

Last 3 Fed easing cycles vs the change in Cost of Funds ■Fed Moves ■COF Moves 2007 - 2014 Fed Cuts vs. COF 2000 - 2004 Fed Cuts vs. COF ■ Fed Moves ■ COF Moves 2019 - 2022 Fed Cuts vs. COF • 2007-2014 saw the Fed cut rates a 2019-2022 saw the Fed cut rates a 2000-2004 saw the Fed cut rates a total of 500bps over 6 quarters total of 225bps over 3 quarters total of 550bps over 10 quarters CU's COF saw a total of 60bps CU's COF saw a total of 212bps CU's COF saw a total of 233bps decrease over 29 quarters with a decrease over 9 quarters with a decrease over 12 quarters with a two-quarter lag from the first fed two-quarter lag from the first fed two-quarter lag from the first fed move · Beta: 42.41% • Beta: 26.60% Beta: 42.31% · Lag: 2 Quarters · Lag: 2 Quarters • Lag: 2 Quarters Two things remained consistent with every cycle: Typically, there is a 2-quarter lag between the first fed cut and the first COF decrease, the cutting cycle for COF is more drawn out 17

Wholesale funds as a % of Total Assets
Wholesale funds = Non-Member Deposits + Borrowings

12.00%

10.00%

8.00%

4.54%

2.00%

4.54%

2.00%

Whole Sale Funds Distribution

As of Sale Funds Distribution

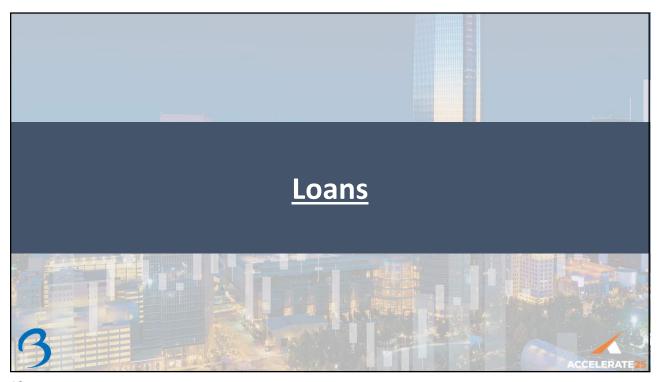
Whole Sale Funds Distribution

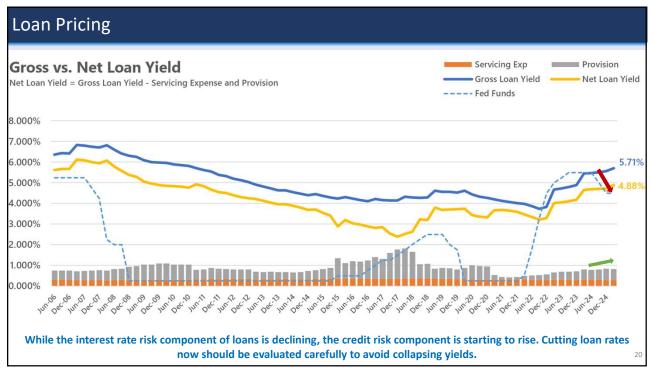
Whole Sale Funds Distribution

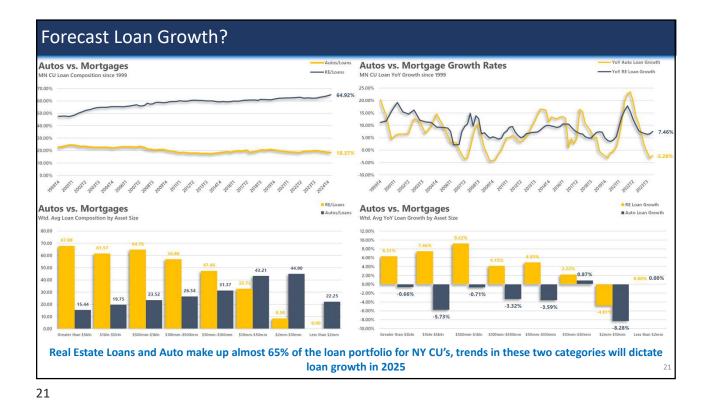
As of Sale Funds Distribution

As of Sale Funds Distribution

On the wholesale funding side, NY CU's are more leveraged than the national average CU, this has come with some longer terms than the lows in borrowings and non-member funds of 2022

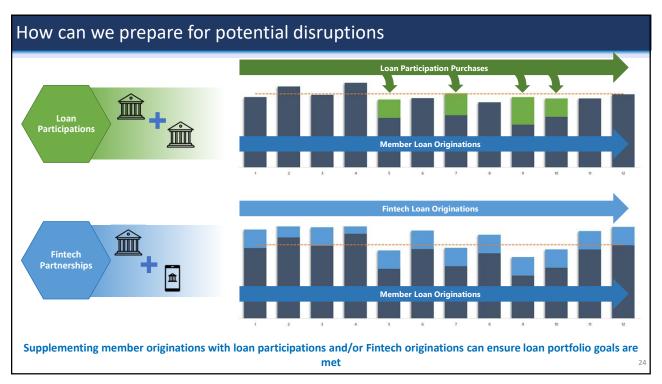


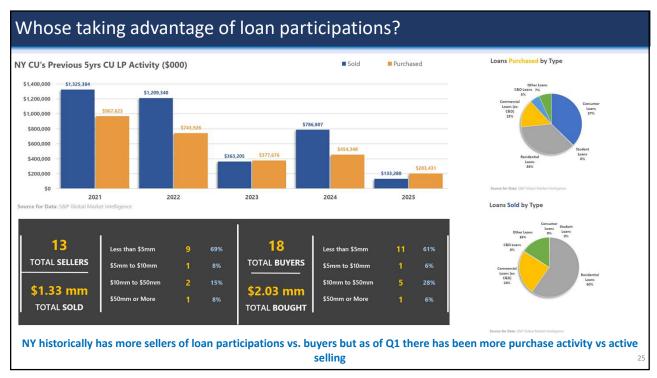




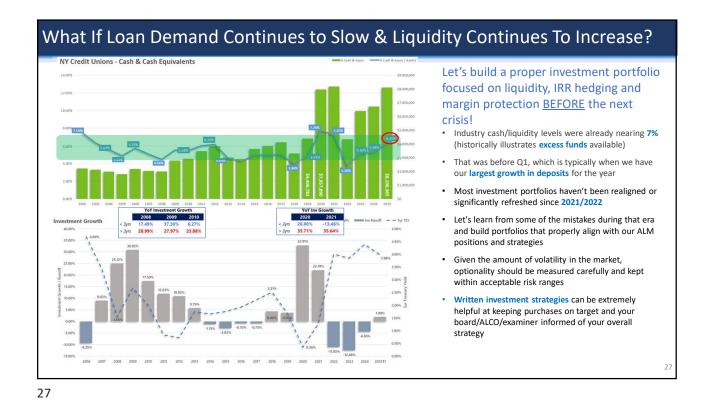
Growth in Autos? Originations by Lender Type - YTD Lender Type A # Originations YTD # Originations YoY - YTD **According to Telemetry:** Bank 5.4M 1.6% Captive 7.0M 6.0% • Tariffs could lead to a significant decline in auto sales: Credit Union 4.5M -11.8% · Short-Term Impact: Reduced Sales: Telemetry forecasts a potential reduction of 2mm Dealer Finance 554.1K 19.2% units in 2025 due to tariffs 1.3M -1.2% Stagnant Growth: A prolonged global trade war could lead to stagnant Other 486.9K -11.5% growth in the auto industry over the next decade Long Term Impact: If tariffs remain in place until 2035, sales of light-duty vehicles could be 7mm units lower than a scenario with no trade conflicts and strong 16.1 economic growth 16.0 · Underlying Factors: 15.0 -Increased Prices: The imposition of tariffs is projected to lead to significant retail price increases 14.0 - Affordability Issues: Vehicle affordability is already a major issue for consumers and tariffs could just add to that problem 13.0 -12.5 Job Losses: lower sales could lead to job losses in the auto industry and among auto parts suppliers cle with an GVWR of 8,500 pou and light duty pickup's. Auto sales are expected to see an increase as "on-the-fence" consumers try to get ahead of price increases, but eventually a sales are expected to drop



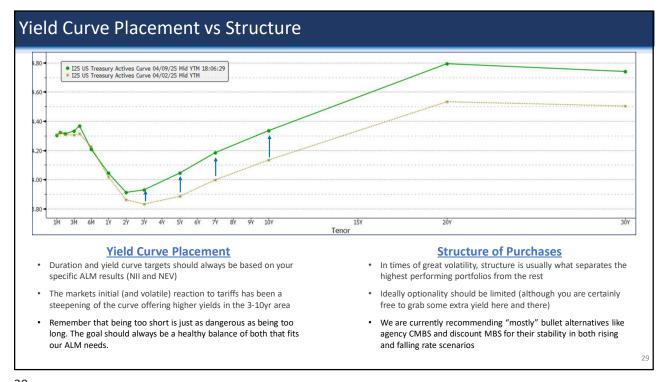


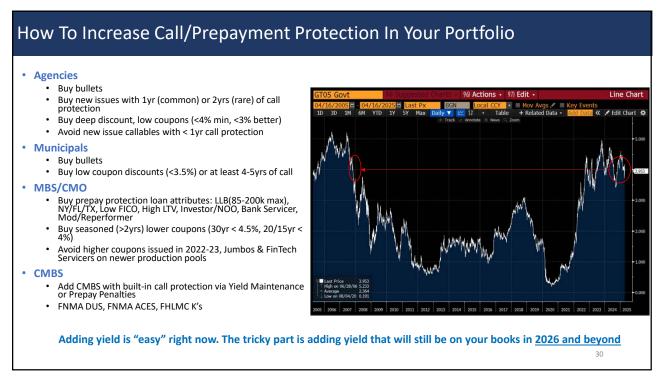


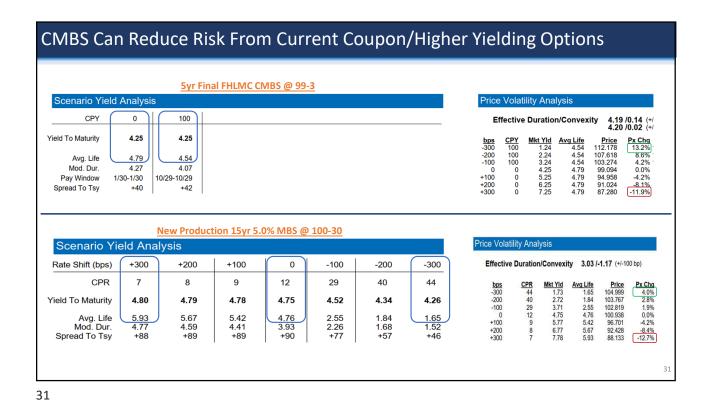




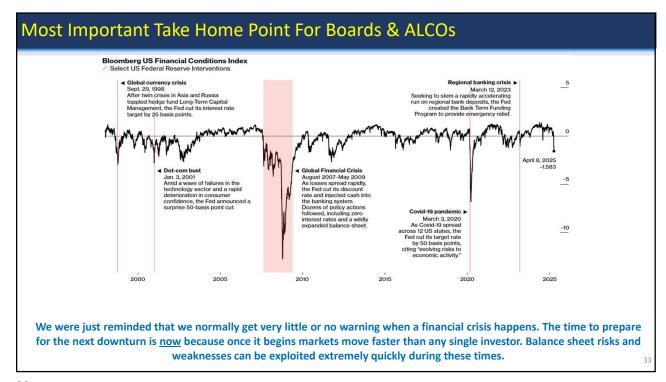
Prefunding Investment Cashflows to Quicken Repricing Yield Roll-Off and Reinvestment Risk Reinvestment Opportunities Summary Projected 12Mo Cash Flow: 73,334,351 Inc. / (Dec.) 1,234,598 Yield 3.25 Ann. Income 2.383,366 12mo Yield Roll-Off: 1 57 1,148,769 *Annualized Interest Income: 3.50 2 566 702 1,417,934 5.00 3 666 718 2,517,949 6.50 4.766.733 3.617.964 3.75 2,750,038 1.601.269 5.25 3,850,053 2,701,285 6.75 4,950,069 3,801,300 4 00 2.933.374 1,784,605 5.50 4.033.389 2 884 621 7.00 5.133.405 3.984.636 3,116,710 5,316,740 4,167,972 4,351,308 4,216,725 3,300,046 2.151,277 4,400,061 3,251,292 5,500,076 Eff. Eff. Dur Cnvx (Loss) Acctg Proj 251 100.0 472,017,185 3.76 0.05 2.259 462,641,027 422,247,767 (49,769,418) 1.70 5.06 3.43 2.96 9.64 (9.63)TOTAL 100.0 2.259 462.641.027 472.017.185 422.247.767 (49,769,418) 1.70 1.68 5.06 3.43 2.96 3.76 3.31 0.05 9 64 (9.63) Projected Principal Cashflow & Roll-Off Yield: Rates Unchanged 4/30/2024 5/31/2024 6/30/2024 7/31/2024 8/31/2024 9/30/2024 10/31/2024 11/30/2024 12/31/2024 1/31/2025 2/28/2025 3/31/2025 5,195,806 1.44 4,912,506 1.44 4,896,095 1.43 5,501,224 1.21 4,711,894 1.44 7,600,122 2.25 4,611,038 15,235,815 73,334,351 5,058,736 1,39 4,996,548 1.50 5,630,111 Total Borrowing against your portfolio maturities ensures you have the money to pay back the borrowing without taking a loss on sale of investments

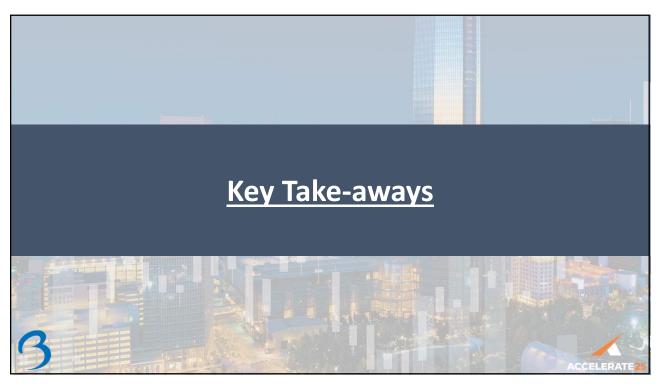






Discount MBS Can Reduce Risk From Current Coupon/Higher Yielding Options								
Seasoned 15yr 3.0% MBS @ 95-30 Scenario Yield Analysis								Price Volatility Analysis
Rate Shift (bps)	+300	+200	+100	0	-100	-200	-300	Effective Duration/Convexity 3.30 /-0.01 (+/-100 bp)
CPR Yield To Maturity	6 4.09	8 4.15	10 4.21	11 4.25	12 4.28	13 4.32	15 4.39	bps CPR Mkt Yld Avq Life Price 97% -300 15 1.24 3.19 105.252 9.7% -200 13 2.24 3.38 102.243 6.6% -100 12 3.25 3.47 99.077 3.3%
Avg. Life Mod. Dur. Spread To Tsy	4.14 3.67 +29	3.9 3.46 +37	3.68 3.27 +45	3.58 3.18 +49	3.47 3.09 +53	3.38 3 +57	3.19 2.84 +65	0 11 4.25 3.58 95.922 0.0% +100 10 5.25 3.68 92.754 3.3% +200 8 6.26 3.90 89.312 -6.9% +300 6 7.26 4.14 85.696 -10.7%
New Production 15yr 5.0% MBS @ 100-30 Scenario Yield Analysis Price Volatility Analysis								
Rate Shift (bps)	+300	+200	+100	0	-100	-200	-300	Effective Duration/Convexity 3.03 /-1.17 (+/-100 bp)
CPR	7	8	9	12	29	40	44	<u>bps</u> <u>CPR</u> <u>Mkt Yld</u> <u>Avg Life</u> <u>Price</u> <u>Px Chg</u> -300 44 1.73 1.65 104.999 4.0%
Yield To Maturity	4.80	4.79	4.78	4.75	4.52	4.34	4.26	-200 40 2.72 1.84 103.767 2.8% -100 29 3.71 2.55 102.819 1.9%
Avg. Life Mod. Dur. Spread To Tsy	5.93 4.77 +88	5.67 4.59 +89	5.42 4.41 +89	4.76 3.93 +90	2.55 2.26 +77	1.84 1.68 +57	1.65 1.52 +46	0 12 4.75 4.76 100.938 0.0% +100 9 5.77 5.42 96.701 4.2% +200 8 6.77 5.67 92.428 8.4% +300 7 7.78 5.93 88.133 -12.7%
								32





Key Take-aways

- > It's time to get back to focusing on our core business lines and ALM results
 - It is the credit union's job to make sure their balance sheet and risk/reward balance remains in line with the current rate environment
 - Reviewing your ALM results for an hour once a quarter isn't enough ALCO and management must include IRR in all strategic decisions

Make Sure your Balance Sheet is "Recession/Crisis Ready"

- During your next ALCO, ask the question Are we recession ready and how can we be better prepared?
- · Make sure you are adding the "right" assets for your balance sheet and ALM. Don't just take what is coming to you "easily"
- Assess your Interest Rate Risk along with your Liquidity Risk and make the necessary adjustments

> We operate on MARGIN...making decisions based solely on asset yields can be a mistake

- Are we funding new assets with deposits or significantly more expensive wholesale funds?
- · What are our forecasts for loan charge-offs in the future? Are we including those forecasts in our current loan offering rates?
- Have we added enough (or any) "margin insurance" in the past 12 to 18 months

> Lending in 2025 will face some headwinds

- · CU's should have proactive conversations on their loan pricing to factor in not just potential rate cuts, but also a possible increase in credit risk
- · Tariffs will potentially add volatility to consumer demand for certain goods like autos that can potentially further slow loan growth
- Wholesale loans can supplement member loan originations and not only increase loan income but can help manage risk in the balance sheet
- Writing below market loans is just as dangerous as buying below market investments

> Start having pro-active conversations on adding margin protection

- The market moves fast, by the time things change it will be too late to strategize
- · Creating an investment strategy is one way to get ahead of any potential market volatility
- When was the last time we did a deep dive on our current investment portfolio to ensure it aligns with our overall balance sheet?

35

