

# Insurance in the Obama Era: The Road Ahead in the Post-Crisis World

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### **Reasons for Optimism in the Overall P/C INFORMATION Insurance Industry & Workers Comp Line**

- Economic Recovery is Self-Sustaining: No Double Dip Recession
- Era of Mass Exposure Destruction Has Ended, Including WC Payroll Loss
- No Secondary Spike in Unemployment or Swoon in Payrolls/WC Exposure
  - But wage growth remains sluggish
- Exposure Growth Will Begin in Earnest in 2<sup>nd</sup> Half 2010, Accelerate in 2011
- Increase in Demand for Commercial Insurance is in its Earliest Stages and Will Accelerate in 2011, Including Workers Compensation
- P/C Insurance Industry Will See Growth in 2011 for the First Time Since 2006
- **Investment Environment Is/Remains Much More Favorable** 
  - Volatility, however, will persist and yields remain low
  - Both are critical issues in long-tailed lines like workers comp
- P/C Insurance Industry Capacity as of 3/31/10 Has Recovered 100%+ of the **Capital Lost During the Financial Crisis** 
  - As of 12/31/09 capacity was within 2% of pre-crisis high
- Financial Strength & Ratings of Global (Re)Insurance Industries Remained Strong Throughout the Financial Crisis in Sharp Contrast With Banks
- Insurers Have Avoided (So Far) the Most Draconian Outcomes in Financial Services Reform Legislation Source: Insurance Information Institute.

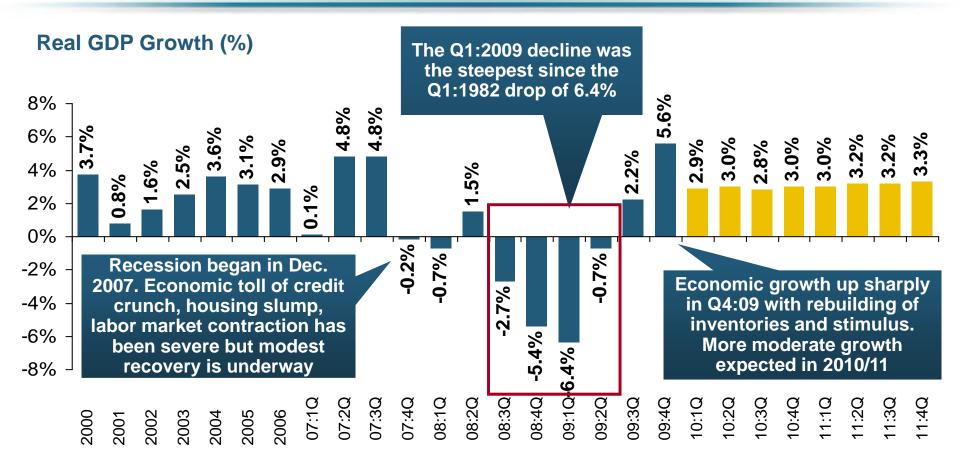


# **The Economic Storm**

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

# **Real GDP Growth\***





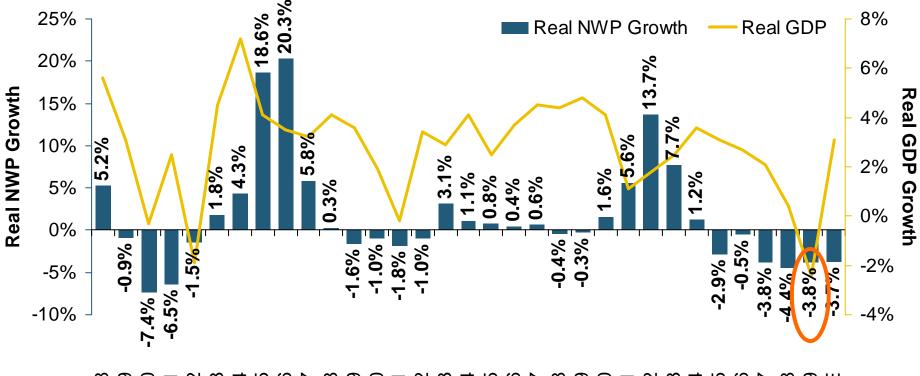
### Commercial Lines Exposure Base Was Hit Hard, Including Workers Comp and Will Be Slow to Come Back

\* Estimates/Forecasts from Blue Chip Economic Indicators.

Source: US Department of Commerce, Blue Economic Indicators 4/10; Insurance Information Institute.

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





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

Sources: A.M. Best, US Bureau of Economic Analysis, Blue Chip Economic Indicators, 4/10; Insurance Information Institute

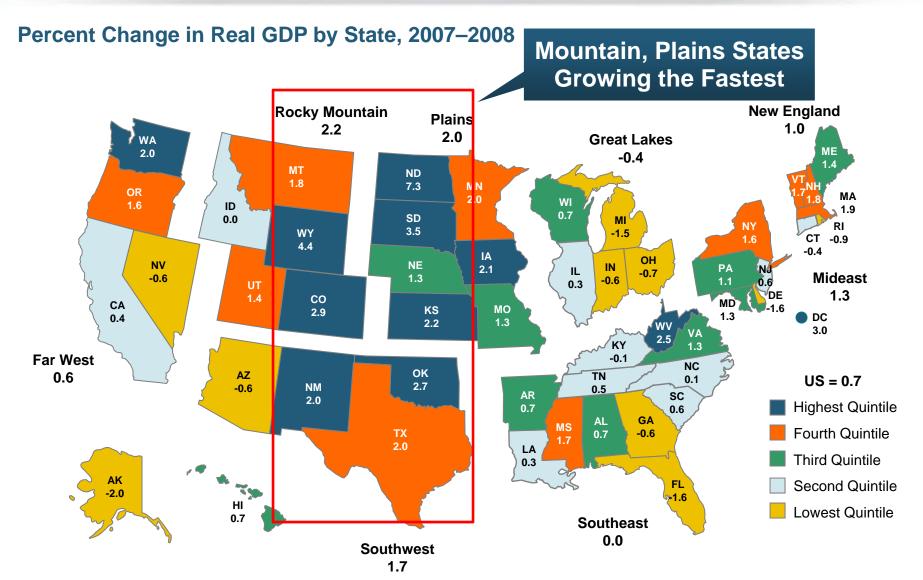


Regional Differences Will Significantly Impact P/C Markets and Growth Opportunities in WC

Recovery in Some Areas Will Begin Years Ahead of Others and Speed of Recovery Will Differ by Orders of Magnitude

# State Economic Growth Varied Tremendously in 2008



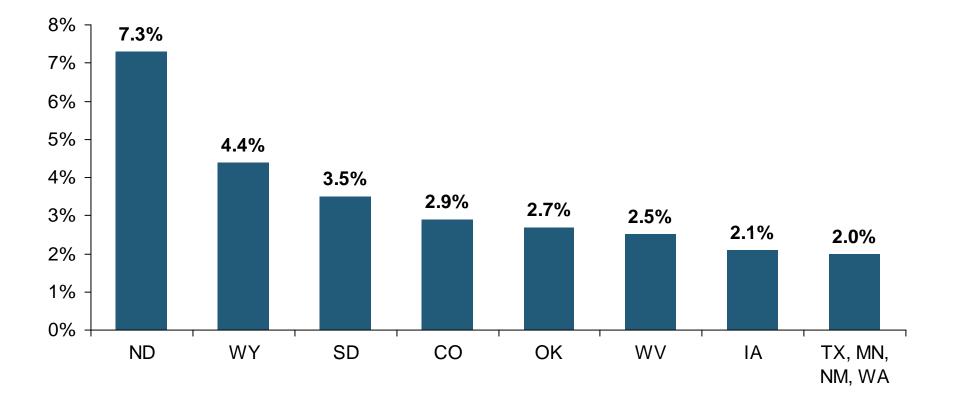


US Bureau of Economic Analysis

# Fastest Growing States in 2008: Plains, Mountain States Lead



#### **Real State GDP Growth (%)**



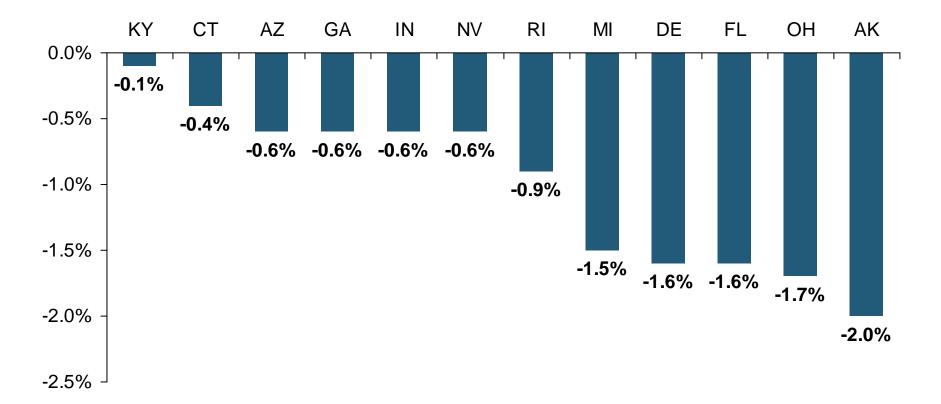
### Natural Resource and Agricultural States Have Done Better Than Most Others Recently, Helping Insurance Exposure in Those Areas

Source: US Bureau of Economic Analysis; Insurance Information Institute.

# **Slowest Growing States in 2008:** Diversity of States Suffering







#### States in the North, South, East and West All Represented Among Hardest Hit, But for Differing Reasons

Source: US Bureau of Economic Analysis; Insurance Information Institute.



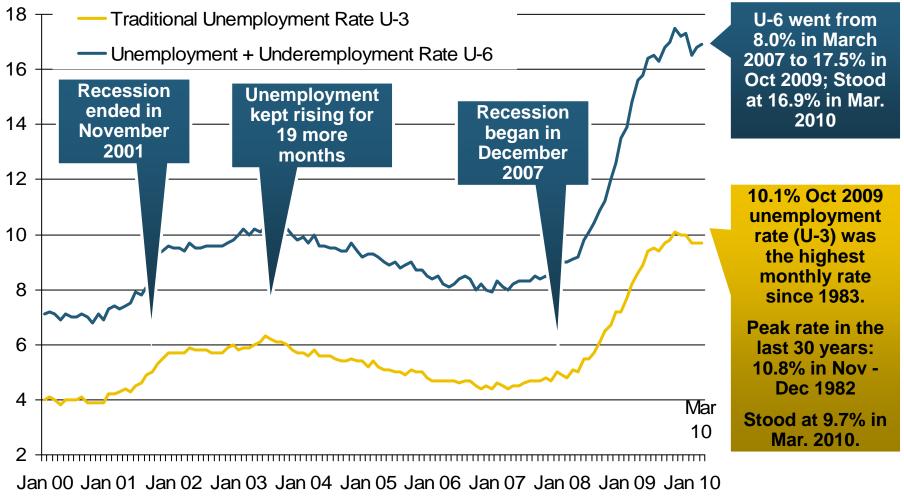
# **Labor Market Trends**

# Massive Job Losses Sapped the Workers Comp Exposure Base, but Improvements Are on the Horizon

# Unemployment and Underemployment Rates: Beginning to Improve in 2010



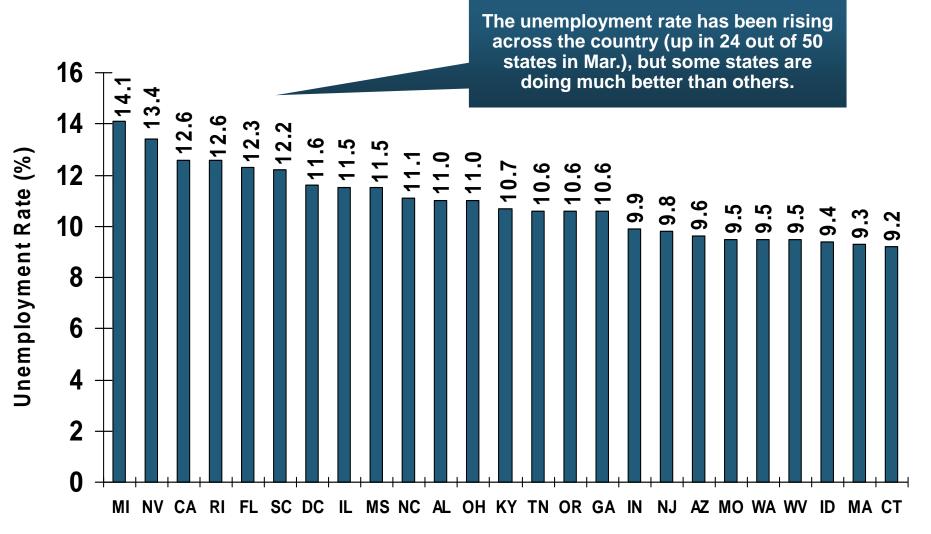
January 2000 through March 2010, Seasonally Adjusted (%)



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

### Unemployment Rates by State, March 2010: Highest 25 States\*



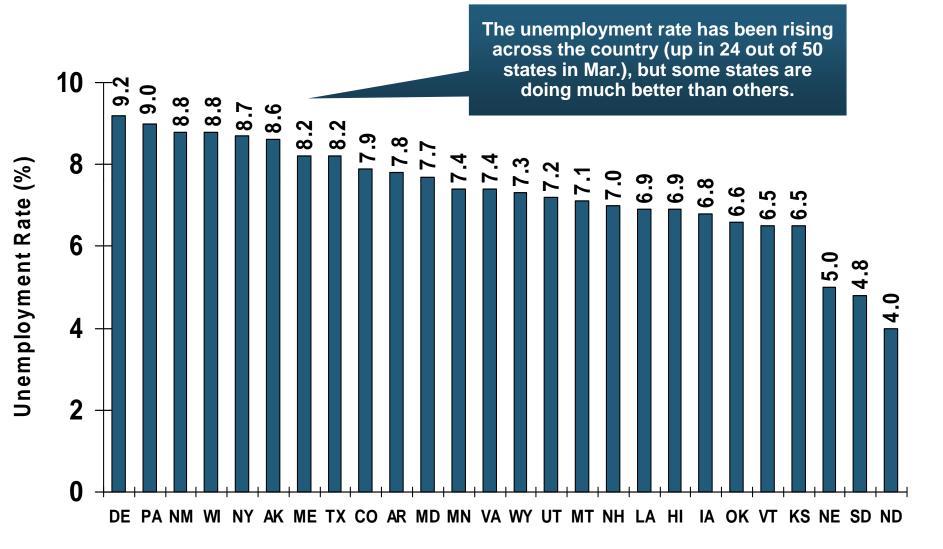


\*Provisional figures for March 2010, seasonally adjusted.

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

### Unemployment Rates By State, March 2010: Lowest 25 States\*



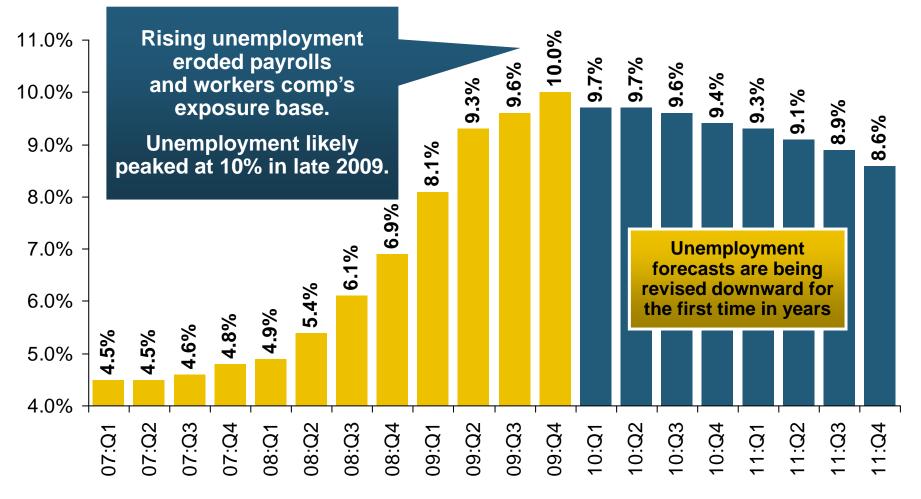


\*Provisional figures for March 2010, seasonally adjusted. Sources: US Bureau of Labor Statistics; Insurance Information Institute.

# **US Unemployment Rate**



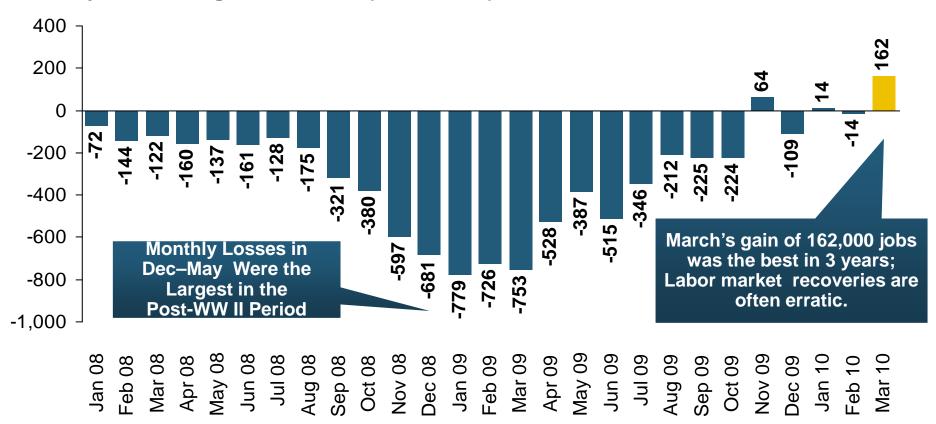
#### 2007:Q1 to 2011:Q4F\*



\* \_\_\_\_\_ = actual; \_\_\_\_\_ = forecasts Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators (4/10); Insurance Information Institute

# **Monthly Change Employment\***

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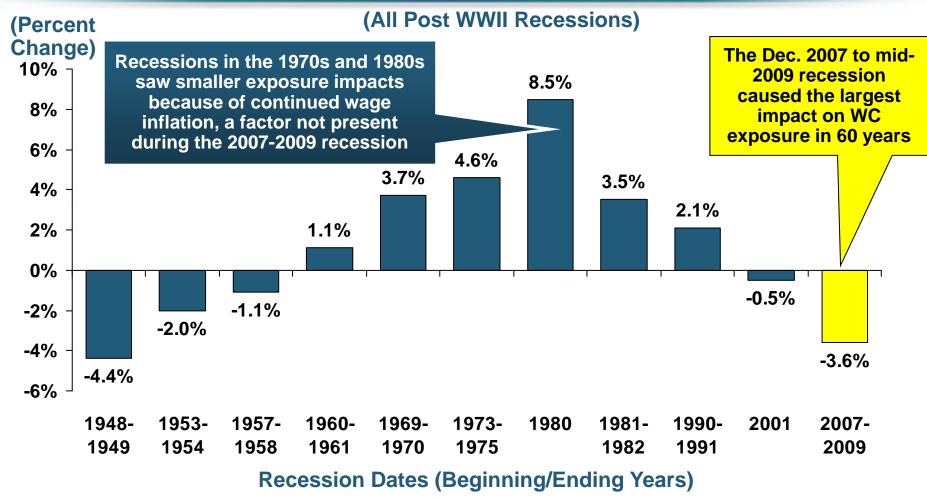
#### January 2008 through March 2010 (Thousands)

Job Losses Since the Recession Began in Dec. 2007 Total 8.4 Million; 14.9 Million People are Now Defined as Unemployed

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

### Estimated Effect of Recessions\* on Payroll (Workers Comp Exposure)

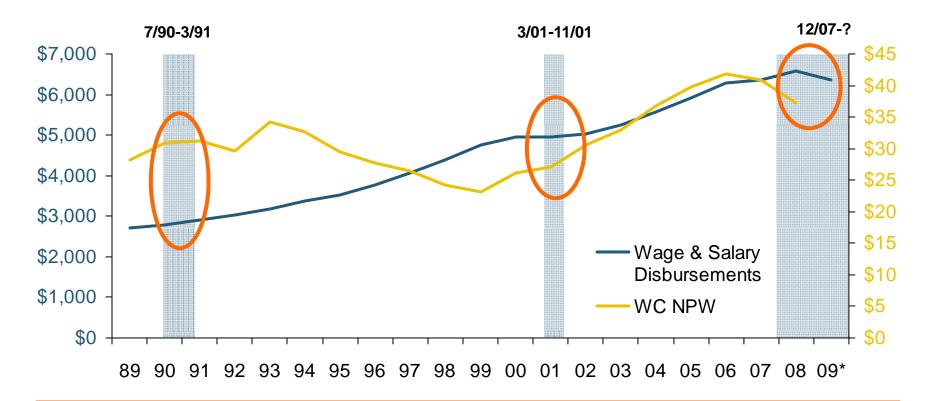




\*Data represent maximum recorded decline over 12-month period using annualized quarterly wage and salary accrual data Source: Insurance Information Institute research; Federal Reserve Bank of St. Louis (wage and salary data); National Bureau of Economic Research (recession dates).

### Wage & Salary Disbursements (Payroll Base) vs. Workers Comp Net Written Premiums

#### Wage & Salary Disbursement (Private Employment) vs. WC NWP (\$ Billions)



#### Weakening Payrolls Have Eroded \$2B+ in Workers Comp Premiums

\* Average Wage and Salary data as of 10/1/2009. Shaded areas indicate recessions Source: US Bureau of Economic Analysis; Federal Reserve Bank of St. Louis at http://research.stlouisfed.org/fred2/series/WASCUR; I.I.I. Fact Books INSURANC



# Where Will the Growth in WC Exposure Come From?

# Industry and Occupation Growth Analysis

### Fastest Growing Occupations, 2008–2018: Health/Science/Tech Dominate

		Number	WC exposure growth will be the fastest in the health, science and tech areas		
Occupations	Percent change	of new jobs <i>(in thousands)</i>	Wages (May 2008 median)	Education/training category	
Biomedical engineers	72	11.6	\$ 77,400	Bachelor's degree	
Network systems and data communications analysts	53	155.8	71,100	Bachelor's degree	
Home health aides	50	460.9	20,460	Short-term on-the-job training	
Personal and home care aides	46	375.8	19,180	Short-term on-the-job training	
Financial examiners	41	11.1	70,930	Bachelor's degree	
Medical scientists, except epidemiologists	40	44.2	72,590	Doctoral degree	
Physician assistants	39	29.2	81,230	Master's degree	
Skin care specialists	38	14.7	28,730	Postsecondary vocational award	
Biochemists and biophysicists	37	8.7	82,840	Doctoral degree	
Athletic trainers	37	6.0	39,640	Bachelor's degree	
Physical therapist aides	36	16.7	23,760	Short-term on-the-job training	
Dental hygienists	36	62.9	66,570	Associate degree	
Veterinary technologists and technicians	36	28.5	28,900	Associate degree	
Dental assistants	36	105.6	32,380	Moderate-term on-the-job training	
Computer software engineers, applications	34	175.1	85,430	Bachelor's degree	
Medical assistants	34	163.9	28,300	Moderate-term on-the-job training	
Physical therapist assistants	33	21.2	46,140	Associate degree	
Veterinarians	33	19.7	79,050	First professional degree	
Self-enrichment education teachers	32	81.3	35,720	Work experience in a related occupation	
Compliance officers, except agriculture, construction, health and safety, and transportation	31	80.8	48,890	Long-term on-the-job training	
SOURCE: BLS Occupational Employme	nt Statistics and Di	vision of Occupational Ou	tlook		

#### Sources: US Bureau of Labor Statistics: Occupational Outlook Handbook, 2010-2011 Edition; Insurance Information Institute

### Occupations with Largest Numerical Growth, 2008–2018: Health, Services Dominate

# Dollar growth in WC exposures should grow the most (at current rate levels) in the health and services industries

Occupations	Number of new jobs <i>(in thousands)</i>	Percent change	Wages (May 2008 median)	Education/training category
Registered nurses	581.5	22	\$ 62,450	Associate degree
Home health aides	460.9	50	20,460	Short-term on-the-job training
Customer service representatives	399.5	18 15 46	29,860 16,430 19,180	Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training
Combined food preparation and serving workers, including fast food	394.3			
Personal and home care aides	375.8			
Retail salespersons	374.7	8	20,510	Short-term on-the-job training
Office clerks, general	358.7	12	25,320	Short-term on-the-job training
Accountants and auditors	279.4	22	59,430	Bachelor's degree
Nursing aides, orderlies, and attendants	276.0	19	23,850	Postsecondary vocational award
Postsecondary teachers	256.9	15	58,830	Doctoral degree
Construction laborers	255.9	20	28,520	Moderate-term on-the-job training
Elementary school teachers, except special education	244.2	16	49,330	Bachelor's degree
Truck drivers, heavy and tractor-trailer	232.9	13	37,270	Short-term on-the-job training
Landscaping and groundskeeping workers	217.1	18	23,150	Short-term on-the-job training
Bookkeeping, accounting, and auditing clerks	212.4	10	32,510	Moderate-term on-the-job training
Executive secretaries and administrative assistants	204.4	13	40,030	Work experience in a related occupation
Management analysts	178.3	24	73,570	Bachelor's or higher degree, plus work experience
Computer software engineers, applications			85,430	Bachelor's degree
Receptionists and information clerks	172.9	15	24,550	Short-term on-the-job training
Carpenters	165.4	13	38,940	Long-term on-the-job training

Sources: US Bureau of Labor Statistics: Occupational Outlook Handbook, 2010-2011 Edition; Insurance Information Institute

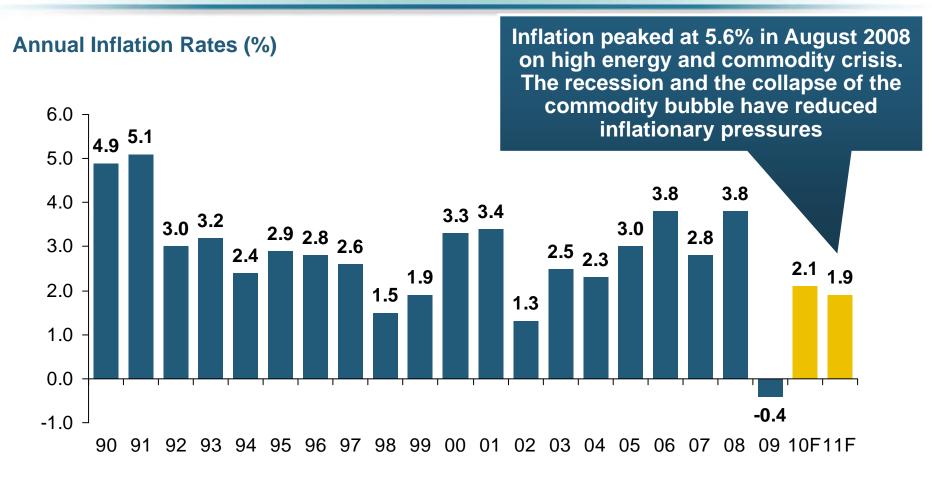


# Inflation Trends: Could Rising Deficits, Bailouts & Stimulus Spark Inflation?

# Is Workers Compensation Claim Severity at Risk of Accelerating?

# Annual Inflation Rates (CPI-U, %), 1990–2011F

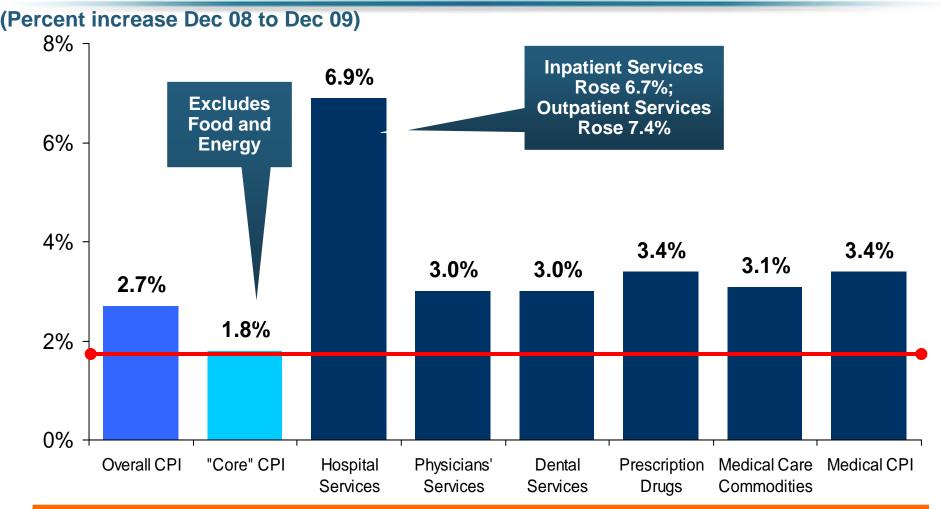
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# There is So Much Slack in the US Economy That Inflation Should Not Be a Concern Through 2010/11, but Depreciation of Dollar is Concern Longer Run

Sources: US Bureau of Labor Statistics; Blue Chip Economic Indicators, Apr. 10, 2010 (forecasts).

## WC Insurers Experience Inflation More Intensely than 2009 CPI Suggests



### Healthcare Costs Are a Major WC Insurance Cost Driver. They Are Likely to Increase Faster than the CPI for the Next Few Years, at Least

Source: Bureau of Labor Statistics; Insurance Information Institute.

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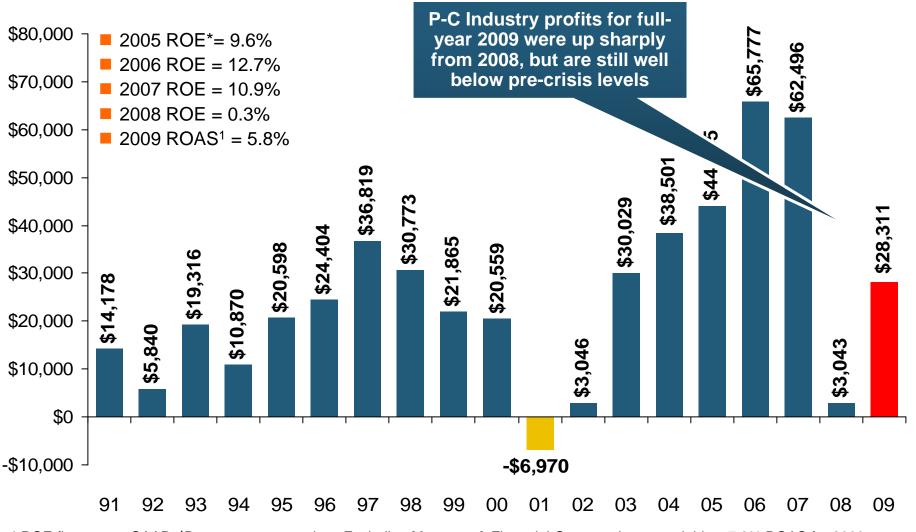


# P/C Insurance Financial Performance

# A Resilient Industry in Challenging Times

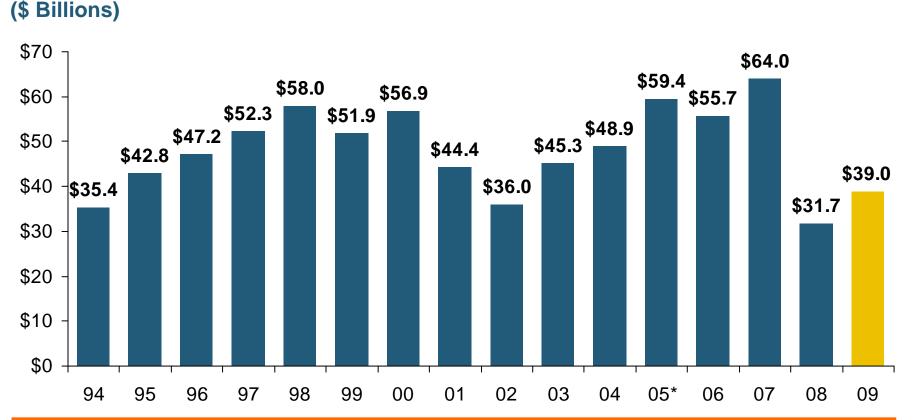
# P/C Net Income After Taxes 1991–2009 (\$ Millions)





\* ROE figures are GAAP; <sup>1</sup>Return on avg. surplus. Excluding Mortgage & Financial Guaranty insurers yields a 7.3% ROAS for 2009 and 4.4% for 2008. 2009 net income was \$34.5 billion and \$20.8 billion in 2008 excluding M&FG. Sources: A.M. Best, ISO, Insurance Information Institute

# Property/Casualty Insurance Industry Investment Gain: 1994–2009<sup>1</sup>



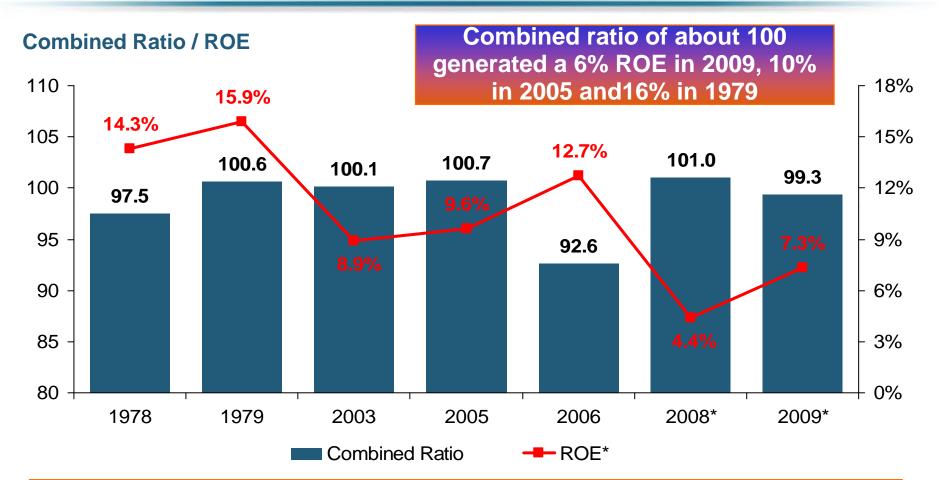
Investment Gains Fell by 50% In 2008 Due to Lower Yields, Poor Equity Market Conditions. In 2009, the Lower Realized Capital Losses Helped Offset Lower Investment Income

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

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

Sources: ISO; Insurance Information Institute.

# A 100 Combined Ratio Isn't What It Once Was: 90-95 is Where It's At Now



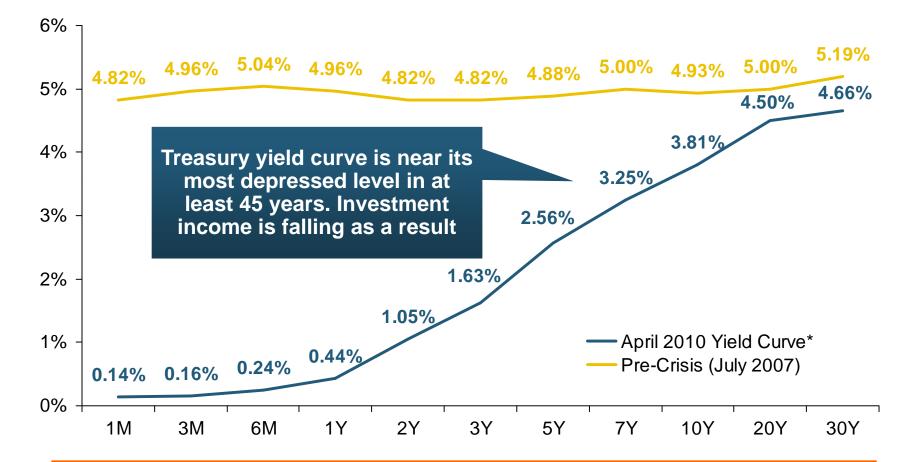
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### Combined Ratios Must Be Lower in Today's Depressed Investment Environment to Generate Risk Appropriate ROEs

\* 2009/2008 figures are return on average statutory surplus. 2008 and 2009 figures exclude mortgage and financial guaranty insurers Source: Insurance Information Institute from A.M. Best and ISO data

# Treasury Yield Curves: Pre-Crisis (July 2007) vs. April 2010\*



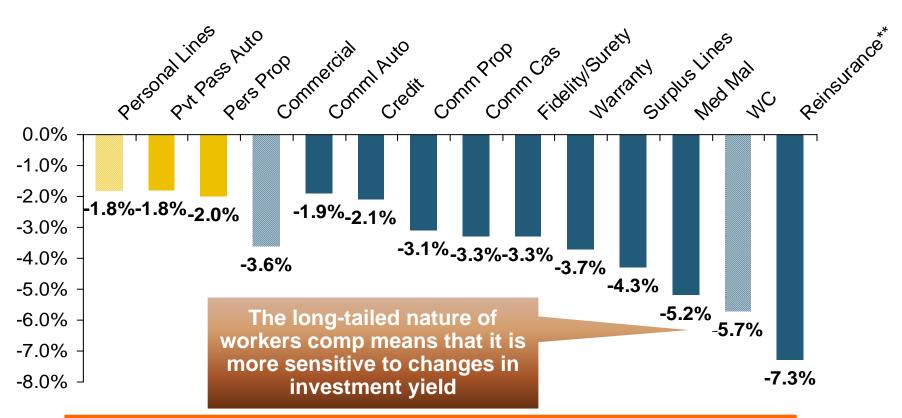


#### **Stock Dividend Cuts Have Further Pressured Investment Income**

\*Week ending April 23, 2010.

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

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



### Lower Investment Earnings Place a Greater Burden on Underwriting Performance

\*Based on 2008 Invested Assets and Earned Premiums

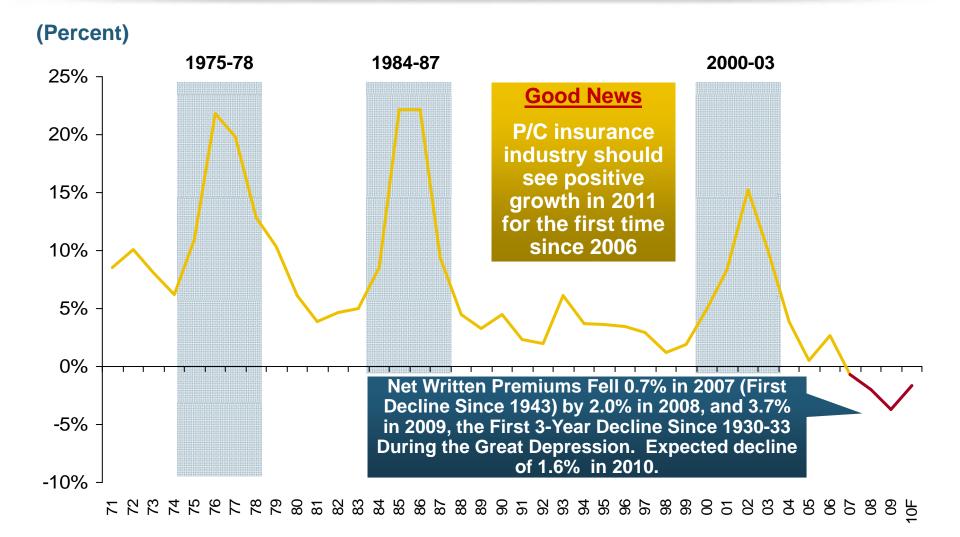
\*\*US domestic reinsurance only.

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

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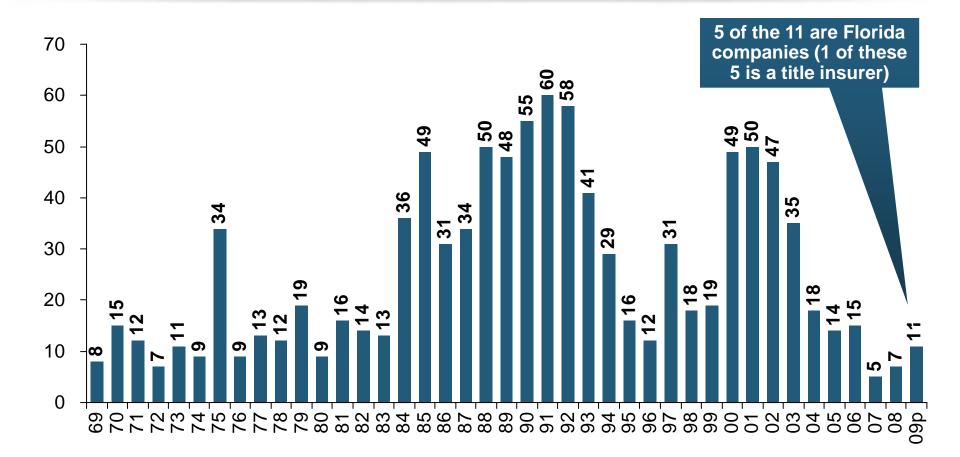
# Strength of Recent Hard Markets by NWP Growth





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

# P/C Insurer Impairments, 1969–2009p



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

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

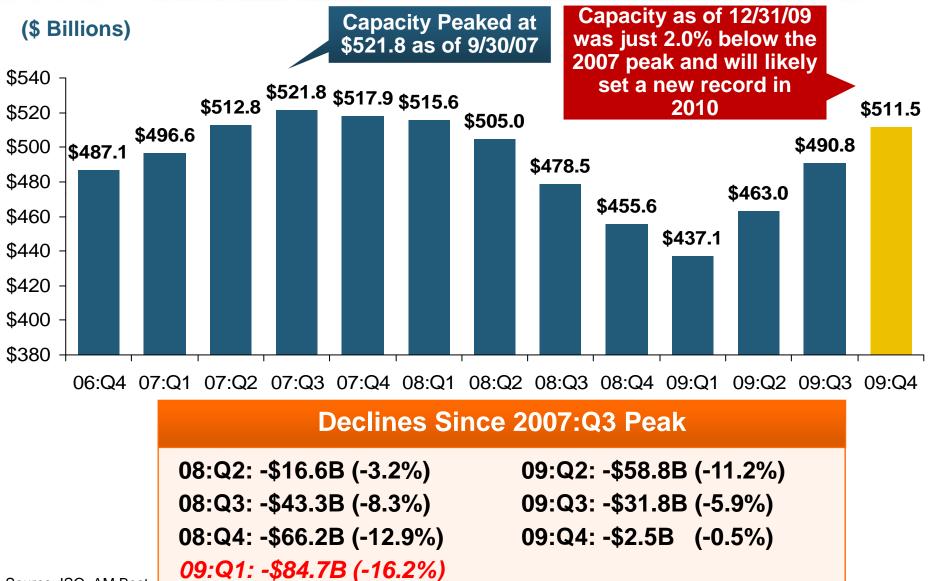


# Capacity/Capital/Policyholder Surplus (US)

# Shrinkage During Crisis, but Not Enough to Trigger Hard Market Capacity Has Been 100% Restored to Pre-Crisis Levels

# Policyholder Surplus, 2006:Q4–2009:Q4

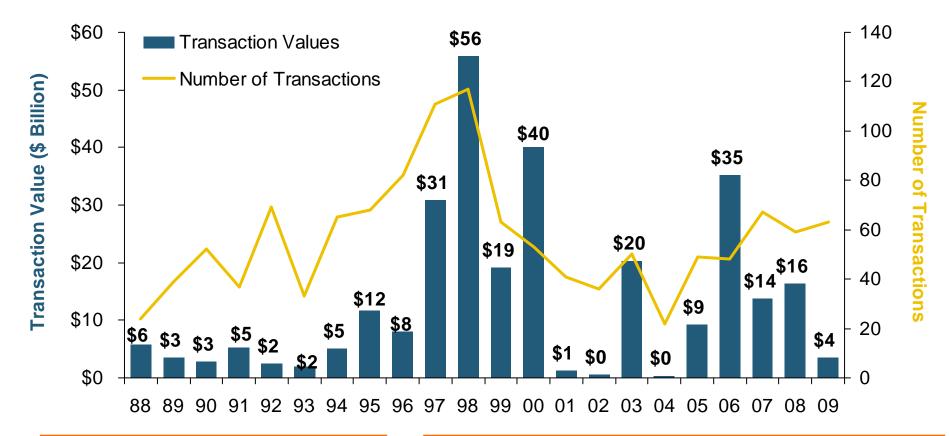
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Source: ISO, AM Best.

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





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

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

Note: U.S. Company was the acquirer and/or target. Source: Conning Research & Consulting.

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