March 2025

Investment Seminar

Financial Friday Session





Housekeeping Courtesies

Everyone is muted. Please keep yourself muted throughout the presentation.

Questions? There will be a Q&A at the end of each session or you can submit questions in the chat.

Surveys will be at the end of each session. We appreciate your feedback.

Thank you for joining us today!





Introduction to Interest Rate Risk and Liquidity

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How Banks Work

ASSETS	LIABILITIES
Loans	Deposits
Investments	Borrowings

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The Federal Reserve and Interest Rates

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How Changing Interest Rates Affect Banks

- Changes in cash flows
- Changes in duration
- Changes in market values

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates			
Expense: Deposits	\$3,000	INCREASE			
Net Interest Income	\$7,000				

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000		
Expense: Deposits	\$3,000	INCREASE	\$3,000		
Net Interest Income	\$7,000		\$8,000		

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	
Net Interest Income	\$7,000		\$8,000	\$8,000	

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	\$13,000
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	\$4,000
Net Interest Income	\$7,000		\$8,000	\$8,000	\$9,000

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	\$13,000
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	\$4,000
Net Interest Income	\$7,000		\$8,000	\$8,000	\$9,000

	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates			
Expense: Deposits	\$3,000	DECREASE			
Net Interest Income	\$7,000				

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	\$13,000
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	\$4,000
Net Interest Income	\$7,000		\$8,000	\$8,000	\$9,000

	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$9,000		
Expense: Deposits	\$3,000	DECREASE	\$2,000		
Net Interest Income	\$7,000		\$7,000		

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	\$13,000
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	\$4,000
Net Interest Income	\$7,000		\$8,000	\$8,000	\$9,000

	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$9,000	\$8,000	
Expense: Deposits	\$3,000	DECREASE	\$2,000	\$2,000	
Net Interest Income	\$7,000		\$7,000	\$6,000	

Numbers are for illustrative purposes only.

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	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$11,000	\$12,000	\$13,000
Expense: Deposits	\$3,000	INCREASE	\$3,000	\$4,000	\$4,000
Net Interest Income	\$7,000		\$8,000	\$8,000	\$9,000

	BASE		Month 1	Month 2	Month 3
Income: Loans	\$10,000	Rates	\$9,000	\$8,000	\$7,000
Expense: Deposits	\$3,000	DECREASE	\$2,000	\$2,000	\$2,000
Net Interest Income	\$7,000		\$7,000	\$6,000	\$5,000

Numbers are for illustrative purposes only.

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Bank A	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Variable-rate Loans	7%		
Long-term CDs	3%		
Net Interest Margin	4%		

Bank B	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Fixed-rate Loans	7%		
MMDAs	3%		
Net Interest Margin	4%		

Numbers are for illustrative purposes only.

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Bank A	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Variable-rate Loans	7%	9%	
Long-term CDs	3%	3%	
Net Interest Margin	4%	6%	

Bank B	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Fixed-rate Loans	7%	7%	
MMDAs	3%	5%	
Net Interest Margin	4%	2%	

Numbers are for illustrative purposes only.

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Bank A	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Variable-rate Loans	7%	9%	5%
Long-term CDs	3%	3%	3%
Net Interest Margin	4%	6%	2%

Bank B	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Fixed-rate Loans	7%	7%	7%
MMDAs	3%	5%	1%
Net Interest Margin	4%	2%	6%

Numbers are for illustrative purposes only.

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Bank A	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Variable-rate Loans	7%	9%	5%
Long-term CDs	3%	3%	3%
Net Interest Margin	4%	6%	2%

Bank A is "asset sensitive."

Bank B	Base Yield/Cost	Rates INCREASE by 200 bps	Rates DECREASE by 200 bps
Fixed-rate Loans	7%	7%	7%
MMDAs	3%	5%	1%
Net Interest Margin	4%	2%	6%

Bank B is "liability sensitive."

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage			
Rates go DOWN	Rates go DOWN Base Case Rates go UP		
7 years			

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage				
Rates go DOWN	Rates go DOWN Base Case Rates go UP			
4 years 7 years				

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage			
Rates go DOWN Base Case Rates go UP			
4 years 7 years 12 years			

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage		
Rates go DOWN	Base Case	Rates go UP
4 years	7 years	12 years

Duration of 5-year CD		
Rates go DOWN	Base Case	Rates go UP
	4 years	

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage		
Rates go DOWN	Base Case	Rates go UP
4 years	7 years	12 years

Duration of 5-year CD		
Rates go DOWN	Base Case	Rates go UP
5 years	4 years	

Numbers are for illustrative purposes only.

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Duration of 30-year, fixed-rate, conventional mortgage		
Rates go DOWN	Base Case	Rates go UP
4 years	7 years	12 years

Duration of 5-year CD		
Rates go DOWN	Base Case	Rates go UP
5 years	4 years	3 years

Numbers are for illustrative purposes only.

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Changes in Market Values

Market Value of a Bond with a Fixed 5% Interest Rate		
Rates go DOWN	Base Case	Rates go UP
	\$1,000,000	

Numbers are for illustrative purposes only.

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Changes in Market Values

Market Value of a Bond with a Fixed 5% Interest Rate		
Rates go DOWN	Base Case	Rates go UP
\$1,150,000	\$1,000,000	

Numbers are for illustrative purposes only.

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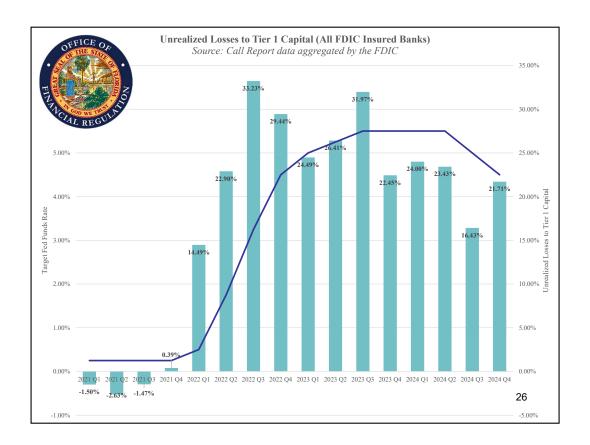
Changes in Market Values

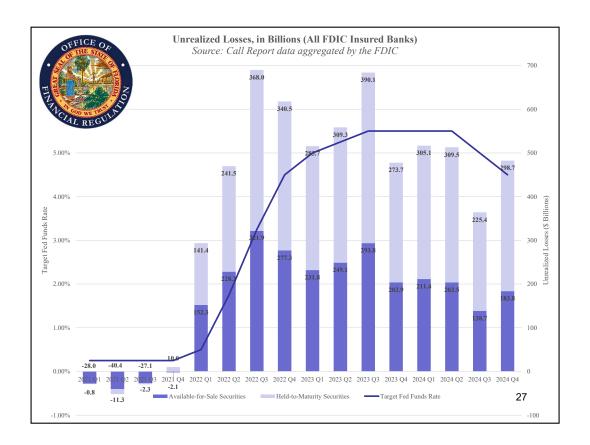
Market Value of a Bond with a Fixed 5% Interest Rate		
Rates go DOWN	Base Case	Rates go UP
\$1,150,000	\$1,000,000	\$875,000

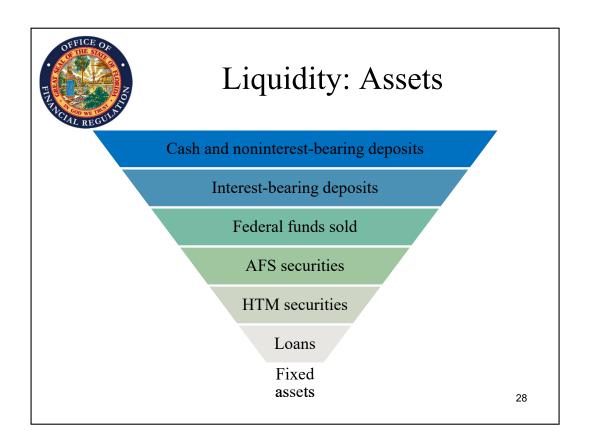
Numbers are for illustrative purposes only.

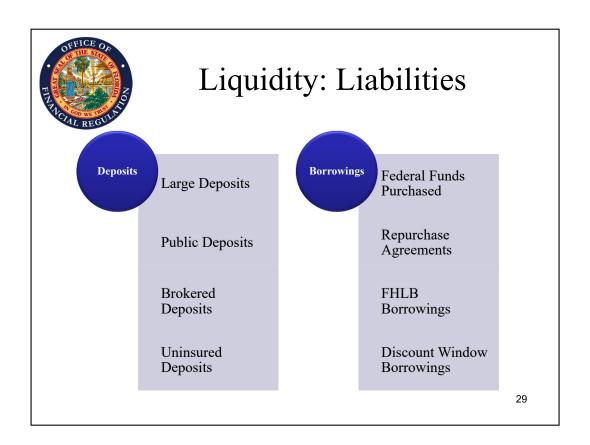
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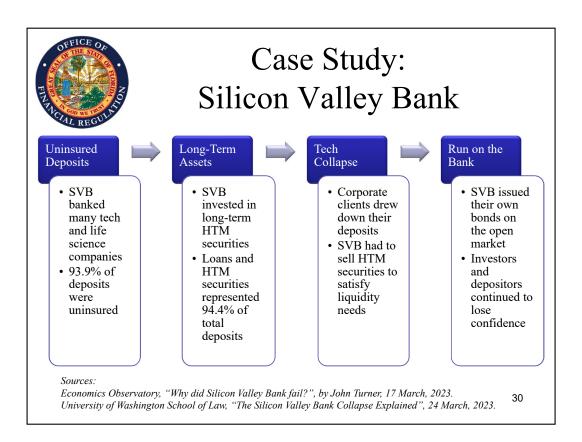
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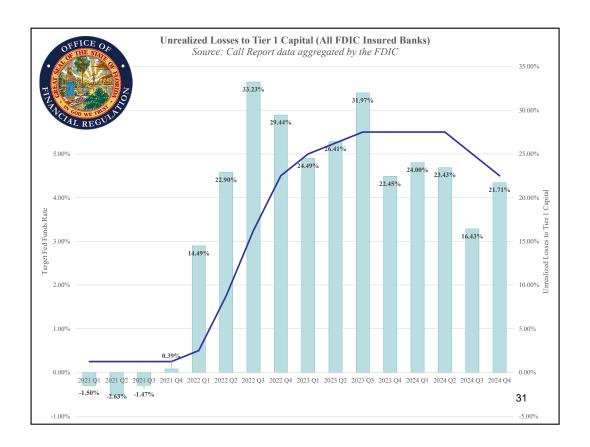


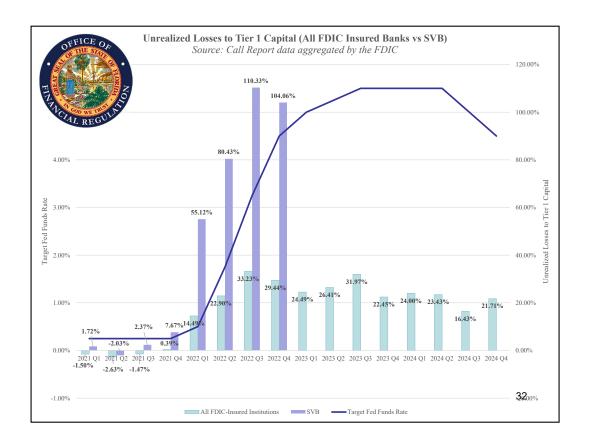














Questions?

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Thank You

For Your Attention





Contact Us







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