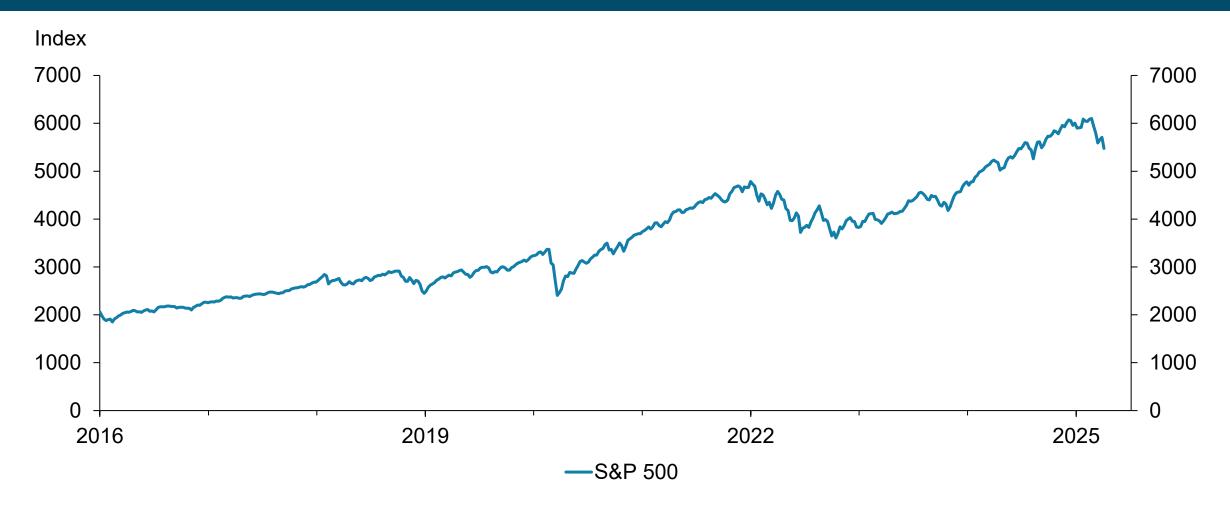


Joe Gruber

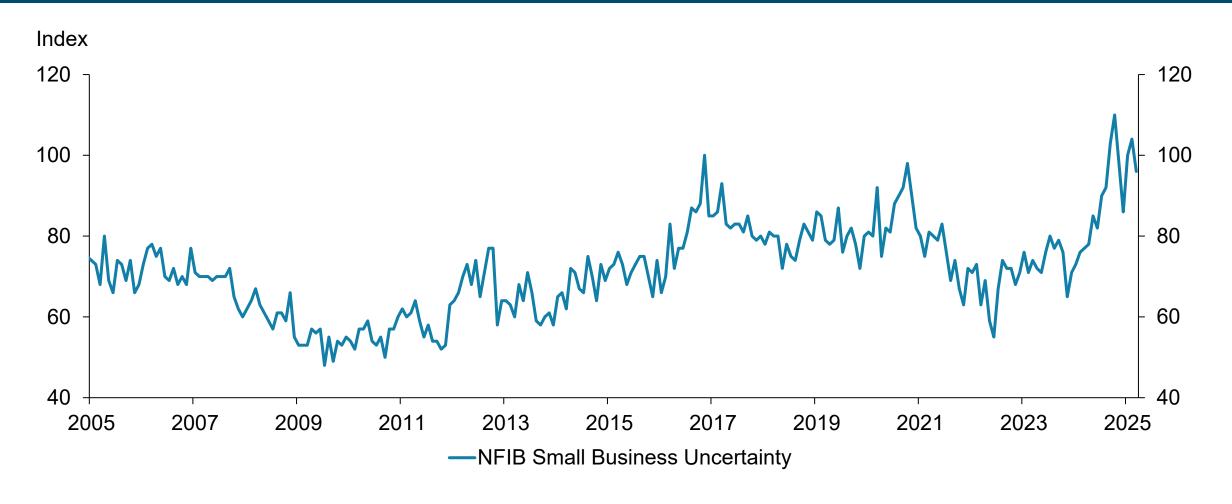
**Executive Vice President and Director of Research** 



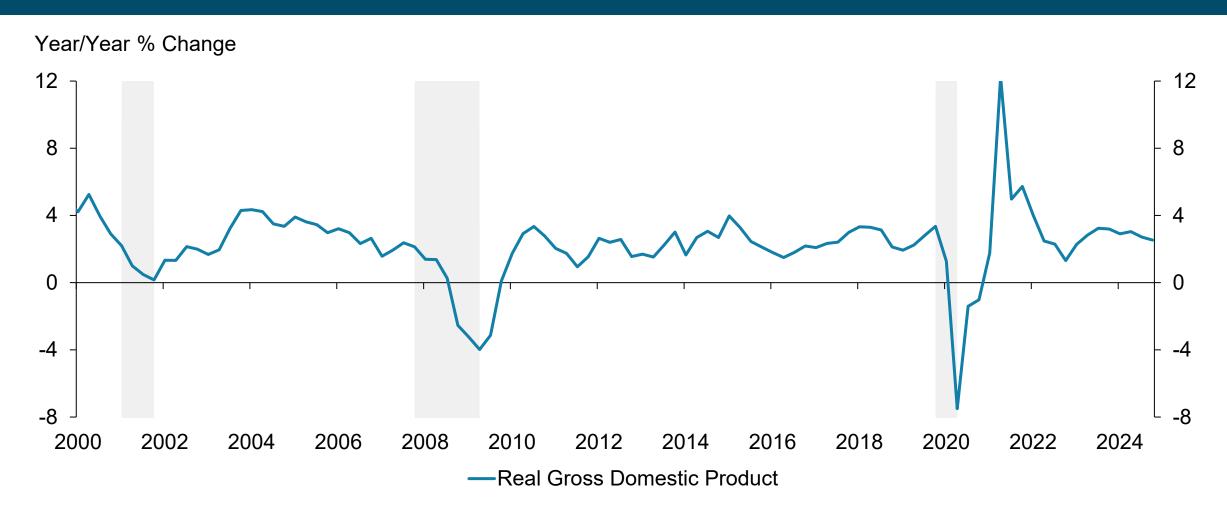
#### Financial Markets are Volatile



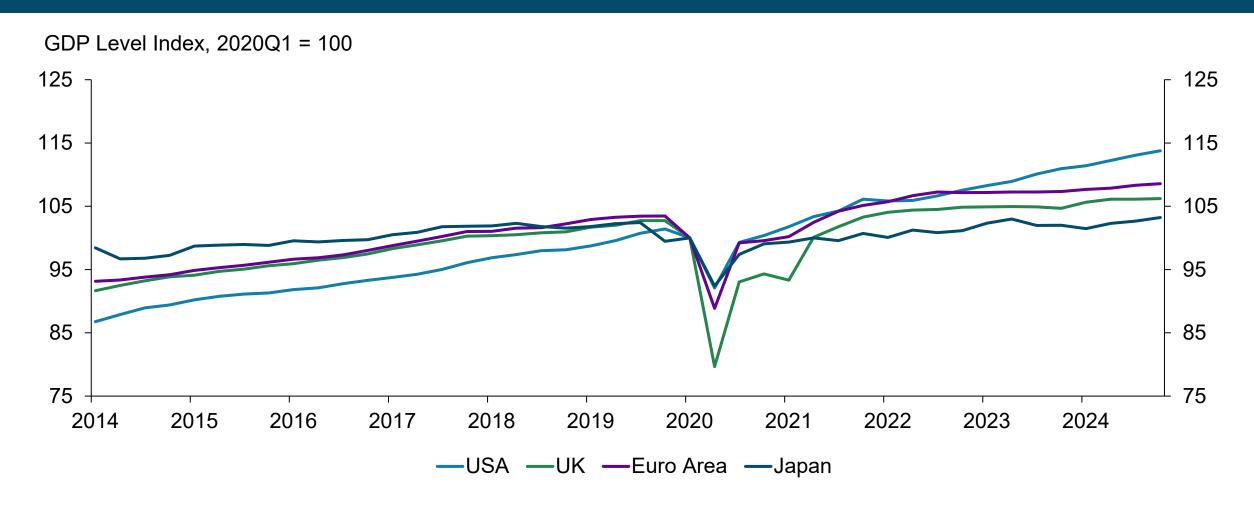
#### **As Uncertainty Increases**



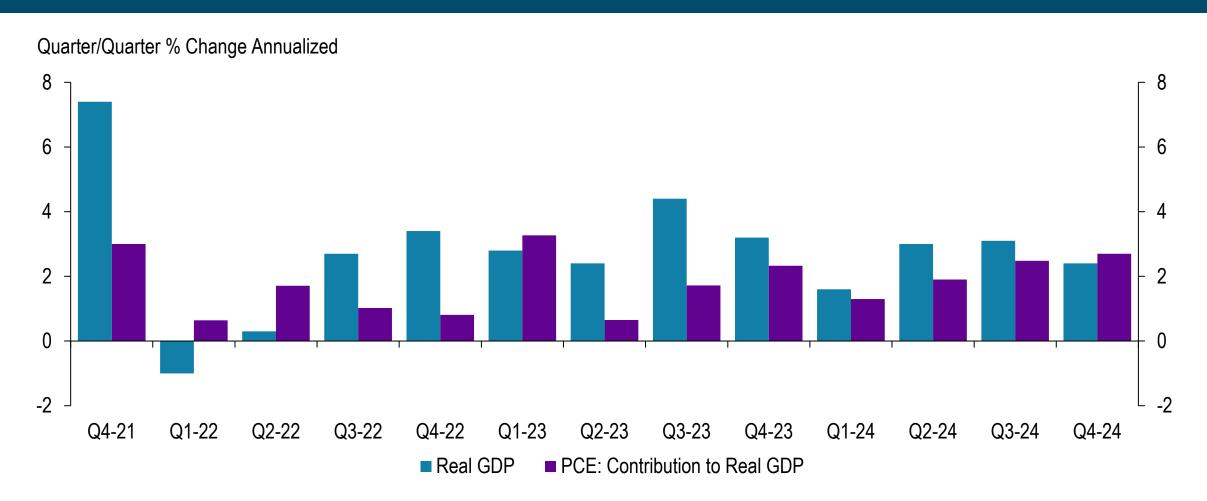
#### **Economy has momentum**



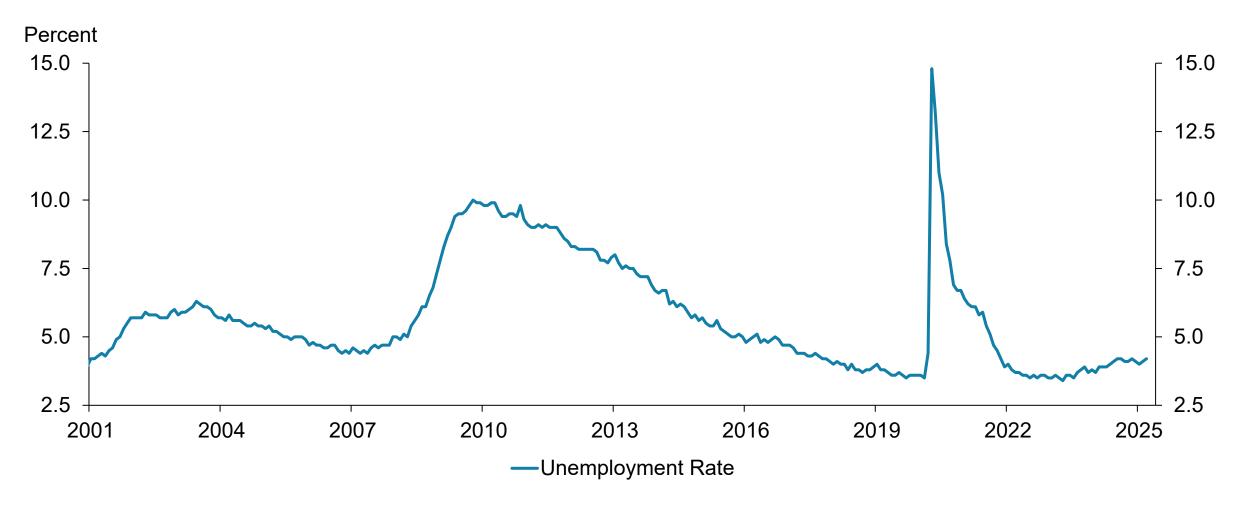
#### Stands out among global peers



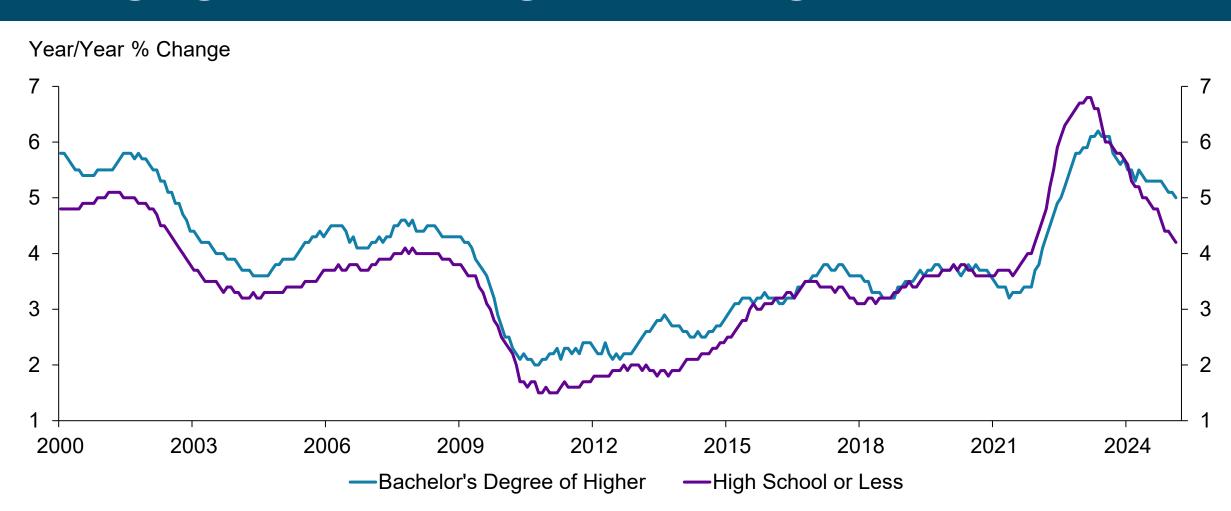
## Powered by strong consumer.



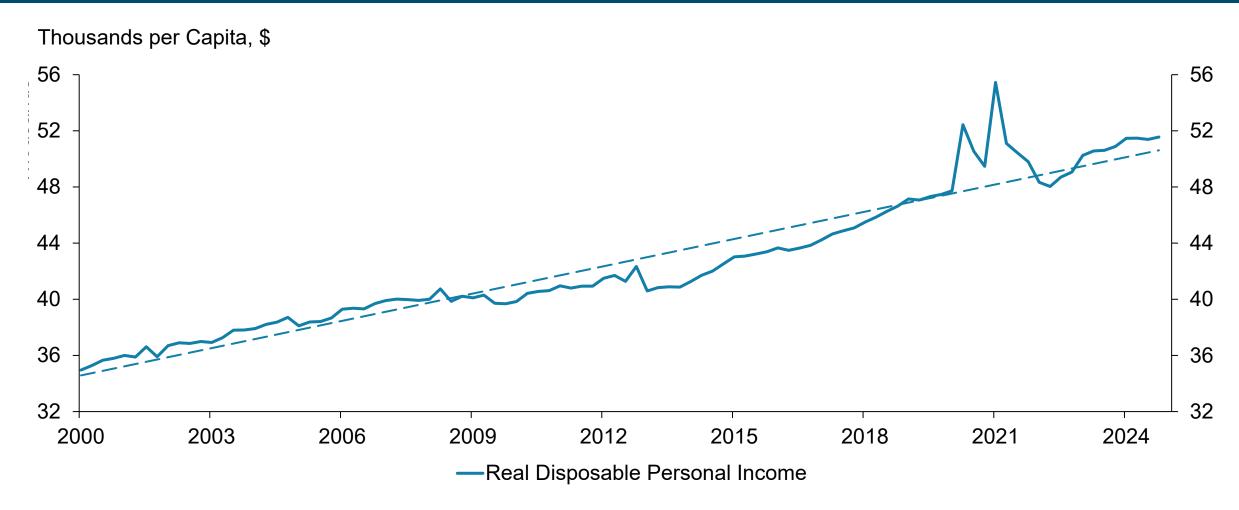
#### Labor market strong through beginning of the year



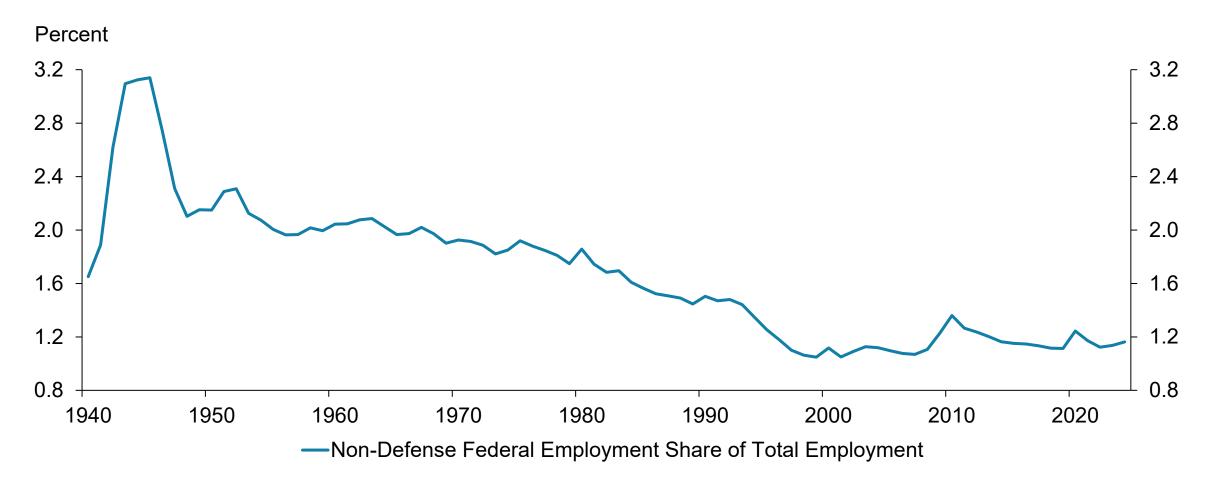
## Wage growth slowing but still high



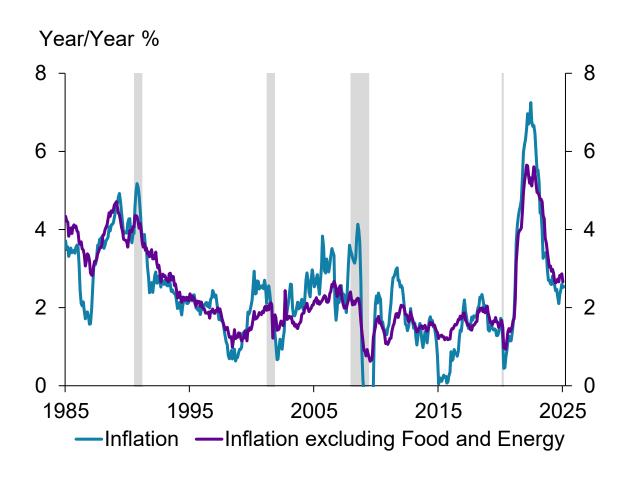
## Growth supported by solid income growth

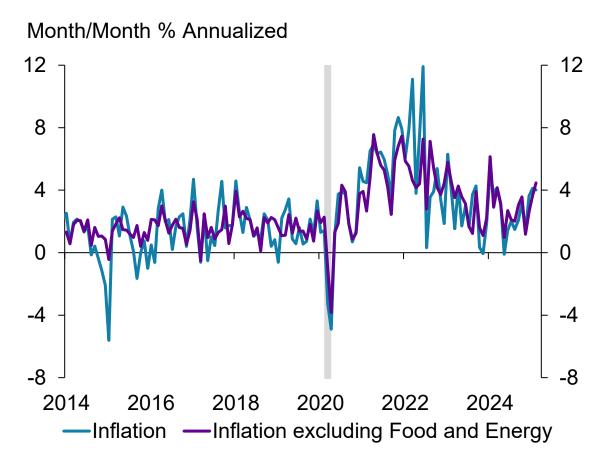


#### **Federal Workforce**

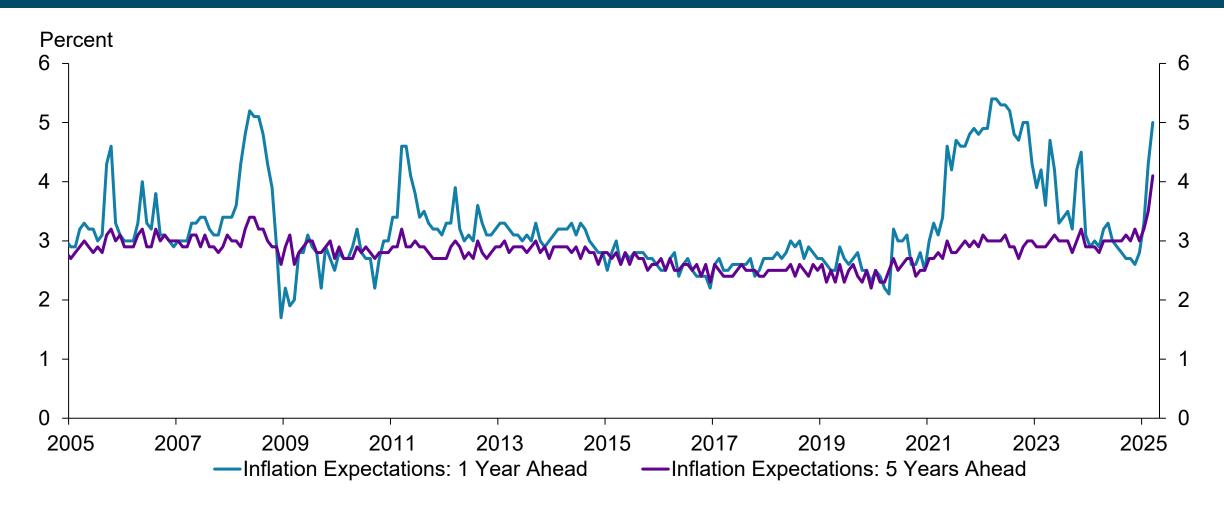


## Inflation has come down but still running a bit hot

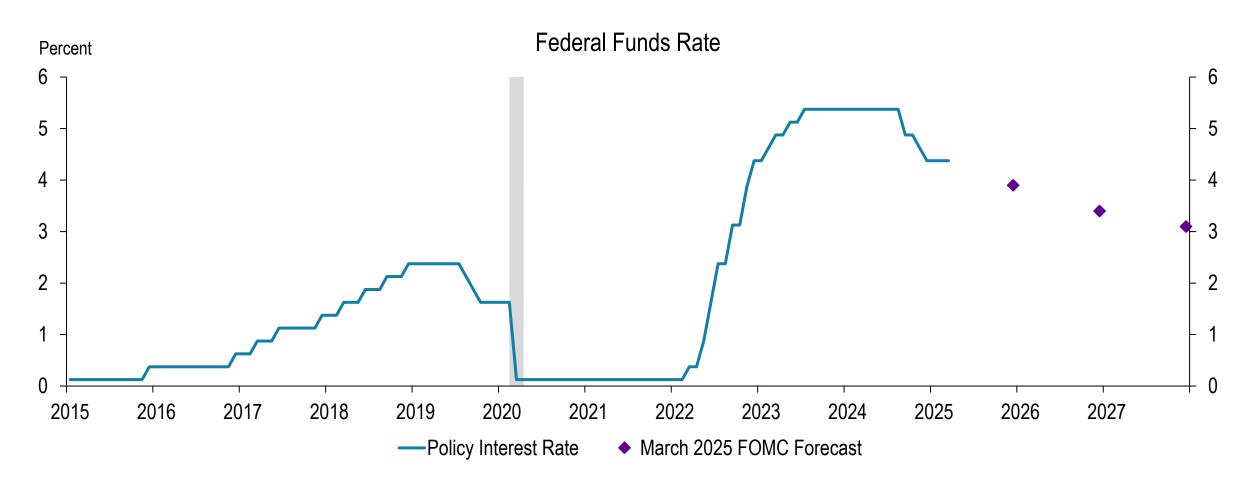




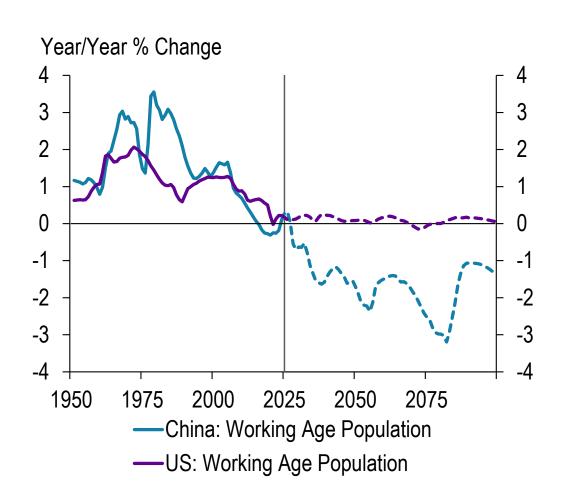
## Rising concern about inflation expectations

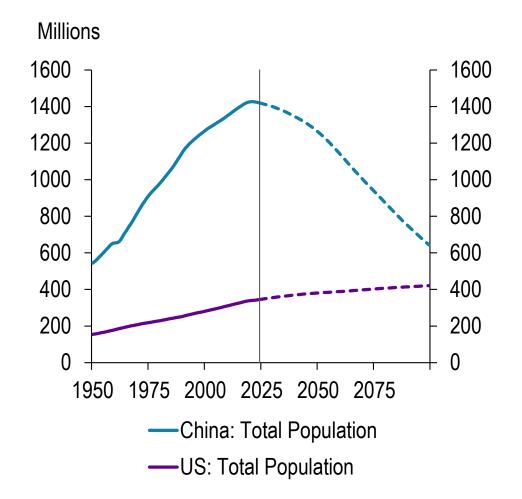


## **How Restrictive is Policy?**



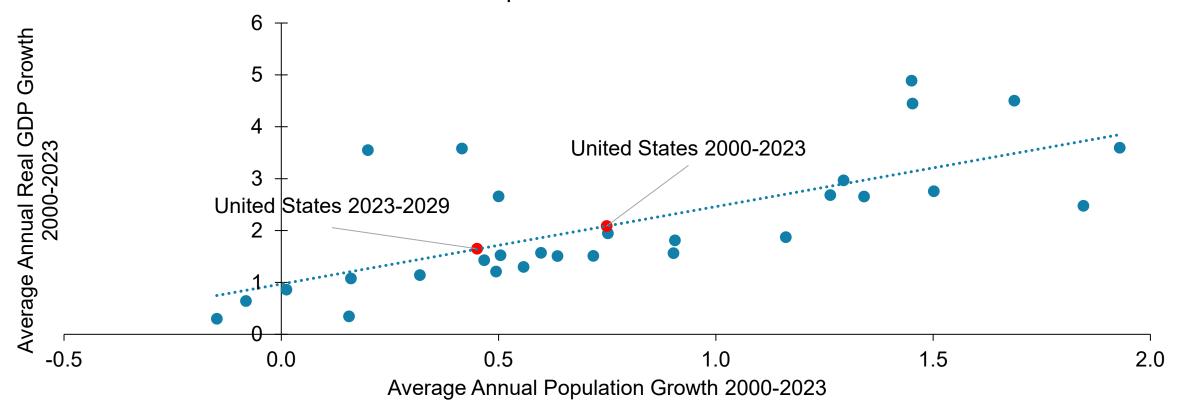
#### **Demographic Challenges**



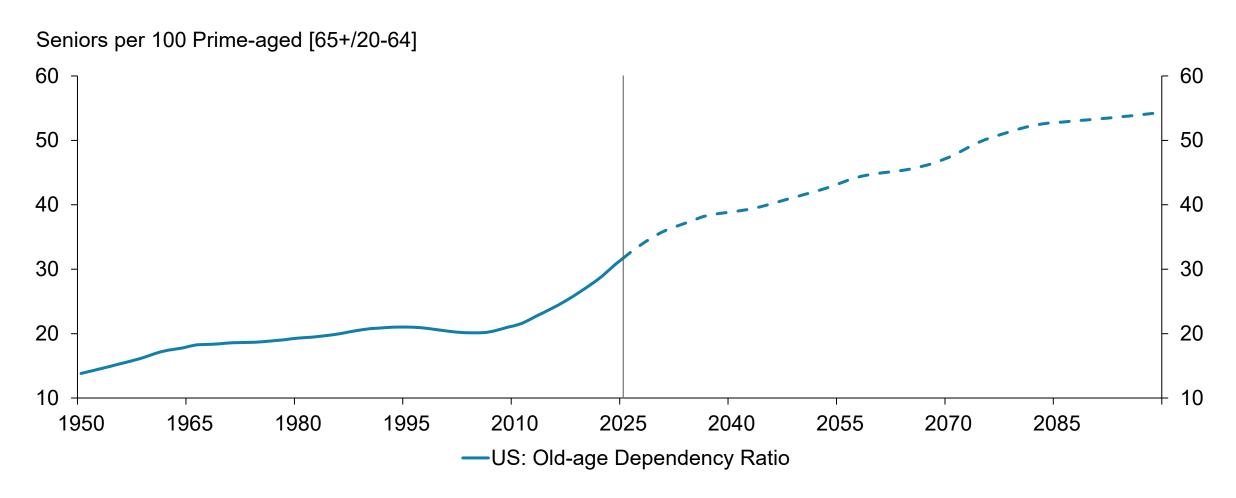


#### Demographics: Slower Population Growth = Slower Growth

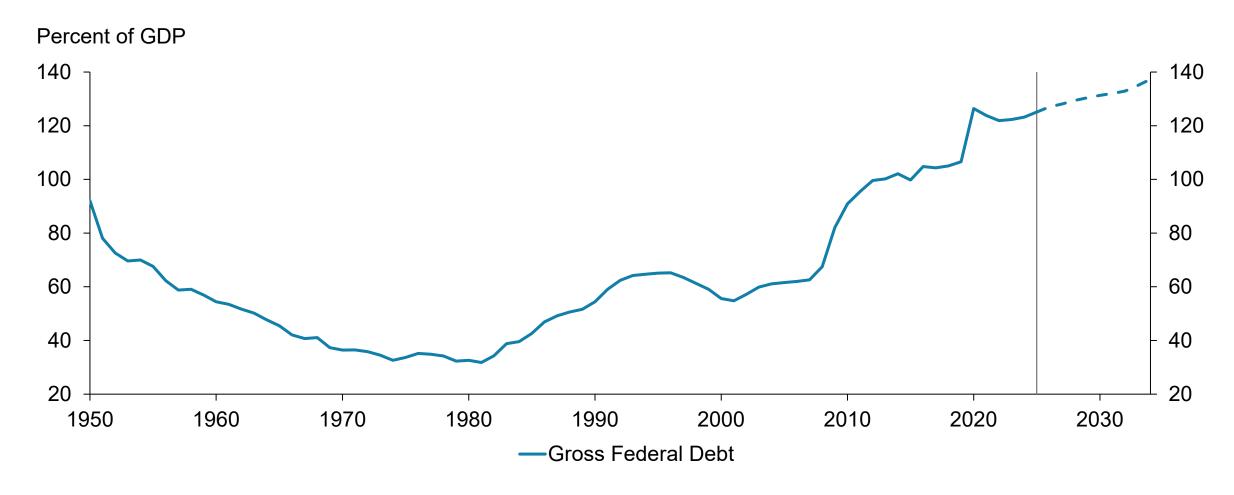




#### Ageing population holds down interest rates

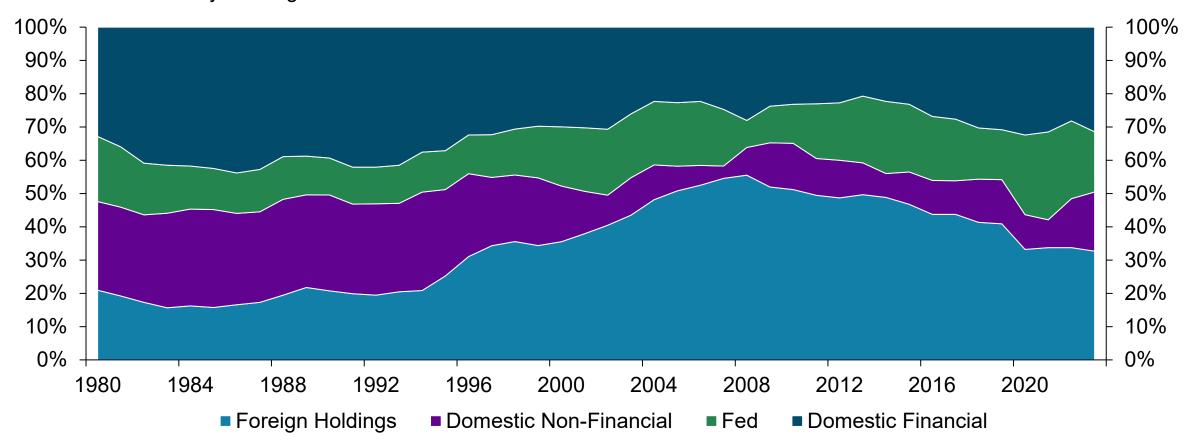


## Growing supply of government debt



#### Shifting Pattern of Demand for U.S. Debt

Share of US Treasury Holdings



# Summary of Scenarios

	Growth	Interest Rates
Productivity Boom		1
Demographic Decline	•	
Debt Overhang	•	1







#### Resources from the Kansas City Fed's Economic Research Department

- <u>Charting the Economy</u>
  Timely economic content curated by research staff at the Federal Reserve Bank of Kansas City.
- <u>Labor Market Conditions Indicators</u>
  Two monthly measures of labor market conditions based on 24 labor market variables.
- <u>Kansas City Financial Stress Index</u>
  A monthly measure of stress in the U.S. financial system based on 11 financial market variables.

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