

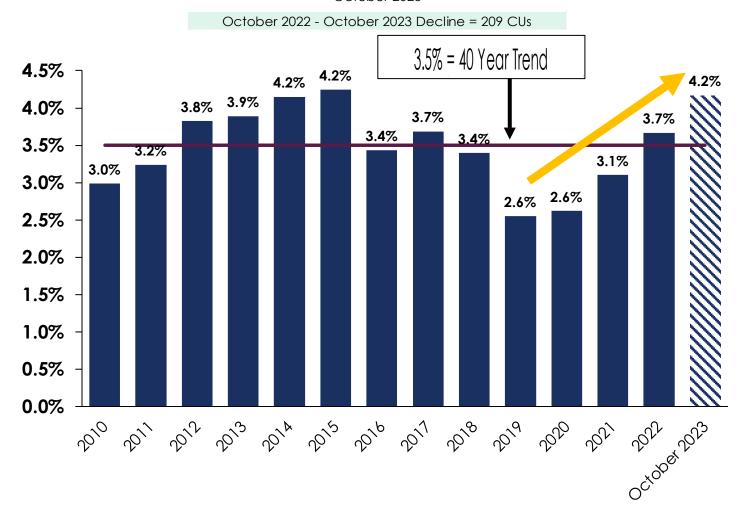
Economic and Credit Union Update

December 2023

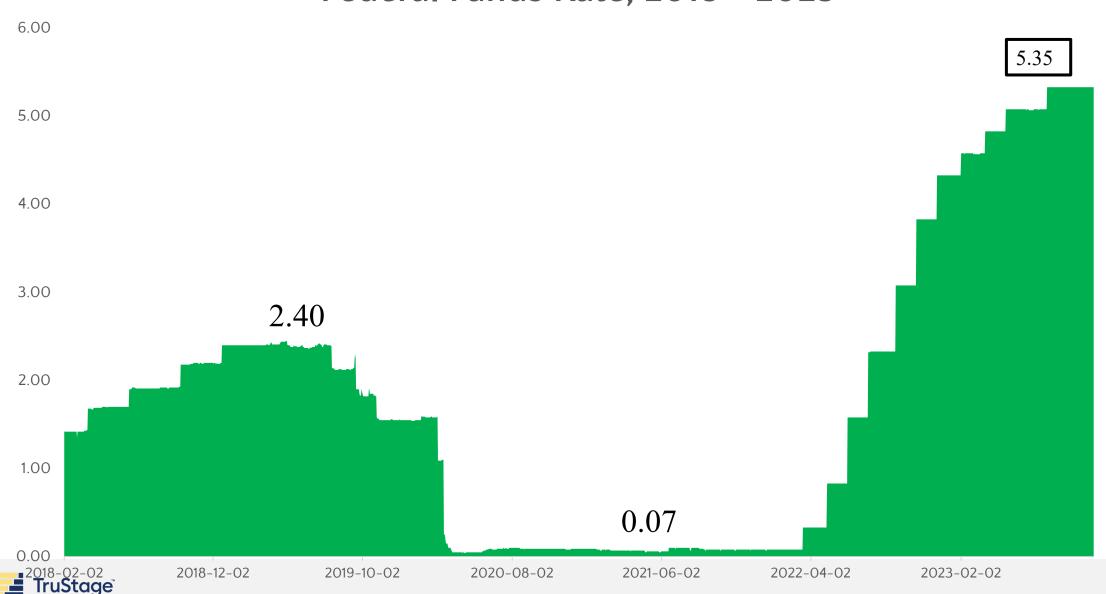
If you have any questions or comments, please contact: **Steven Rick, Chief Economist** Trustage - Economics 800.356.2644, Ext. 665.5454 Steve.rick@TruStage.com

Annual Contraction Rate in CU Marketplace

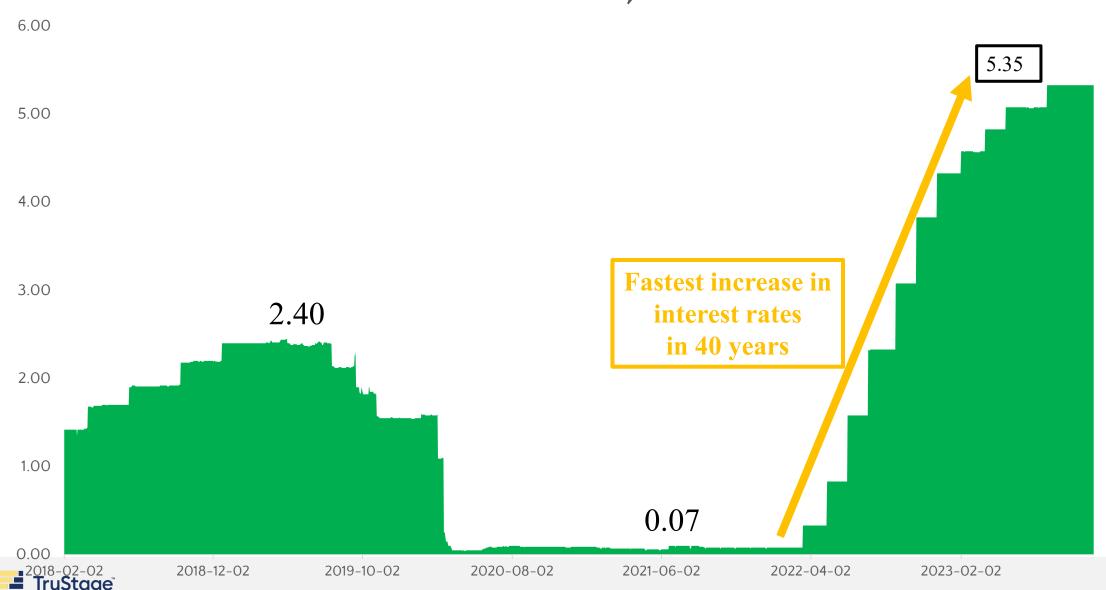
October 2023



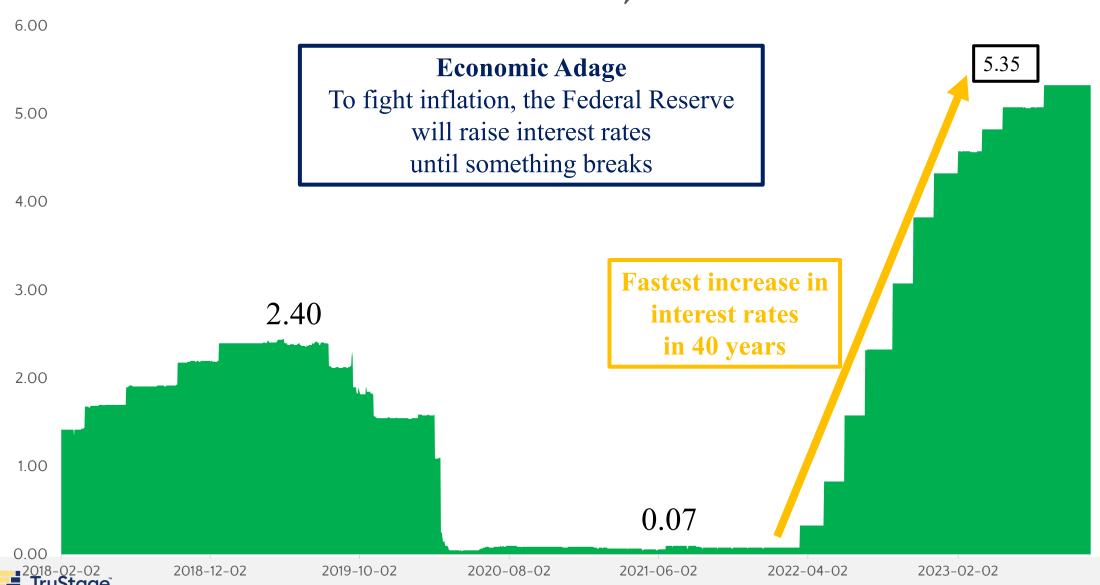
Federal Funds Rate, 2018 - 2023

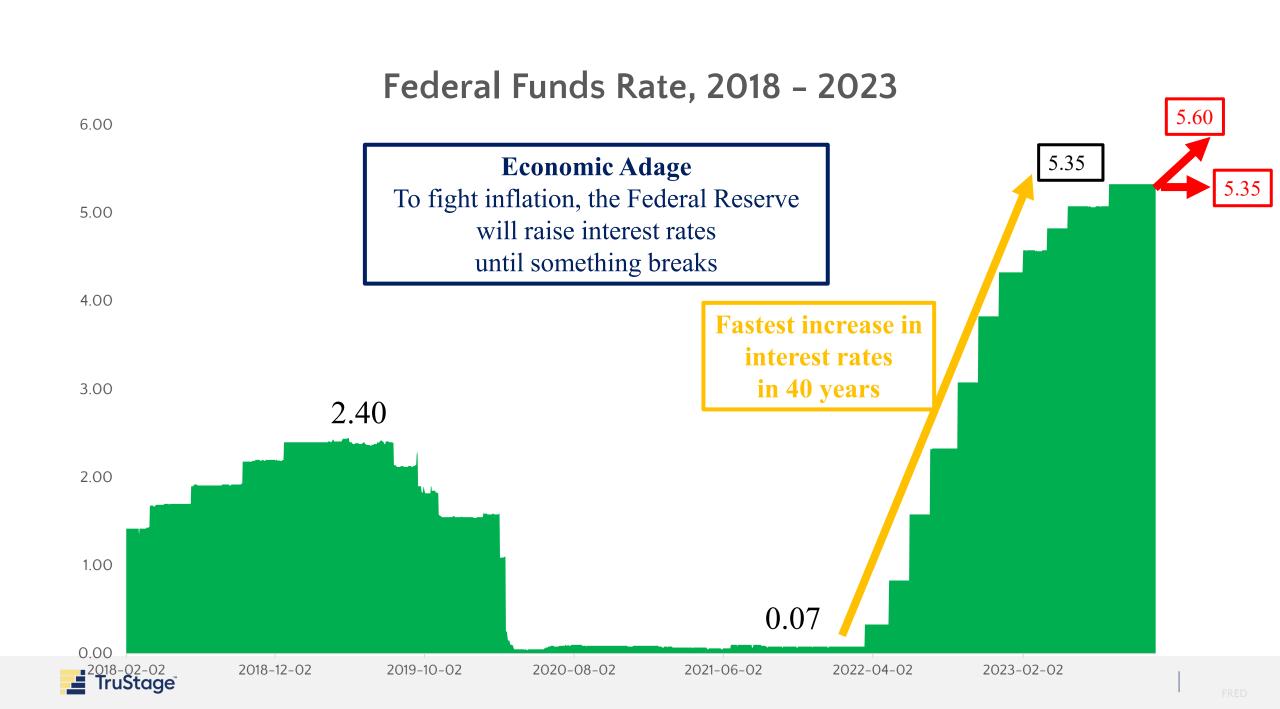


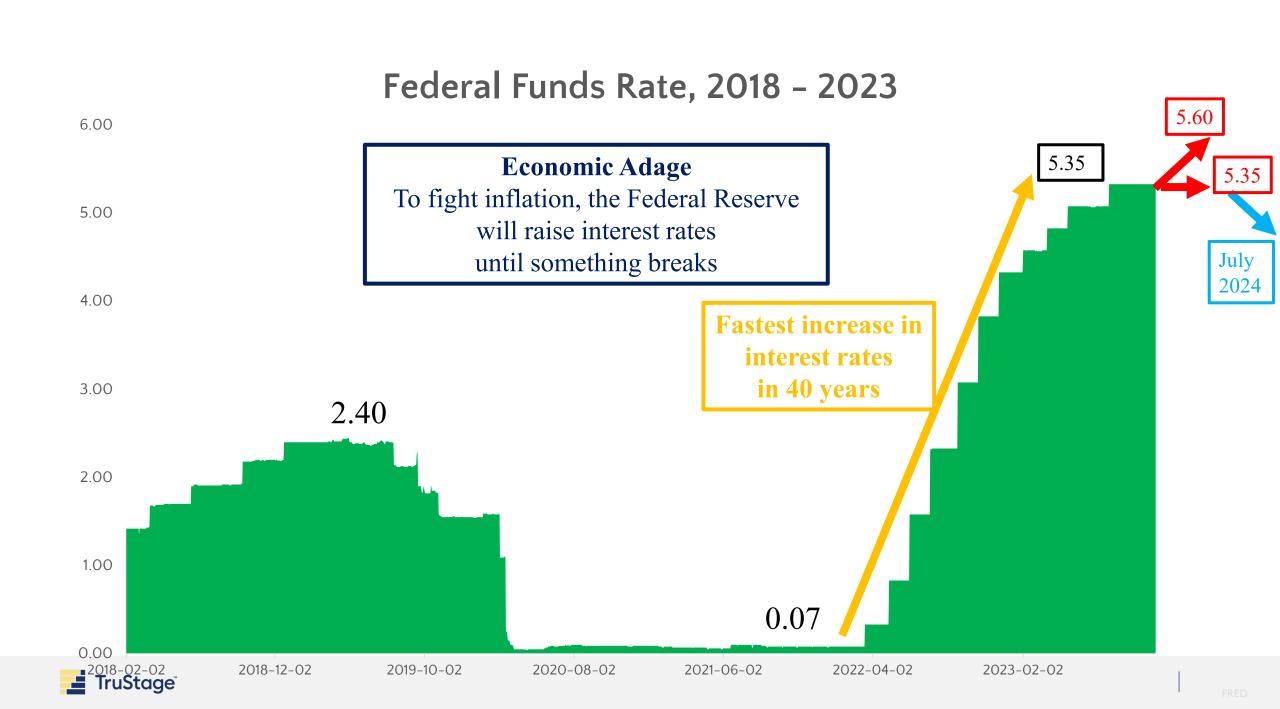
Federal Funds Rate, 2018 - 2023

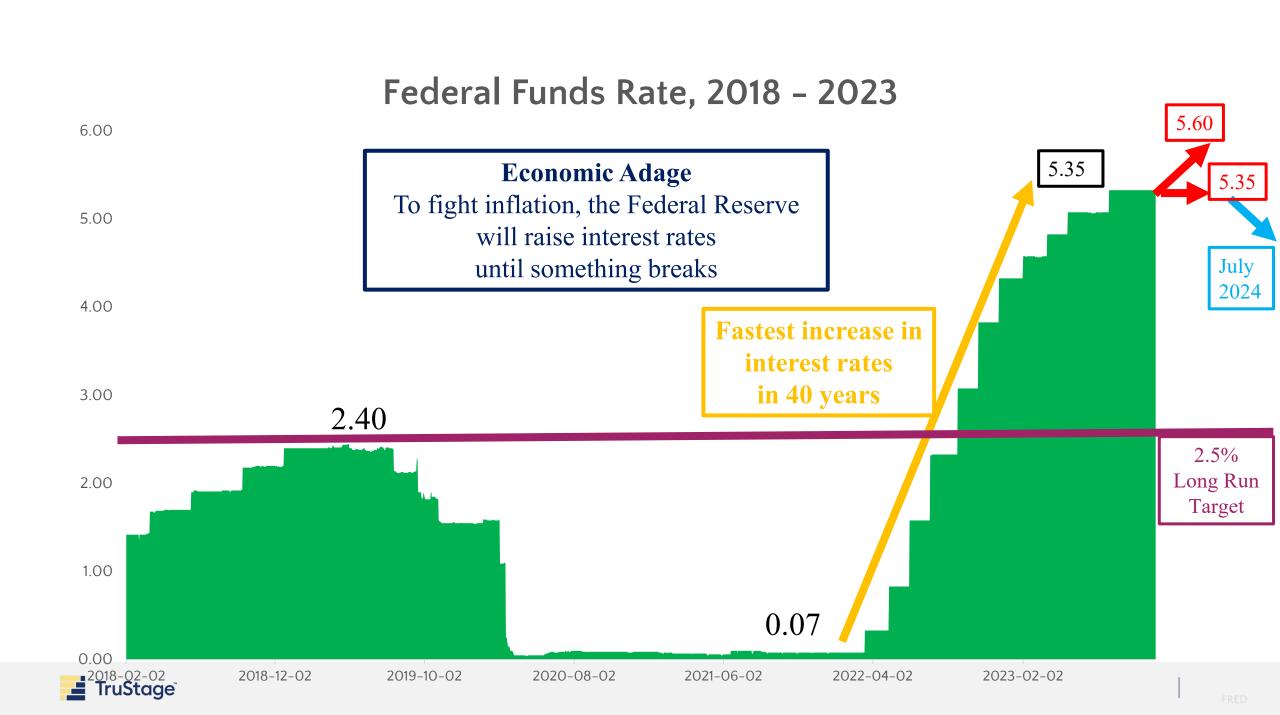


Federal Funds Rate, 2018 - 2023

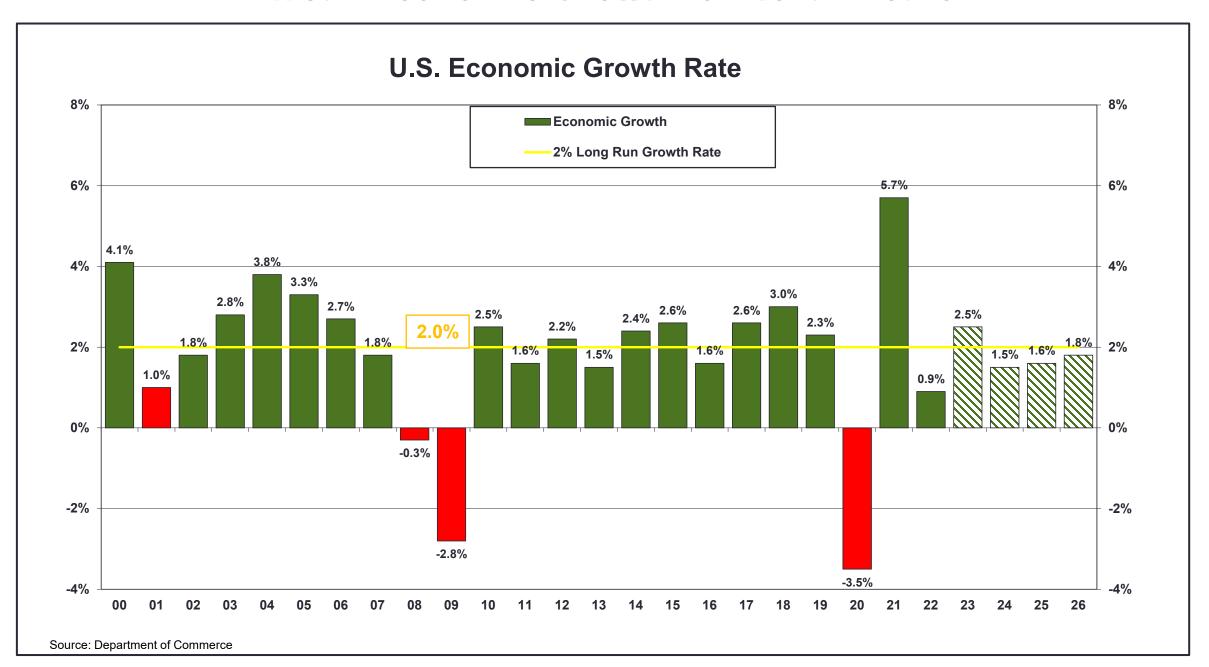




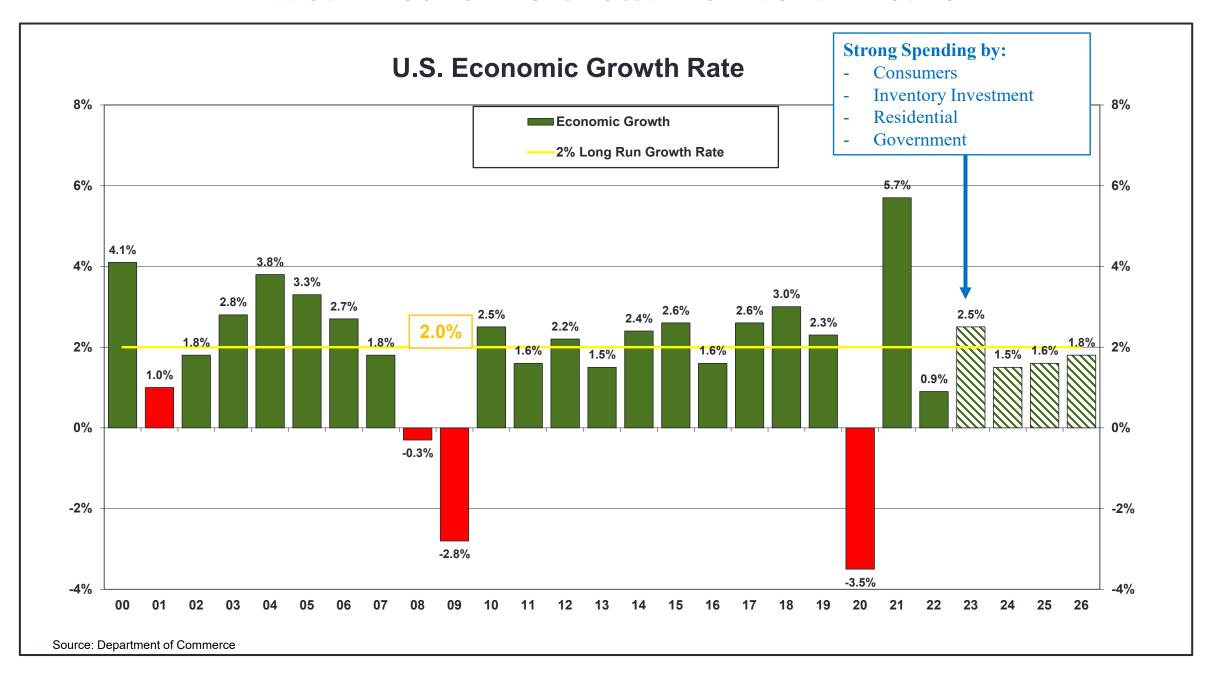




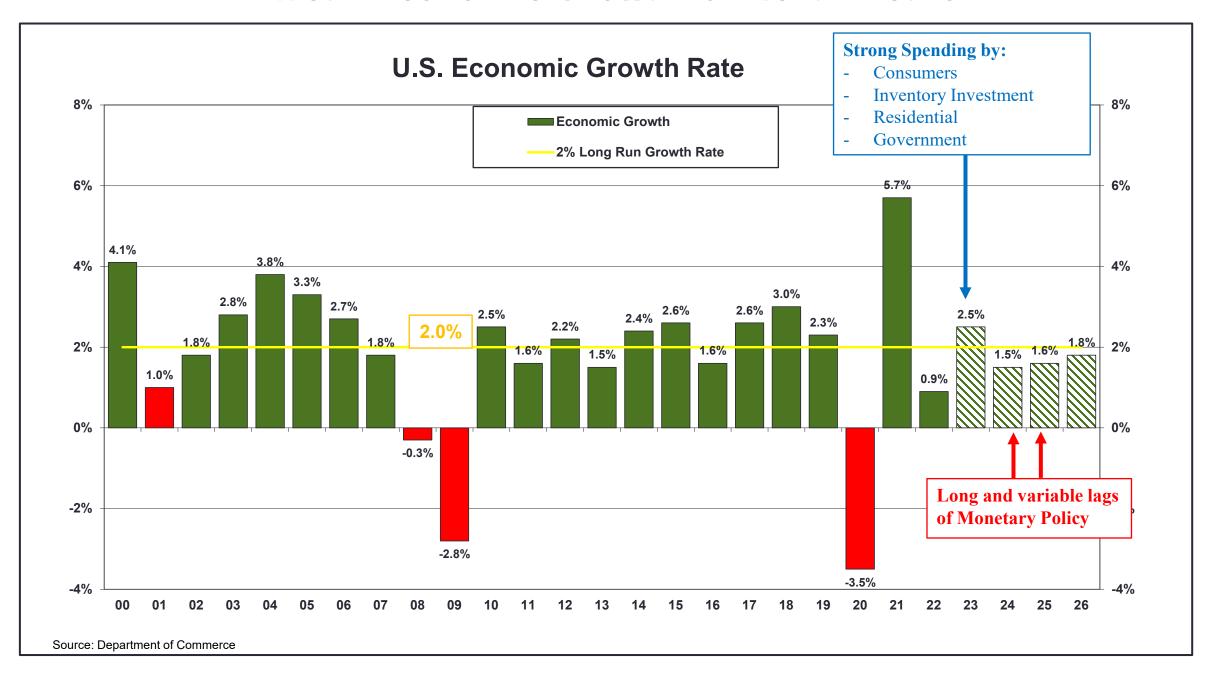
Weak Economic Growth for Next 2 Years

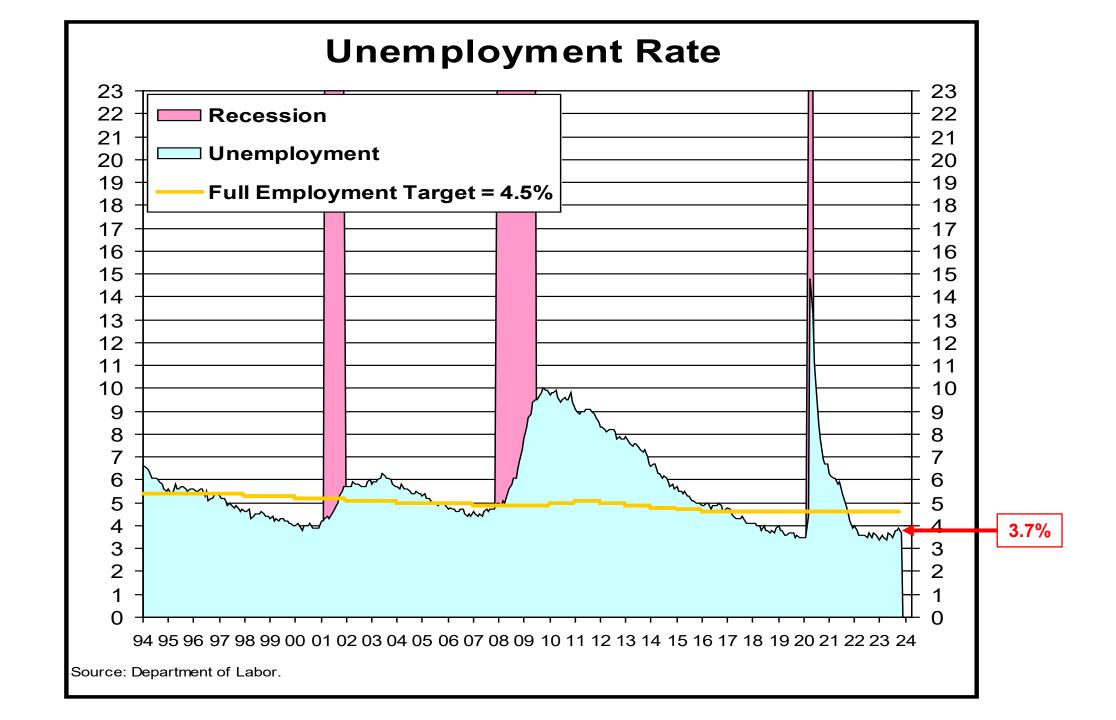


Weak Economic Growth for Next 2 Years



Weak Economic Growth for Next 2 Years

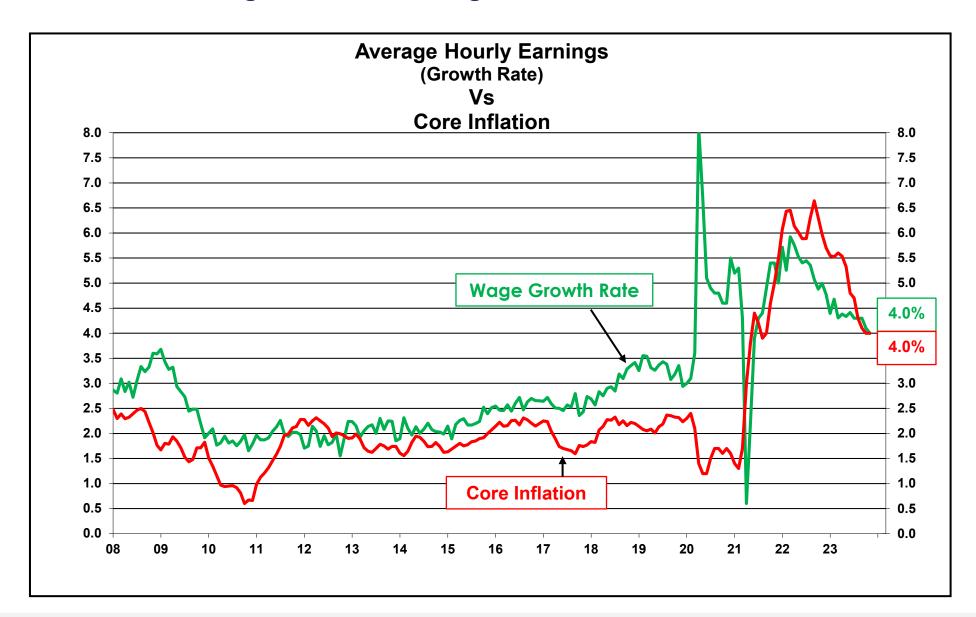




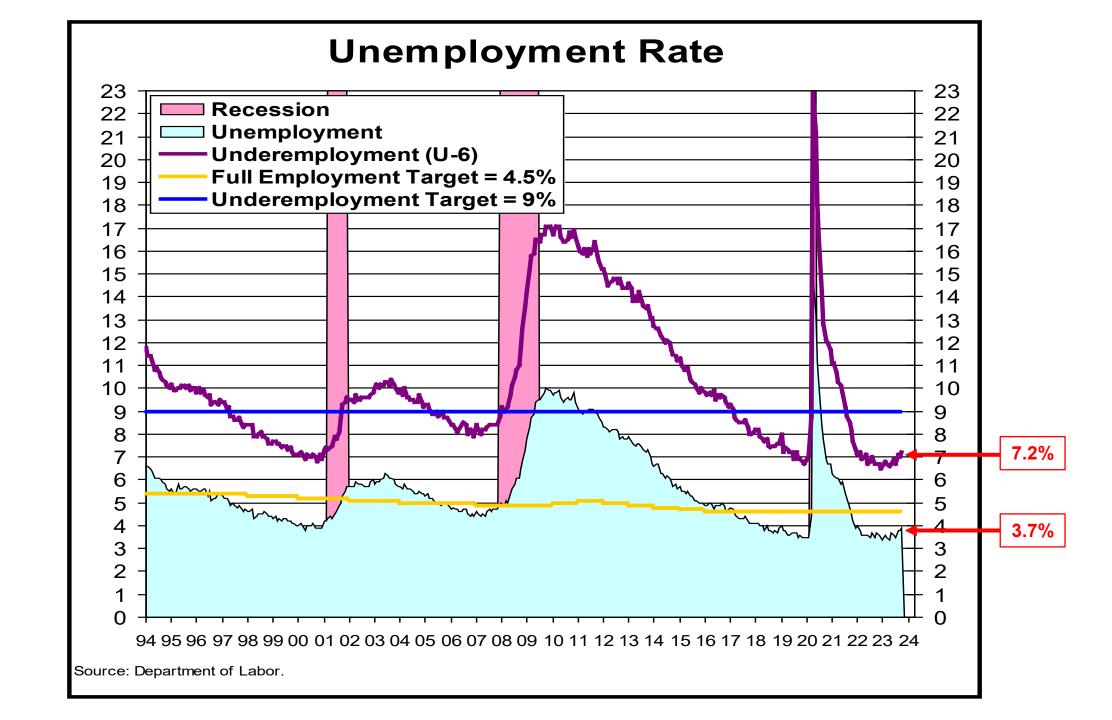
Job Openings Rate is the number of job openings on the last business day of the **Job Openings Rate** month as a percent of total employment plus job openings. (Thousands, SA) 8.00 8.00 7.50 7.50 7.00 7.00 6.50 6.0% 6.00 5.50 5.00 5.00 4.50 4.50 4.00 4.00 3.50 3.50 3.5% Long Run 3.00 3.00 Average 2.50 2.50 2.00 2.00 1.50 1.50 **Recession** 1.00 1.00 **Private Sector** 0.50 0.50 —— Financial Sector 0.000.00 07 09 11 13 15 16 17 18 21 22

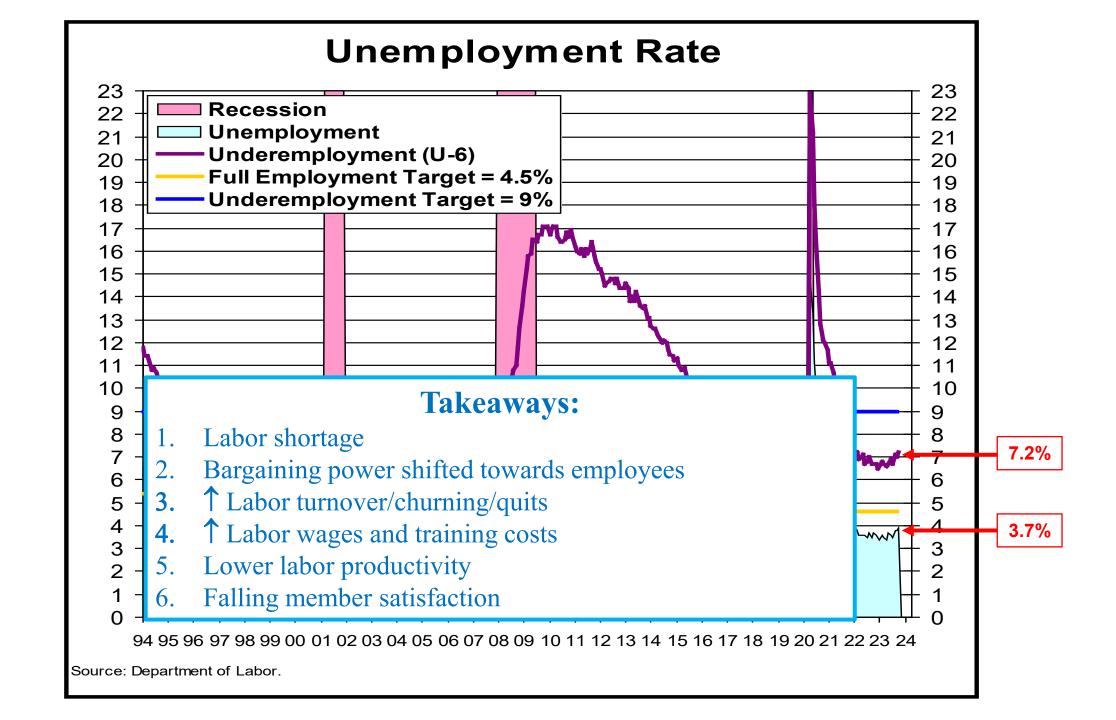


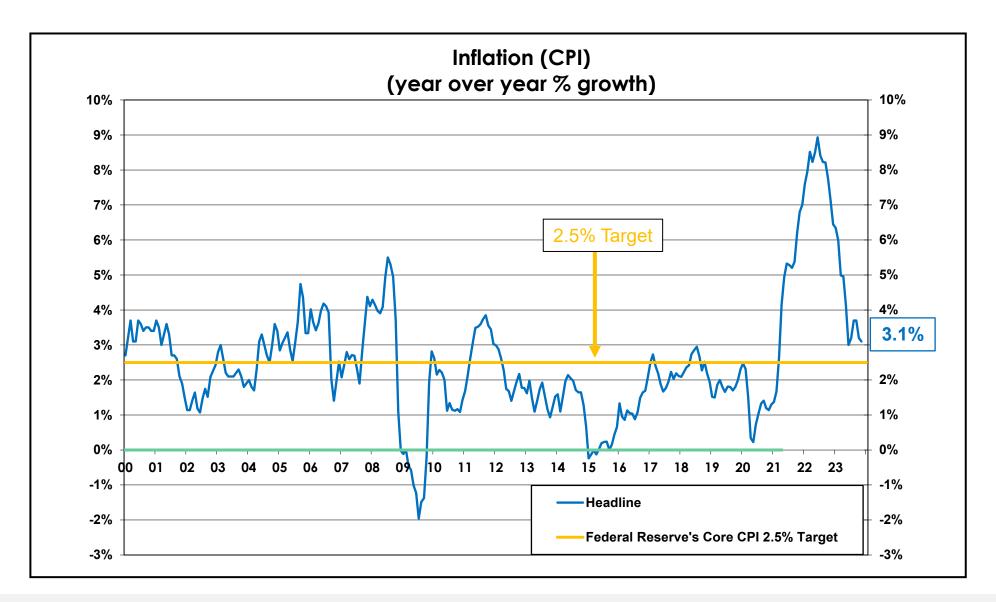
Wage Growth Slowing as Core Inflation Falls



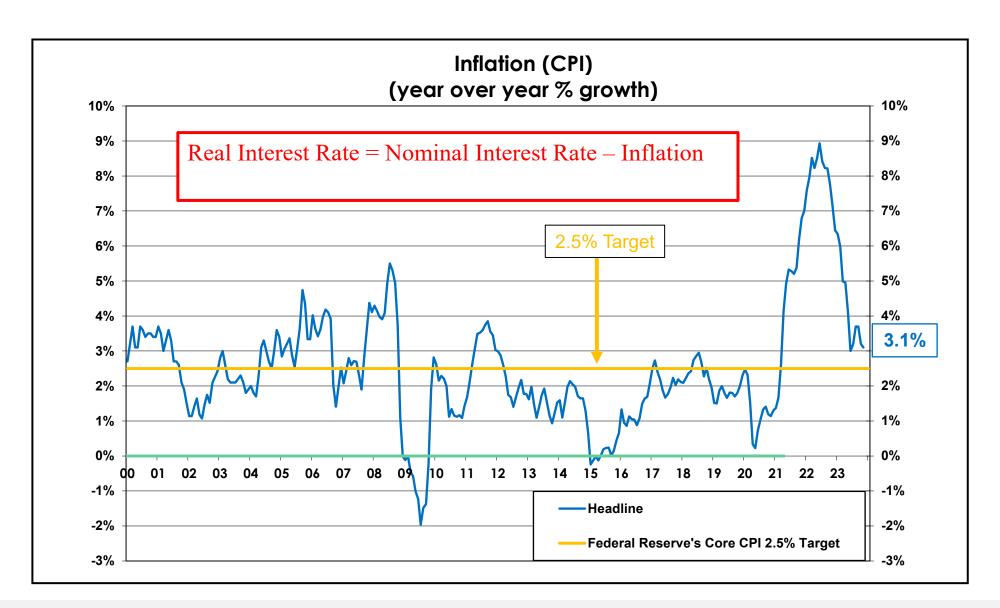




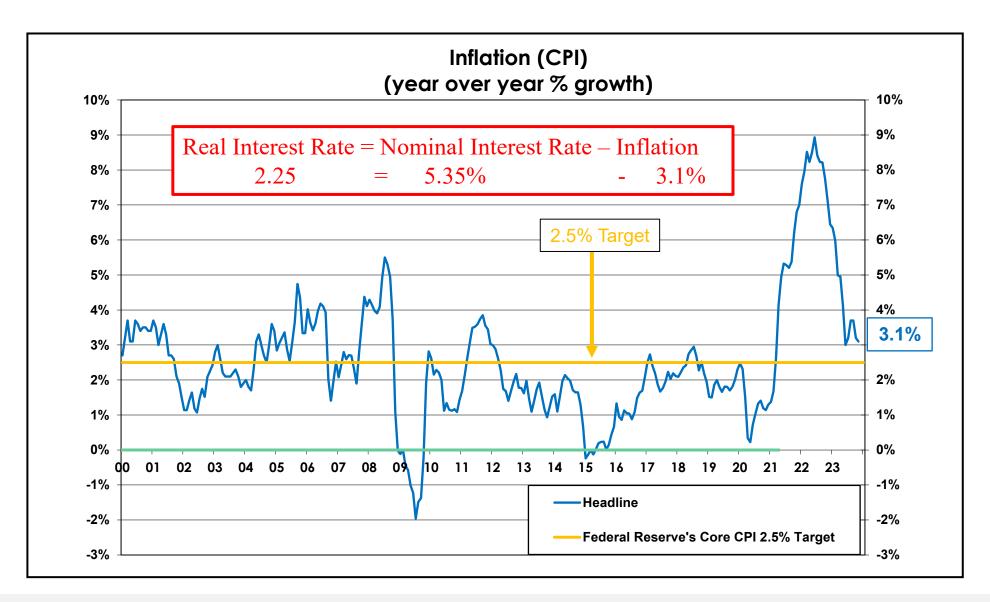




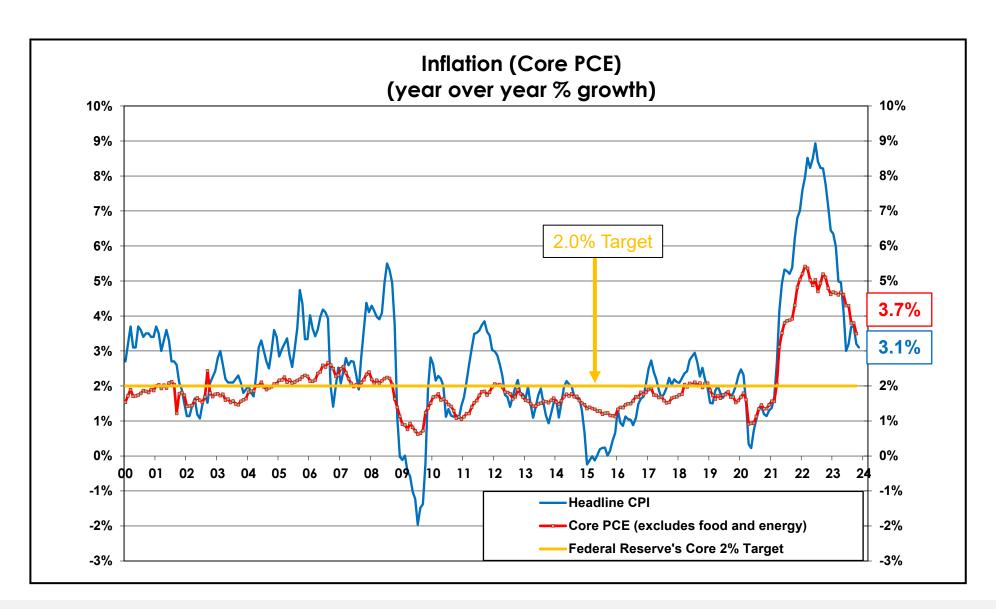




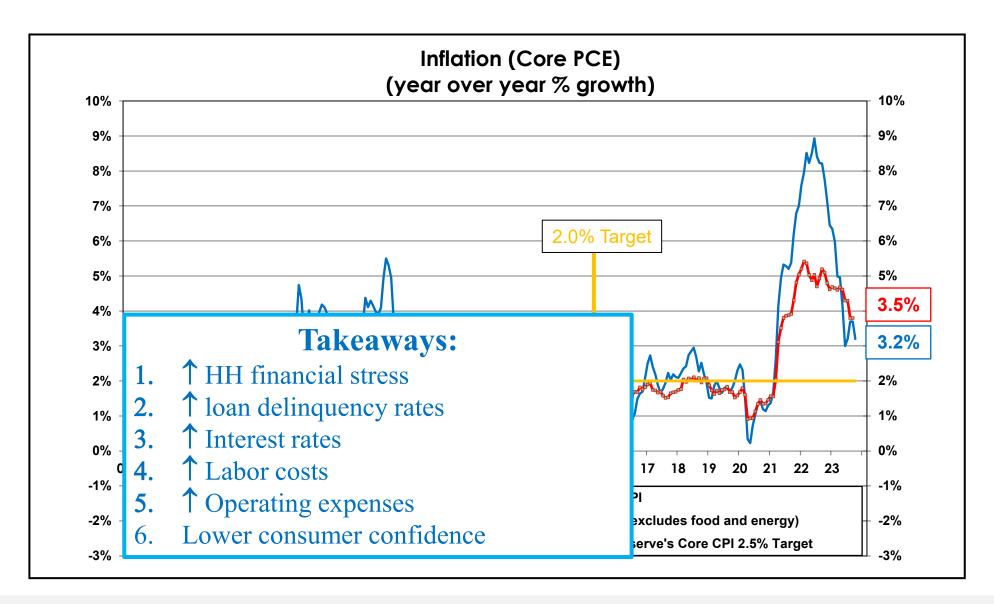




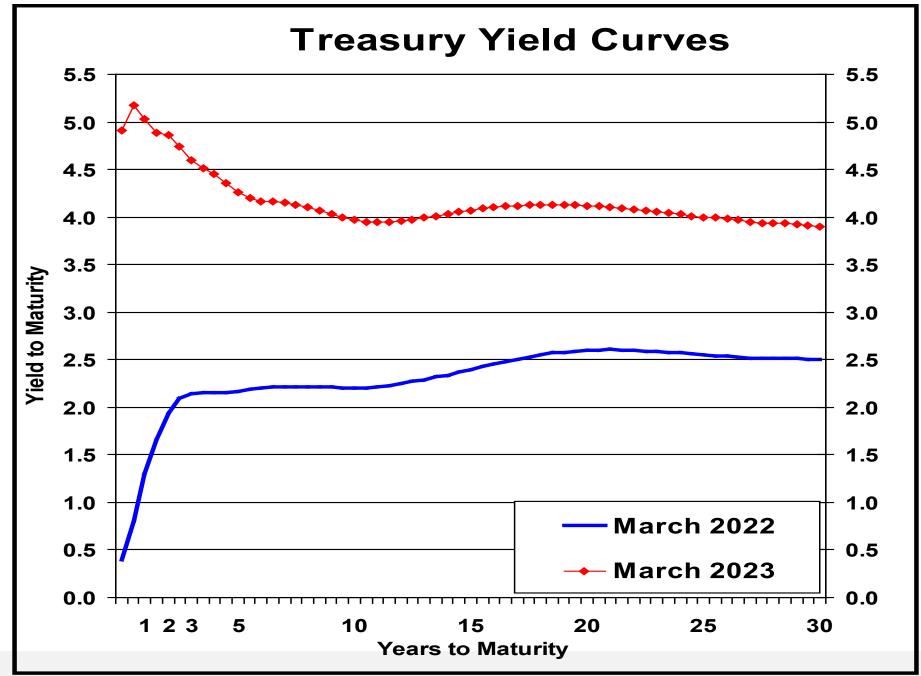




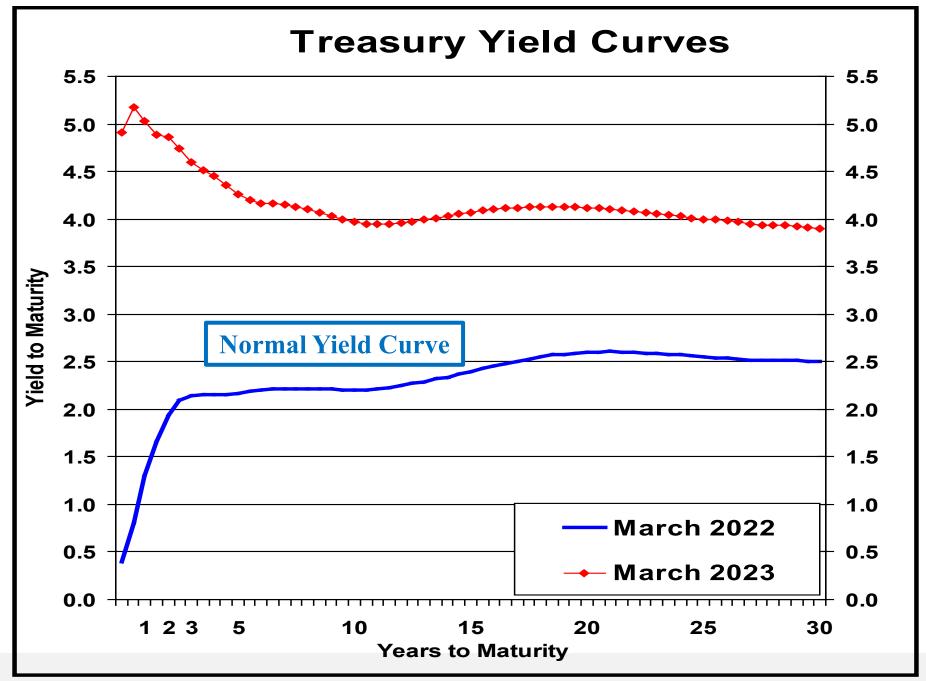




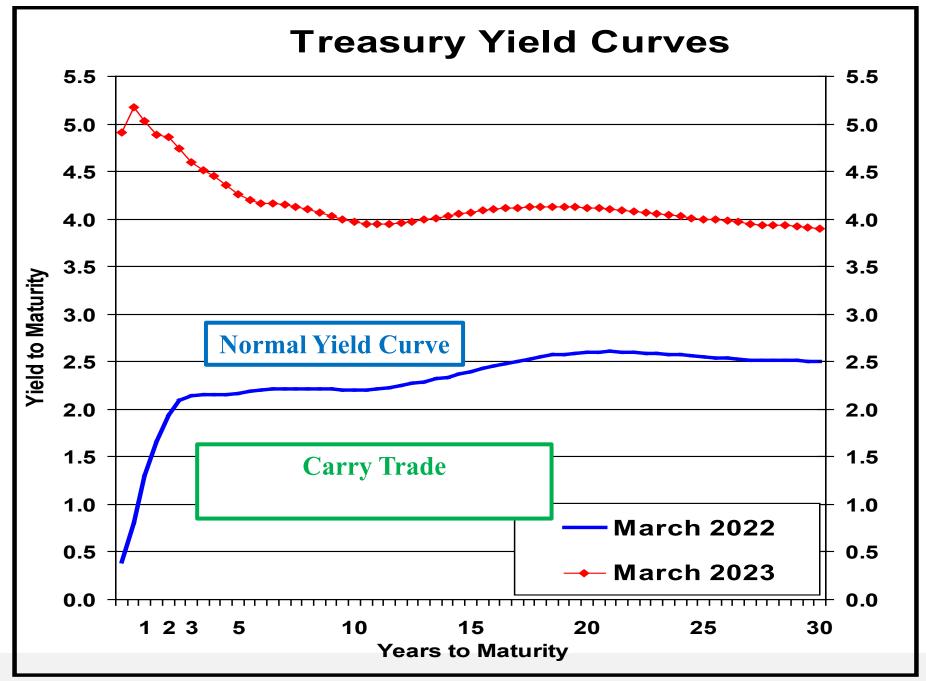




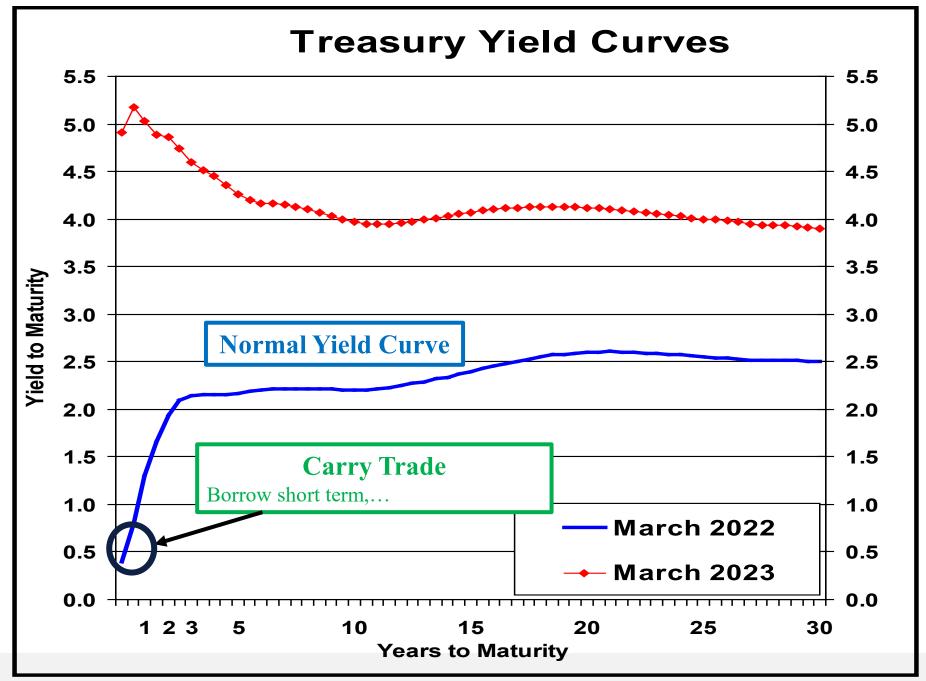




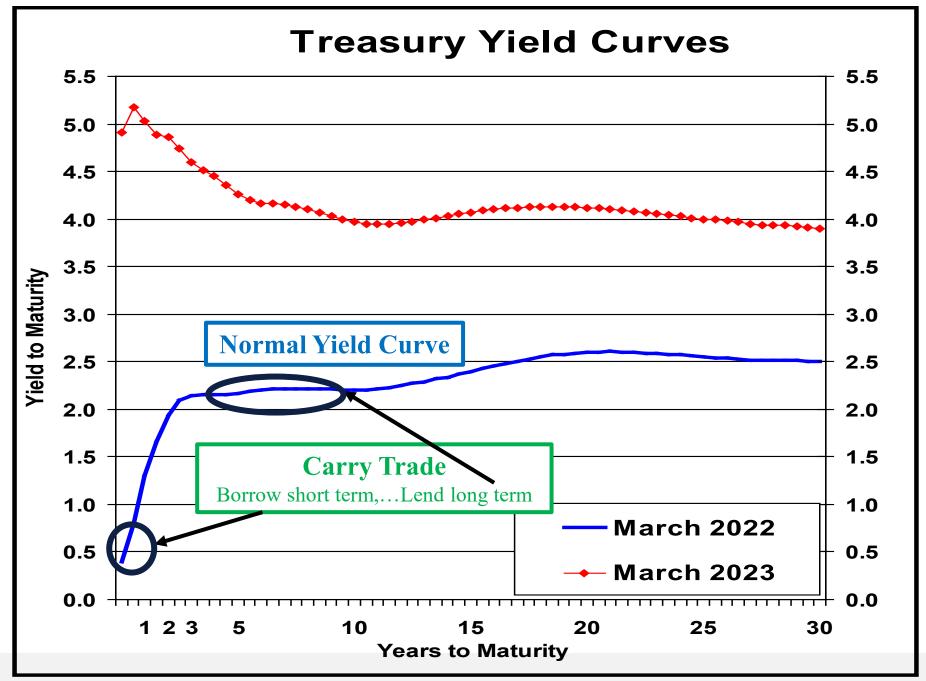




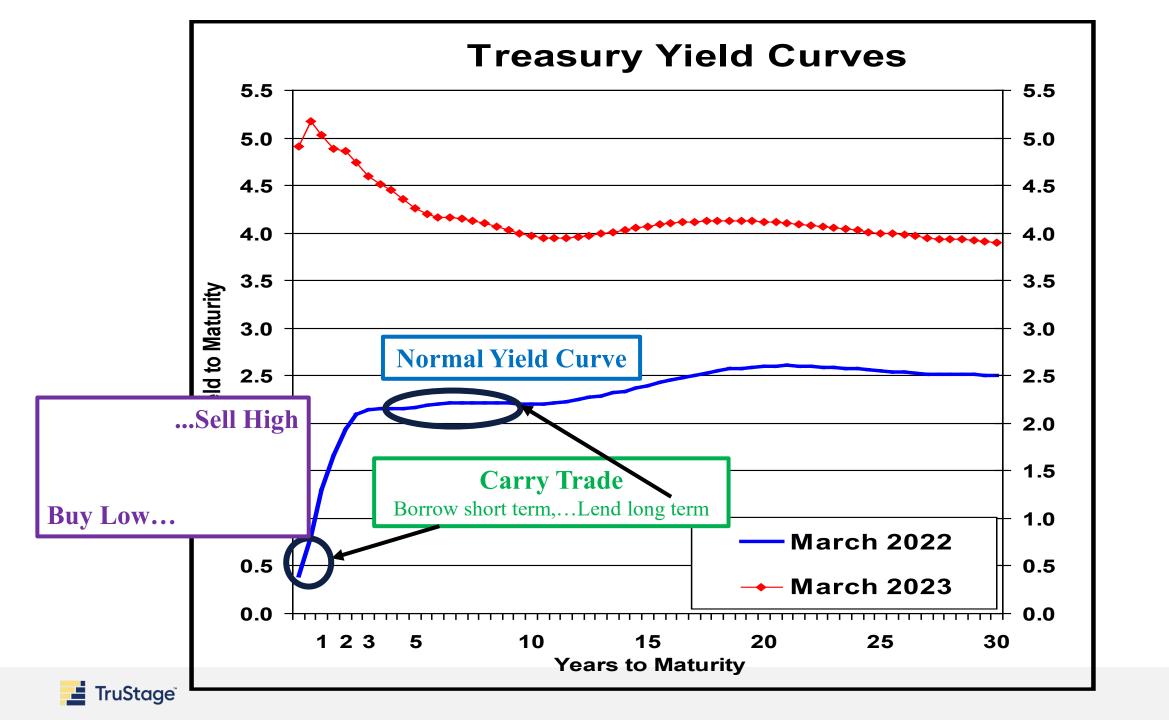


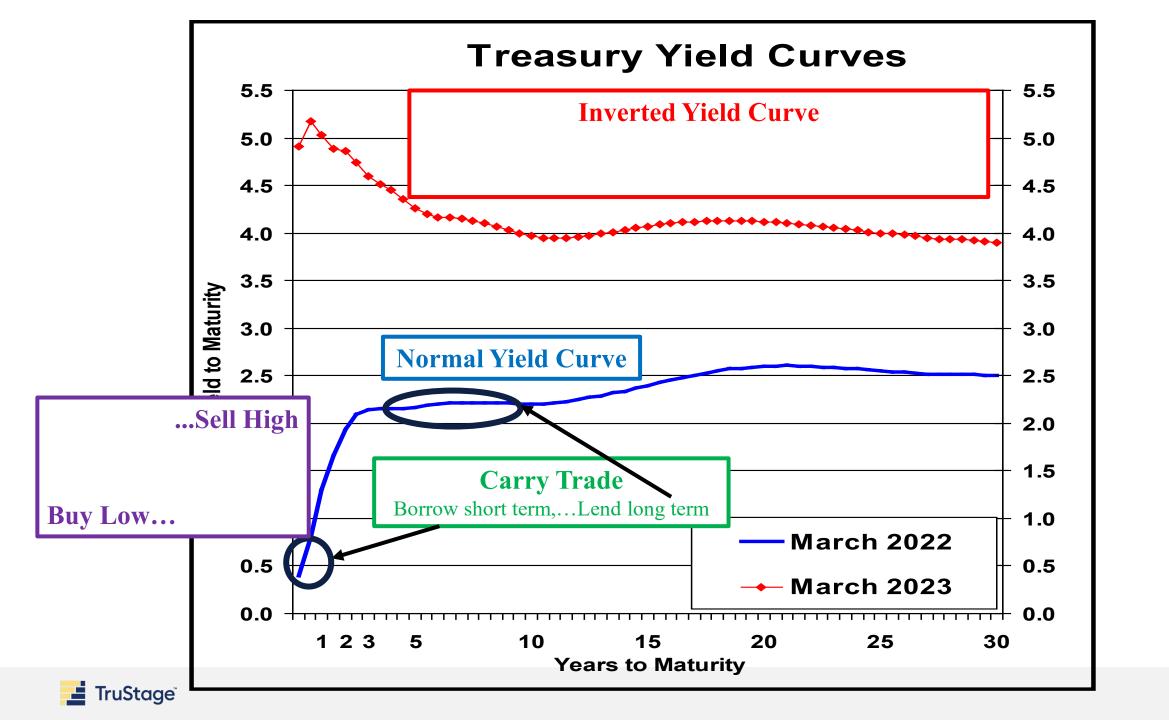


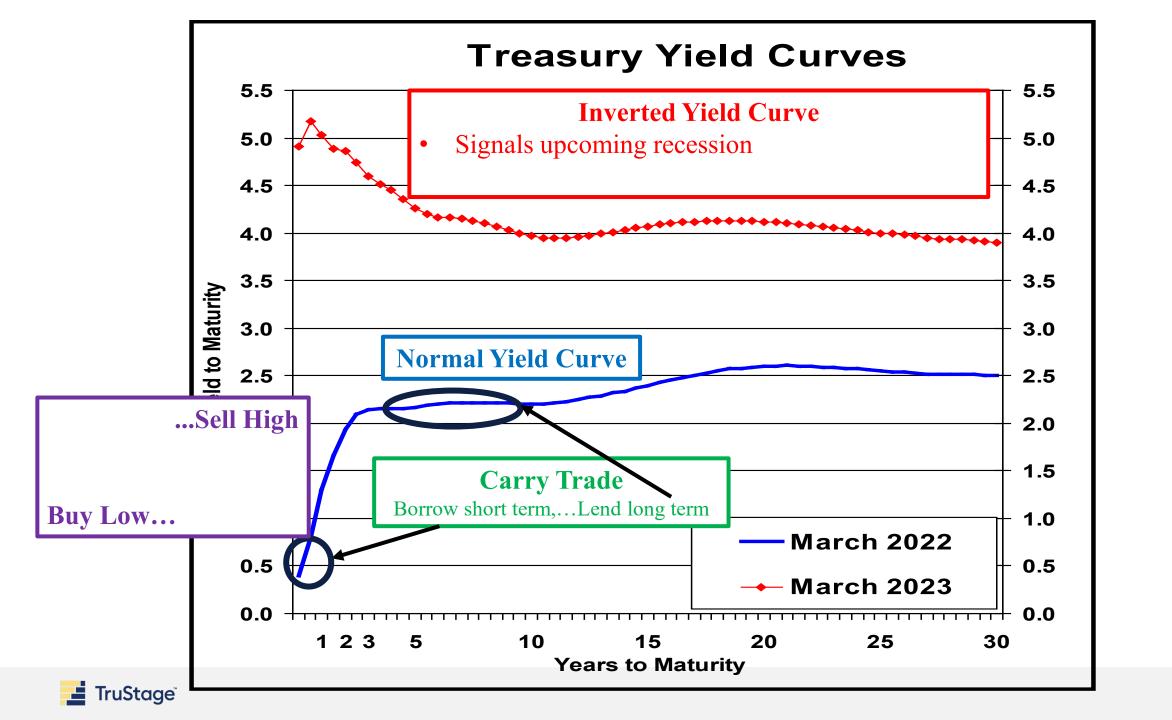


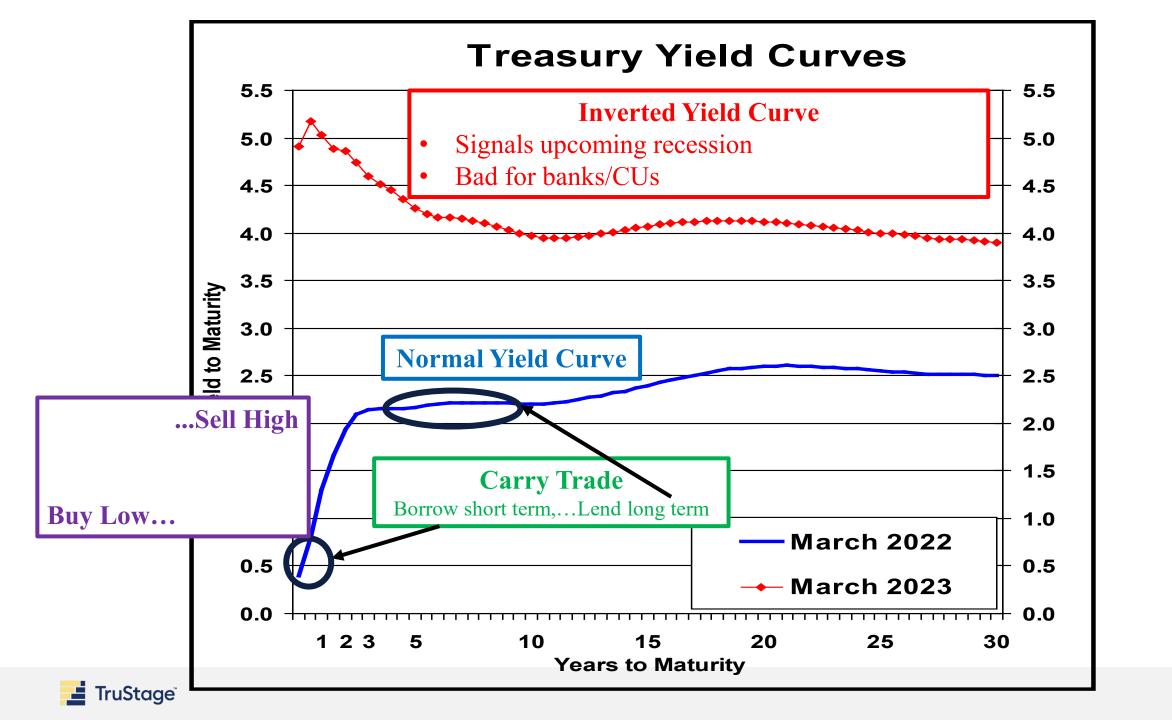


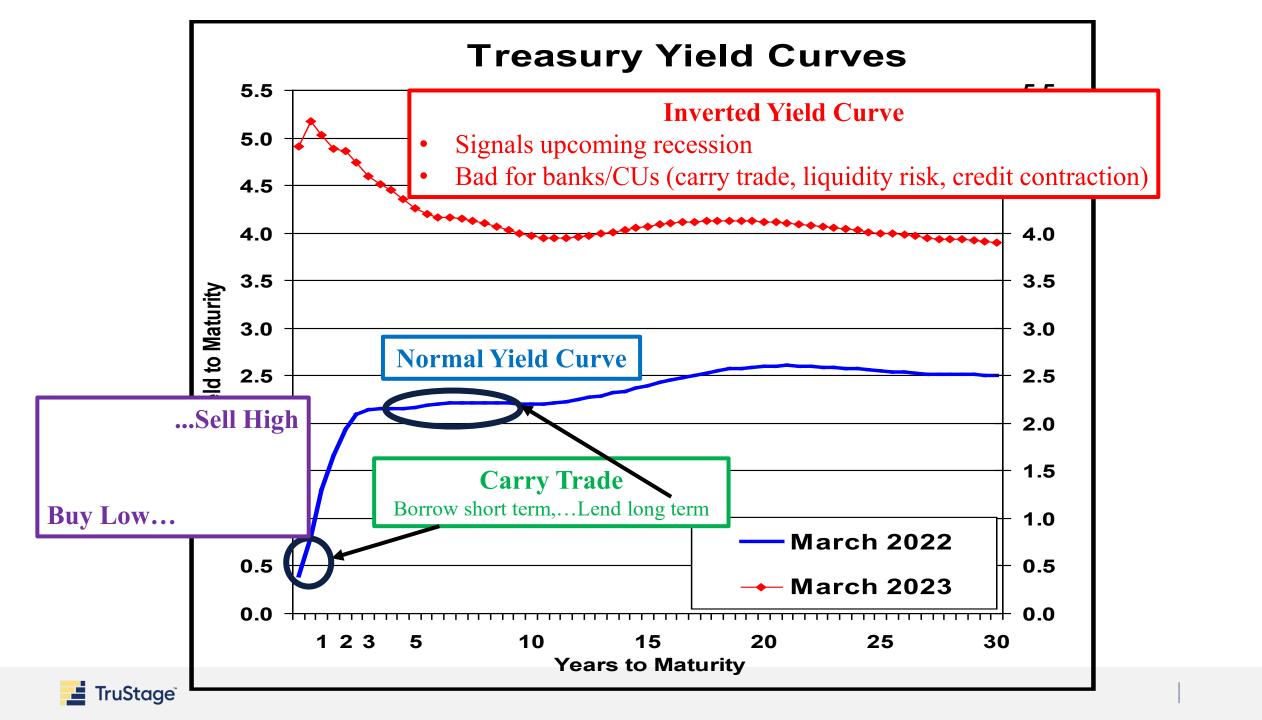


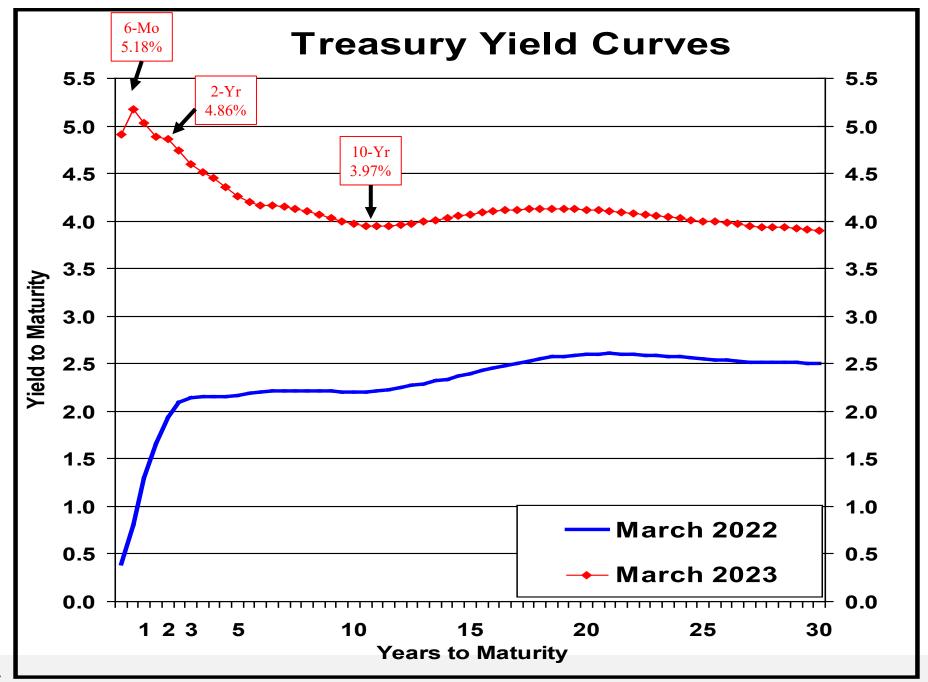




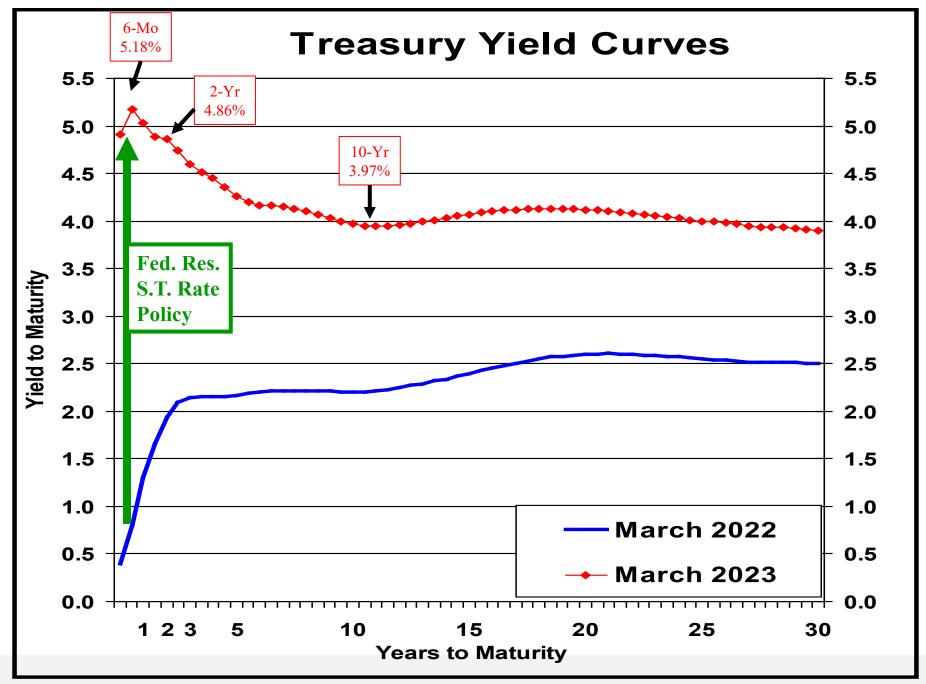




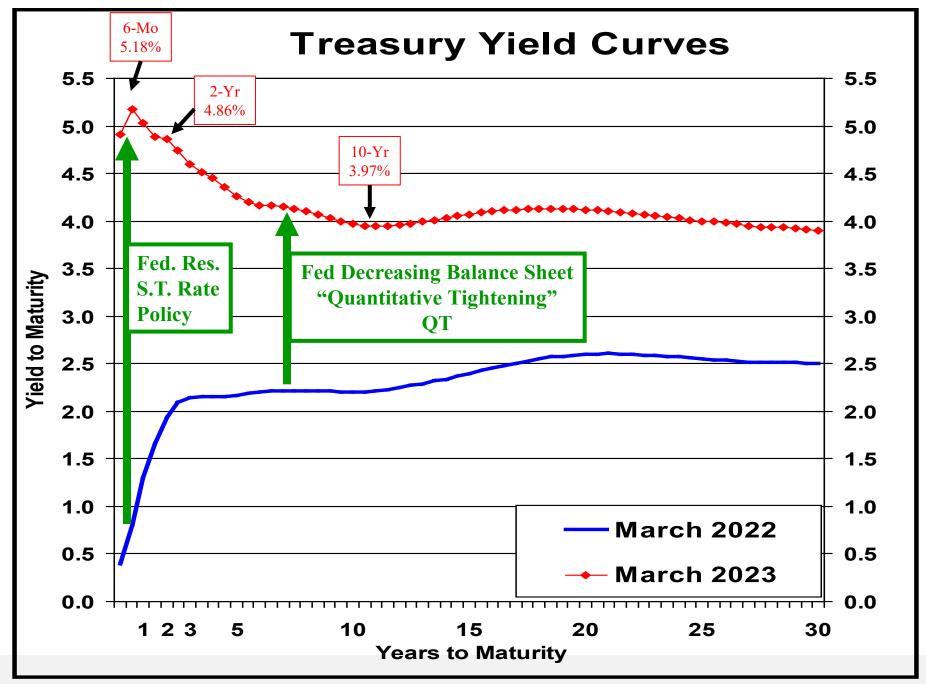




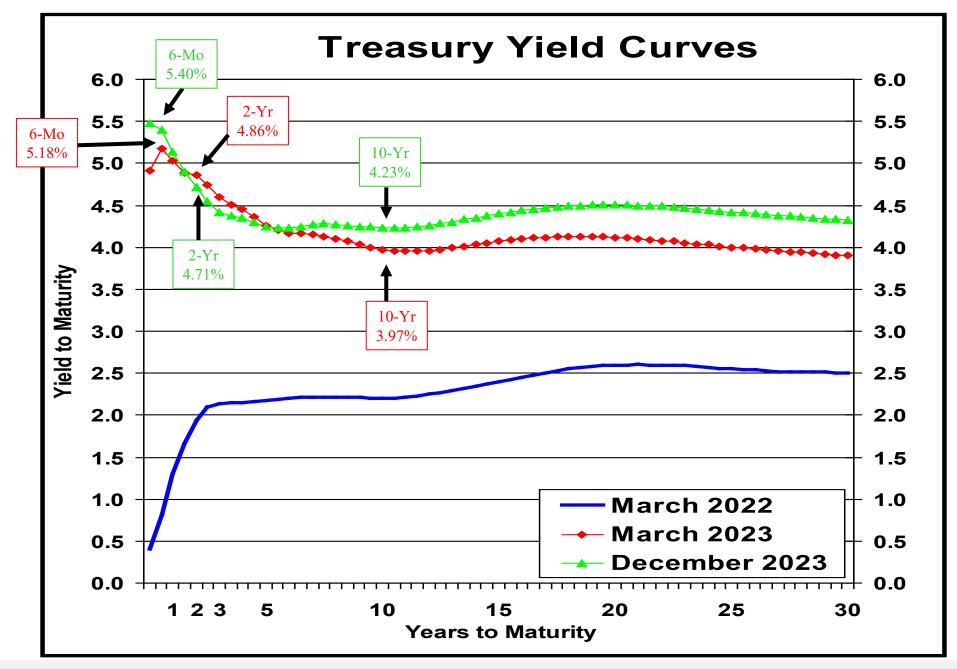




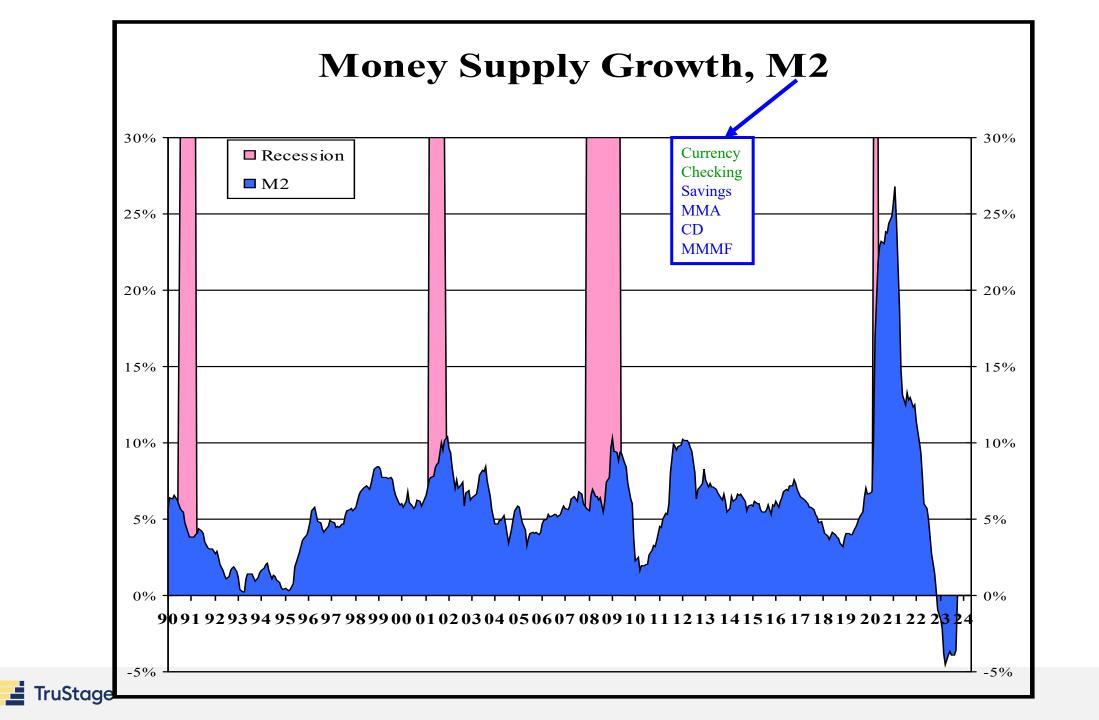


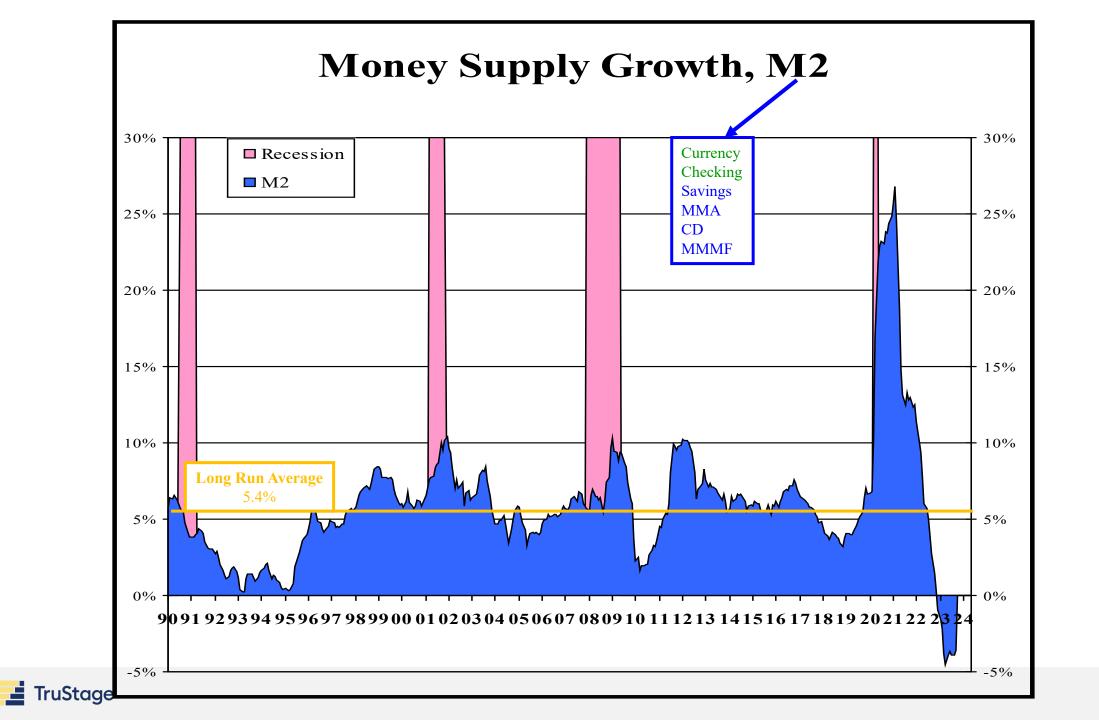


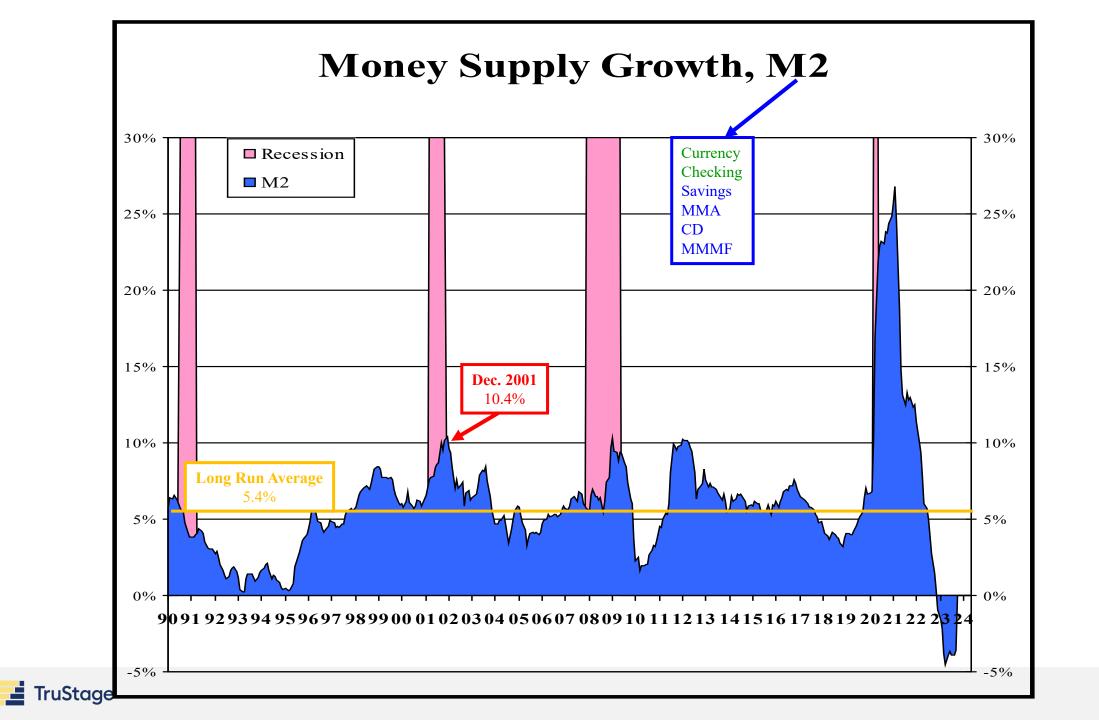


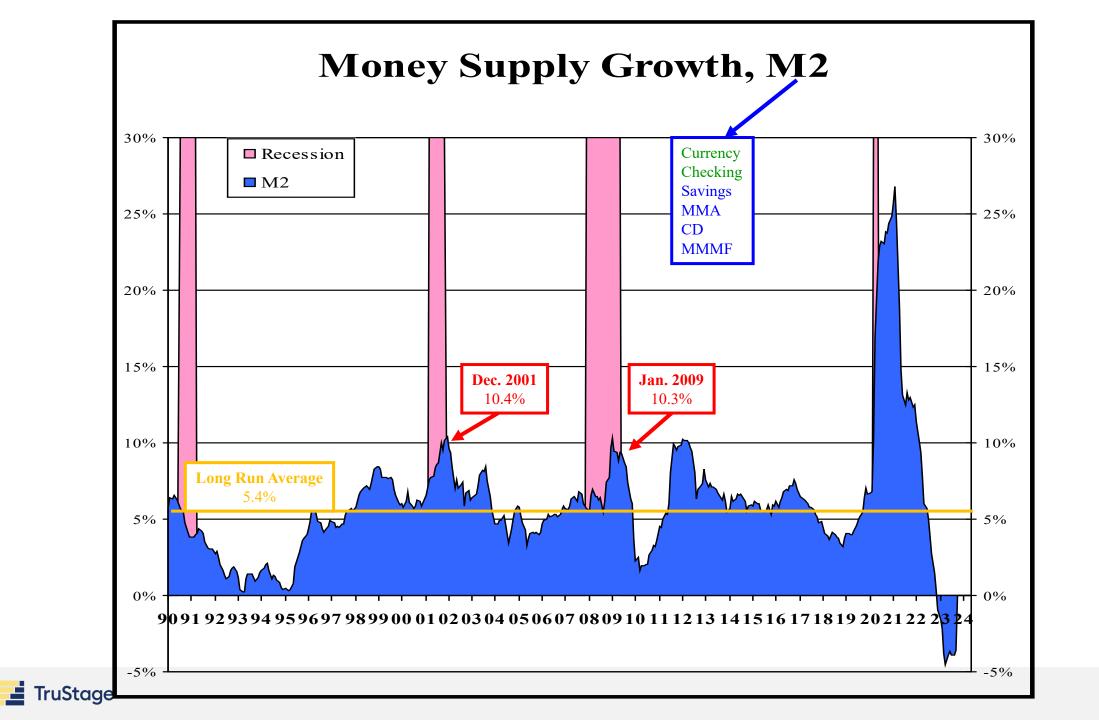


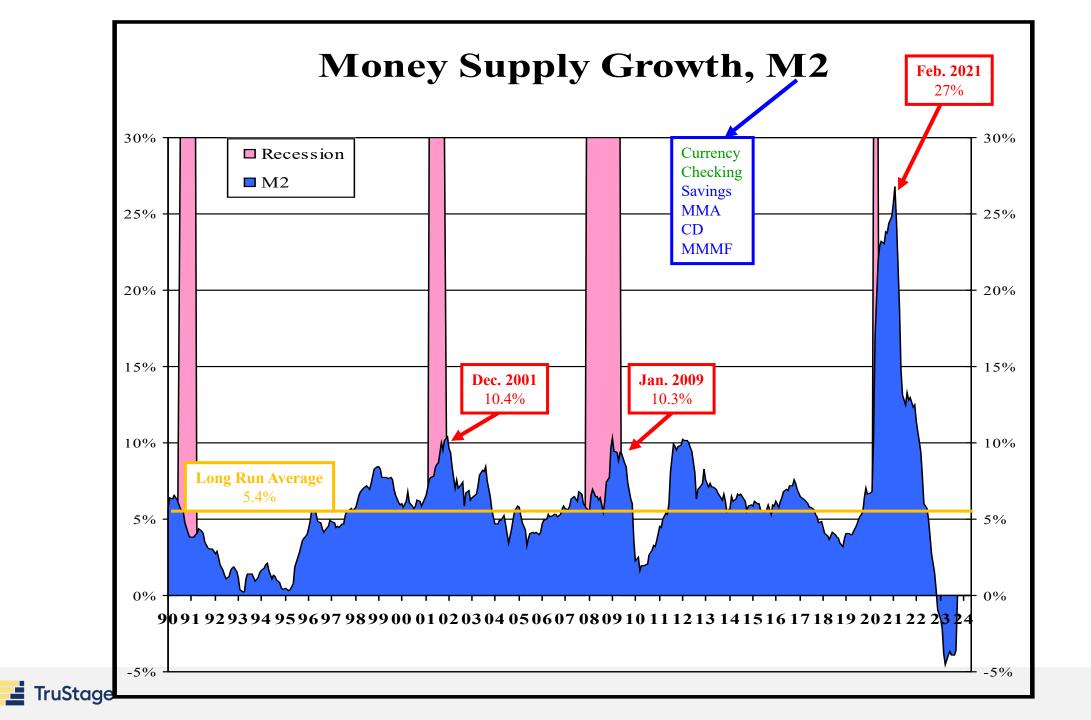


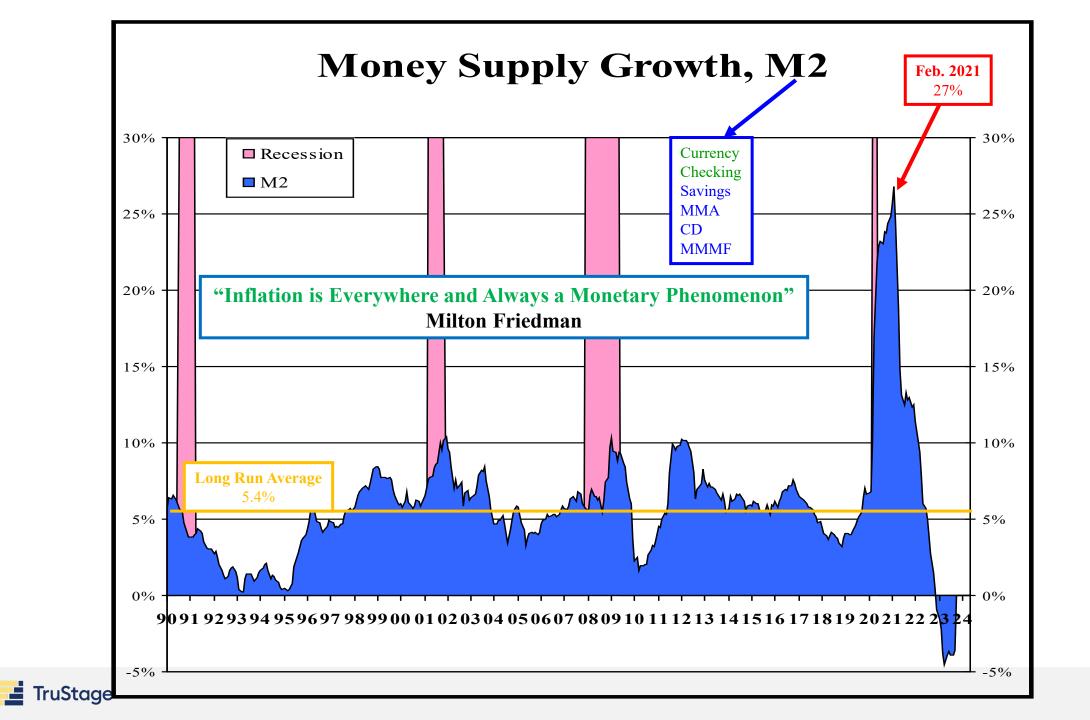


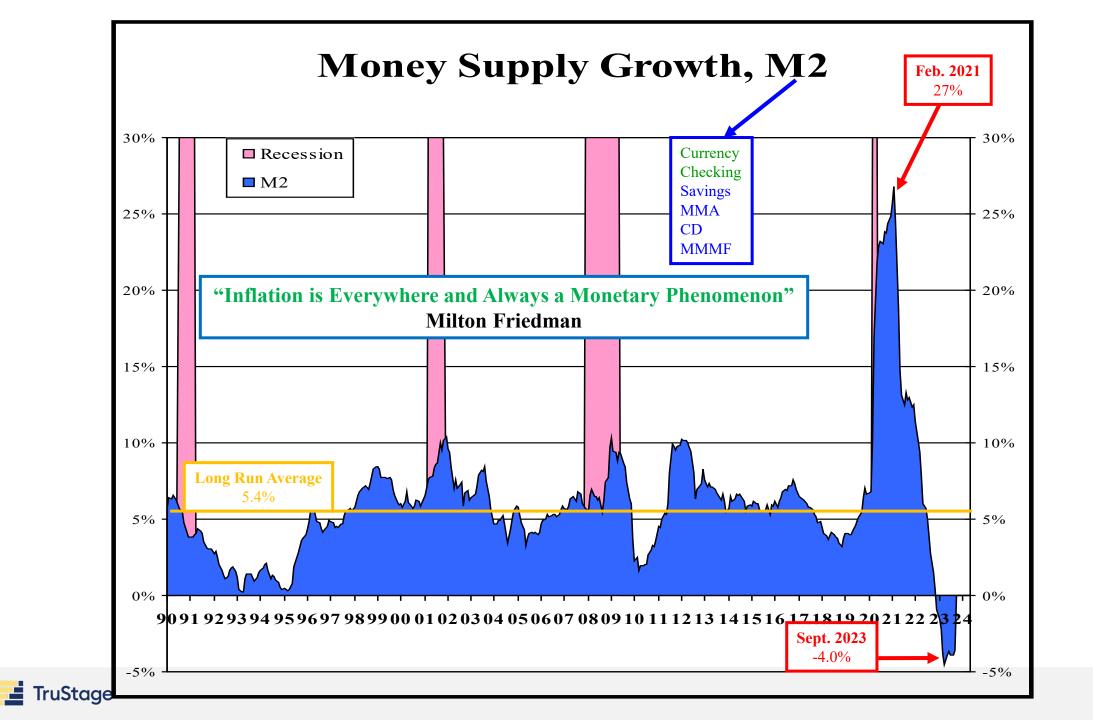


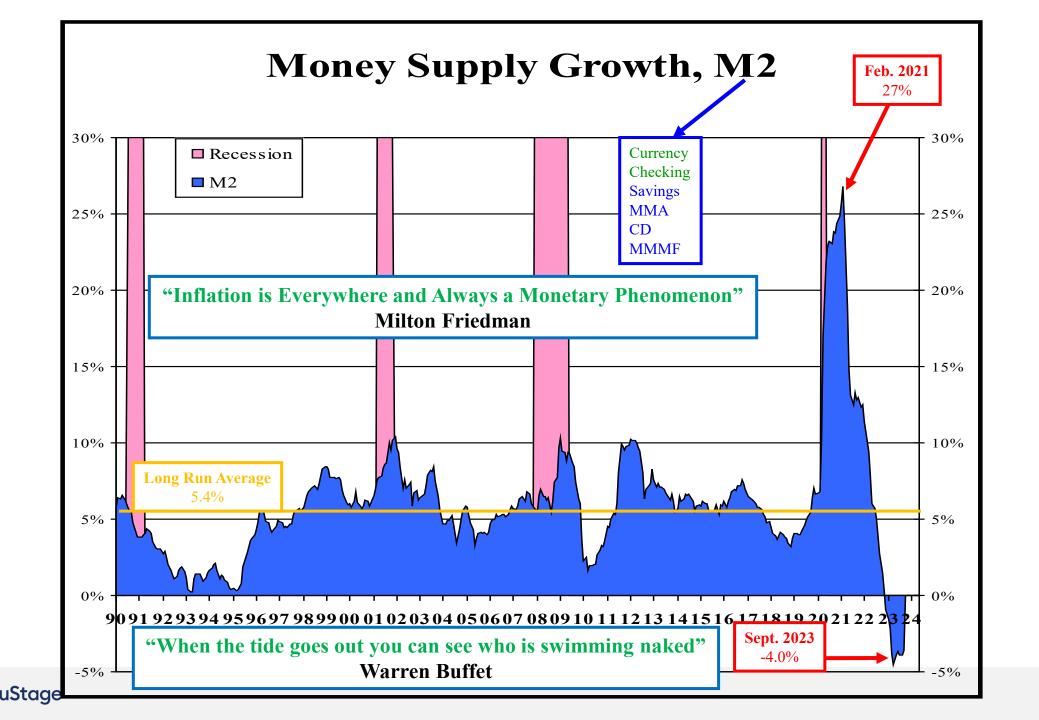


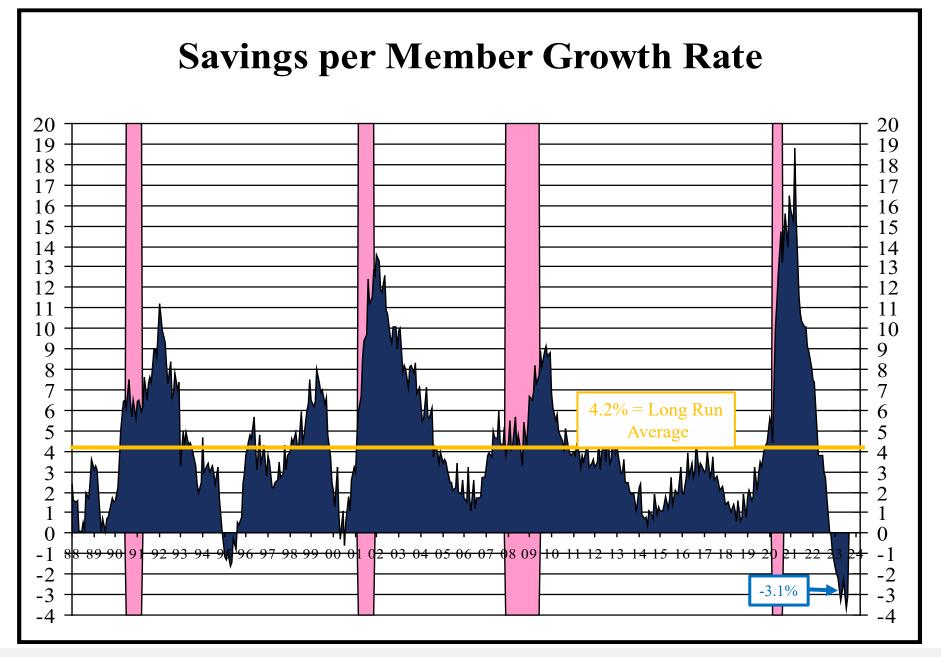




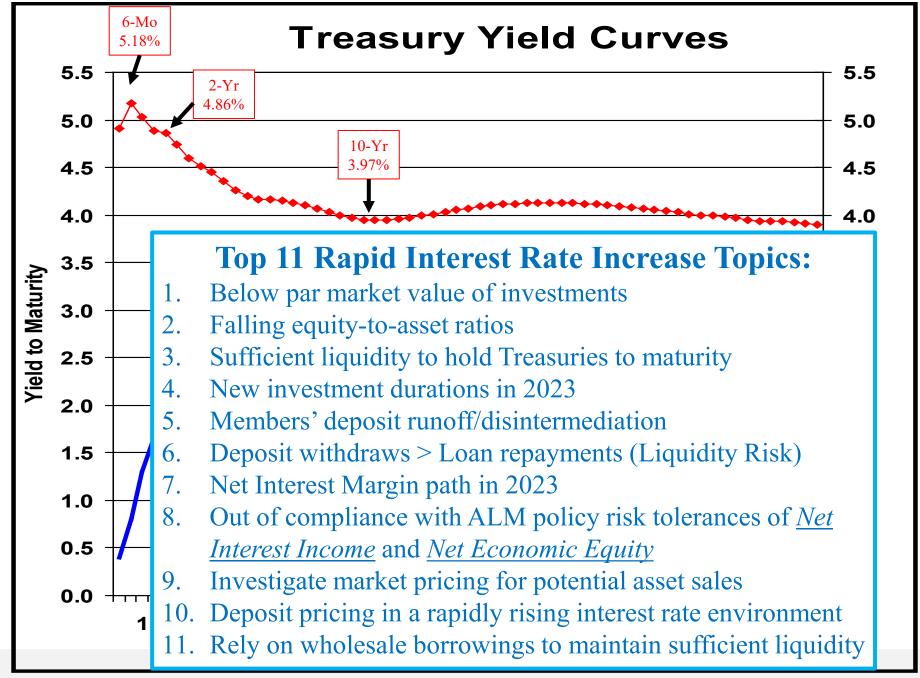
















Credit Union Balance Sheet Assets

Credit Union Balance Sheet Liabilities + Capital Assets

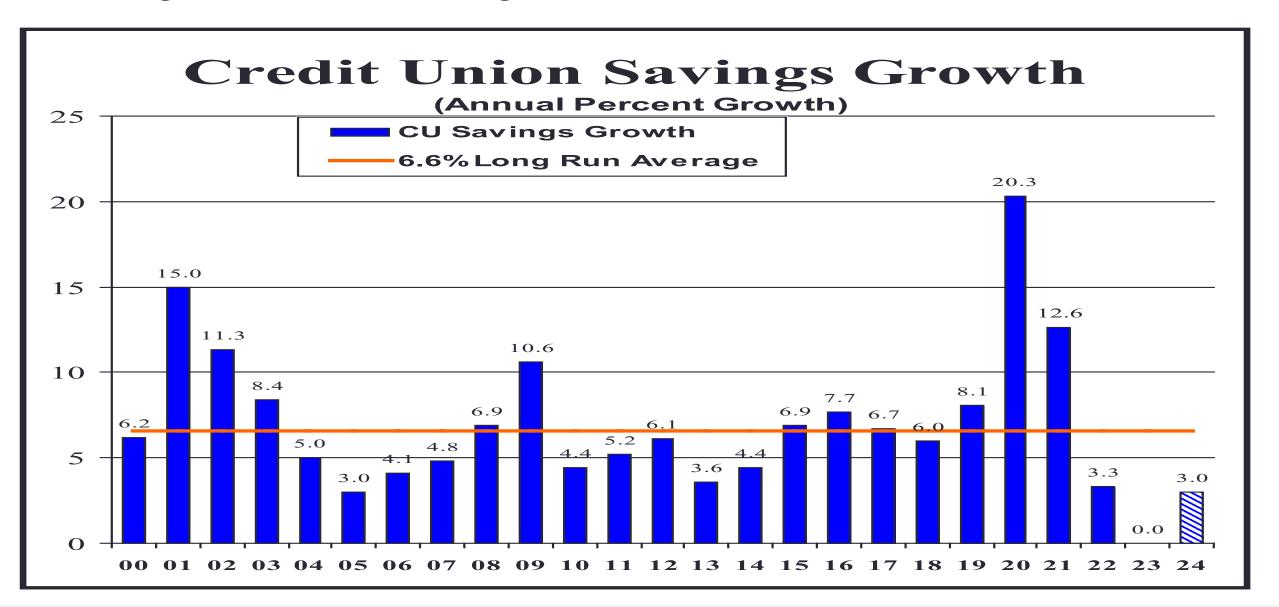
Assets

Liabilities + Capital

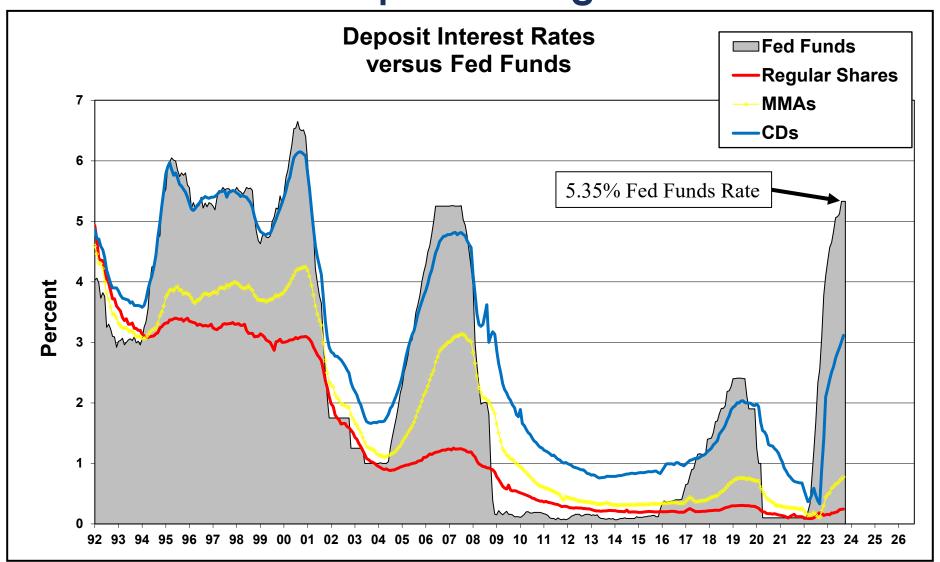
Deposits

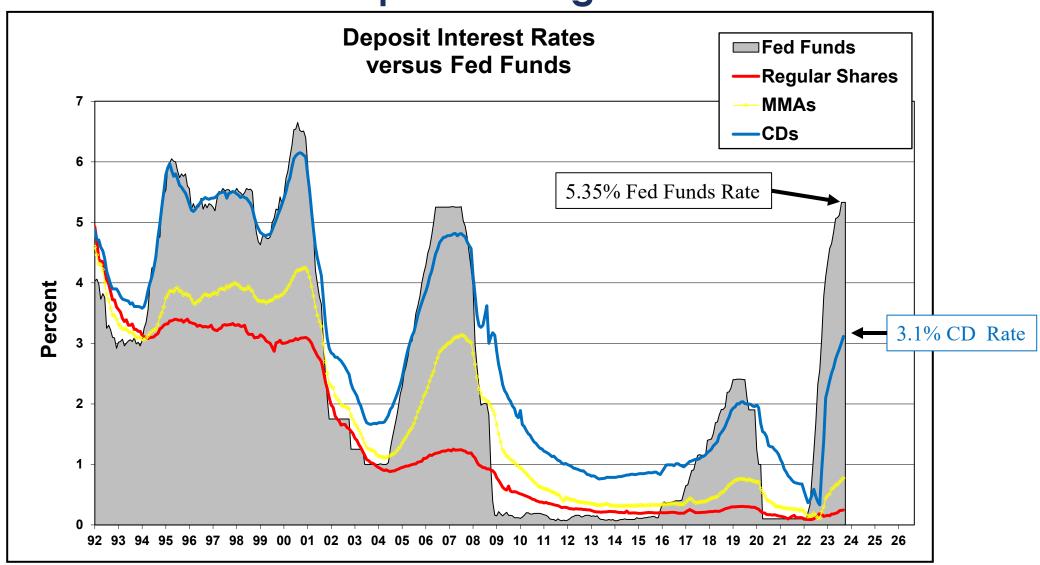
- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Slowing Credit Union Savings Growth

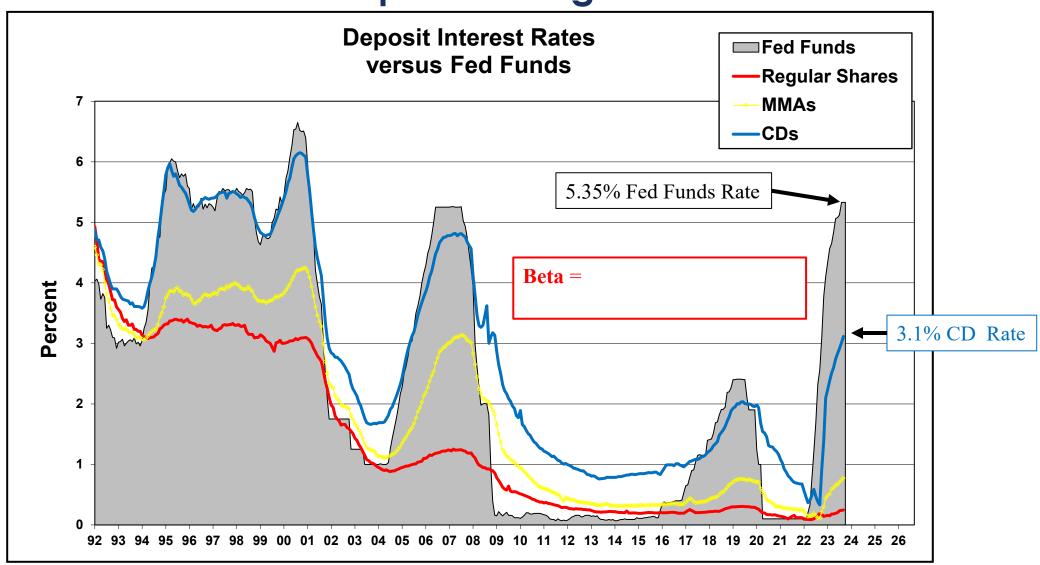




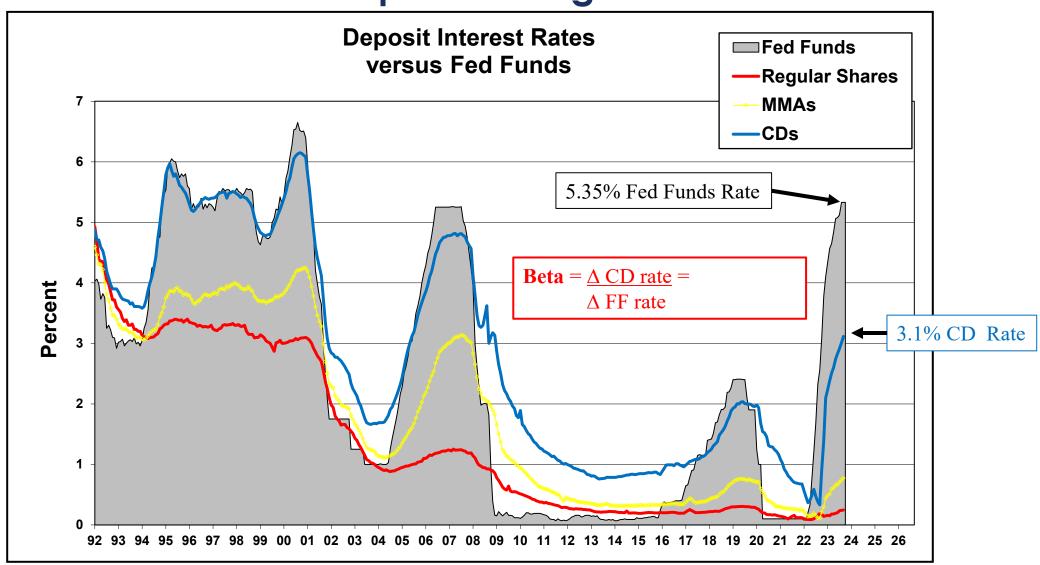




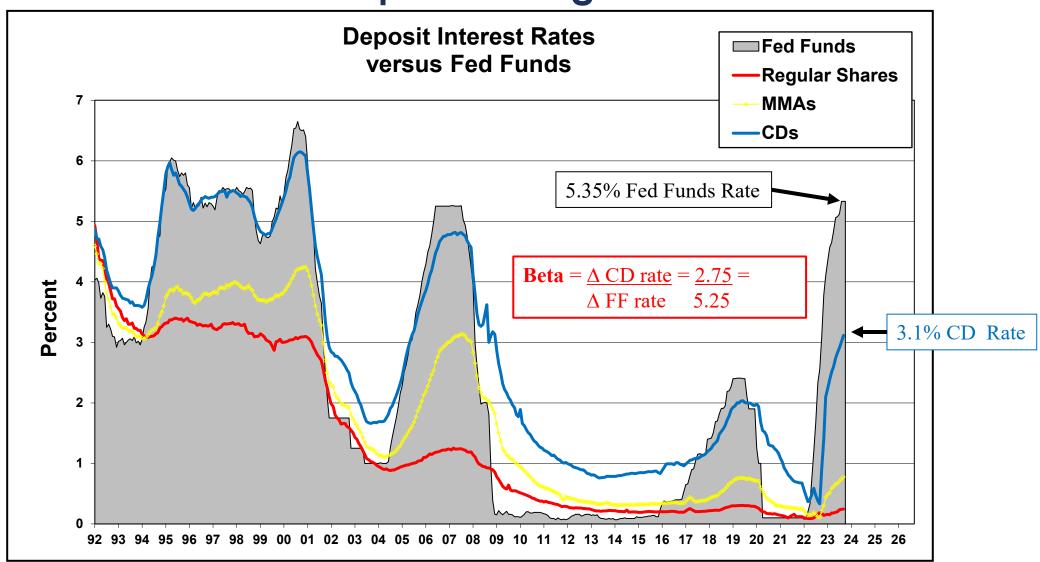




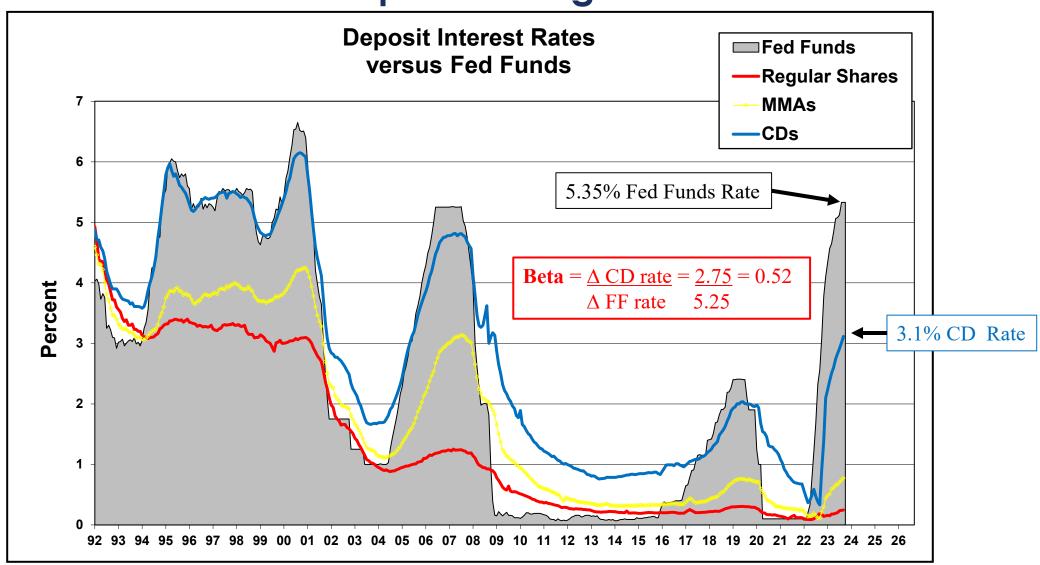














Assets

Liabilities + Capital

Deposits

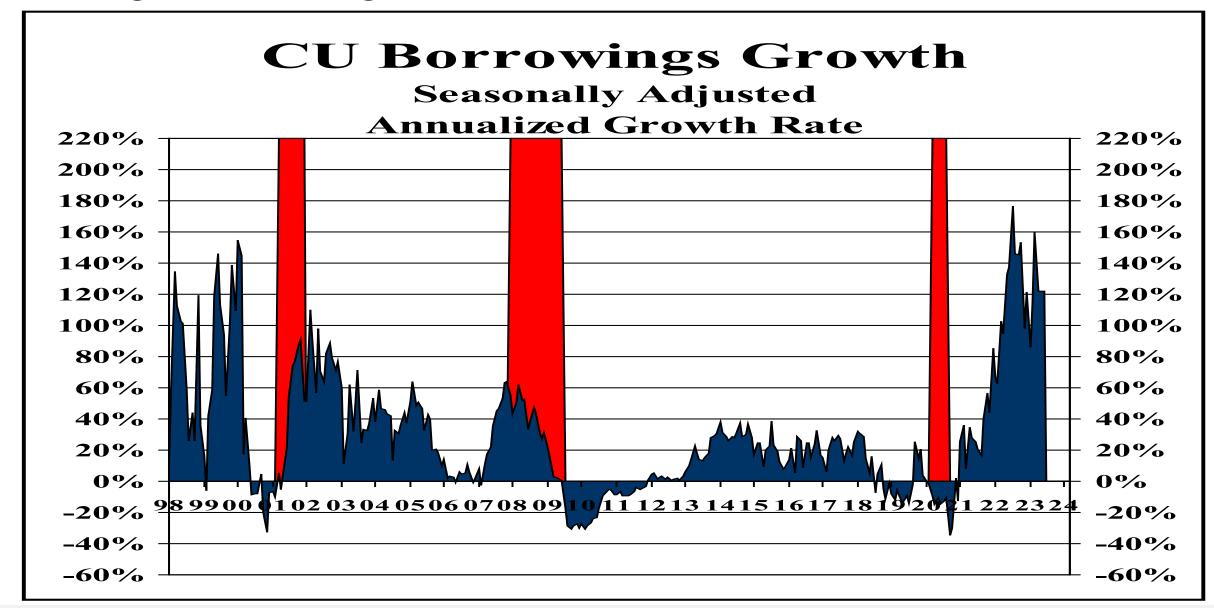
- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Borrowings

- Federal Home Loan Bank
- Corporate Line of Credit
- Fed Funds Purchased
- Bank Term Funding Program



Resurgent Borrowings





Assets

Liabilities + Capital

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Borrowings

- Federal Home Loan Bank
- Corporate Line of Credit
- Fed Funds Purchased
- Bank Term Funding Program

- 1. Undivided Earnings
- 2. Regular Reserves
- 3. Gains (losses) on Available For Sale (AFS) Securities



Assets

Liabilities + Capital

Cash (Reserves)

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

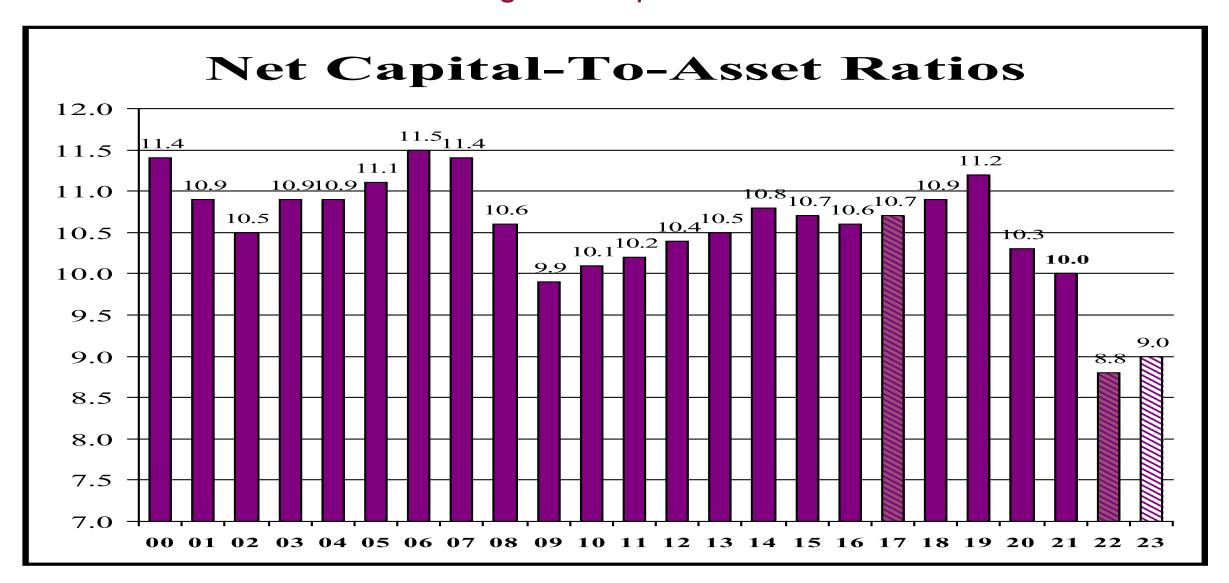
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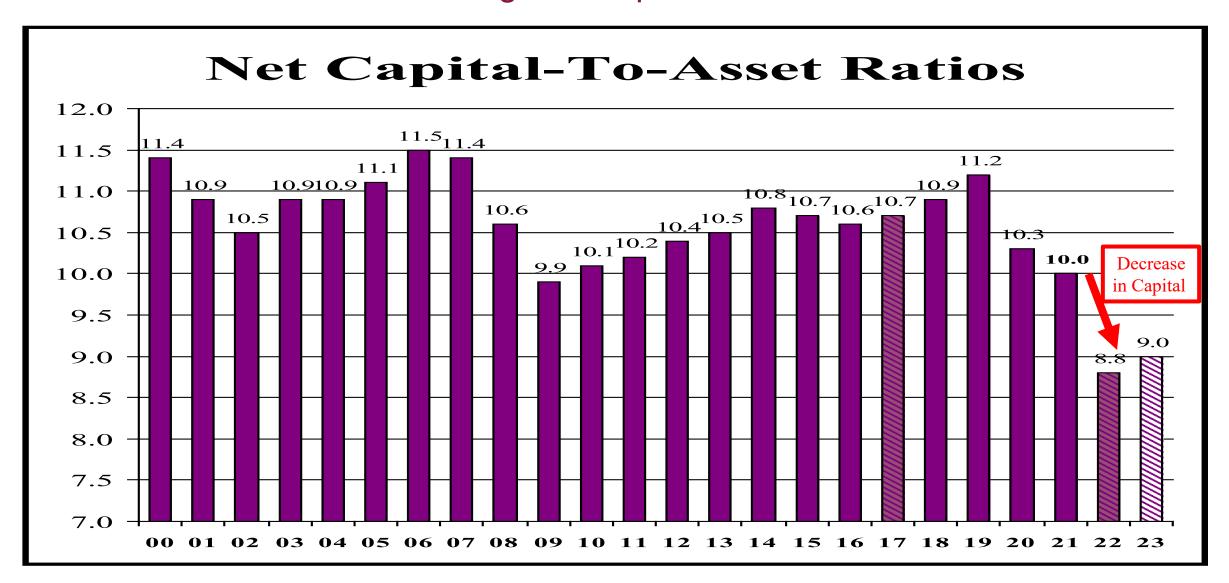


Falling Net Capital Ratios



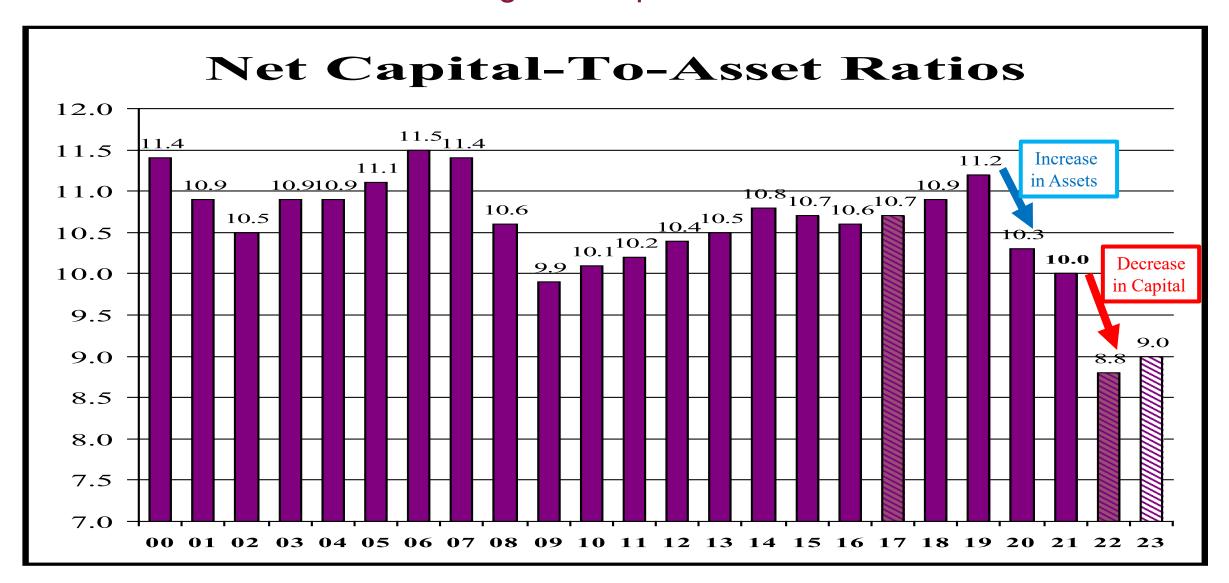


Falling Net Capital Ratios





Falling Net Capital Ratios





Assets

Liabilities + Capital

Cash (Reserves)

Fixed Assets

- Land
- Building
- Equipment

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Borrowings

- Federal Home Loan Bank
- Corporate Line of Credit
- Fed Funds Purchased
- Bank Term Funding Program

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Assets

Liabilities + Capital

Cash (Reserves)

Fixed Assets

- Land
- Building
- Equipment

Investments

- < 1 year maturity
- 1–3-year maturity
- > 3-year maturity

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

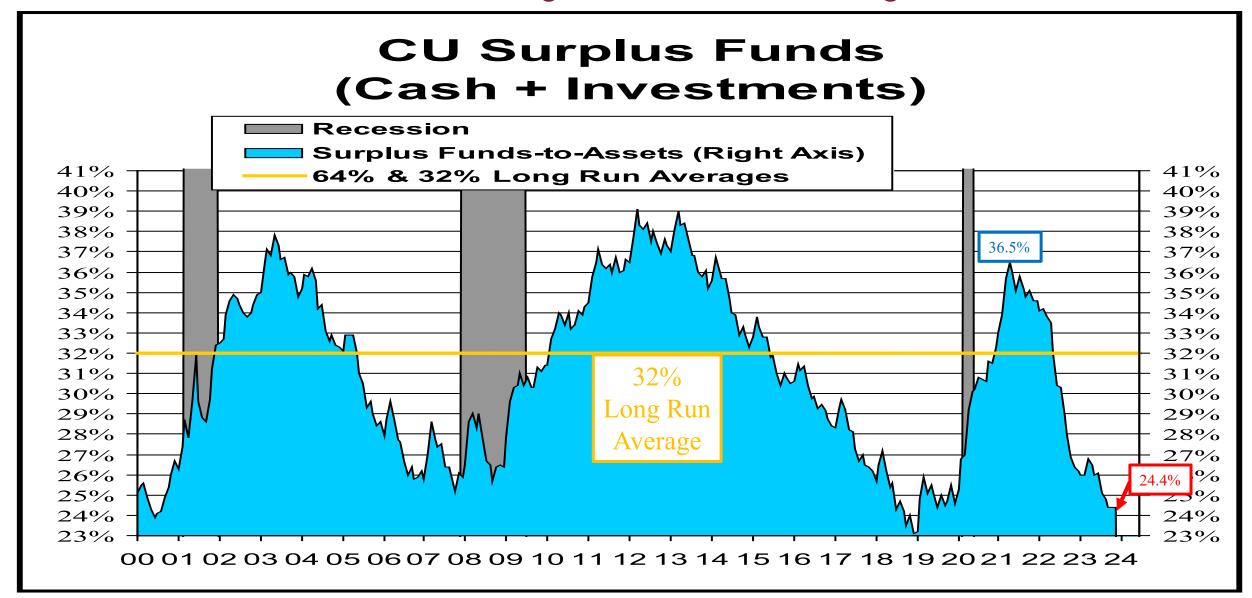
Borrowings

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- Corporate Line of Credit
- Fed Funds Purchased
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Investments Are Falling and Yields Are Rising





Assets

Liabilities + Capital

Cash (Reserves)

Fixed Assets

- Land
- Building
- Equipment

Investments

- < 1 year maturity
- 1–3-year maturity
- > 3-year maturity

Loans

- Commercial
- Auto
- Home
- Credit Card

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

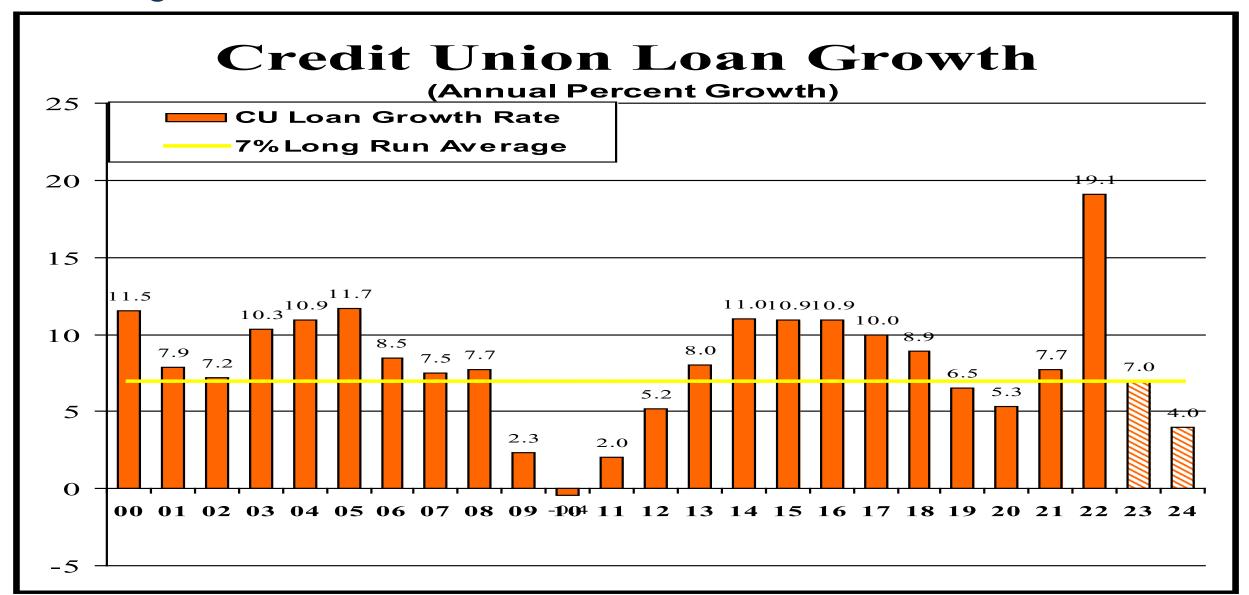
Borrowings

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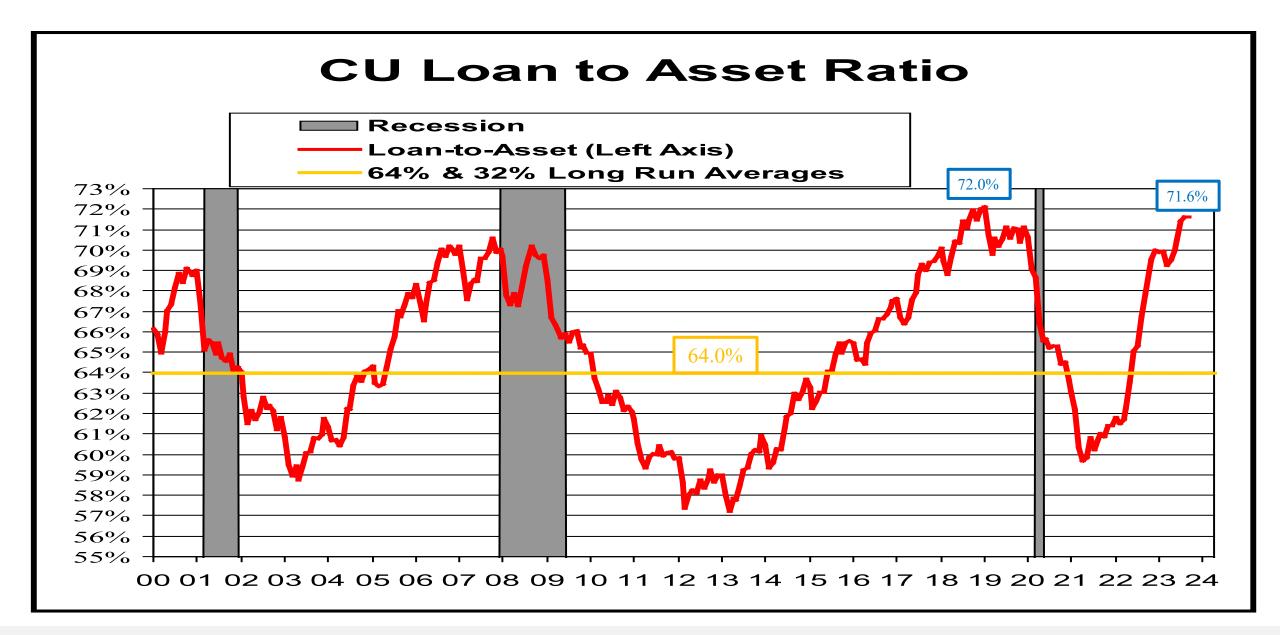
- 1. Undivided Earnings
- 2. Regular Reserves
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Slowing Credit Union Loan Growth









Assets

Liabilities + Capital

Cash (Reserves)

Fixed Assets

- Land
- Building
- Equipment

Investments

- < 1 year maturity
- 1–3-year maturity
- > 3-year maturity

Loans

- Commercial
- Auto
- Home
- Credit Card

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Borrowings

- Federal Home Loan Bank
- Corporate Line of Credit
- Fed Funds Purchased
- Bank Term Funding Program

- 1. Undivided Earnings
- 2. Regular Reserves
- 3. Gains (losses) on Available For Sale (AFS) Securities



Assets

Liabilities + Capital

Cash (Reserves)

Fixed Assets

- Land
- Building
- Equipment

Investments

- < 1 year maturity
- 1–3-year maturity
- > 3-year maturity

Loans

- Commercial
- Auto
- Home
- Credit Card

Allowance for Loan Loss

Deposits

- Checking Accounts
- Savings
- Money Market Deposits
- Certificates of Deposits

Borrowings

- Federal Home Loan Bank
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- 1. Undivided Earnings
- 2. Regular Reserves
- 3. Gains (losses) on Available For Sale (AFS) Securities



Limerick of the Day

There once was a credit union that had quite a scare



There once was a credit union that had quite a scare For their liquidity seemed quite rare



There once was a credit union that had quite a scare For their liquidity seemed quite rare But with some quick loans



There once was a credit union that had quite a scare For their liquidity seemed quite rare But with some quick loans And more cash in their bones



There once was a credit union that had quite a scare For their liquidity seemed quite rare But with some quick loans And more cash in their bones They managed to keep their head above the despair.





1. Slow economic growth for the next year



- 1. Slow economic growth for the next year
- 2. Falling inflation rate during the next 2 years



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- 3. Unemployment rate rising to natural rate in 2024



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- 4. Short-term interest rates above long-term interest rates into 2024



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- 5. Credit union loan growth slowing in 2024



- 1. Slow economic growth for the next year
- 2. Falling inflation rate during the next 2 years
- 3. Unemployment rate rising to natural rate in 2024
- 4. Short-term interest rates above long-term interest rates into 2024
- 5. Credit union loan growth slowing in 2024
- 6. Falling net interest margins in 2024

Economic forecast

November 2023

	Past r	Past results		Forecasts					
	Previous 10 Yr. Avg	2022	2023 Q1	2023 Q2	2023 Q3	2023Q4	2023	2024	
Growth rates:									
Economic Growth (% chg GDP)*	2.1%	2.1%	2.0%	2.4%	4.9%	2.0%	2.5%	1.5%	
Inflation (CPI, 12 mth % chg)	2.2%	6.5%	5.0%	3.1%	3.7%	3.7%	3.7%	3.0%	
Unemployment Rate (BLS)	6.0%	3.5%	3.5%	3.6%	3.8%	3.9%	3.9%	4.3%	
Federal Funds Rate (effective)	0.58%	4.33%	4.83%	5.08%	5.33%	5.33%	5.33%	5.10%	
10-Year Treasury Rate	2.11%	3.88%	3.48%	3.81%	4.59%	4.80%	4.80%	4.80%	
10-Year-Fed Funds Spread	1.53%	-0.45%	-1.35%	-1.27%	-0.77%	-0.53%	-0.53%	-0.3%	

^{*}Percent change, annual rate. All other numbers are end-of-period values.

Credit union forecast

November 2023

	Past Results		Qu	Annual forecasts				
	10 Yr Average	2022	2023 Q1 2	2023 Q2	2023 Q4	2023 Q4	2023	2024
Growth rates:								
Savings growth	7.7%	3.3%	2.3%	-0.5%	-1.0%	-0.8%	0.0%	3.0%
Loan growth	9.20%	19.10%	1.7%	2.2%	2.3%	1.8%	8.0%	4.0%
Asset growth	7.70%	5.10%	2.0%	0.3%	1.0%	0.7%	4.0%	4.0%
Membership growth	3.55%	4.30%	1.2%	1.0%	0.4%	0.4%	3.0%	2.5%
Liquidity:								
Loan-to-share ratio**	79.5%	81.5%	80.9%	83.1%	86.0%	88.3%	88.3%	88.1%
Asset quality:								
Delinquency rate**	0.66%	0.61%	0.52%	0.63%	0.70%	0.75%	0.75%	0.90%
Net charge-off rate*	0.48%	0.34%	0.52%	0.54%	0.55%	0.55%	0.55%	0.65%
Earnings:								
Return on average assets (ROA)*	0.88%	0.88%	0.81%	0.77%	0.70%	0.65%	0.70%	0.50%
Capital adequacy:								
Net worth ratio**	10.9%	10.7%	11.1%	11.2%	11.0%	11.1%	11.1%	11.3%

^{*}Quarterly data, annualized. **End of period ratio.

Questions?