Economic and Insurance Market Conditions: An Overview and Outlook in the Age of Uncertainty

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Economics 2012:
The World Is Changing

2012 is the first year since 2005 where economic perceptions and reality in the US will be positive

Potentially significant benefits for P/C insurers and the energy sector



Economic Outlook for 2012

- Economic growth will continue 2012/13, albeit modestly and unevenly
 - No double dip recession
 - Economy remains more resilient than most pundits presume
 - All robust / credible economic recovery scenarios rely heavily on development of domestic energy sector
- Consumer confidence could ebb, but won't collapse
- Consumer spending / investment will continue to expand modestly
- Consumer and business lending continue to expand modestly
- Business bankruptcies fall, new business formations grow
- Housing market remains weak, but some improvement expected by 2013
- Inflation remains tame



Economic Outlook for 2012

- Private sector hiring remains consistently positive but anemic
 - Unemployment is about 8% by year's end
- Sovereign debt, Euro currency / economy, muni bond "crises" overblown
- European recession is milder than commonly presumed
- Soft landing in China
- Threat from oil price shock, Middle East turmoil has subsided
- Interest rates remain low by historical standards; fear & Fed factors
- Stock and bond market stability has given way to fear trading
- Congress & President agree on tax cut extensions before year-end

Insurance Industry Predictions for 2012

- P/C insurance exposures grow modestly
 - Personal and commercial exposure growth is certain in 2012; strongest since 2004/5
 - But restoration of destroyed exposure will take until mid-decade
- P/C industry growth in 2012 will be strongest since 2005
 - Growth likely to exceed A.M. Best projection of +3.8% for 2012
 - No traditional "hard market" emerges in 2012
- Underwriting fundamentals deteriorate modestly
 - Some pressure from claim frequency, in some severity in key lines
- Increasing private sector hiring will drive payrolls / WC exposures
 - Wage growth is also positive and could modestly accelerate
 - WC will prove to be tough to fix from an underwriting perspective
- Industry capacity hits new record highs in 2012 (barring mega-CAT)

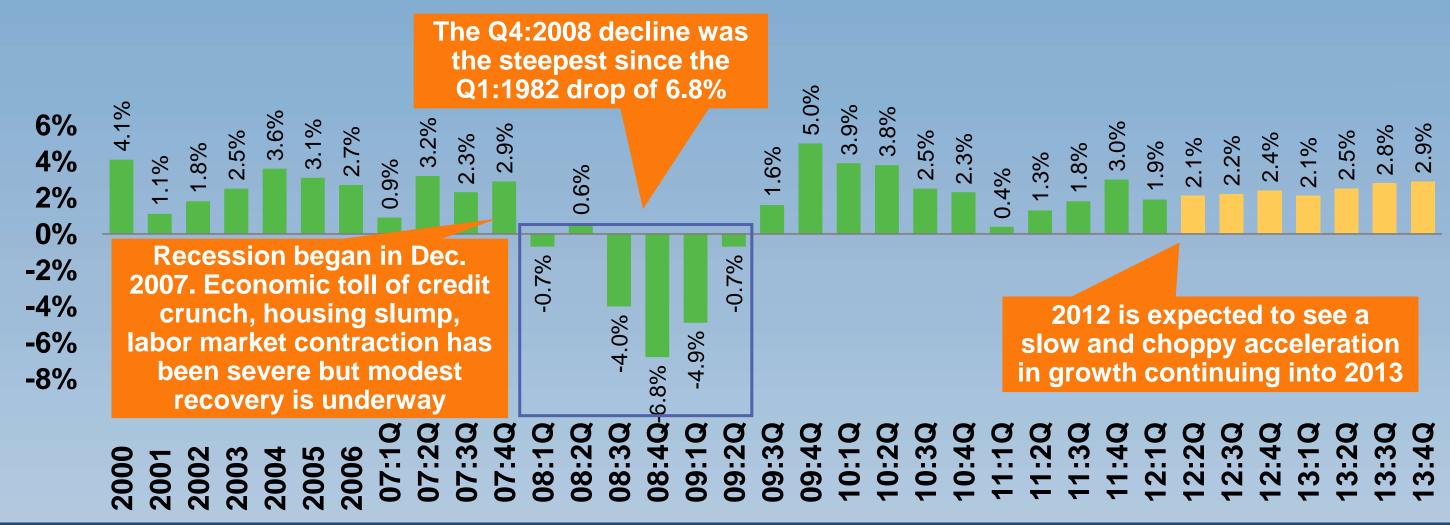


The Strength of the US Economy Will Influence Insurer Growth Opportunities & Energy Demand

The energy sector is necessarily at the core of any economic recovery scenario



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

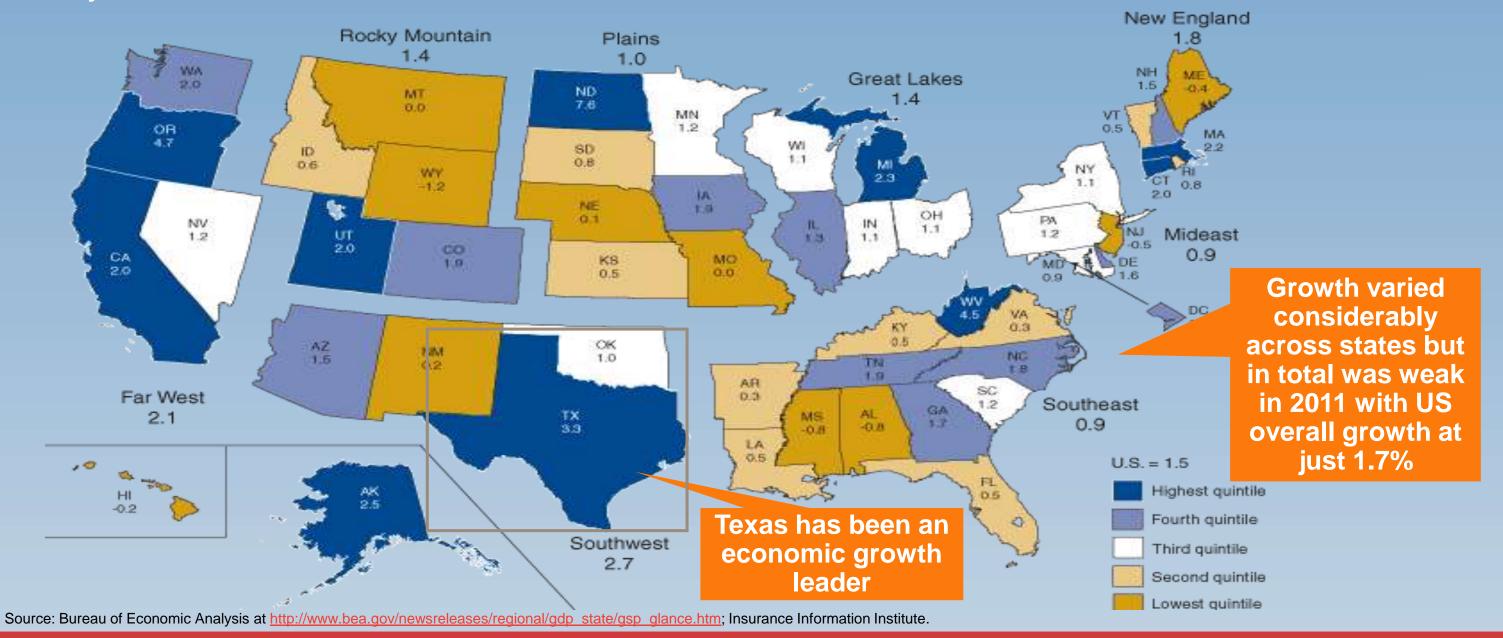
Source: US Department of Commerce, Blue Economic Indicators 6/12; Insurance Information Institute.



Estimates/Forecasts from Blue Chip Economic Indicators.

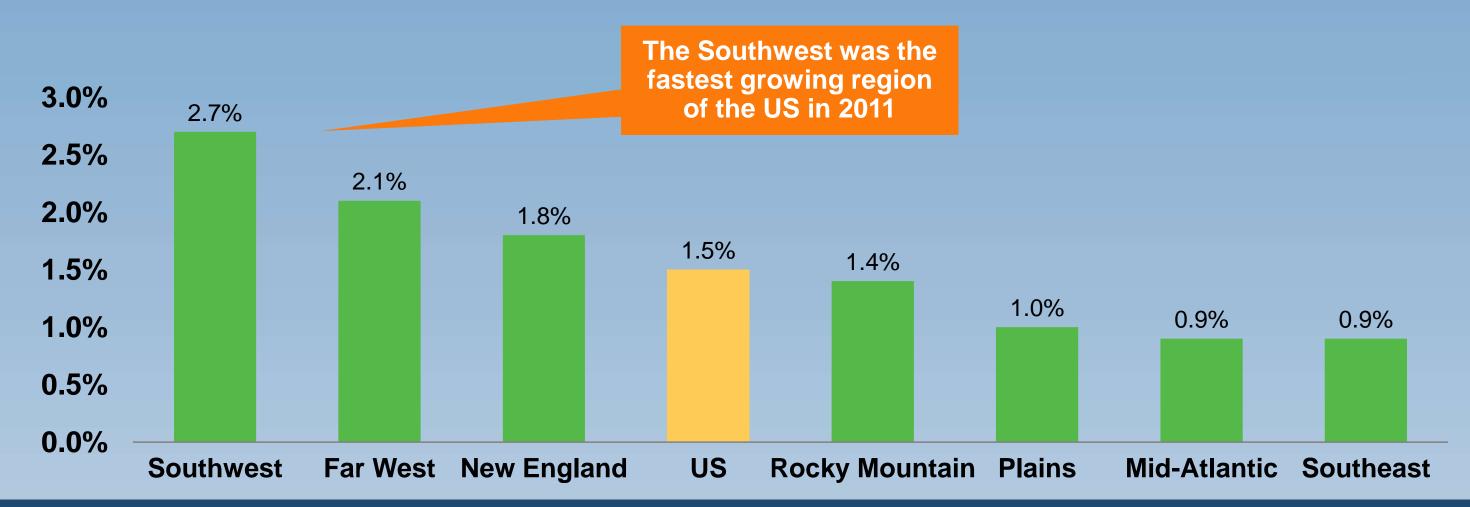
Percent Change in Real GDP

by State, 2011



Real GDP Growth by Region, 2011

Percentage Change



States in the Southwest grew three times faster than states in the Mid-Atlantic or Southeast, impacting relative insurance and energy demand

Source: Bureau of Economic Analysis at http://www.bea.gov/newsreleases/regional/gdp_state/gsp_glance.htm; Insurance Information Institute.

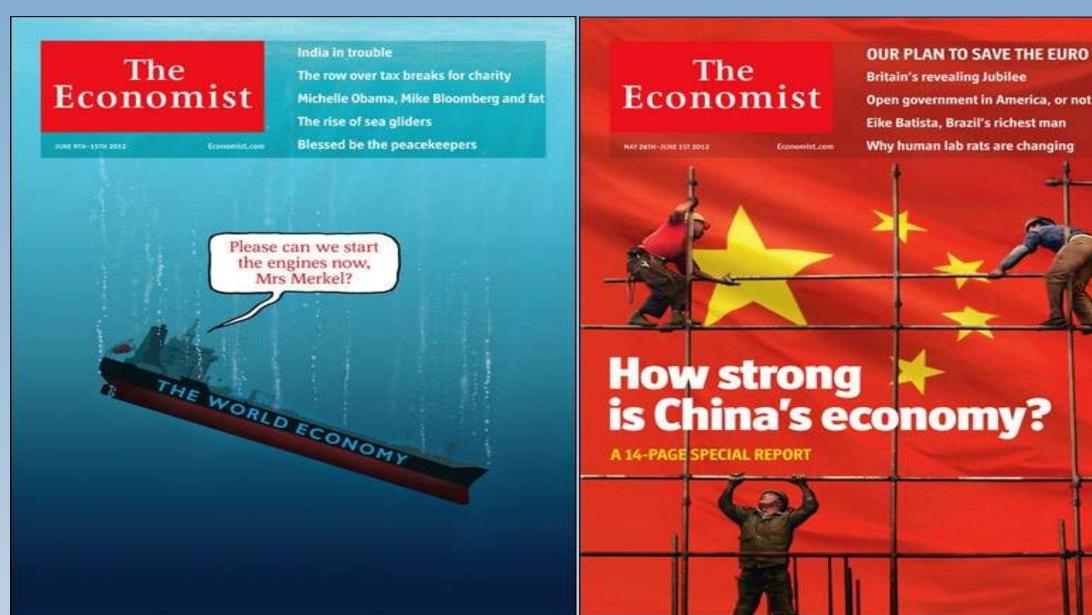


Global Financial and Economic Instability

Is the global economy about to sink into the abyss?



Concern About Economies All Over the World, Especially Europe but Also Including China



The Economist. May 31 - June 6, 2012 Issue The Economist. June 8 - June 15, 2012 Issue



Real GDP Growth Forecasts: Major Economies

2011-2013F



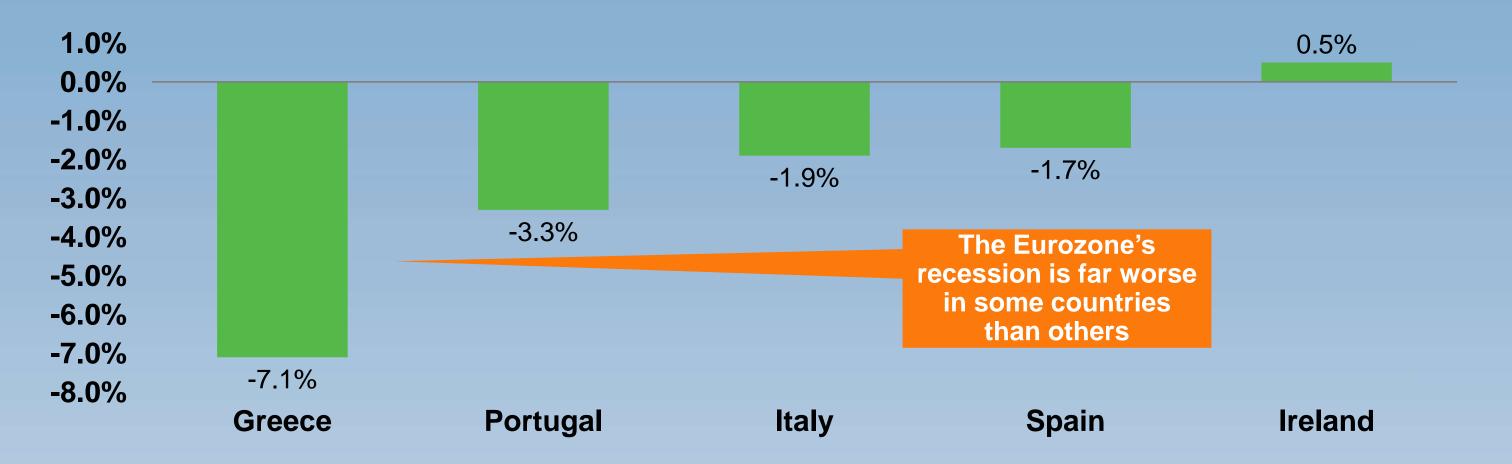
Growth prospects vary widely by region: brightening in the US, mild recession in the Eurozone, a "soft landing" in china and india, reconstruction stimulus in Japan and modest growth in America's largest trading partners—Canada and Mexico

Sources: Blue Chip Economic Indicators (6/2012 issue); Insurance Information Institute



When PIIGS Fly: The Eurozone's Weak Periphery

Percentage Change



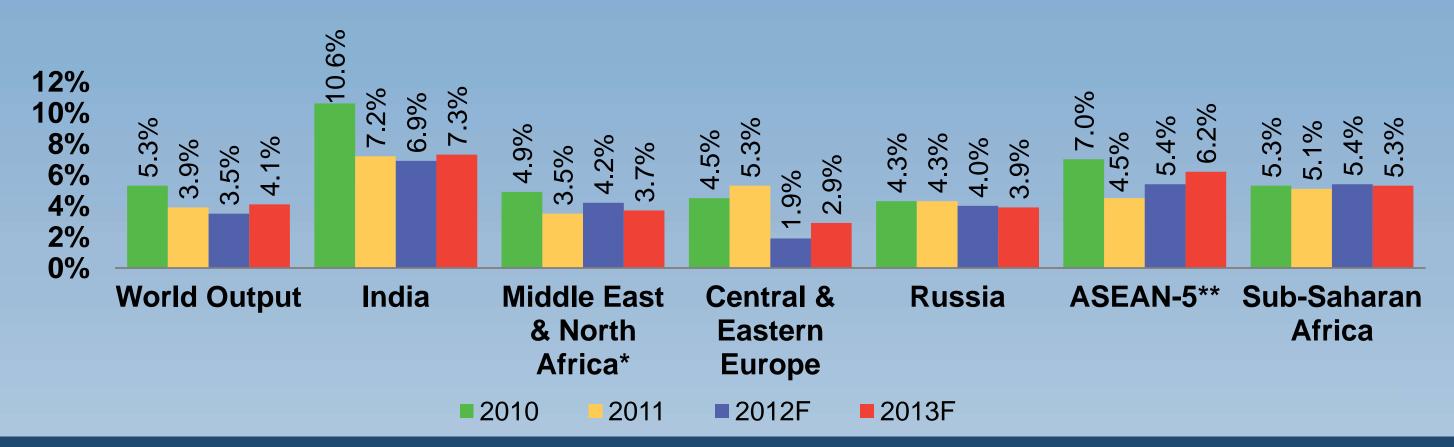
States in the Southwest grew three times faster than states in the Mid-Atlantic or Southeast, impacting relative insurance and energy demand

Sources: IMF World Economic Outlook (April 2012) for Ireland, Portugal; The Economist (June 30, 2012) for Greece, Italy, Spain; Insurance Information Institute.



Real GDP Growth Forecasts: Emerging Market

Regions: 2010-2013F

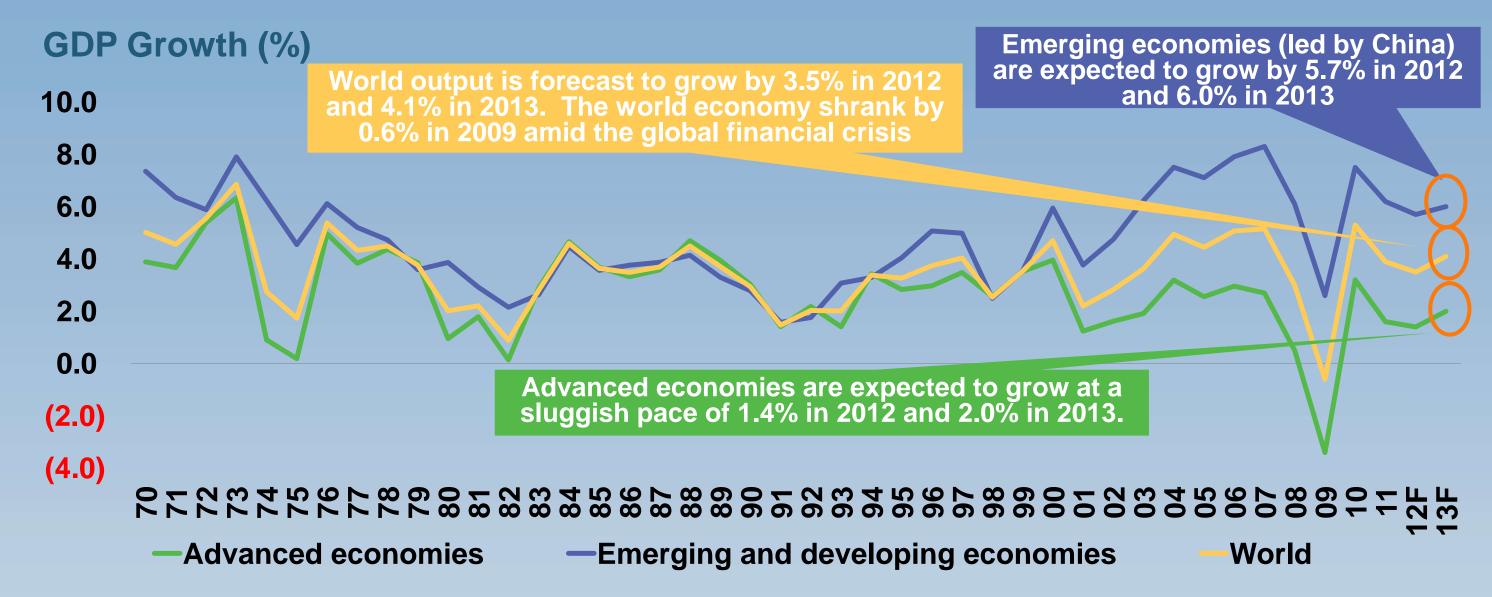


Growth prospects vary widely by region: all regions slowed in 2011 as economic recovery encountered many challenges. IMF outlook for 2012 is mixed with broader, more robust growth in 2013 predicted.

*Excludes Libya in 2011. **Indonesia, Malaysia, Thailand, Philippines and Vietnam Sources: IMF World Economic Outlook (April 2012); Insurance Information Institute.



GDP Growth: Advanced & Emerging Economies vs. World, 1970-2013F



Source: International Monetary Fund, World Economic Outlook Update, Apr. 2012; Insurance Information Institute.



Pillars of Strength in the US Economy

Insurance and energy demand will grow unevenly across various economic sectors



Consumer Sentiment Survey (1966 = 100)

January 2010 through June 2012

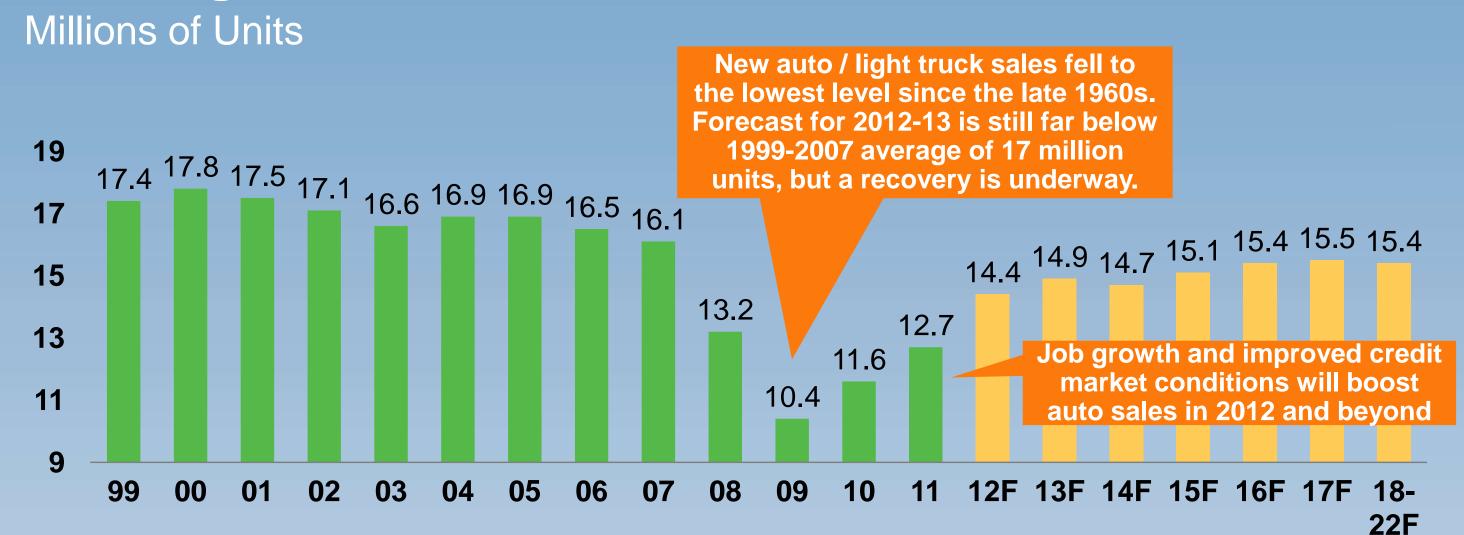


Consumer spending drives 70% of the US economy. In recent years confidence was battered by high unemployment, falling home prices and financial market turmoil; political uncertainty remains a threat

Source: University of Michigan; Insurance Information Institute



Auto/Light Truck Sales, 1999-2022F

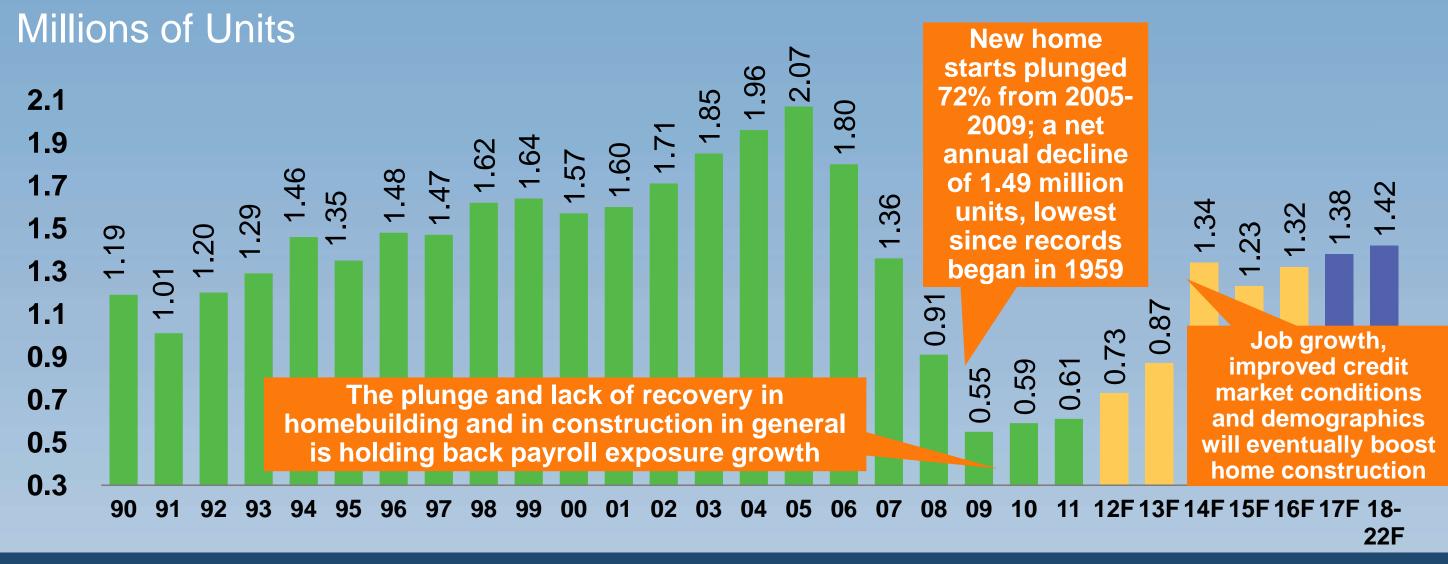


Auto / light truck sales will continue to recover from the 2009 low point, bolstering the auto insurer growth and the manufacturing sector

Source: U.S. Department of Commerce; Blue Chip Economic Indicators (10/11 and 6/12); Insurance Information Institute.



New Private Housing Starts, 1990-2022F



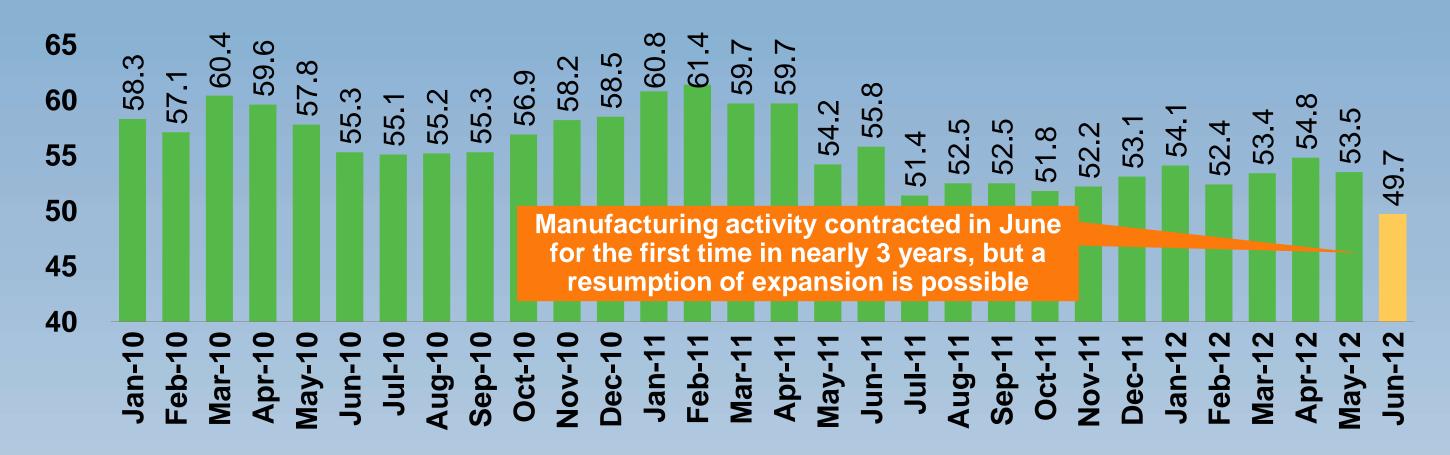
Little exposure growth likely for homeowners insurers until at least 2014 also affects commercial insurers with construction risk exposure, surety

Source: U.S. Department of Commerce; Blue Chip Economic Indicators (10/11 and 6/12); Insurance Information Institute.



ISM Manufacturing Index

(Values > 50 Indicate Expansion)

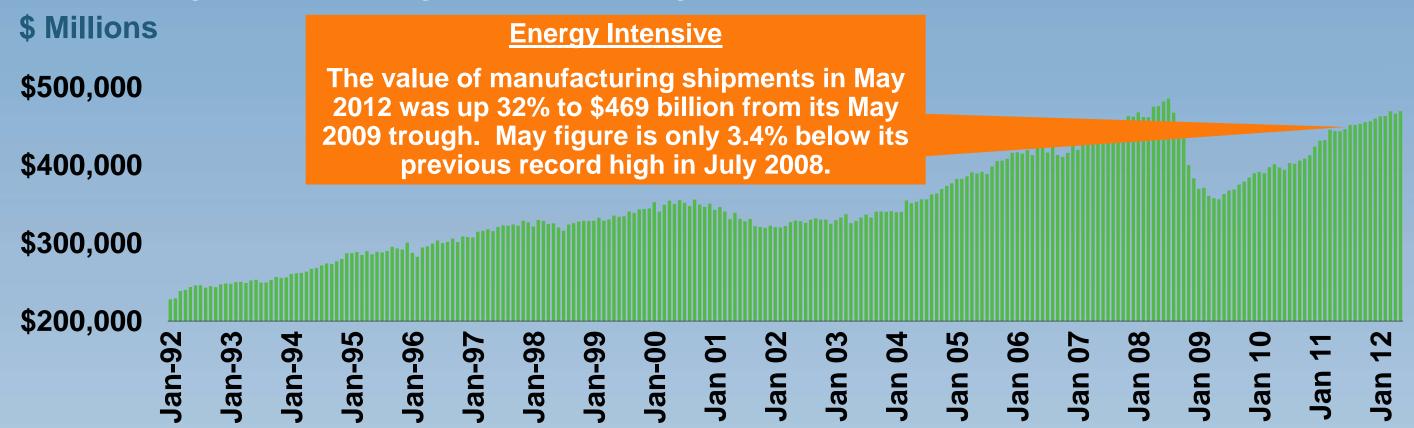


The manufacturing sector expanded for 34 consecutive months until June 2012 and added jobs. The question is whether this will continue.

Source: Institute for Supply Management at http://www.ism.ws/ismreport/mfgrob.cfm; Insurance Information Institute.



Dollar Value* of Manufacturers' Shipments Monthly, January 1992-May 2012



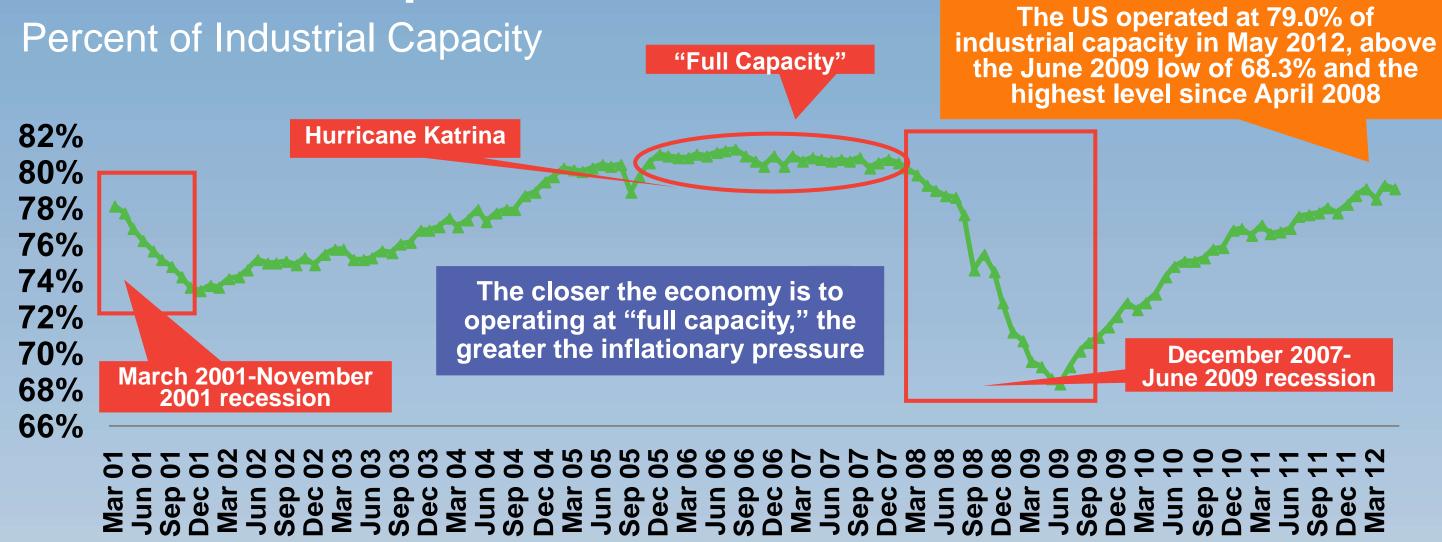
Monthly shipments are nearly back to peak (in July 2008, 8 months into the recession). Trough in May 2009. Growth from trough to March 2012 was 31%. Manufacturing is an energy intensive activity and growth leads to gains in many commercial exposures: WC, commercial auto, marine, property and various liability coverages.

*seasonally adjusted

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





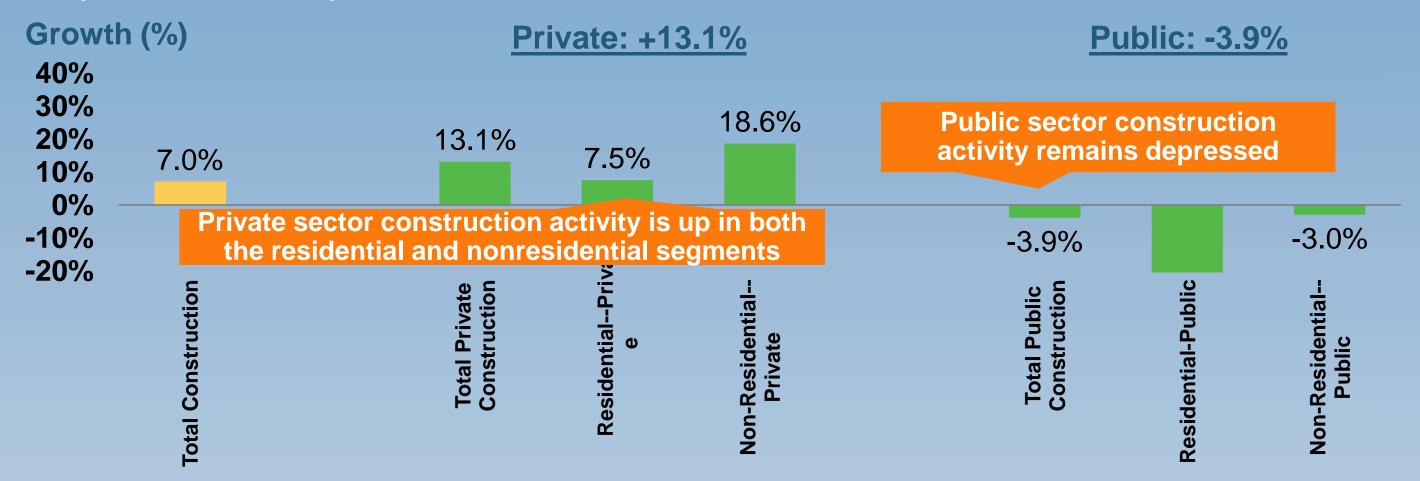


Source: Federal Reserve Board statistical releases at http://www.federalreserve.gov/releases/g17/Current/default.htm.



Value of Construction Put in Place

May 2012 vs. May 2011*



Overall construction activity is up, but growth is entirely in the private sector as state / local government budget woes continue

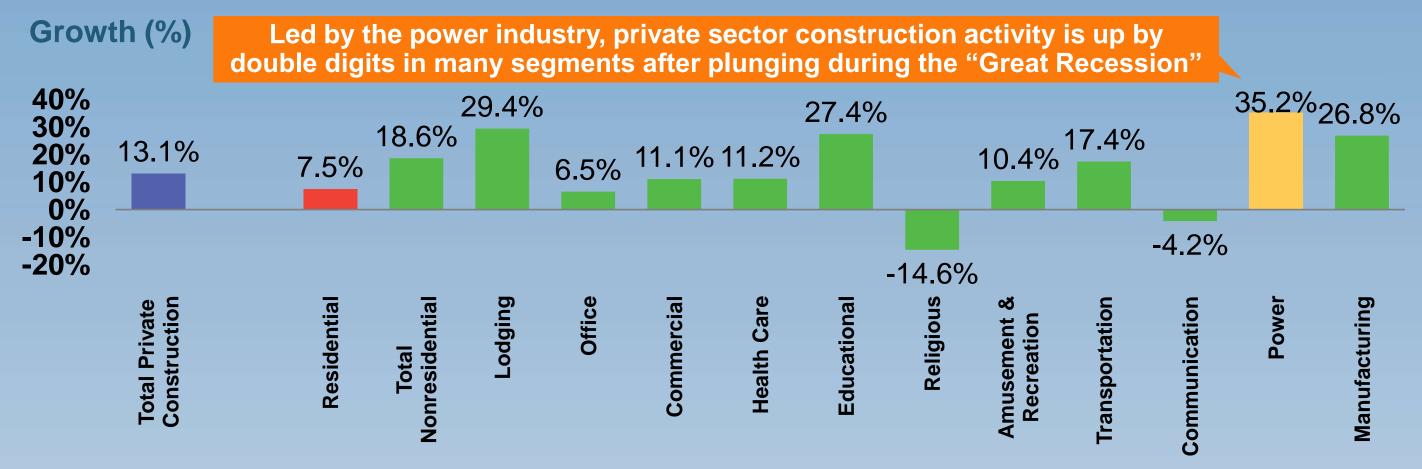
*seasonally adjusted

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



Value of Private Construction Put in Place, by Segment

May 2012 vs. May 2011*



Private construction activity is up in most segments, including residential construction but led by power

*seasonally adjusted

Source: U.S. Census Bureau, http://www.census.gov/construction/c30/c30index.html; 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)

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

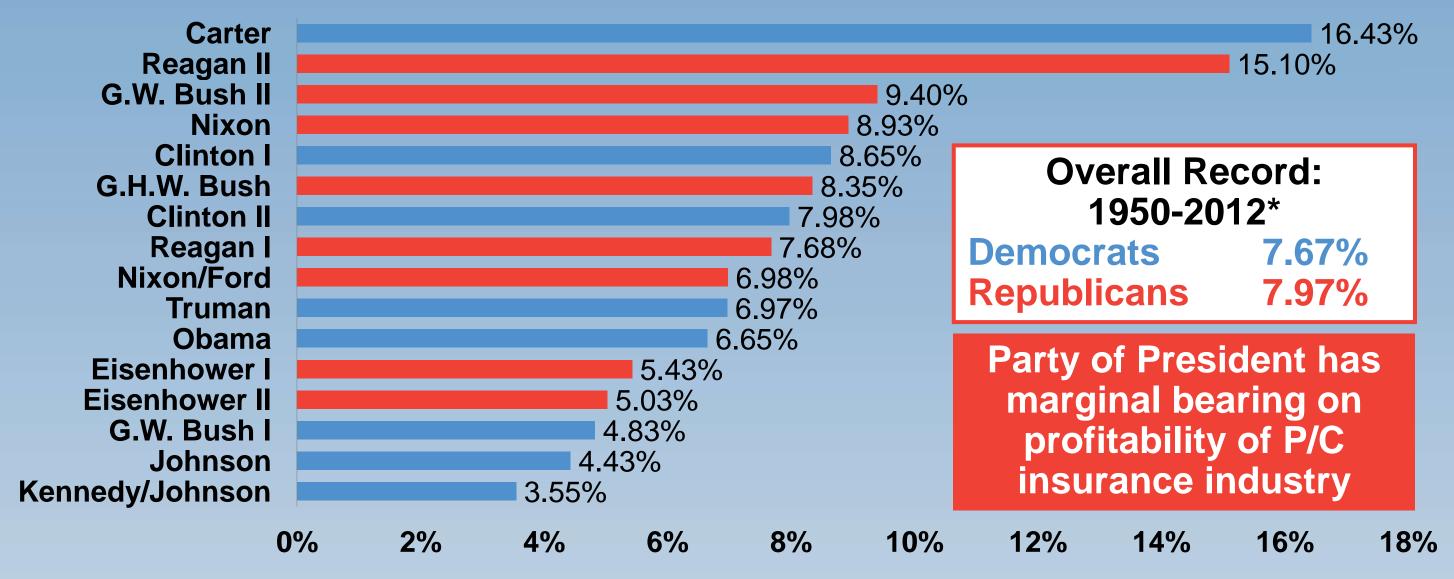


Presidential Politics & the P/C Insurance Industry

How is profitability affected by the President's political party?



P/C Insurance Industry ROE by Presidential Administration, 1950-2012*



^{*}Truman administration ROE of 6.97% based on 3 years only, 1950-52; ROEs for the years 2008 forward exclude mortgage and financial guaranty segments. Estimated ROE for 2012 = 7.0%. Source: Insurance Information Institute



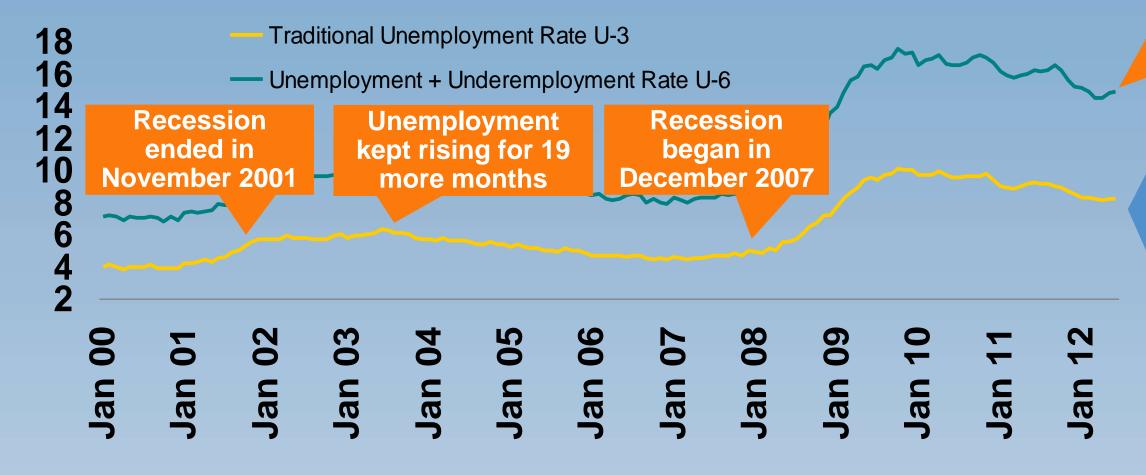
Labor Market Trends

Massive job losses sapped the economy and commercial / personal lines exposure, but trend is improving



Unemployment and Underemployment Rates

January 2000 through June 2012, Seasonally Adjusted (%)



U-6 went from 8.0% in March 2007 to 17.5% in October 2009; stood at 14.9% in June 2012

Unemployment stood at 8.2% in May 2012

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

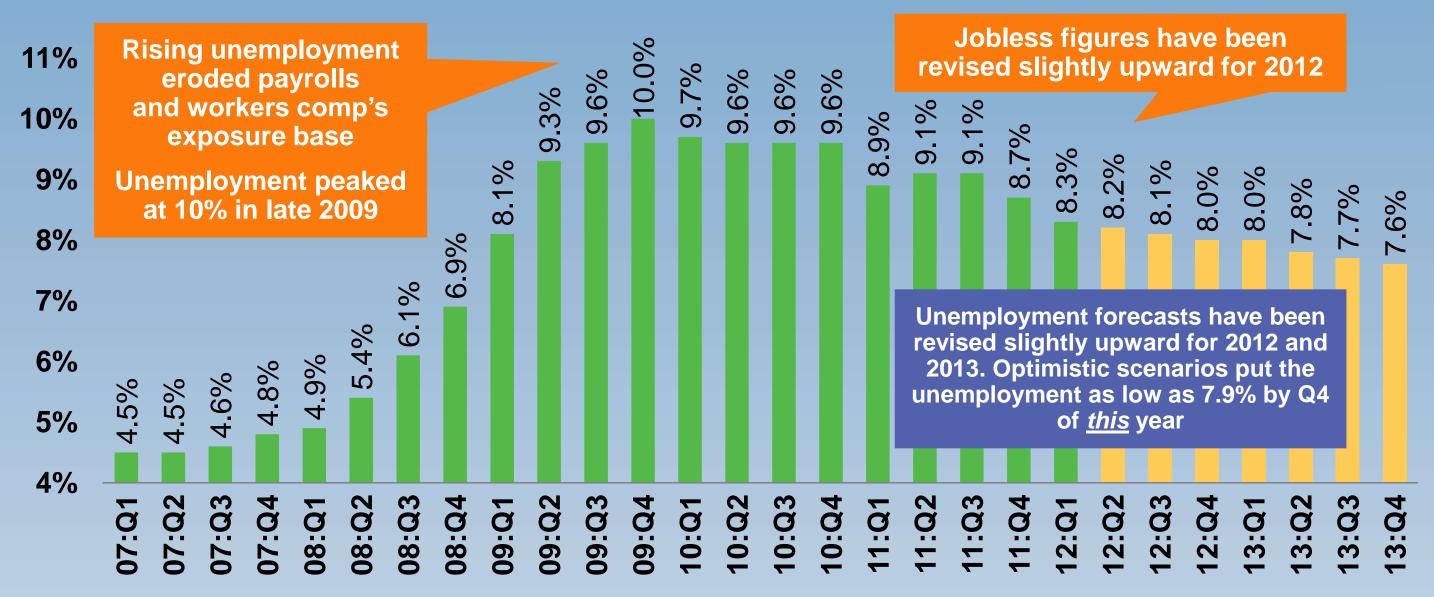
Stubbornly high unemployment and underemployment constrain overall economic growth, but the job market is now clearly improving

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



US Unemployment Rate Forecast

2007 to 2013F*



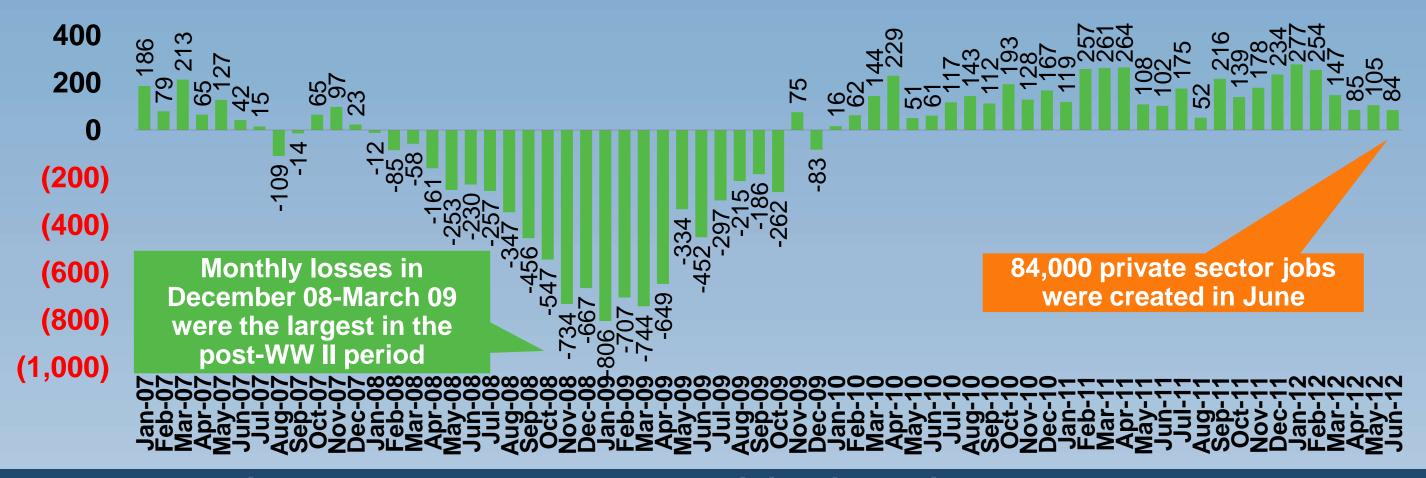
^{* =} actual; = forecasts

Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators (6/12 edition); Insurance Information Institute.



Monthly Change in Private Employment

January 2008 through June 2012 (Thousands of Jobs)



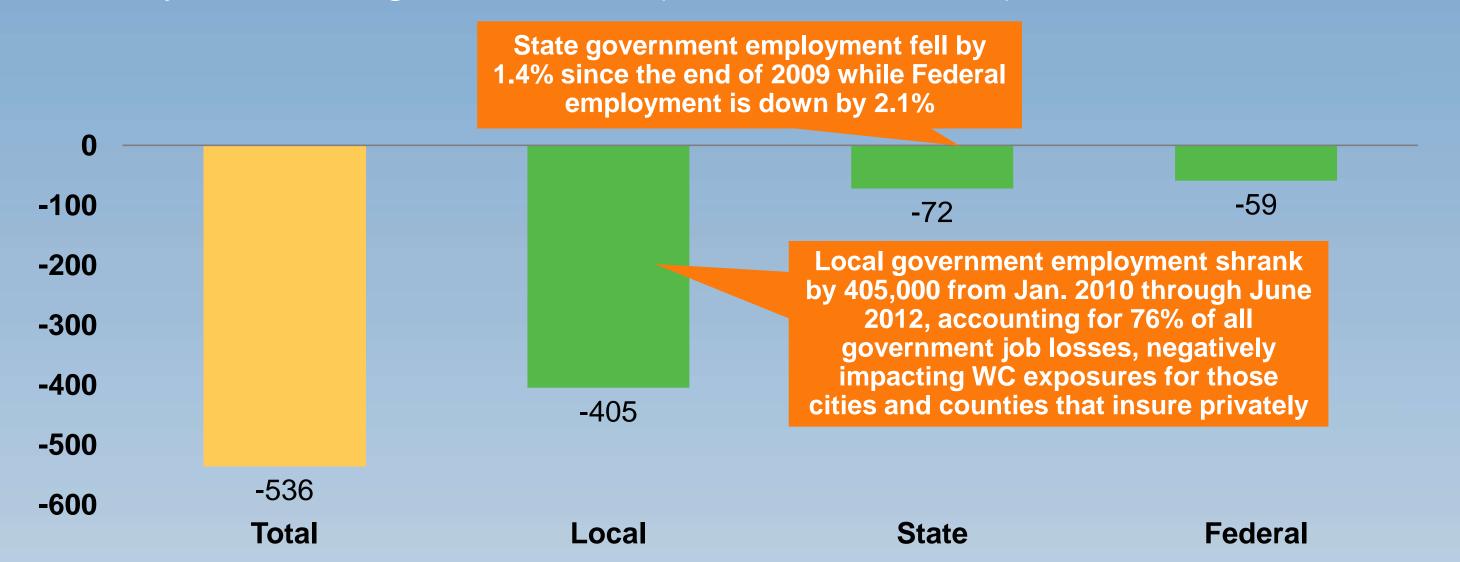
Private employers added 4.48 million jobs since January 2010 after having shed 4.66 million jobs in 2009 and 3.81 million in 2008 (state and local governments have shed hundreds of thousands of jobs)

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



Net Change in Government Employment

January 2010 through June 2012* (Thousands of Jobs)



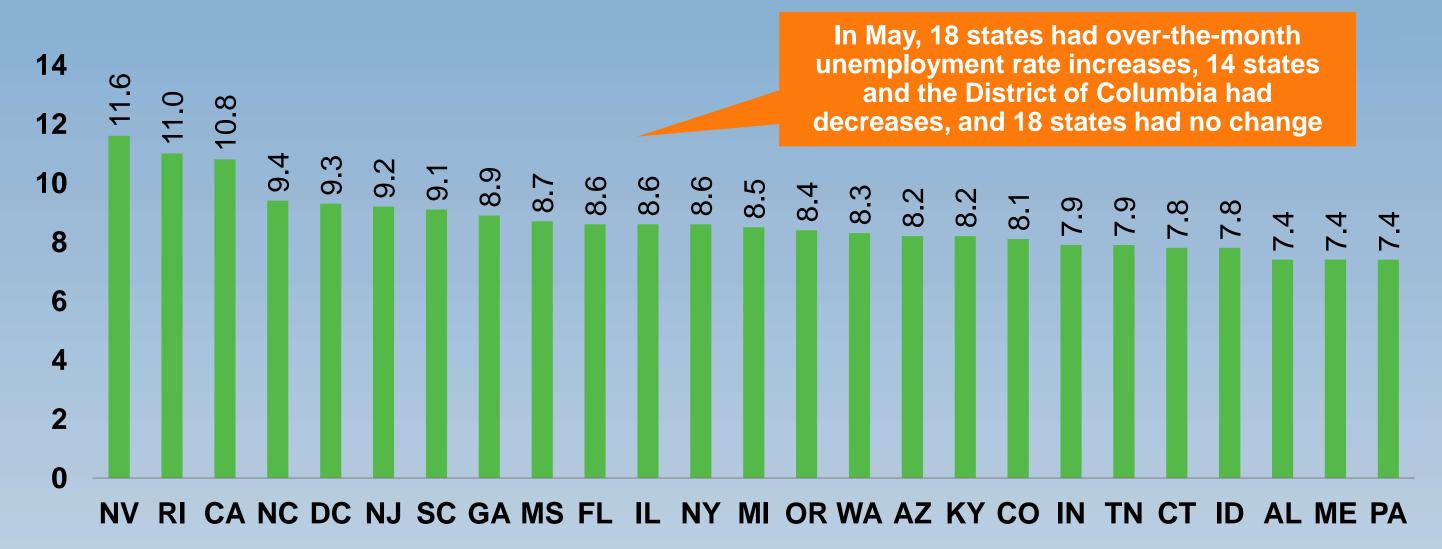
*Cumulative change from prior month; base employment date is December 2009.

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



Highest Unemployment Rates by State, May 2012

Unemployment Rate (%)



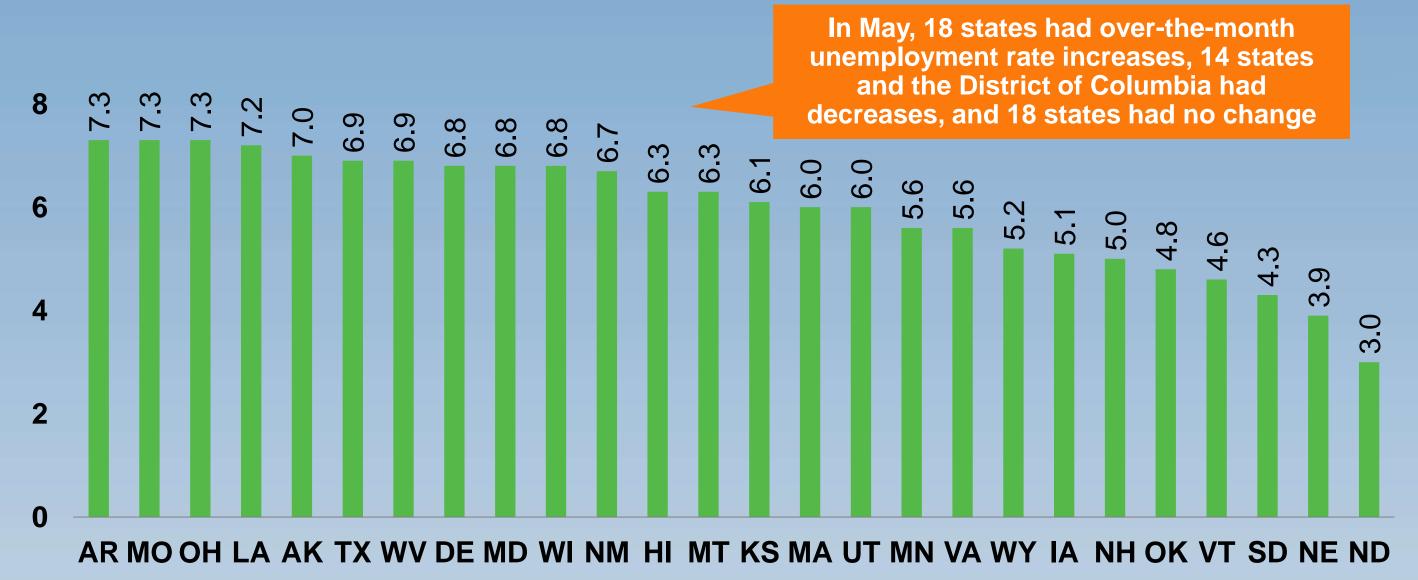
^{*}Provisional figures for May 2012, seasonally adjusted.

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



Lowest Unemployment Rates by State, May 2012

Unemployment Rate (%)

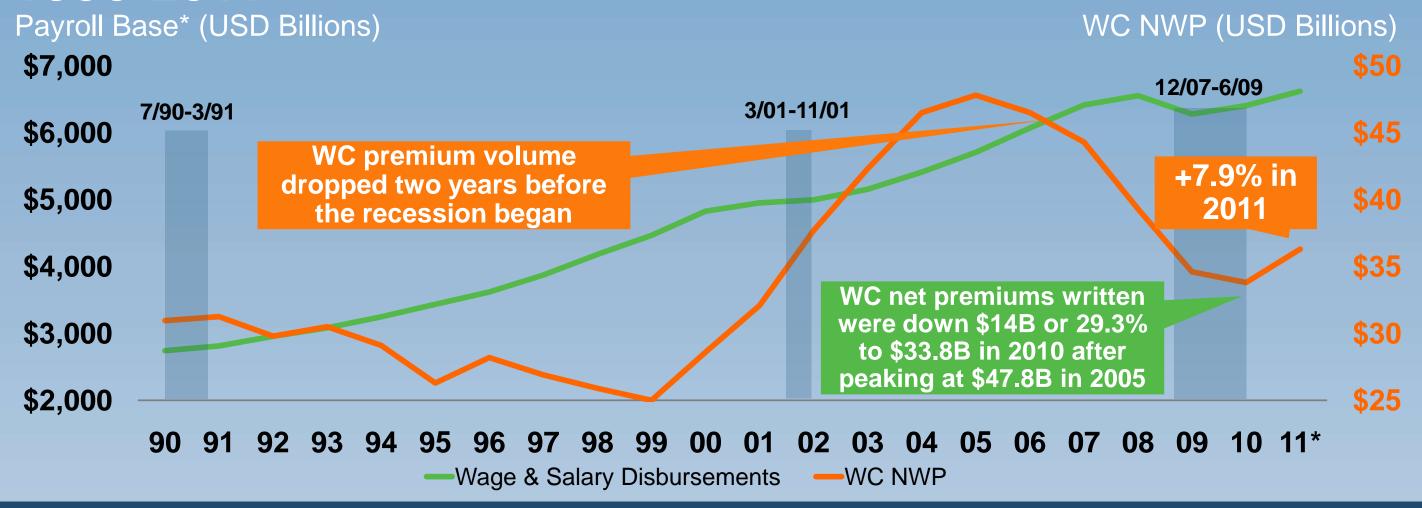


*Provisional figures for May 2012, seasonally adjusted.

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



Payroll vs. Workers Comp Net Written Premiums 1990-2011



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. 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.



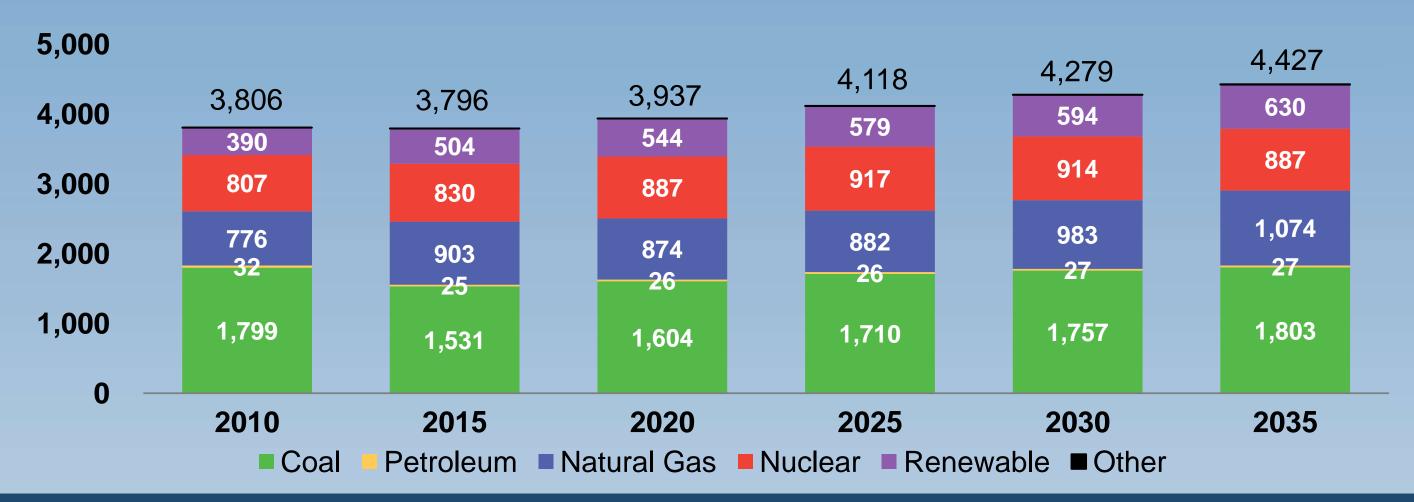
Demand for Electricity in the US Will Continue Rise Despite Sluggish Economy

Demand for energy insurance products will rise and adapt to meet changing needs



US Electric Power Generation by Fuel Source

2010-2035F (Billions of Kilowatt Hours)



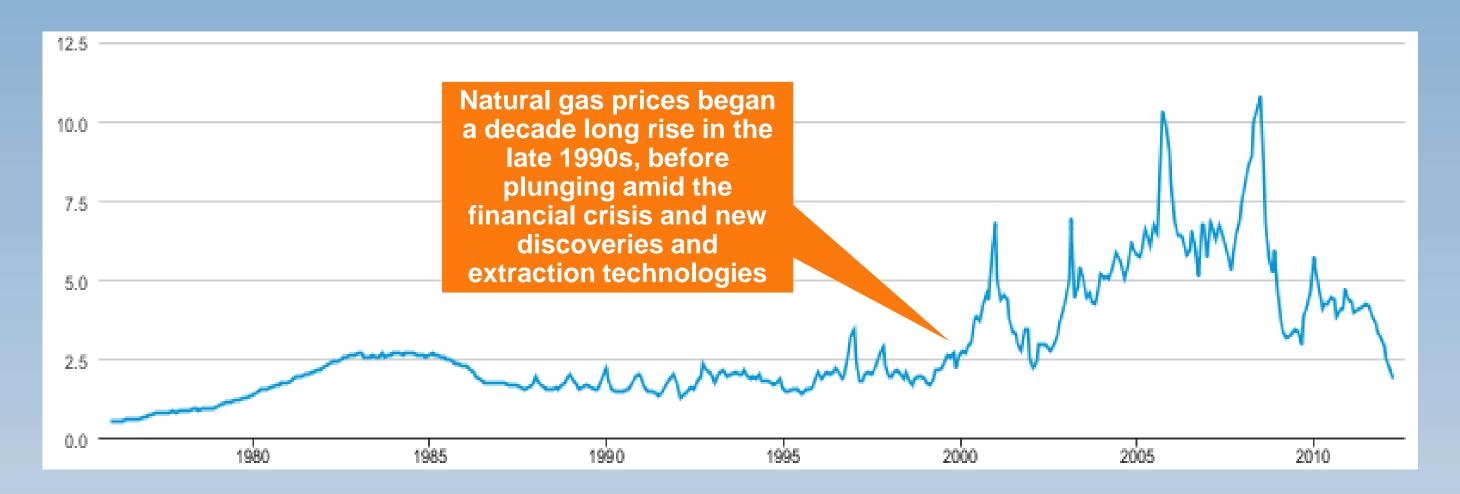
Demand for electricity is expected to grow at a 0.6% annual rate through 2035. Renewables and natural gas will account for an increasing share of fuel source.

Source: US Energy Information Administration, Annual Energy Outlook 2012, Appendix A7.



US Natural Gas Wellhead Price, 1976-2012*

Dollars per 1,000 Cubic Ft.



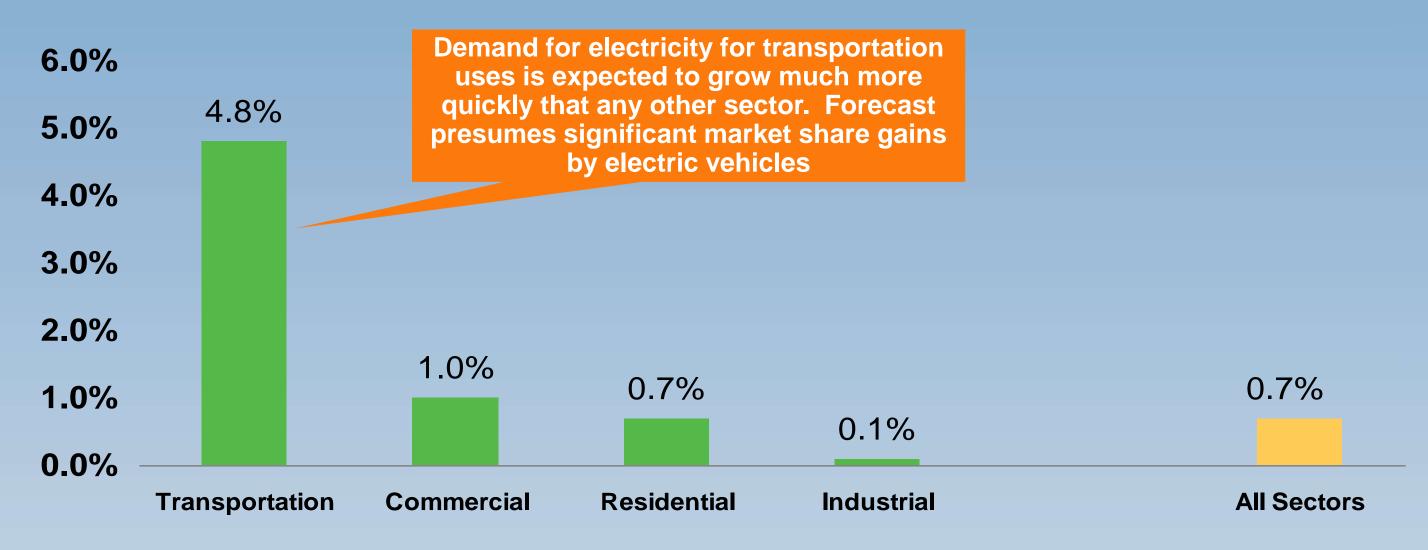
*Through April 2012

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



Average Annual Growth in Electricity Sales by Sector, 2010-2035

Billions of KwH

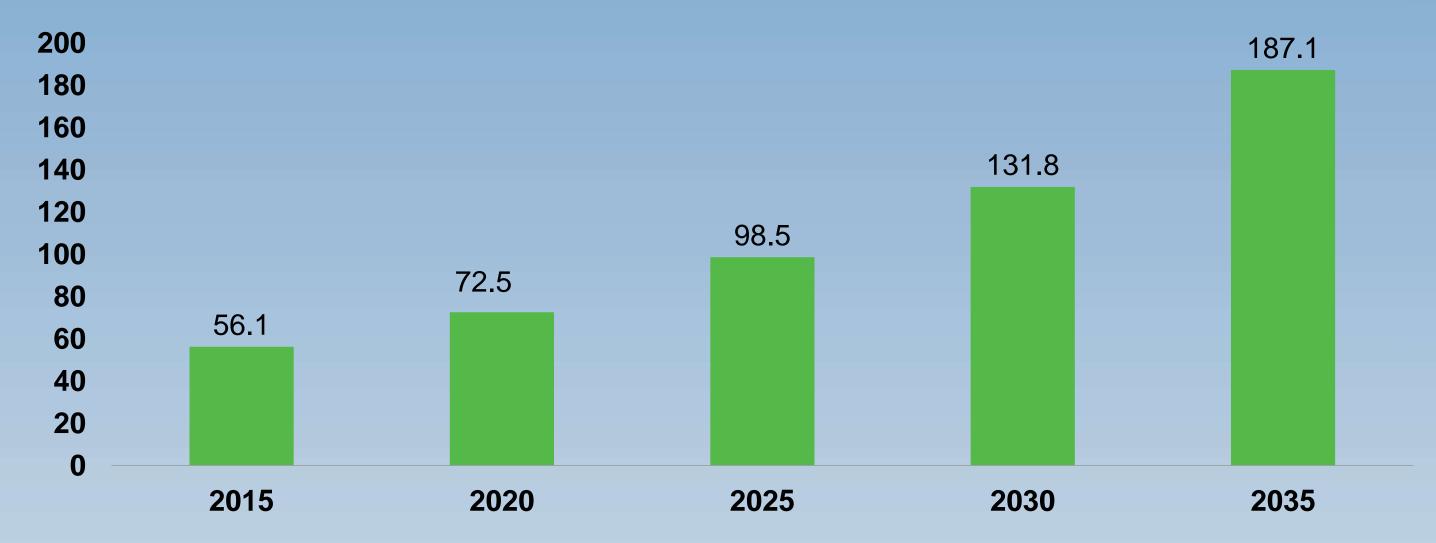


Source: US Energy Information Administration, Annual Energy Outlook 2012.



Cumulative Additions to Electricity Generating Capacity, 2015-2035P

Gigawatts



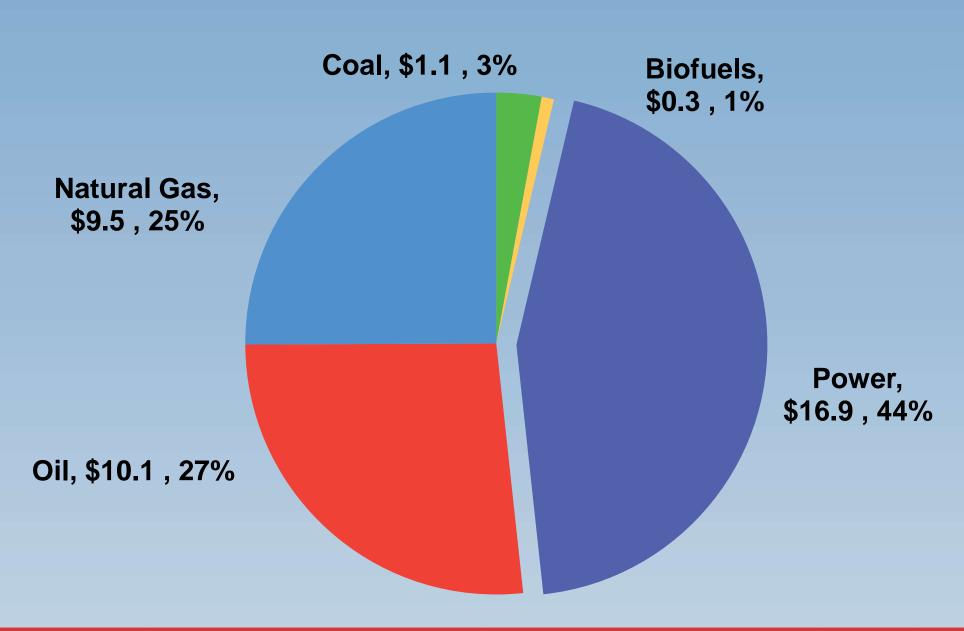
Source: US Energy Information Administration, Annual Energy Outlook 2012, Appendix A9.



Cumulative Projected Investment in Global Energy Infrastructure, 2011-2035

USD Trillion

Projected energy infrastructure investment through 2035 total \$38 trillion; Implies substantial incurrence of risk

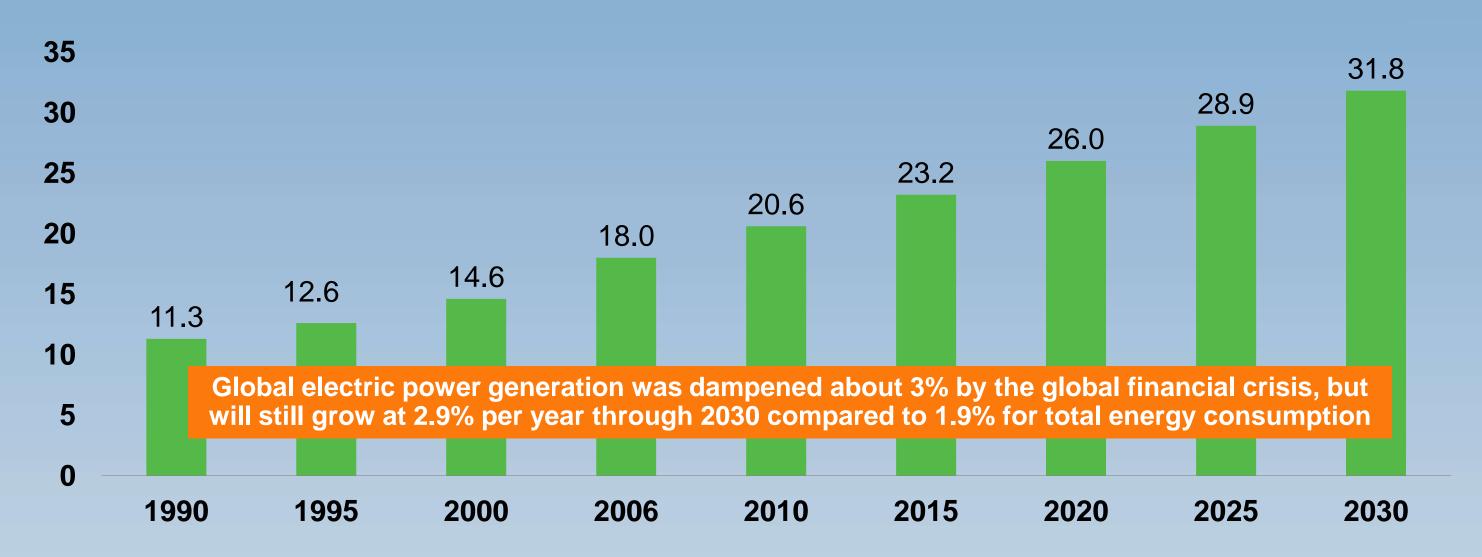


Source: International Energy Agency, World Energy Outlook 2011.



World Net Effective Electric Power Generation, 1990-2030P

Trillions of Kilowatt Hours



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

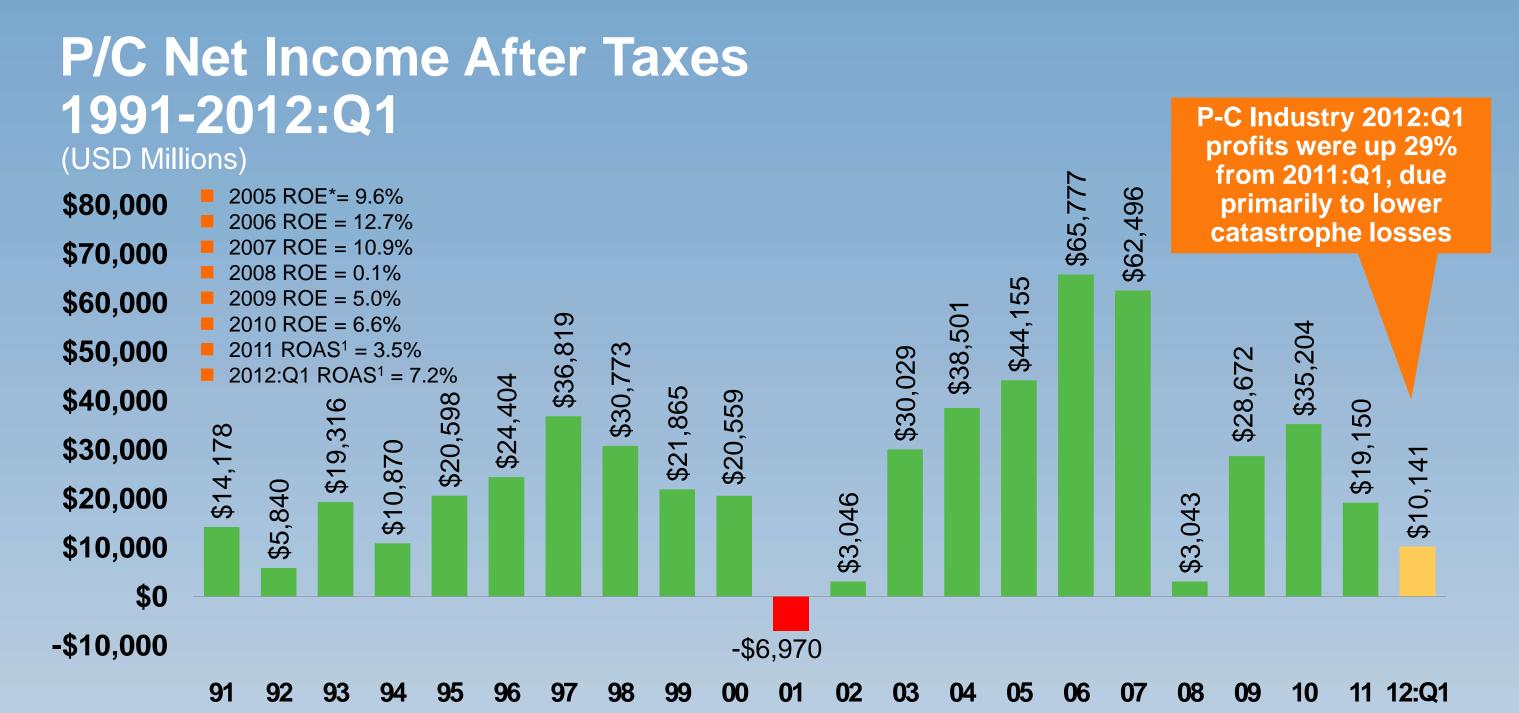


P/C Insurance Industry Financial Overview

Profit recovery was set back in 2011 by high catastrophe loss & other factors

2012 is looking better (so far)

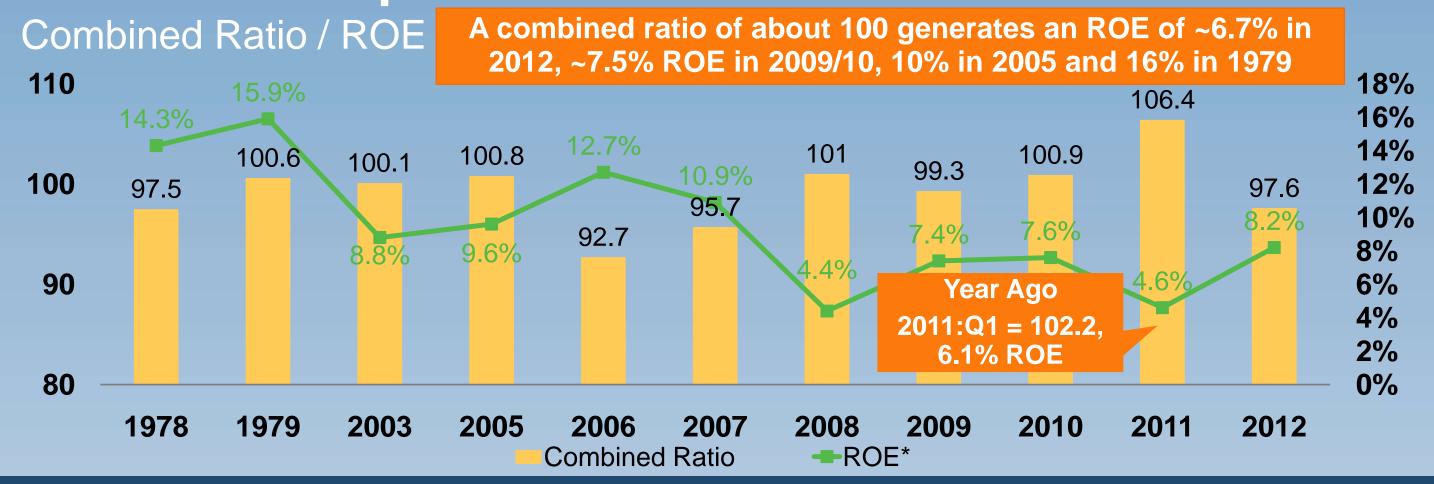




^{*} ROE figures are GAAP; ¹Return on avg. surplus. Excluding mortgage & financial guaranty insurers yields a 8.2% ROAS for 2012:Q1, 4.6% ROAS for 2011, 7.6% for 2010 and 7.4% for 2009. Sources: A.M. Best, ISO, Insurance Information Institute



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



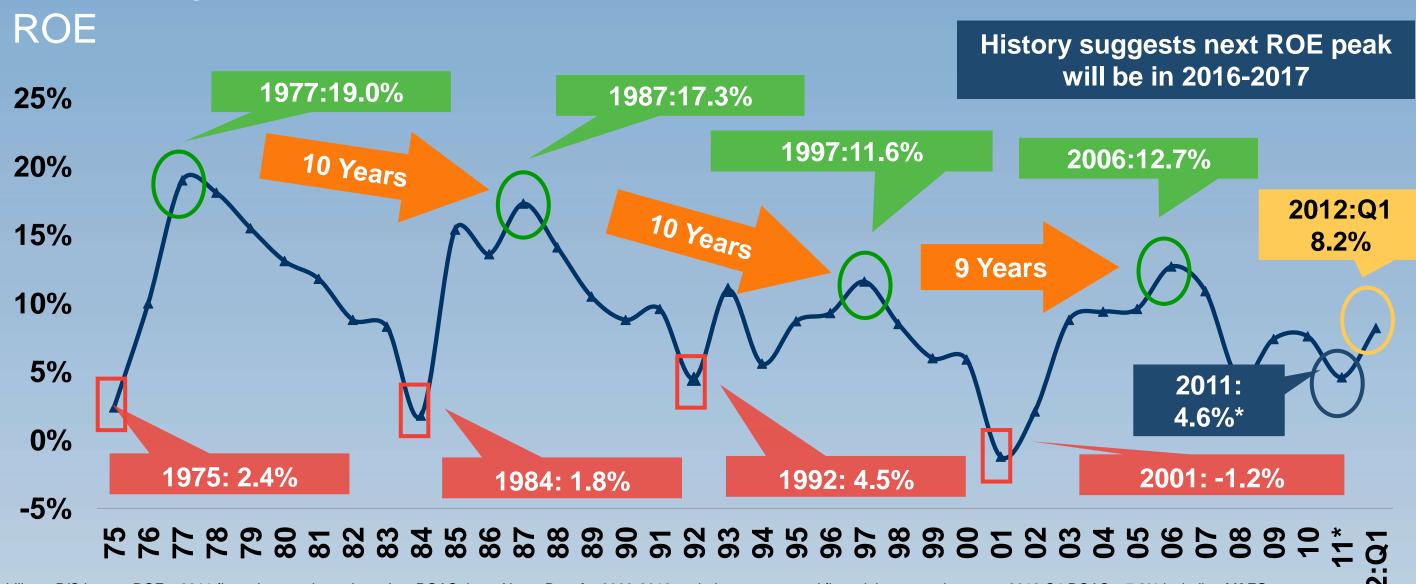
Combined ratios must be lower in today's depressed investment environment to generate risk appropriate ROEs

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



^{* 2008 - 2012} figures are return on average surplus and exclude mortgage and financial guaranty insurers. 2012:Q1 combined ratio including M&FG insurers is 99.0, ROAS = 7.2%; 2011 combined ratio including M&FG insurers is 108.2, ROAS = 3.5%.

Profitability Peaks & Troughs in the P/C Insurance Industry, 1975-2012:Q1*



*Profitability = P/C insurer ROEs. 2011 figure is an estimate based on ROAS data. Note: Data for 2008-2012 exclude mortgage and financial guaranty insurers. 2012:Q1 ROAS = 7.2% including M&FG. Source: Insurance Information Institute; NAIC, ISO, A.M. Best.



The BIG Question: When Will the Market Turn?

Are catastrophes and other factors pressuring insurance markets?



Criteria Necessary for a "Market Turn"

All Four Criteria Must Be Met

Criteria	Status	Comments
Sustained period of large underwriting losses	Early stage, inevitable	Apart from 2011 CAT losses, overall p/c underwriting losses remain modest
		 Combined ratios (ex-CATs) still in low 100s (vs. 110+ at onset of last hard market); CR= 97.6 in Q1:2012 (ex-M&FG)
		 Prior-year reserve releases continue to reduce underwriting losses, boost ROEs, though more modestly
Material decline in surplus / capacity	Entered 2011 at record high; only small decline	Surplus hit a record \$570.7 billion as of 3/31/12
		• Fell just 1.6% in 2011 due to CATs
		Will likely see new records later in 2012
		Little excess capacity remains in reinsurance markets
		 Modest growth in demand for insurance is insufficient to absorb much excess capacity
Tight reinsurance market	Somewhat in place	 Much of the global "excess capacity" was eroded by CATs
		Higher prices in Asia / Pacific
		Modestly higher pricing for US risks
Renewed underwriting & pricing discipline	Some firming esp. in property, WC	 Commercial lines pricing trends have turned from negative to flat and now positive, esp. property & WC;
		Competition remains intense as many seek to maintain market share

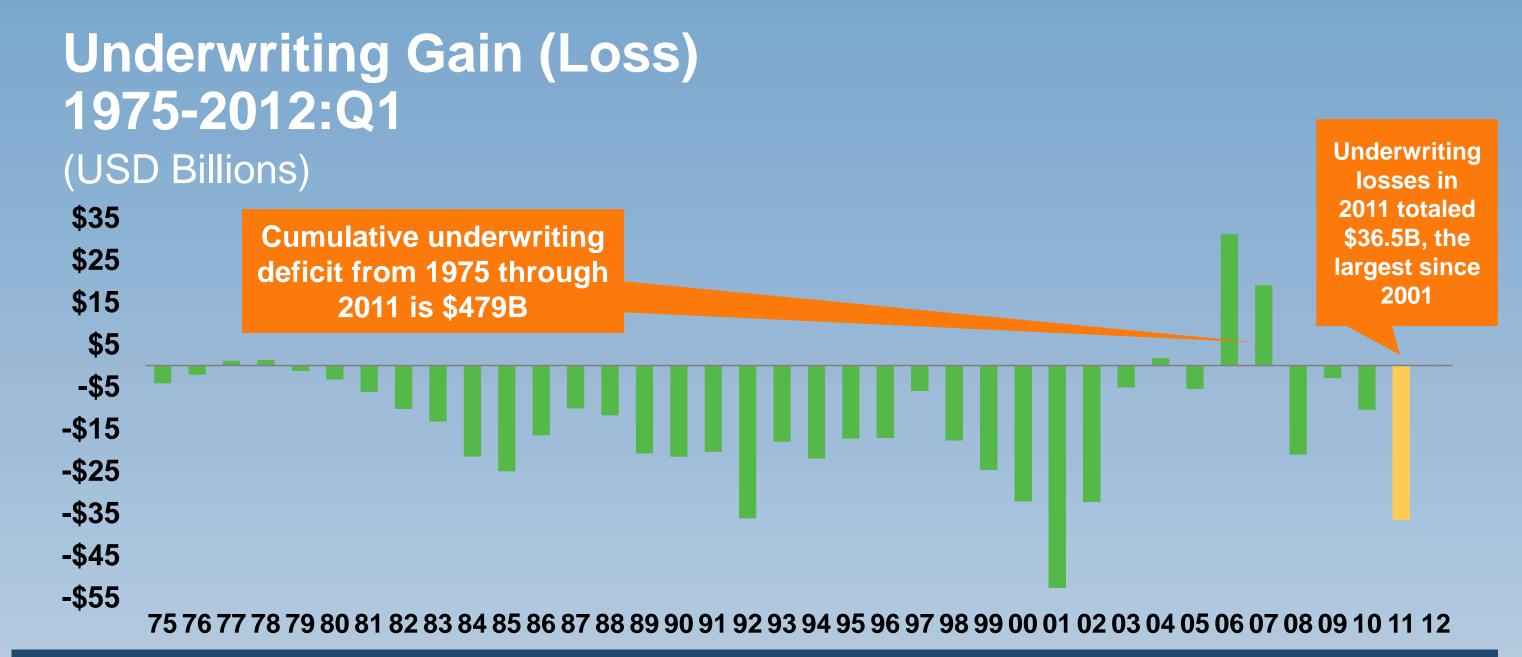
Sources: Barclays Capital; Insurance Information Institute.



Underwriting

Have underwriting losses been large enough for long enough to turn the market?



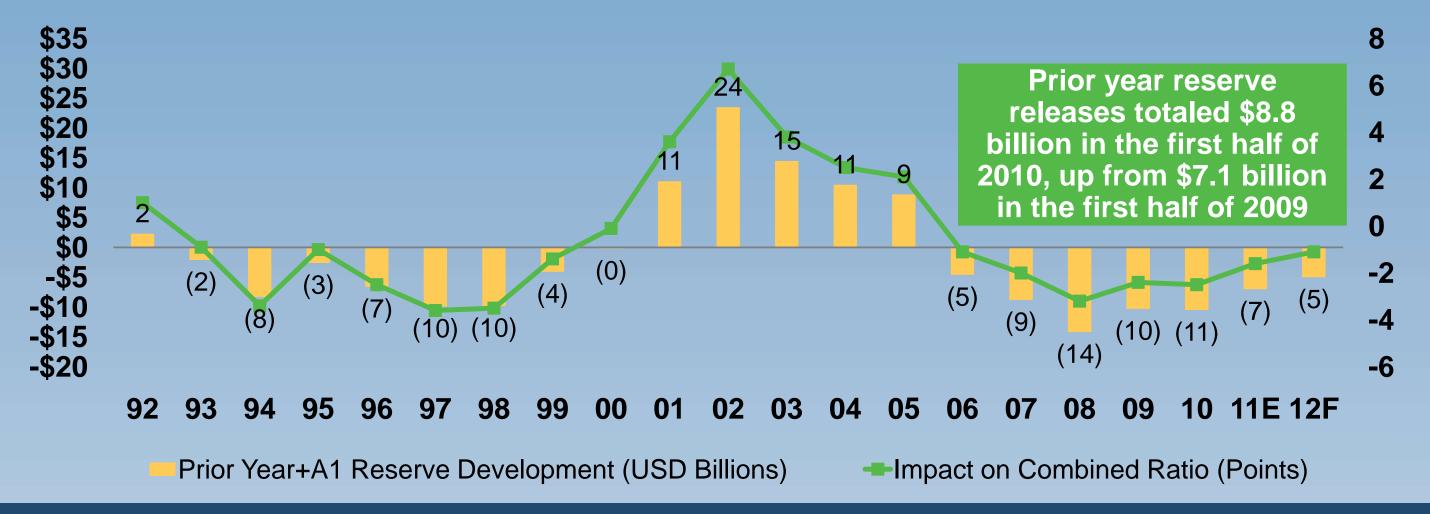


Large underwriting losses are NOT sustainable in current investment environment



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

P/C Reserve Development, 1992-2013F



Reserve releases remained strong in 2010 but tapered off in 2011. Releases are expected to further diminish in 2012 and 2103.

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.

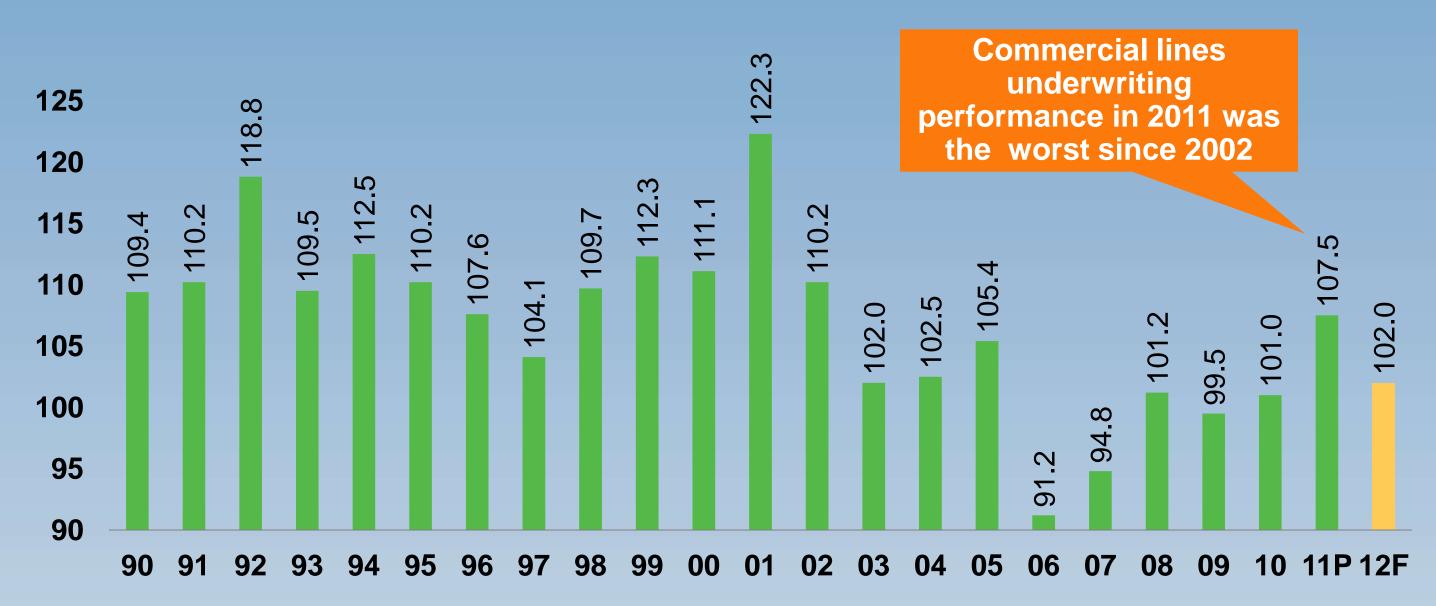
Sources: Barclays Capital; A.M. Best.



Performance by Segment



Commercial Lines Combined Ratio, 1990-2012F*



*2007-2012 figures exclude mortgage and financial guaranty segments. Source: A.M. Best; Insurance Information Institute



Workers' Compensation Combined Ratio: 1994-2012F



Workers' comp underwriting results are deteriorating markedly and the worst they have been in a decade

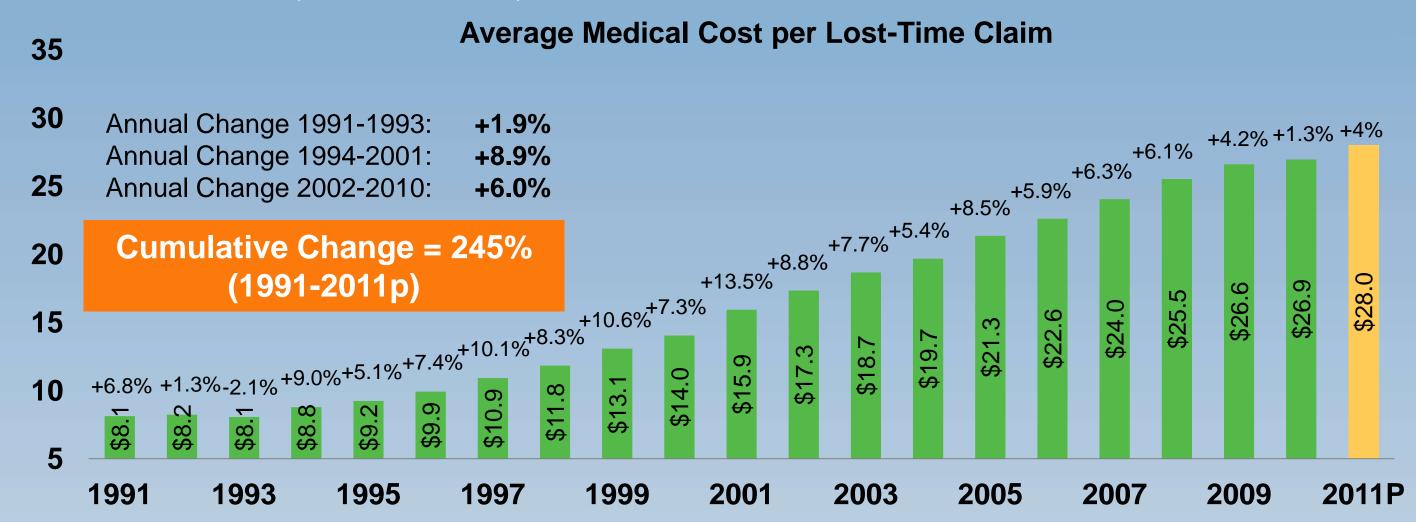
Sources: A.M. Best (1994-2010 all carriers); NCCI for 2011 (private carriers only); 2012 (all carriers) Insurance Information Institute.



Workers' Compensation Medical Severity

Moderate Increase in 2011

Medical Claim Cost (USD Thousands)



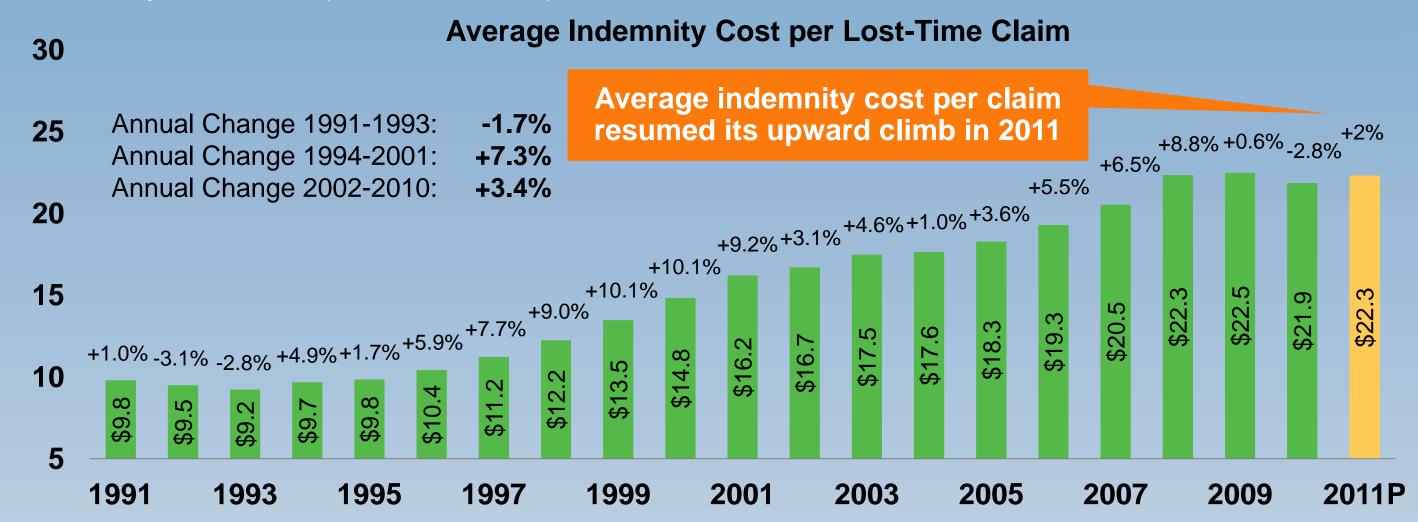
1991-2010: Based on data through 12/31/2010, developed to ultimate; 2011p: Preliminary based on data valued as of 12/31/2011 Based on the states where NCCI provides ratemaking services; excludes high deductible policies



Workers' Comp Indemnity Claim Costs

Modest Increase in 2011

Indemnity Claim Cost (USD Thousands)



1991-2010: Based on data through 12/31/2010, developed to ultimate; 2010p: Preliminary based on data valued as of 12/31/2011 Based on the states where NCCI provides ratemaking services; excludes high deductible policies



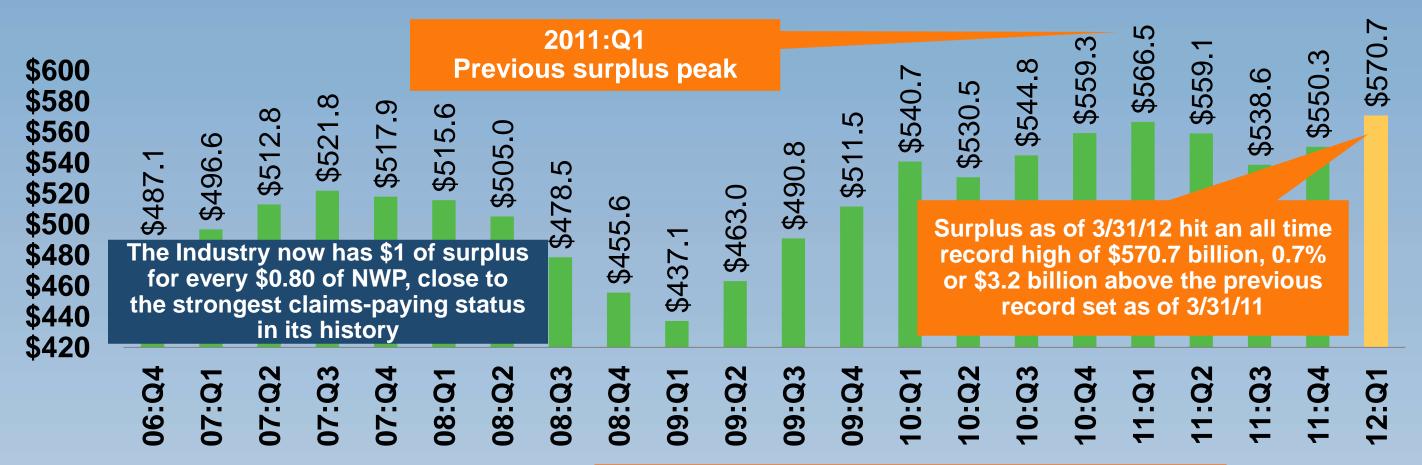
Surplus / Capital / Capacity

Have large global losses reduced capacity in the industry, setting the stage for a market turn?



Policyholder Surplus

2006:Q4-2012:Q1 (USD Billions)



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

Sources: ISO, A.M .Best.

Quarterly surplus changes since 2011:Q1 peak

11:Q2: -\$7.4B (-1.0%)

11:Q3: -\$27.9B (-4.6%)

11:Q4: -\$16.2B (-2.5%)

12:Q1: +\$3.2B (+0.7%)



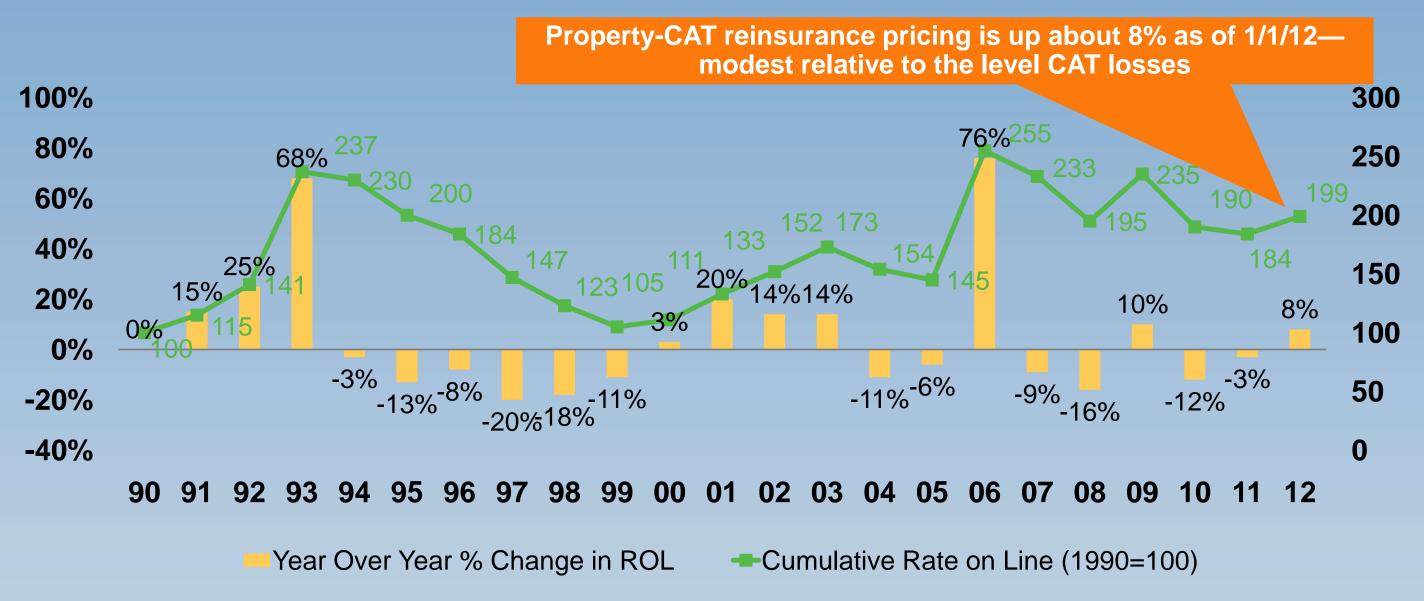
Reinsurance Market Conditions

Record global catastrophes activity is pressuring pricing



Global Property Catastrophe Rate on Line Index

1990-2012 (as of January 1)



Sources: Guy Carpenter; Insurance Information Institute.

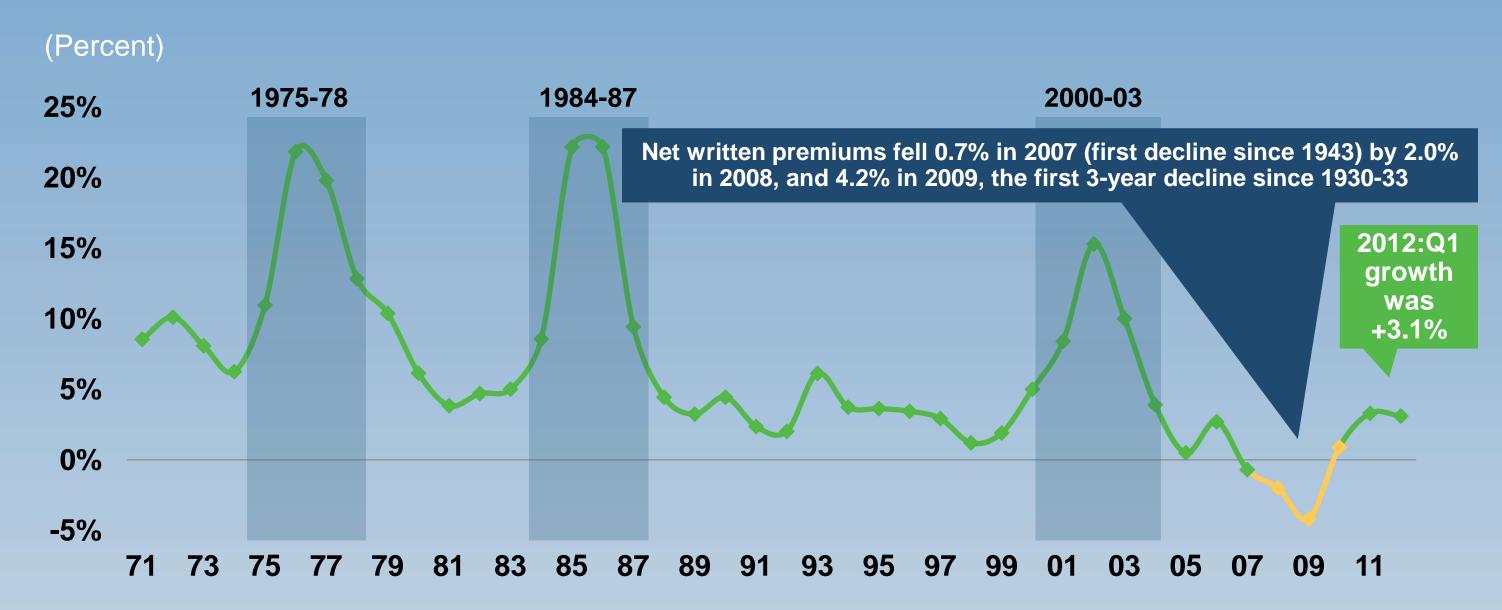


Renewed Pricing Discipline

Is there evidence of a broad and sustained shift in pricing?



Premium Growth Is Up Modestly: More in 2012?



Shaded areas denote "hard market" periods

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



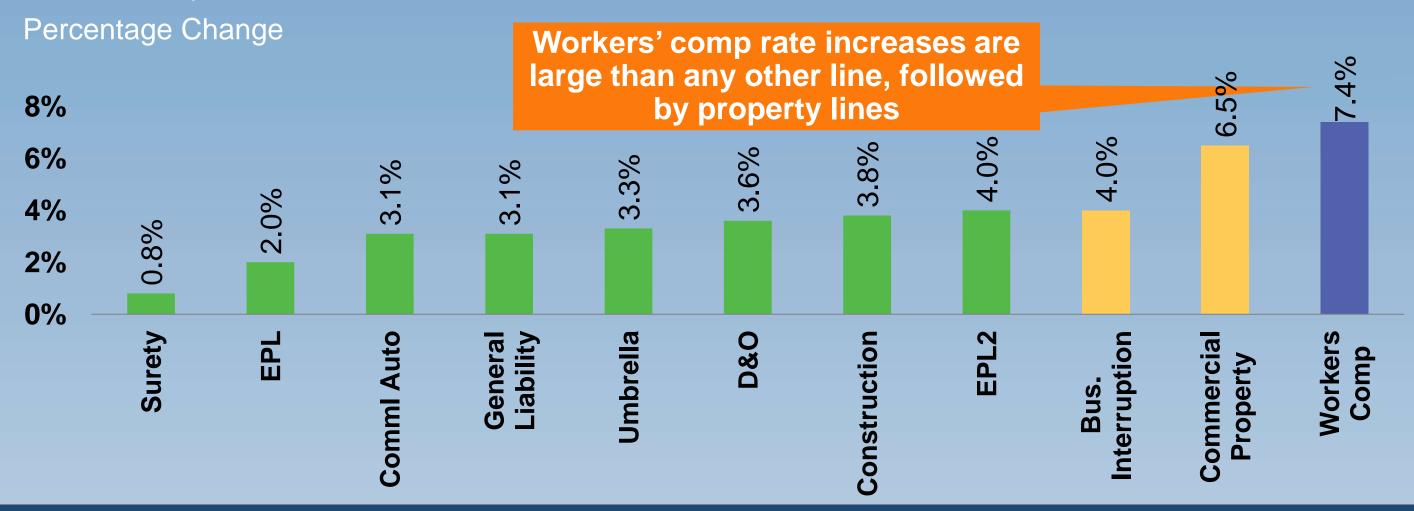
Average Commercial Rate Change, All Lines



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



Change in Commercial Rate Renewals, by Line 2012:Q1



Major commercial lines renewed uniformly upward in Q1:2012 for only the third time since 2003; property lines & workers' comp leading the way

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



Investments:The New Reality

Investment performance is a key driver of profitability. Does it influence underwriting or cyclicality?



Property/Casualty Insurance Industry Investment Income: 2000-2012F¹

(USD Billions)



Investment income in 2011 was surprisingly strong, though investment income is likely to weaken in 2012 due to persistently low interest rates



¹ Investment gains consist primarily of interest and stock dividends.

^{*2012}F is based on annualized Q1:2012 actual figure of \$11.656 billion.

Sources: ISO; Conning Research & Consulting; Insurance Information Institute.

US 10-Year Treasury Note Yields: A Long Downward Trend, 1990-2012*

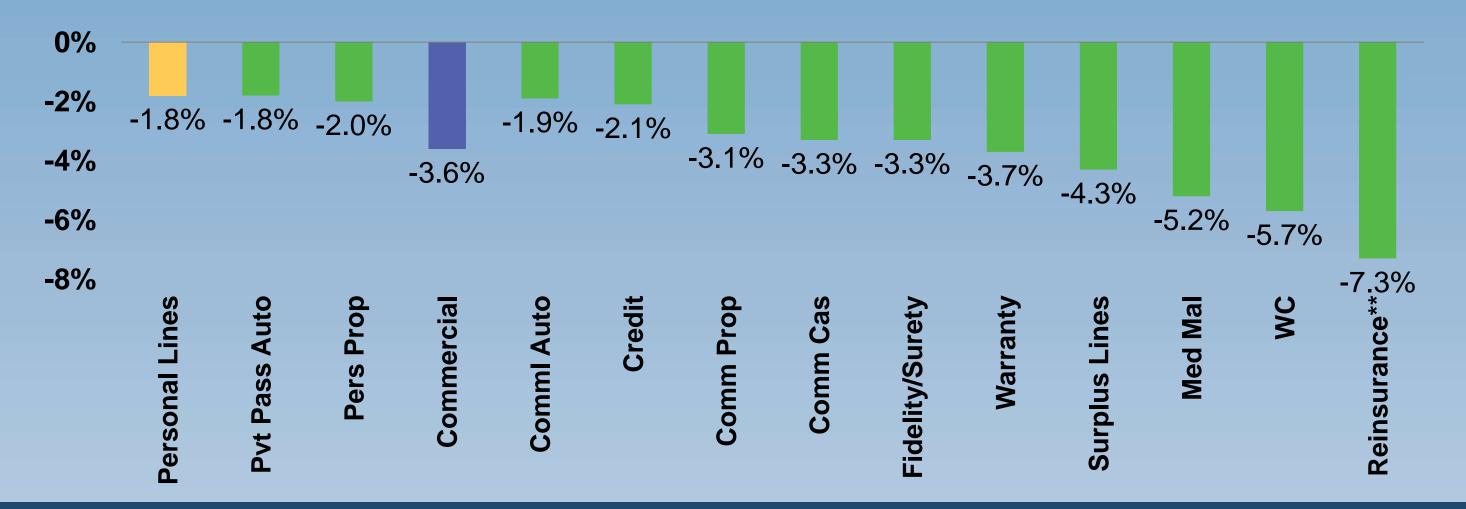


Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, most P/C insurer portfolios will have low-yielding bonds for years to come

*Monthly, through June 2012. 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.



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

US Insured Catastrophe Loss Update

2012 catastrophe losses were close to "average" in the first half of 2012

2011 was the fifth most expensive year on record



The Past Year Has Not Been Kind to Insurers or Utilities



Hurricane Irene: Aug. 27-29, 2011

Insured losses: \$4.3 billion
Customers w/o power:
5 million



<u>Derecho:</u> <u>June 29, 2012</u>

Insured losses: ~\$1+ billion Customers w/o power: 3.7 million



"Snowtober" Blizzard:
Oct. 29, 2011

Insured losses: ~\$1 billion

Customers w/o power: 2.7 million

Source: Insurance Information Institute research.

US Catastrophe Loss Summary

First Half 2012

- \$9.3 billion in *insured* losses in the US arising from 90 CAT events
 - Down 62% from \$24.4 billion in 2011:H1; loss is close to long-term average
 - Represents 80%+ of global total
 - Mild winter helped keep first half losses down
 - Thunderstorm (includes tornado, hail and wind damage) accounted for \$8.8 billion or 95% of first half insured losses and represents the third most expensive spring thunderstorm ever
- \$14.6 billion in economic losses in the US
 - Down from approximately \$75 billion in 2011:H1
- Mild winter helped keep first half insured losses down
 - Lack of heavy precipitation limited spring flood but exacerbated drought conditions

Source: Munich Re; Insurance Information Institute.



US Catastrophe Loss Summary

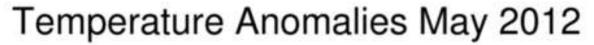
First Half 2012

- Severe droughts now impacting Central and Southwest parts of US
 - Two major wildfires in Colorado in June caused record damage in the state from the peril (\$450 million in insured losses)
 - Largest wildfire in New Mexico history occurred in May
 - Insured crop losses could be high in 2012
- Active early hurricane season
 - Tropical Storms Beryl and Debby caused minor wind damage and extensive flooding in Florida

Source: Munich Re; Insurance Information Institute.

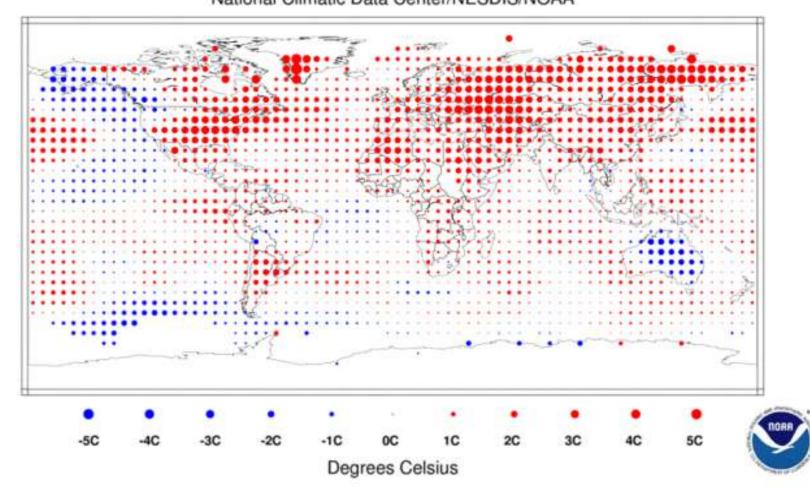


Global Temperature Anomolies, May 2012



(with respect to a 1971-2000 base period)

National Climatic Data Center/NESDIS/NOAA



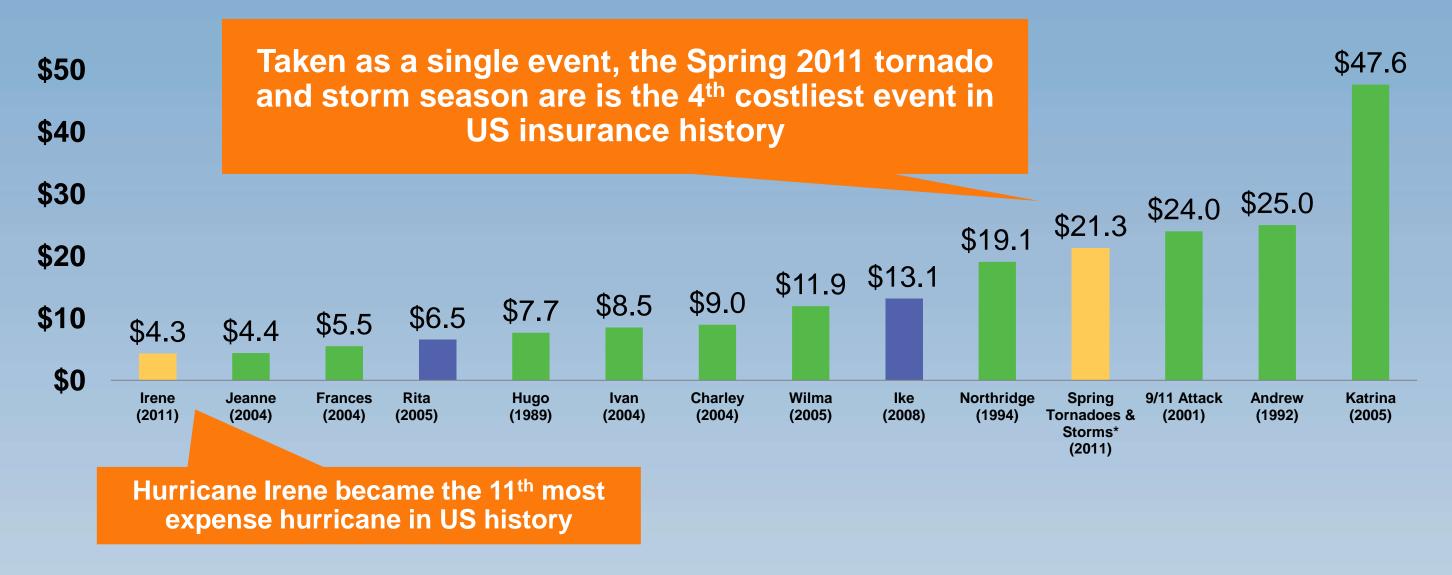
Northern hemisphere land and ocean temperature for May 2012 was the all-time warmest on record, at 0.85 degrees C (1.53 degrees F) above average

Source: NOAA



Top 14 Most Costly Disasters in US History

(Insured Losses, 2011 USD Billions)



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



Natural Disaster Losses in the United States

First Half 2012

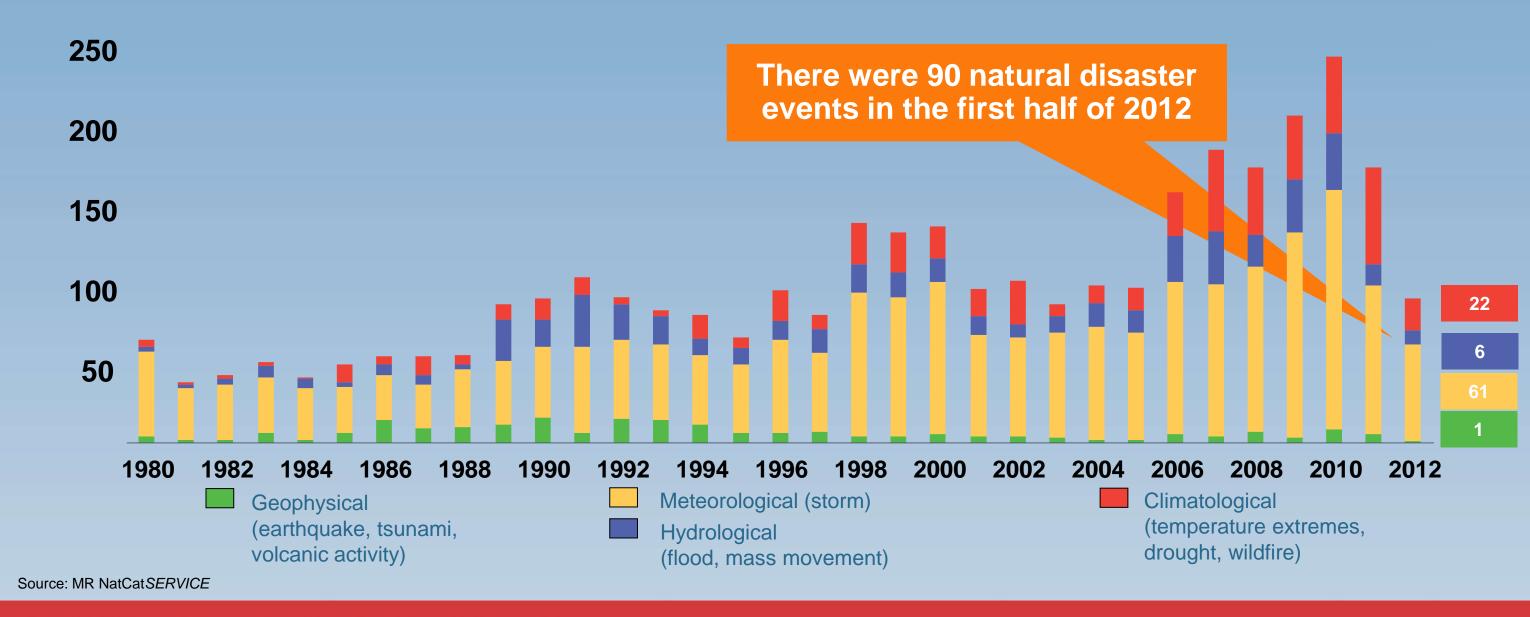
As of July 1, 2012	Number of Events	Fatalities	Estimated Overall Losses (US \$m)	Estimated Insured Losses (US \$m)
Severe Thunderstorm	56	69	13,550	8,760
Winter Storm	3	3	80	38
Flood	6	0	12	Minor
Earthquake	1	0	0	0
Tropical Cyclone	2	1	100	50
Wildfire	22	6	875	500
Totals	90	79	14,617	9,348

Source: MR NatCatSERVICE



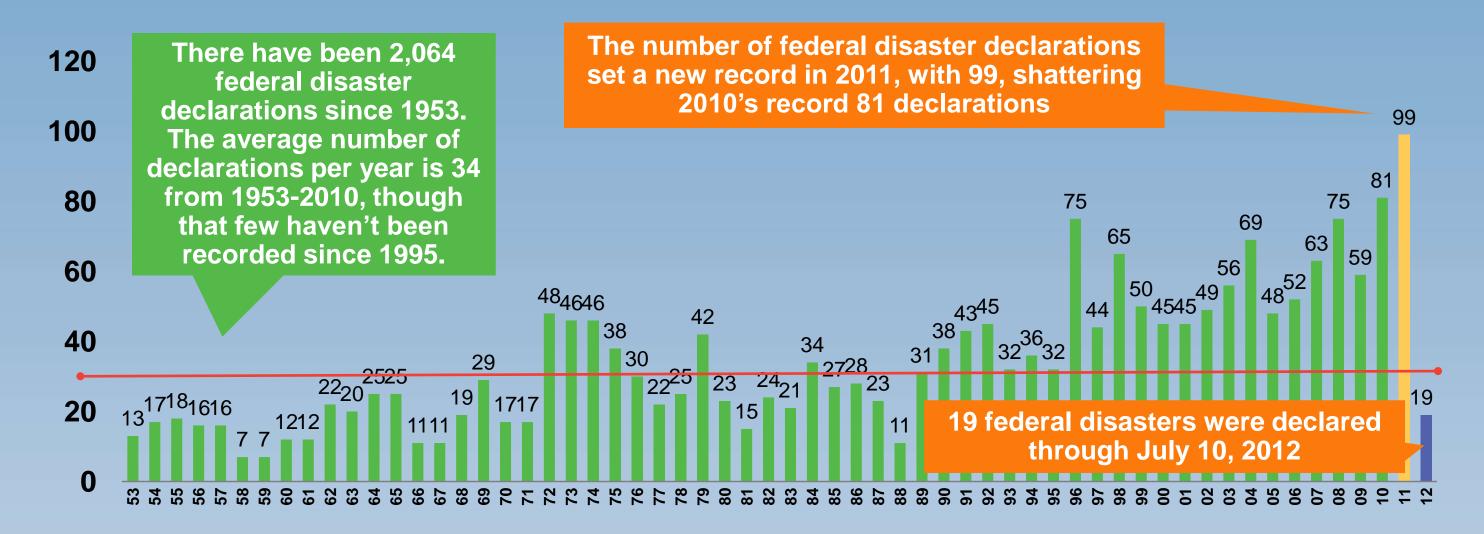
Natural Disasters in the United States

Number of Events (Annual Totals 1980-2011 and First Half 2012)





Number of Federal Disaster Declarations, 1953-2012*



The number of Federal Disaster Declarations is rising and set new records in 2010 and 2011

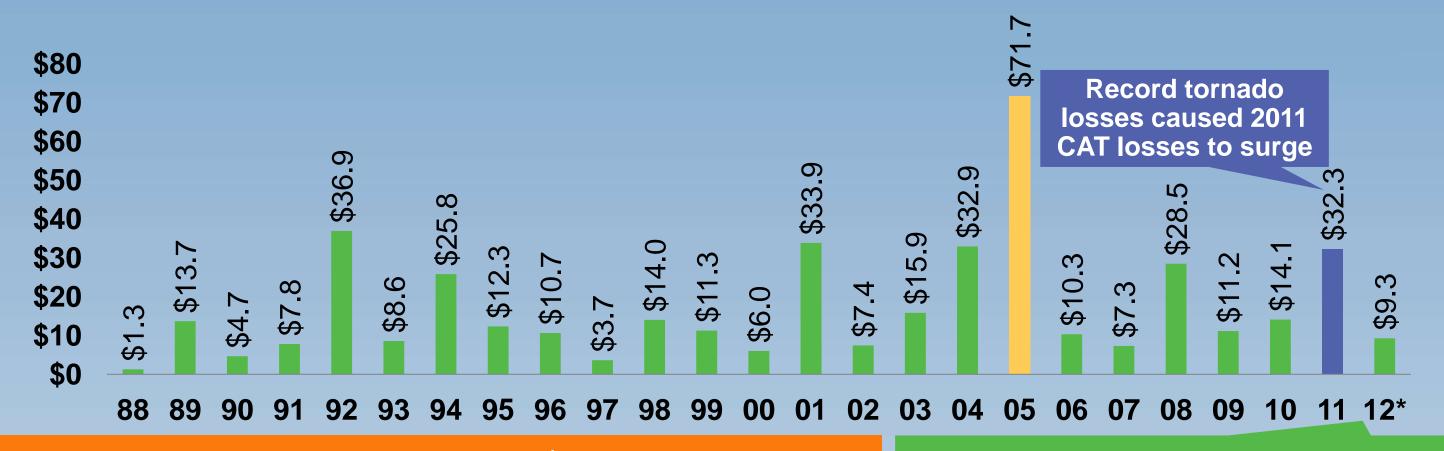
Source: Federal Emergency Management Administration: http://www.fema.gov/news/disaster_totals_annual.fema; Insurance Information Institute.



^{*}Through July 10, 2012.

US Insured Catastrophe Losses

(USD Billions, 2011)



US CAT losses in 2011 were the 5th highest in US history on an inflation-adjusted basis

H1 2012 CAT losses were down \$15.1 billion or 62% from \$24.4 billion in H1 2011

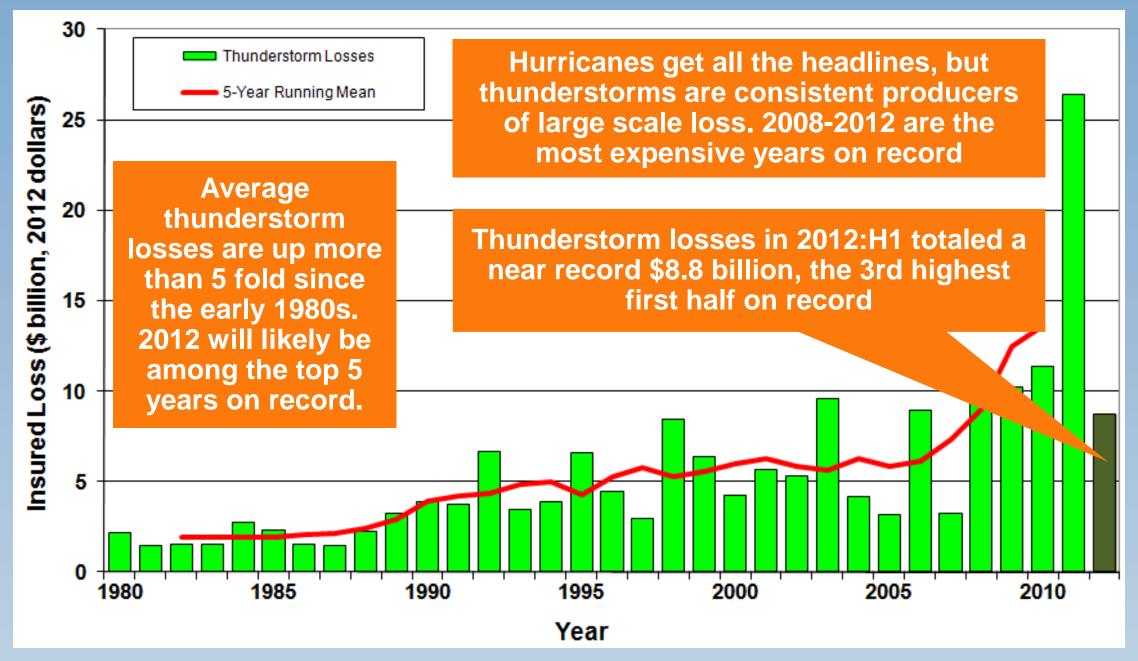
Note: 2001 figure includes \$20.3B for 9/11 losses reported through 12/31/01 (\$25.9B 2011 dollars). Includes only business and personal property claims, business interruption and auto claims. Non-prop/BI losses = \$12.2B (\$15.6B in 2011 dollars.)

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



^{*}Munich Re figure for H1 2012.

US Thunderstorm Loss Trends, 1980-2012:H1



Source: Property Claims Service, MR NatCatSERVICE



June 29, 2012 Derecho: Traveled 600 Miles from **Midwest to Mid-Atlantic**

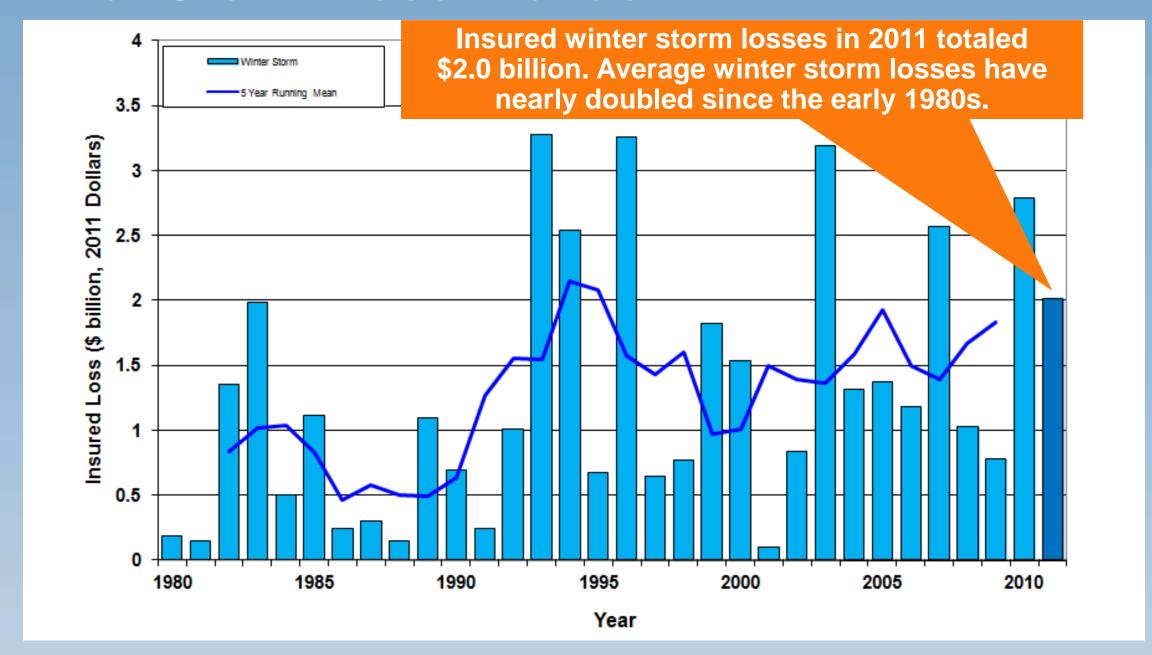
10-hour Radar Composite (2pm-Midnight)



Source: National Weather Service: http://www.spc.noaa.gov/wcm/2012/20120629-derecho.png



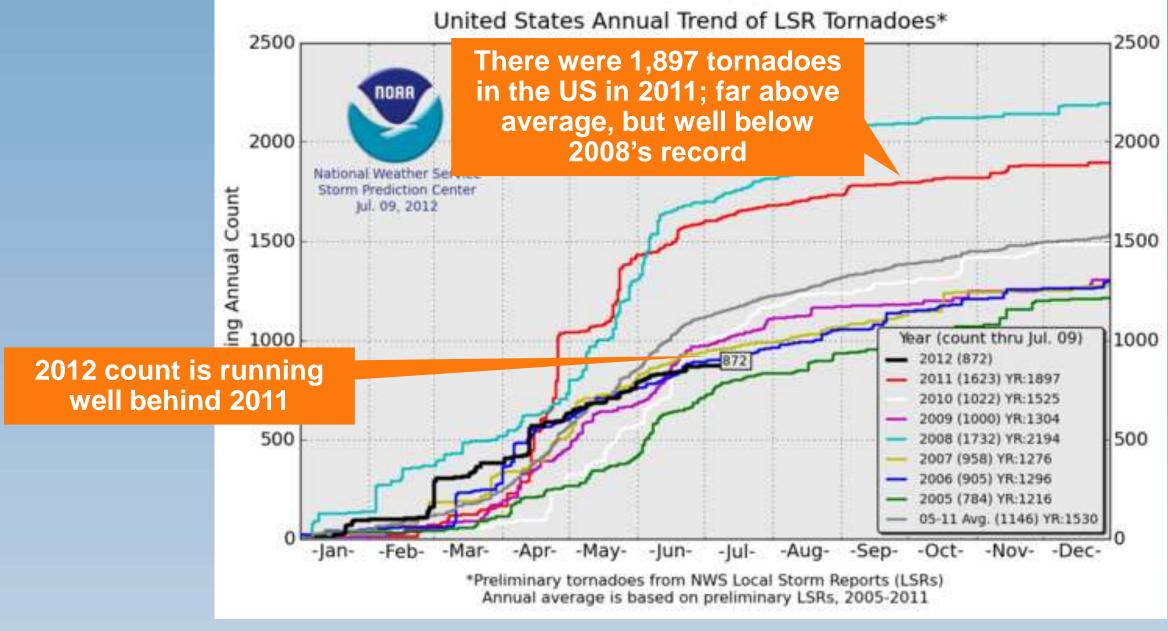
US Winter Storm Loss Trends



Source: Property Claims Service, MR NatCatSERVICE



US Tornado Count, 2005-2012*

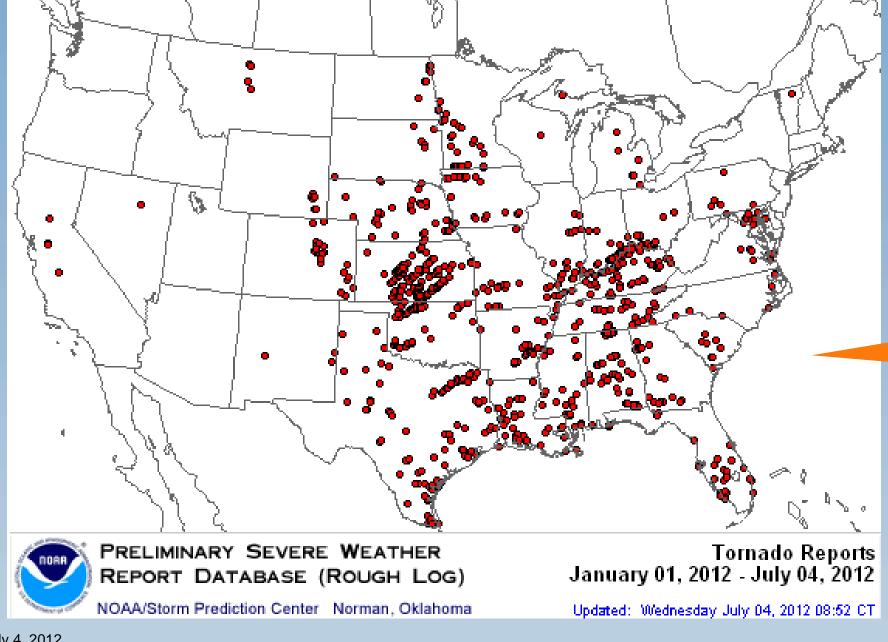


*Through July 9, 2012.

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



Location of Tornadoes in the US, 2012*



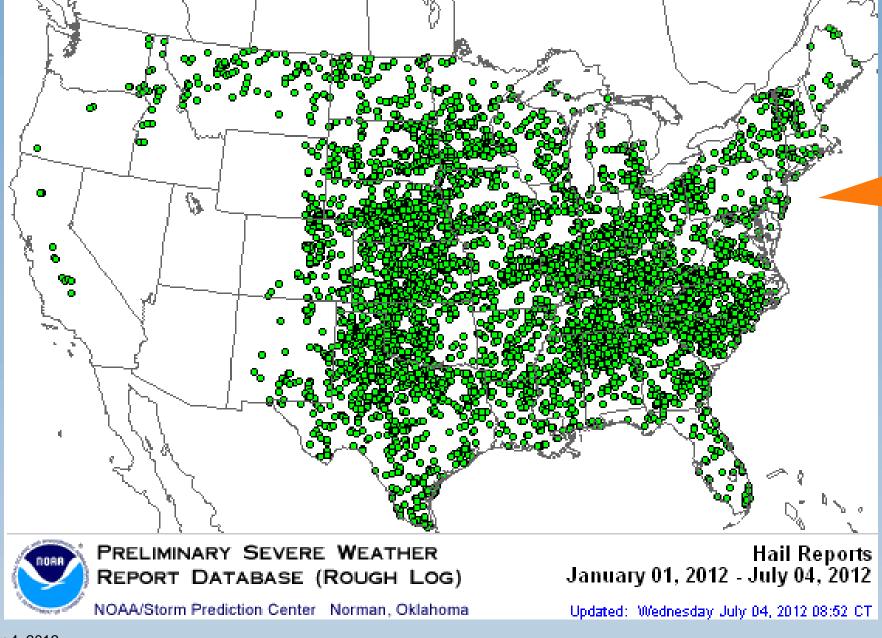
874 tornadoes killed 68 people through July 4

*Through July 4, 2012.

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



Location of Large Hail Reports in the US, 2012*



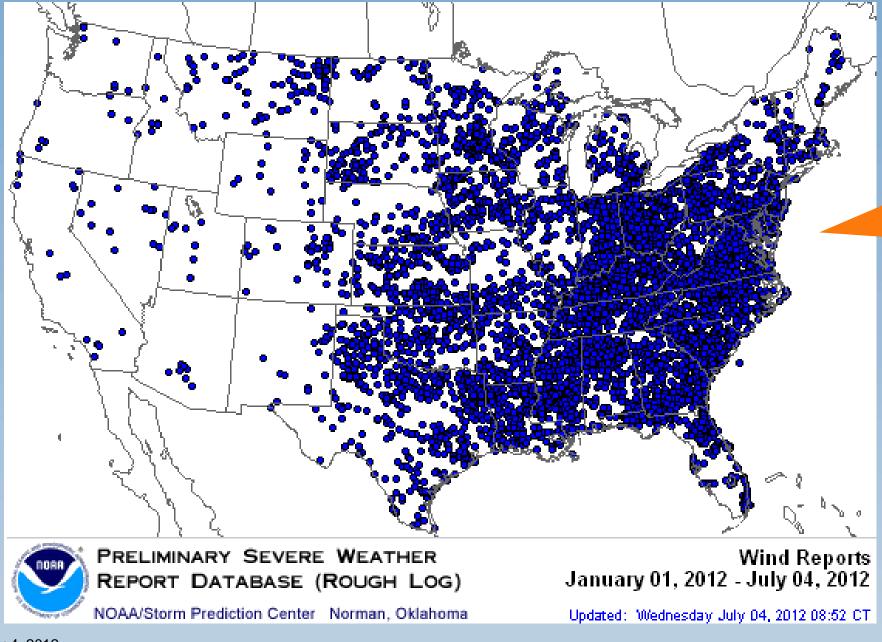
There were 5,452 "large hail" reports through July 4, 2012, causing extensive damage to homes, businesses and vehicles

*Through July 4, 2012.

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



Location of Wind Damage Reports in the US, 2012*



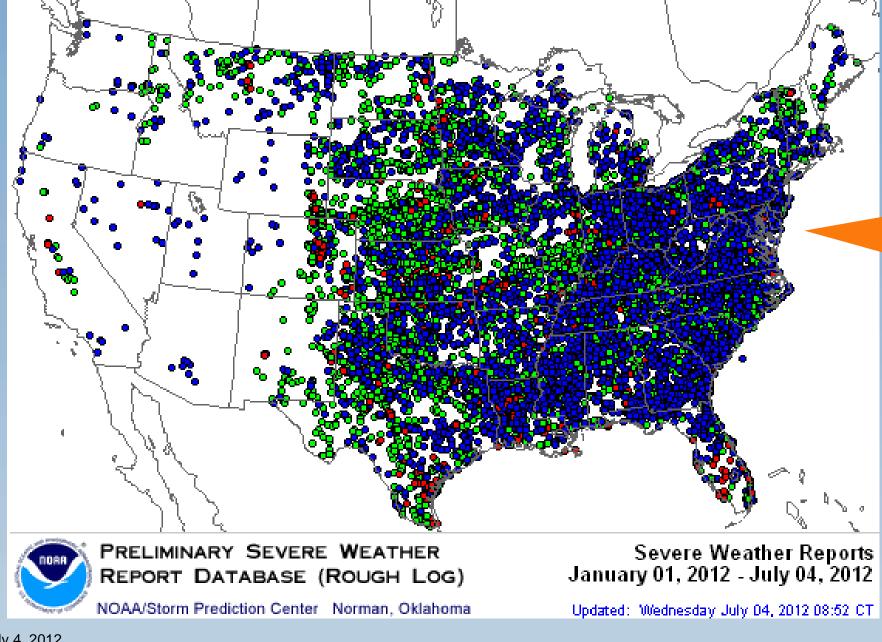
There were 6,851 "wind damage" reports through July 4, causing extensive damage to homes and businesses

*Through July 4, 2012.

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



Severe Weather Reports, 2012*



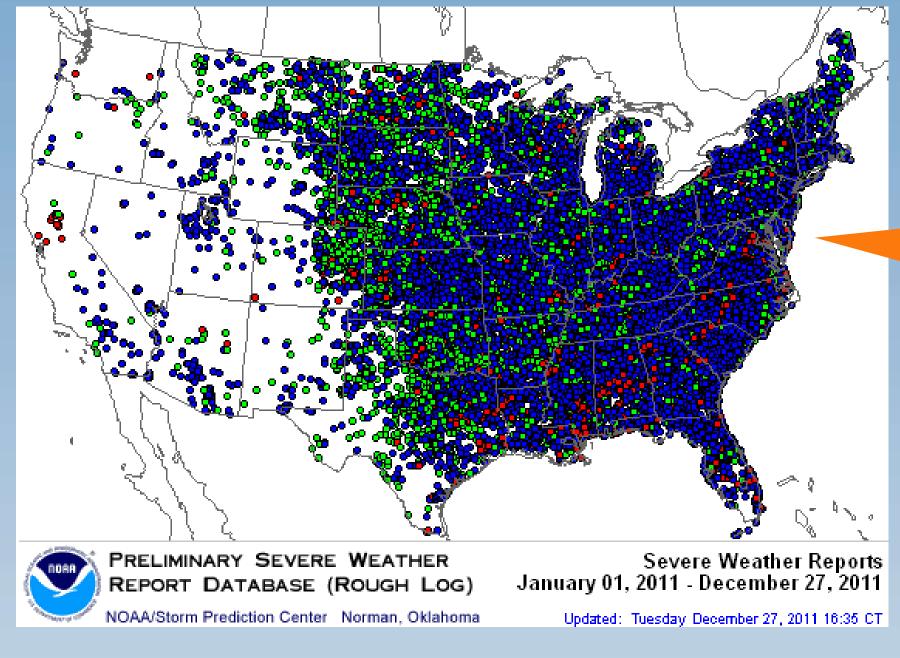
There were already 13,177
severe weather reports
through July 4; including
874 tornadoes; 5,452 "large
hail" reports and 6,851
high wind events

*Through July 4, 2012.

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



Severe Weather Reports, 2011



There were 29,996 severe weather reports in 2011; including 1,894 tornadoes; 9,417 "large hail" reports and 18,685 high wind events

Source: NOAA Storm Prediction Center; http://www.spc.noaa.gov/climo/online/monthly/2011_annual_summary.html



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