

Construction, Manufacturing and Oil & Gas Industries and the P/C Insurance Industry: Trends, Challenges & Opportunities

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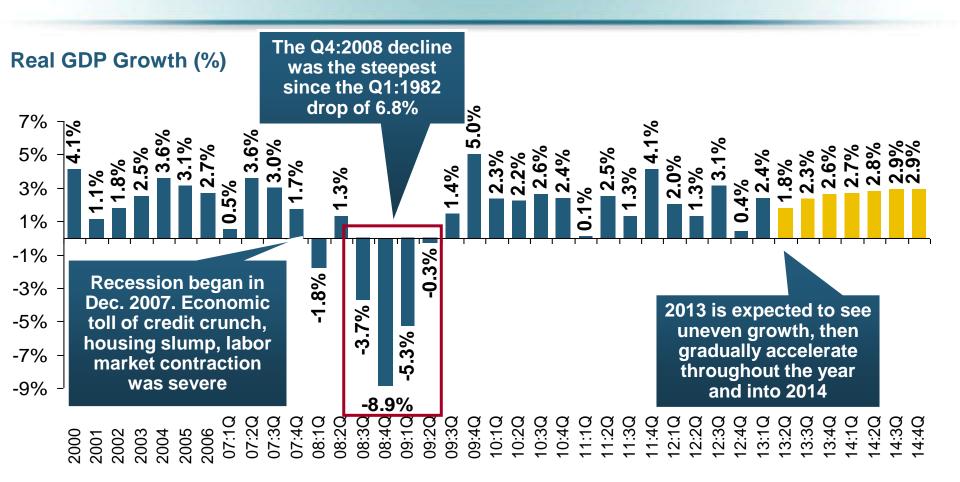


The Strength of the U.S. Economy Will Influence P/C Insurer Growth Opportunities

U.S. Growth Will Expand Insurer Exposure Base Across Most Lines

US Real GDP Growth*





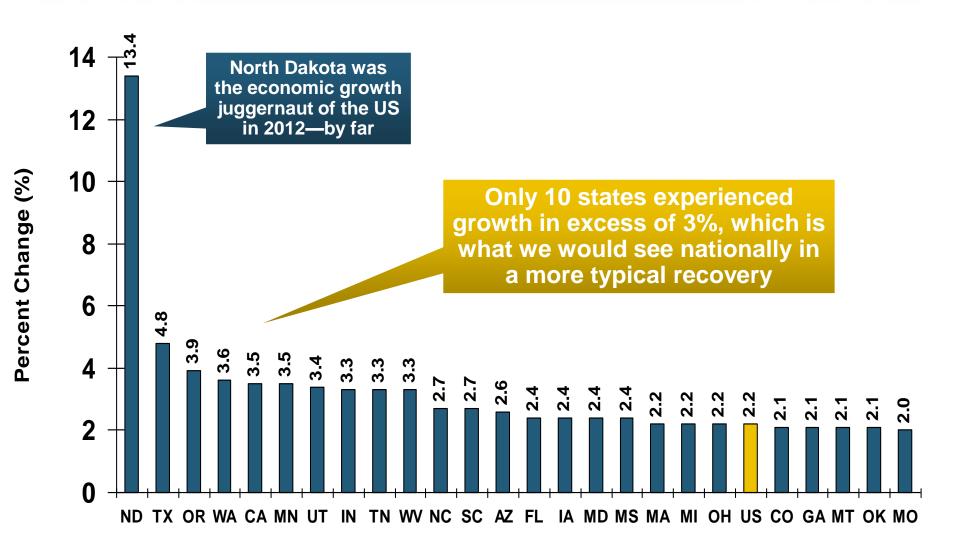
Demand for Insurance Continues To Be Impacted by Sluggish Economic Conditions, but the Benefits of Even Slow Growth Will Compound and Gradually Benefit the Economy Broadly

Source: US Department of Commerce, Blue Economic Indicators 6/13; Insurance Information Institute.

^{*} Estimates/Forecasts from Blue Chip Economic Indicators.

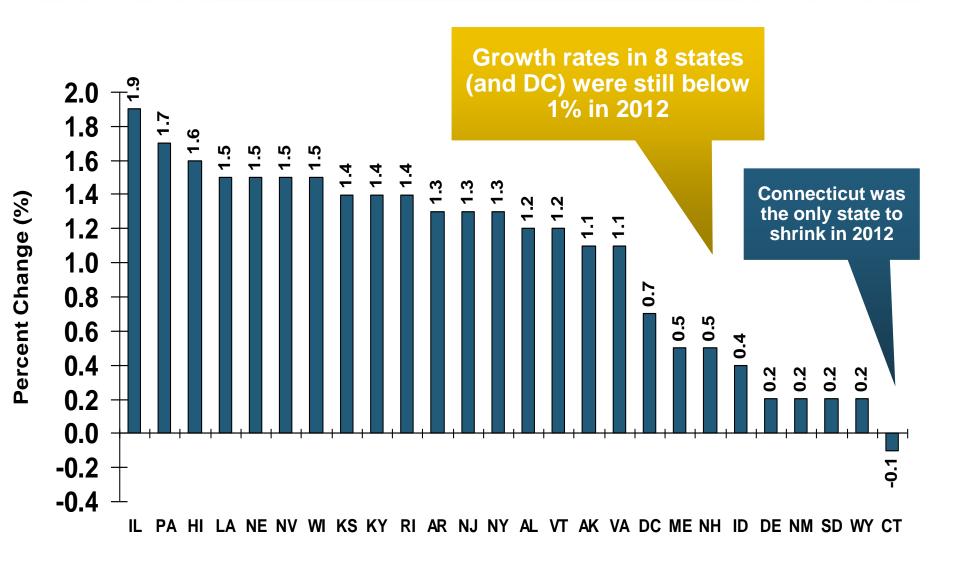
Real GDP by State Percent Change, 2012: Highest 25 States





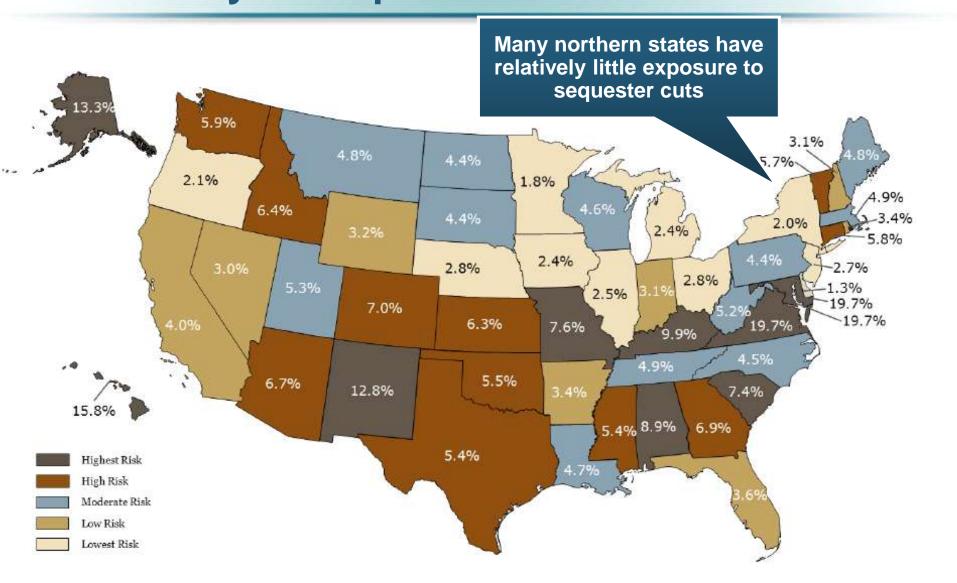
Real GDP by State Percent Change, 2012: Lowest 25 States





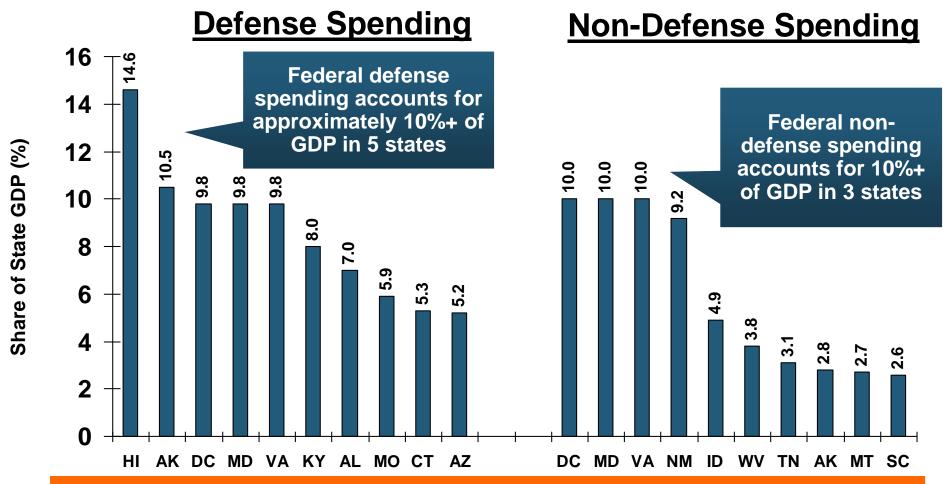
Federal Spending as a Share of State GDP: INSURANCE **Vulnerability to Sequestration Varies**





Defense and Non-Defense Federal Spending as a Share of State GDP: Top 10 States*



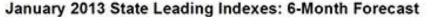


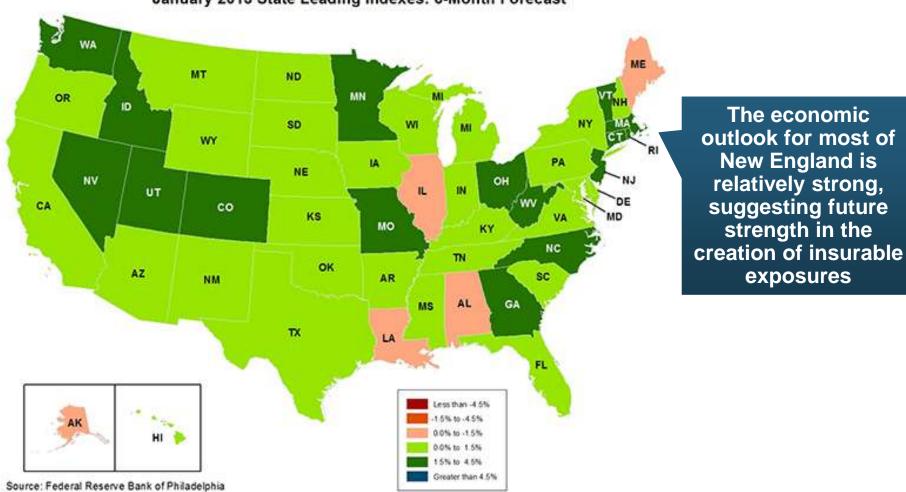
Sequestration Could Adversely Impact Commercial Insurance Exposures Directly at Defense Contractors and Indirectly in Impacted Communities

^{*}As of 2010.

State-by-State Leading Indicators through 2013:Q2

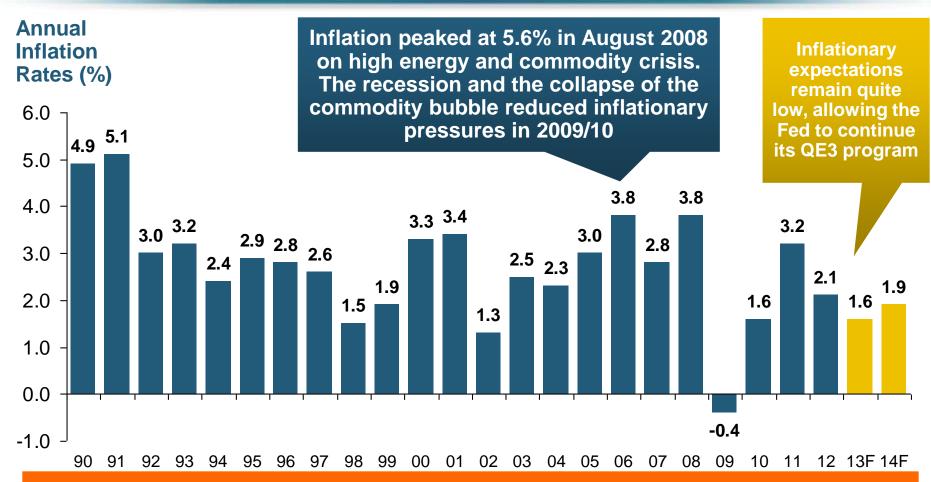






Annual Inflation Rates, (CPI-U, %), 1990–2014F



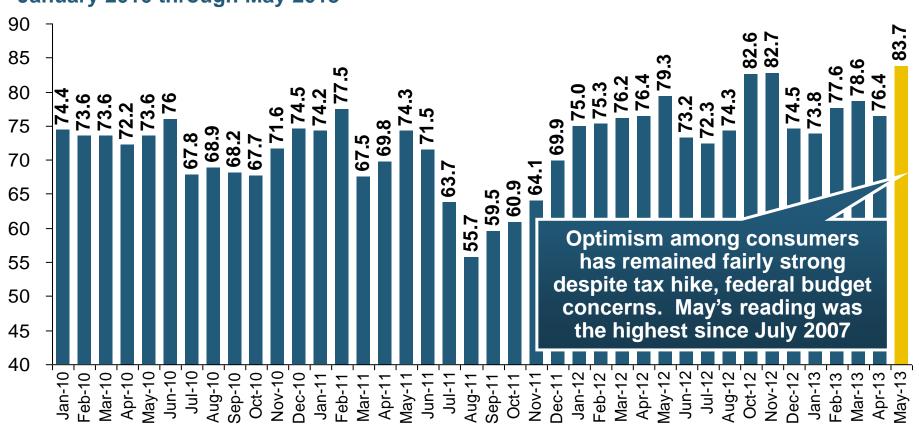


The slack in the U.S. economy suggests that inflationary pressures should remain subdued for an extended period of times. Energy, health care and commodity prices, plus U.S. debt burden, remain longer-run concerns

Consumer Sentiment Survey (1966 = 100)



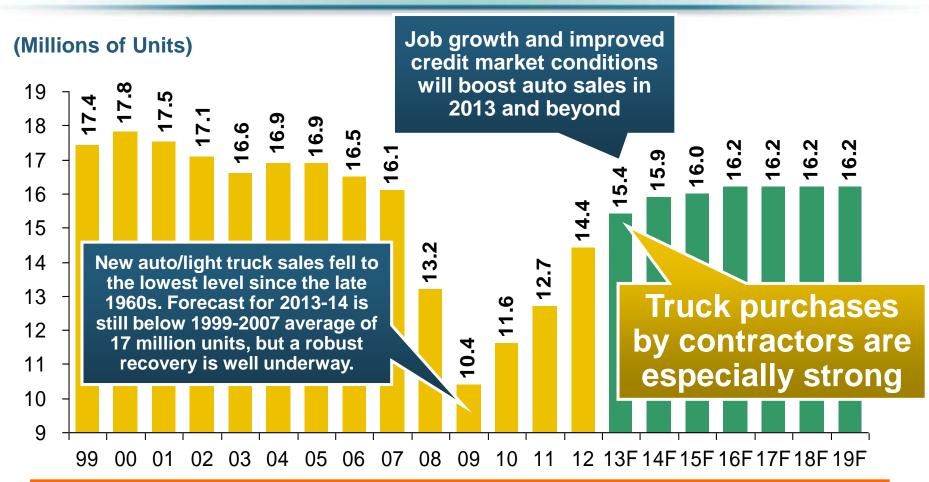




Consumer confidence has been low for years amid high unemployment, falling home prices and other factors adversely impact consumers, but improved substantially in late 2011 and in 2012

Auto/Light Truck Sales, 1999-2019F

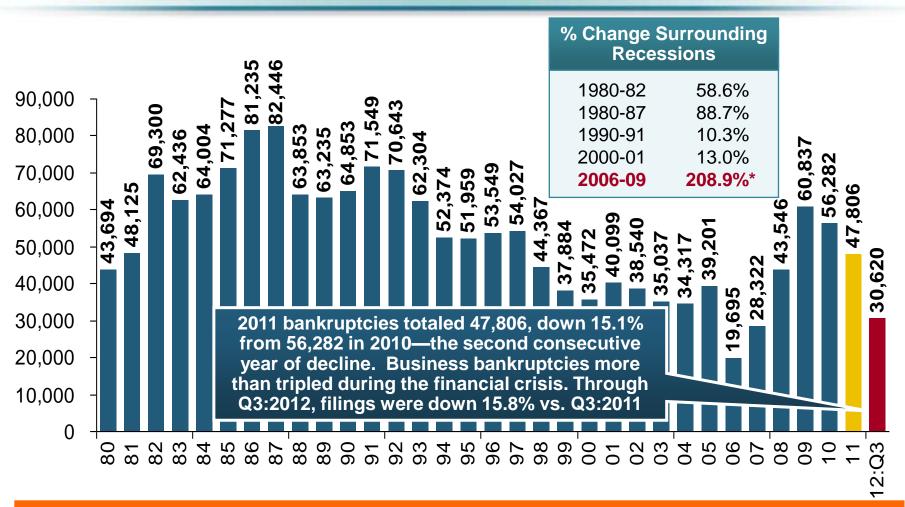




Car/Light Truck Sales Will Continue to Recover from the 2009 Low Point, Bolstering the Auto Insurer Growth and the Manufacturing Sector Along With Workers Comp Exposures

Business Bankruptcy Filings, 1980-2012:Q3



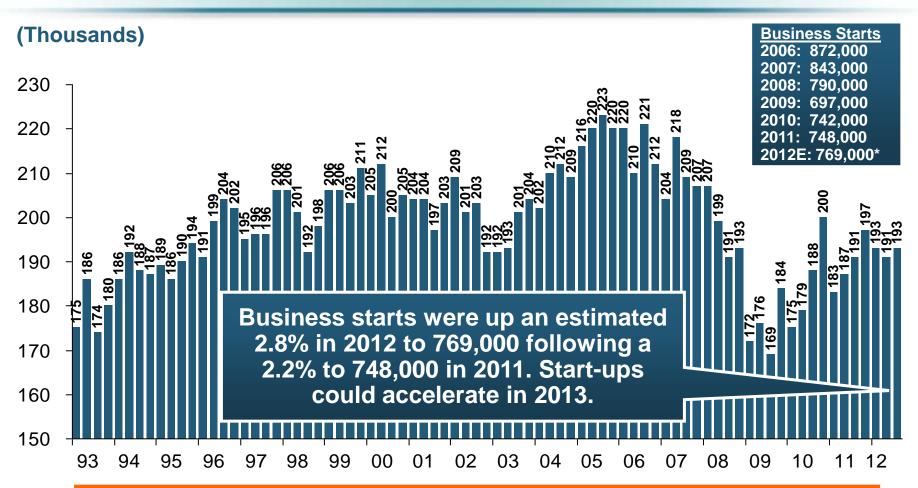


Significant Exposure Implications for All Commercial Lines as Business Bankruptcies Begin to Decline

Sources: American Bankruptcy Institute at http://www.abiworld.org/AM/AMTemplate.cfm?Section=Home&TEMPLATE=/CM/ContentDisplay.cfm&CONTENTID=61633;

Private Sector Business Starts, 1993:Q2 – 2012:Q3*





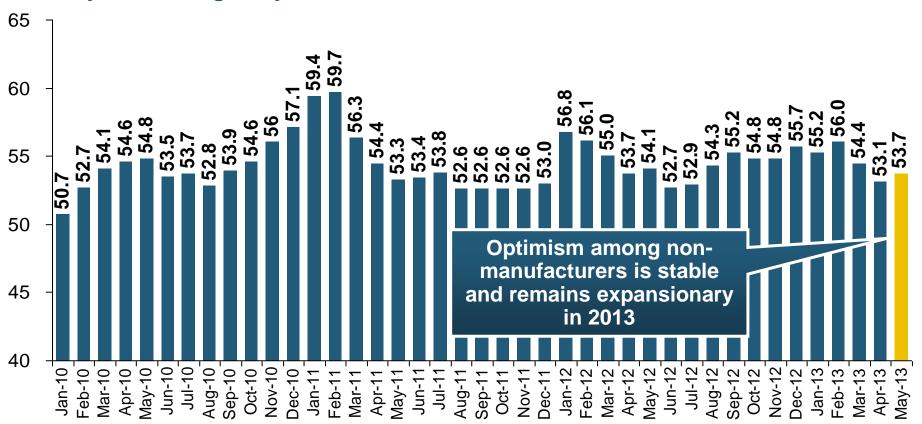
Business Starts Were Down Nearly 20% in the Recession, Holding Back Most Types of Commercial Insurance Exposure, But Are Recovering Slowly

^{*} Data through Sep. 30, 2012 are the latest available as of May 13, 2013; Seasonally adjusted. Source: Bureau of Labor Statistics, http://www.bls.gov/news.release/cewbd.t08.htm.

ISM Non-Manufacturing Index (Values > 50 Indicate Expansion)



January 2010 through May 2013

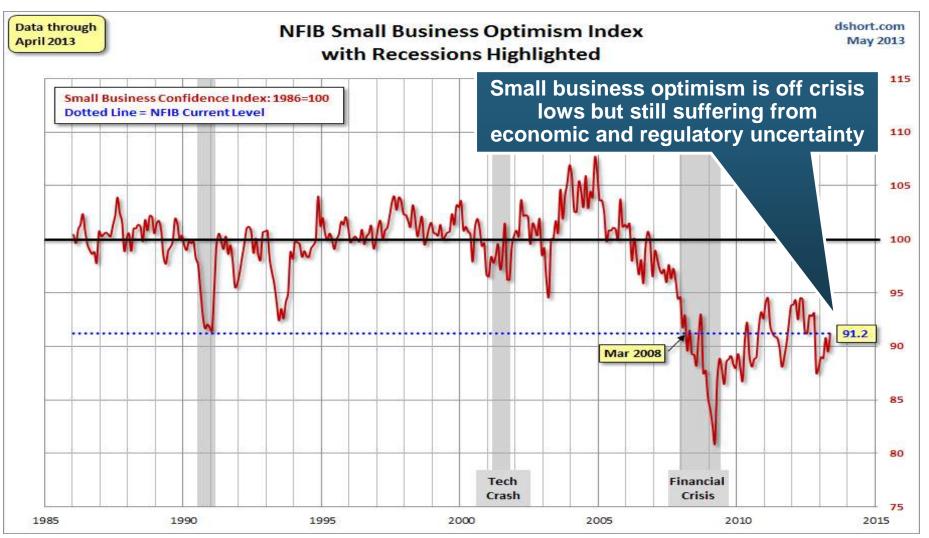


Non-manufacturing industries have been expanding and adding jobs. The question is whether this will continue.

NFIB Small Business Optimism Index



January 1985 through April 2013



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

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 (Rail, Marine, Trucking, Pipelines)

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

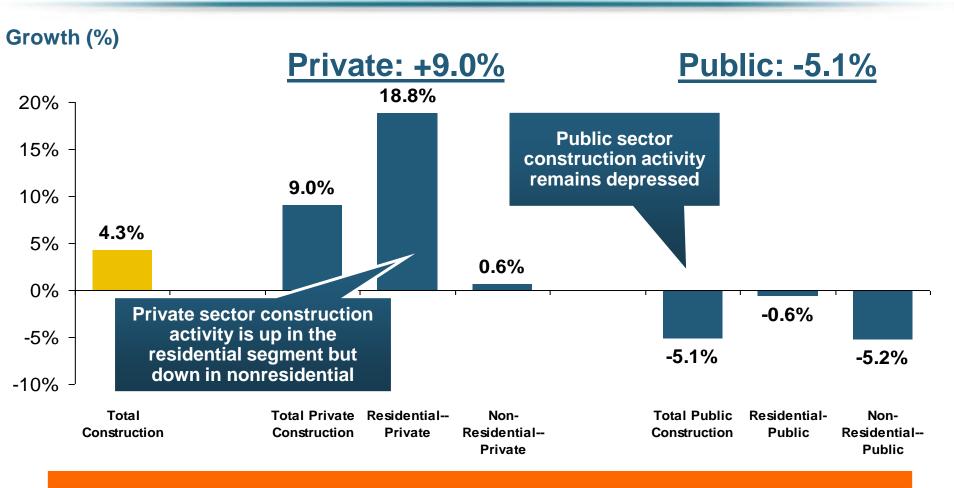


CONSTRUCTION INDUSTRY OVERVIEW & OUTLOOK

The Construction Sector Is Critical to the Economy and the P/C Insurance Industry

Value of Construction Put in Place, April 2013 vs. April 2012*



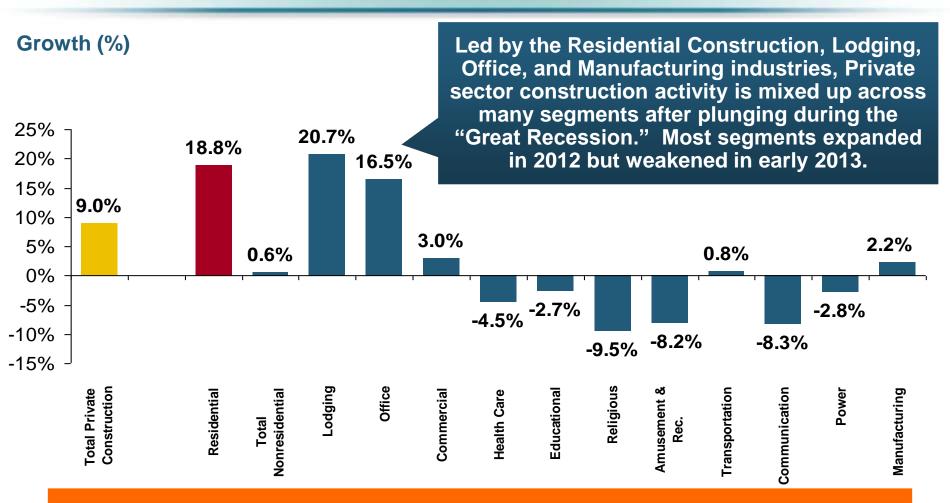


Overall Construction Activity is Up, But Growth Is Entirely in the Private Sector as State/Local Government Budget Woes Continue

^{*}seasonally adjusted Source: U.S. Census Bureau, http://www.census.gov/construction/c30/c30index.html; Insurance Information Institute.

Value of Private Construction Put in Place, by Segment, Apr. 2013 vs. Apr. 2012*



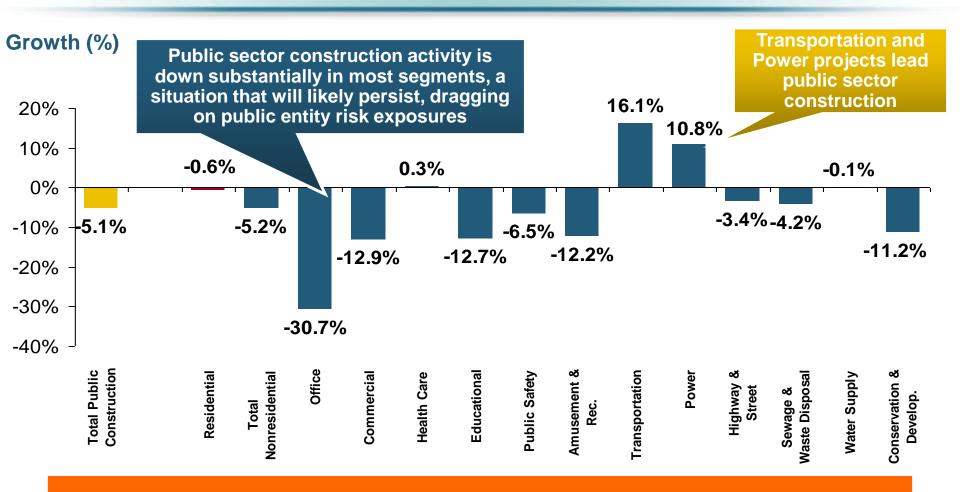


Private Construction Activity is Up inSome Segments, Including the Key Residential Construction Sector, But Weakening in Early 2013

^{*}seasonally adjusted

Value of Public Construction Put in Place, by Segment, Apr. 2013 vs. Apr. 2012*



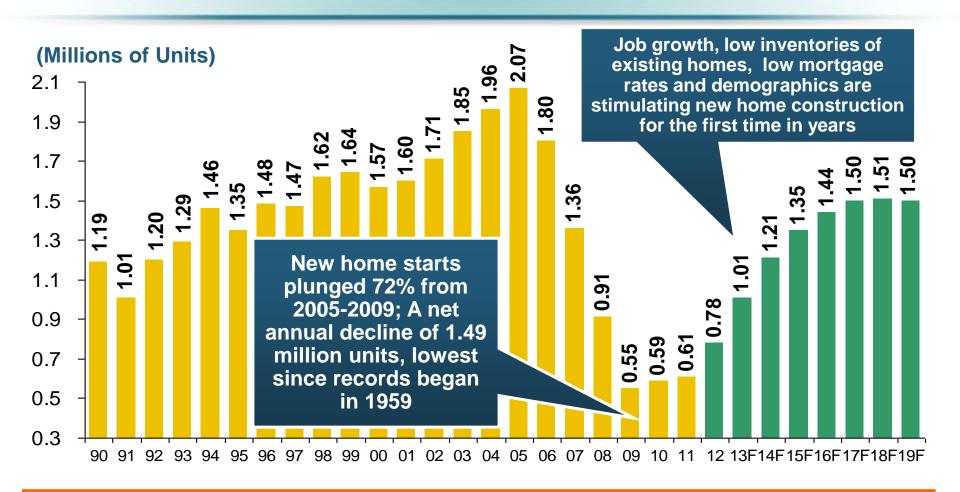


Public Construction Activity is Down in Many Segments as State and Local Budgets Remain Under Stress; Improvement Possible in 2014.

^{*}seasonally adjusted Source: U.S. Census Bureau, http://www.census.gov/construction/c30/c30index.html; Insurance Information Institute.

New Private Housing Starts, 1990-2019F

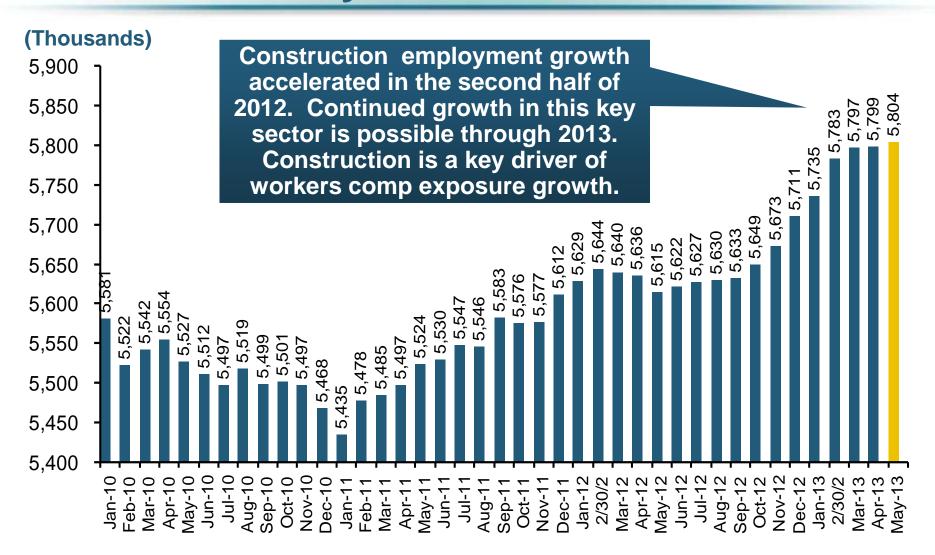




Insurers Are Starting to See Meaningful Exposure Growth for the First Time Since 2005 Associated with Home Construction: Construction Risk Exposure, Surety, Commercial Auto; Potent Driver of Workers Comp Exposure

Construction Employment, Jan. 2010—May 2013*

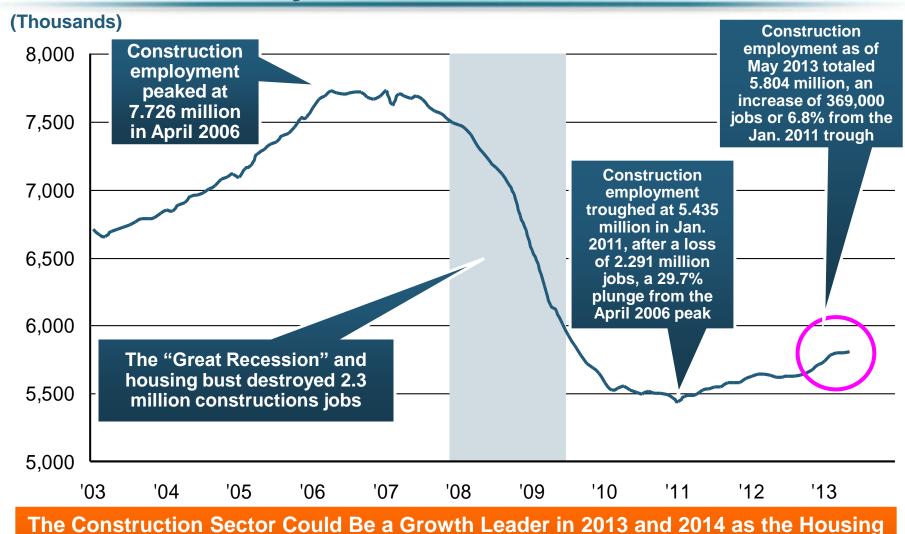




^{*}Seasonally adjusted

Construction Employment, Jan. 2003–May 2013





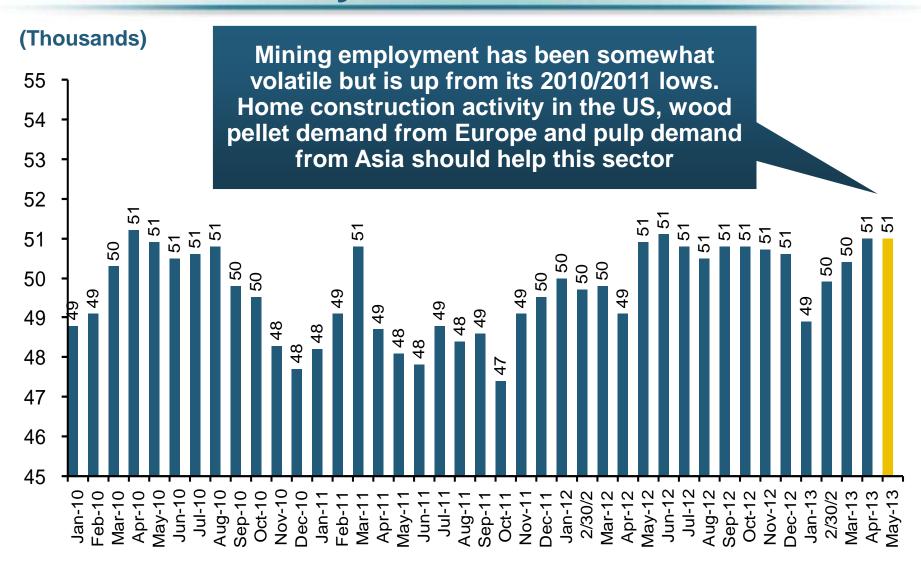
Market and Private Investment Recover. WC Insurers Will Benefit.

Note: Recession indicated by gray shaded column.

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

Logging Employment, Jan. 2010—May 2013*

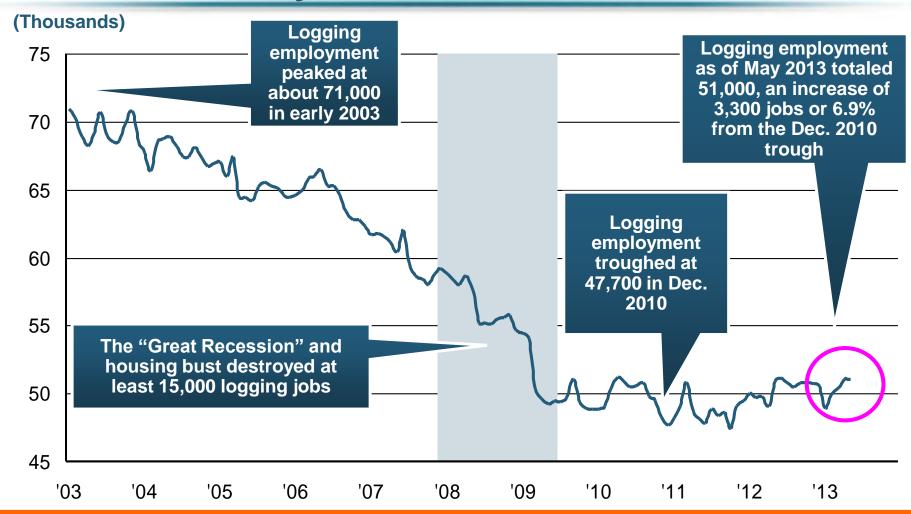




^{*}Seasonally adjusted

Logging Employment, Jan. 2003–May 2013





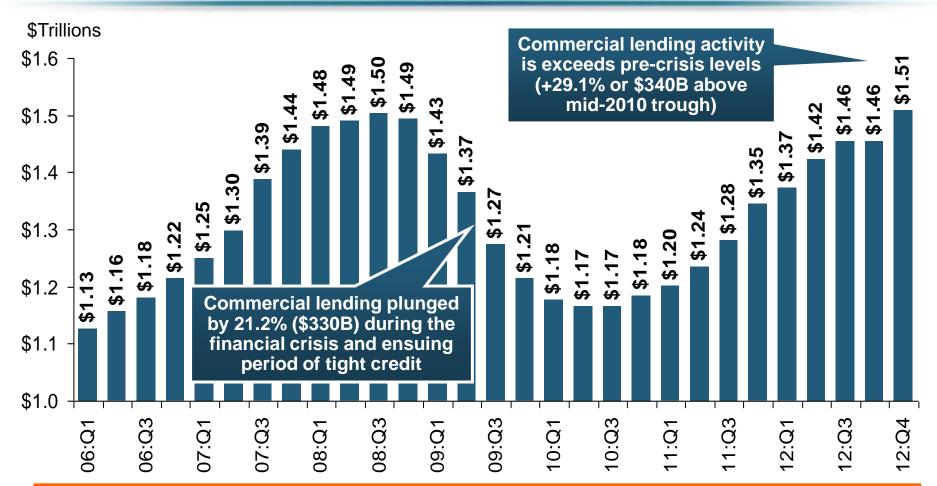
The Logging Sector Is Benefitting from Residential Home Construction, Renewable Energy Regulations in Europe (encourage wood burning) and some Asian pulp demand

Note: Recession indicated by gray shaded column.

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

Commercial & Industrial Loans Outstanding at FDIC-Insured Banks, Quarterly, 2006-2012:Q4*





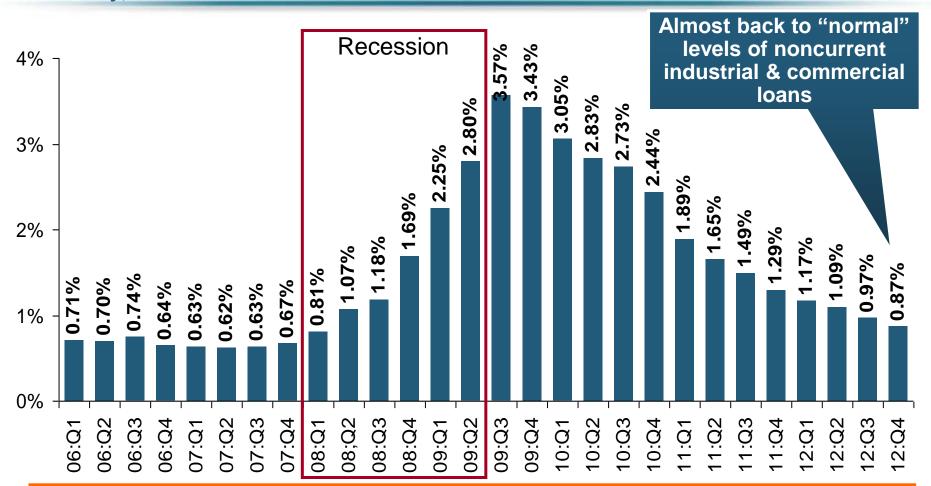
Outstanding Commercial Loan Volume Has Been Growing for Over Two Years and Is Now Nearly Back to Early Recession Levels. Bodes Very Well for the Creation of Current and Future Commercial Insurance Exposures

^{*}Latest data as of 5/13/2013.

Percent of Non-current Commercial & Industrial Loans Outstanding at FDIC-Insured Banks,



Quarterly, 2006-2012:Q4*



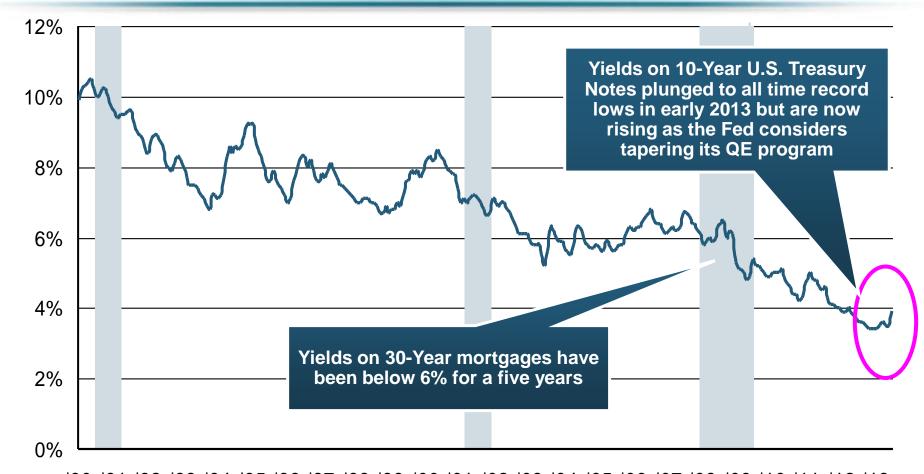
Non-current loans (those past due 90 days or more or in nonaccrual status) are back to early-recession levels, fueling bank willingness to lend.

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

^{*}Latest data as of 3/18/2013.

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





'90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13

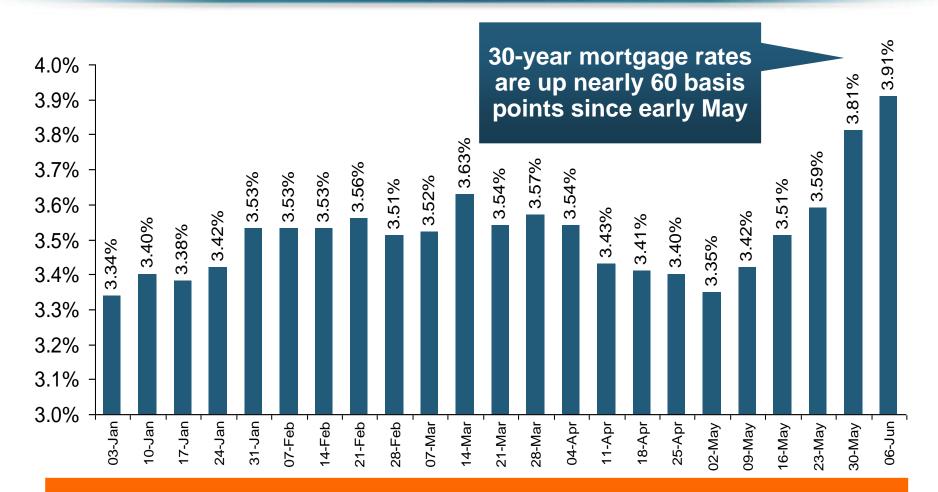
Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, most P/C insurer portfolios will have low-yielding bonds for years to come.

^{*}Monthly, through June 2013 (as of June 6).

Note: Recessions indicated by gray shaded columns.

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 June 6, 2013.

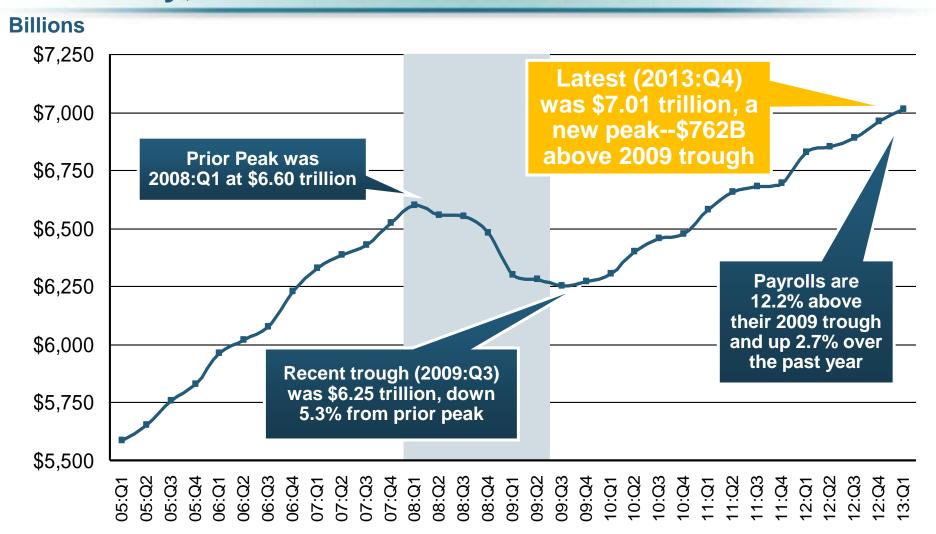


MANUFACTURING SECTOR OVERVIEW & OUTLOOK

The Manufacturing Sector Could See a Resurgence Benefitting the US Economy and the P/C Insurance Industry

Nonfarm Payroll (Wages and Salaries): Quarterly, 2005–2013:Q1





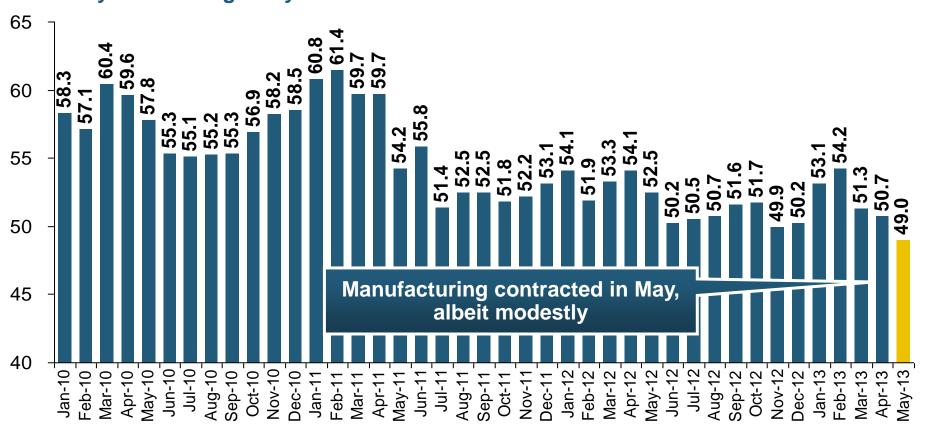
Note: Recession indicated by gray shaded column. Data are seasonally adjusted annual rates.

Sources: http://research.stlouisfed.org/fred2/series/WASCUR; National Bureau of Economic Research (recession dates); Insurance Information Institute.

ISM Manufacturing Index (Values > 50 Indicate Expansion)



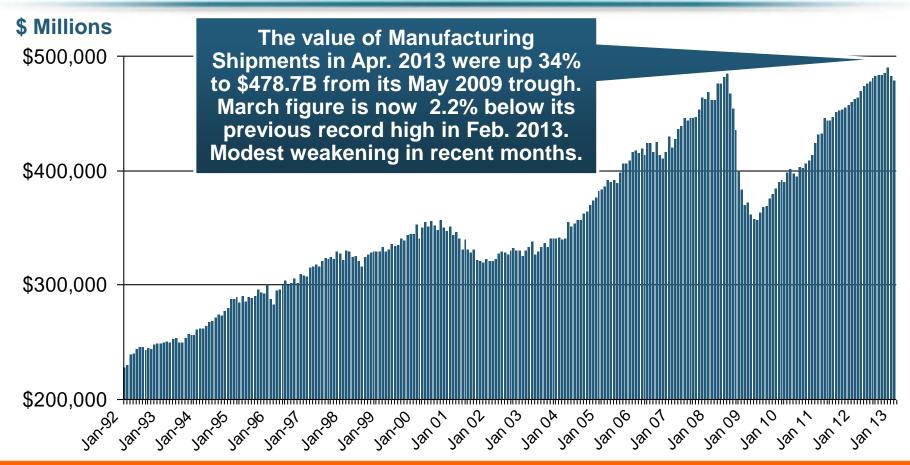
January 2010 through May 2013



The manufacturing sector expanded for 39 of the 41 months from Jan. 2010 through May 2013. Recent weakness stems largely from woes in Europe and a Slowdown in China.

Dollar Value* of Manufacturers' Shipments Monthly, Jan. 1992—Apr. 2013

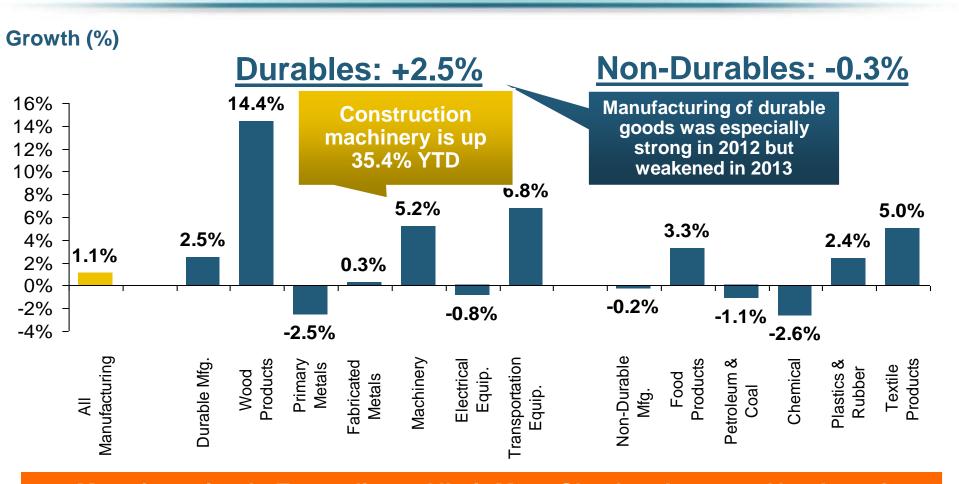




Monthly shipments in Feb. 2013 exceeded their pre-crisis (July 2008) peak. Trough in May 2009. Growth from trough to Apr. 2013 was 34%. Manufacturing is an energy intensive activity and growth leads to gains in many commercial exposures: WC, Commercial Auto, Marine, Property and Various Liability Coverages

Manufacturing Growth for Selected Sectors, 2013 vs. 2013*



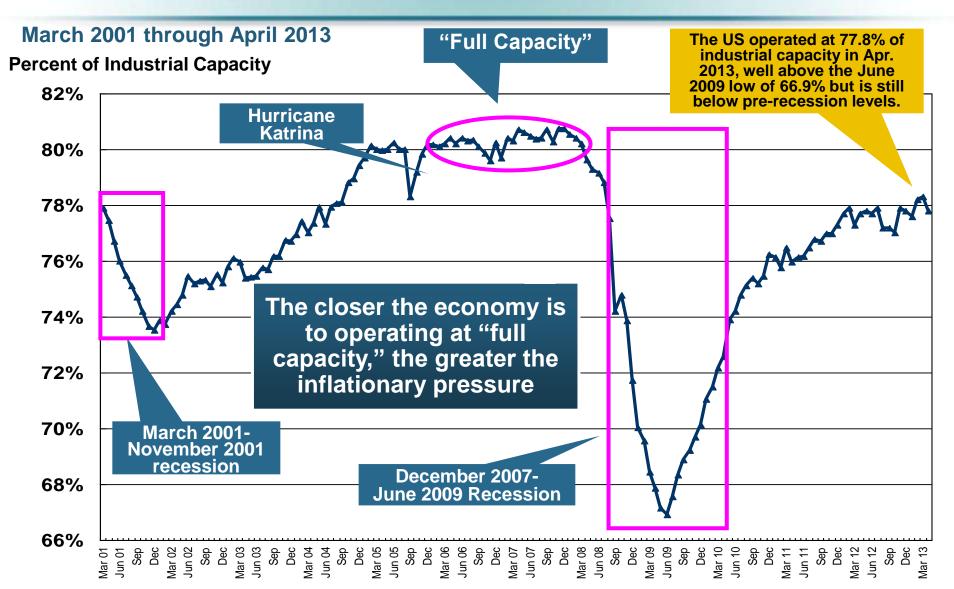


Manufacturing Is Expanding—Albeit More Slowly—Across a Number of Sectors that Will Contribute to Growth in Insurable Exposures Including: WC, Commercial Property, Commercial Auto and Many Liability Coverages

^{*}Seasonally adjusted; Date are YTD comparing data through April 2013 to the same period in 2012. Source: U.S. Census Bureau, Full Report on Manufacturers' Shipments, Inventories, and Orders, http://www.census.gov/manufacturing/m3/

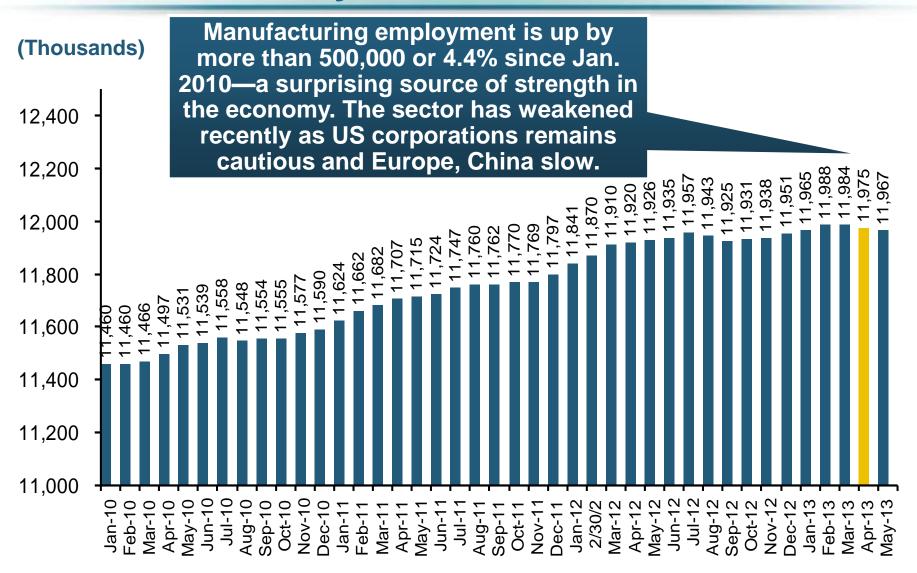
Recovery in Capacity Utilization is a Positive Sign for Commercial Exposures





Manufacturing Employment, Jan. 2010—May 2013*





^{*}Seasonally adjusted



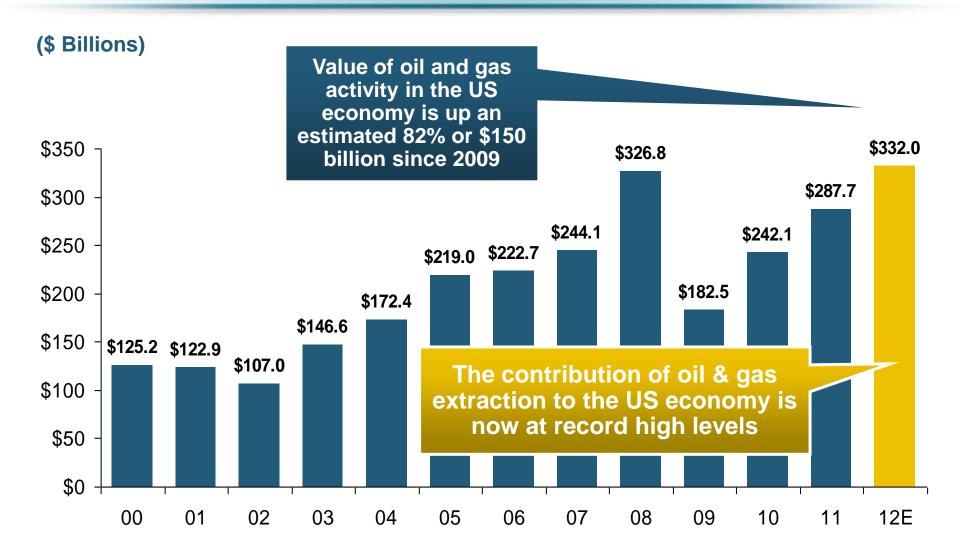
ENERGY SECTOR: OIL & GAS INDUSTRY FUTURE IS BRIGHT

US Is Becoming an Energy Powerhouse; Domestic Demand and Exports Are Key

Need Infrastructure Investment

US Oil & Gas Extraction: Value of Output: 2000–2012E

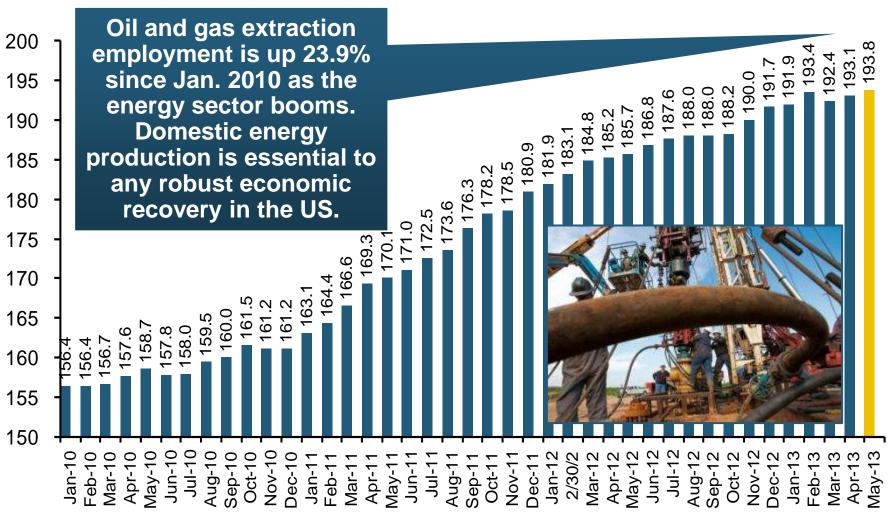




Oil & Gas Extraction Employment, Jan. 2010—May 2013*



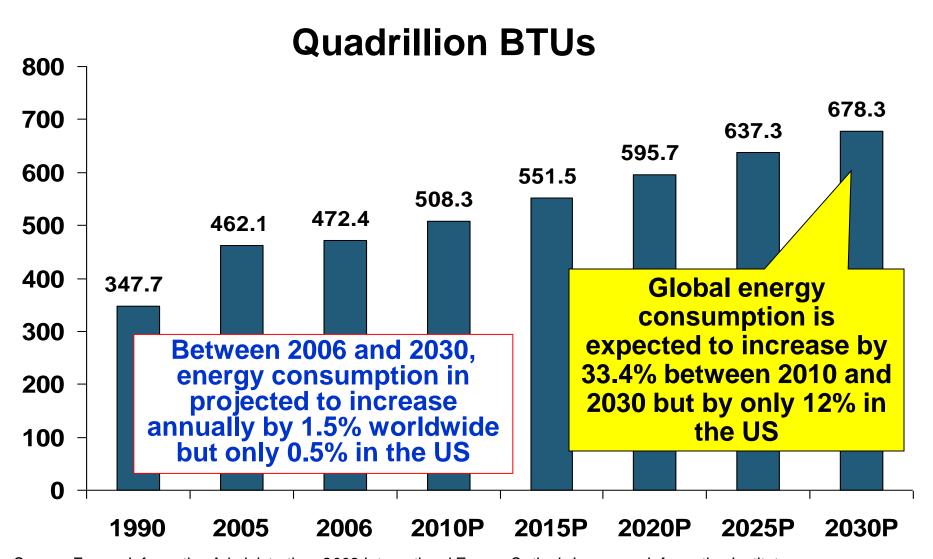
(Thousands)



^{*}Seasonally adjusted

World Primary Energy Consumption, 1990-2030P

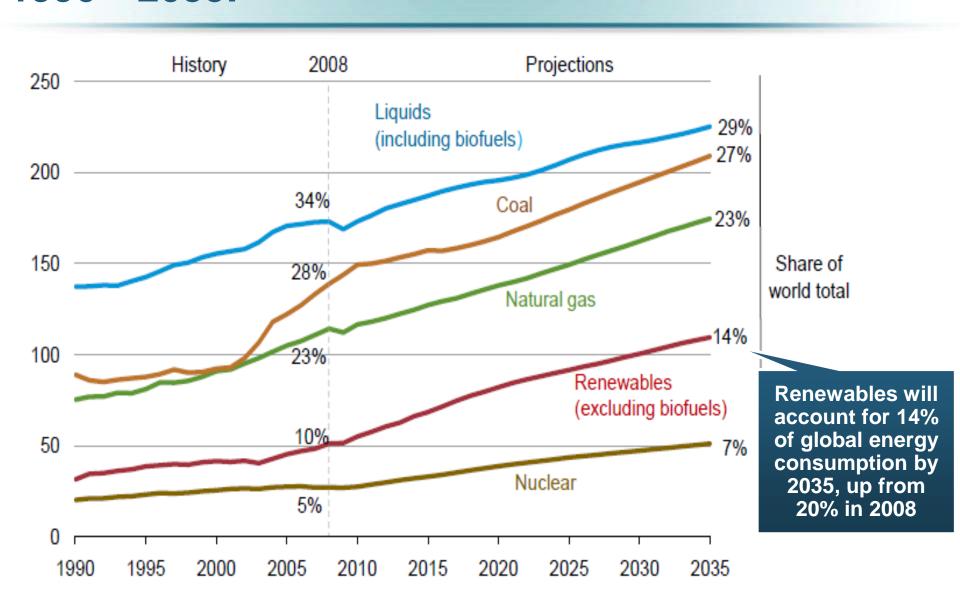




Source: Energy Information Administration, 2009 International Energy Outlook, Insurance Information Institute.

World Energy Consumption by Fuel, 1990—2035F

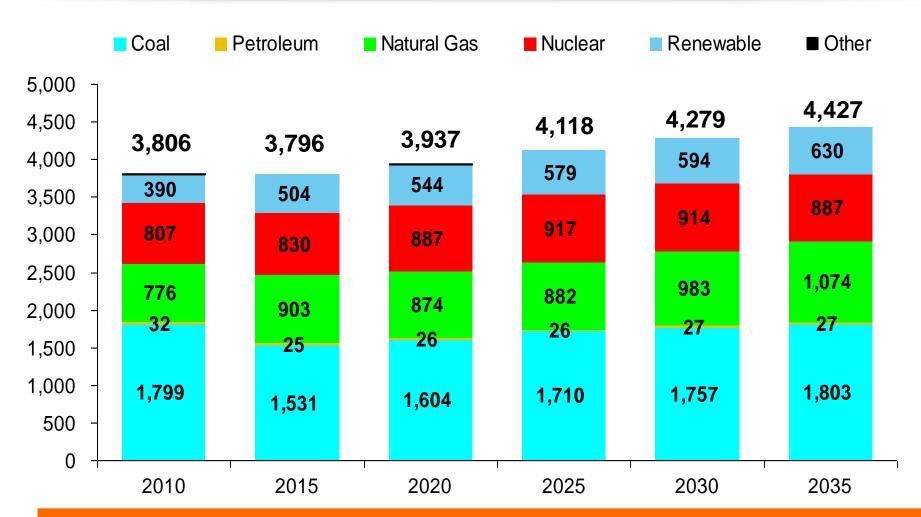




Source: US Energy Information Administration, International Energy Outlook 2011; Insurance Information Institute.

US Electric Power Generation by Fuel Source, 2010-2035F (Billions of Kilowatt Hours)

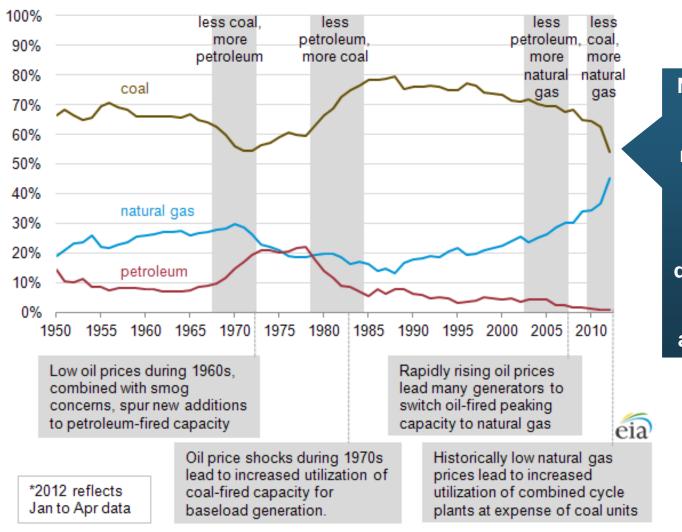




Demand for Electricity Is Expected to Grow at a 0.6% Annual Rate Through 2035. Renewables and Natural Gas Will Account for an Increasing Share of Fuel Source

U.S. Annual Share of Fossil Fired Electric Power Generation, 1950-2012*

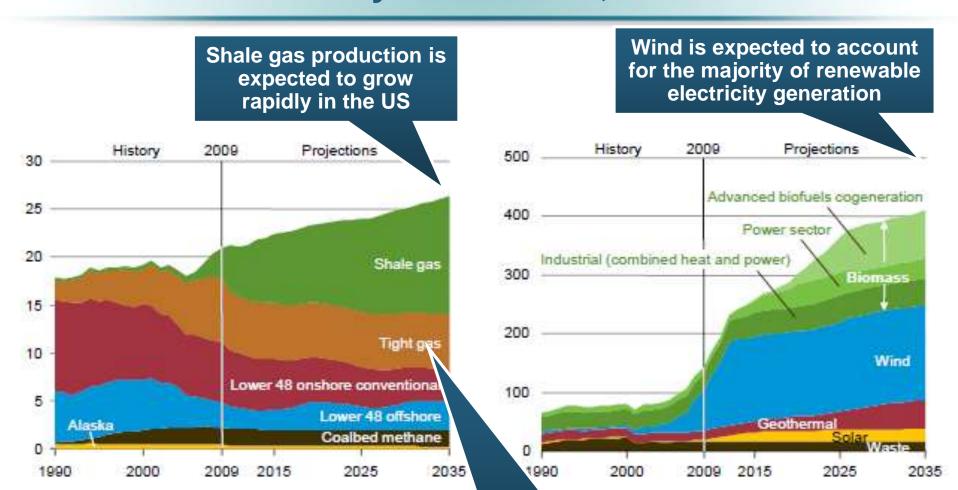




of fossil fired generation has more than tripled to 45% in 2012 from less than 15% in 1988.
Coal's share is down significantly and Petroleum's share is approaching zero

Source: US Energy Information Administration, http://www.eia.gov/todayinenergy/detail.cfm?id=7090#; Insurance Information Institute.

US Natural Gas Production and Non-Hydro Renewable Electricity Generation, 1990-2035

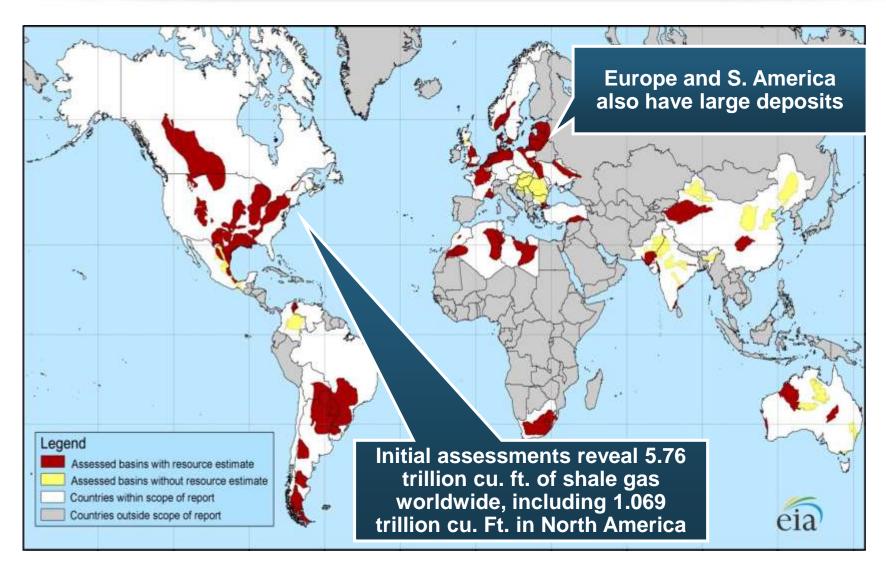


Tight gas production involves controversial hydraulic fracturing (fracking) techniques

Source: US Energy Information Administration, Annual Energy Outlook 2011; Insurance Information Institute.

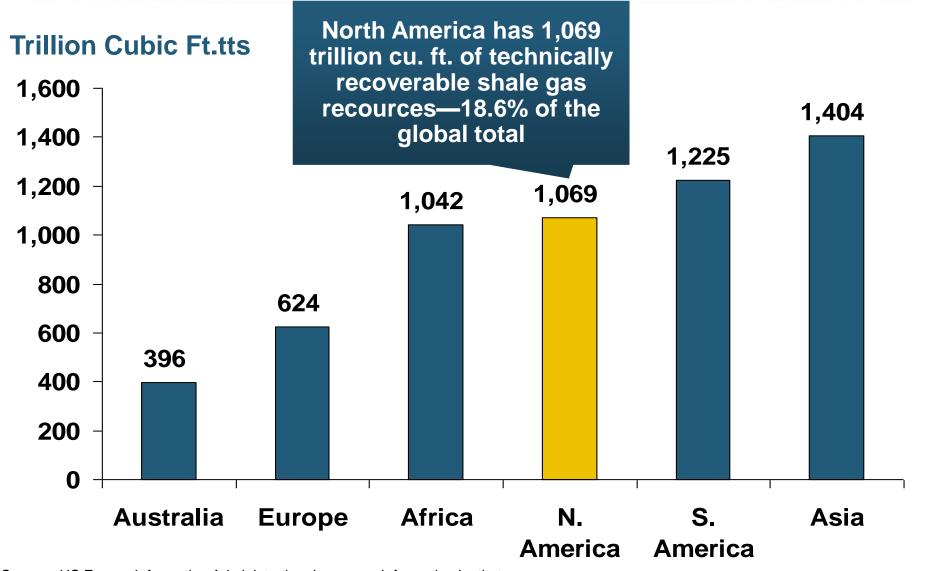
Distribution of Major Shale Deposits: 5.76 Tr. Cu. Ft. in 48 Shale Basins in 32 Countries





Technically Recoverable Shale Gas Deposits, by Region

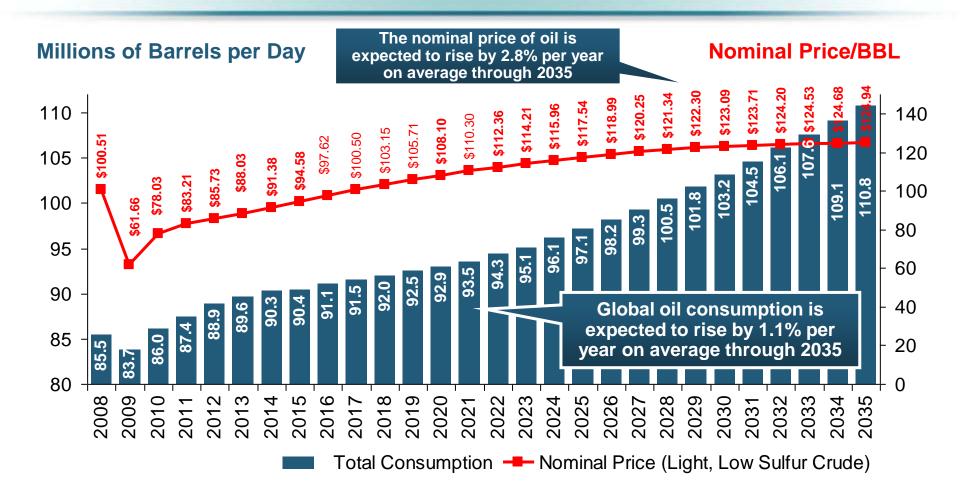




Source: US Energy Information Administration; Insurance Information Institute.

Global Oil Consumption and Price, 2008 – 2035F

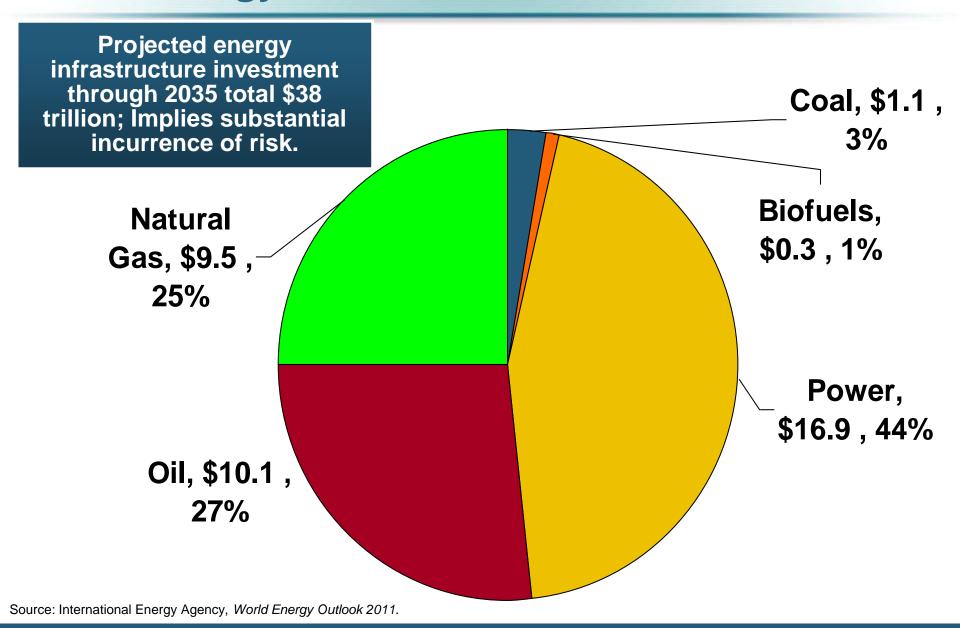




Oil Will Become Relatively More Expensive Over Time, With Price Increases Outstripping Income Growth in Many Parts of the World

Cumulative Projected Investment in Global Energy Infrastructure, 2011-2035 (\$ Trill.)





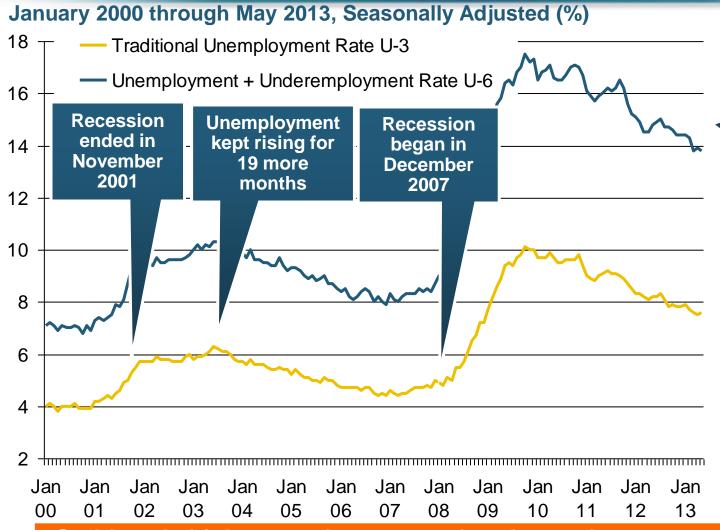


Labor Market Trends

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

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





U-6 went from 8.0% in March 2007 to 17.5% in October 2009; Stood at 13.8% in May 2013

Unemployment stood at 7.6% in May 2013—nealry its lowest level in 4 years.

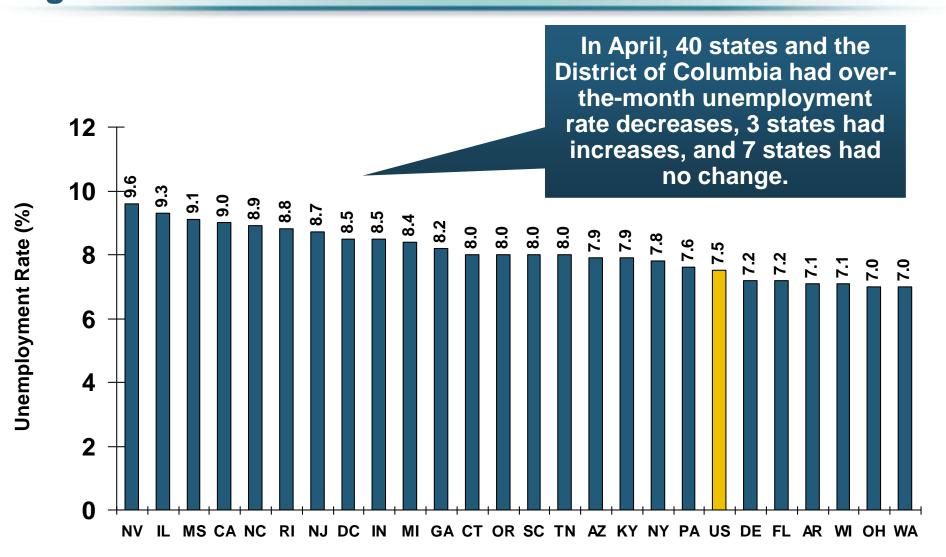
Unemployment peaked at 10.1% in October 2009, highest monthly rate since 1983.

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

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

Unemployment Rates by State, April 2013: Highest 25 States*



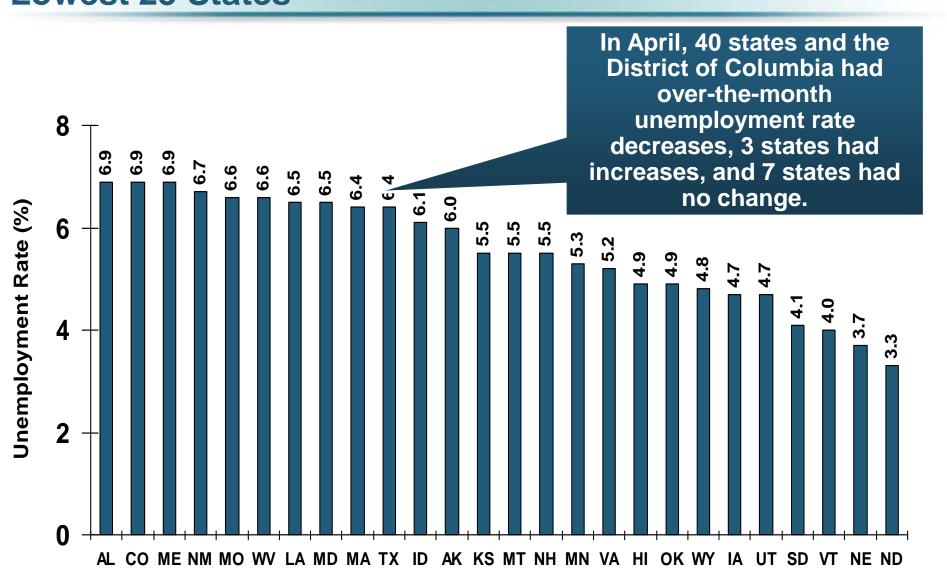


^{*}Provisional figures for April 2013, seasonally adjusted.

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

Unemployment Rates by State, April 2013: Lowest 25 States*

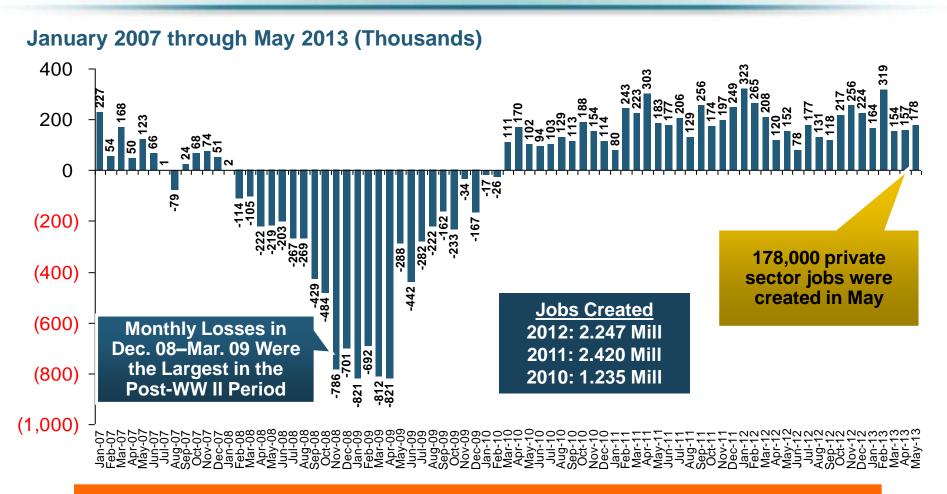




^{*}Provisional figures for April 2013, seasonally adjusted.

Monthly Change in Private Employment

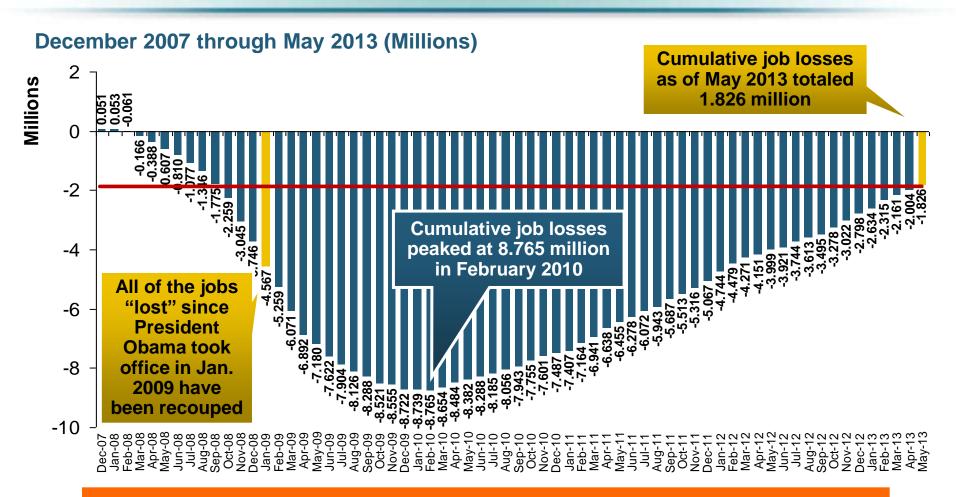




Private Employers Added 6.90 million Jobs Since Jan. 2010 After Having Shed 4.98 Million Jobs in 2009 and 3.80 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

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



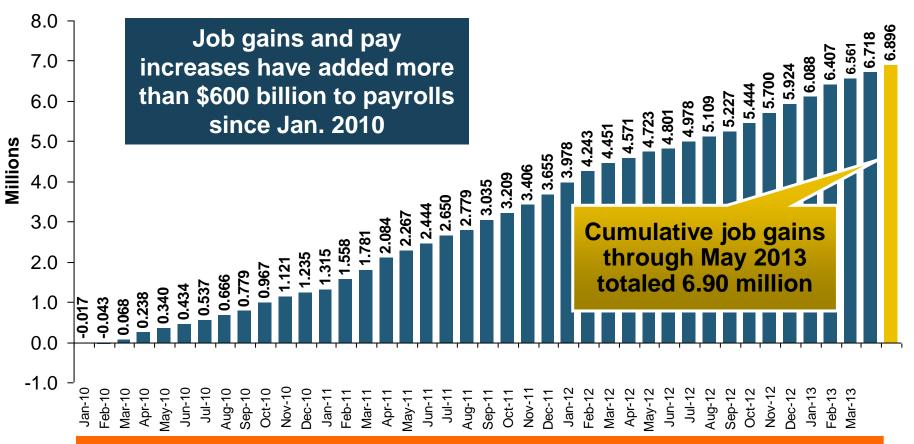


Private Employers Added 6.90 million Jobs Since Jan. 2010 After Having Shed 4.98 Million Jobs in 2009 and 3.80 Million in 2008 (State and Local Governments Have Shed Hundreds of Thousands of Jobs)

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



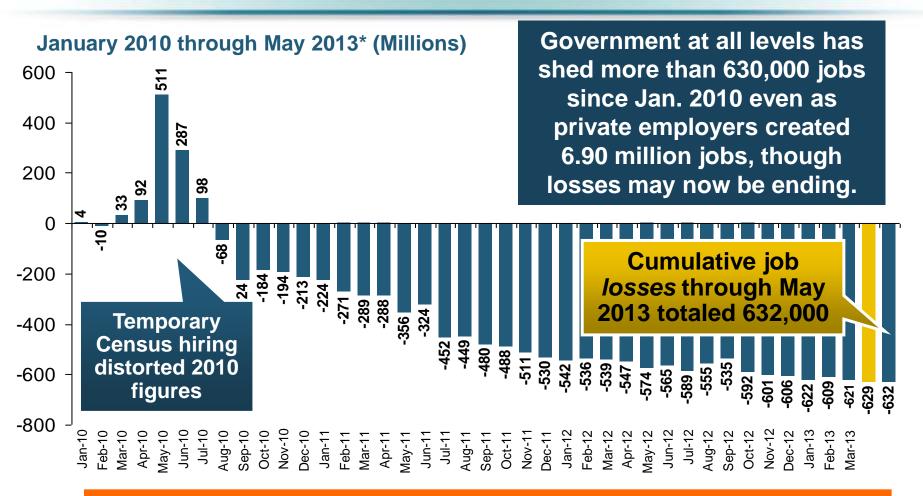
January 2010 through May 2013* (Millions)



Private Employers Added 6.90 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—May 2013

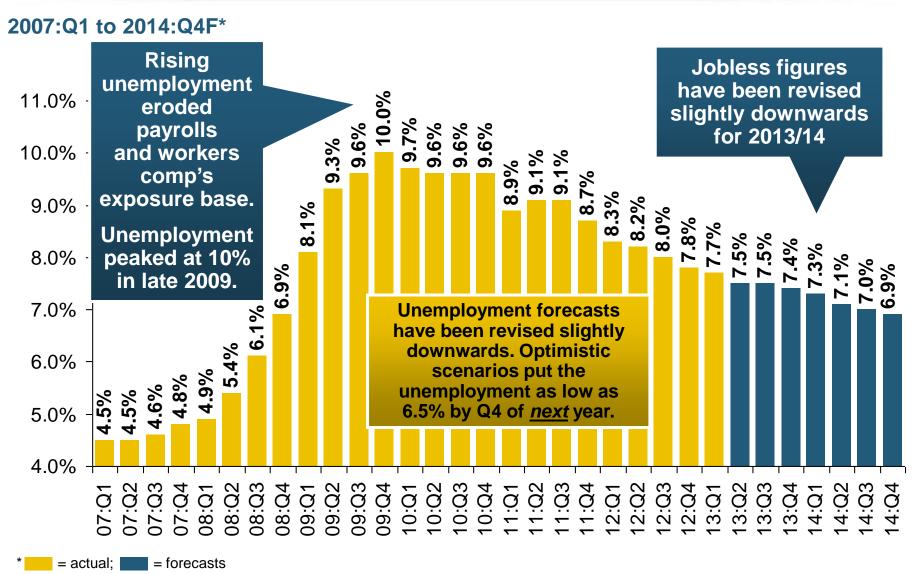




Governments at All Levels are Under Severe Fiscal Strain As Tax Receipts Plunged and Pension Obligations Soared During the Financial Crisis: Sequestration Will Add to this Toll

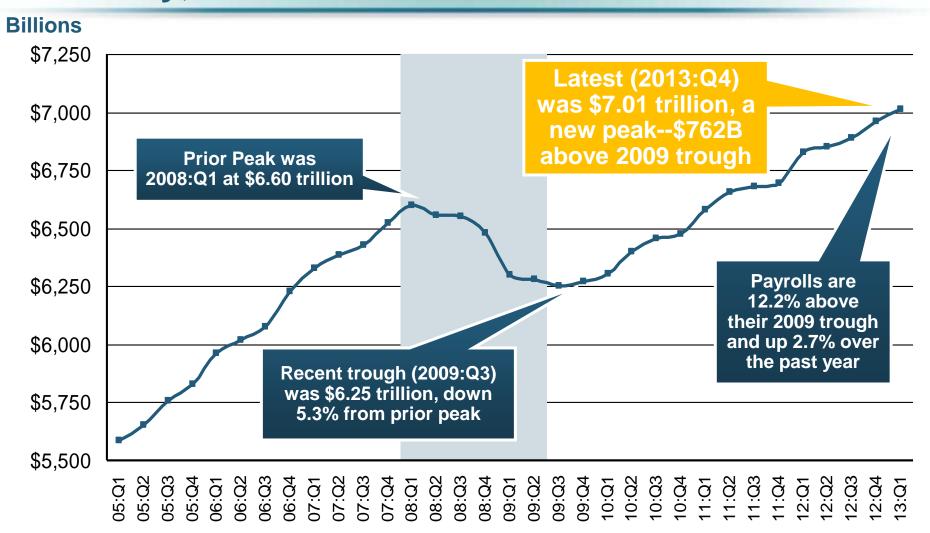
US Unemployment Rate Forecast





Nonfarm Payroll (Wages and Salaries): Quarterly, 2005–2013:Q1



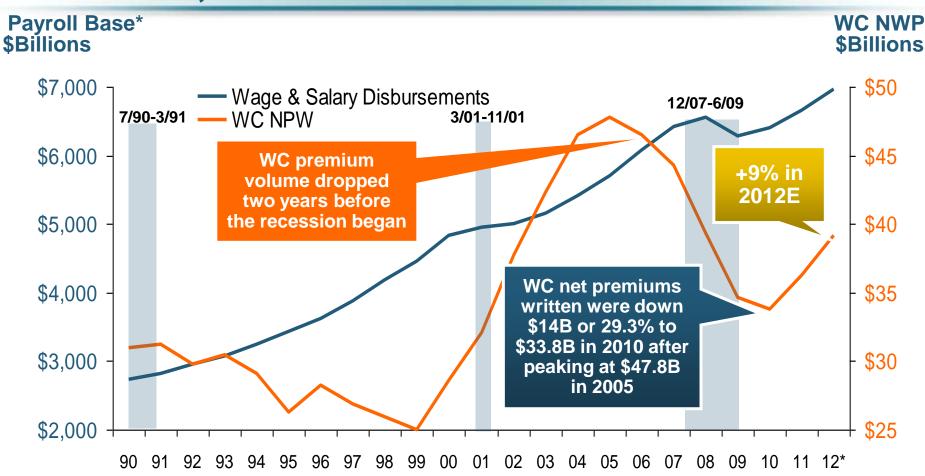


Note: Recession indicated by gray shaded column. Data are seasonally adjusted annual rates.

Sources: http://research.stlouisfed.org/fred2/series/WASCUR; National Bureau of Economic Research (recession dates); Insurance Information Institute.

Payroll vs. Workers Comp Net Written Premiums, 1990-2012E





Continued Payroll Growth and Rate Increases Suggest WC NWP Will Grow Again in 2012; +7.9% Growth in 2011 Was the First Gain Since 2005

^{*}Private employment; Shaded areas indicate recessions. WC premiums for 2012 are I.I.I. estimate based YTD 2012 actuals. Sources: NBER (recessions); Federal Reserve Bank of St. Louis at http://research.stlouisfed.org/fred2/series/WASCUR; NCCI; I.I.I.

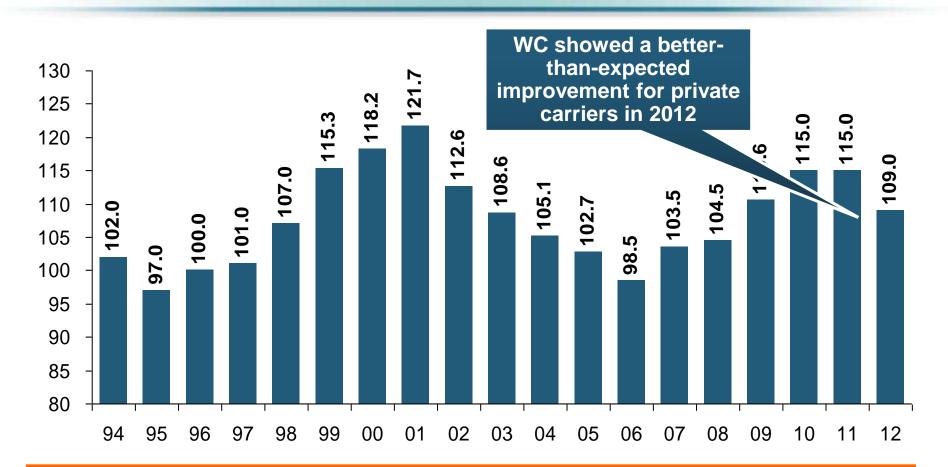


Workers Compensation Operating Environment

The Weak Economy and Soft Market Have Made the Workers Comp Operating Increasingly Challenging

Workers Compensation Combined Ratio: 1994–2012P



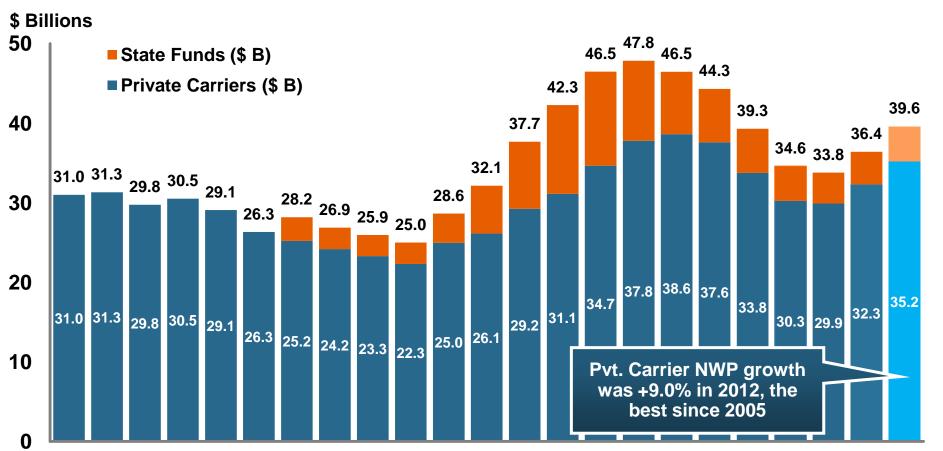


Workers Comp Results Began to Improve in 2012. Underwriting Results Deteriorated Markedly from 2007-2010/11 and Were the Worst They Had Been in a Decade.

Workers Compensation Premium: Second Consecutive Year of Increase



Net Written Premium



1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 20112012p

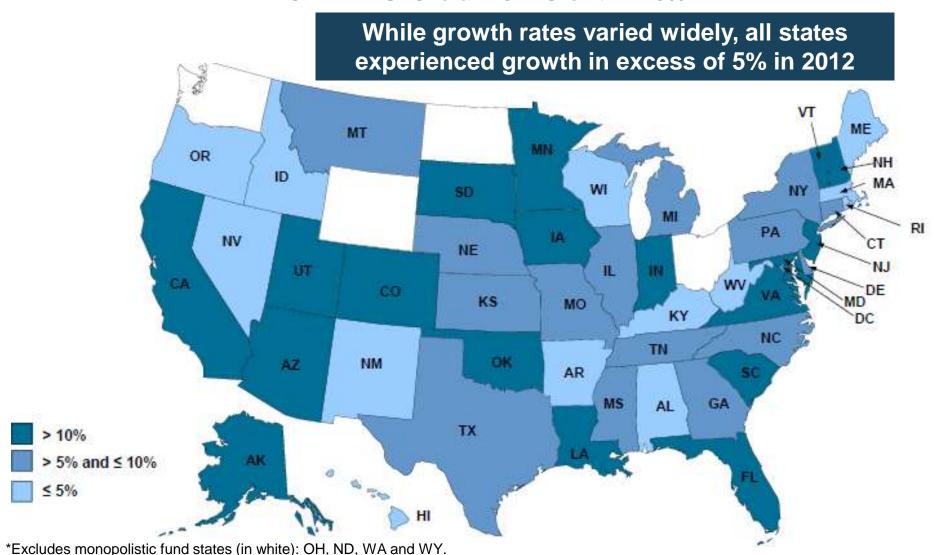
p Preliminary

Source: 1990–20102p Private Carriers, Annual Statement Data, NCCI.
1996–2012p State Funds: AZ, CA, CO, HI, ID, KY, LA, MD, MO, MT, NM, OK, OR, RI, TX, UT Annual Statements
State Funds available for 1996 and subsequent

2012 Workers Compensation Direct Written Premium Growth, by State*



PRIVATE CARRIERS: Overall 2012 Growth = +9%



*Excludes monopolistic fund states (in white): OH, ND, WA and W Source: NCCI.

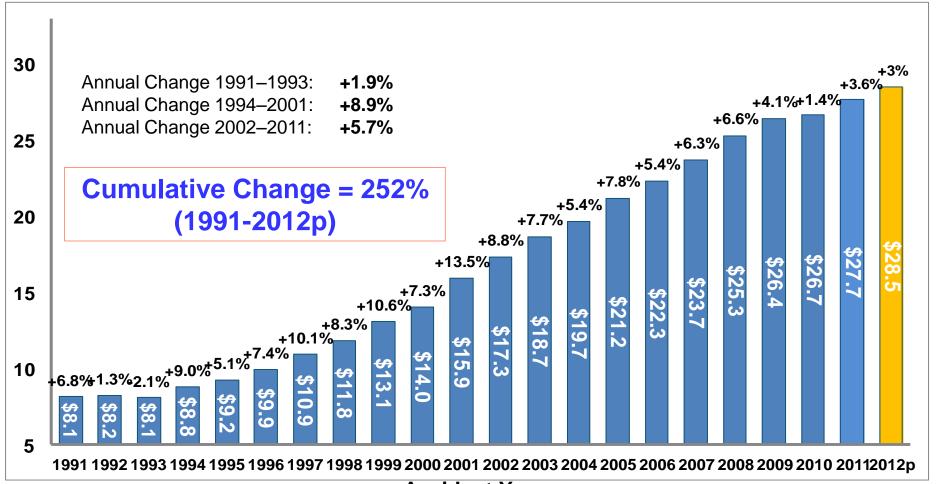
63

Workers Compensation Medical Severity Moderate Increase in 2012



Medical
Claim Cost (\$000s)

Average Medical Cost per Lost-Time Claim



Accident Year

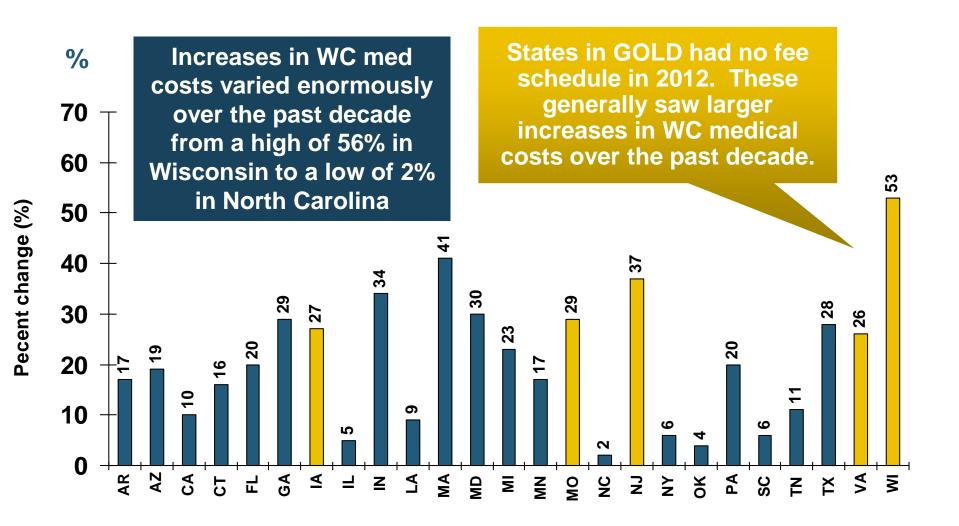
2012p: Preliminary based on data valued as of 12/31/2012.

1991-2011: Based on data through 12/31/2011, developed to ultimate

Based on the states where NCCI provides ratemaking services including state funds, excluding WV; Excludes high deductible policies.

Change in Price Paid for Medical Professional Services in WC, 2002-2012*

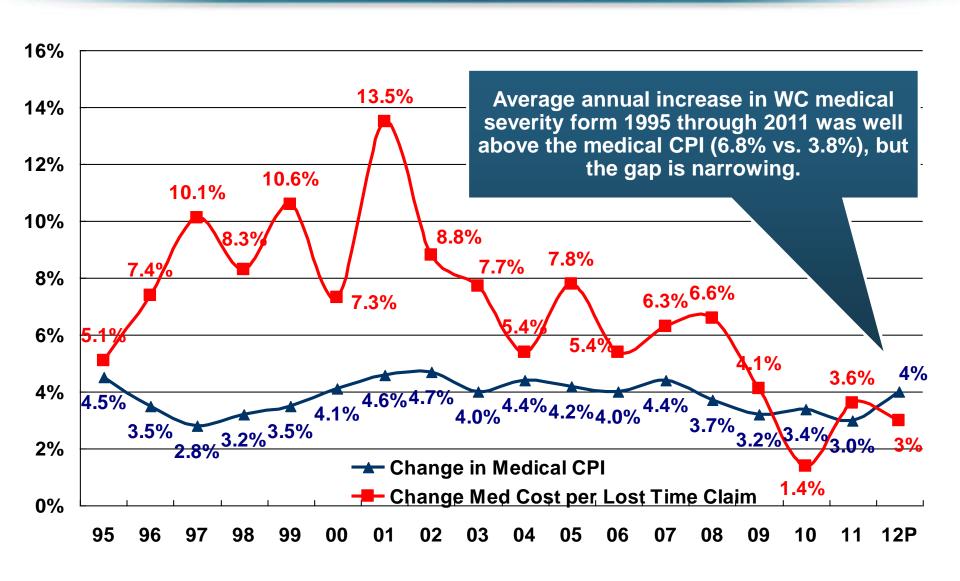




^{*}Data are preliminary as of 6/30/12.

WC Medical Severity Generally Outpaces the Medical CPI Rate

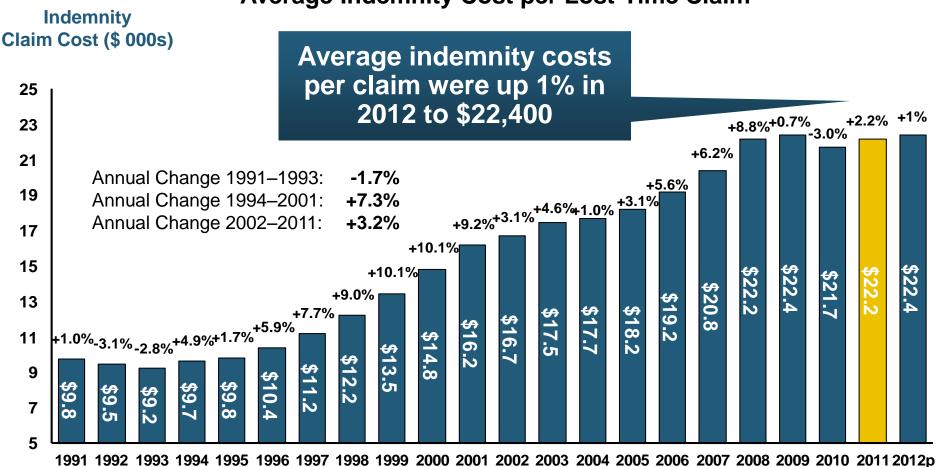




Workers Comp Indemnity Claim Costs: Small Increase in 2012



Average Indemnity Cost per Lost-Time Claim



Accident Year

2012p: Preliminary based on data valued as of 12/31/2012.

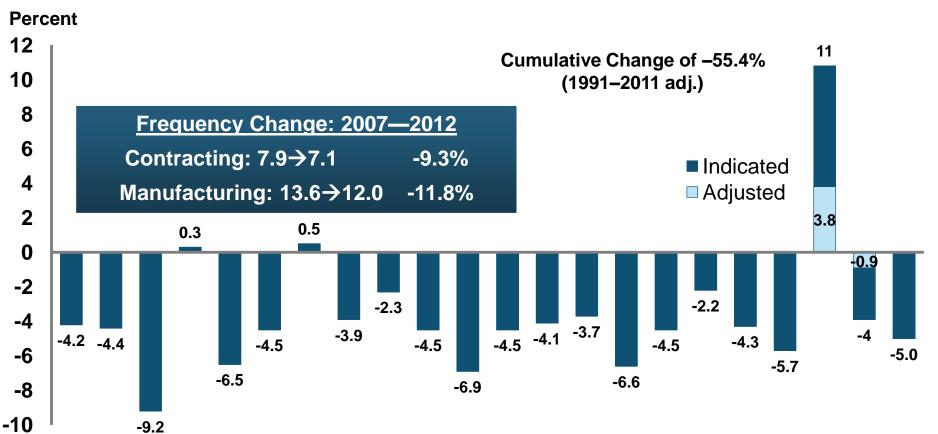
1991-2011: Based on data through 12/31/2011, developed to ultimate

Based on the states where NCCI provides ratemaking services including state funds, excluding WV; Excludes high deductible policies.

Workers Compensation Lost-Time Claim Frequency Declined in 2012







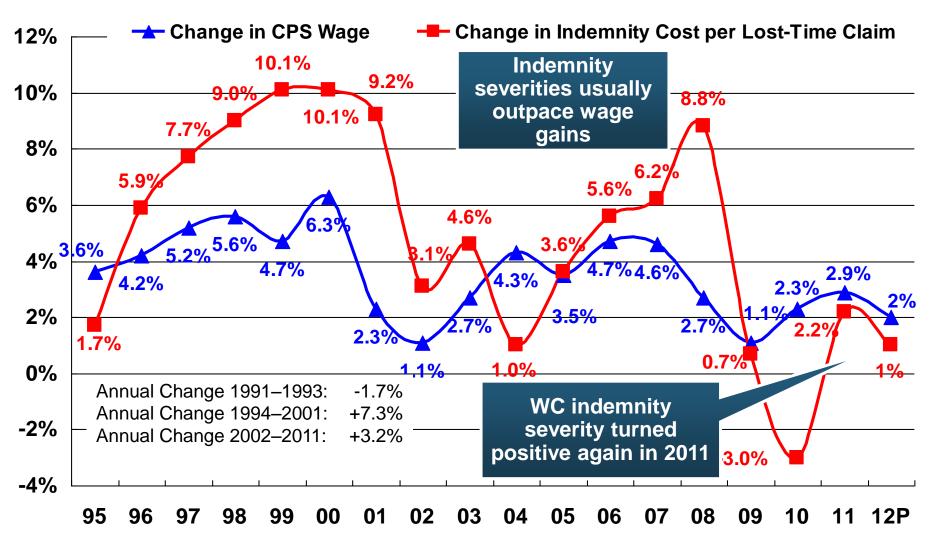
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 20112012p

Accident Year

^{*}Adjustments primarily due to significant audit activity.
2012p: Preliminary based on data valued as of 12/31/2012
1991–2011: Based on data through 12/31/2011, developed to ultimate

WC Indemnity Severity vs. Wage Inflation, 711

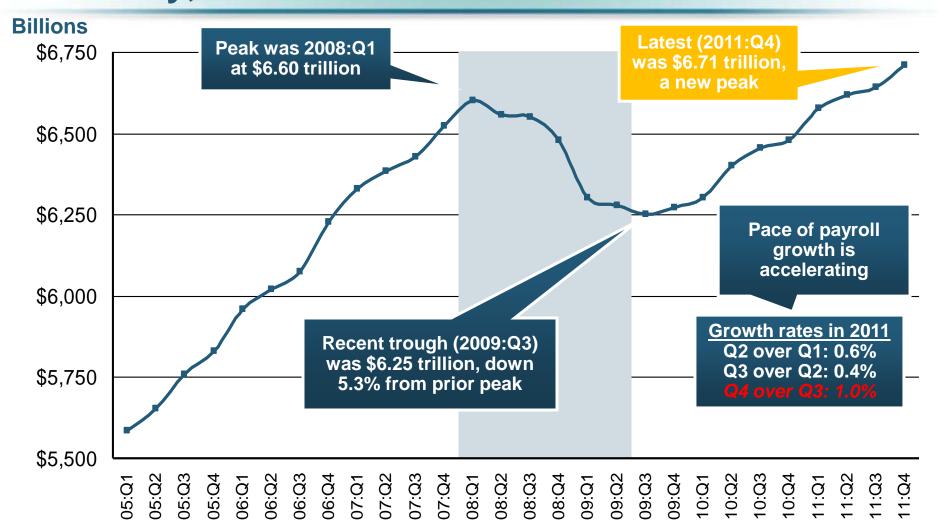




2011p: Preliminary based on data valued as of 12/31/2011; 1991-2010: Based on data through 12/31/2010, developed to ultimate. Based on the states where NCCI provides ratemaking services. Excludes the effects of deductible policies. CPS = Current Population Survey. Source: NCCI

Nonfarm Payroll (Wages and Salaries): Quarterly, 2005–2011:Q4



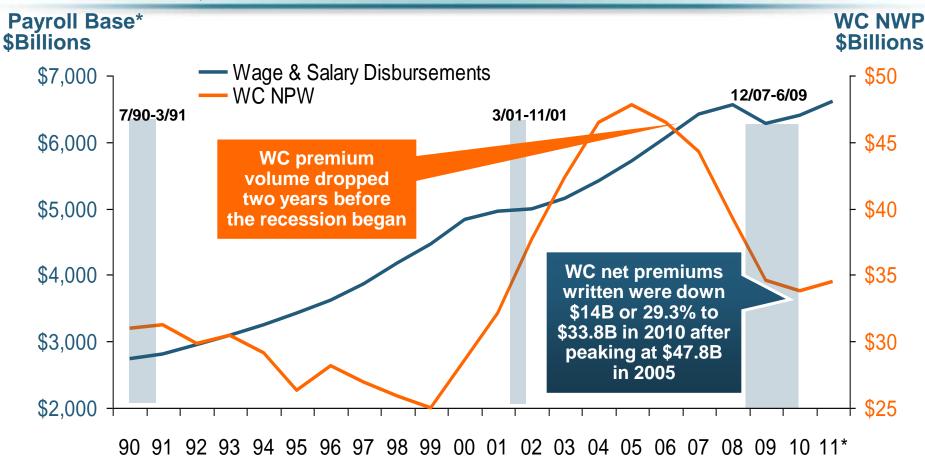


Note: Recession indicated by gray shaded column. Data are seasonally adjusted annual rates.

Sources: http://research.stlouisfed.org/fred2/series/WASCUR; National Bureau of Economic Research (recession dates); Insurance Information Institute.

Payroll vs. Workers Comp Net Written Premiums, 1990-2011





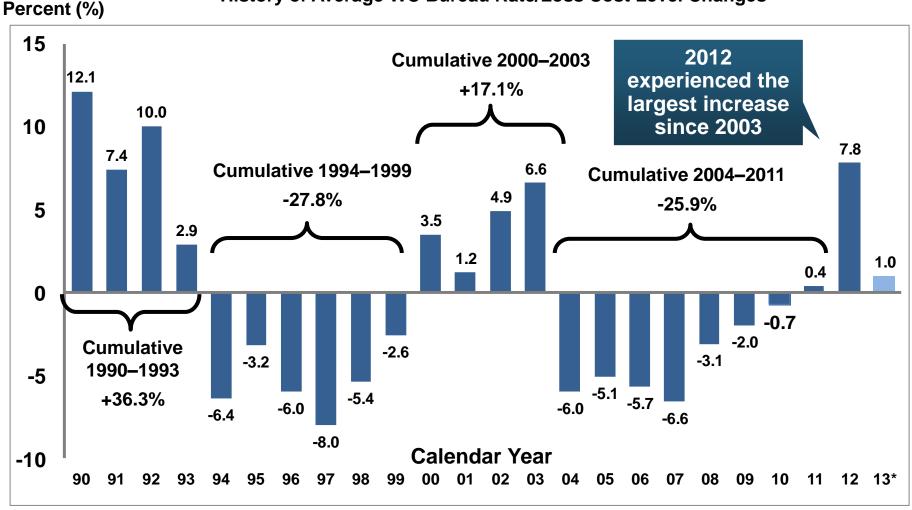
Resumption of payroll growth and rate increases suggests WC NWP will grow again in 2012

^{*}Private employment; Shaded areas indicate recessions. Payroll and WC premiums for 2011 is I.I.I. estimate Sources: NBER (recessions); Federal Reserve Bank of St. Louis at http://research.stlouisfed.org/fred2/series/WASCUR; NCCI; I.I.I.

Average Approved Bureau Rates/Loss Costs







^{*}States approved through 4/15/123

Note: Countrywide approved changes in advisory rates, loss costs and assigned risk rates as filed by applicable rating organization. Source: NCCI.

Impact of Discounting on Workers Compensation Premium



NCCI States—Private Carriers

-25

Percent 10 ■ Rate/Loss Cost Departure Schedule Rating Dividends 2.1 5 0.7 0 -5 -4.0 -2.2 -7.1 _{-7.4} -7.1 -7.4 -8.3 -10 -8.5 -10.5 -15 -14.3 -14.6 -17.7 -20 -19.2

1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 p

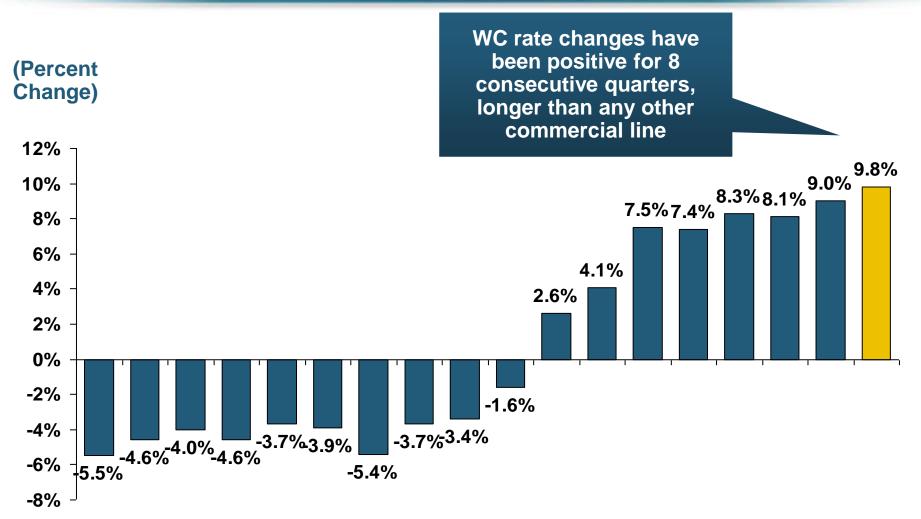
Policy Year

Dividend ratios are based on calendar year statistics NCCI benchmark level does not include an underwriting contingency provision Based on data through 12/31/2011 for the states where NCCI provides ratemaking services Source: NCCI.

-22.6 -23.2

Workers Comp Rate Changes, 2008:Q4 – 2013:Q1





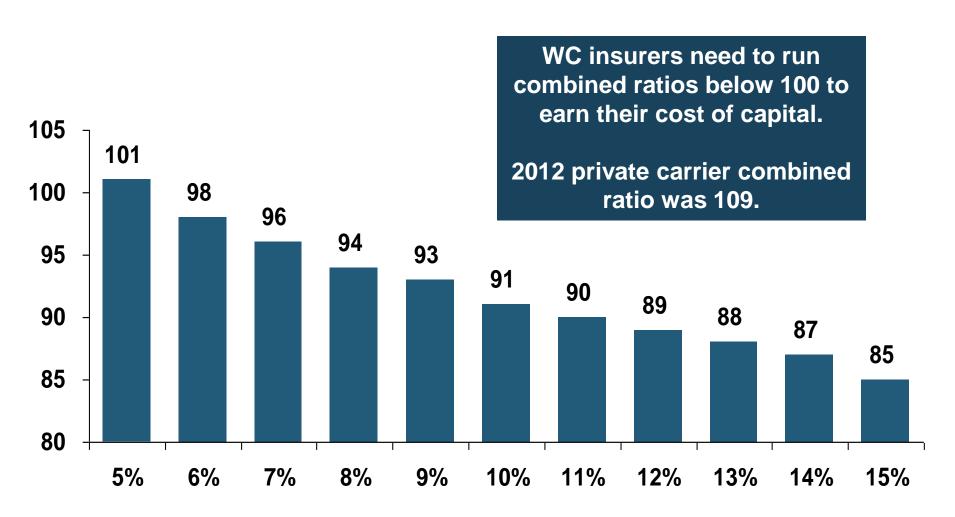
08:Q409:Q109:Q209:Q309:Q410:Q110:Q210:Q310:Q411:Q111:Q211:Q311:Q412:Q112:Q212:Q312:Q413:Q1

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.

Workers Comp Combined Ratio to Achieve Selected Cost of Capital in 2012



Private Carriers



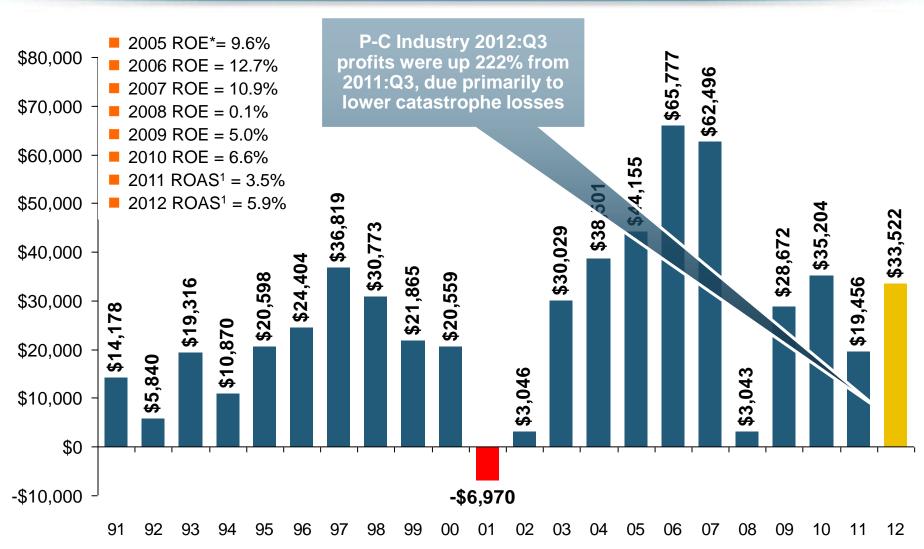


P/C Insurance Industry Financial Overview

Profit Recovery in 2012 After High CAT Losses; Ultimate Impact of Sandy Still Unclear

P/C Net Income After Taxes 1991–2012 (\$ Millions)



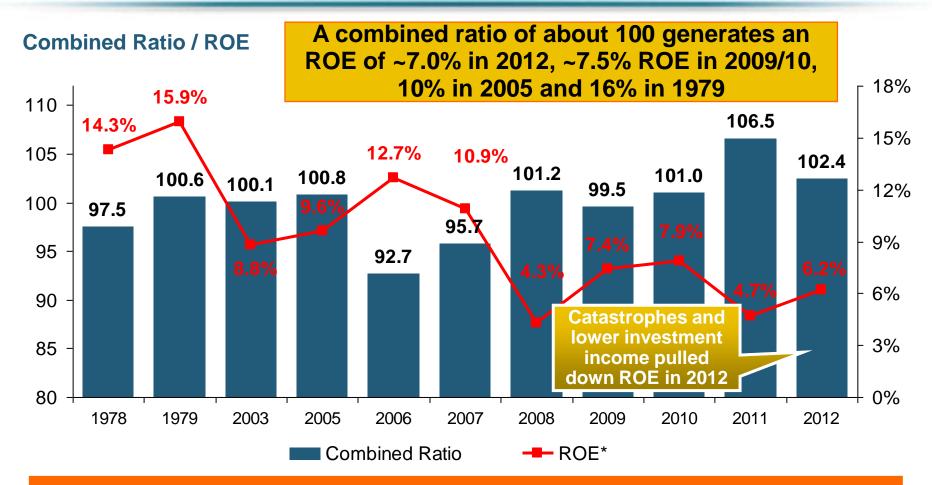


^{*} ROE figures are GAAP; ¹Return on avg. surplus. Excluding Mortgage & Financial Guaranty insurers yields a 6.2% ROAS in 2012, 4.7% ROAS for 2011, 7.6% for 2010 and 7.4% for 2009.

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

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



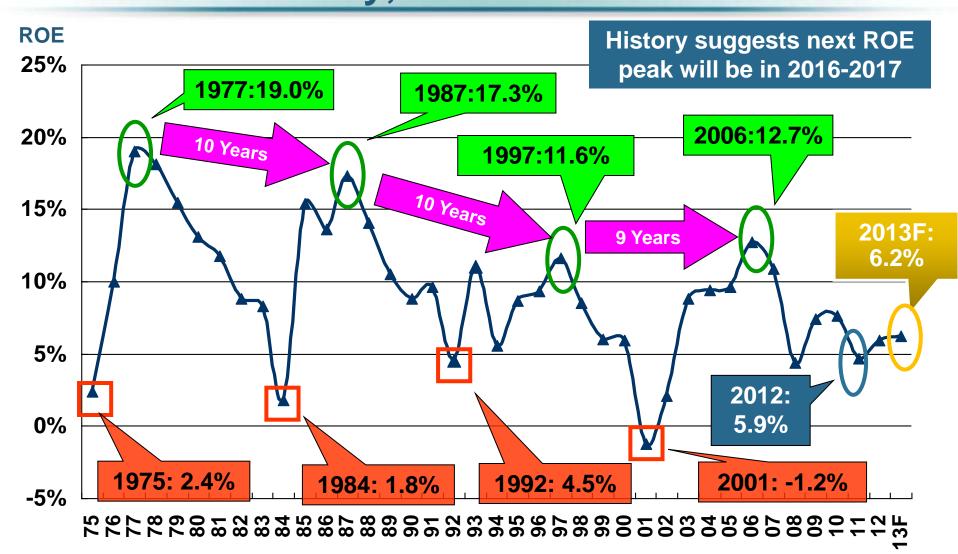


Combined Ratios Must Be Lower in Today's Depressed Investment Environment to Generate Risk Appropriate ROEs

^{* 2008 -2012} figures are return on average surplus and exclude mortgage and financial guaranty insurers. 2012 combined ratio including M&FG insurers is 103.2, 2011 combined ratio including M&FG insurers is 108.1, ROAS = 3.5%. Source: Insurance Information Institute from A.M. Best and ISO data.

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

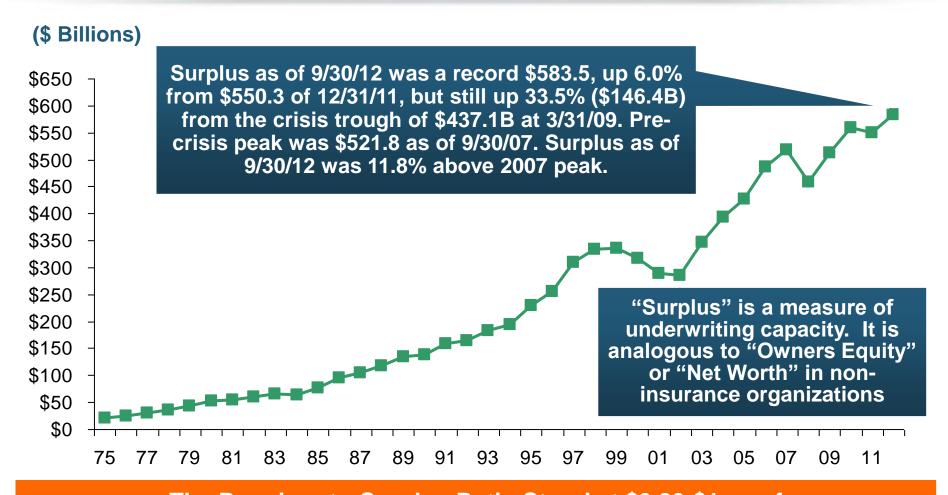




*Profitability = P/C insurer ROEs. 2011 figure is an estimate based on ROAS data. Note: Data for 2008-2013 exclude mortgage and financial guaranty insurers. 2012:Q3 ROAS = 6.2% including M&FG. Source: Insurance Information Institute; NAIC, ISO, A.M. Best.

US Policyholder Surplus: 1975–2012*





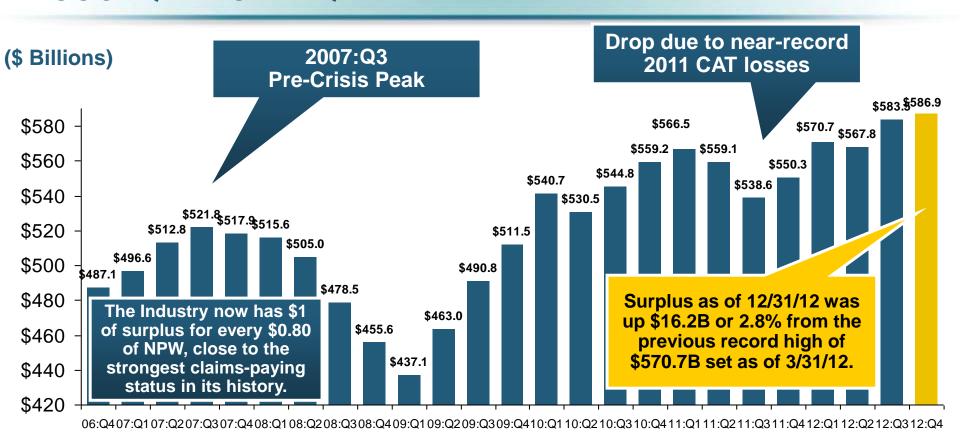
The Premium-to-Surplus Ratio Stood at \$0.80:\$1 as of 9/30/12, A Near Record Low (at Least in Recent History)*

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

^{*} As of 9/30/12.

Policyholder Surplus, 2006:Q4–2012:Q4





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

The P/C Insurance Industry Both Entered and Emerged from the 2012 Hurricane Season Very Strong Financially.

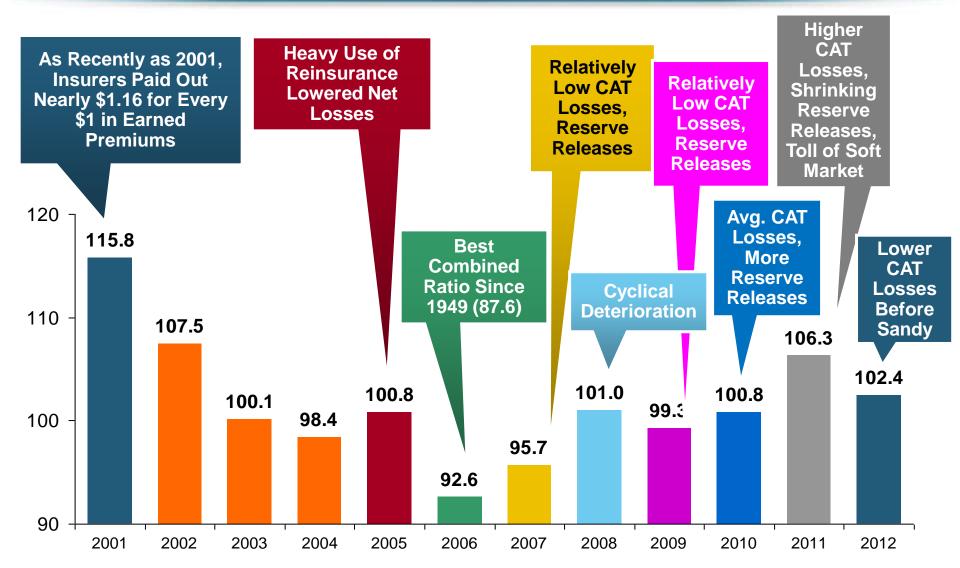


UNDERWRITING

Underwriting Losses in 2011 and 2012 Were Impacted by High Catastrophe Losses

P/C Insurance Industry Combined Ratio, 2001–2012*

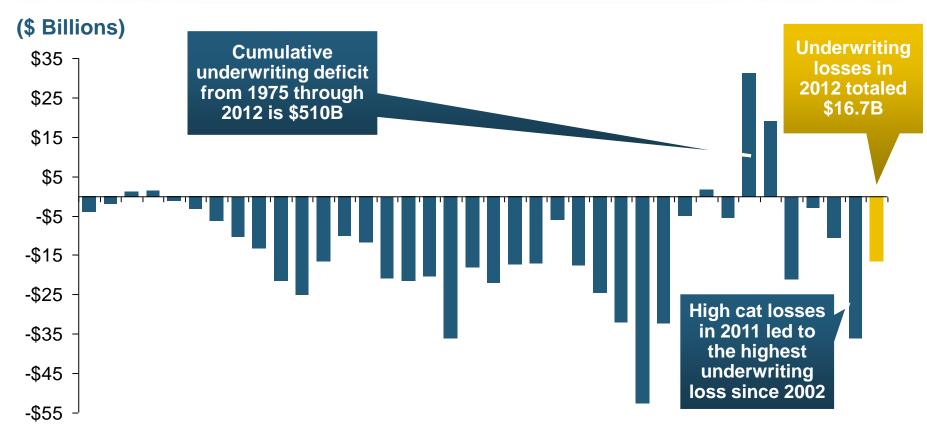




^{*} Excludes Mortgage & Financial Guaranty insurers 2008--2012. Including M&FG, 2008=105.1, 2009=100.7, 2010=102.4, 2011=108.1; 2012:=103.2. Sources: A.M. Best, ISO.

Underwriting Gain (Loss) 1975–2012*





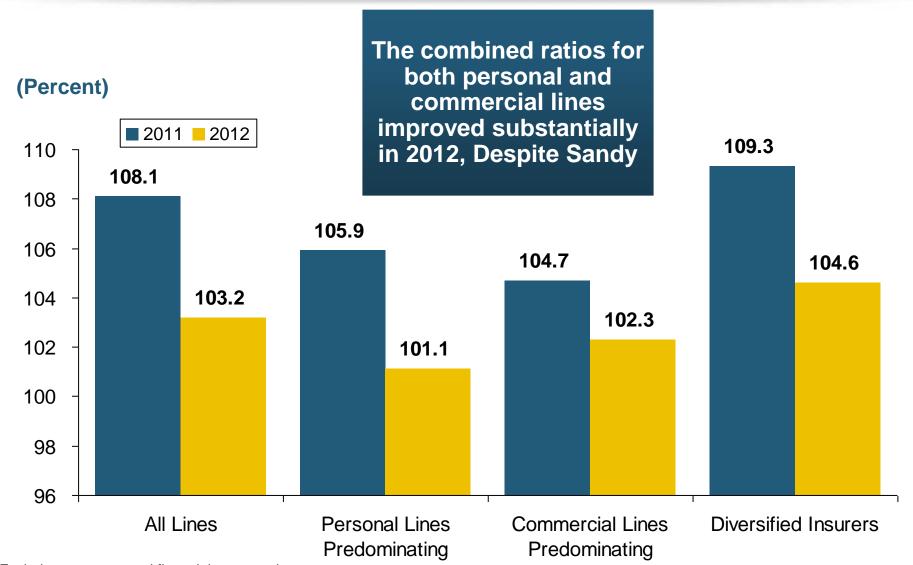
75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12

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.

Combined Ratios by Predominant Business Segment, 2012 vs. 2011*

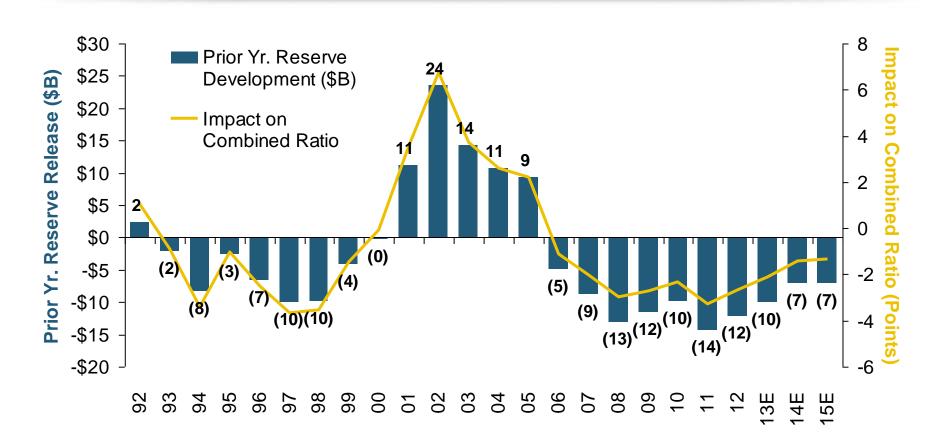




^{*}Excludes mortgage and financial guaranty insurers. Source: ISO/PCI; Insurance Information Institute

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.

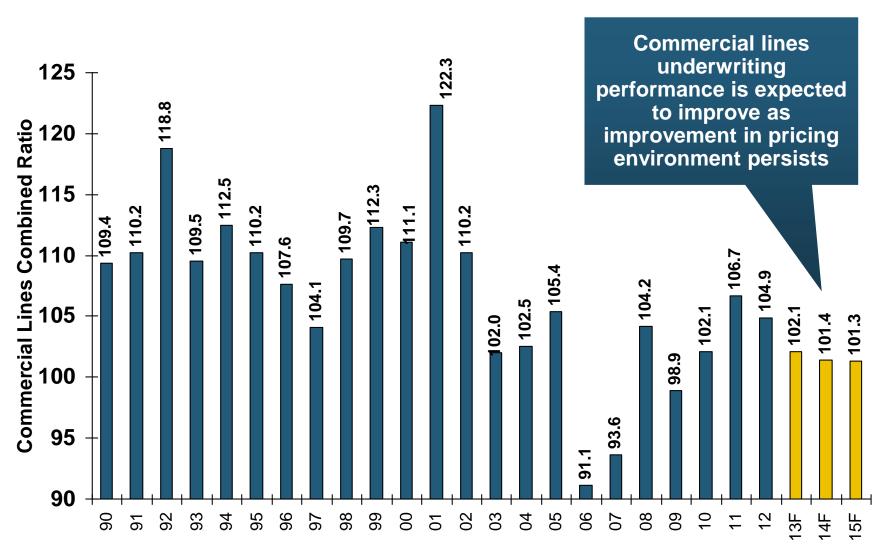
Sources: A.M. Best, ISO, Barclays Research (estimates).



Performance by Segment

Commercial Lines Combined Ratio, 1990-2015F*



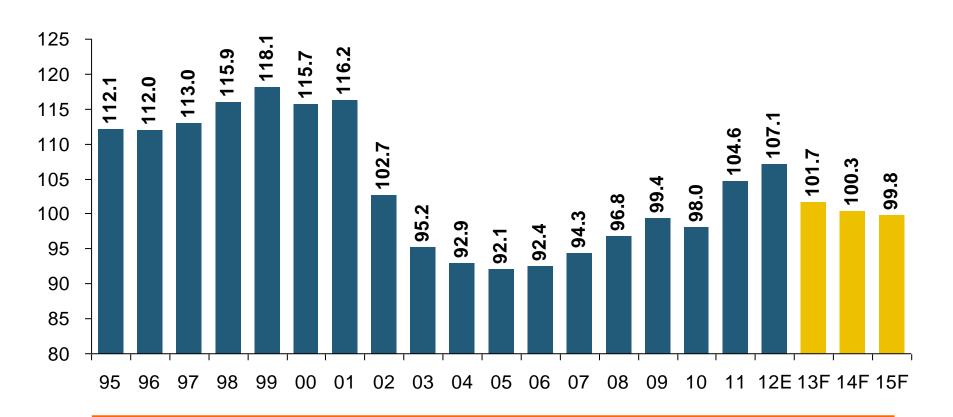


*2007-2012 figures exclude mortgage and financial guaranty segments.

Source: A.M. Best (1990-2011); Conning (2012-2015F) Insurance Information Institute

Commercial Auto Combined Ratio: 1993–2015F

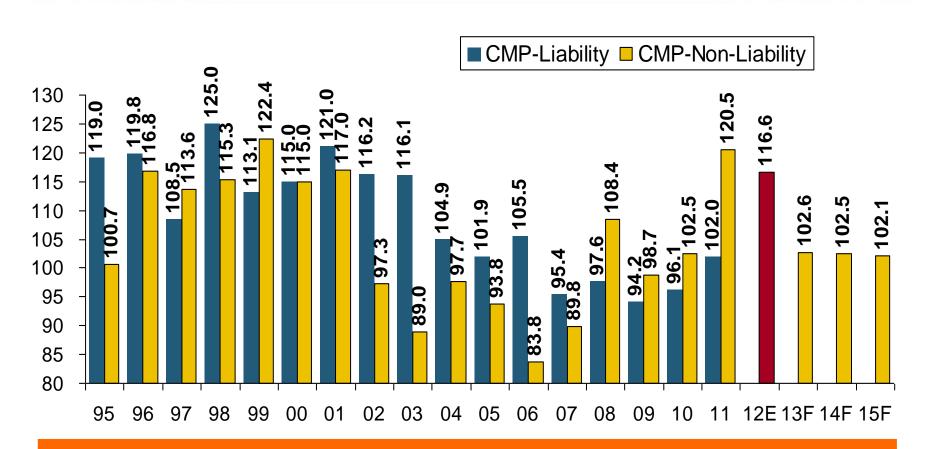




Commercial Auto is Expected to Improve as Rate Gains
Outpace Any Adverse Frequency and Severity Trends

Commercial Multi-Peril Combined Ratio: 1995–2015F





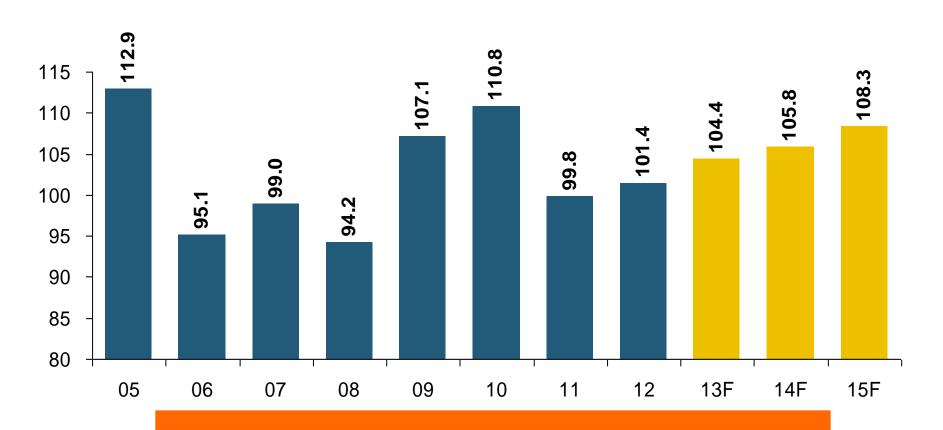
Commercial Multi-Peril Underwriting Performance is Expected to Improve in 2013 Assuming Normal Catastrophe Loss Activity

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

^{*2012-2013} figures are A.M. Best estimate/forecast for the combined liability and non-liability components. Same for Conning 2014-2015F figures.

General Liability Combined Ratio: 2005–2015F

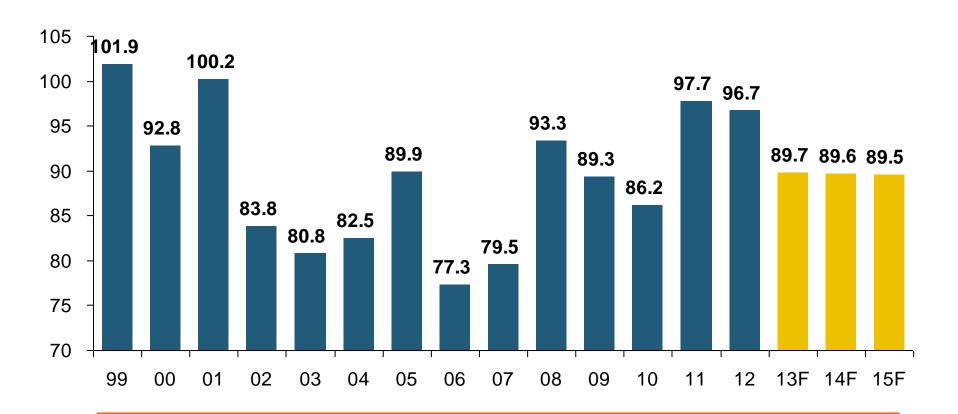




Commercial General Liability Underwriting Performance Has Been Volatile in Recent Years

Inland Marine Combined Ratio: 1999–2015F

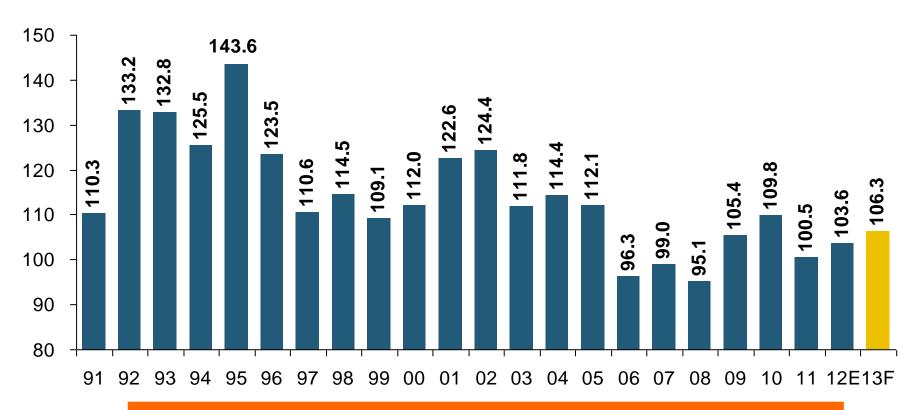




Inland Marine is Expected to Remain Among the Most Profitable of All Lines

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

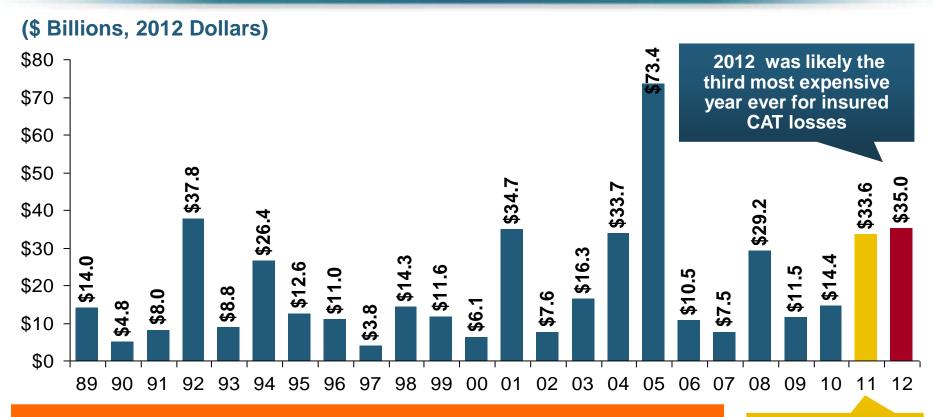


Insured Catastrophe Loss Update

2012 Catastrophe Losses Were Close to "Average" Until Sandy Hit 2011 Was the 5th Most Expensive Year on Record

US Insured Catastrophe Losses





2012 Was the 3rd Highest Year on Record for Insured Losses in US History on An Inflation-Adjusted Basis. 2011 Losses Were the 6th Highest.

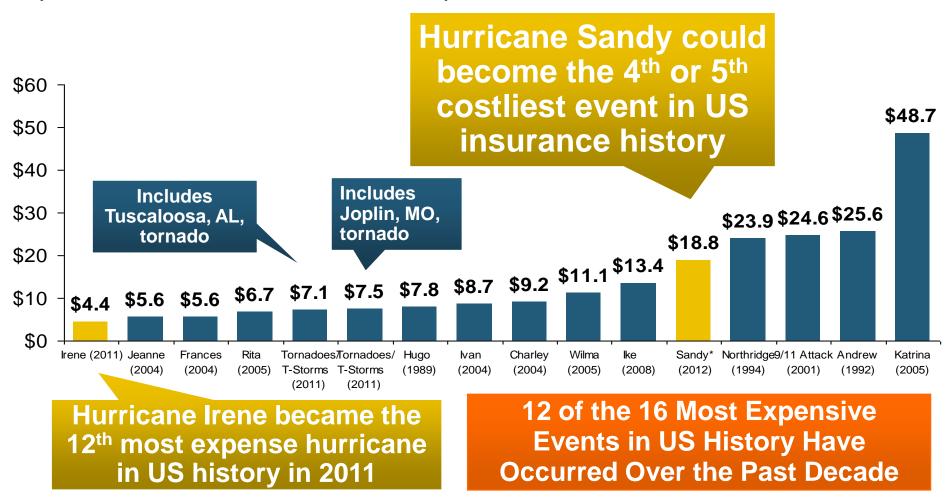
Record Tornado Losses Caused 2011 CAT Losses to Surge

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.

Top 16 Most Costly Disasters in U.S. History



(Insured Losses, 2012 Dollars, \$ Billions)



^{*}PCS estimate as of 4/12/13.

Scenes from My Visit to Moore, Oklahoma, Tornado: High Claim Severity



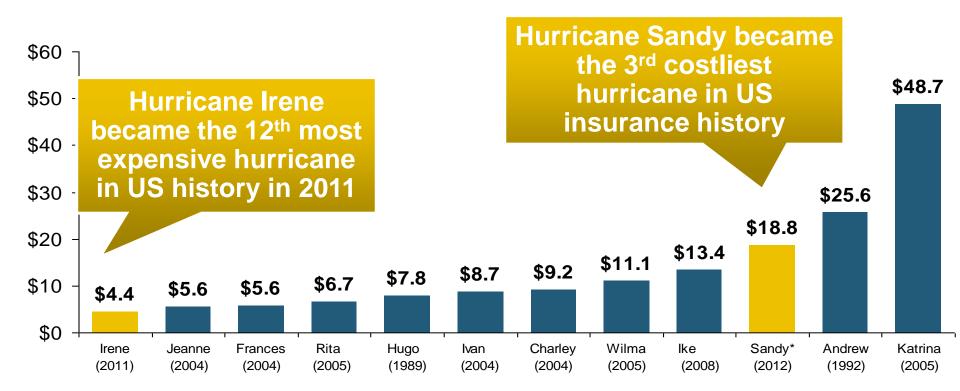


Top 12 Most Costly Hurricanes in U.S. History



(Insured Losses, 2012 Dollars, \$ Billions)

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

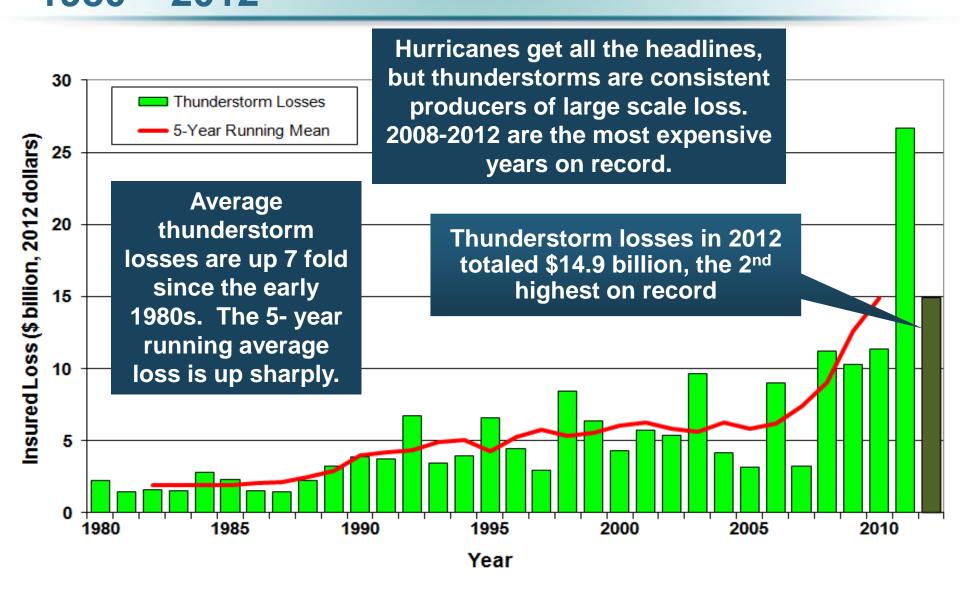


^{*}PCS estimate as of 4/12/13.

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

U.S. Thunderstorm Loss Trends, 1980 – 2012





Outlook for 2013 Hurricane Season: 75% Worse Than Average



Forecast Parameter	Median (1981-2010)	2013F
Named Storms	12.0	18
Named Storm Days	60.1	95
Hurricanes	6.5	9
Hurricane Days	21.3	40
Major Hurricanes	2.0	4
Major Hurricane Days	3.9	9
Accumulated Cyclone Energy	92.0	165
Net Tropical Cyclone Activity	103%	175%

Source: Philip Klotzbach and Dr. William Gray, Colorado State University, April 10, 2013, accessed at http://tropical.atmos.colostate.edu/forecasts/2013/apr2013/apr2013.pdf; Insurance Information Institute..

Landfall Probabilities for 2013 Hurricane Season: Above Average



	Average*	2013F
Entire US East & Gulf Coasts	52%	72%
US East Coast Including Florida Peninsula	31%	48%
Gulf Coast from Florida Panhandle to Brownsville	30%	47%
Caribbean	42%	61%

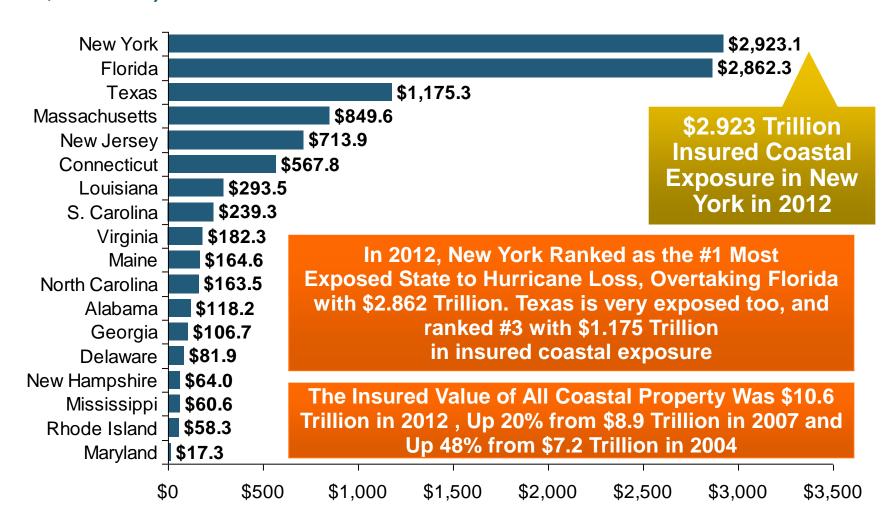
Source: Philip Klotzbach and Dr. William Gray, Colorado State University, April 10, 2013.

^{*}Average over the past century.

Total Value of Insured Coastal Exposure in 2012



(2012, \$ Billions)

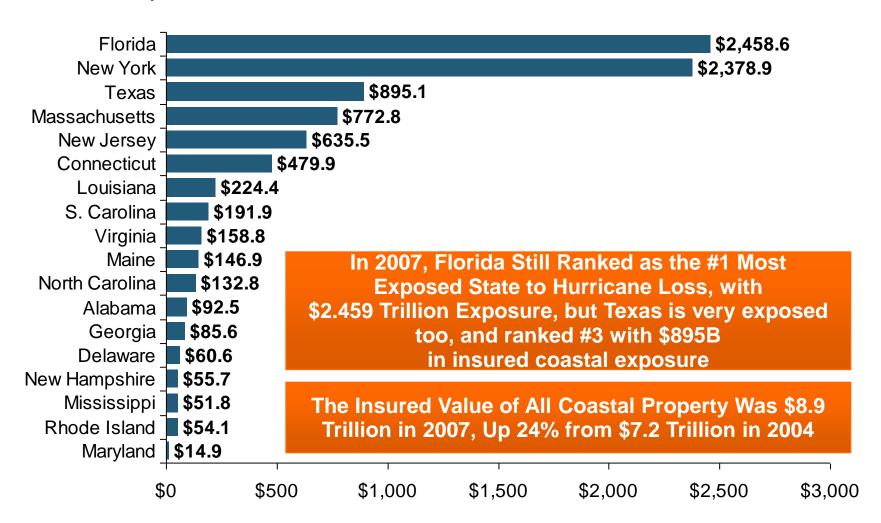


Source: AIR Worldwide

Total Value of Insured Coastal Exposure in 2007



(2007, \$ Billions)

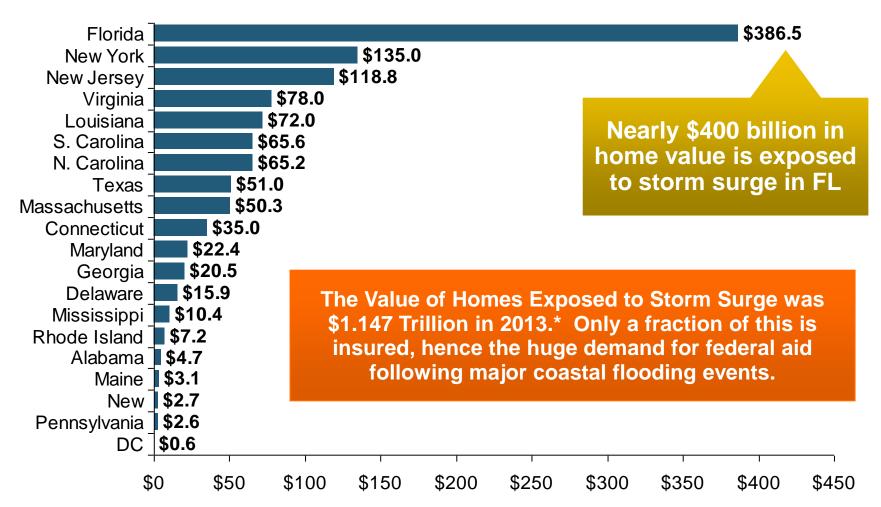


Source: AIR Worldwide

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



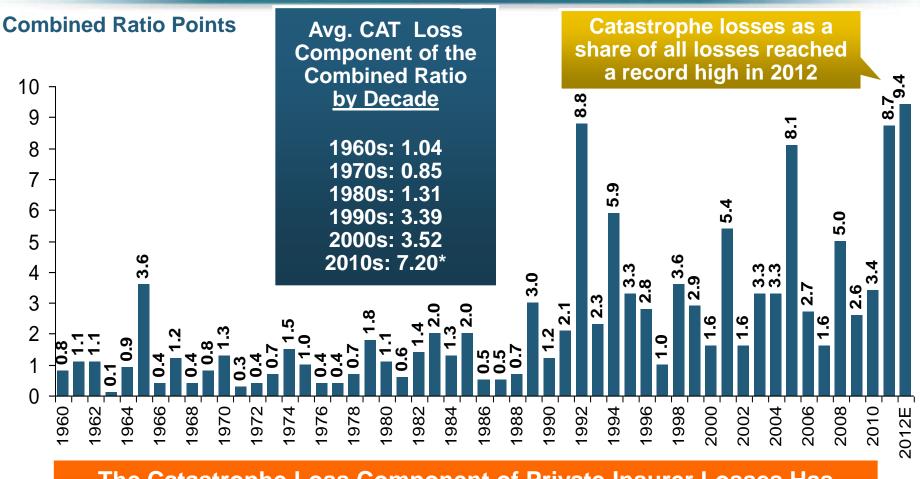
(\$ Billions)



^{*}Insured and uninsured property. Based on estimated property values as of April 2013. Source: *Storm Surge Report 2013*, CoreLogic.

Combined Ratio Points Associated with Catastrophe Losses: 1960 – 2012*





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

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.

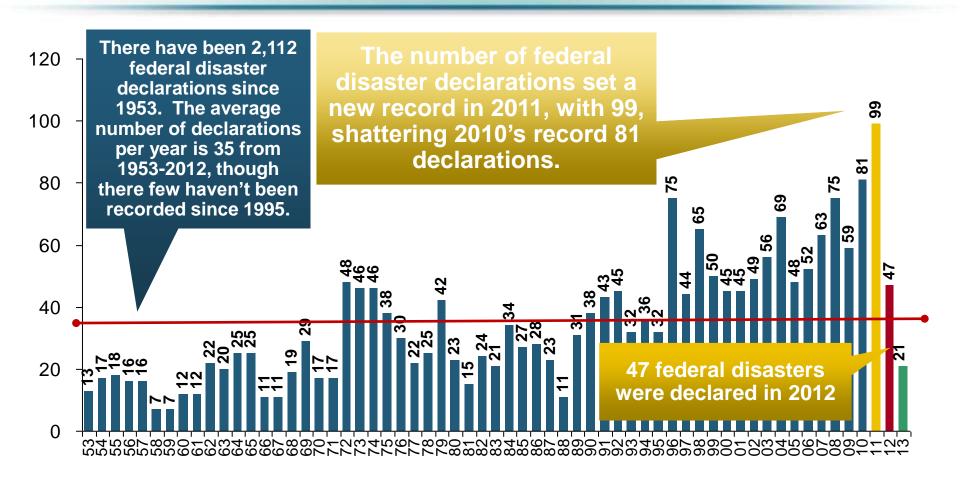


Federal Disaster Declarations Patterns: 1953-2013

Despite 13 Sandy Declarations, Fewer Disasters Were Declared in 2012 than the Record Number of Declarations in 2010 and 2011

Number of Federal Disaster Declarations, 1953-2013*



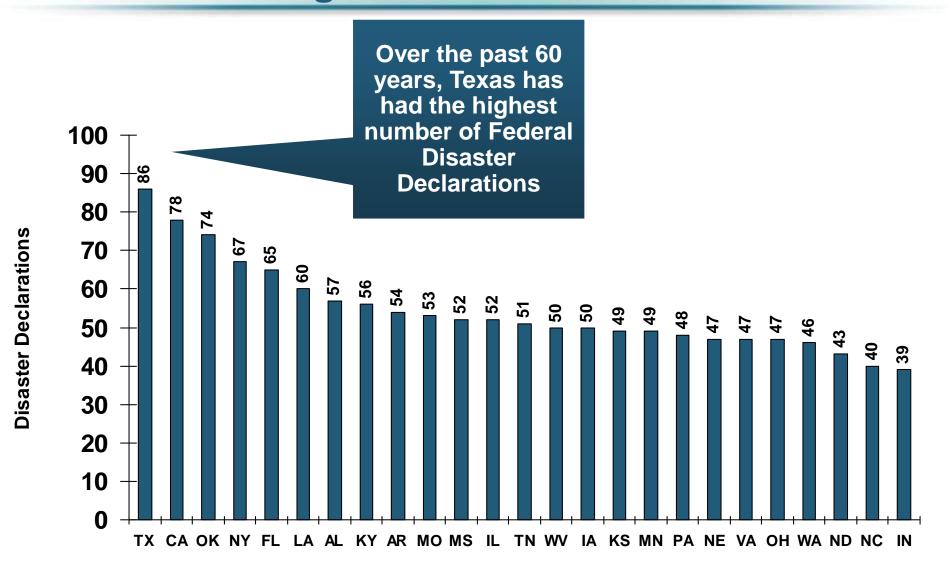


The Number of Federal Disaster Declarations Is Rising and Set New Records in 2010 *and* 2011. Hurricane Sandy Produced 13 Declarations in 2012/13.

^{*}Through June 4, 2013.

Federal Disasters Declarations by State, 1953 – 2013: Highest 25 States*



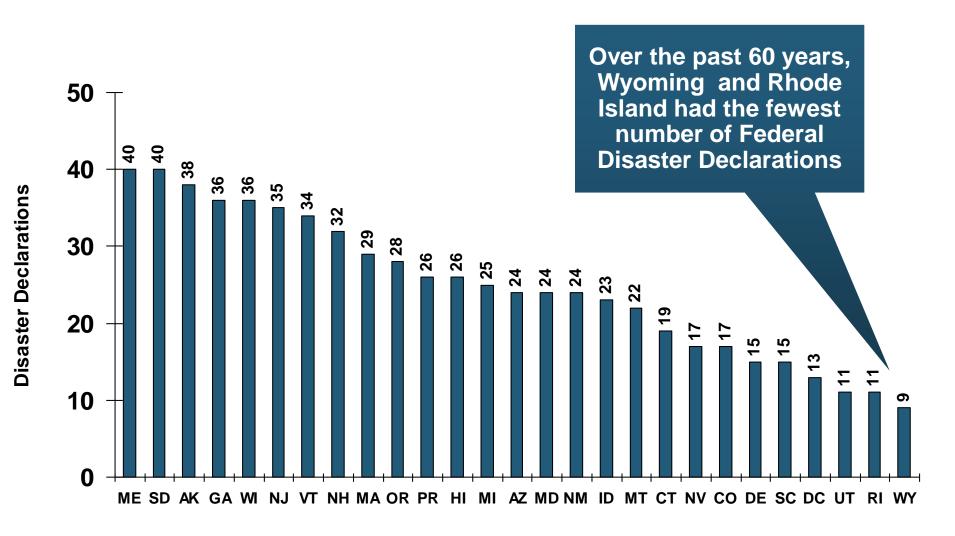


^{*}Through June 4, 2013. Includes Puerto Rico and the District of Columbia.

Source: FEMA: http://www.fema.gov/news/disaster totals annual.fema; Insurance Information Institute.

Federal Disasters Declarations by State, 1953 – 2013: Lowest 25 States*





^{*}Through June 4, 2013. Includes Puerto Rico and the District of Columbia.

Source: FEMA: http://www.fema.gov/news/disaster totals annual.fema; Insurance Information Institute.



RENEWED PRICING DISCIPLINE

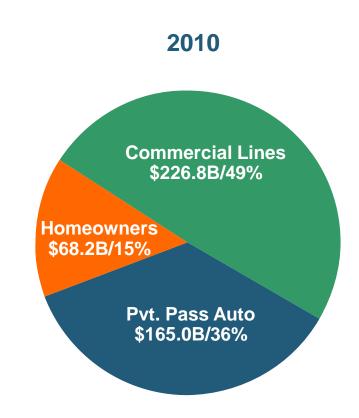
Evidence of a Broad and Sustained Shift in Pricing

Distribution of Direct Premiums Written by Segment/Line, 2010



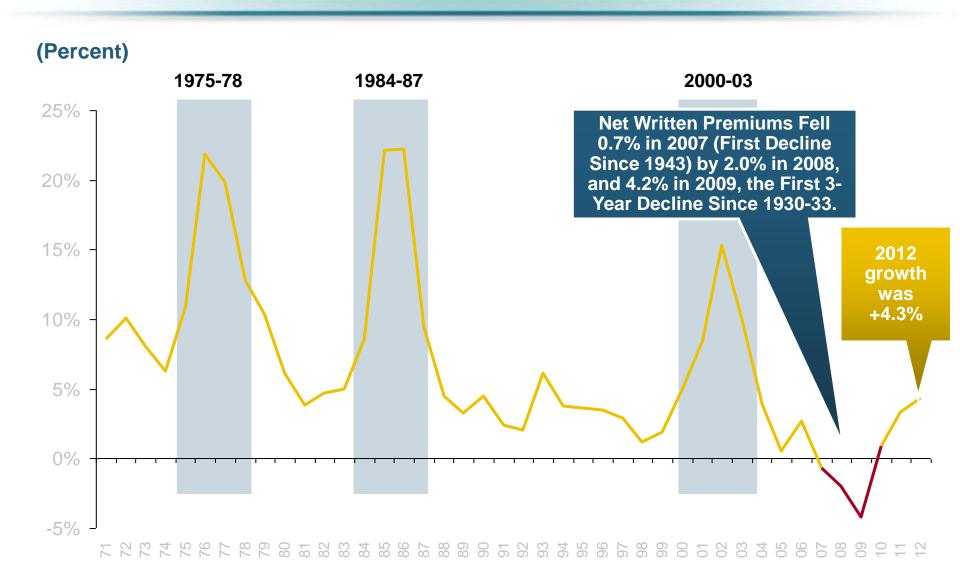
Distribution Facts

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



Net Premium Growth: Annual Change, 1971—2012

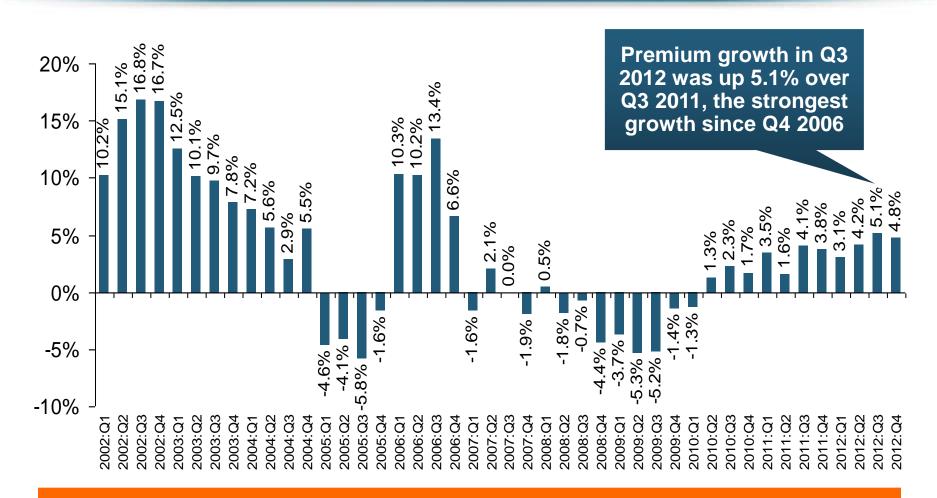




Shaded areas denote "hard market" periods Sources: A.M. Best (historical and forecast), ISO, Insurance Information Institute.

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



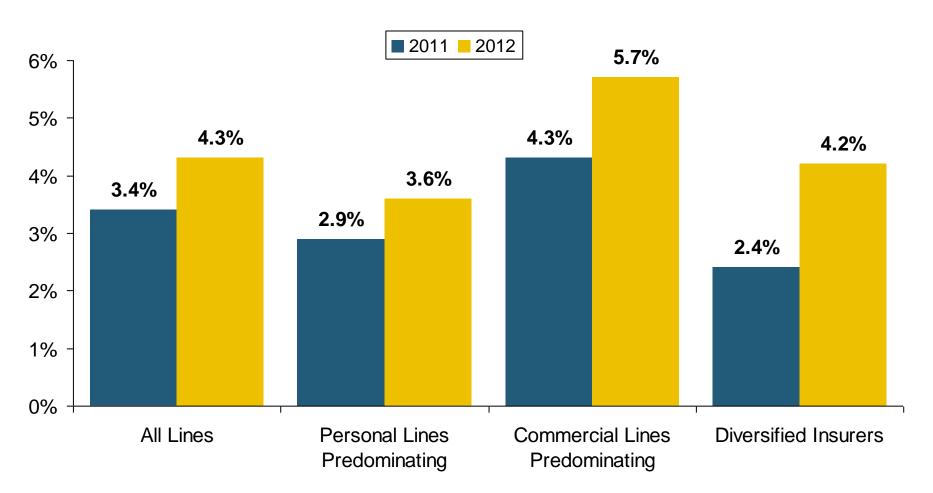


Sustained Growth in Written Premiums (vs. the same quarter, prior year) Will Continue through 2013

Growth in Net Written Premium by Segment, 2012 vs. 2011*



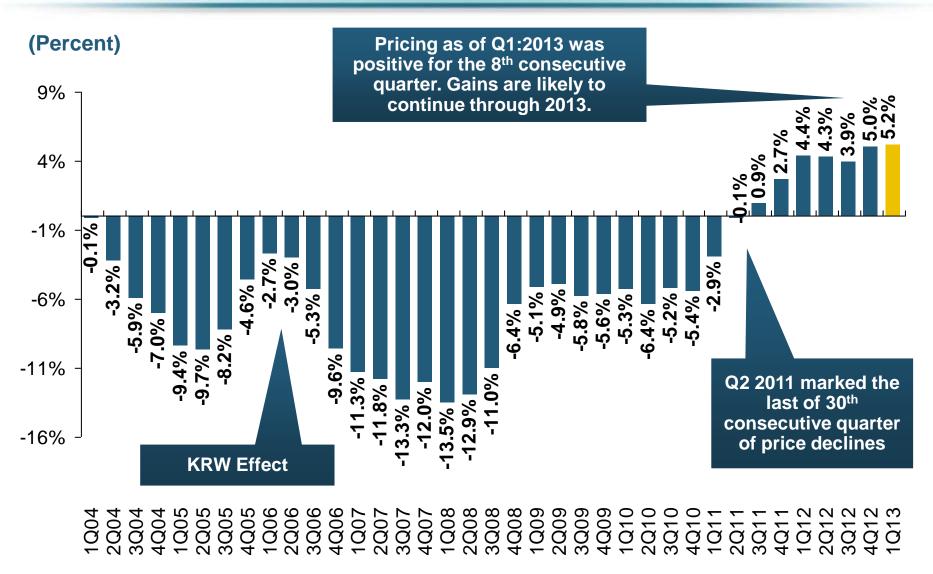
(Percent)



^{*}Excludes mortgage and financial guaranty insurers. Source: ISO/PCI; Insurance Information Institute

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



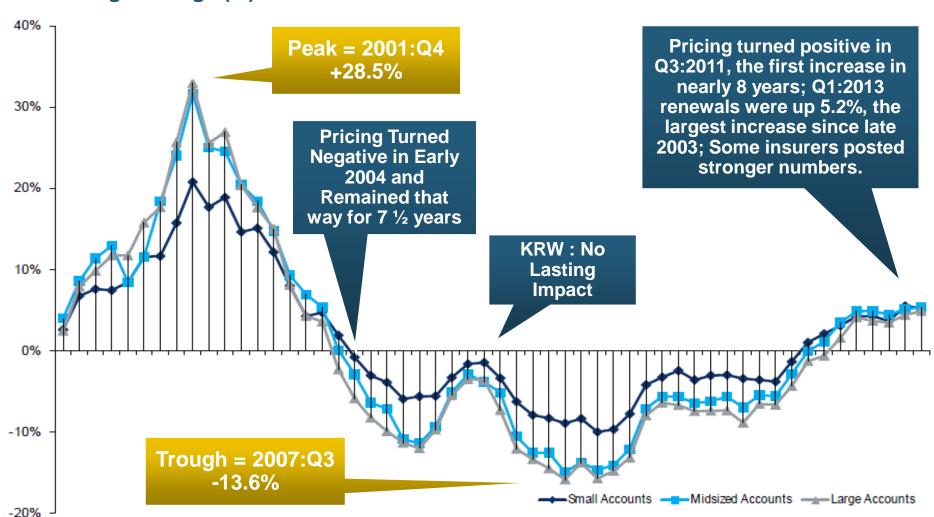


Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially. Source: Council of Insurance Agents & Brokers; Insurance Information Institute

Change in Commercial Rate Renewals, by Account Size: 1999:Q4 to 2013:Q1





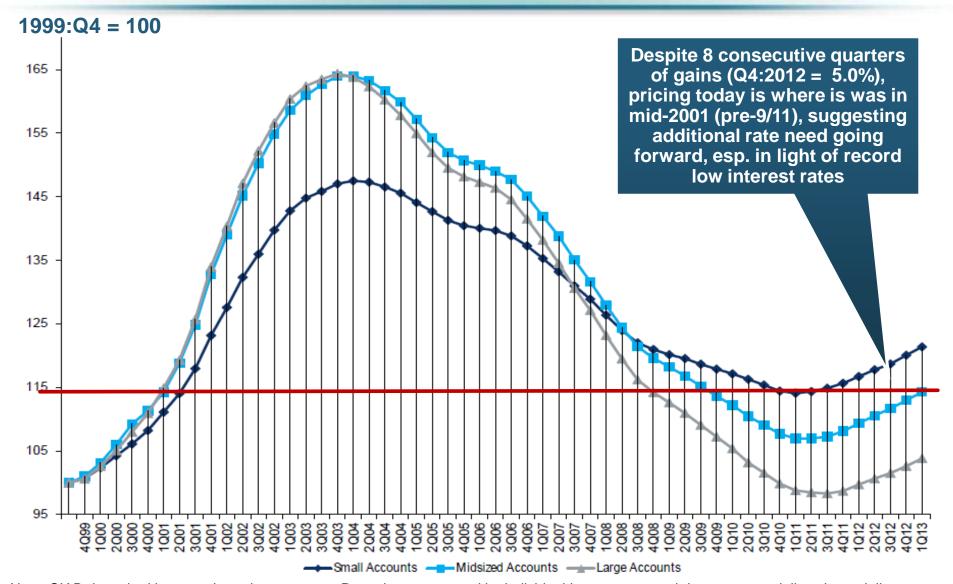


Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.

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:Q1



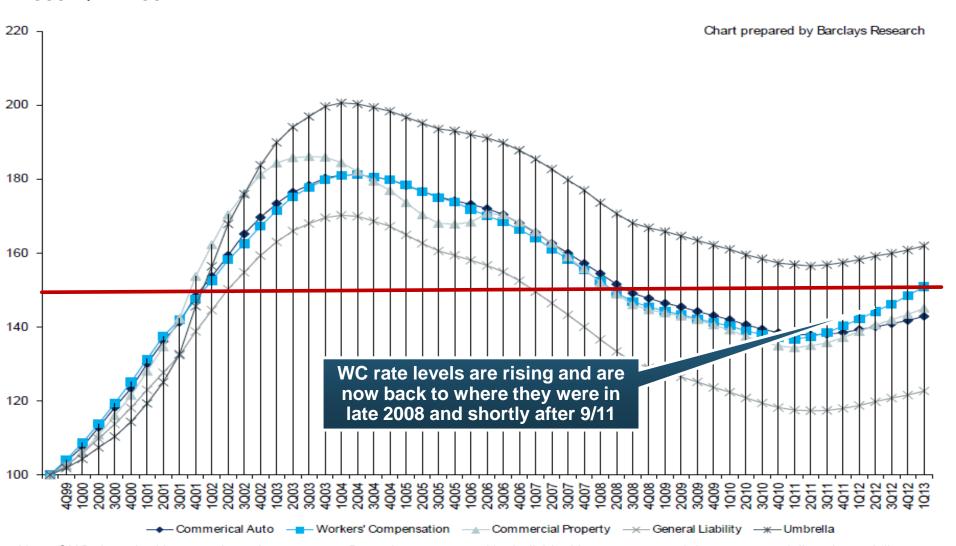


Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially. Source: Council of Insurance Agents and Brokers; Barclay's Capital; Insurance Information Institute.

Cumulative Qtrly. Commercial Rate Changes, to Line: 1999:Q4 to 2013:Q1



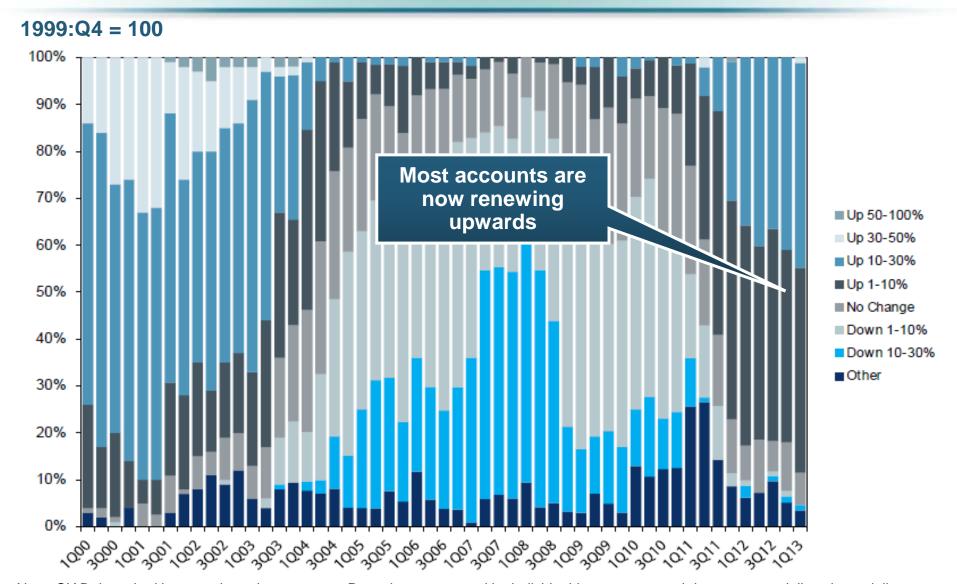




Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially. Source: Council of Insurance Agents and Brokers; Barclay's Capital; Insurance Information Institute.

Workers Comp. Quarterly Rate Changes, by Line: 2000:Q1 to 2013:Q1

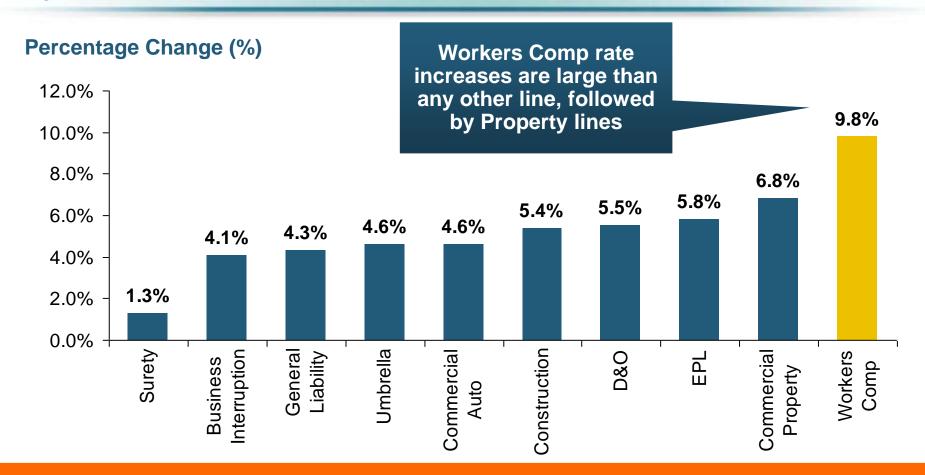




Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially. Source: Council of Insurance Agents and Brokers; Barclay's Capital; Insurance Information Institute.

Change in Commercial Rate Renewals, by Line: 2013:Q1

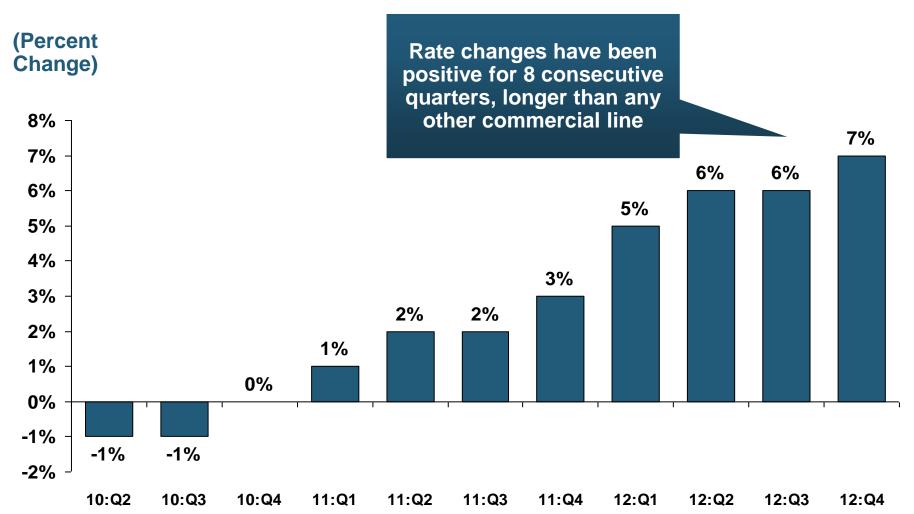




Major Commercial Lines Renewed Uniformly Upward in Q1:2013 for the 8th Consecutive Quarter; Property Lines & Workers Comp Leading the Way; Cat Losses and Low Interest Rates Provide Momentum Going Forward

CLIPS: Change in Written Price Level: All Lines, 2010:Q2 – 2012:Q4



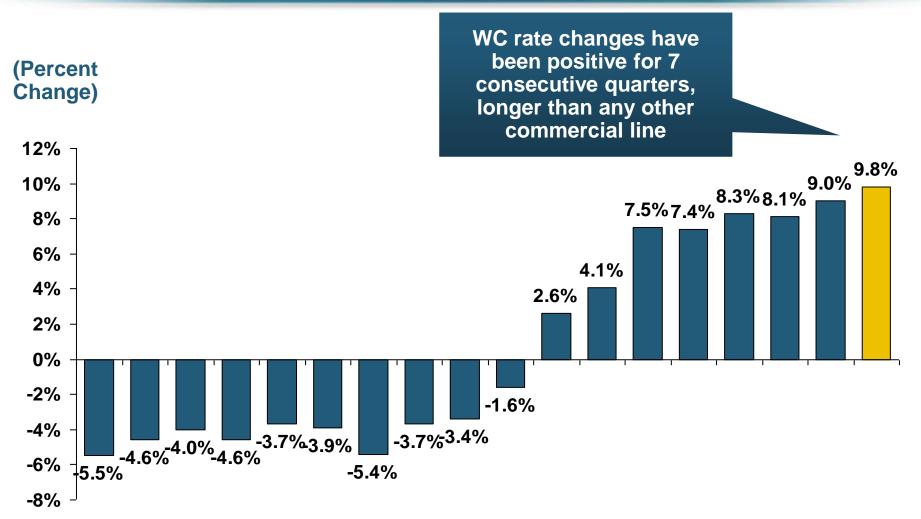


Note: Towers Watson data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.

Source: Towers Watson; Information Institute.

Workers Comp Rate Changes, 2008:Q4 – 2013:Q1





08:Q409:Q109:Q209:Q309:Q410:Q110:Q210:Q310:Q411:Q111:Q211:Q311:Q412:Q112:Q212:Q312:Q413:Q1

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.



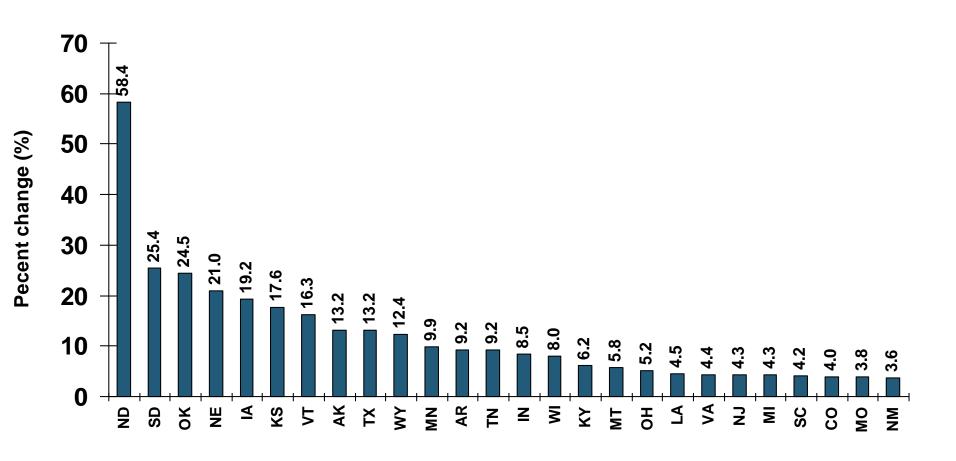
Growth Analysis by State and Business Segment

Premium Growth Rates Vary Tremendously by State

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



Top 25 States

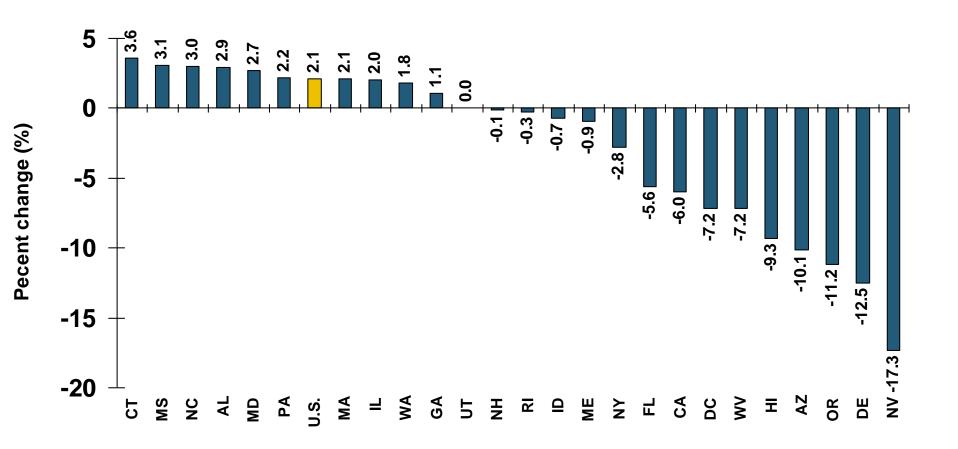


^{*}Data are preliminary as of 5/1/13 and do not yet fully reflect the impact of state-run pools and plans. Sources: SNL Financial LC.; Insurance Information Institute.

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



Bottom 25 States

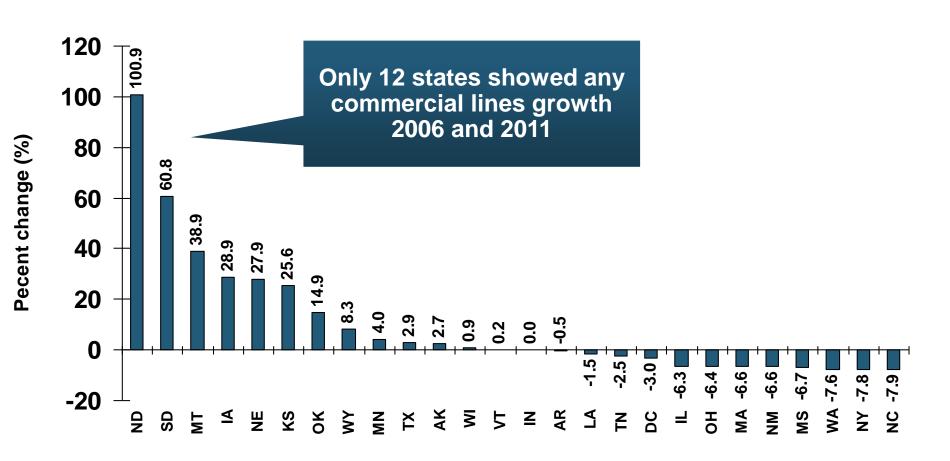


*Data are preliminary as of 5/1/13 and do not yet fully reflect the impact of state-run pools and plans. Sources: SNL Financial LC.; Insurance Information Institute.

Direct Premiums Written: Comm. Lines Percent Change by State, 2006-2011*



Top 25 States

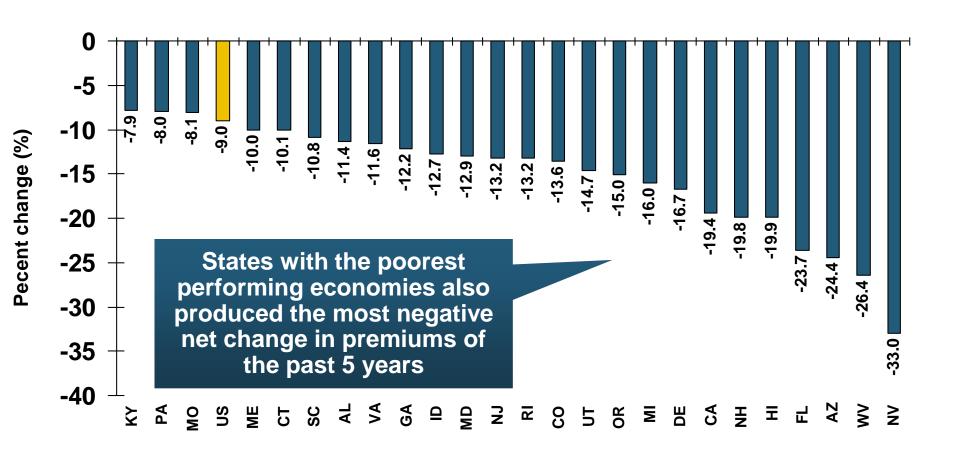


Sources: SNL Financial LC.; Insurance Information Institute.

Direct Premiums Written: Comm. Lines Percent Change by State, 2006-2011*



Bottom 25 States



Sources: SNL Financial LC.; Insurance Information Institute.

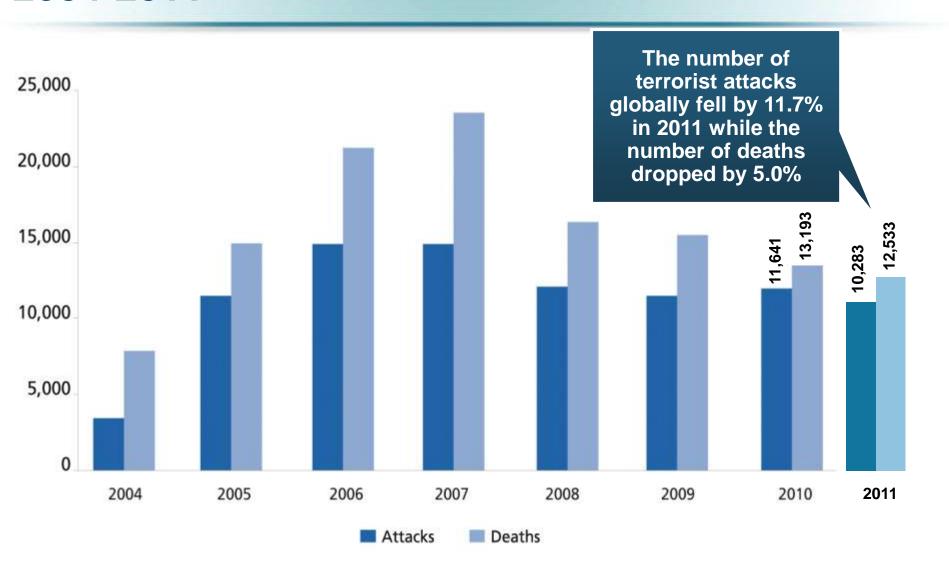


Terrorism Update

Boston Marathon Bombings Underscore the Need for Extension of the Terrorism Risk Insurance Program

Global Terrorist Attacks and Deaths, 2004-2011





Terrorism Risk Insurance Program



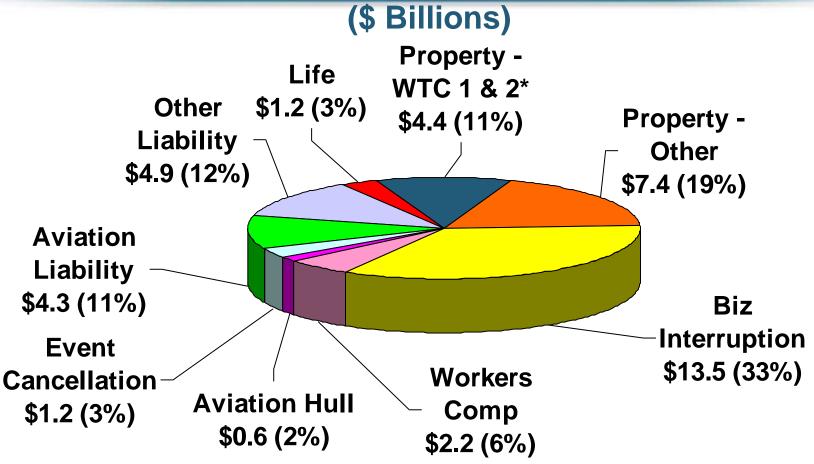
Boston Marathon Bombing Should Help Focus Attention

in Congress on TRIA

- Act expires 12/31/14
- Numerous headwinds
- Exclusionary Language Will Be Inserted for Renewals Occurring After 1/1/14
- Boston Marathon Issues
 - Property and BI losses not large but could breach \$5 mill threshold for certification under TRIPRA
 - Certification issue is generating press; No deadline to certify
 - Disincentive to certify?
 - Few of the impacted business had terror coverage
 - Longer-term: Litigation issues (e.g., race organizers)

Loss Distribution by Type of Insurance from Sept. 11 Terrorist Attack (\$ 2011)





Total Insured Losses Estimate: \$40.0B**

*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.

Source: Insurance Information Institute.

^{**\$32.5} billion in 2001 dollars.

Terrorism Violates Traditional Requirements for Insurability



Requirement	Definition	Violation
Estimable Frequency	•Insurance requires large number of observations to develop predictive ratemaking models (an actuarial concept known as credibility)	 Very few data points Terror modeling still in infancy, untested. Inconsistent assessment of threat
Estimable Severity	•Maximum possible/ probable loss must be at least estimable in order to minimize "risk of ruin" (insurer cannot run an unreasonable risk of insolvency though assumption of the risk)	 Potential loss is virtually unbounded. Losses can easily exceed insurer capital resources for paying claims. Extreme risk in workers compensation and statute forbids exclusions.

Source: Insurance Information Institute

Terrorism Violates Traditional Requirements for Insurability (cont'd)



Requirement	Definition	Violation
Diversifiable Risk	 •Must be able to spread/distribute risk across large number of risks •"Law of Large Numbers" helps makes losses manageable and less volatile 	concentrated geographically or
Random Loss Distribution/ Fortuity Source: Insurance Information Institute	 Probability of loss occurring must be purely random and fortuitous Events are individually unpredictable in terms of time, location and magnitude 	



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: 2000–2012¹





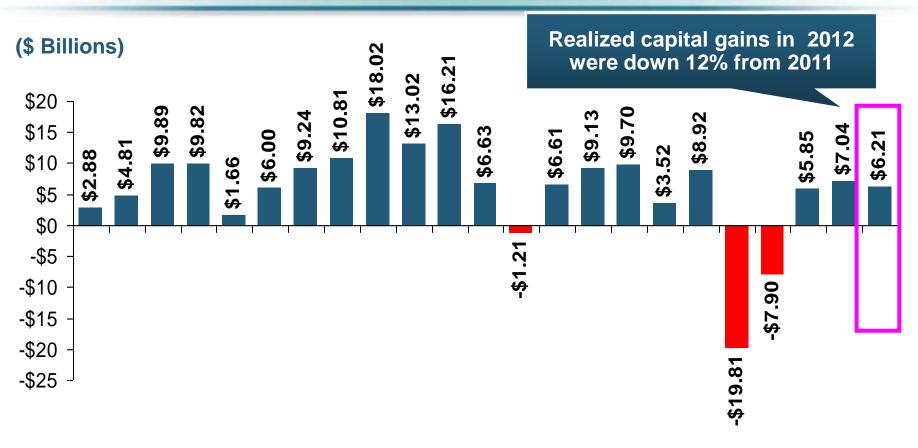


Investment Income Fell in 2012 Due to Persistently Low Interest Rates, Putting Additional Pressure on (Re) Insurance Pricing

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

P/C Insurer Net Realized Capital Gains/Losses, 1990-2012





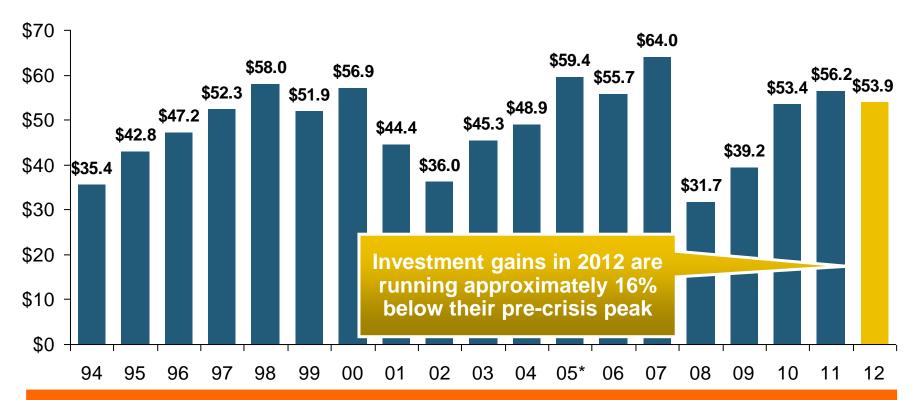
90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12

Insurers Posted Net Realized Capital Gains in 2010, 2011 and 2012 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: 1994–2012¹



(\$ Billions)



Investment Gains Are Slipping in 2012 as Low Interest Rates Reduce Investment Income and Lower Realized Investment Gains; The Financial Crisis Caused Investment Gains to Fall by 50% in 2008

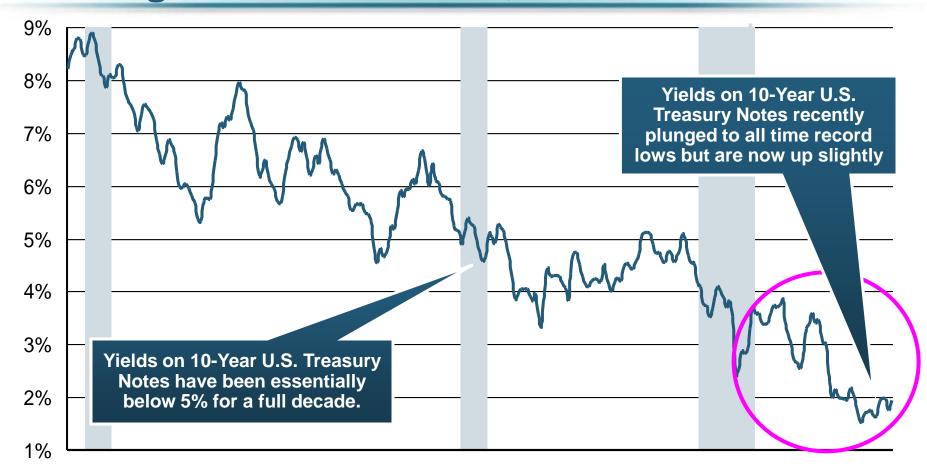
Sources: ISO: Insurance Information Institute.

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;

U.S. 10-Year Treasury Note Yields: A Long Downward Trend, 1990–2013*





'90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13

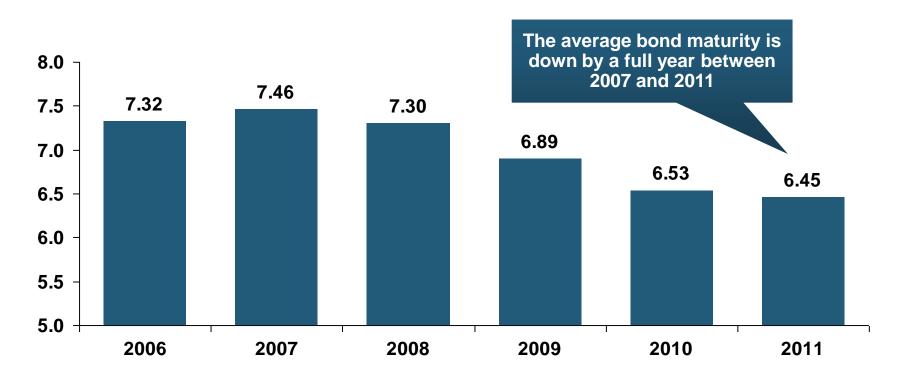
Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, most P/C insurer portfolios will have low-yielding bonds for years to come.

^{*}Monthly, through May 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.

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



Average Maturity (Years)

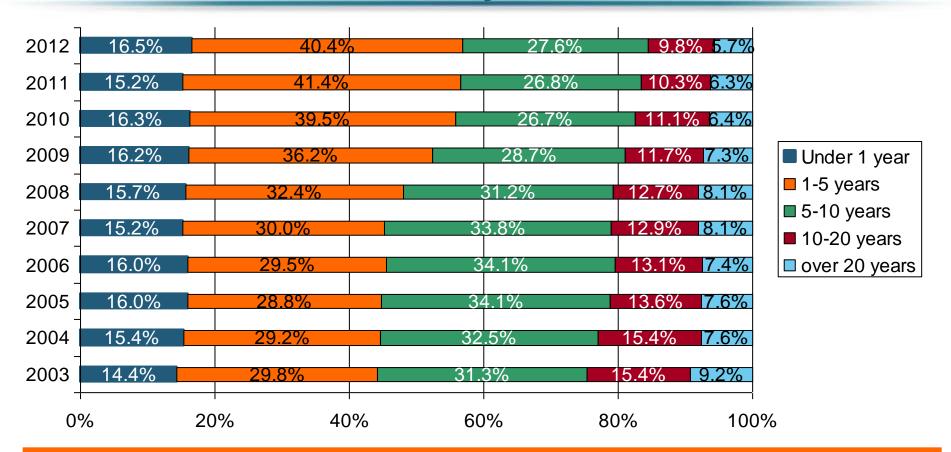


Falling Average Maturity (and Duration) of the P/C Industry's Bond Portfolio is Contributing to the Drop in Investment Income Along With Lower Yields

^{*}Year-end figures. Latest available.

Distribution of Bond Maturities, P/C Insurance Industry, 2003-2012



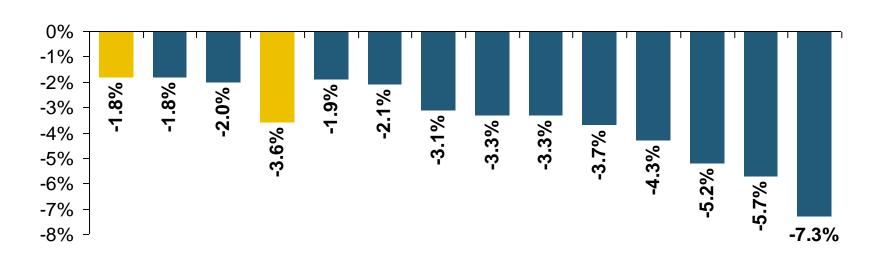


The main shift over these years has been from bonds with longer maturities to bonds with shorter maturities. The industry first trimmed its holdings of over-10-year bonds (from 24.6% in 2003 to 15.5% in 2012) and then trimmed bonds in the 5-10-year category (from 31.3% in 2003 to 27.6% in 2012). Falling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

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

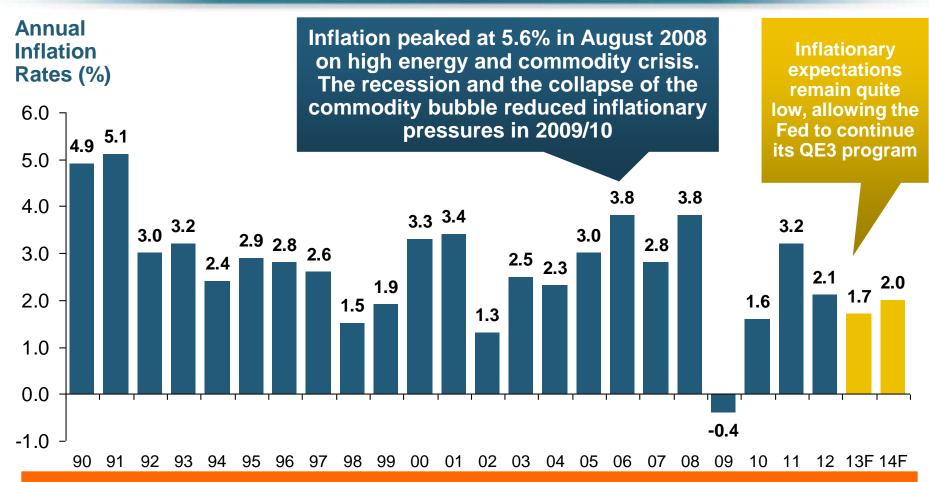
Source: A.M. Best; Insurance Information Institute.

^{*}Based on 2008 Invested Assets and Earned Premiums

^{**}US domestic reinsurance only

Annual Inflation Rates, (CPI-U, %), 1990–2014F





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

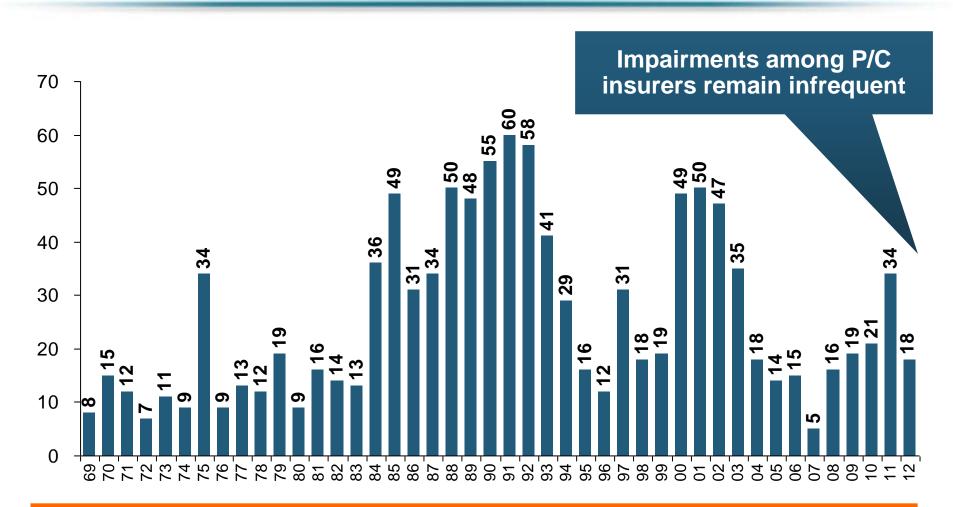


Financial Strength & Underwriting

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

P/C Insurer Impairments, 1969–2012

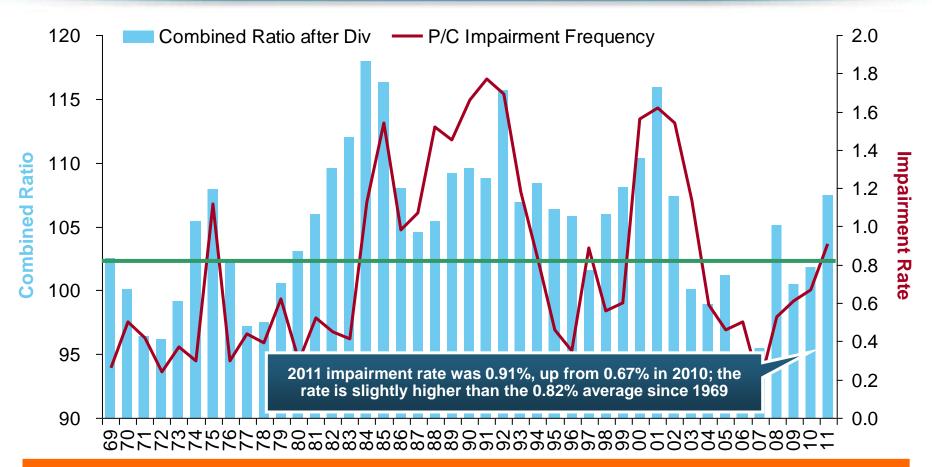




The Number of Impairments Varies Significantly Over the P/C Insurance Cycle, With Peaks Occurring Well into Hard Markets

P/C Insurer Impairment Frequency vs. Combined Ratio, 1969-2011





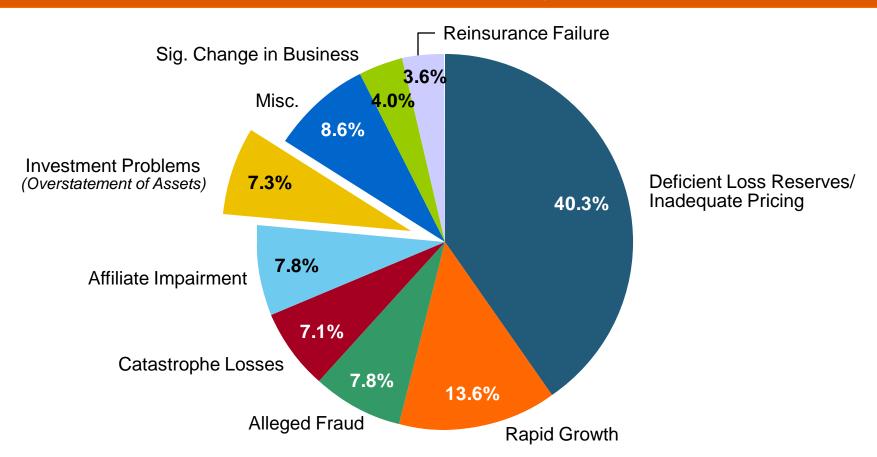
Impairment Rates Are Highly Correlated With Underwriting Performance and Reached Record Lows in 2007; Recent Increase Was Associated Primarily With Mortgage and Financial Guaranty Insurers and Not Representative of the Industry Overall

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



Historically, Deficient Loss Reserves and Inadequate Pricing Are By Far the Leading Cause of P-C Insurer Impairments.

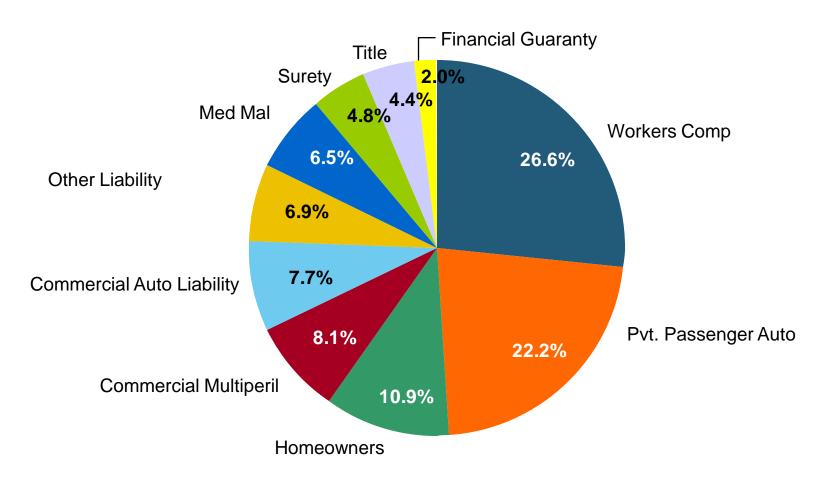
Investment and Catastrophe Losses Play a Much Smaller Role



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

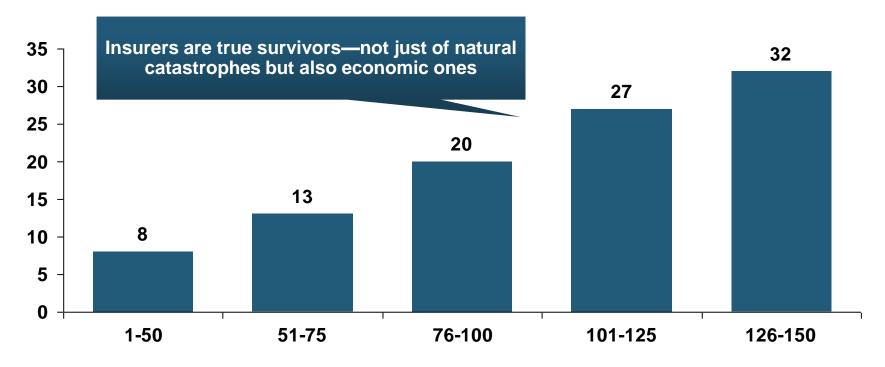


Workers Comp and Pvt. Passenger Auto Account for Nearly Half of the Premium Volume of Impaired Insurers Over the Past Decade



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

Number of Recessions Since 1860



Number of Years in Operation

Many US Insurers Are Close to a Century Old or Older

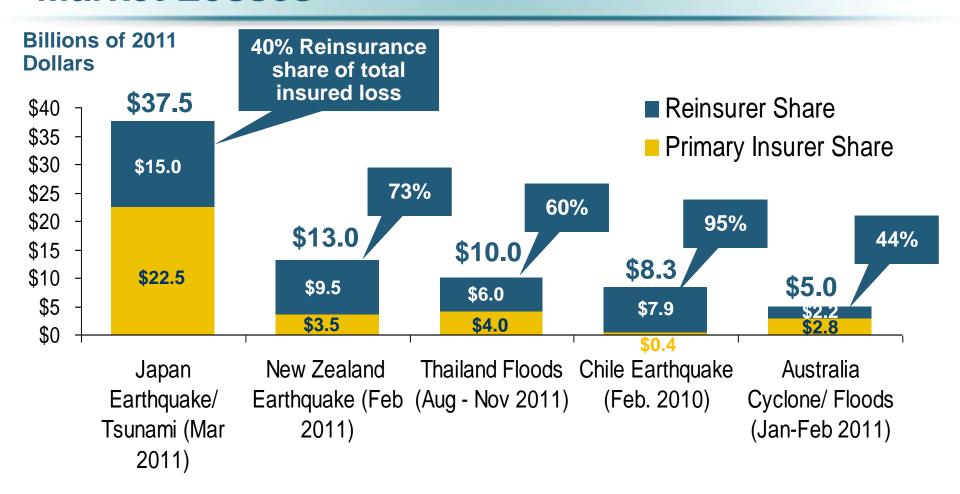


3. REINSURANCE MARKET CONDITIONS

Record Global Catastrophes Activity is Pressuring Pricing

Reinsurer Share of Recent Significant Market Losses

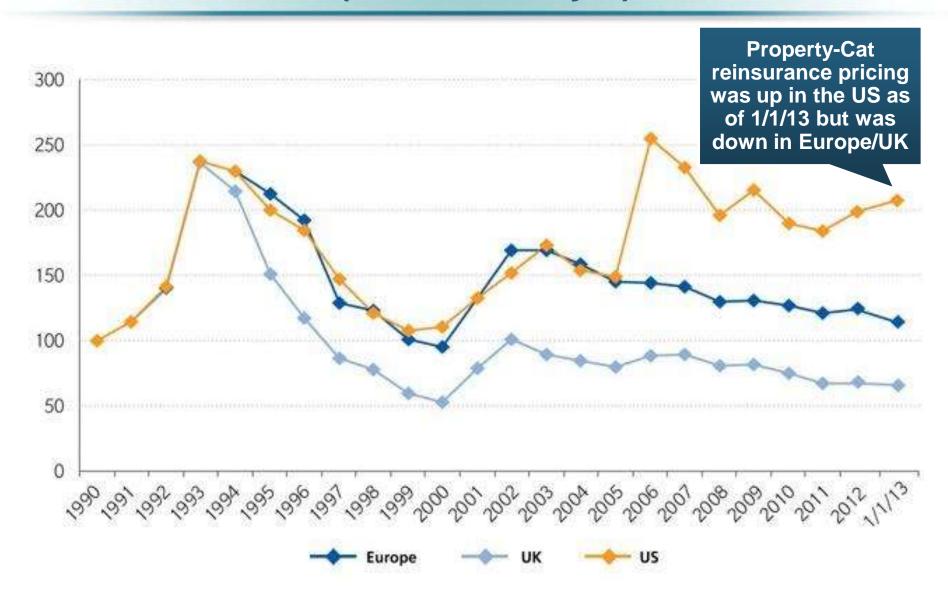




Reinsurers Paid a High Proportion of Insured Losses Arising from Major Catastrophic Events Around the World in Recent Years

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





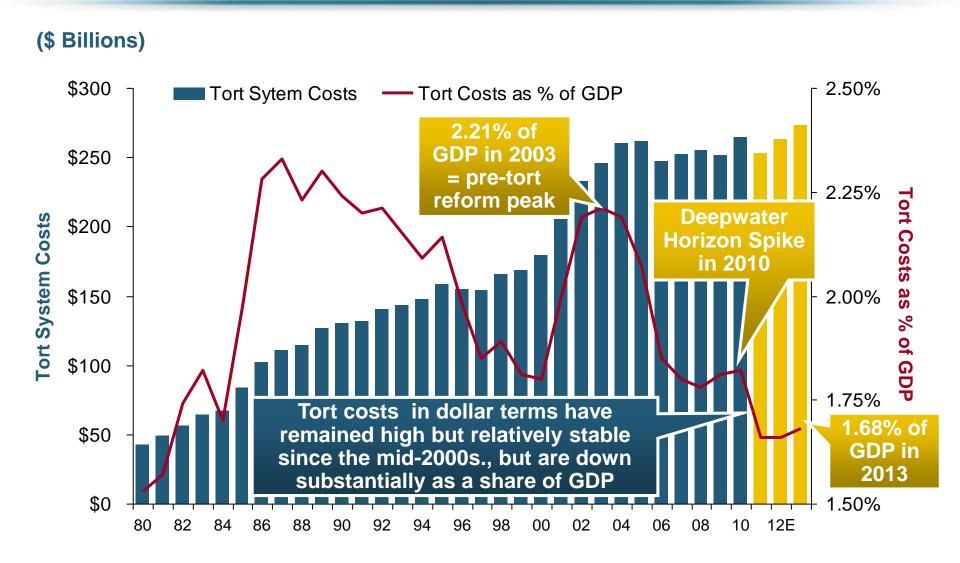


Shifting Legal Liability & Tort Environment

Is the Tort Pendulum Swinging Against Insurers?

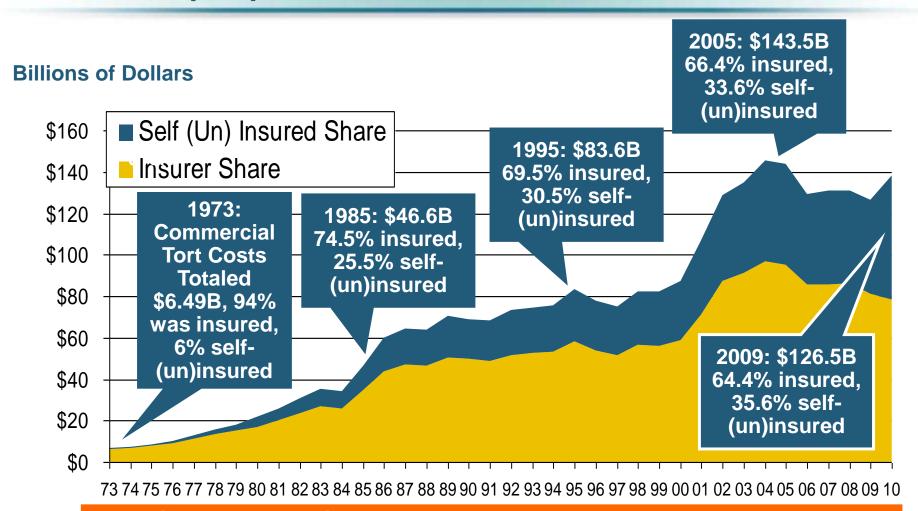
Over the Last Three Decades, Total Tort Costs as a % of GDP Appear Somewhat Cyclical, 1980-2013E





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

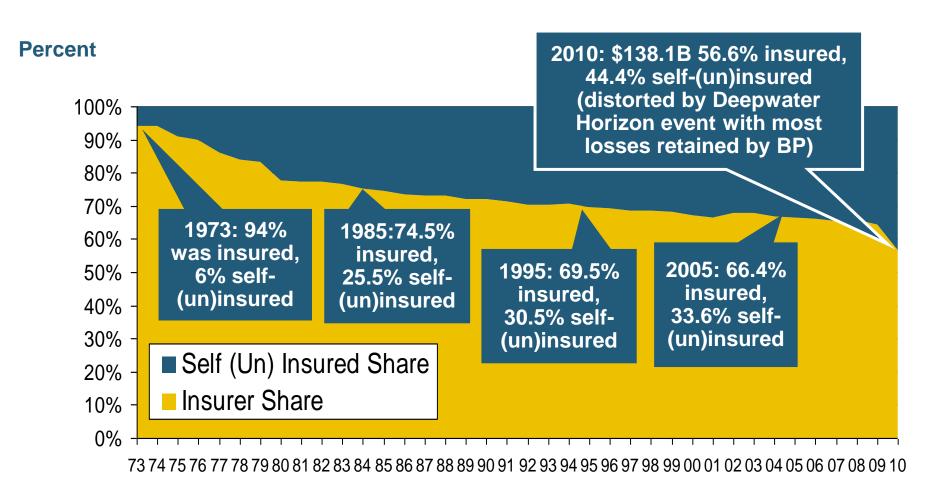




Tort Costs and the Share Retained by Risks Both Grew Rapidly from the mid-1970s to mid-2000s, When Tort Costs Began to Fall But Self-Insurance Shares Continued to Rise

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





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

- Delaware
- Nebraska
- 3. Wyoming
- 4. Minnesota
- 5. Kansas
- 6. Idaho
- 7. Virginia
- 8. North Dakota
- 9. Utah

10. lowa

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

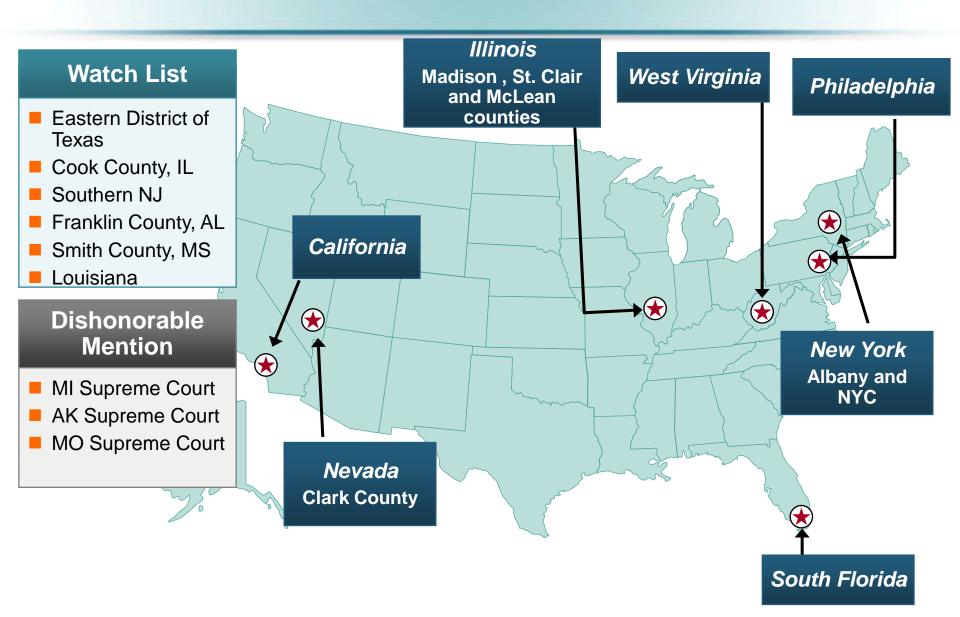
Oklahoma

Rising Above

Arkansas

The Nation's Judicial Hellholes: 2011







Insurance Information Institute Online:

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