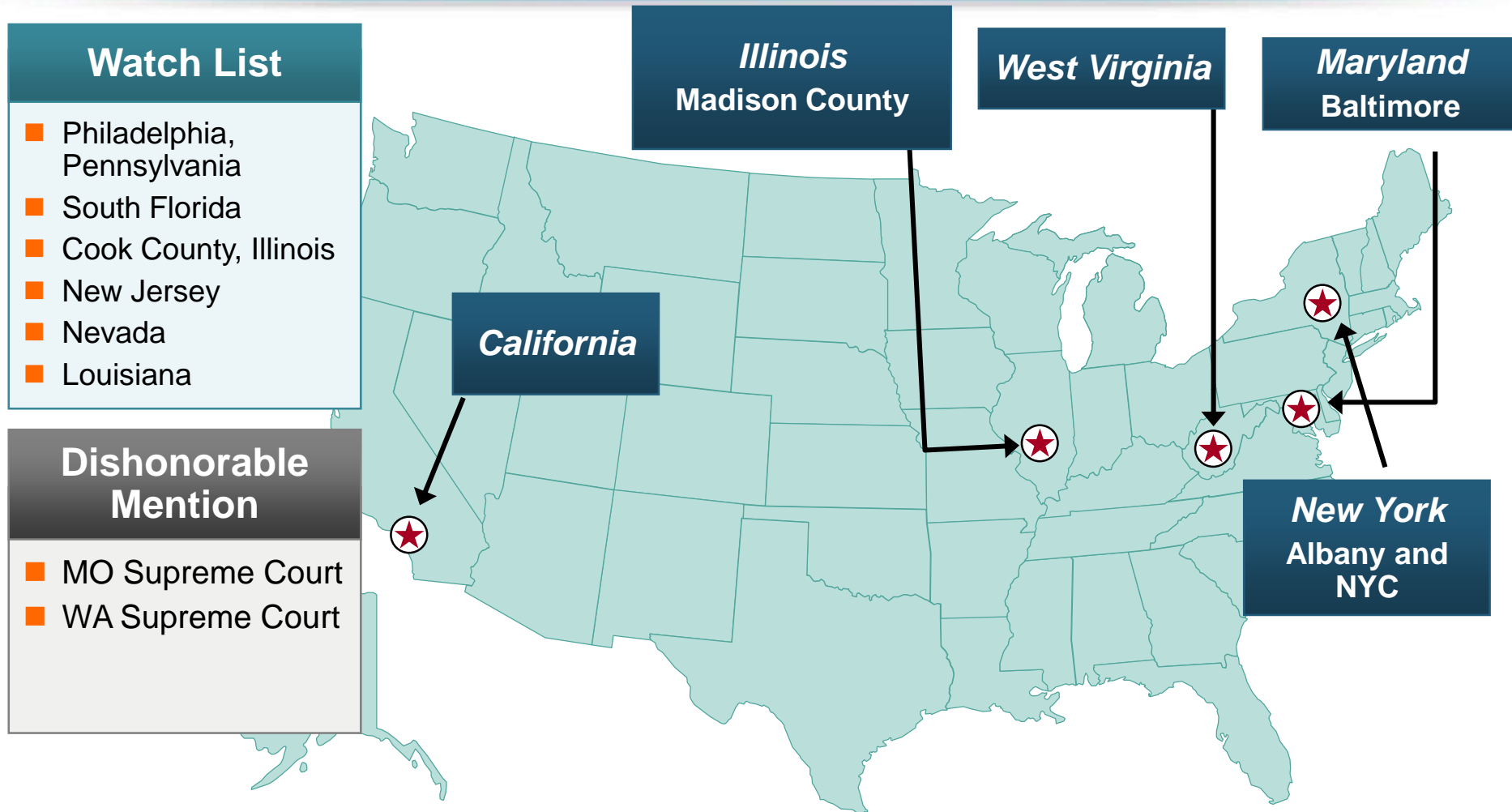
Newly Notorious

- Oklahoma

Rising Above

- Arkansas

The Nation's Judicial Hellholes: 2012/2013



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and your attention!*

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