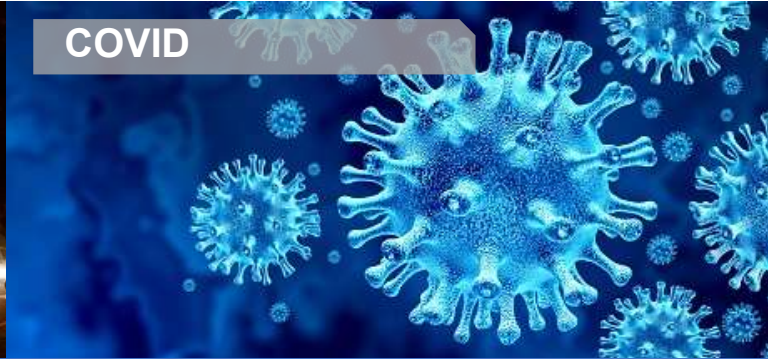


# The Disruption Continuum

Catastrophes



COVID



Economics



INSURANCE

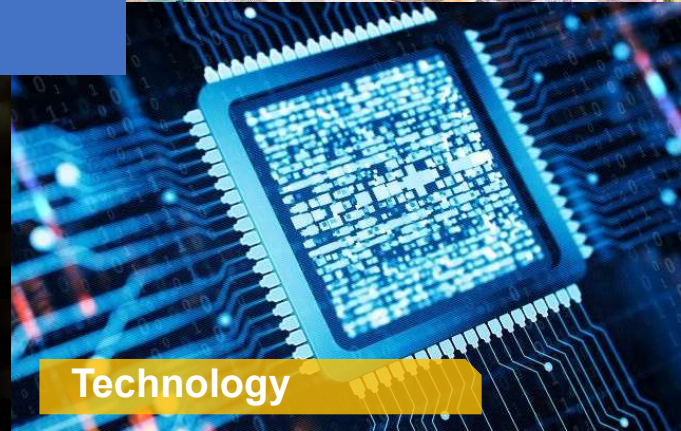
Geopolitical



Social Unrest



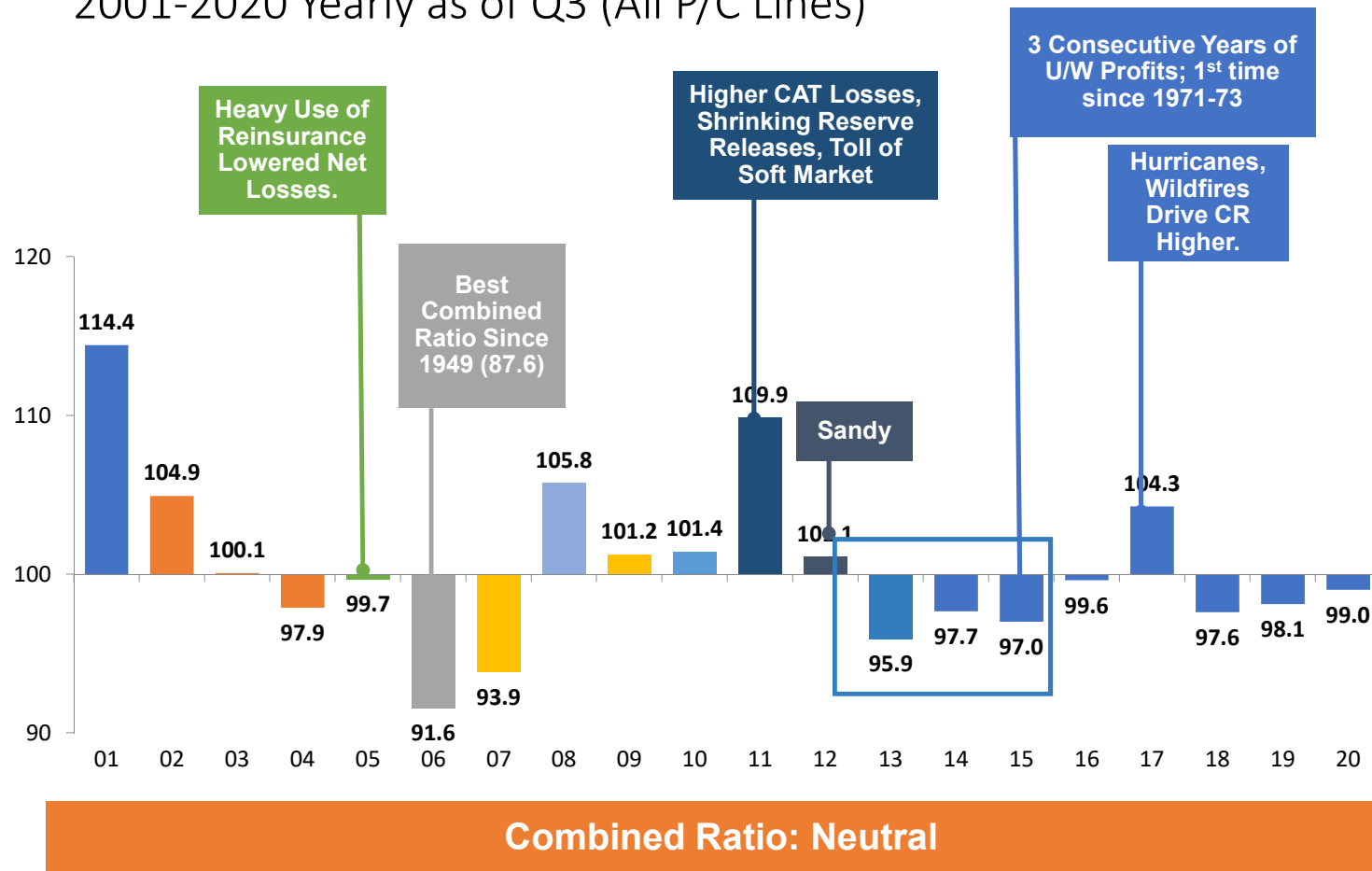
Technology



# What's Driving Market

- Concern over Covid-19 Continues (Variants?)
- Social Unrest
- Natural Catastrophes (Hurricanes, Flood, Hail, Wildfire)
- Jury Verdicts, Large Losses and Historical Development
- Economic & Political Disparity
- Sectors Seeing Greatest Impact and Lasting Changes
  - ❖ Retail
  - ❖ Education
  - ❖ Healthcare
  - ❖ Hospitality
  - ❖ Entertainment
  - ❖ Commercial Real Estate

## Combined Ratio 2001-2020 Yearly as of Q3 (All P/C Lines)



Data through Q3

Sources: NAIC data sourced through S&P Global Intelligence; Insurance Information Institute.

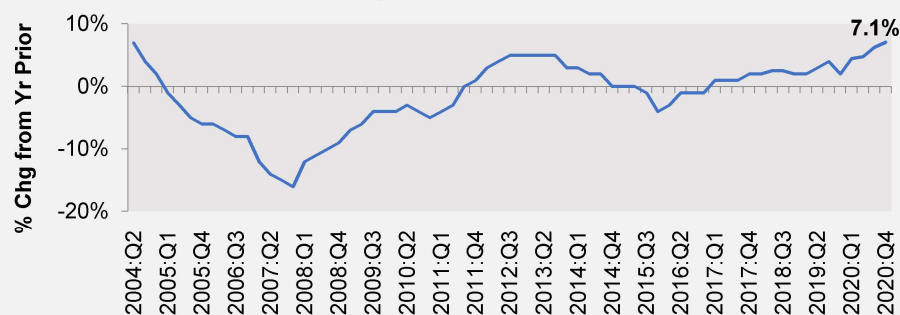


# Market Reaction

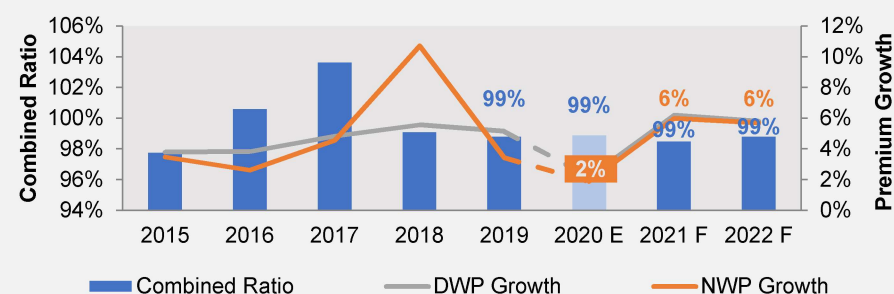
- Markets hardened due to significant capital destruction, capacity withdrawals and “fear”.
  - ❖ Property, Umbrella, Auto: Most Volatile and Highest Average Rate Increase
  - ❖ General Liability: Moderate Volatility, Industry and Loss Dependent
  - ❖ Workers Compensation: Least Volatile and Stable, Industry and Loss Dependent
- Conundrum: Plenty of surplus in the market – insurers are simply not deploying it unless there are adequate returns.
  - ❖ Policy Holder Surplus at All Time High of \$875.6B
  - ❖ Interest Rate Environment could Change Market Direction
- There are early indications of a bifurcated market. Clients with favorable occupancies, adequately priced modeled CAT risk and positive loss ratios will likely see a diminishing rate of increases. In contrast, unfavorable occupancies, clients with poor loss records or those coming off multiyear deals will continue to see more dramatic rate increases.

# Industry Outlook

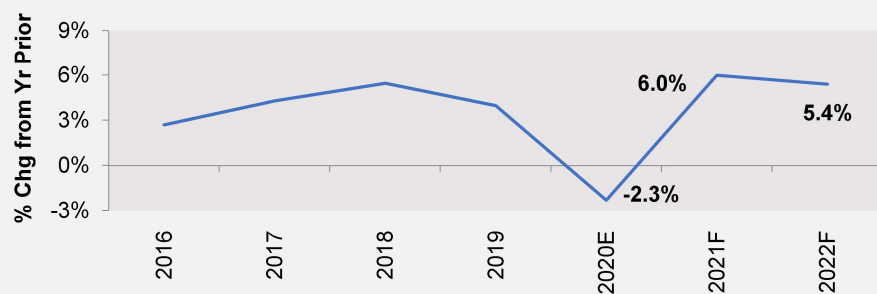
**Commercial Lines Rate Change**



**Calendar Year Written Premium and Net Combined Ratio Projections**



**Growth in Nominal GDP (Real GDP + Inflation)**



## 2021 Commentary

Healthy premium growth this year thanks to recovery and hard market

- Interest rates will stay low, pressuring rates and the need for underwriting profits.
- Uncertainty from COVID will continue to put pressure on rates.
- We assume an average year for cats.

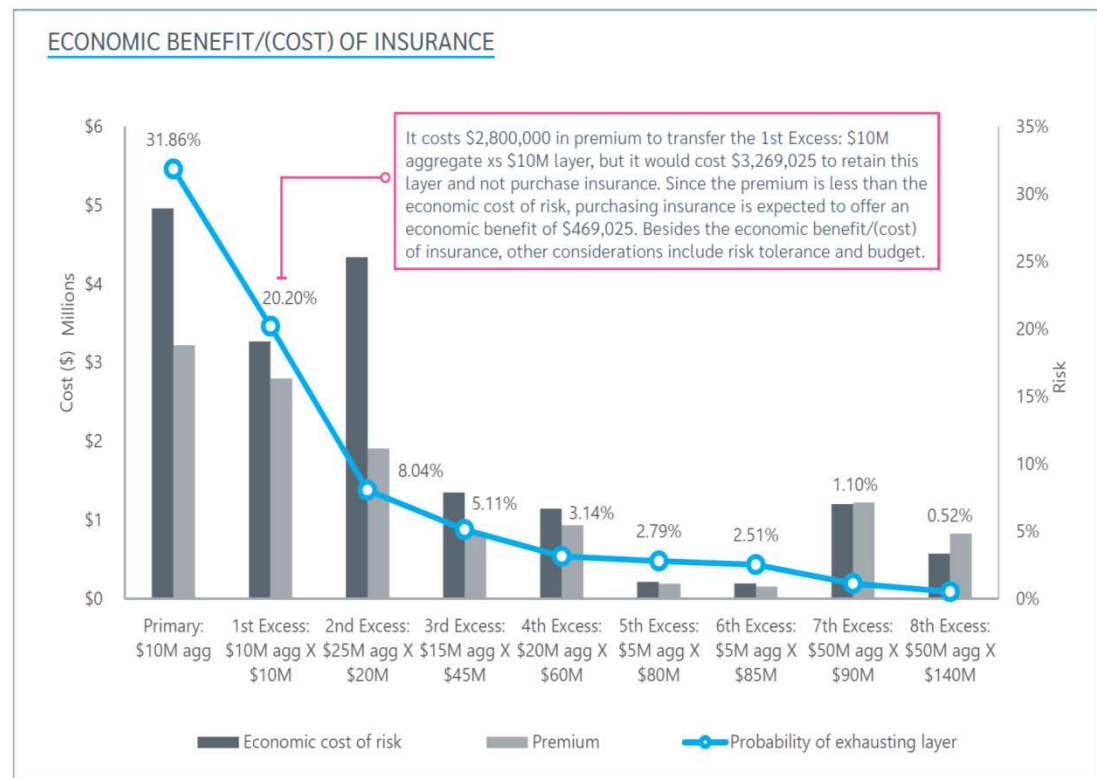


Data sources: NAIC data sourced through S&P Global Market Intelligence, MarketScout, Blue Chip Economic Indicators, Congressional Budget Office, PCS, Aon, Munich Re, Energy Information Agency, FRED (Federal Reserve Bank of St. Louis).  
Analysis: Insurance Information Institute, Milliman.

# Umbrella Limit Modeling

“Cost of Capital” mindset elevating the need to use sophisticated tools to analyze risk tolerance, identify loss drivers and evaluate alternative program structures

- Dynamic Capital Model (example)





# Best Practices

