Risky Business: Trends, Challenges and Opportunities for the Insurance Industry *Focus on New York State*

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P/C Insurance Overview & Outlook: Outline

- P/C Financial Overview & Outlook in the Post-COVID Era
  - Premium Growth
  - Underwriting Performace
  - Covid Impacts
- Investment Market Issues: Volatility Rules and a Newly Hawkish Fed
- Catastrophe Loss Trends
- The Economy, Insurance and COVID-19: Overview & Outlook
  - Growth, Employment, Inflation…
- Private Passenger Auto: COVID Impacts in NY State
- Inflation: What It Means for P/C Insurers
- Summary and Q&A

P/C Insurance Industry Financial Overview & Outlook:

Challenges Amid Rising Inflation and Higher Interest Rates

The Current Economic Environment Presents Many Challenges for P/C Insurers

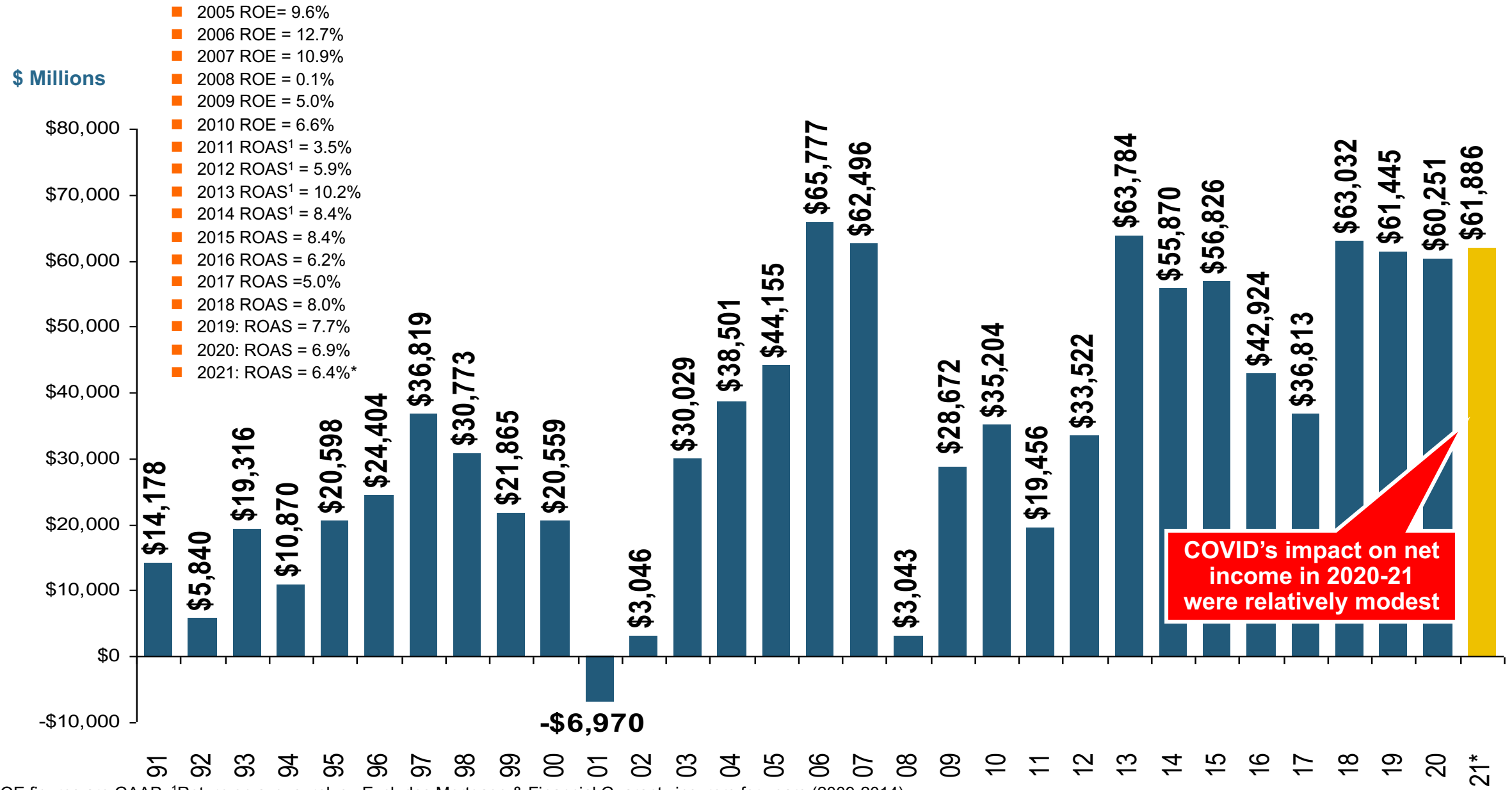
Industry Remains Strong

3

Profits and Profitability

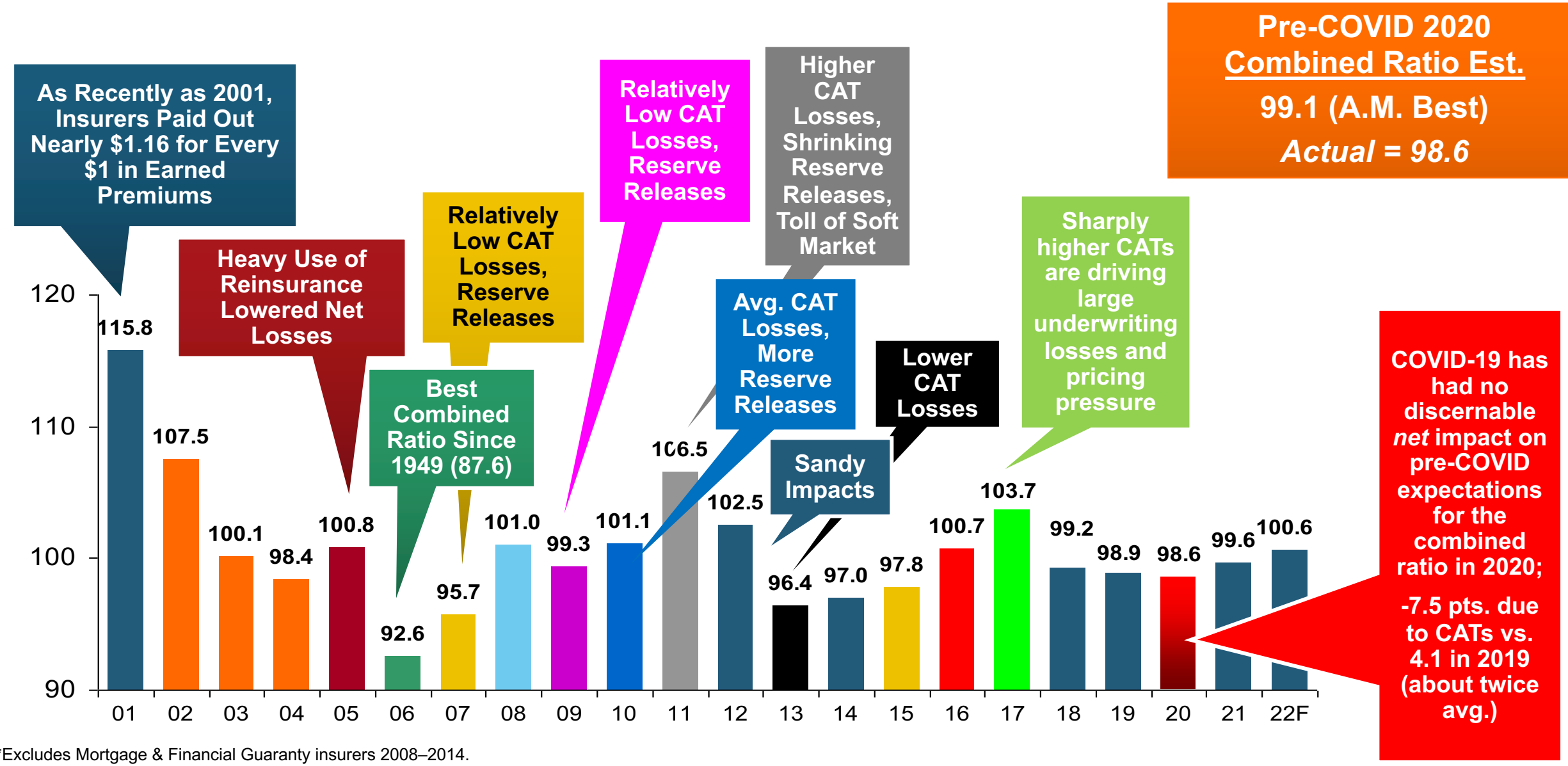
P/C Profitability Is Extremely Volatile and Consistently Lags the Fortune 500

P/C Industry Net Income After Taxes, 1991–2021*



*ROE figures are GAAP; [1]Return on avg. surplus. Excludes Mortgage & Financial Guaranty insurers for years (2009-2014).
Sources: A.M. Best, ISO, APCIA.

P/C Insurance Industry Combined Ratio, 2001–2022F**



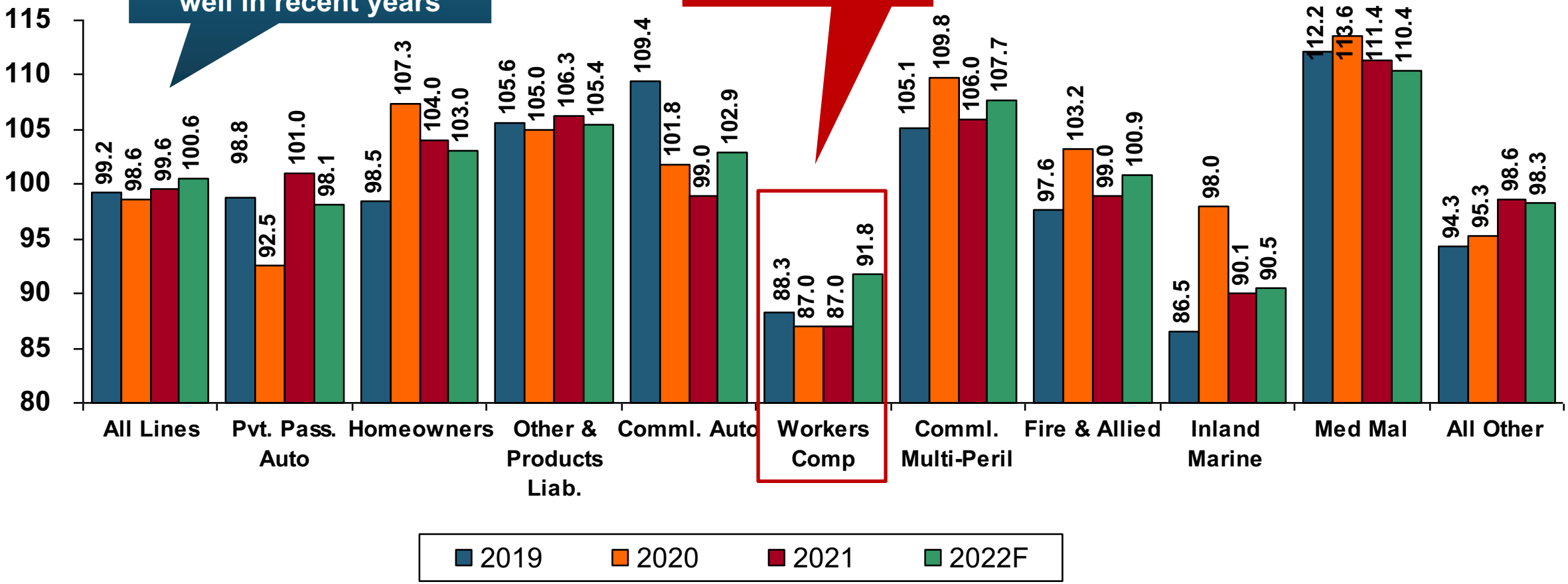
*Excludes Mortgage & Financial Guaranty insurers 2008–2014.
**2022 figure is forecast..
Sources: A.M. Best, ISO (2014-2022F).

Combined Ratios by Line: 2019 – 2022F

Despite COVID and high CAT losses, the overall P/C industry has performed reasonably well in recent years

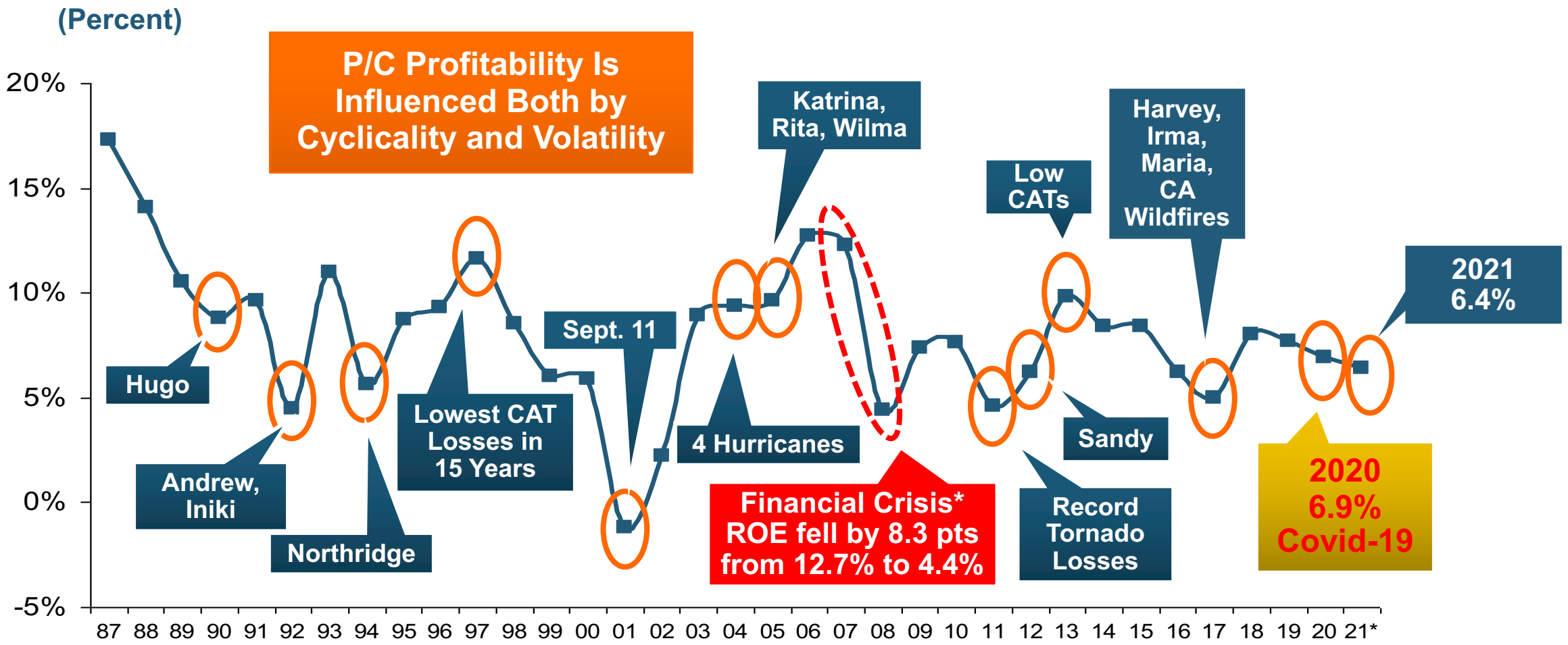
WC is the best performing line of insurance

Accelerating inflation could push the combined ratio upward in 2022 beyond the estimates shown here



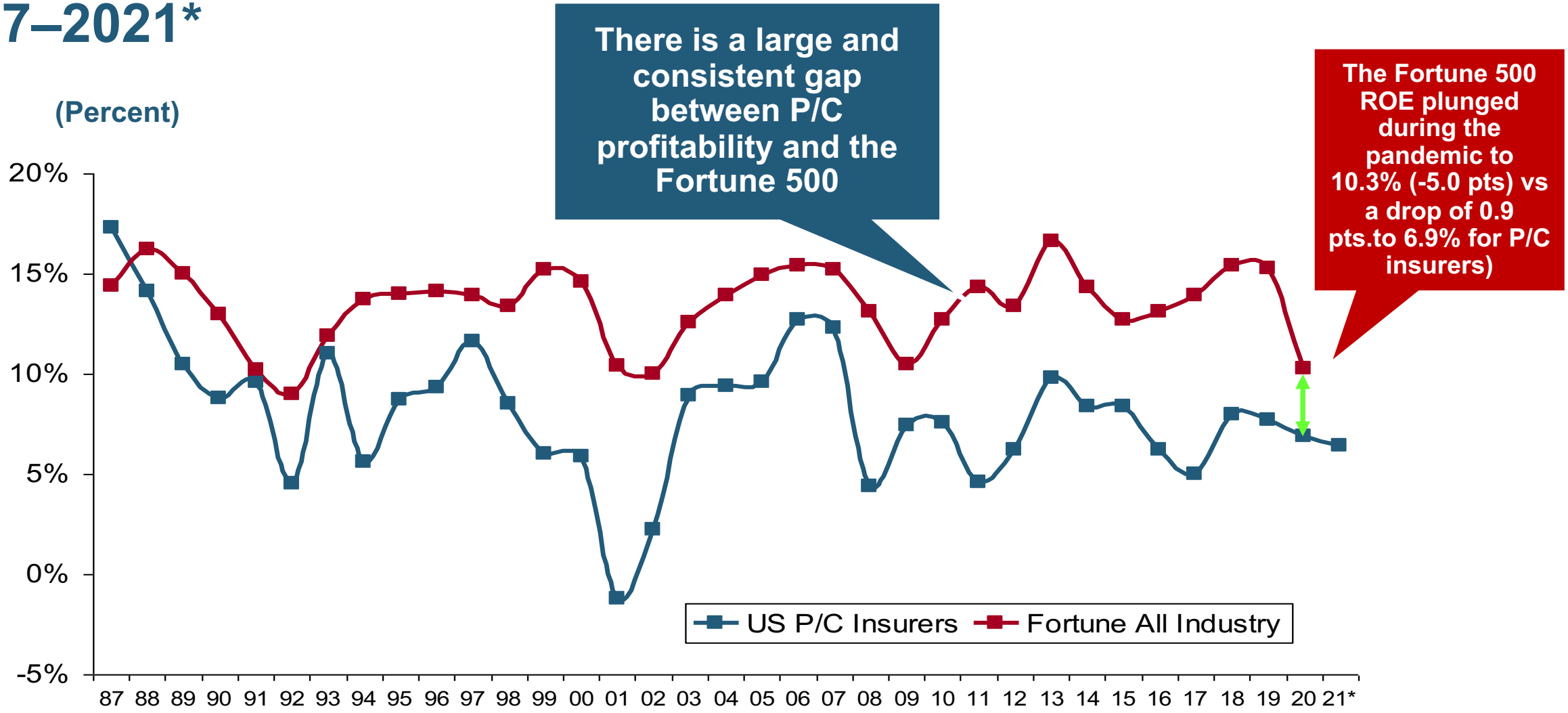
Source: A.M. Best *Review & Preview* (2022 forecasts as of Feb. 2022); Univ. of South Carolina, Risk and Uncertainty Management Center.

ROE: Property/Casualty Insurance by Major Event, 1987–2021E*



*Excludes Mortgage & Financial Guarantee in 2008 – 2014.
Sources: ISO, *Fortune,* APCIA; USC RUM Center.

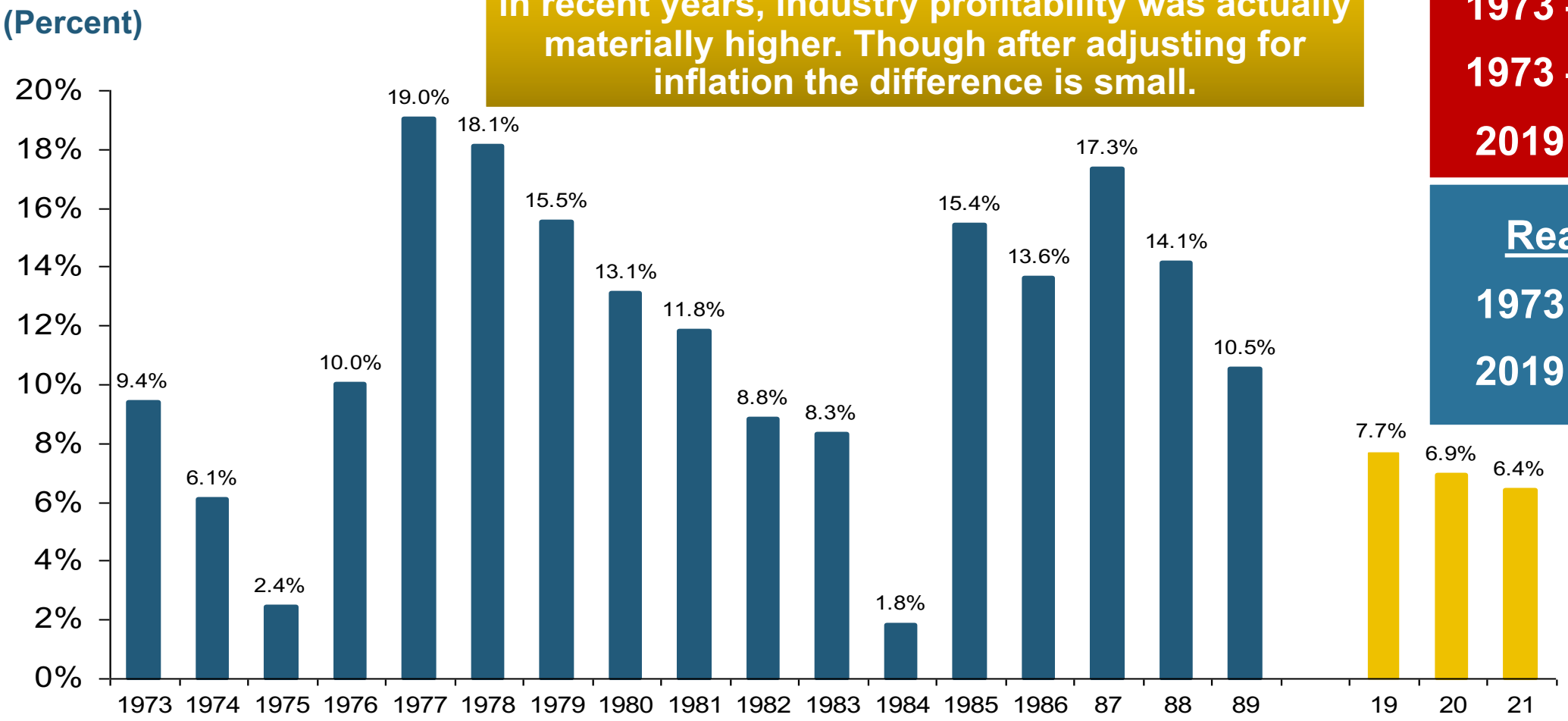
ROE: Property/Casualty Insurance vs Fortune All Industry, 1987–2021*



*Excludes Mortgage & Financial Guarantee in 2008 – 2014. 2021 Fortune 500 figure not currently available.
Sources: ISO, *Fortune,* APCIA; USC RUM Center.

ROE: Property/Casualty Insurance, 1973 - 1989 vs. Recent

Although underwriting experience was far worse in the mid/late-1970s and most of the 1980s than in recent years, industry profitability was actually materially higher. Though after adjusting for inflation the difference is small.



Avg. ROE

1973 – 1979: 11.5%

1973 – 1989: 11.5%

2019 – 2021: 7.0%

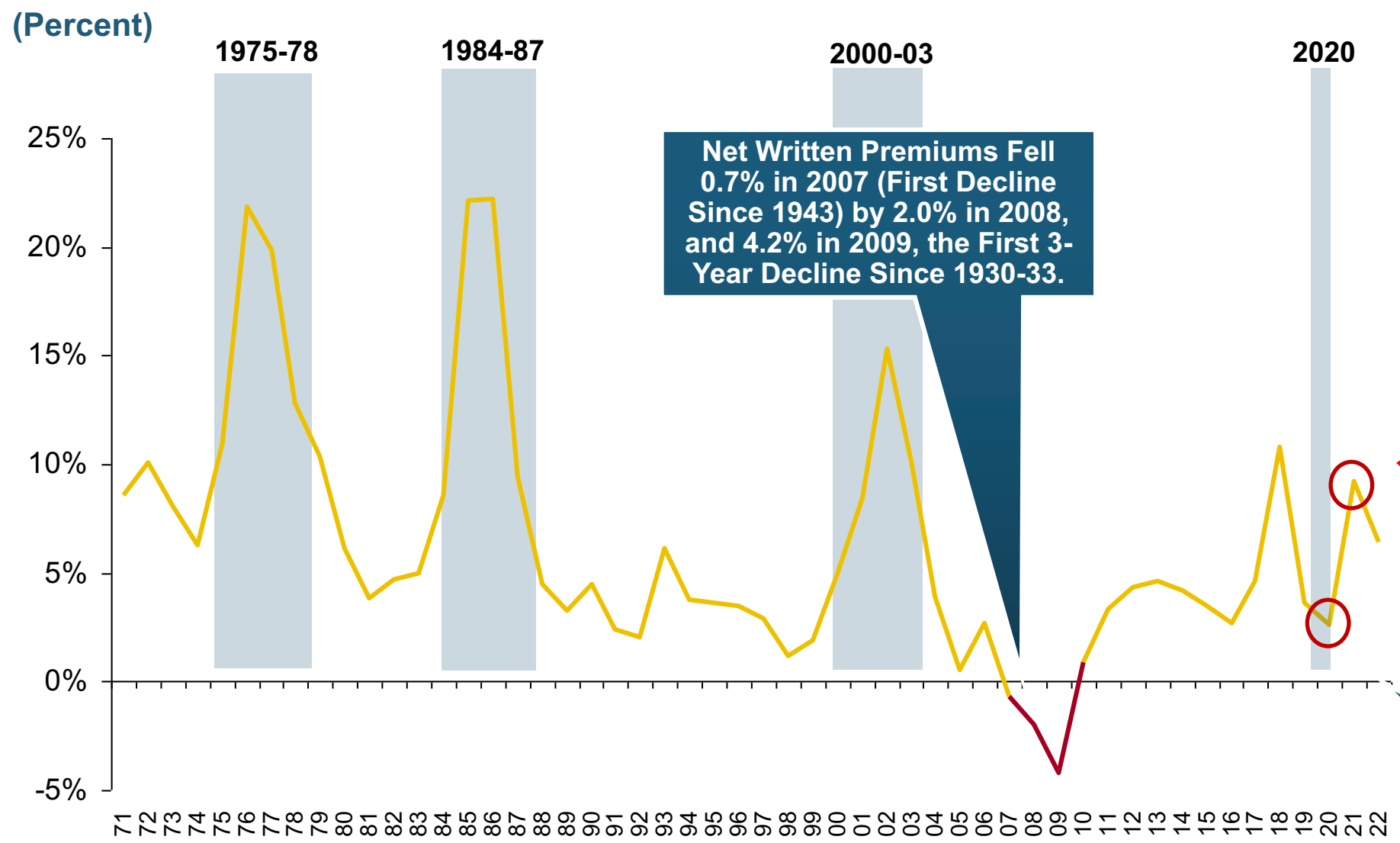
Real Avg. ROE

1973 – 1989: 4.8%

2019 – 2021: 4.5%

Sources: ISO, APCIA; USC RUM Center.

Net Written Premium Growth (All P/C Lines): Annual Change, 1971–2022F



Net Written Premiums Fell 0.7% in 2007 (First Decline Since 1943) by 2.0% in 2008, and 4.2% in 2009, the First 3-Year Decline Since 1930-33.

2022F: 6.4%
2021: 9.2%
2020: 2.6%
2019: 3.6%
2018: 10.8%
2017: 4.6%
2016: 2.7%
2015: 3.5%

Sharp recovery in NWP in 2021 (9.2%). Strong economic recovery and favorable rate environment both powering growth.

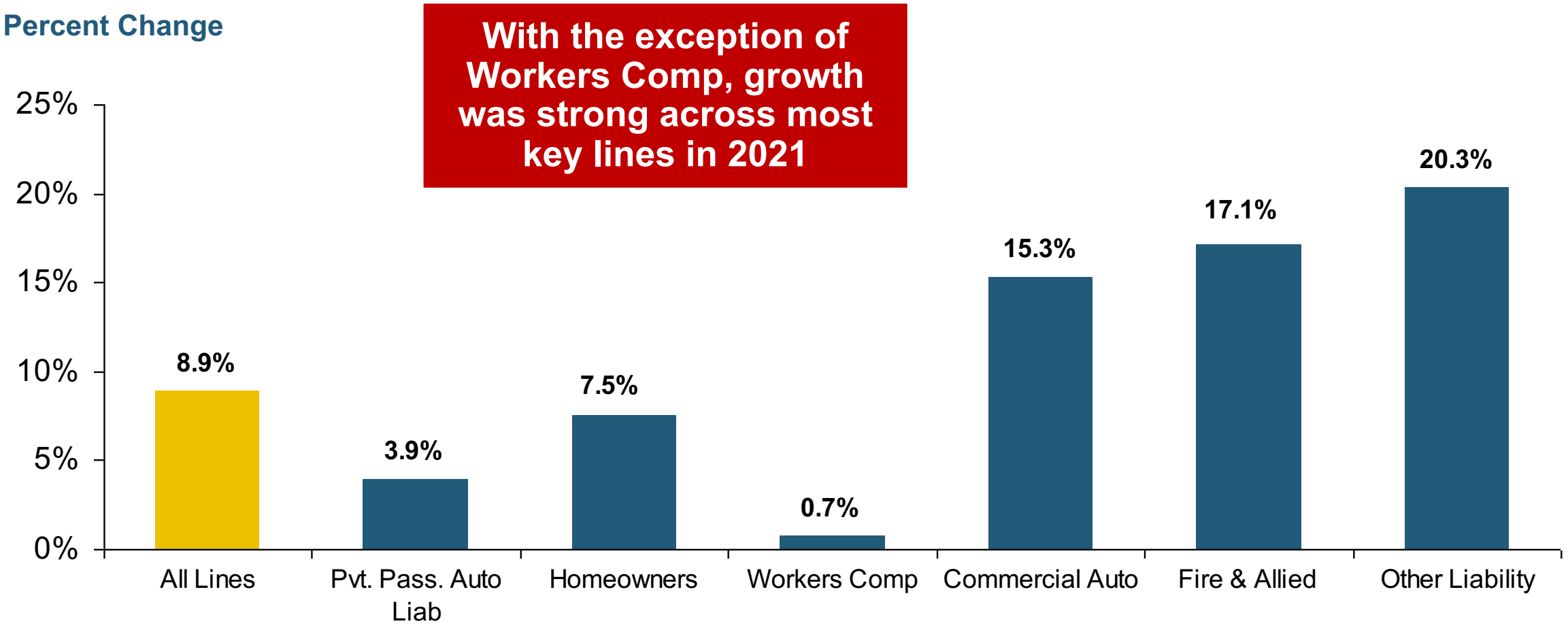
2020 Outlook

Pre-COVID: 3.8%

Actual: 2.6%**

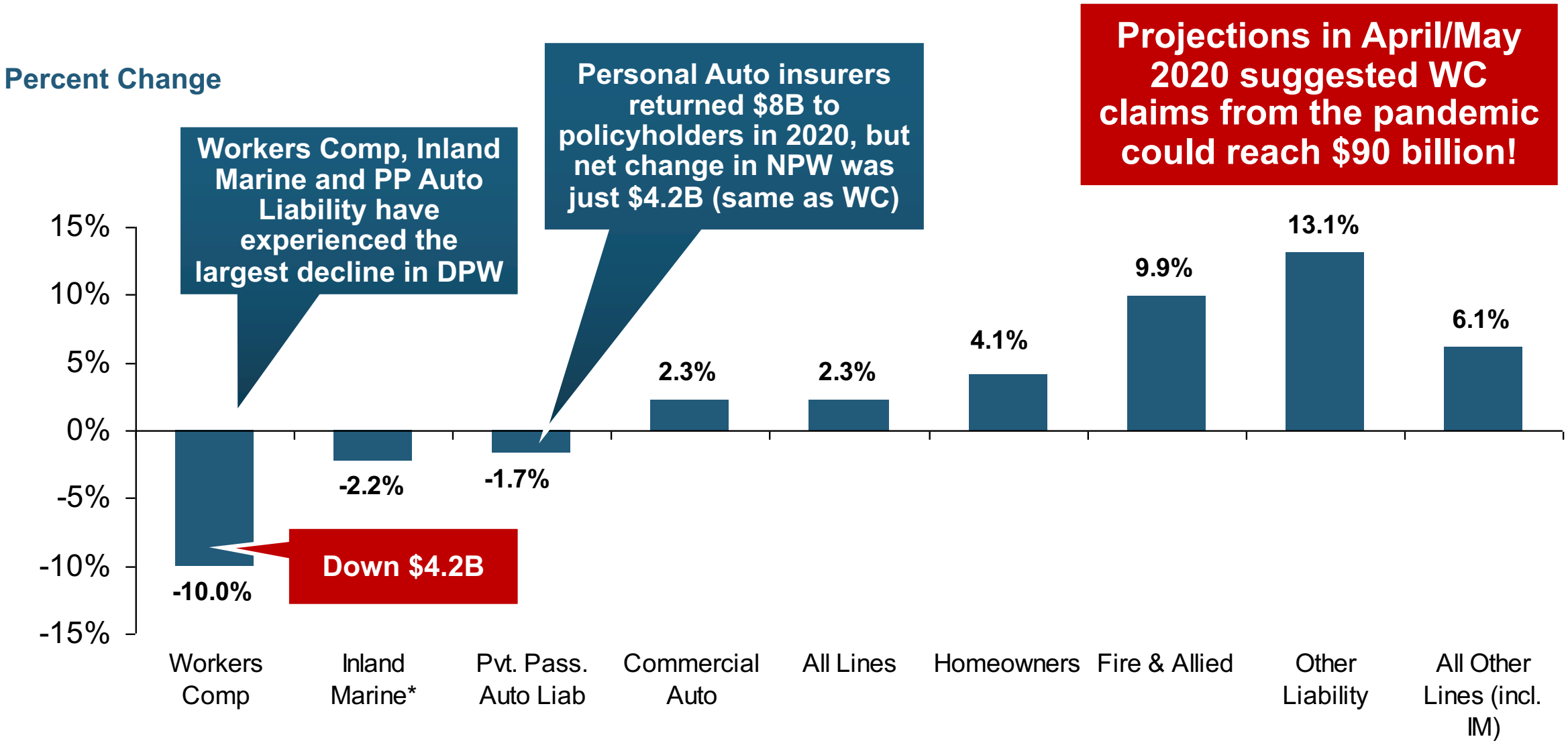
NOTE: Shaded areas denote "hard market" periods.
Sources: A.M. Best (1971-2013, 2022F), ISO (2014-21); Risk & Uncertainty Management Center, Univ. of South Carolina

Change in NPW for Key Lines: 2021



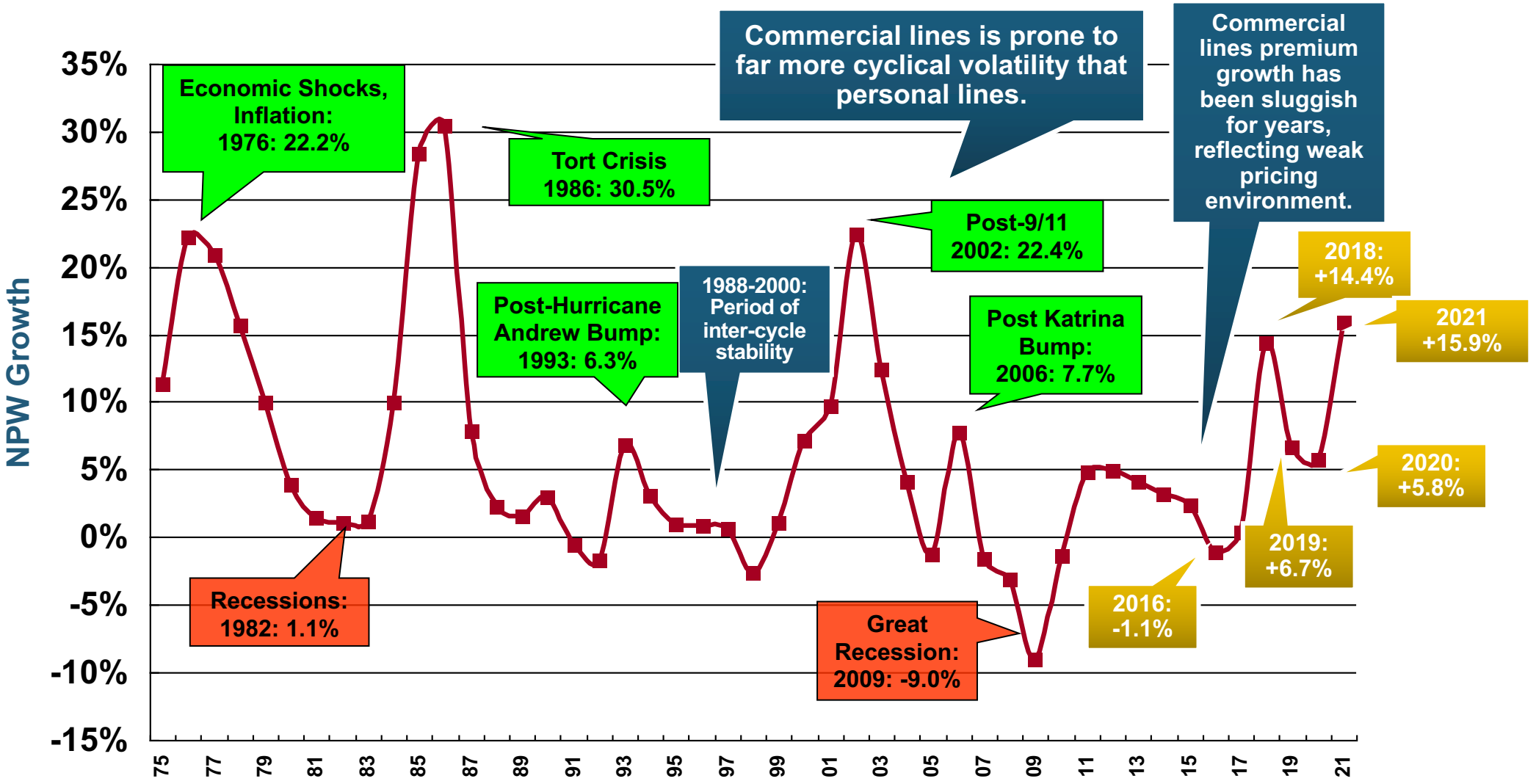
Sources: NAIC Annual Statement data, NCCI; Risk and Uncertainty Management Center, Univ. of South Carolina.

COVID's Impact on NPW Growth for Largest P/C Lines: 2020



*Inland Marine figure is DPW though first 9-months of 2020 (A.M. Best).
Sources: NAIC Annual Statement data, NCCI; Risk and Uncertainty Management Center, Univ. of South Carolina.

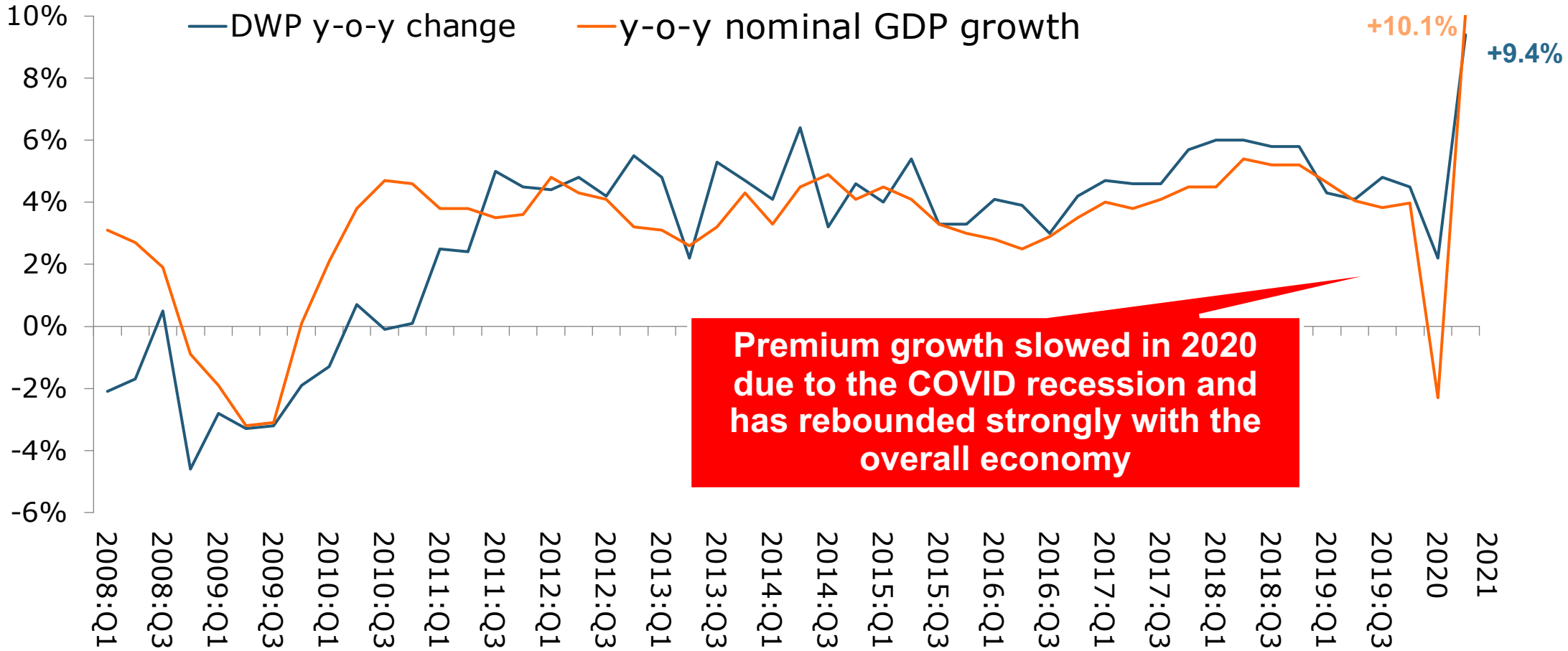
Commercial Lines NPW Premium Growth: 1975 – 2021



Note: Data include state funds beginning in 1998.
Source: A.M. Best; ISO; APCIA; Univ. of South Carolina Center for Risk and Uncertainty Management Center.

The Economy Drives P/C Insurance Industry Premiums: 2006:Q1–2021*

Direct Premium Growth (All P/C Lines) vs. Nominal GDP: Quarterly Y-o-Y Pct. Change



Premium growth slowed in 2020 due to the COVID recession and has rebounded strongly with the overall economy

Direct written premiums track nominal GDP fairly tightly over time, suggesting the P/C insurance industry's growth prospects inextricably linked to economic performance.

*2020-21 figures are annual;.

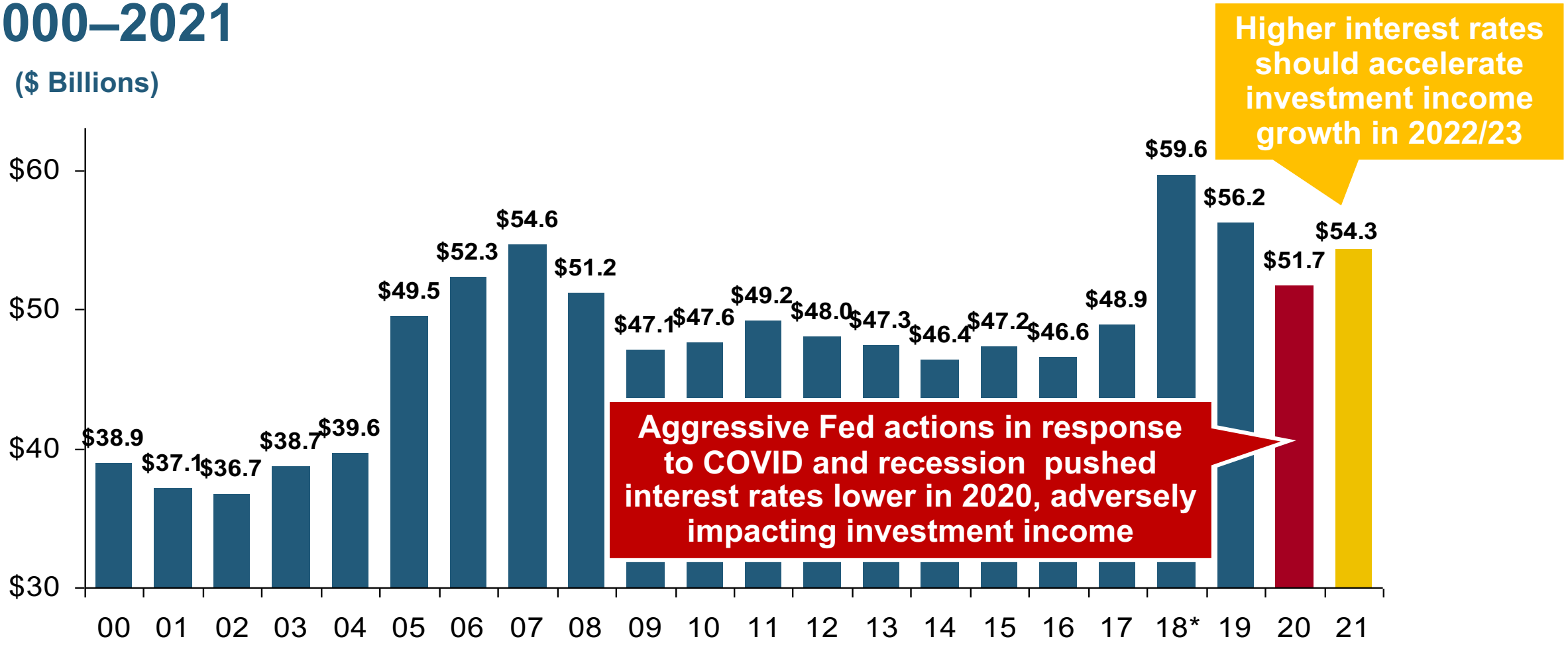
Sources: SNL Financial; U.S. Commerce Dept., Bureau of Economic Analysis; ISO; I.I.I.; Risk and Uncertainty Management Center, University of South Carolina.

Investments

Investment Performance Is a Key Driver of Insurer Profitability, Especially in Long-Tailed Lines Such as Workers Comp

Dove to Hawk: How Will an Aggressive Fed Impact Insurer Portfolios?

Property/Casualty Insurance Industry Investment Income: 2000–2021

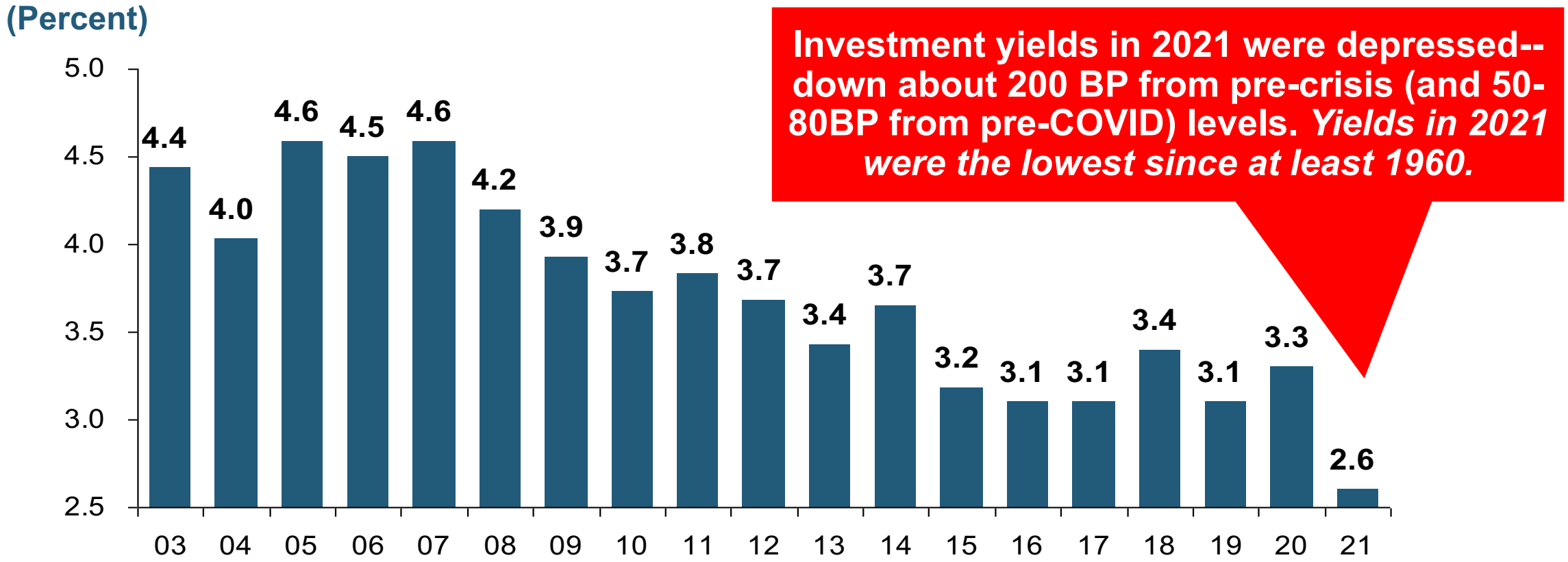


Due to persistently low interest rates, investment income remained below pre-crisis levels for a decade. Lower interest rates during COVID drove investment income down once again. Fed rate hikes in 2022 could reverse this trend.

*2021 figure is actual as of 12/31/21. 2018-19 figures are distorted by provisions of the TCJA of 2017. Increase reflects such items as dividends from foreign subsidiaries.

[1] Investment gains consist primarily of interest and stock dividends. Sources: ISO; University of South Carolina, Center for Risk and Uncertainty Management.

Net Investment Yield on Property/Casualty Insurance Invested Assets, 2007–2021



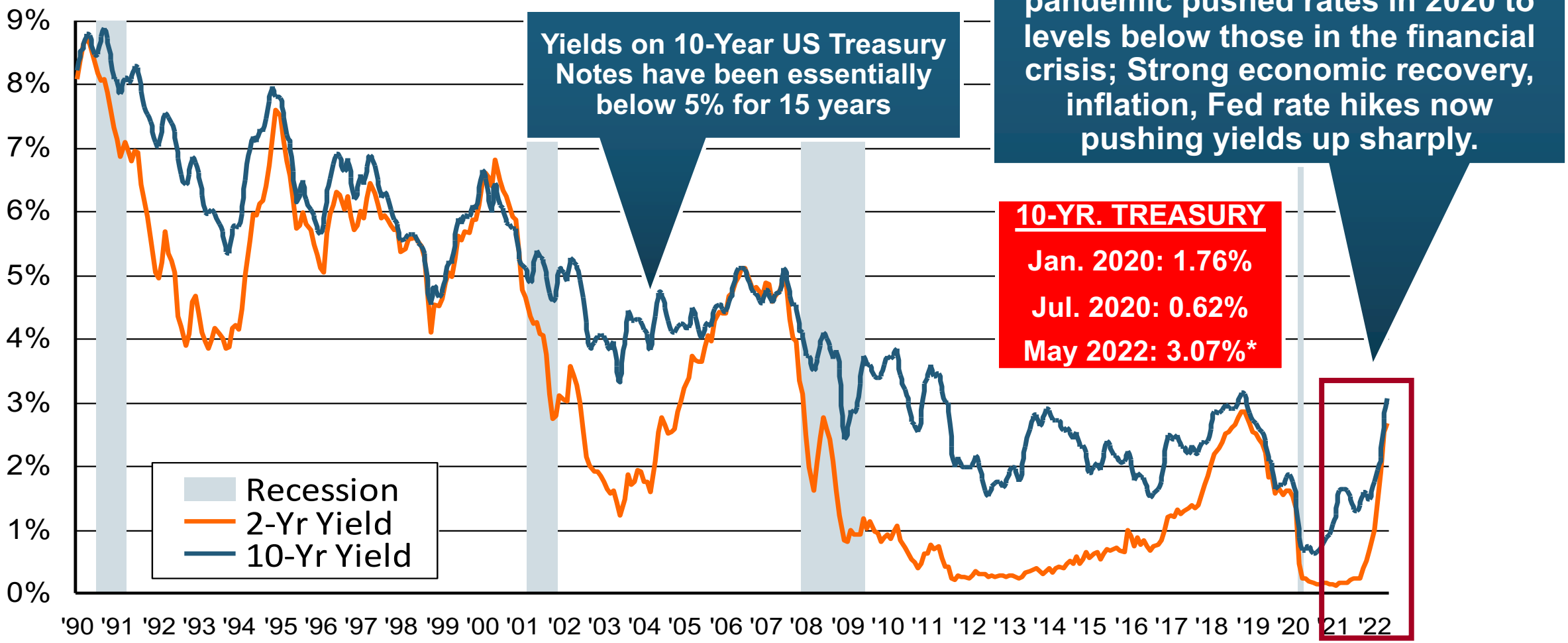
Investment yields in 2021 were depressed--down about 200 BP from pre-crisis (and 50-80BP from pre-COVID) levels. *Yields in 2021 were the lowest since at least 1960.*

The yield on invested assets remains depressed relative to pre-financial crisis and pre-COVID yields. Fed rate hikes in 2022 should begin to slowly lift yields.

Average: 1960-2019 = 4.9%
Low: 2.8% (1961)
High: 8.2% (1984/85)

Sources: NAIC data, sourced from S&P Global Market Intelligence; 2017-19 figures are from ISO. 2020-21 data from the APCIA. Risk and Uncertainty Management Center, Univ. of South Carolina.

US Treasury Security Yields: A Long Downward Trend, 1990–2022*

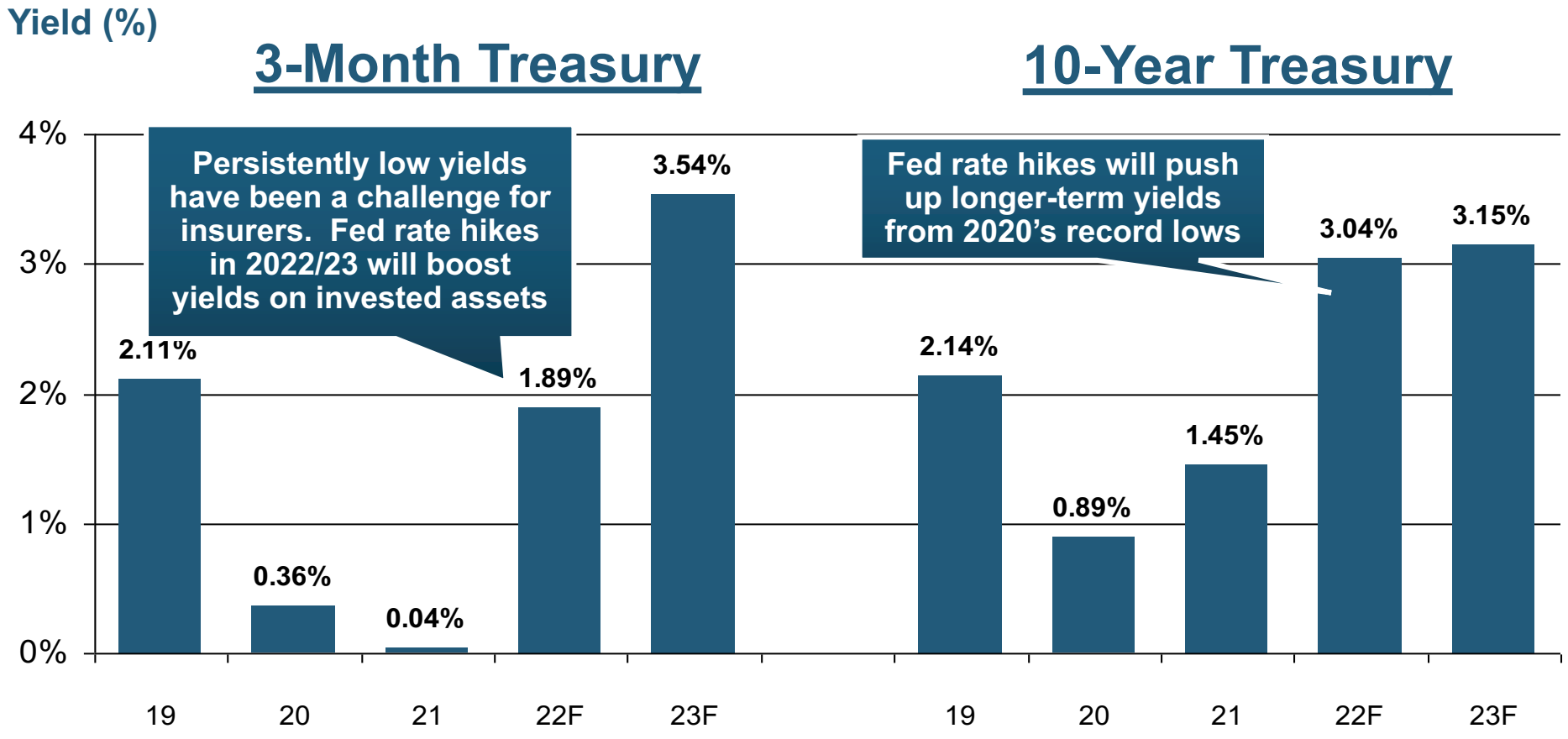


Since roughly 80% of P/C bond/cash investments are in 10-year or shorter durations, Fed rate hikes should over time provide a modest boost to P/C insurer portfolio yields

*Monthly, constant maturity, nominal rates, through May 2022 (as of May 6).

Sources: Federal Reserve Bank at http://www.federalreserve.gov/releases/h15/data.htm. National Bureau of Economic Research (recession dates); Risk and Uncertainty Management Center, University of South Carolina.

Interest Rate Forecasts: 2019 – 2023F



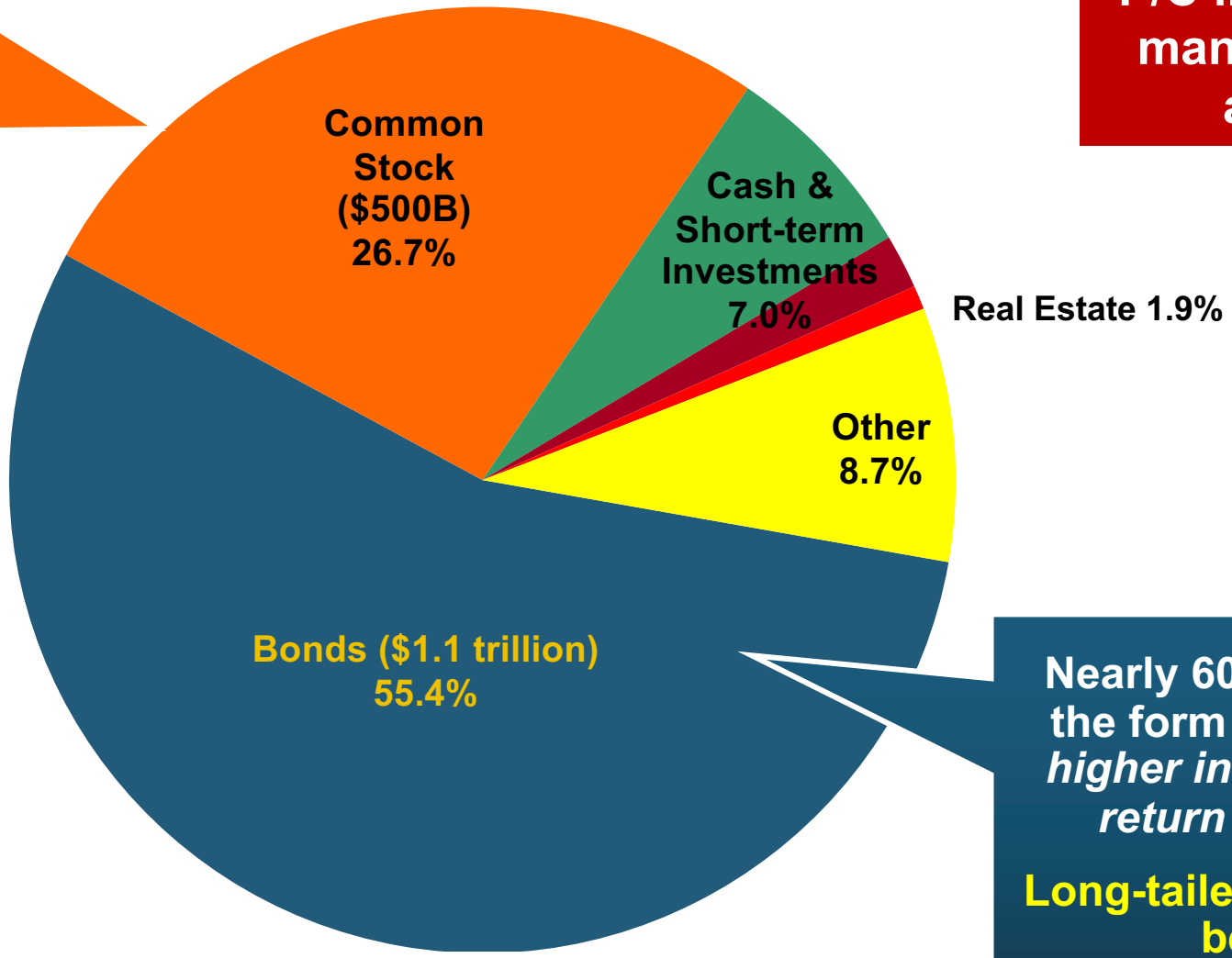
Rising interest rates will provide a modest tailwind for insurers as the Fed raises interest rates. This will be especially beneficial to longer-tailed lines such as Workers Comp.

Sources: Wells Fargo Securities (5/22); Risk and Uncertainty Management Center, University of South Carolina.

P/C Insurance Industry Investment Portfolio*

With stocks accounting for about 25% of invested assets, the current correction represents a buying opportunity for P/C insurers

P/C insurers in the U.S. managed $2 trillion in assets in 2020

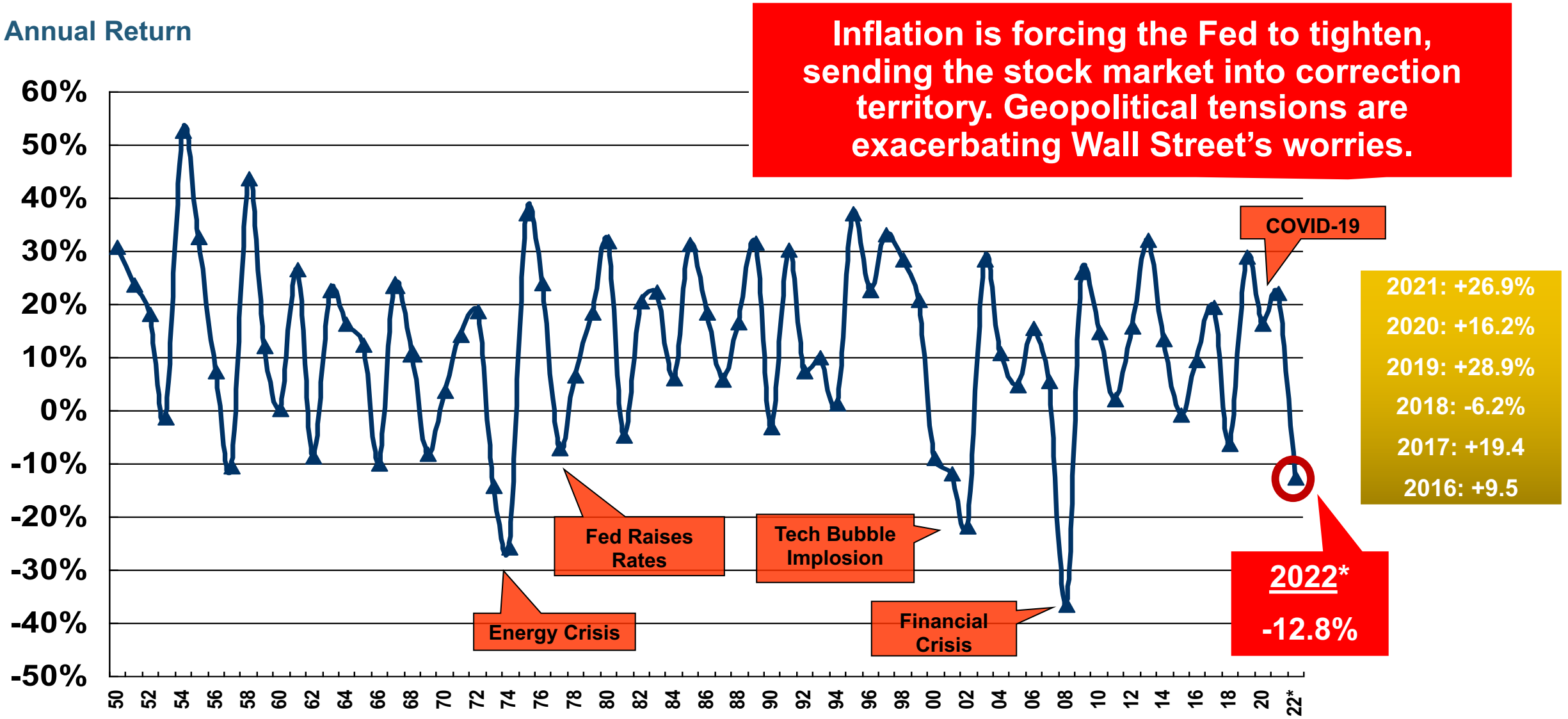


Nearly 60% of P/C assets are in the form of bonds. *This means higher interest will push up the return on invested assets.*

Long-tailed lines such as WC will benefit the most

*As of 12/31/20.
Sources: NAIC data from I.I.I.; Risk and Uncertainty Management Center, University of South Carolina.

S&P 500 Index Returns, 1950–2022*



,
*Through May.30, 2022.
Source: NYU Stern School of Business: http://pages.stern.nyu.edu/~adamodar/New_Home_Page/datafile/histretSP.html;
Center for Risk and Uncertainty Management, University of South Carolina.

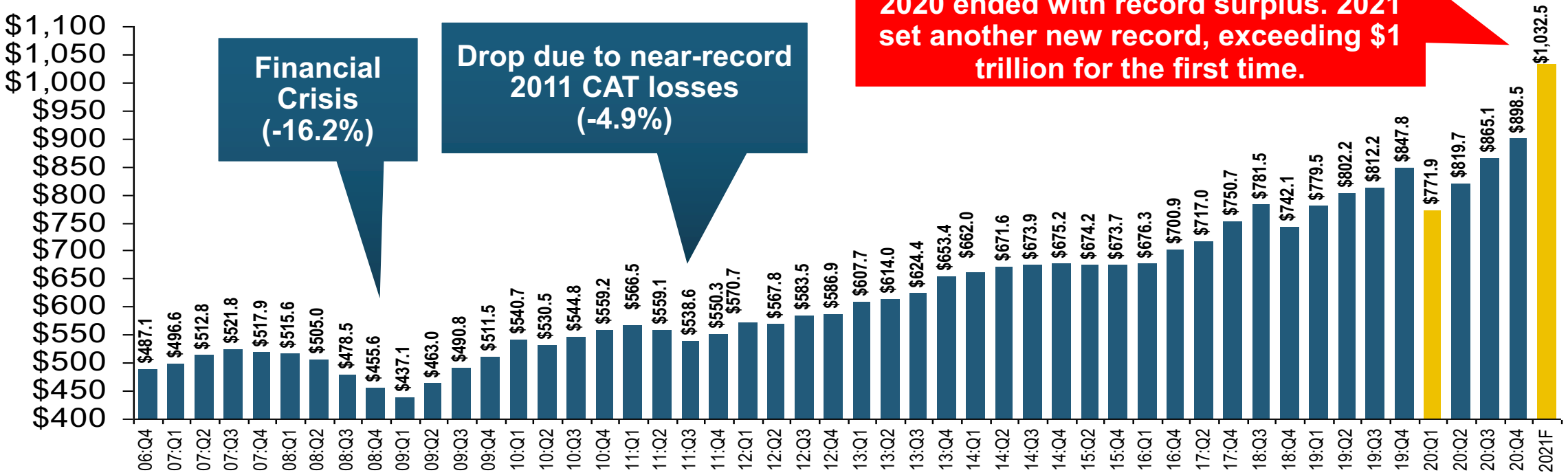
Capital and Capacity

P/C Insurance: Over or Under Capitalized?

Is the Industry Creating Economic Value?

Policyholder Surplus (Capacity), 2006:Q4 – 2021*

The P/C insurance industry entered the COVID-19 pandemic from a position of strength and was able to withstand the 9.0% surplus decline in Q1 2020 (far less than during the Financial Crisis). 2020 ended with record surplus. 2021 set another new record, exceeding $1 trillion for the first time.



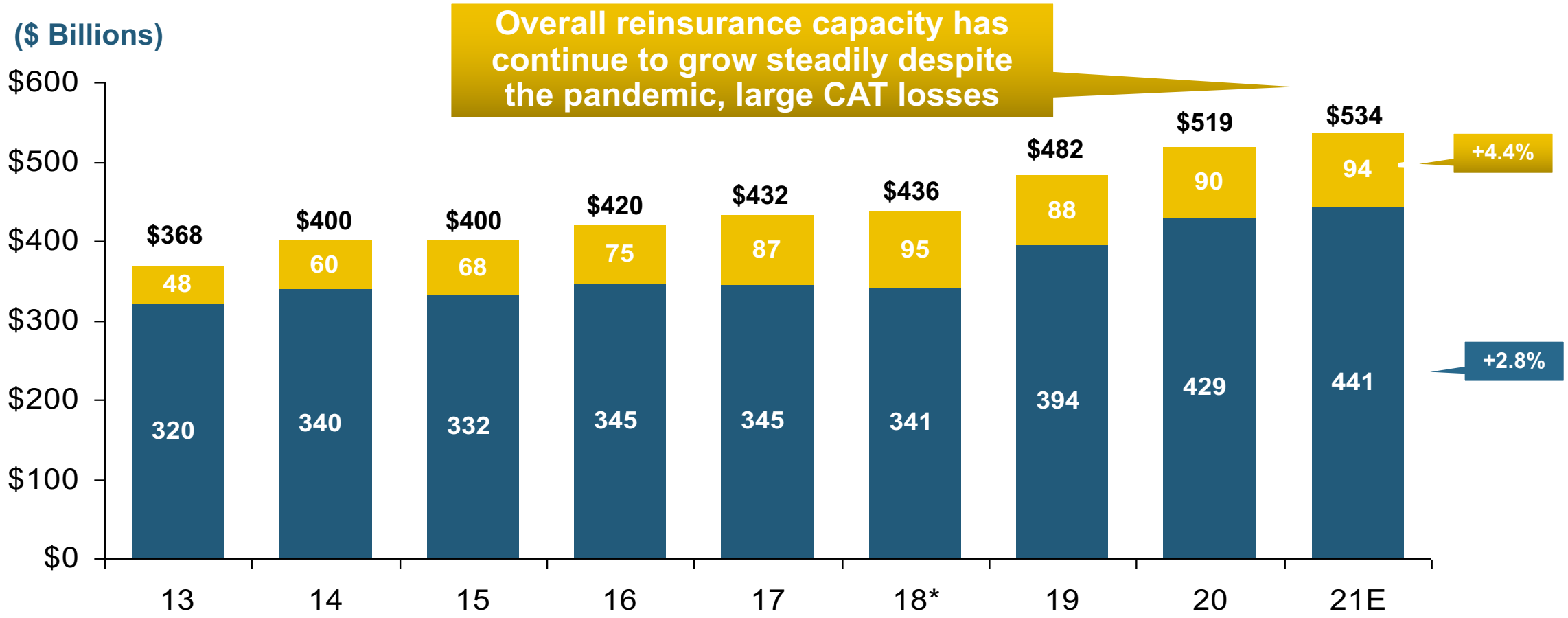
2010: Q1 data includes $22.5B of paid-in capital from a holding company parent for one insurer's investment in a non-insurance business.

Policyholder Surplus is the industry's financial cushion against large insured events, periods of economic stress and financial market volatility. It is also a source of capital to underwrite new risks.

*2021 figure is actual through Q4.

Sources: ISO, A.M .Best; Risk and Uncertainty Management Center, University of South Carolina.

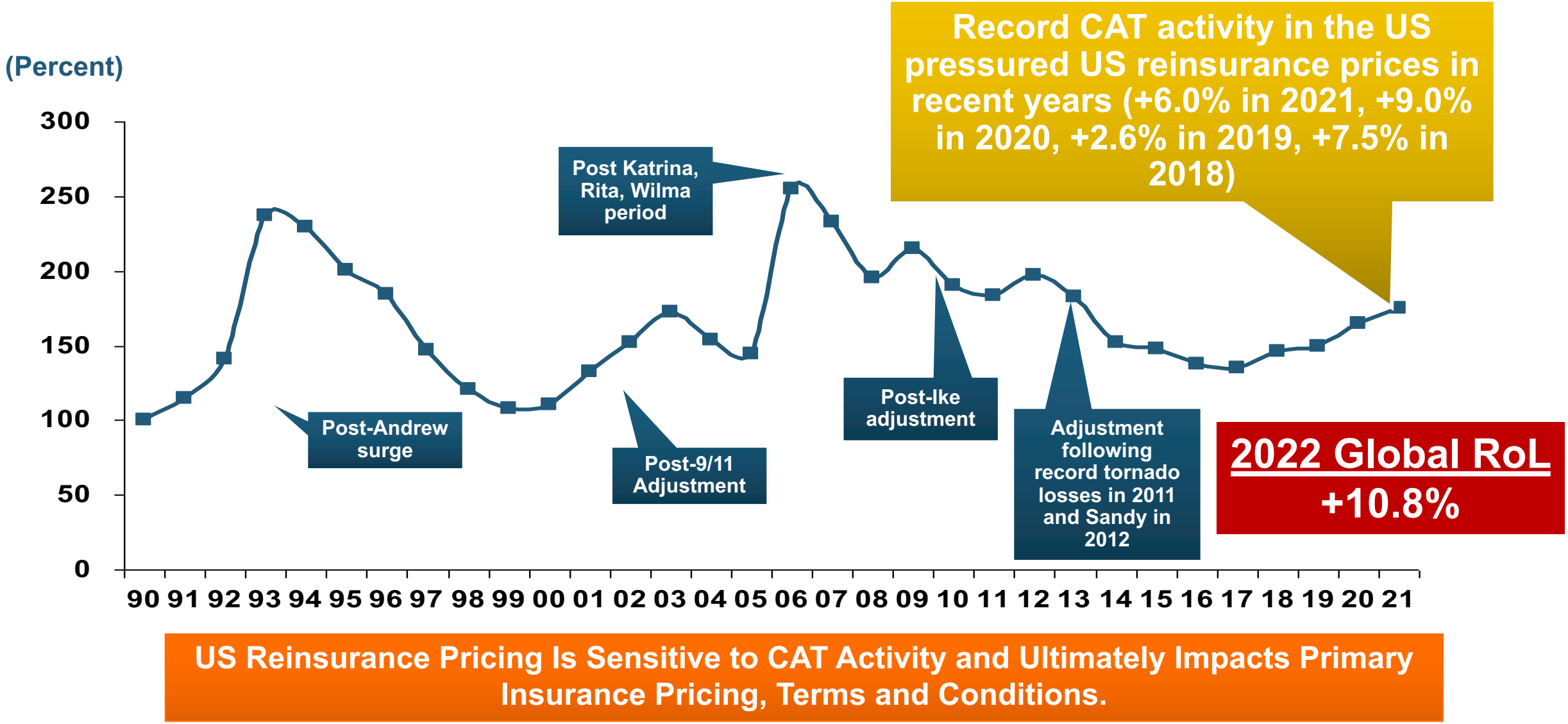
Traditional and ILS Reinsurance Capital, 2013–2021E



Strong global demand for reinsurance capacity will continue for the foreseeable future

Source: Artemis.bm at: https://www.artemis.bm/news/ils-capital-expands-in-2021-but-up-to-5-of-reinsurance-trapped-gc-am-best/; University of South Carolina, Risk and Uncertainty Management Center.

US Property Catastrophe Rate-on-Line Index: 1990 – 2021*



US Reinsurance Pricing Is Sensitive to CAT Activity and Ultimately Impacts Primary Insurance Pricing, Terms and Conditions.

*As of January 1 each year.

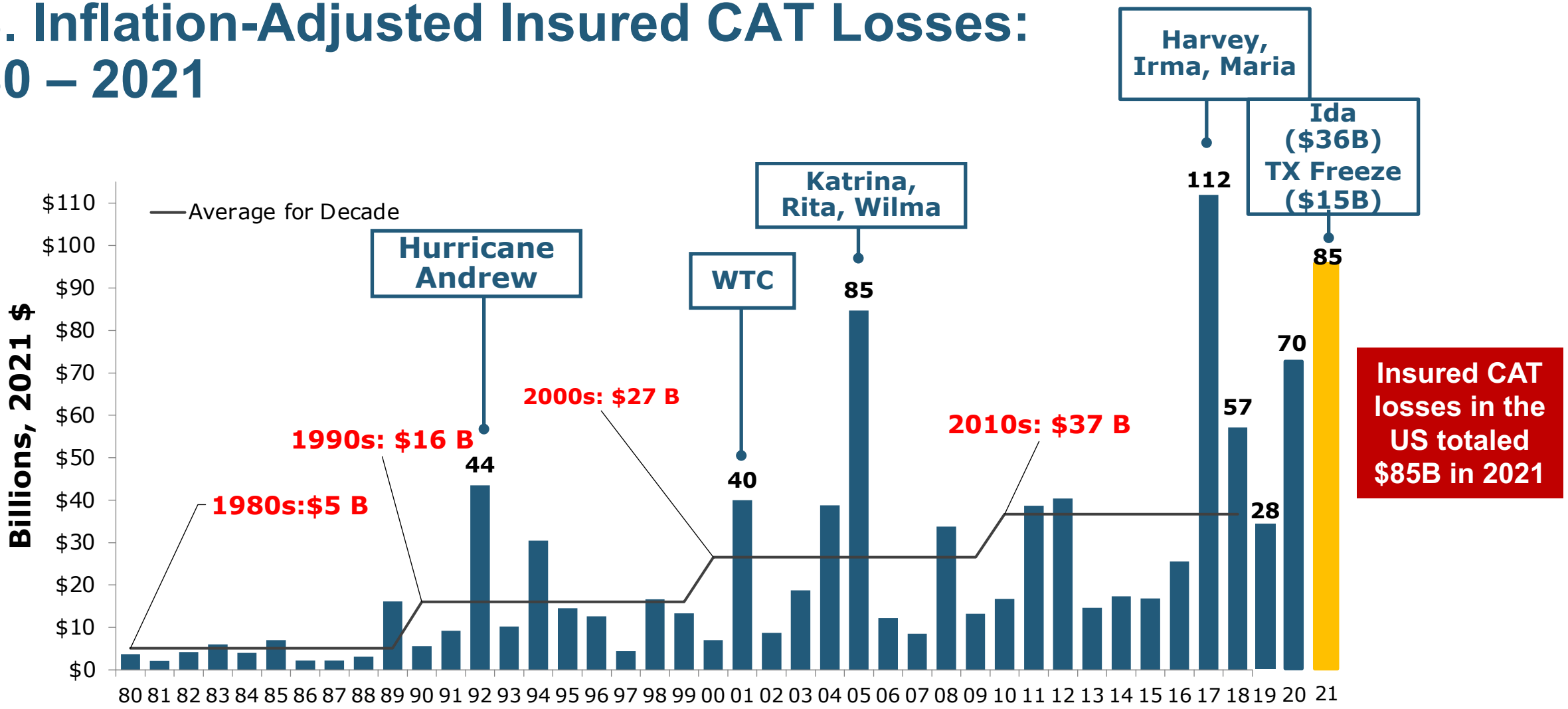
Source: Guy Carpenter; Artemis.bm accessed at: http://www.artemis.bm/us-property-cat-rate-on-line-index

Catastrophe Loss Trends

The Rise in CAT Losses Shows No Signs of Easing

The 2020s Are Off to an Ominous Beginning

U.S. Inflation-Adjusted Insured CAT Losses: 1980 – 2021



Insured CAT losses in the US totaled $85B in 2021

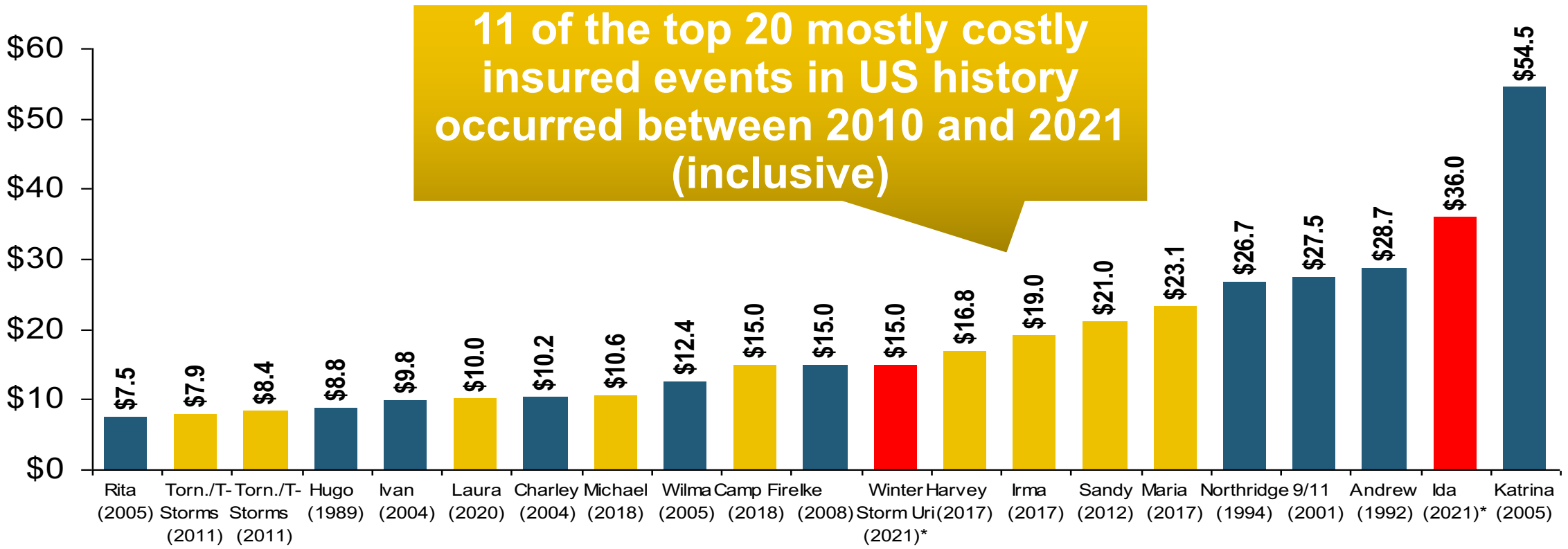
Average Insured Loss per Year*
1980-2021: $23.8 Billion
2012-2021: $44.1 Billion

The 2020s are off to an ominous start with $76B in average annual insured losses

*Stated in 2021 dollars.
Sources: Property Claims Service, a Verisk Analytics business (1980-2019); 2020 and 2021 figures from Munich Re; Insurance Information Institute; University of South Carolina, Risk & Uncertainty Management Center.

Top 21 Most Costly Disasters in U.S. History—Katrina Still Ranks #1

(Insured Losses, 2020 Dollars, $ Billions)



17 of the 20 Most Expensive Insurance Events in US History Have Occurred Since 2004

*Estimated (in 2021 dollars)

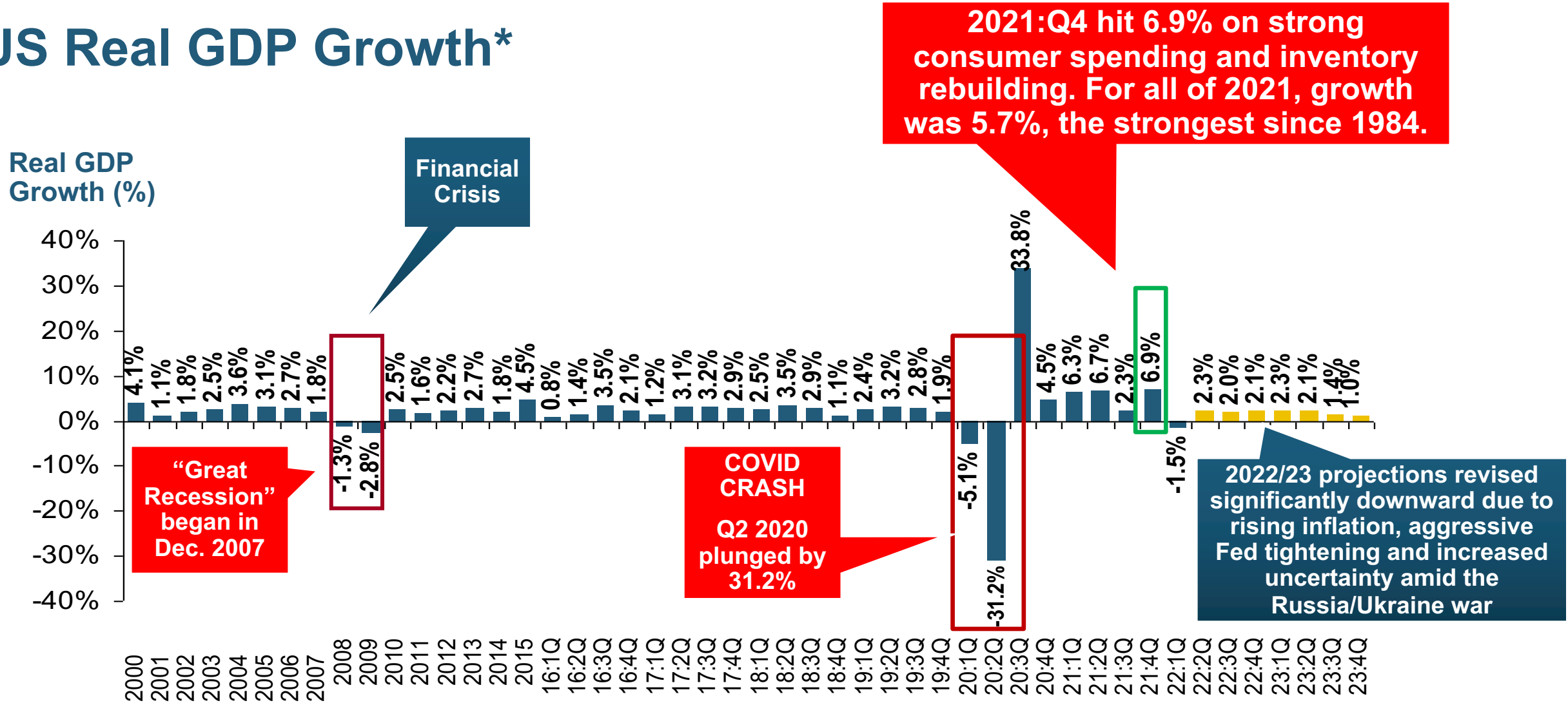
Sources: PCS, RMS, Aon, Karen Clark & Co; USC Center for Risk and Uncertainty Management adjustments to 2020 dollars using the CPI.

The Economy

The Strength of the Economy Has Always Influenced Growth in Insurers' Exposure Base Across Most Lines—Including During the COVID-19 Pandemic

The Links Between the Economy and the P/C Insurance Industry Are Strengthening

US Real GDP Growth*

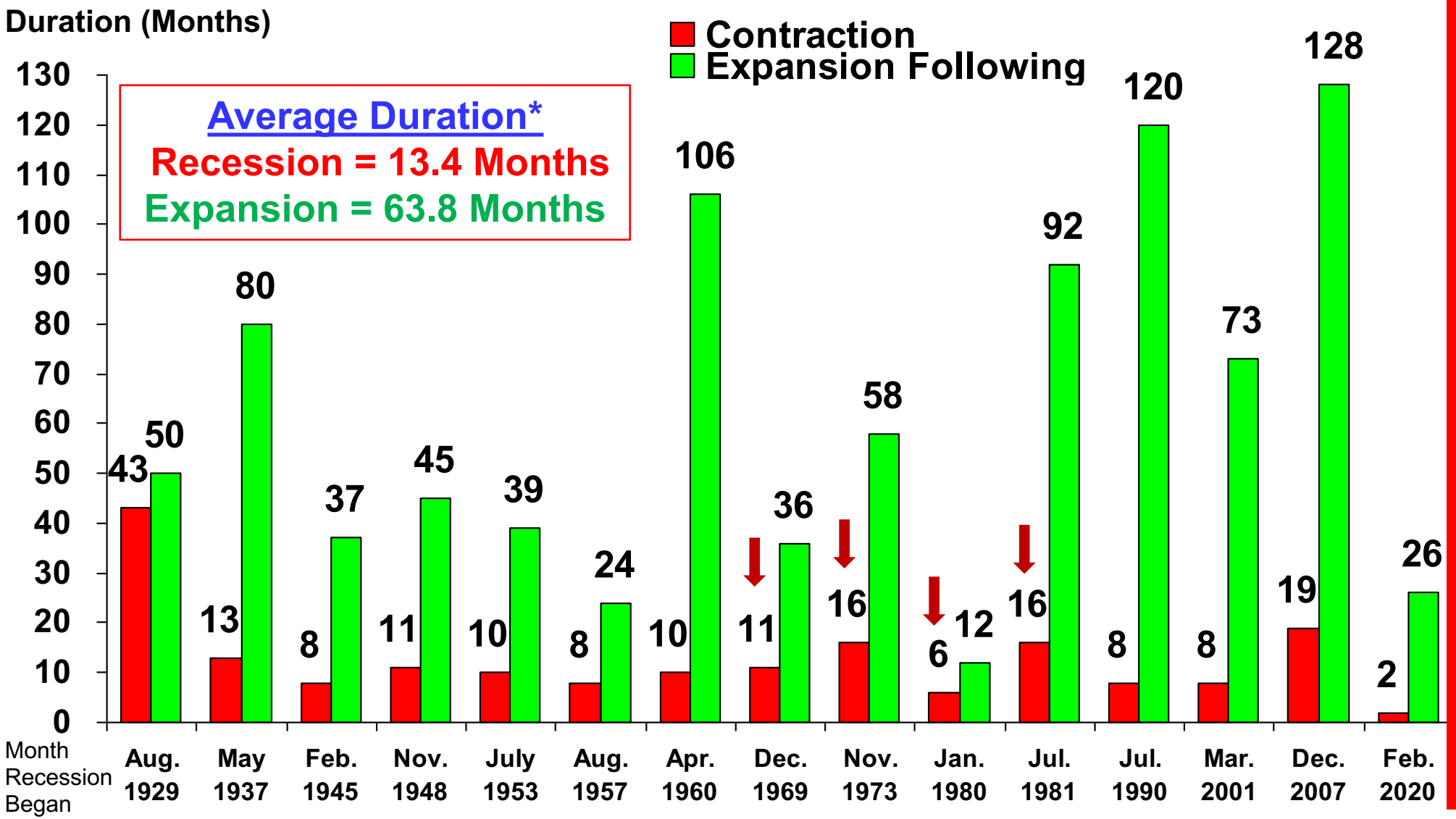


GDP Recovered to Q4 2019 Level in Q1 2021. Demand for Insurance Increased Materially in 2021/22—Particularly in Economically Sensitive Commercial Lines Such as WC

* Estimates/Forecasts from Wells Fargo Securities.

Source: US Department of Commerce, Wells Fargo Securities 5/22; Center for Risk and Uncertainty Management, University of South Carolina.

Length of US Business Cycles, 1929-Present

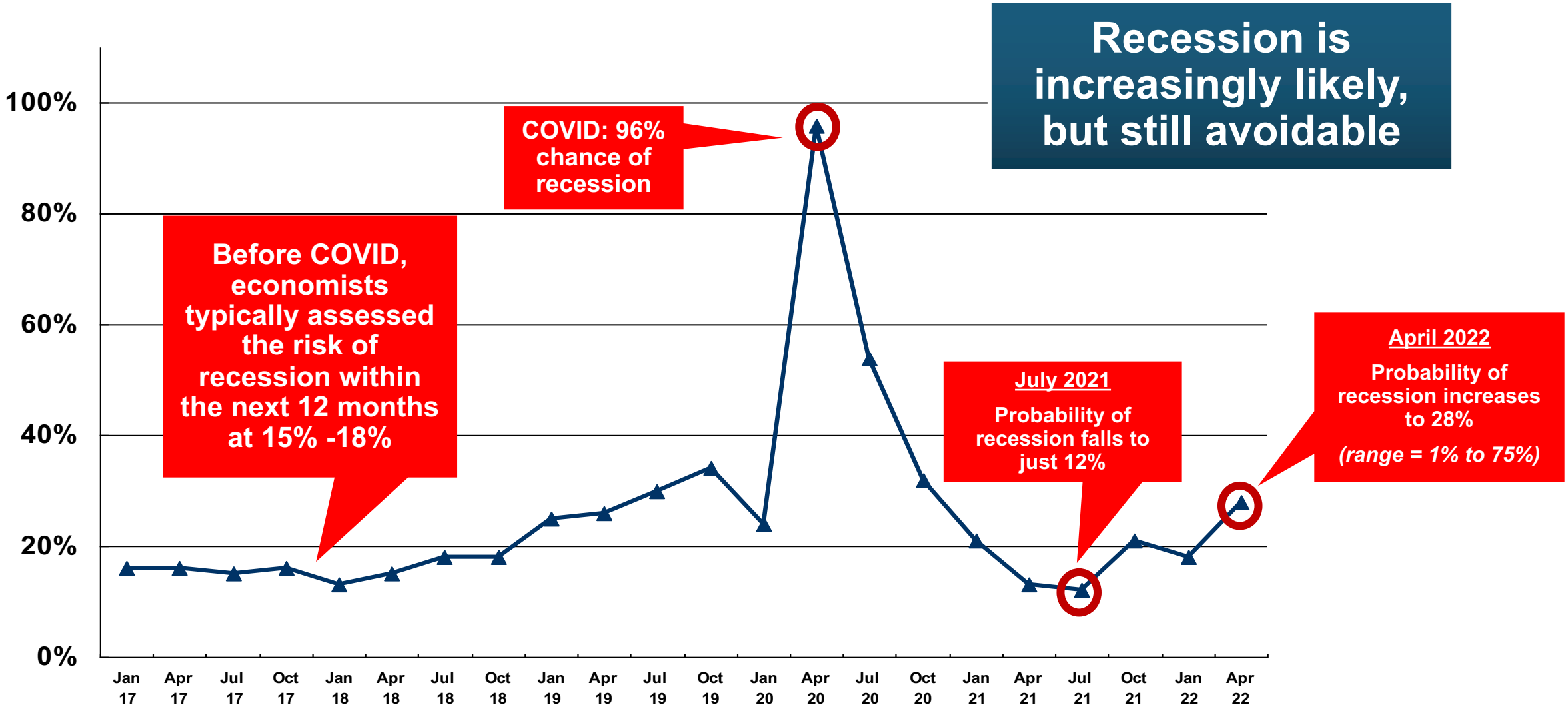


- The Covid recession lasted just 2 months, ending in April 2020, the shortest on record
- Covid abruptly ended the longest economic expansion in US history, which spanned nearly 11 years
- *From 1970 – 1982, the economy was in recession for 48 months through 4 recessions (vs. just 4 months over the past 13 years)*

*Excluding Covid-19 recession.

Sources: National Bureau of Economic Research; Risk and Uncertainty Management Center, University of South Carolina.

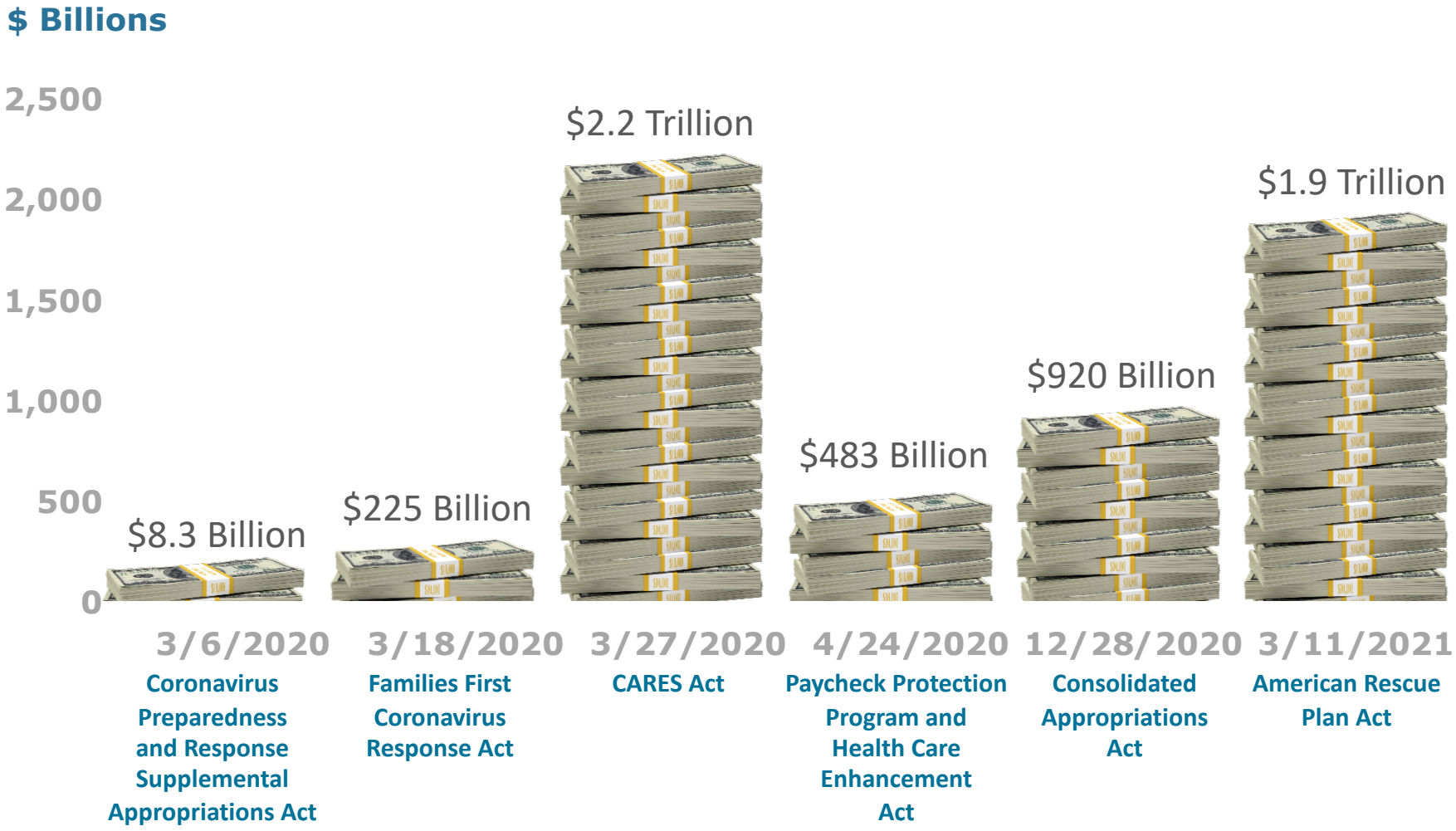
Probability the U.S. Is in a Recession Within Next 12 Months: Jan. 2017 – Apr. 2022*



*April 2022 survey included the responses of 75 economists.

Source: Wall Street Journal surveys of economists: https://www.wsj.com/articles/recession-risk-is-rising-economists-say-11649592002; Risk and Uncertainty Management Center, University of South Carolina.

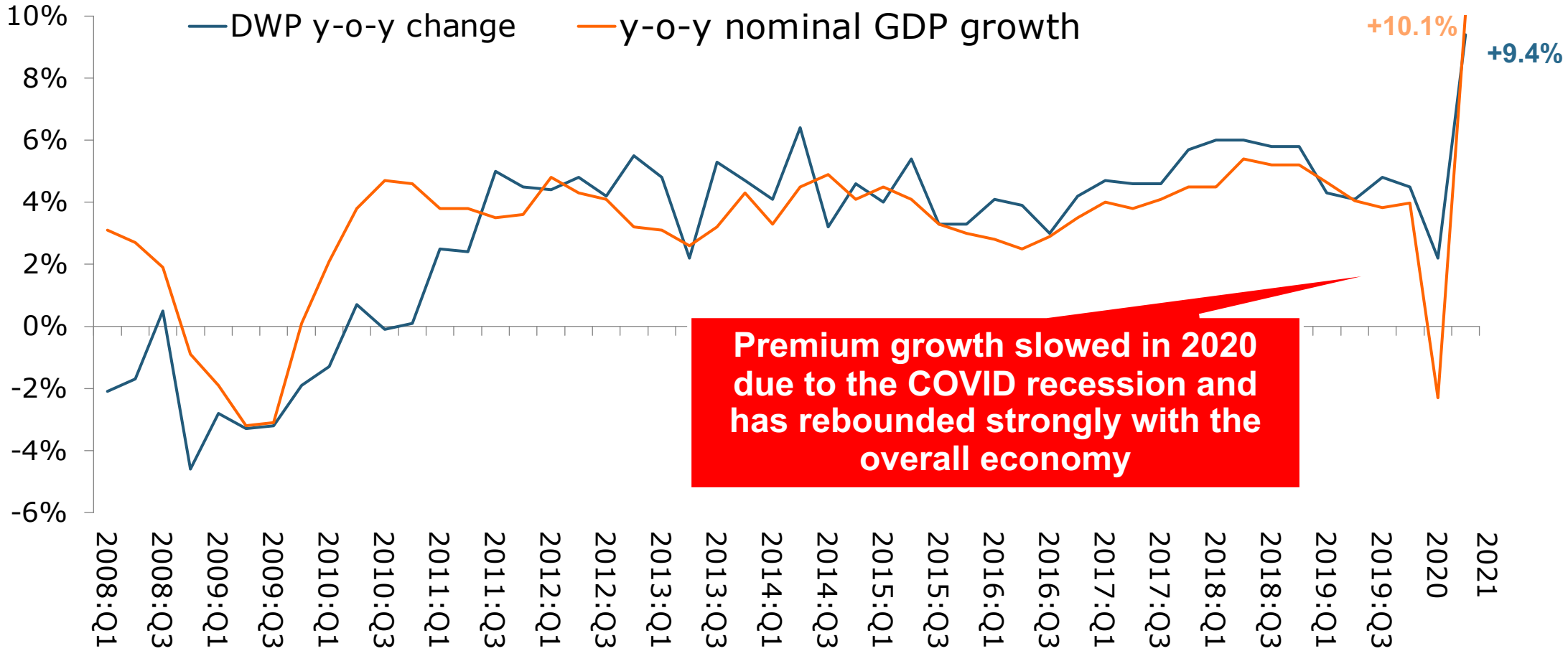
COVID-19 Stimulus Plans



To date, Congress has passed 6 COVID-19 relief bills, providing as much as $5.7 trillion in assistance

The Economy Drives P/C Insurance Industry Premiums: 2006:Q1–2021*

Direct Premium Growth (All P/C Lines) vs. Nominal GDP: Quarterly Y-o-Y Pct. Change



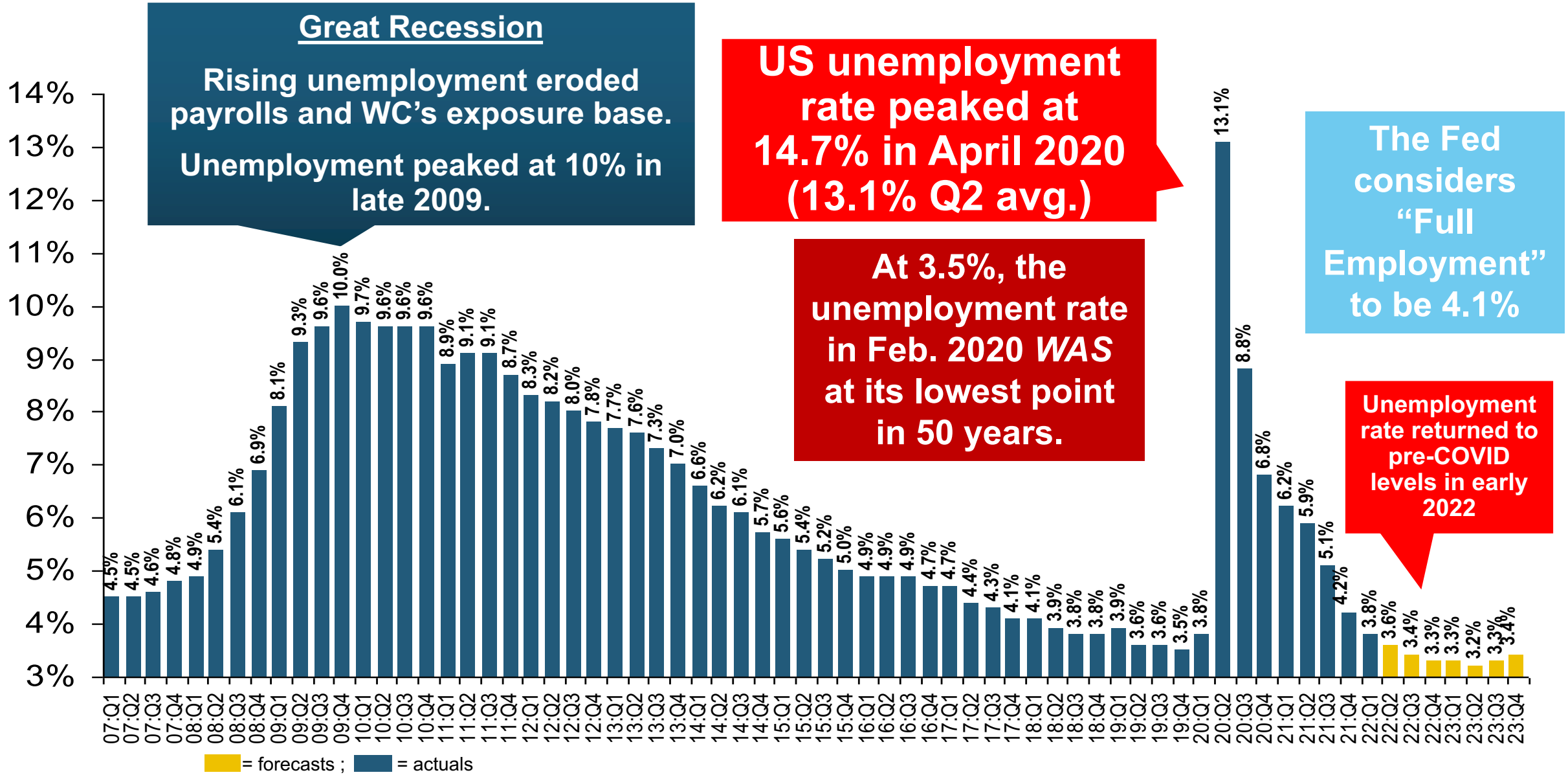
Premium growth slowed in 2020 due to the COVID recession and has rebounded strongly with the overall economy

Direct written premiums track nominal GDP fairly tightly over time, suggesting the P/C insurance industry's growth prospects inextricably linked to economic performance.

*2020-21 figures are annual;.

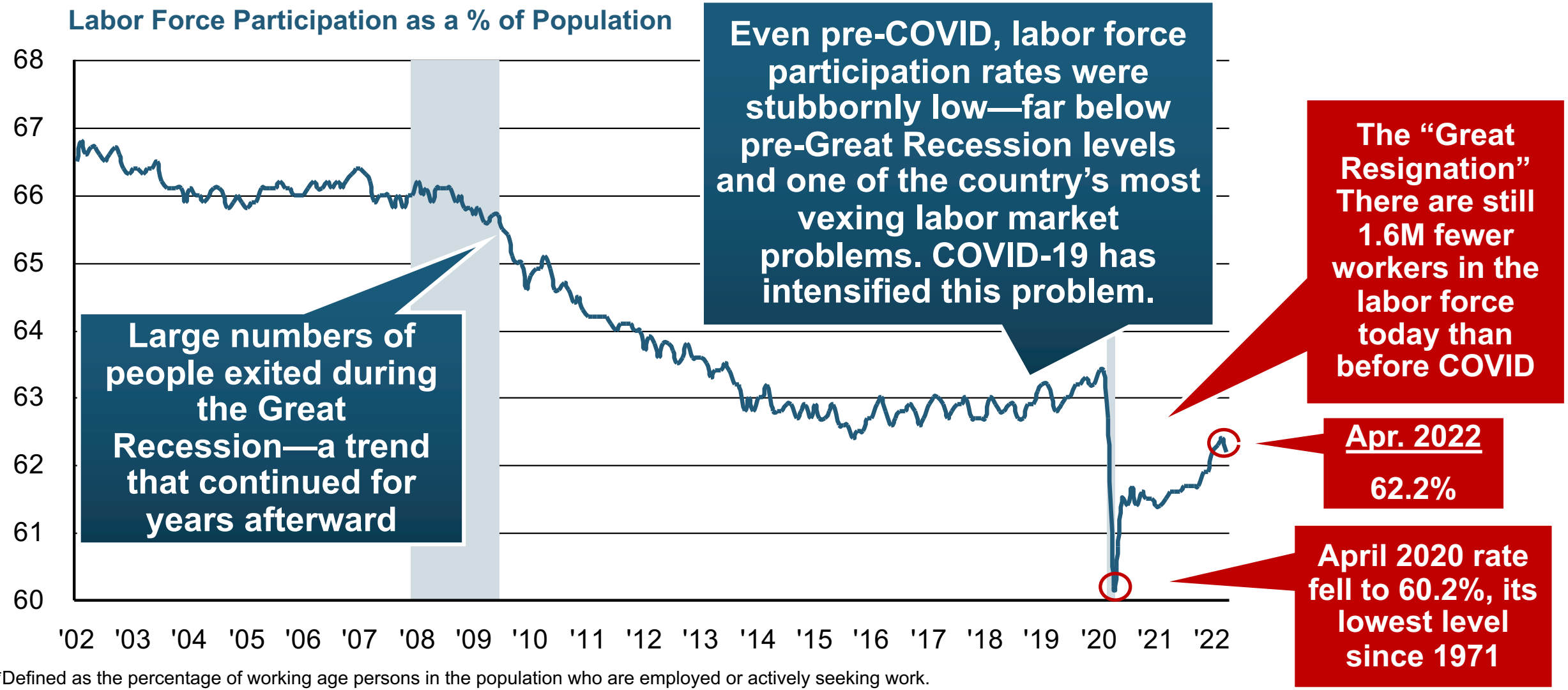
Sources: SNL Financial; U.S. Commerce Dept., Bureau of Economic Analysis; ISO; I.I.I.; Risk and Uncertainty Management Center, University of South Carolina.

US Unemployment Rate Forecast: 2007:Q1–2023:Q4



Sources: US Bureau of Labor Statistics; Wells Fargo Securities (5/22 edition); Risk and Uncertainty Management Center, University of South Carolina.

Labor Force Participation Rate, Jan. 2002–Apr. 2022*



*Defined as the percentage of working age persons in the population who are employed or actively seeking work.

Note: Recessions indicated by gray shaded columns.

Sources: US Bureau of Labor Statistics at http://www.bls.gov/data/; National Bureau of Economic Research (recession dates); Center for Risk and Uncertainty Management, University of South Carolina.

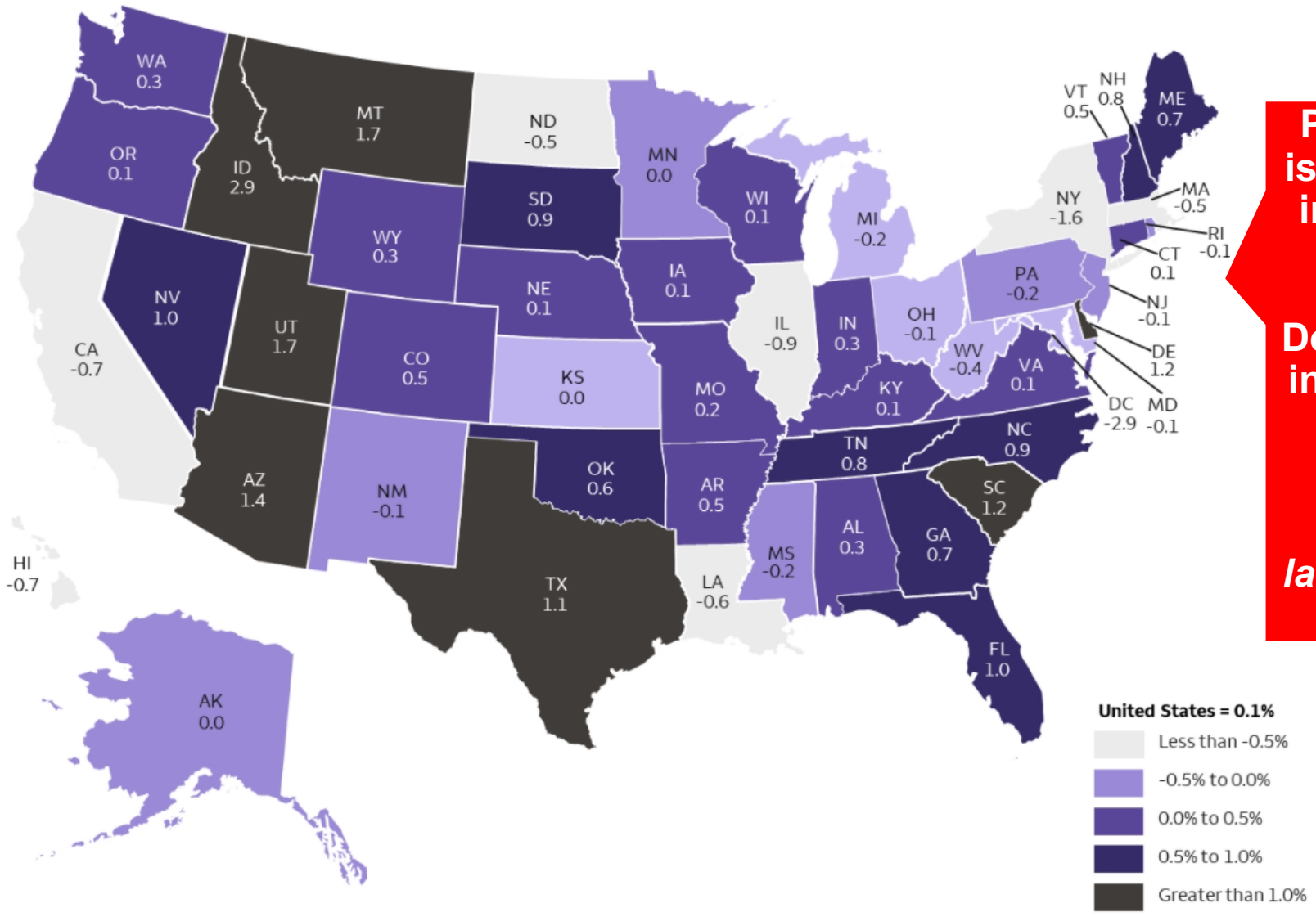
Population Change by State, July 2020–July 2021 (U.S.: 0.1%)

Top 5

ID	2.9%
MT	1.7%
UT	1.7%
AZ	1.4%
SC	1.2%

Bottom 5

NY	-1.6%
IL	-0.9%
CA	-0.7%
HI	-0.7%
LA	-0.6%

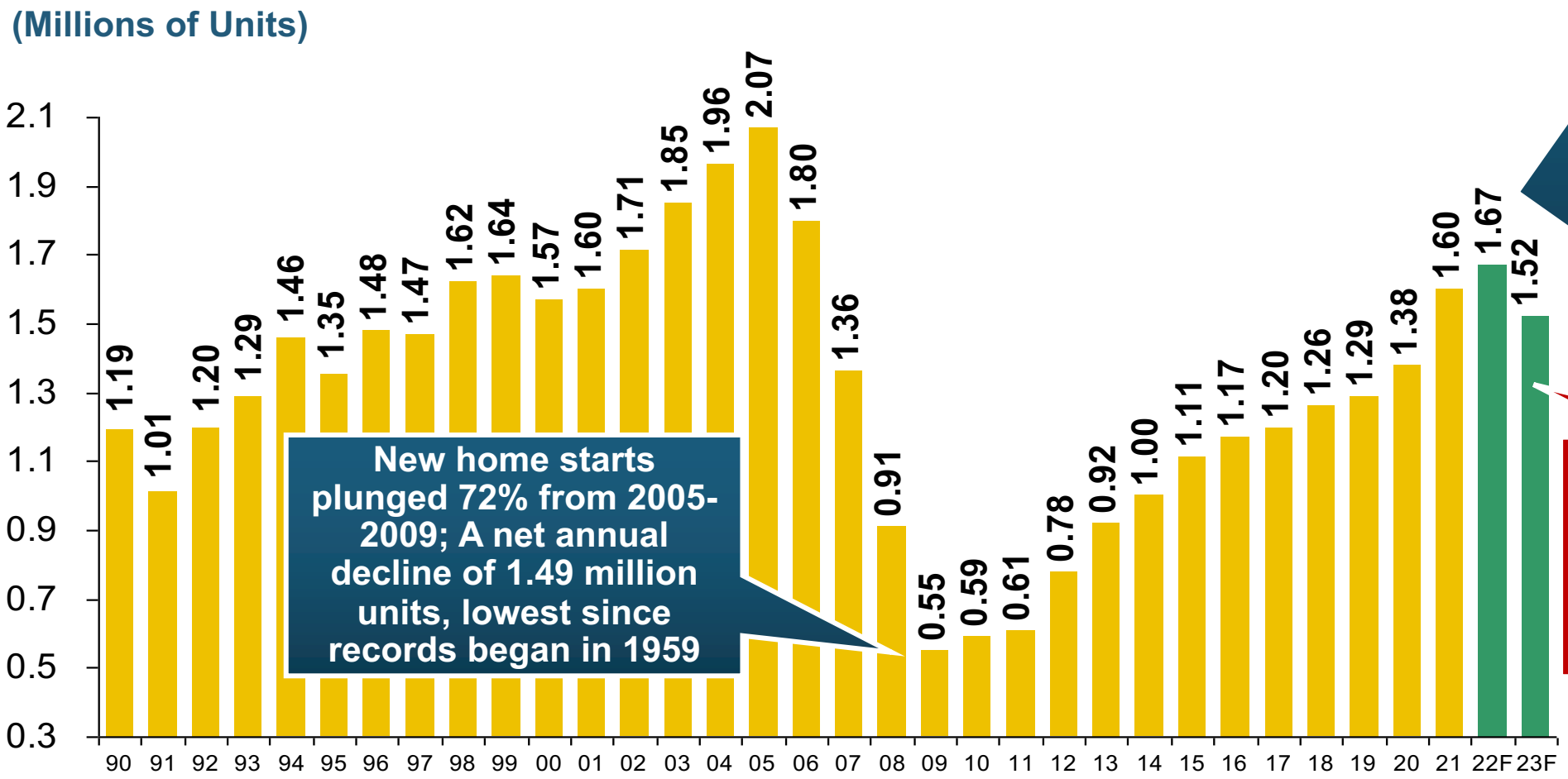


Population growth is a driver of growth insurance demand and insurable exposure. Demographic trends in the Northeast are generally weak.

NY state experienced the largest decline (in % terms) in the US.

Source: U.S. Census Bureau, Dec. 2021 estimates, www.census.gov/popest; Wells Fargo Securities; Risk an Uncertainty Management Center, University of South Carolina.

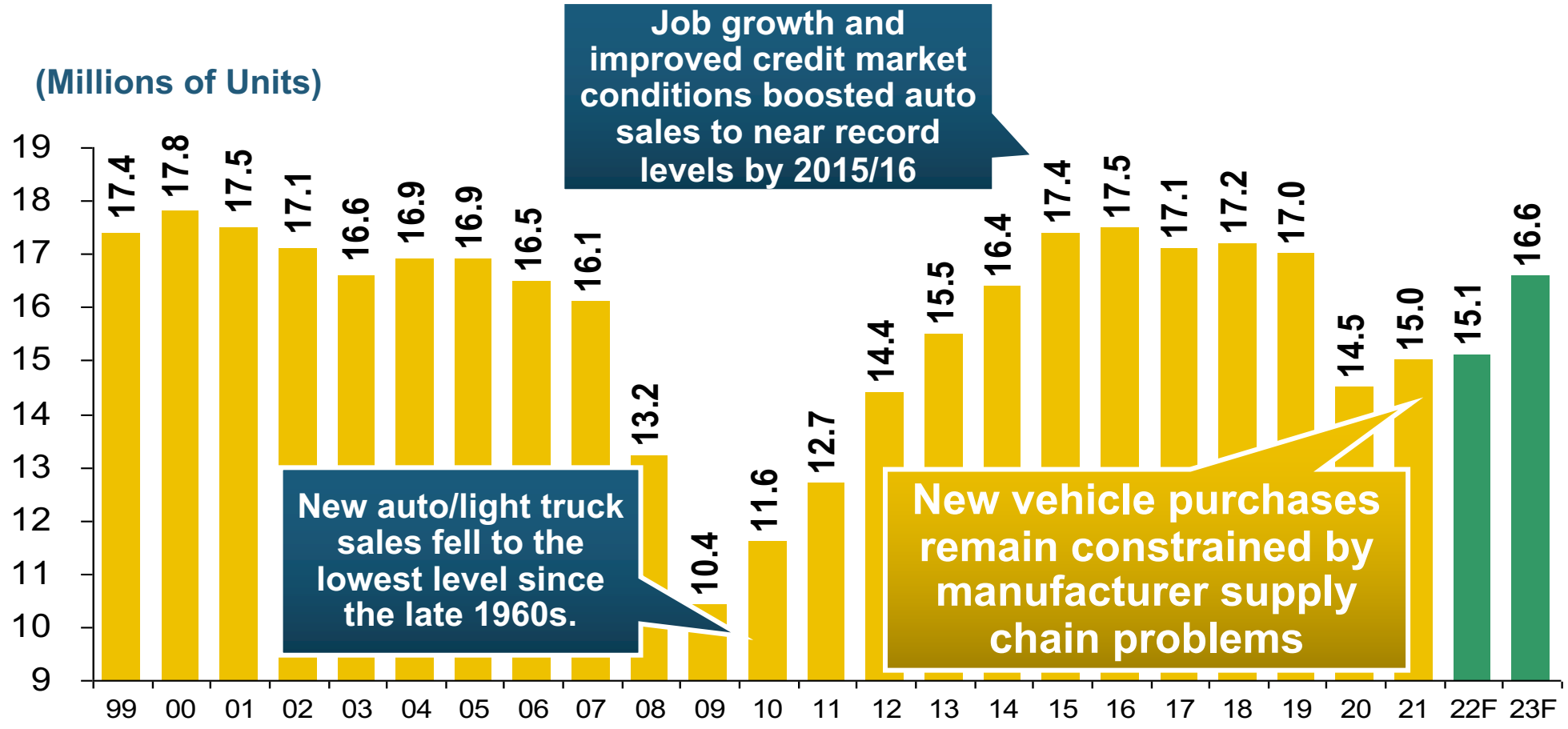
New Private Housing Starts, 1990-2023F



Insurers Are Continue to See Meaningful Exposure Growth in the Homeowners Line as well as Lines Associated with Home Construction: Construction Risk Exposure, Surety, Commercial Auto; Potent Driver of Workers Comp Exposure

Source: U.S. Department of Commerce; Wells Fargo Securities (5/22 for 2022-23); Univ. of South Carolina, Center for Risk and Uncertainty Management..

Auto/Light Truck Sales, 1999-2023F



Yearly car/light truck sales remain below pre-COVID levels. Auto manufacturer supply chain issues are expected to linger through 2022. PP Auto premium might grow by 3.5% - 5%.

Source: U.S. Department of Commerce; Wells Fargo Securities (5/22 for 2021-22); Univ. of South Carolina, Center for Risk and Uncertainty Management..

INFLATION

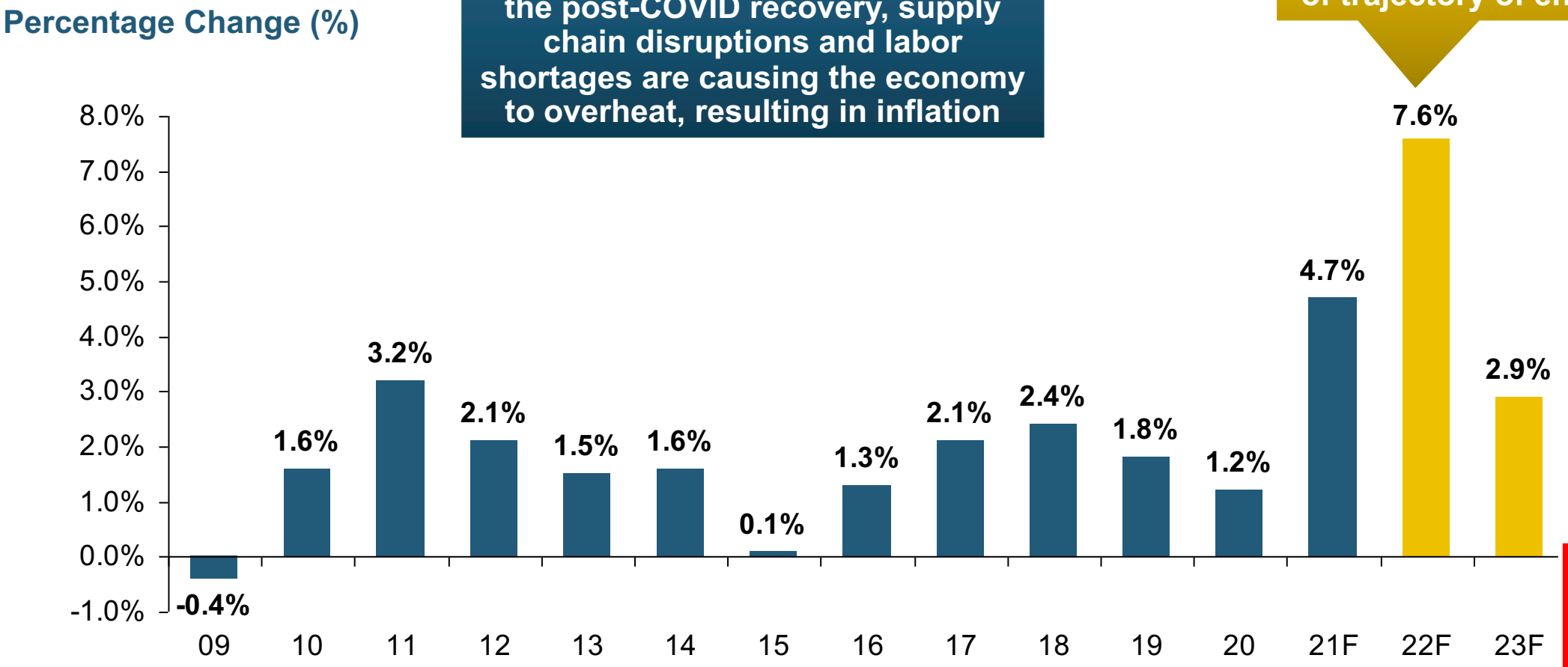
Claim Inflation Is Here Today

Rate and Reserve Adequacy and Insurance-to-Value Are Concerns if Current Inflationary Trends Persist

U.S. Inflation Rate: 2009-2023F*

There's a great deal of concern that trillions of dollars of stimulus plus the post-COVID recovery, supply chain disruptions and labor shortages are causing the economy to overheat, resulting in inflation

Inflation accelerated sharply in 2021 and early 2022. Inflation is now not expected to moderate until Q2 2022; Forecast is highly dependent of trajectory of energy prices



Insurer Concerns About Inflation

Rate Inadequacy

Reserve Inadequacy

*Annual change in Consumer Price Index for All Urban Consumers (CPI-U).

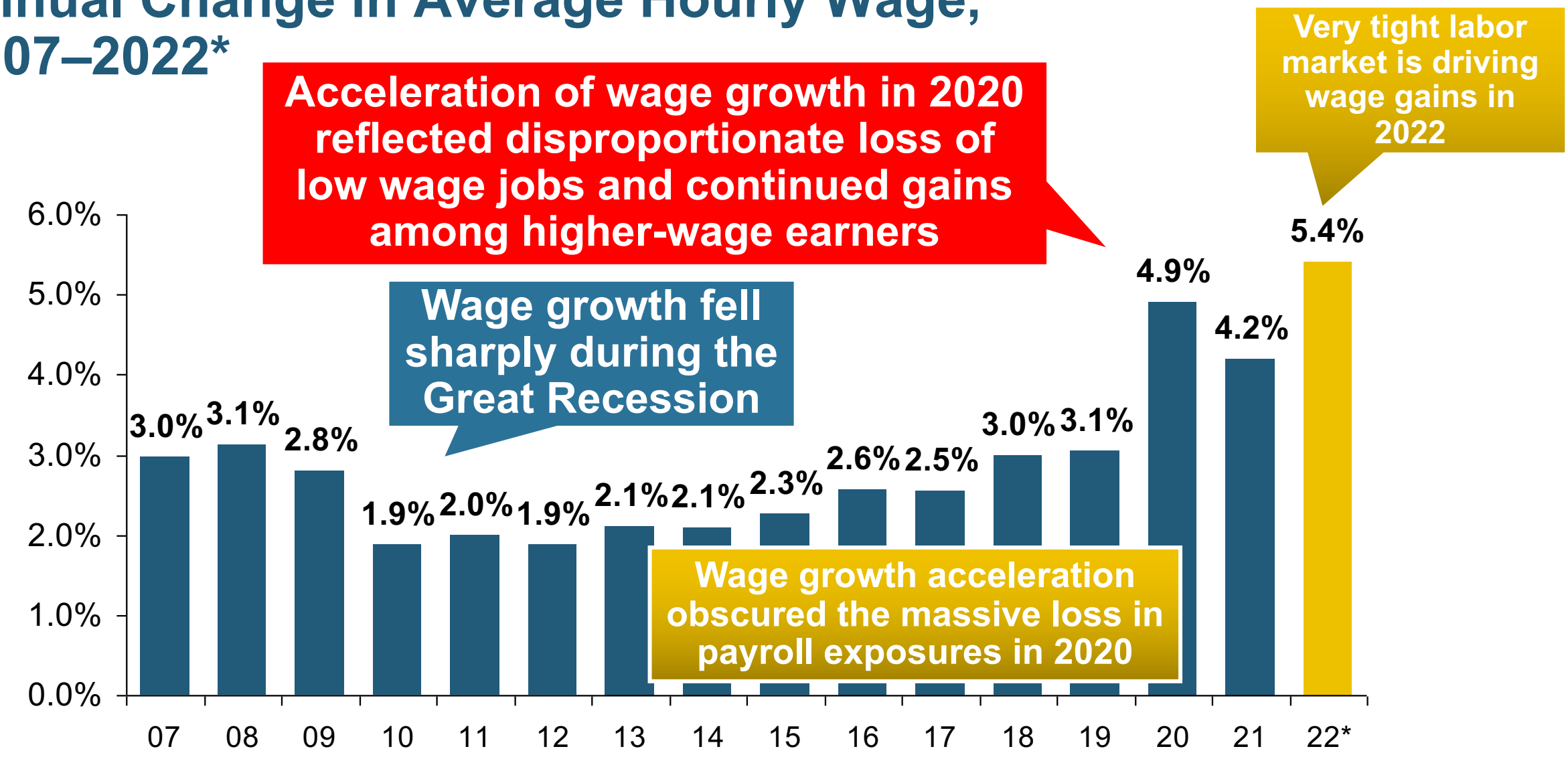
Source: U.S. Bureau of Labor Statistics; Wells Fargo Securities (5/22); USC Center for Risk and Uncertainty Management.

Crude Oil Prices: Price per Barrel,
Jan. 1970 – May 2022 (Inflation Adjusted)

Crude above $100/bbl—a quintupling from its pandemic low—causing market panic and fueling inflation. The Russian invasion of Ukraine, US ban of Russian oil is exacerbating oil price pressures.

Sources: Macrotrends.net accessed 5/30/22 at: https://www.macrotrends.net/1369/crude-oil-price-history-chart; Risk and Uncertainty Management Center, University of South Carolina.

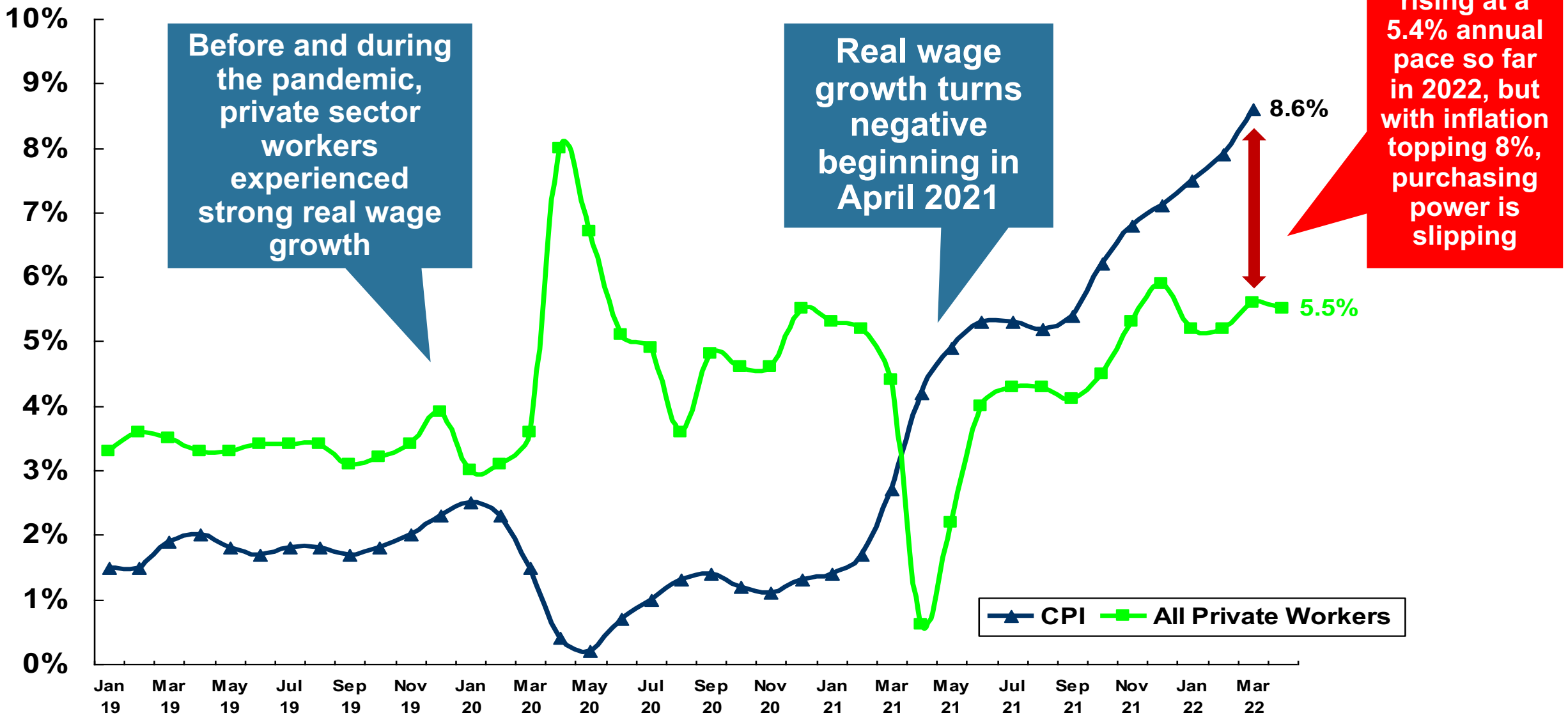
Annual Change in Average Hourly Wage, 2007–2022*



*2022 figure is average of monthly year-over-year increases through April 2022.

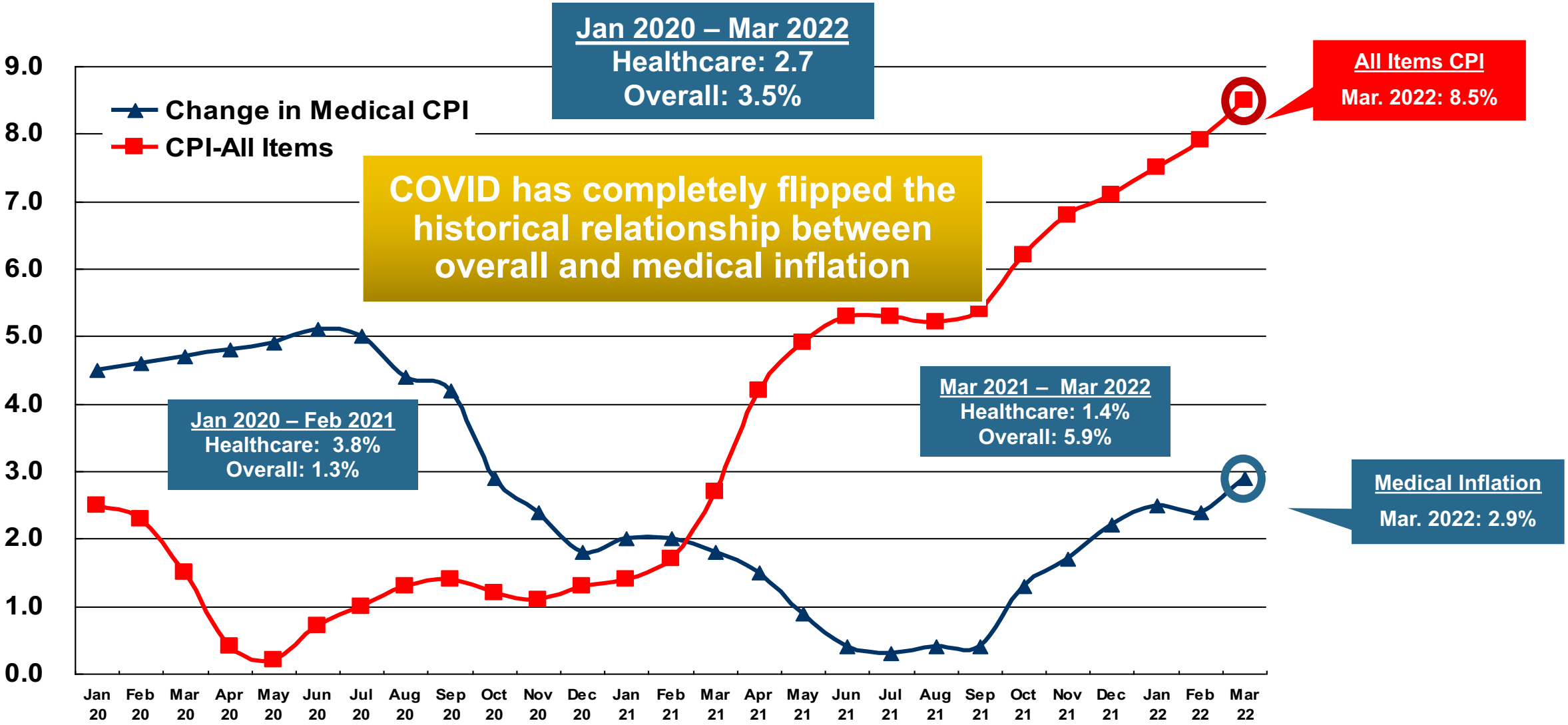
Sources: US Bureau of Labor Statistics at http://www.bls.gov/data/#employment; National Bureau of Economic Research (recession dates); Risk and Uncertainty Management Center, Univ. of South Carolina.

Inflation (CPI) vs. Hourly Earnings Growth: Jan. 2019 – Apr. 2022*



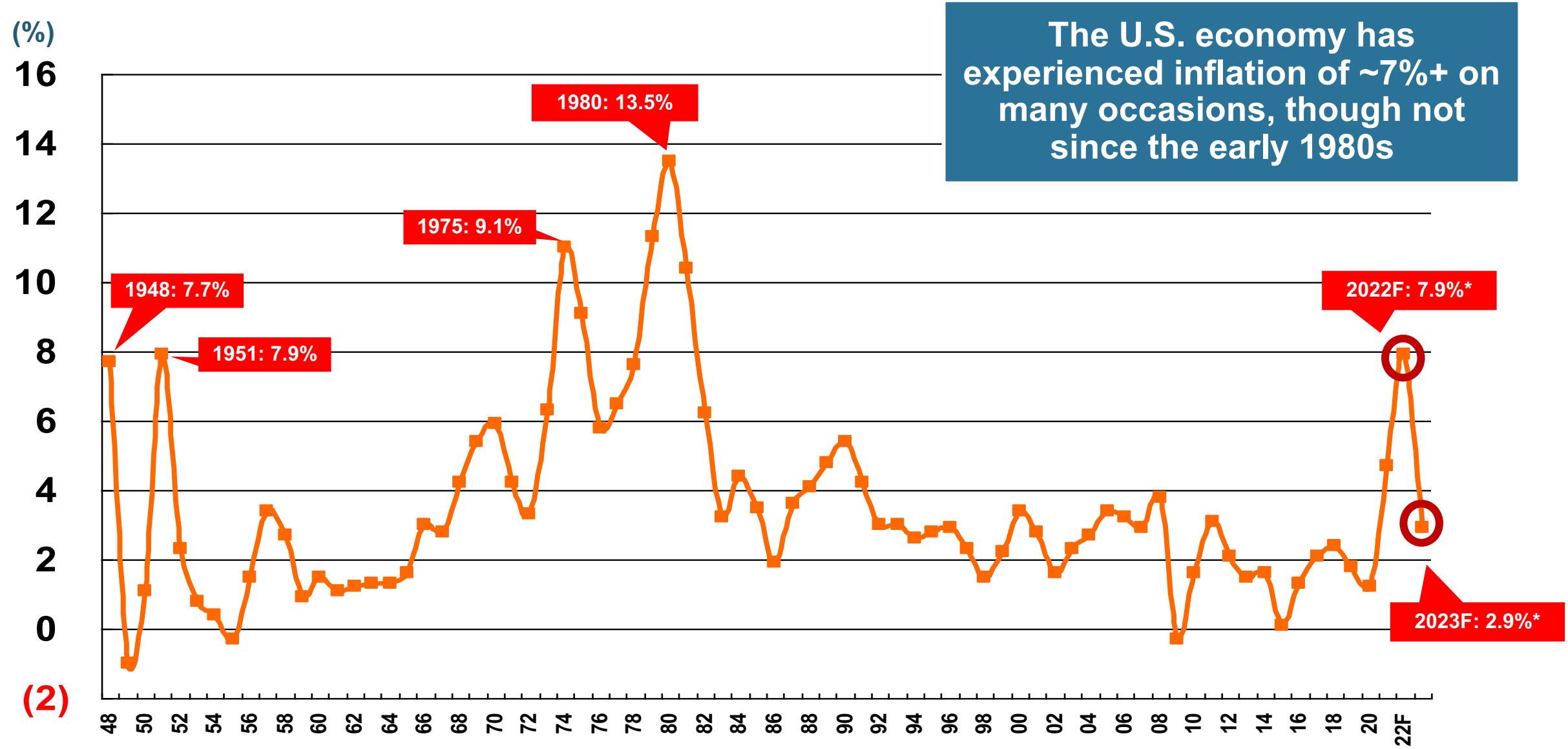
Sources: U.S Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

Medical Cost Inflation vs. Overall CPI During COVID, Jan. 2020 – Mar. 2022 *(Percent Change from Year Ago)*



Sources: US Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

Rate of Inflation (CPI-U), 1948–2023F*



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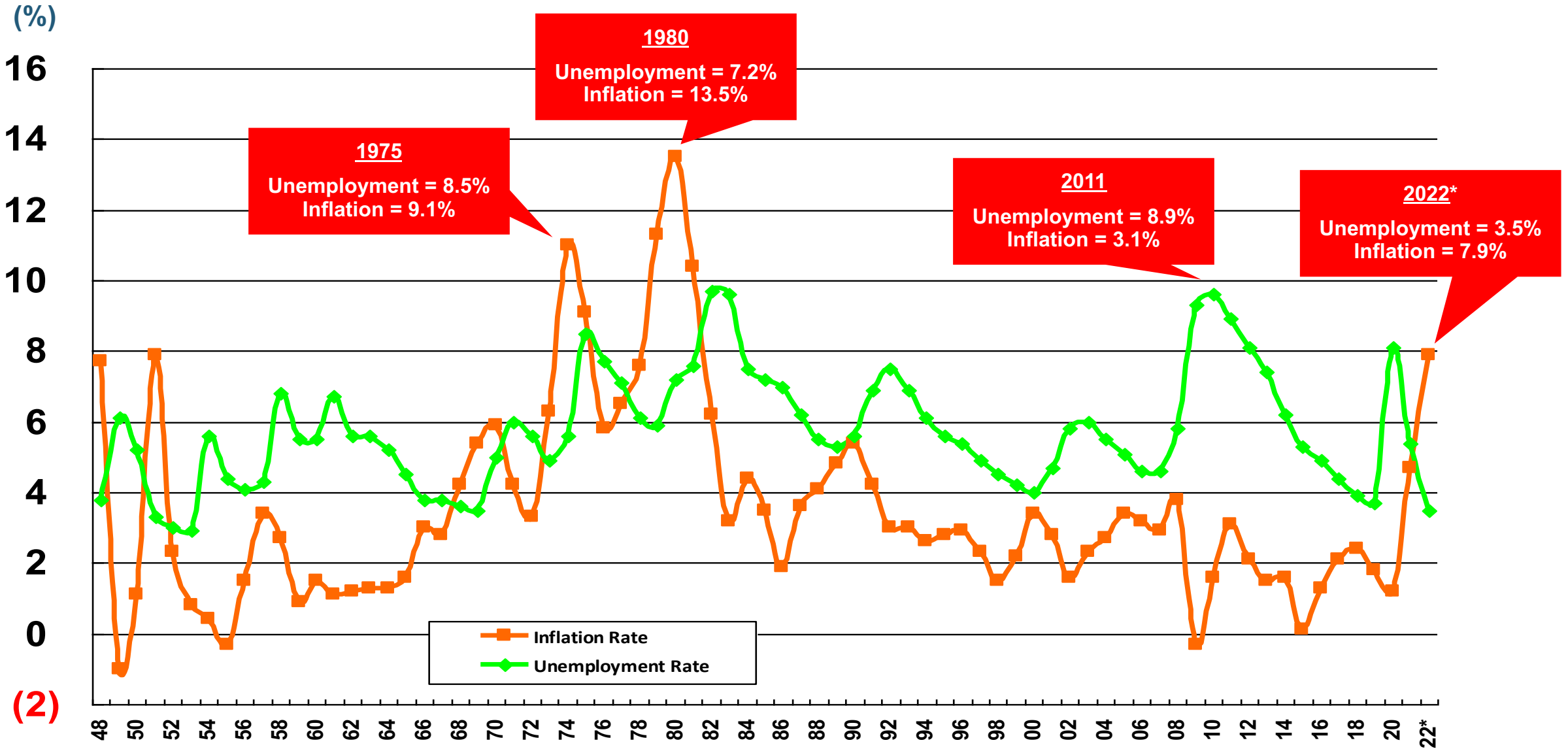
*2022/23 forecast are from (Wells Fargo Securities, 5/2022 forecast).
Source: U.S. Bureau of Labor Statistics; Center for Risk and Uncertainty Management, University of South Carolina.

Inflation and Unemployment Rate, 1948–2022*



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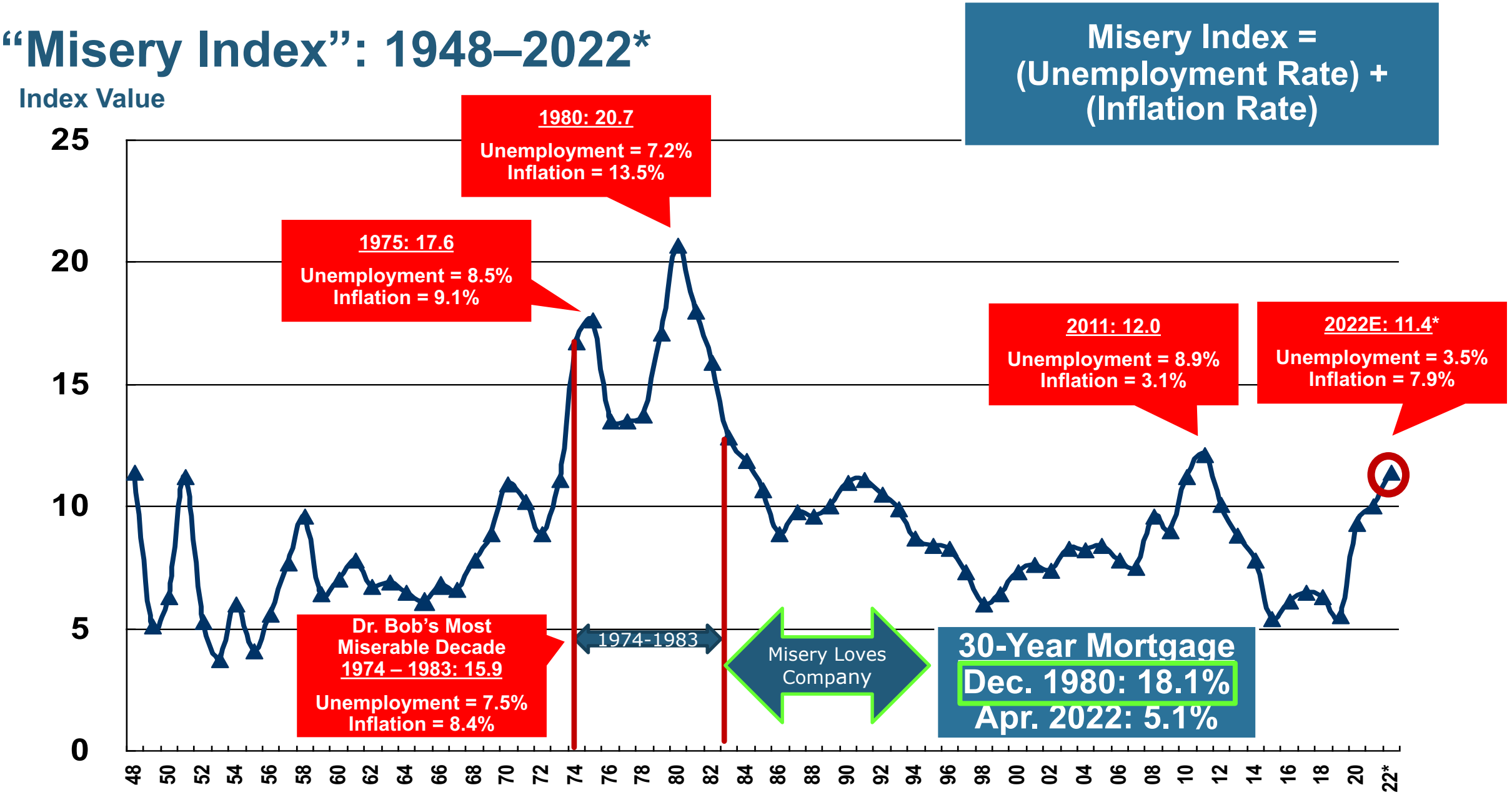
*2022 forecast based on Wells Fargo Securities forecasts (5/22).
Source: U.S. Bureau of Labor Statistics; Center for Risk and Uncertainty Management, University of South Carolina.

“Misery Index”: 1948–2022*

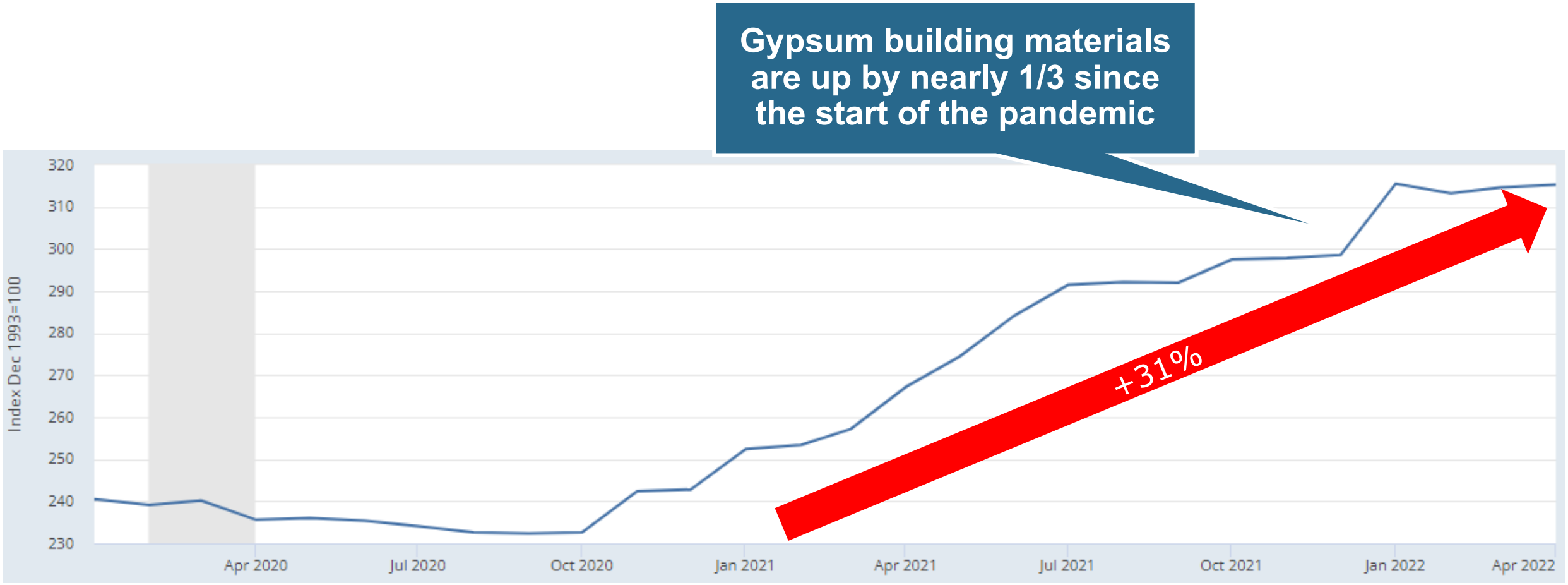


*Estimated based on Wells Fargo Securities forecasts as 5/22.
Source: U.S. Bureau of Labor Statistics; Center for Risk and Uncertainty Management, University of South Carolina.

Producer Price Index: Lumber and Wood Products, Jan. 2020 – Apr. 2022

Sources: US Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

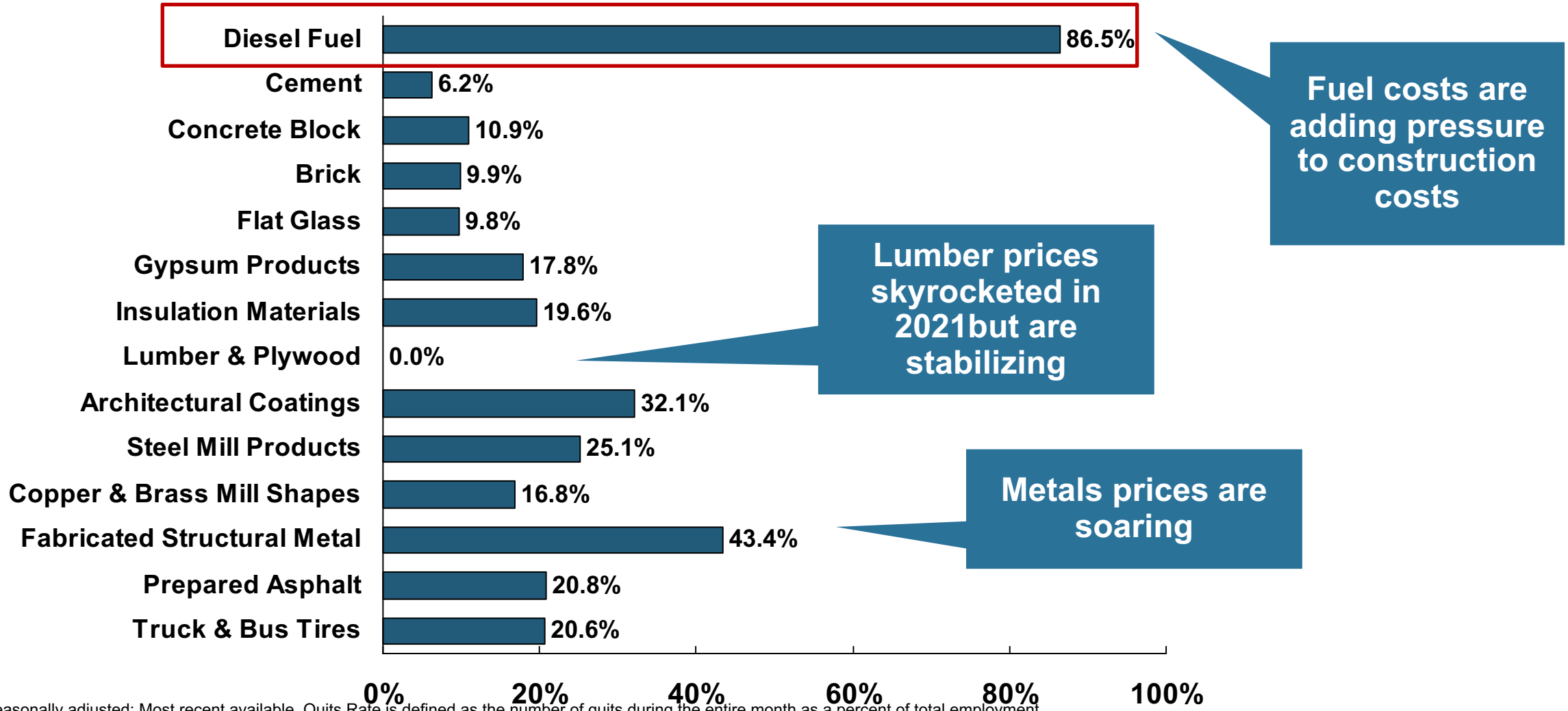
Producer Price Index: Gypsum Building Materials, Jan. 2020 – Apr. 2022



Sources: US Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

PPIs for Select Processed Goods Important to Construction

(April 2022 vs. April 2021)



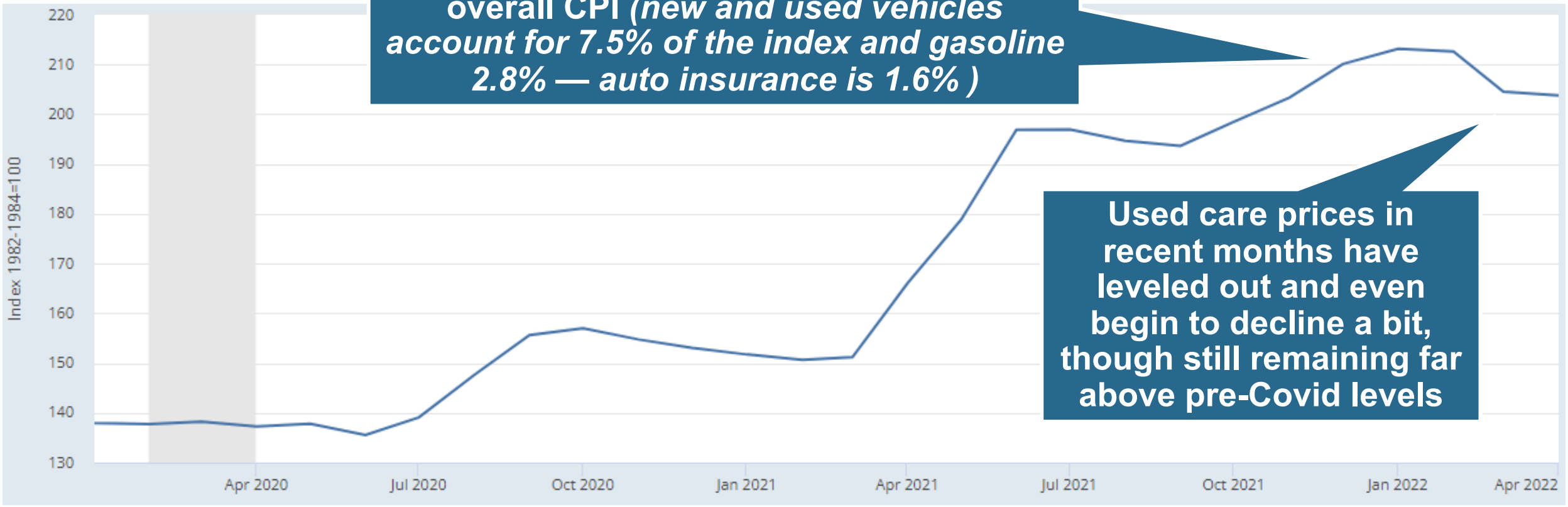
*Seasonally adjusted; Most recent available. Quits Rate is defined as the number of quits during the entire month as a percent of total employment.

Note: Recessions indicated by gray shaded columns.

Sources: US Bureau of Labor Statistics JOLTS survey: at http://www.bls.gov/jlt/; National Bureau of Economic Research (recession dates); Center for Risk and Uncertainty Management, University of South Carolina.

Price Index Changes for Used Cars & Trucks, Jan. 2020 – Apr. 2022

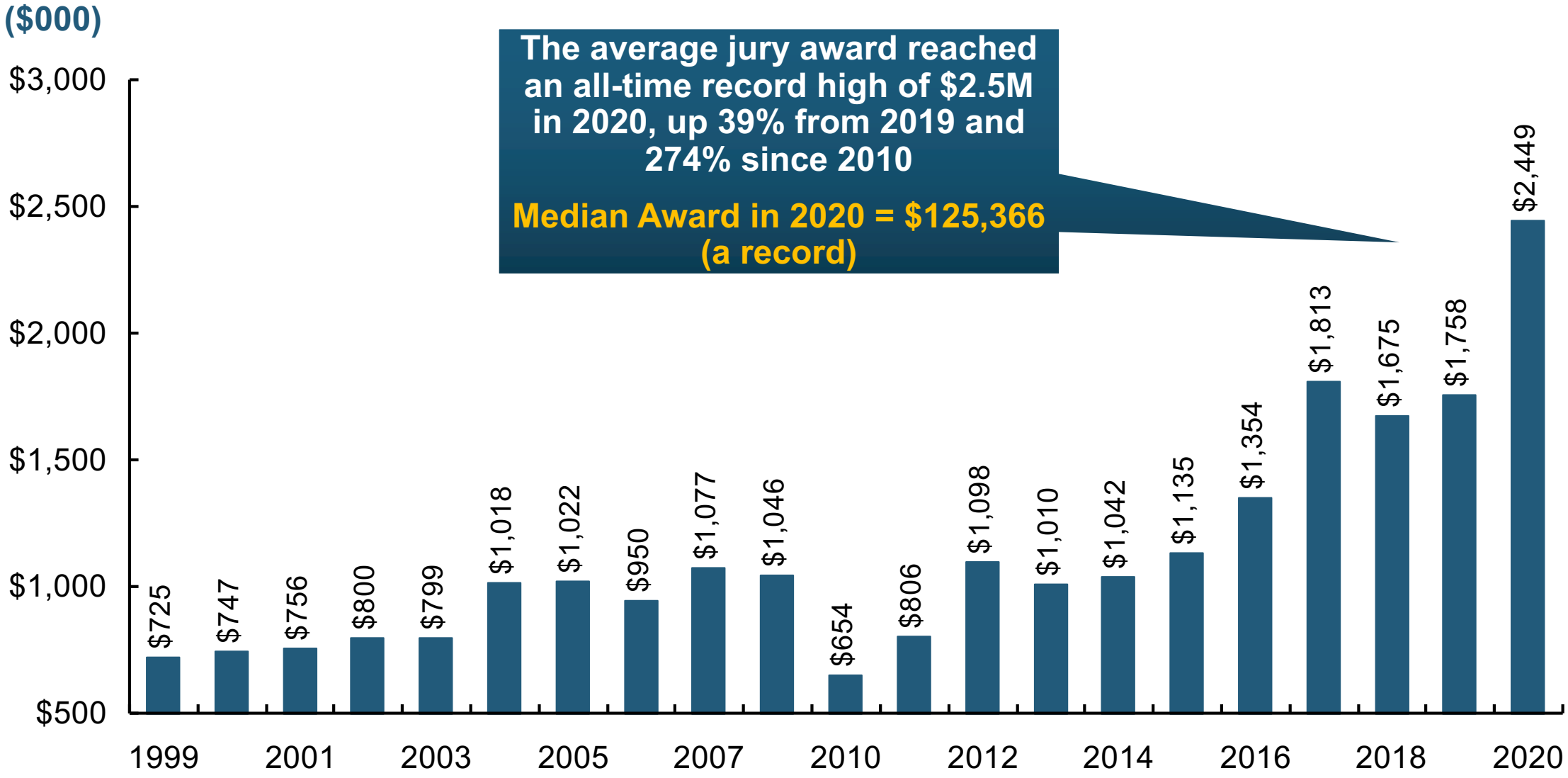
New and Used Vehicle prices have surged during the pandemic, +47.7% since Jan. 2020—putting significant pressure on the overall CPI *(new and used vehicles account for 7.5% of the index and gasoline 2.8% — auto insurance is 1.6%)*



Used care prices in recent months have leveled out and even begin to decline a bit, though still remaining far above pre-Covid levels

Sources: US Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

Average Jury Awards, 1999 – 2020 (latest available)



Source: Jury Verdict Research; *Current Award Trends in Personal Injury* (61st Edition), Thomson Reuters; Risk and Uncertainty Management Center, Univ. of South Carolina.

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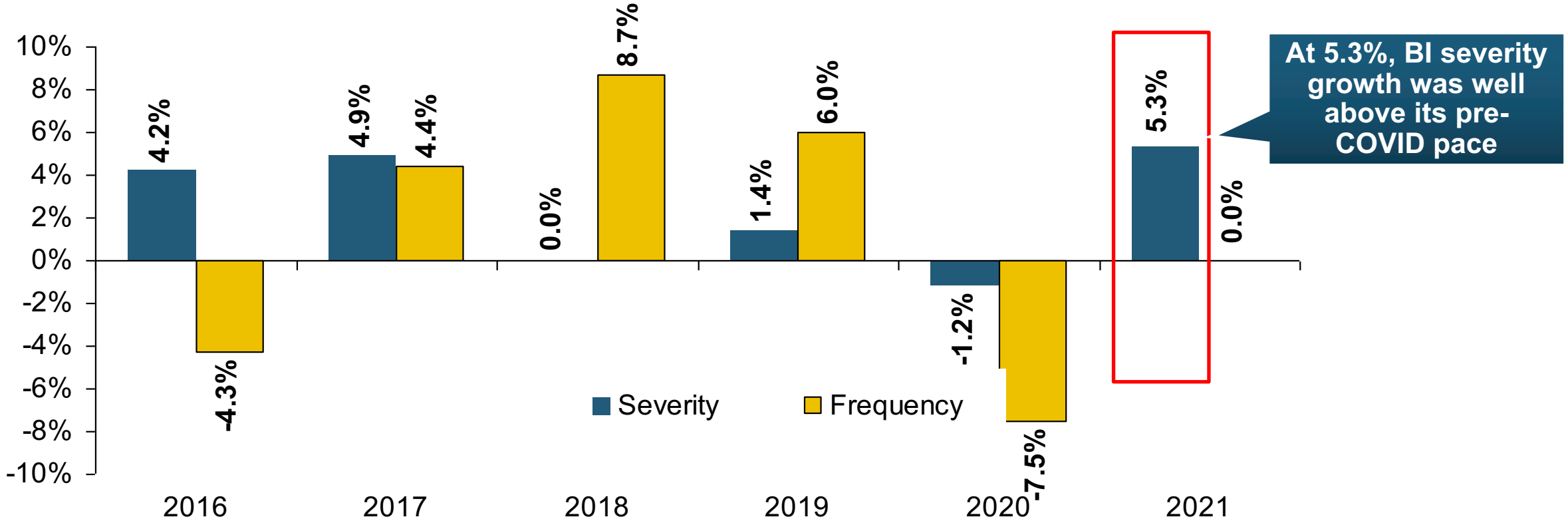
Private Passenger Auto Frequency & Severity Trends in New York

Data Through 2021 Show Large-Scale COVID Impacts on Claim Frequency and Severity

New York Coverage: BI Severity Up, Frequency Flat As State Began to Emerge from the Pandemic*

Annual Change, 2016 through 2021*

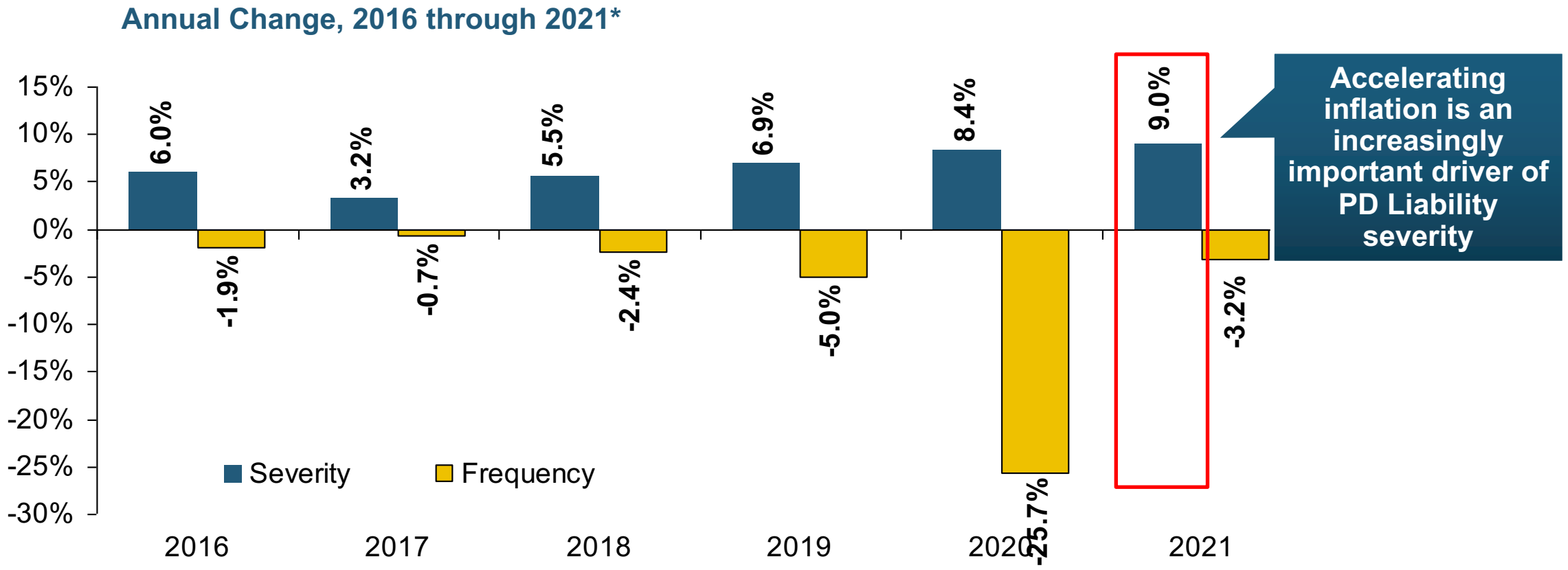


BI Severity Is Rising. Frequency will Likely Rise and Return to Pre-COVID Levels

*2021 data are for the 4 quarters ending Dec. 31, 2021.

Source: ISO/PCI *Fast Track* data; Risk and Uncertainty Management Center, University of South Carolina.

New York Coverage: Prop. Damage Liability Frequency and Severity Trends Roughly Offset*

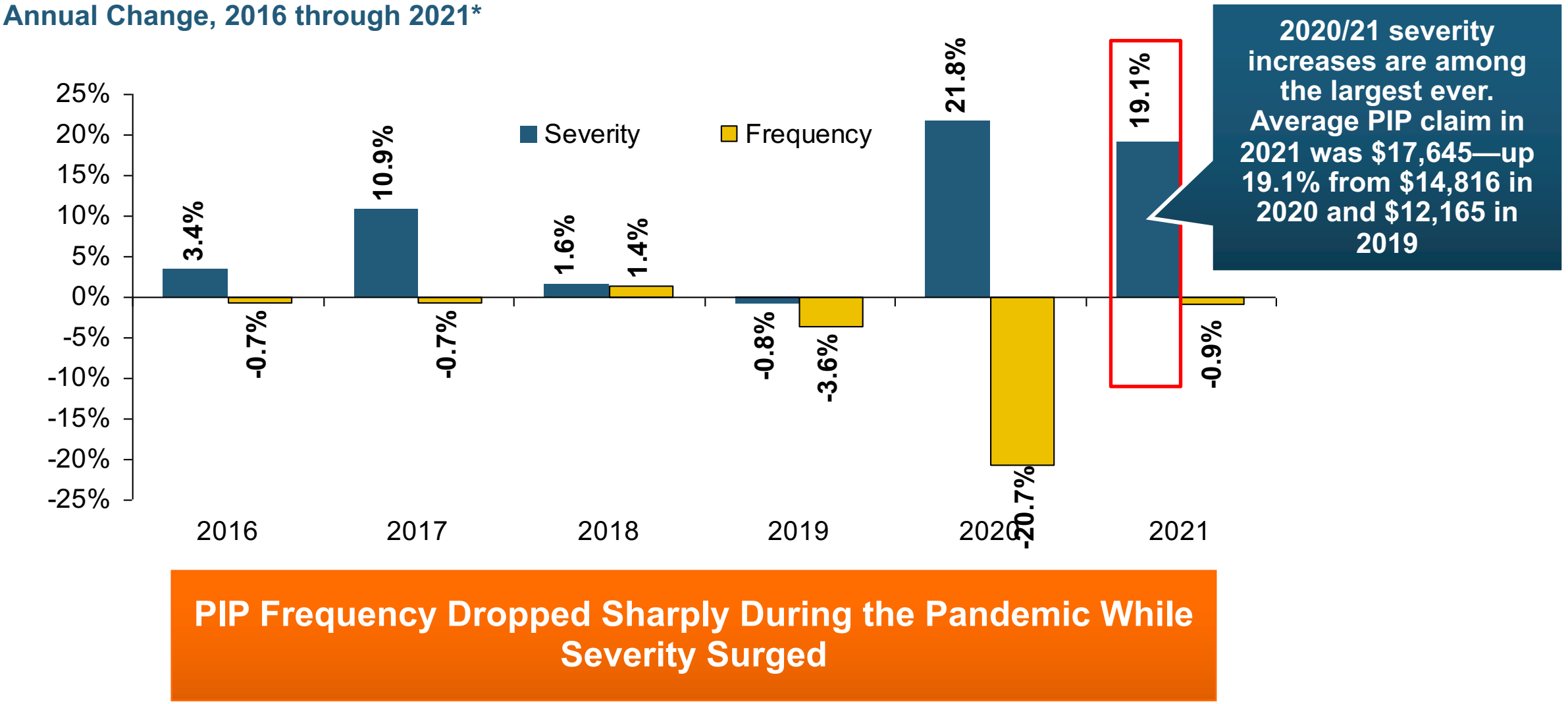


PD Severity Continued to Rise Throughout the Pandemic. Frequency Will Likely Snap Back Before Resuming Its Pre-COVID patter

*2021 data are for the 4 quarters ending Dec. 31, 2021.

Source: ISO/PCI *Fast Track* data; Risk and Uncertainty Management Center, University of South Carolina.

New York Coverage: Personal Injury Protection Frequency and Severity Changes Have Been Volatile*

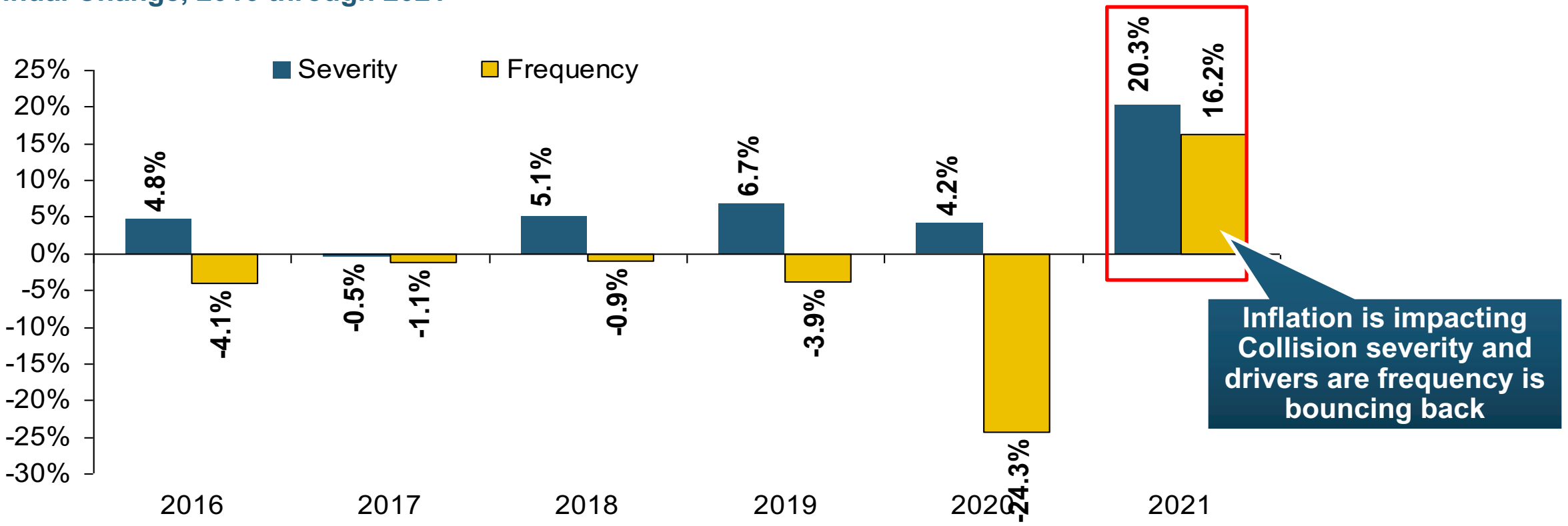


*2021 data are for the 4 quarters ending Jan. 31, 2021.

Source: ISO/PCI *Fast Track* data; Risk and Uncertainty Management Center, University of South Carolina.

New York Coverage: COVID Led to a Temporary Reduction in Collision Frequency and a Sharp Increase in Severity*

Annual Change, 2016 through 2021*

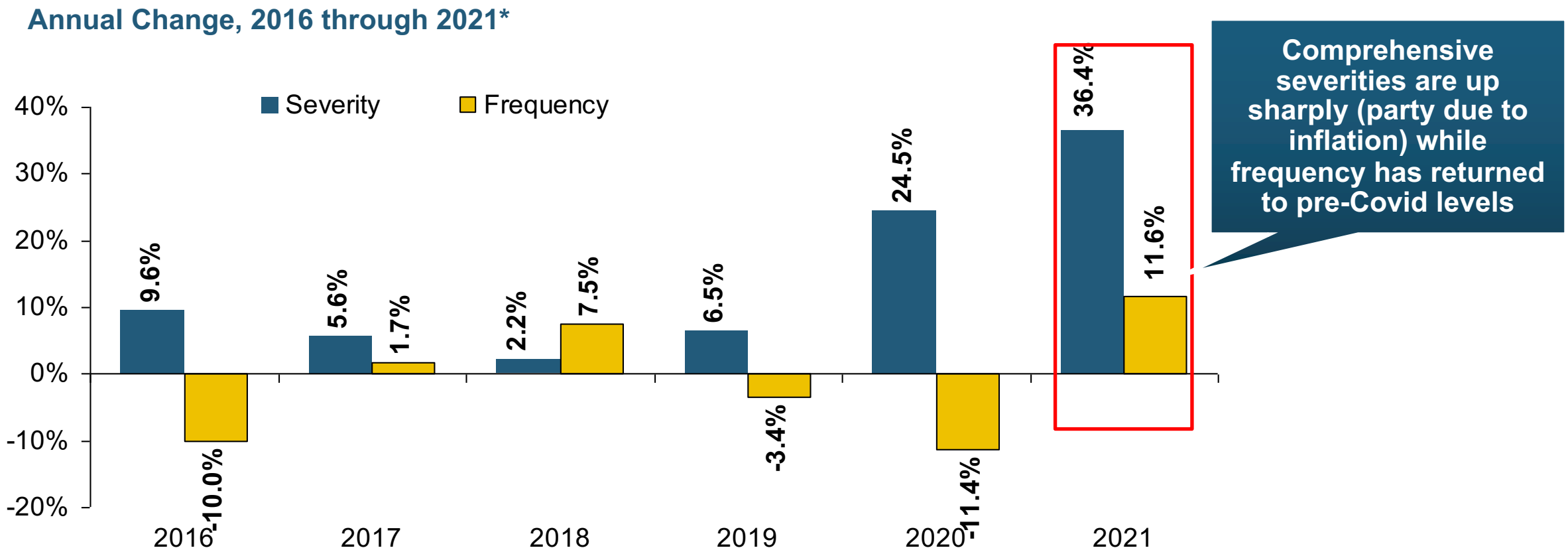


If 2021's Frequency and Severity Trends Continue throughout 2022, NY's Auto Insurance Market Will Experience Very Poor Results

*2021 data are for the 4 quarters ending Dec. 31, 2021.

Source: ISO/PCI *Fast Track* data; Risk and Uncertainty Management Center, University of South Carolina.

New York Coverage: COVID Has Increased Comprehensive Claim Volatility*

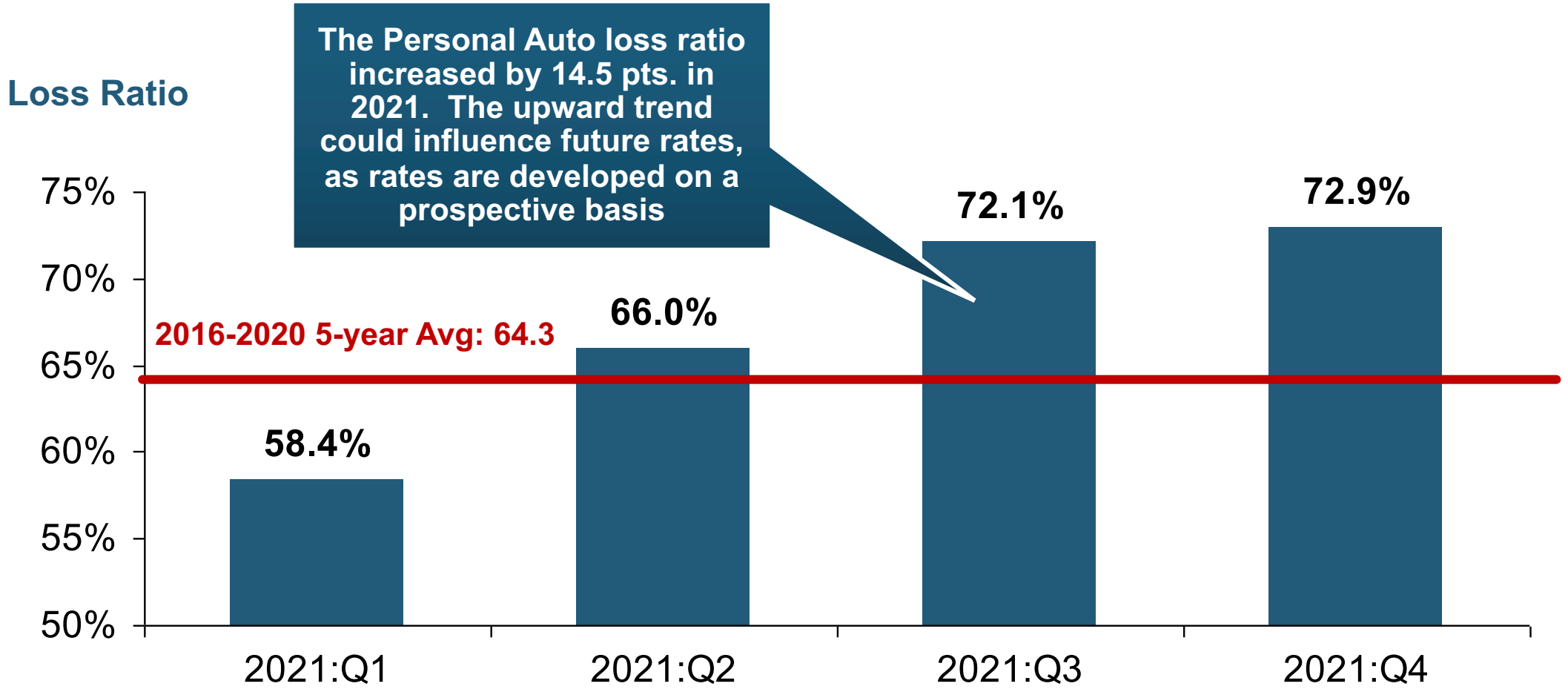


Collision Claim Frequency Is Volatile and Usually Most Impacted by Weather Impacts, though COVID Has Increased Overall Volatilty

*2021 data are for the 4 quarters ending Dec. 31, 2021.

Source: ISO/PCI *Fast Track* data; Risk and Uncertainty Management Center, University of South Carolina.

Personal Auto Loss Ratios: 2021 Quarterly



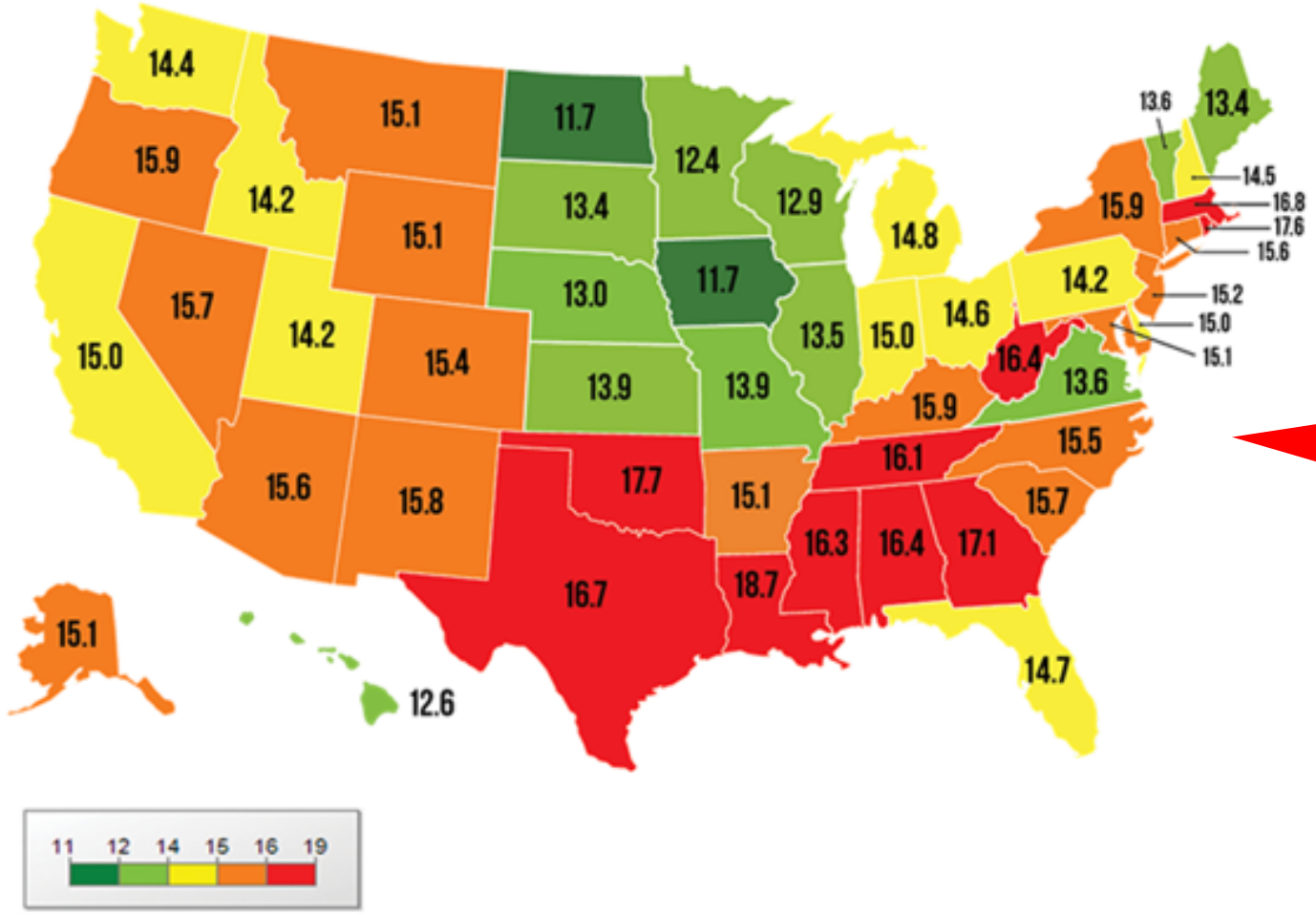
Collision Loss Ratios Are Rising Rapidly and Are Far Above the 5-Year Average

Source: APCIA via S&P Global Market Intelligence; University of South Carolina, Risk & Uncertainty Management Center.

Change in Price for Replacement Passenger Car Rentals, Jan. 2010 – Apr. 2022 (% Change from Year Ago)

Sources: Federal Reserve Bank of St. Louis at: https://fred.stlouisfed.org/series/PCU5321115321113#0 from US Bureau of Labor Statistics; Risk and Uncertainty Management Center, University of South Carolina.

Length of Collision Replacement Rentals by State (Days), 2021:Q3



Avg. Length of Rental

2021:Q3: 15.2 days

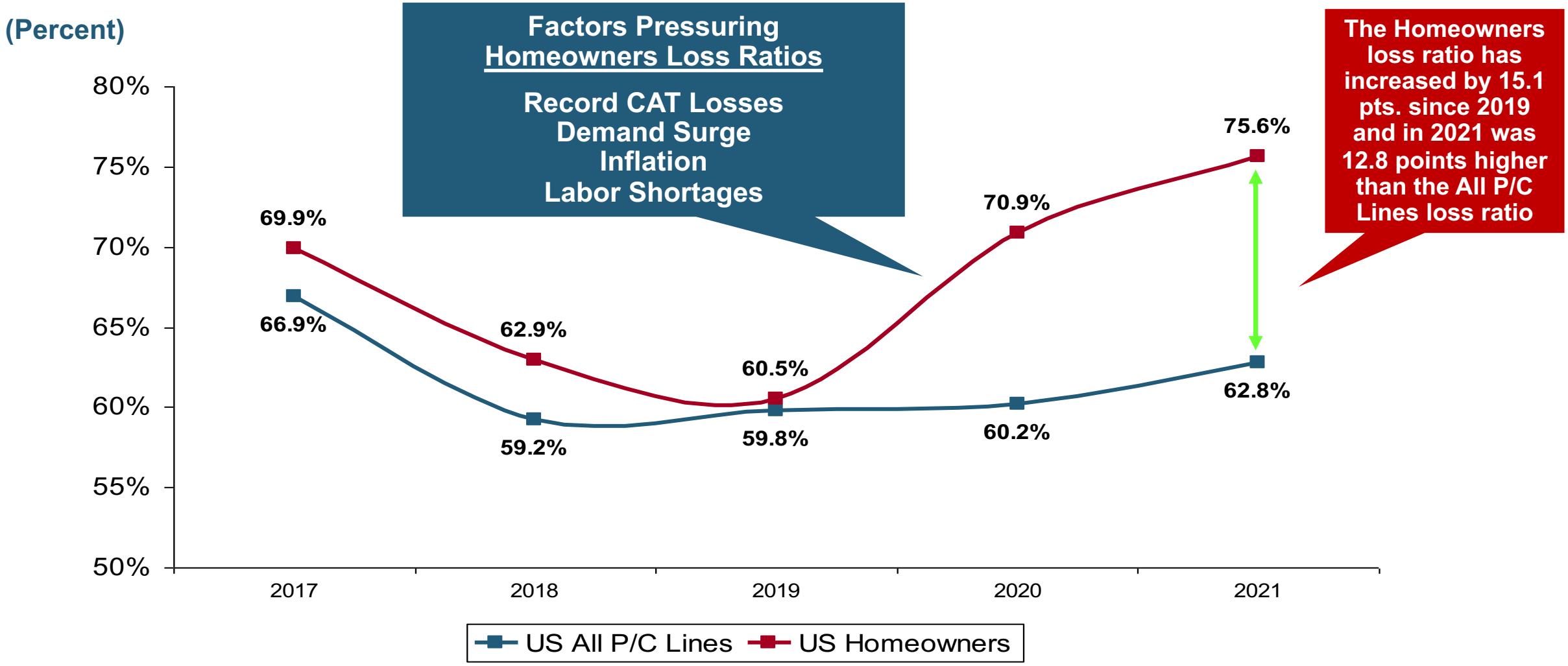
2021:Q3: 12.3 days

CHANGE: +2.9 Days

The increase in length of rental was referred to as "striking" by Enterprise and is a key driver of auto claim severity. The increase in the cost of rentals materially exacerbates the problem.

Source: Enterprise Rental-A-Car U.S. Length of Rental Report accessed via Repair Driver News at: https://www.repairerdrivennews.com/2021/10/25/enterprise-q3-length-of-rental-up-2-9-days-in-2021/.

Direct Loss Ratios: Homeowners vs. All P/C Lines, 2017–2021



Sources: APCIA: *Insurers Struggling to Keep Pace with the Highest Inflation in 40 Years* (Feb. 2022) sourced from: *Insurance Journal*, based on data from A.M. Best, January 25, 2022 Report "US Property/Casualty Top Line Premiums Up, Loss Ratio Deteriorates Through 3Q 2021."

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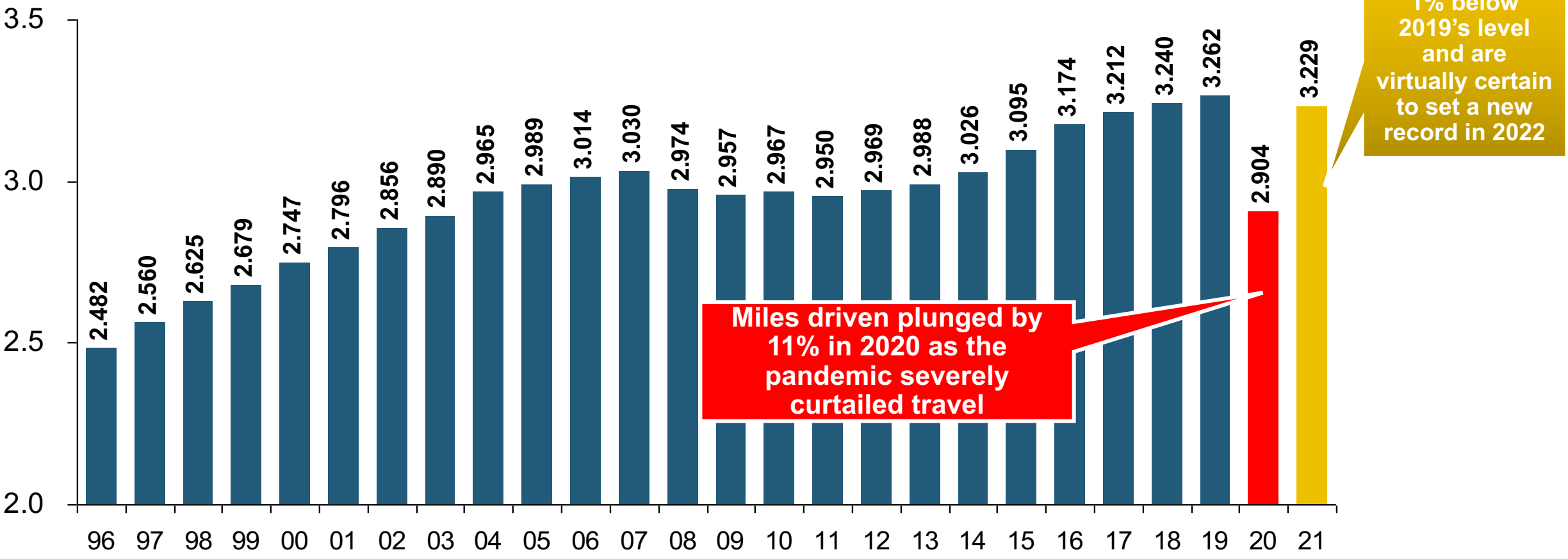
Back Behind the Wheel

Americans Are Back Behind the Wheel

Miles Driven Will Likely Set a New Record in 2022

Travel in Trillions of Vehicle Miles in U.S.: 1996–2021

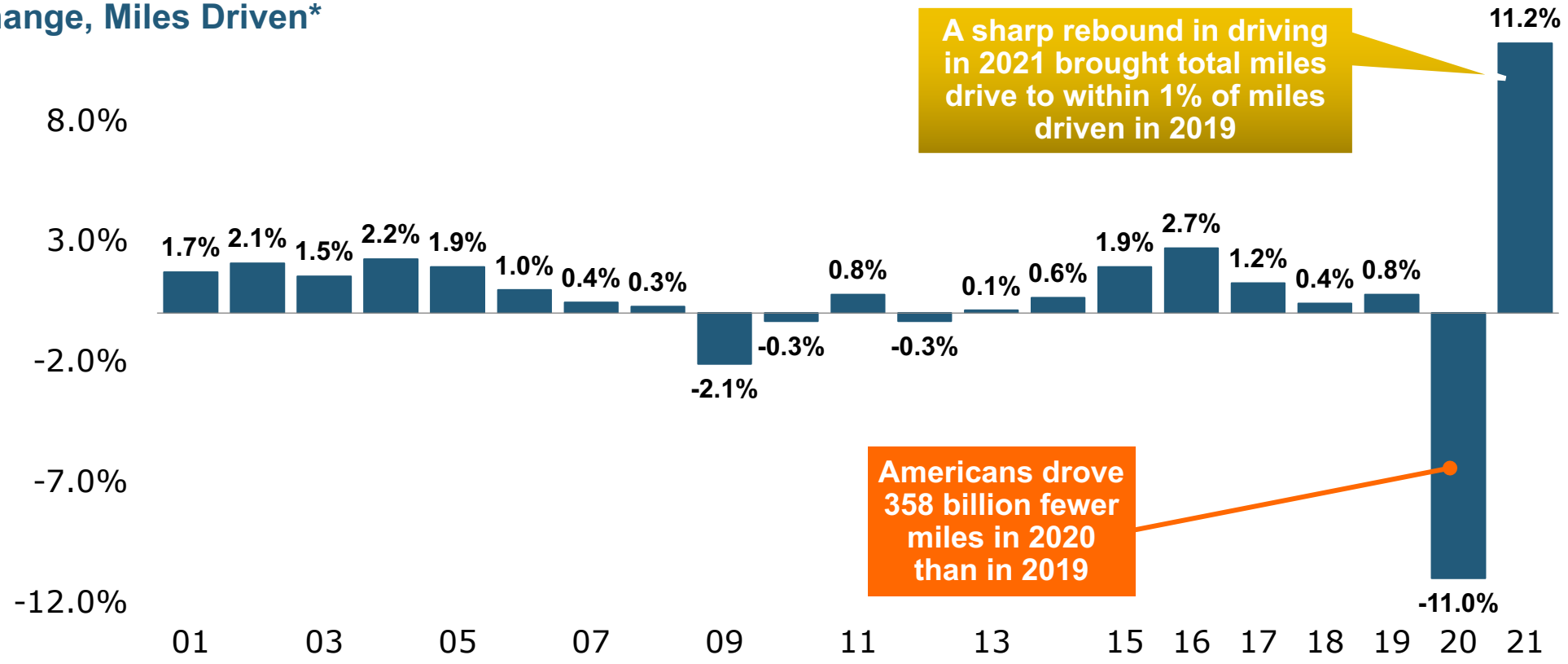


Miles driven in 2022 will likely set a new record, but could still be held back by soaring gas prices that could induce vehicle owners to scale back on their driving

Sources: Sources: Federal Highway Administration; USC RUM Center.

Vehicle Miles Driven Have Rebounded Sharply in 2021

Percent Change, Miles Driven*

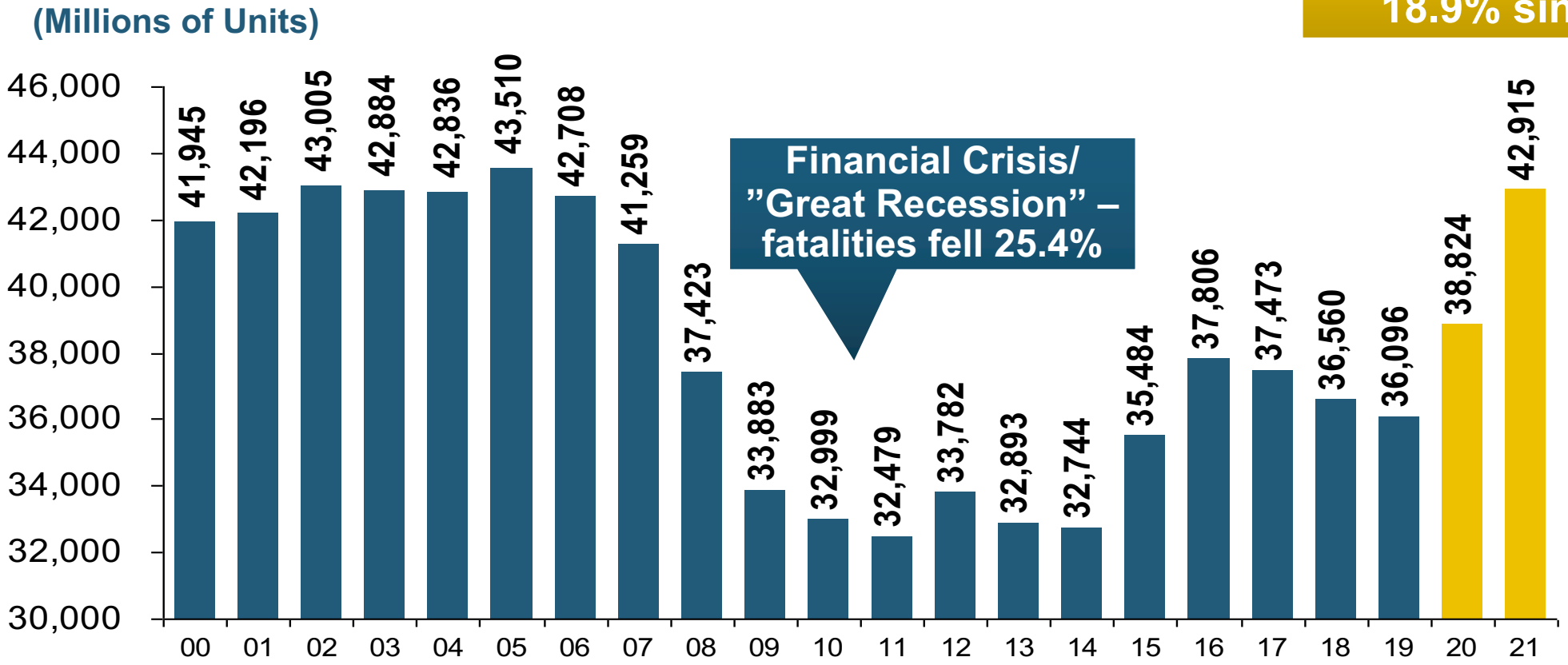


Tremendous Growth In Miles Driven. The More People Drive, the More Frequently They Get Into Accidents.

*Moving 12-month total vs. prior year through December 2021.
Sources: Federal Highway Administration.

Traffic Fatalities in the U.S., 2000-2021

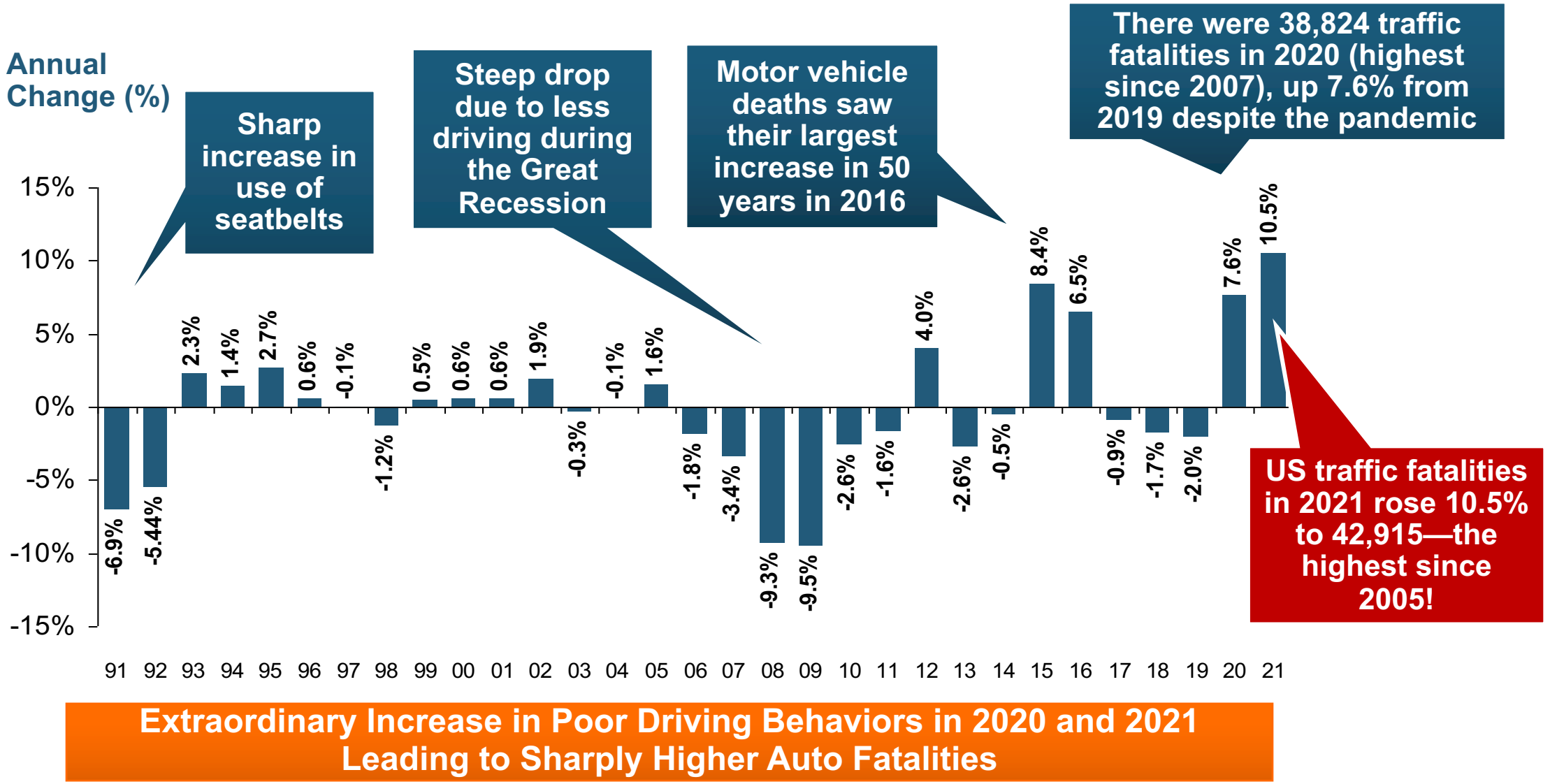
During COVID, fatalities surged by 7.6% in 2020 and 10.5% in 2021 (up 18.9% since 2019)



Extraordinary Increase in Poor Driving Behaviors in 2020 and 2021 Contributed to Sharply Higher Auto Fatalities

Source: Insurance Institute for Highway Safety and Highway Loss Data Institute: https://www.iihs.org/iihs/topics/t/general-statistics/fatalityfacts/overview-of-fatality-facts and NHTSA (2021): https://www.nhtsa.gov/press-releases/early-estimate-2021-traffic-fatalities#:~:text=NHTSA%20projects%20that%20an%20estimated,Fatality%20Analysis%20Reporting%20System's%20history; Risk and Uncertainty Management Center, University of South Carolina.

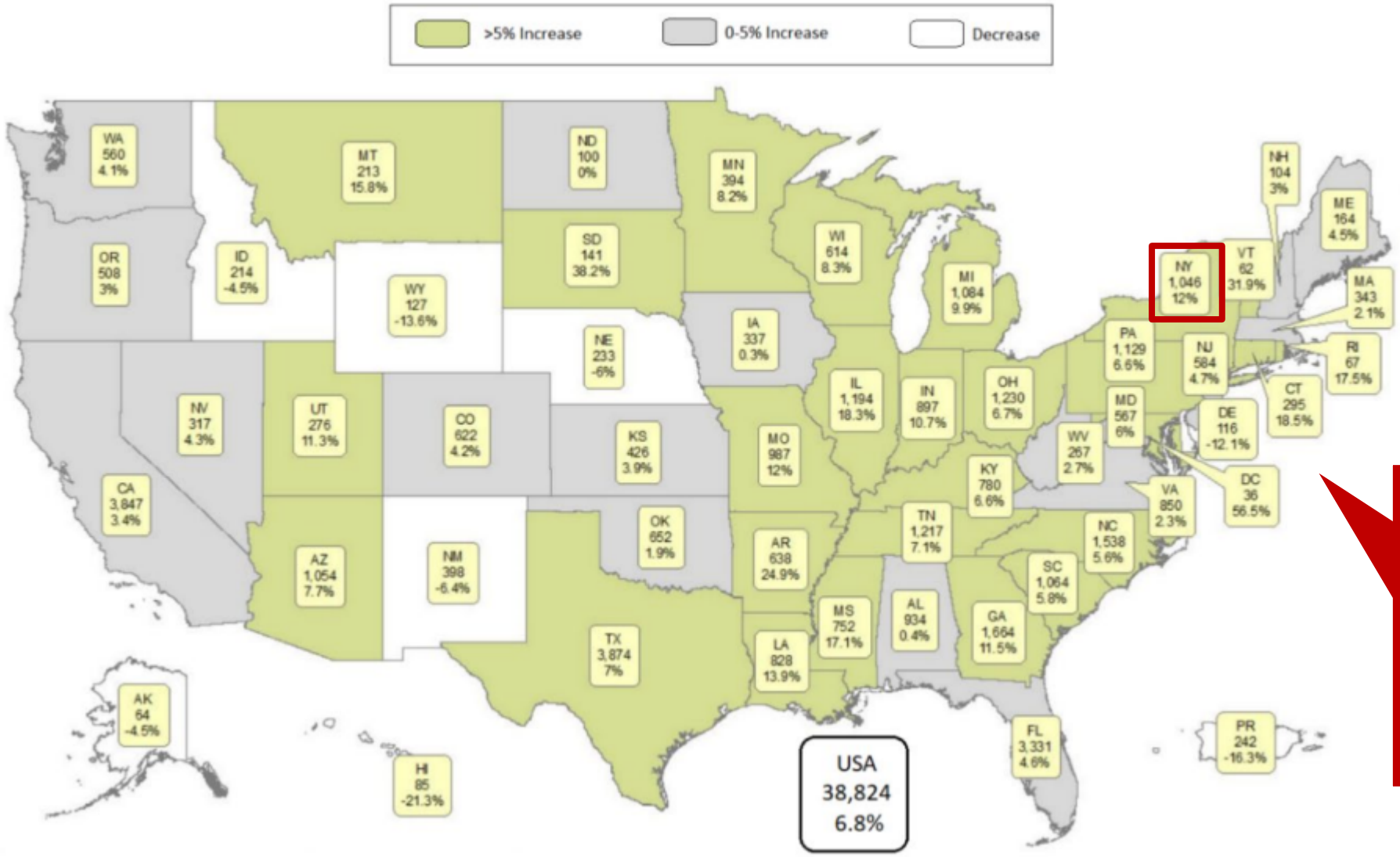
U.S. Annual Change in Automobile Deaths, 1991- 2021



Extraordinary Increase in Poor Driving Behaviors in 2020 and 2021 Leading to Sharply Higher Auto Fatalities

Source: Insurance Institute for Highway Safety and Highway Loss Data Institute: https://www.iihs.org/iihs/topics/t/general-statistics/fatalityfacts/overview-of-fatality-facts and NHTSA (2021): https://www.nhtsa.gov/press-releases/early-estimate-2021-traffic-fatalities#:~:text=NHTSA%20projects%20that%20an%20estimated,Fatality%20Analysis%20Reporting%20System's%20history; Risk and Uncertainty Management Center, University of South Carolina.

Traffic Fatalities by State in 2020 and Percent Change from 2019



NY had among the largest percent increases in traffic fatalities in 2020 (+12%), far larger than the US overall (+6.8%)

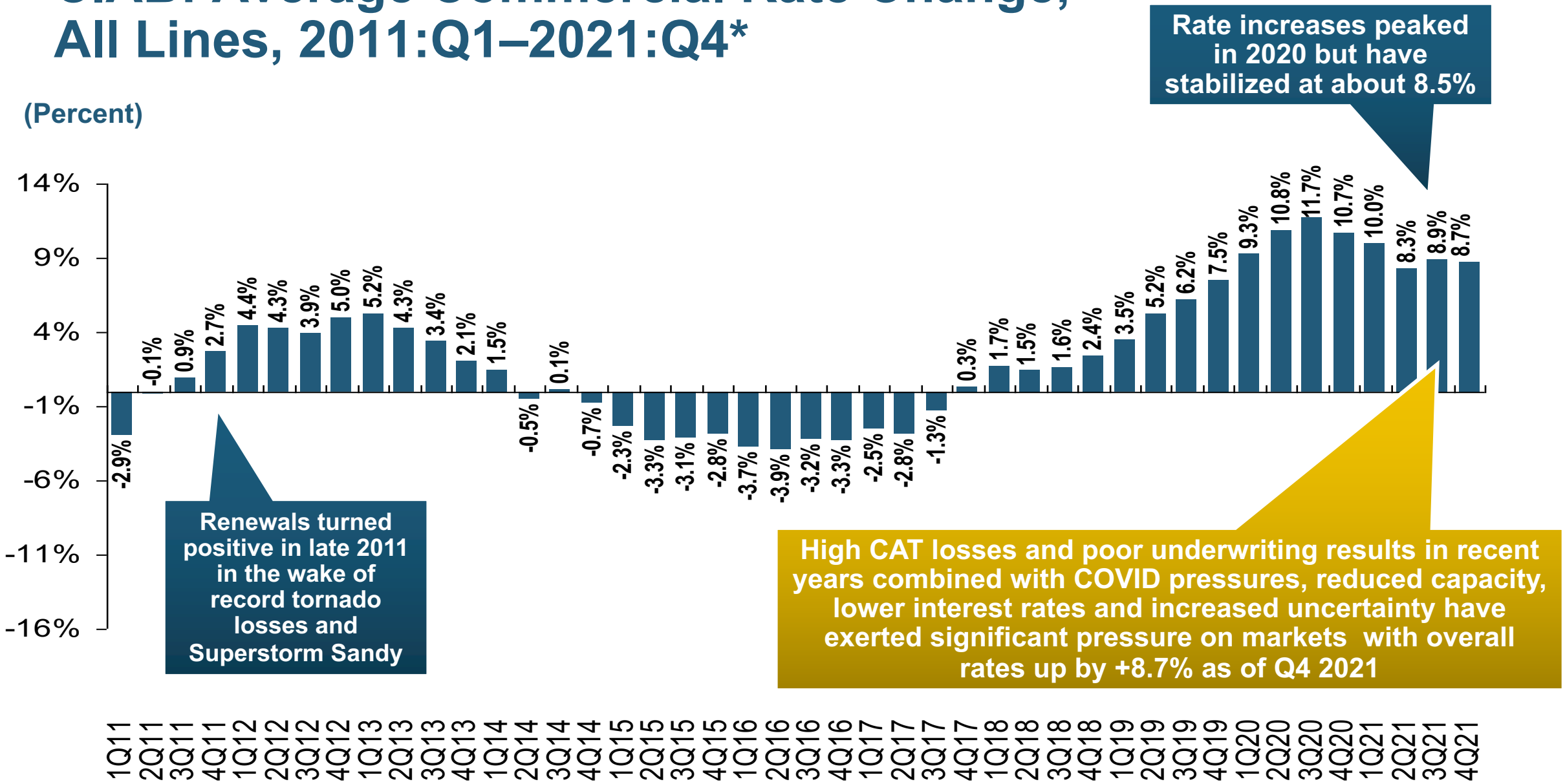
Source: NHTSA, Overview of Motor Vehicle Crashes in 2020 (March 2022), accessed at: https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813266; USC Center for Risk and Uncertainty Management.

Commercial Lines & Pricing Cyclicality

Economic and Tort Environment Create Pricing Pressure

89

CIAB: Average Commercial Rate Change, All Lines, 2011:Q1–2021:Q4*

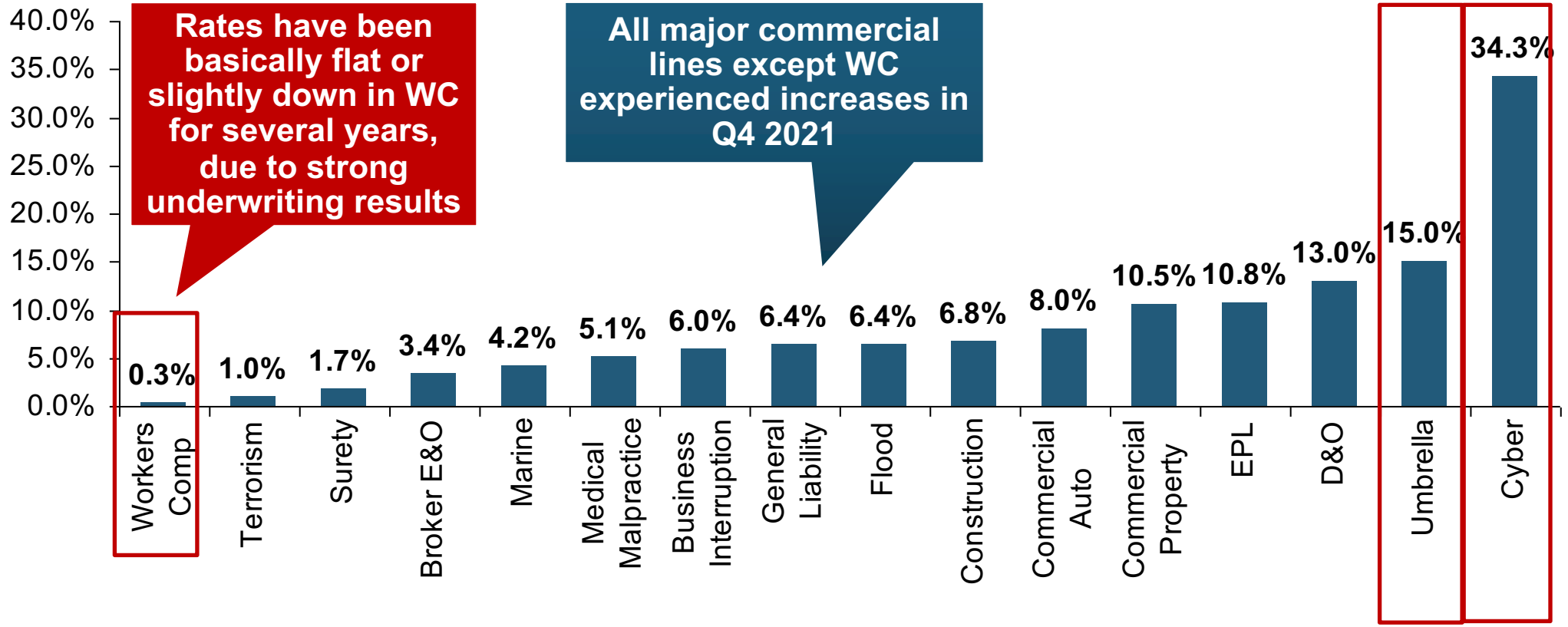


*Latest available.
Note: CIAB data cited here are based on a survey. Rate changes earned by individual insurers can and do vary, potentially substantially.
Source: Council of Insurance Agents & Brokers; Center for Risk and Uncertainty Management, Univ. of South Carolina.

Change in Commercial Rate Renewals, by Line: 2021:Q4

Cyber is seeing record increase, in response to major breaches in 2020 and 2021, overtaking Commercial Umbrella

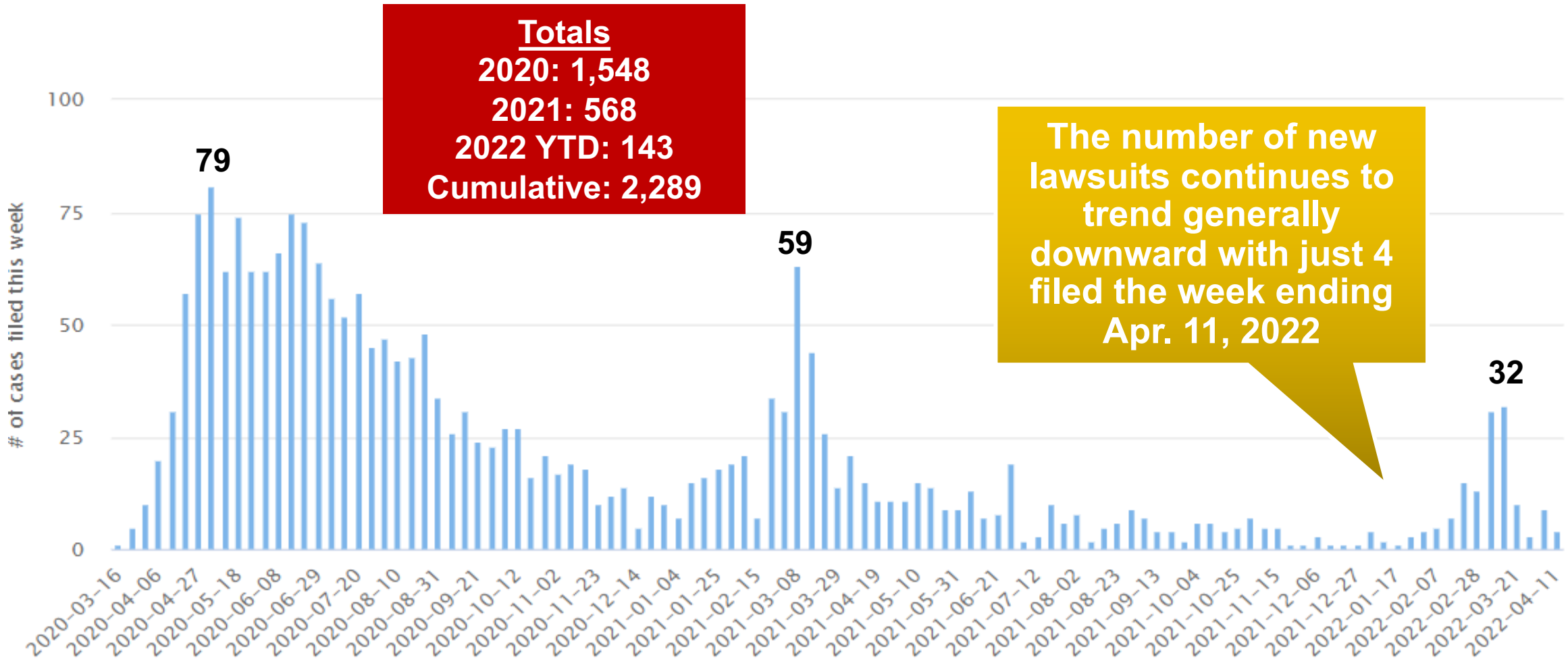
(Percent Change)



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

Source: Council of Insurance Agents and Brokers; USC Center for Risk and Uncertainty Management.

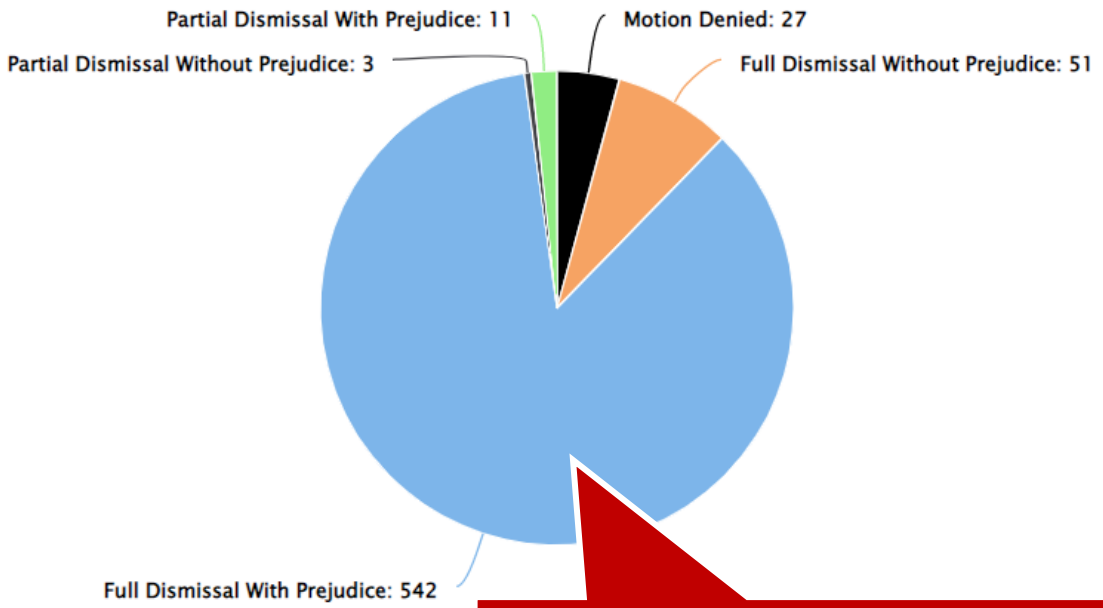
Weekly Number of COVID-Related Lawsuits Filed:
(Weeks Ending Mar. 16, 2020 to Apr. 11, 2022) [Latest Available]



Source: Covid Coverage Litigation Tracker, University of Pennsylvania School of Law. Accessed 5/25/22 at: https://cclt.law.upenn.edu

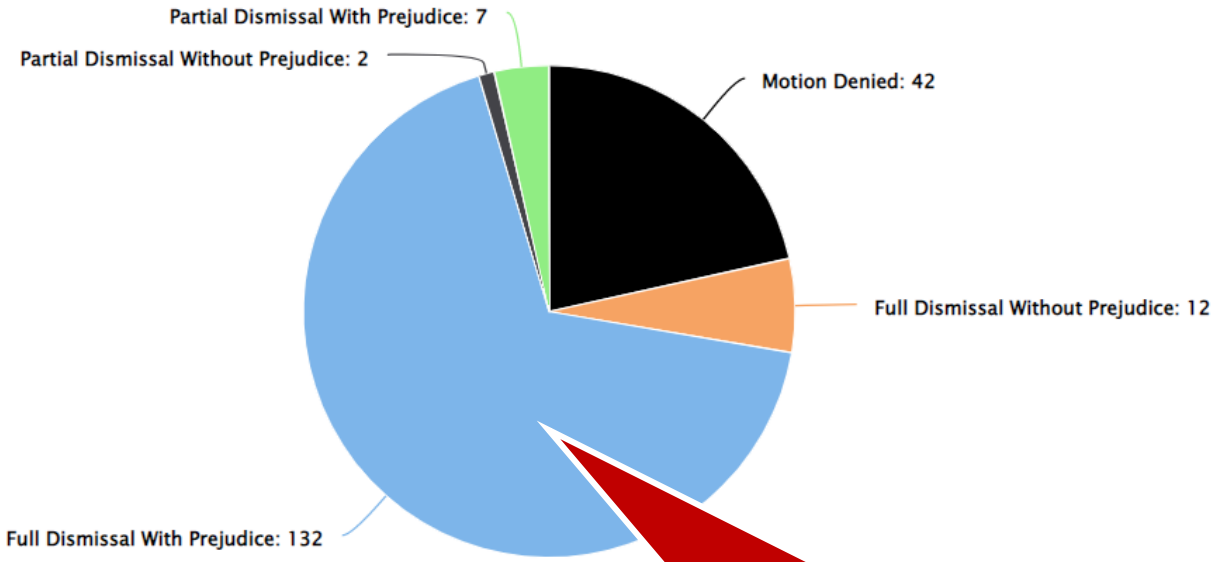
COVID Litigation: Merits Rulings on Motions to Dismiss: Federal vs. State Courts *(Total through Apr 11, 2022) [Latest Available]*

Federal Courts



Insurers have won full dismissals in 94% of federal court cases involving Covid

State Courts



Insurers have won full dismissals in 74% of state court cases involving Covid

Source: Covid Coverage Litigation Tracker, University of Pennsylvania School of Law. Accessed 5/25/22 at: https://cclt.law.upenn.edu

SUMMARY

- The P/C Insurance Industry Remains Strong, Stable, Sound and Secure
- COVID Variants/Snarled Supply Chains Have Slowed the Economic Recovery, though a Second Recession Remains Unlikely
  - Most P/C Exposures Restored to Pre-Pandemic Levels by mid-2022
- Asset Price Volatility Will Persist as Inflation, Geopolitical Concerns Mount
- Higher Interest Rates Will Eventually Provide a Modest Tailwind for Investment Income
- Inflation Surge Will Remain into 2023, But Will Subside
- Many Loss Cost Challenges—Inflation, Supply Chain and Social Inflation Issues
- Immediate P/C Concerns: CATs, Inflation→Rate Adequacy, ITV

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Thank you for your time and your attention!

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For a copy of this presentation, email me at robert.hartwig@moore.sc.edu or

Download at www.uscriskcenter.com