MEREDA

"Solving Maine's Housing Crisis" May 25, 2023

Kenneth J. Entenmann, CFA
NBT Bank Wealth Management
Senior Vice President
Chief Investment Officer & Chief Economist





The Original "Affordable" Housing

- \$400 down payment
- "Only" \$4,900!
- Plot: 40 x 100
- 6 rooms



Should I Stay or Should I GO?

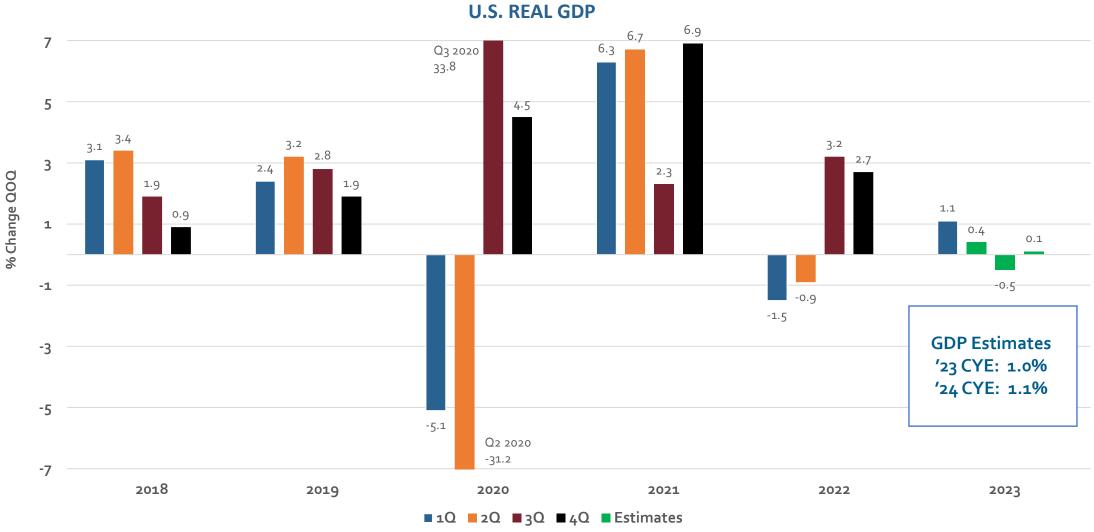
"Should I stay or should I go now? Should I stay or should I go now? If I go there could be trouble, And if I stay it will be double. So come on and let me know..."

—The Clash
Combat Rock, 1982



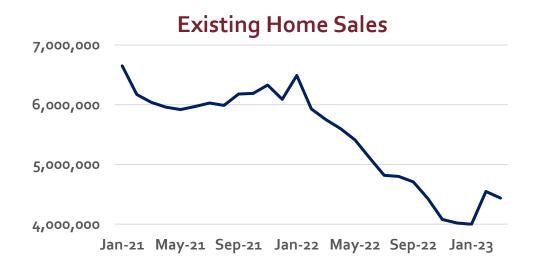


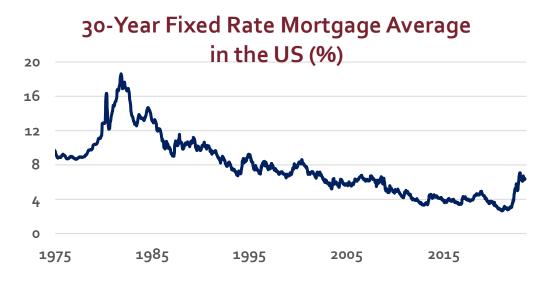
US GDP: A "Waiting for Godot" Recession





Housing Highly Sensitive to Interest Rates







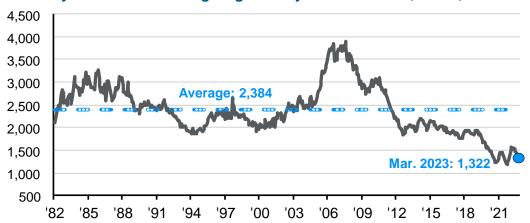




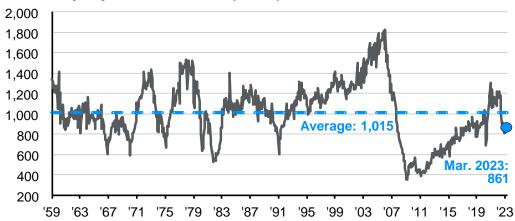
Residential Real Estate

Housing inventories

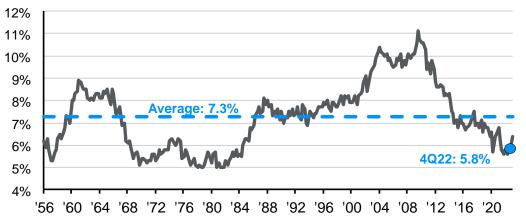
Inventory of new and existing single-family homes for sale, thous, SA*



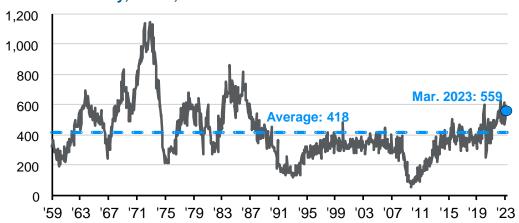
Single-family housing startsSeasonally adjusted annual rate (SAAR), thous houses



Rental vacancy rate (%)



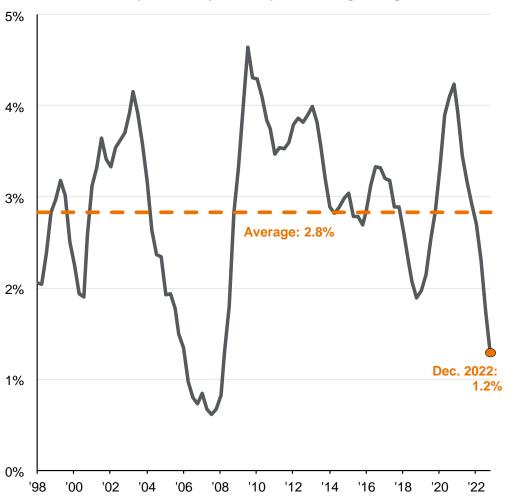
Multi-family housing starts Total multi-family, SAAR, thous houses



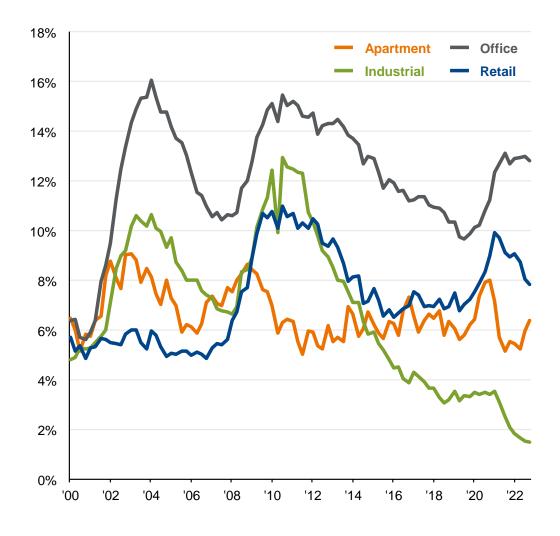


U.S. Real Estate Dynamics

U.S. real estate cap rate spreads
Transaction based, spread to 10y UST, 4-quarter rolling average



U.S. vacancy rates by property type (%)





Institute of Supply Management



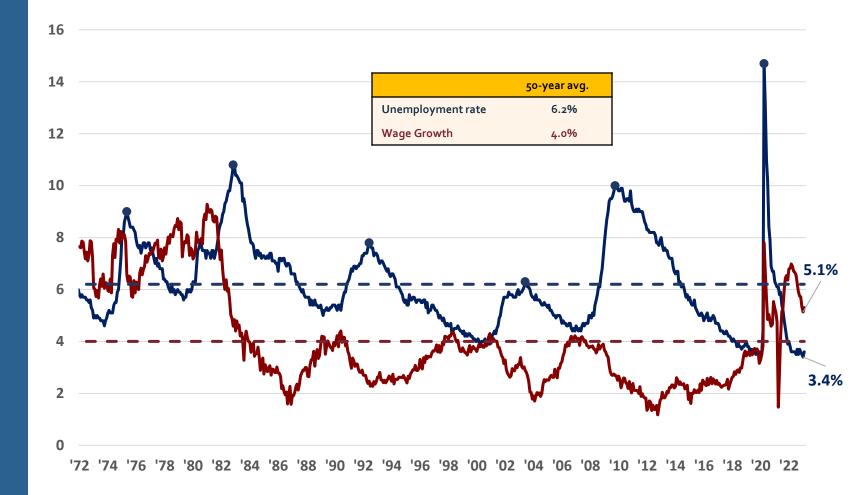








A Strong Labor Market

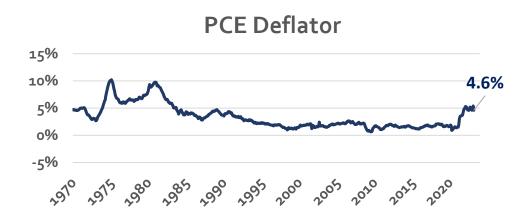




Inflation: Trending Lower but Still Elevated











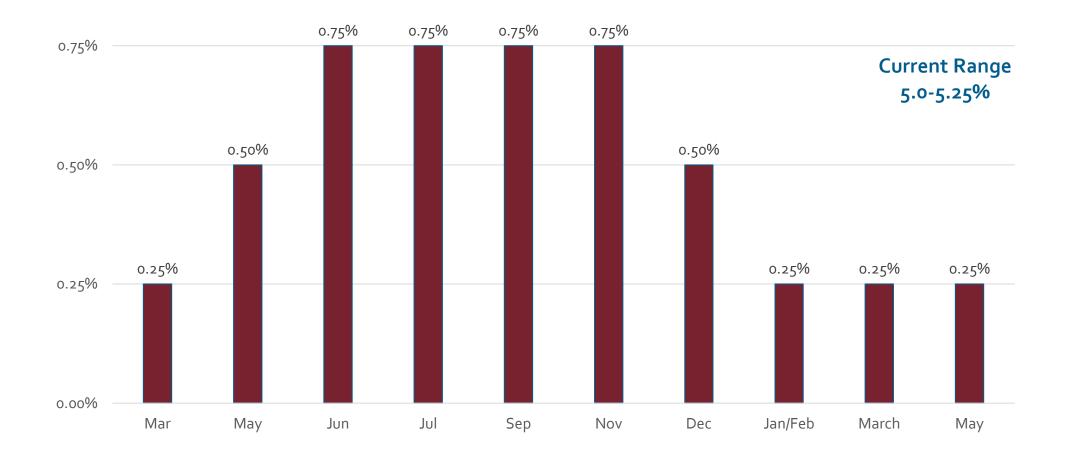
Is there a banking crisis?

- Diversification matters!
 - Deposit base
 - Loan portfolio
 - Investment portfolio
 - Shareholder equity
- Liquidity vs. credit crisis?
 - Consumer and corporate credit remains historically strong
- Contraction of credit or return to normal underwriting standards?



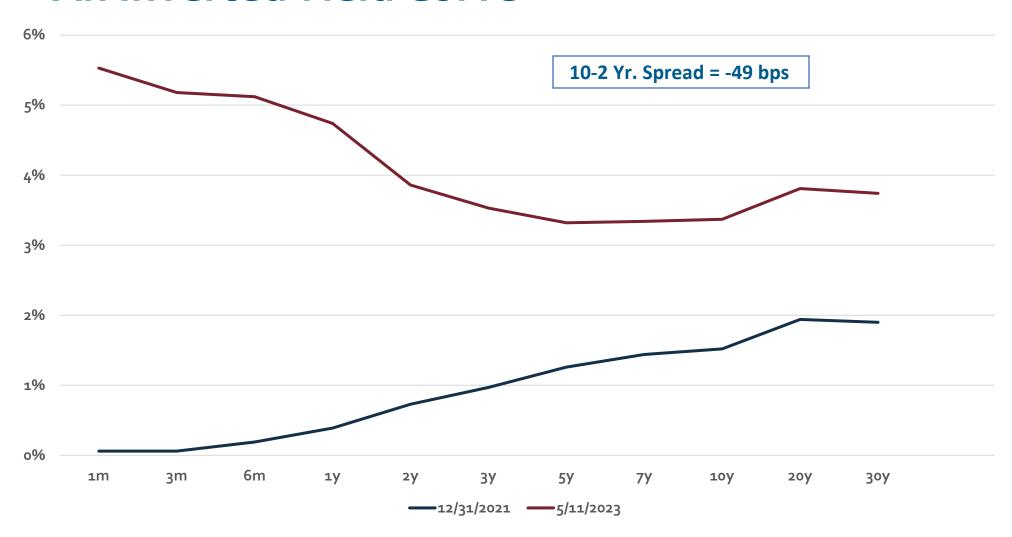
The End of the Free Money Era Federal Reserve Rate Hikes 2022-23 A Historic Rate of Change

1.00%



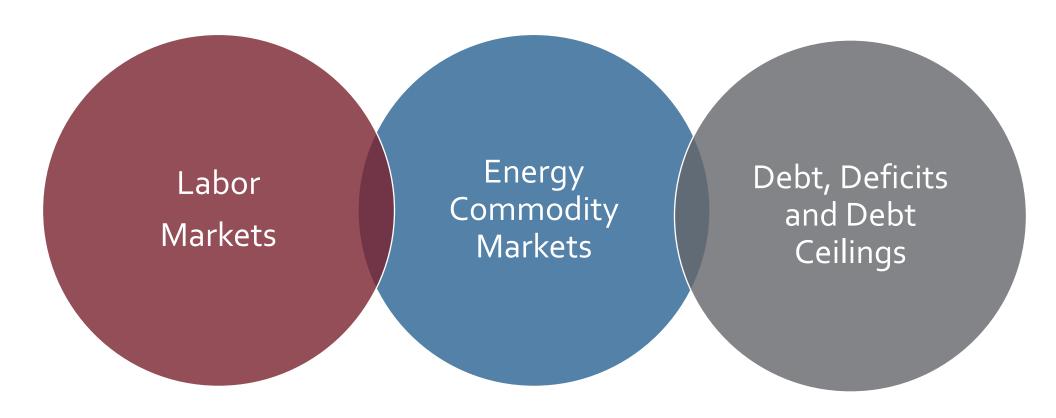


Interest Rates An Inverted Yield Curve



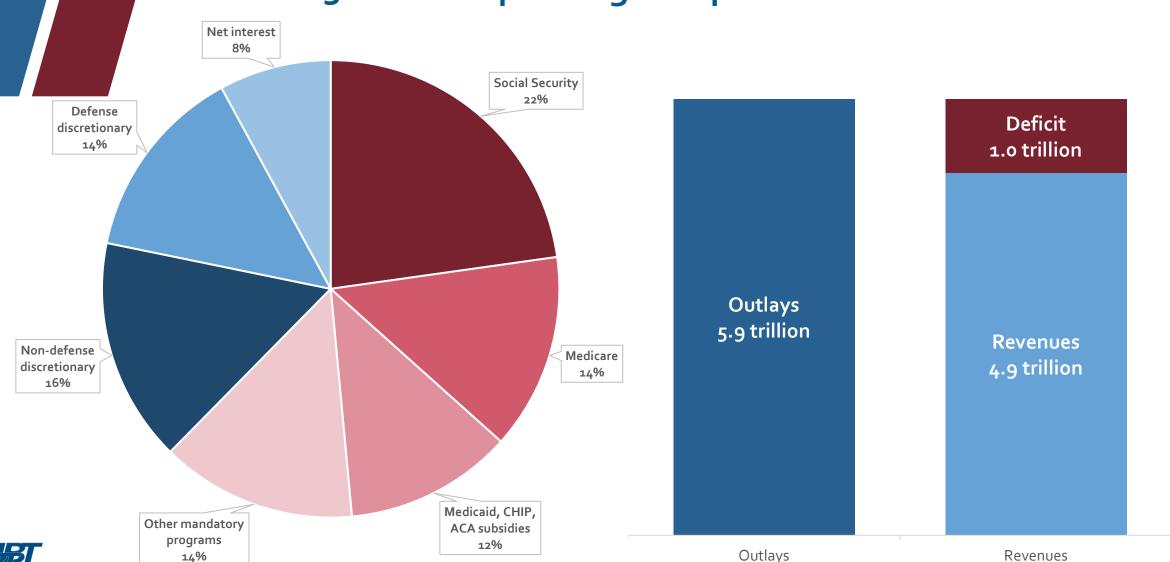


Long-Term Drivers of Inflation





Debt, Deficits and Debt Ceilings 2023 Federal Spending Components





NBT Bank in Maine

- NBT Bank is financing over 570 new multi-family units, either under construction or in closing
- Projects represent over \$200 million in development in Southern Maine
- Projects range in size, scope and type (from high end to affordable housing)

