Economic and Mortgage Market Outlook Prepared for MBA's Chairmans Conference

June 2025

Presented by:

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Macro Outlook

- 1. Tariffs and trade
- 2. Deficits, debt, and the Treasury market
- 3. Job market
- 4. Consumer financials
- 5. Rates and spreads

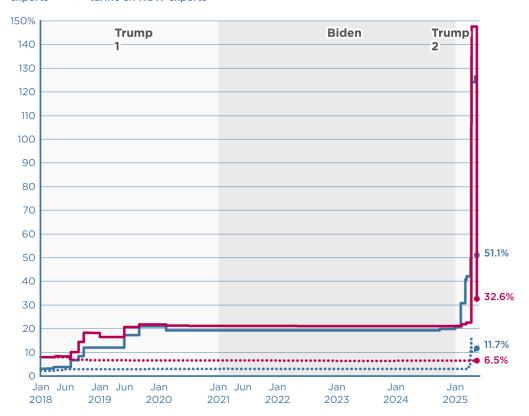
Tariff Shock...and Then Relief...For a Time?

US-China trade war tariffs: An up-to-date chart

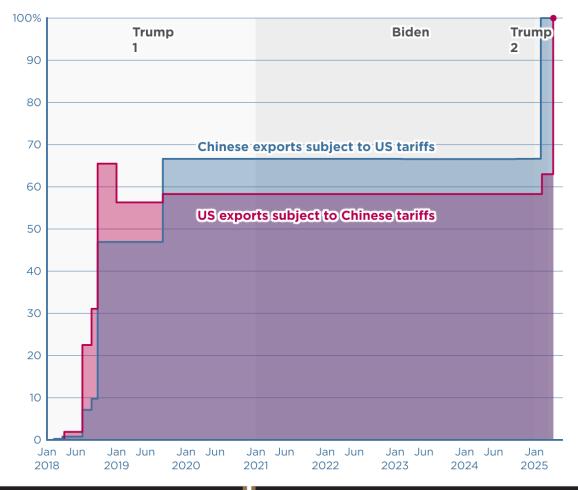
Last updated May 14, 2025

a. US-China tariff rates toward each other and rest of world (ROW)

— Chinese tariffs on US exports — US tariffs on Chinese exports ••• Chinese tariffs on ROW exports ••• US tariffs on ROW exports



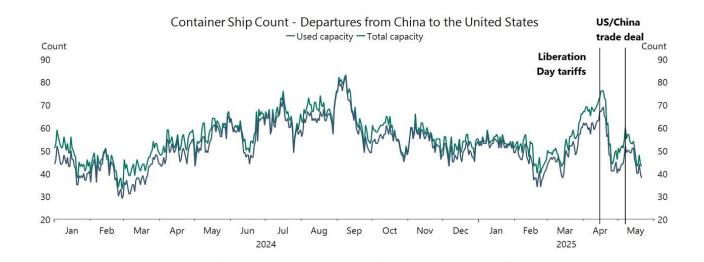
b. Percent of US-China trade subject to trade war tariffs





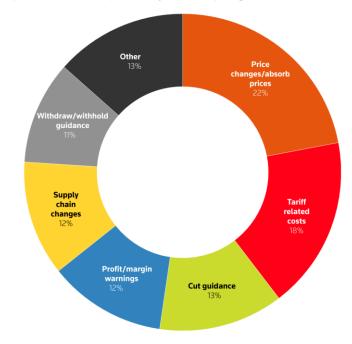
Volume of Trade is Dropping, Companies are Adjusting

Container departures from China to the US



How global companies are navigating US tariff uncertainty

Most companies have disclosed plans to adjust product pricing as costs rise



By Akash Sriram • Source: Reuters analysis of quarterly results of over 300 companies across regions

Graphics are provided by Reuters.

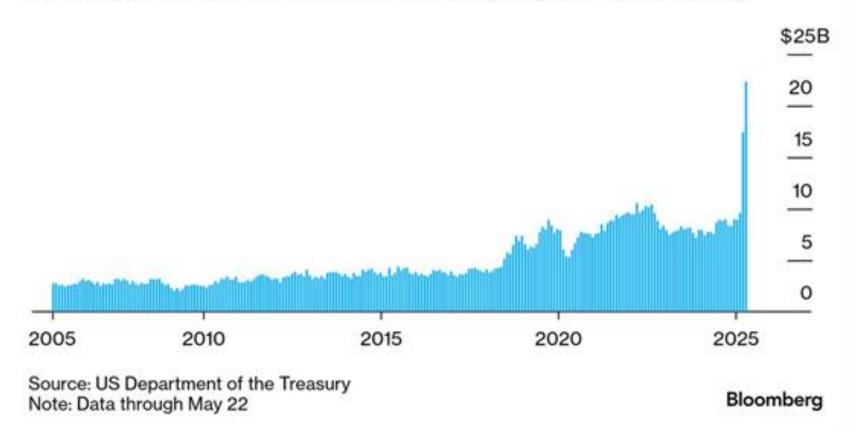
APOLLO



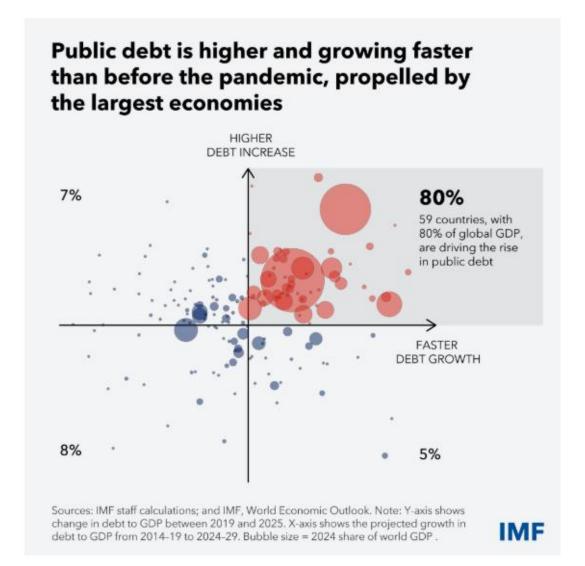
Tariff Revenues Are Up: 4x?

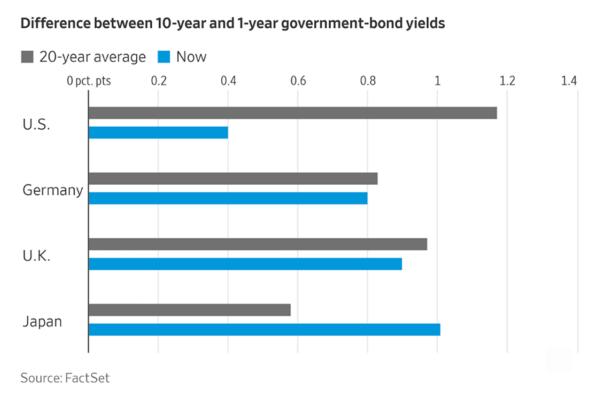
US Customs Duties Hit All-Time High in May

Customs and certain excise taxes collected surged in April and May



Rising Debt Levels Push Up Term Premiums Globally

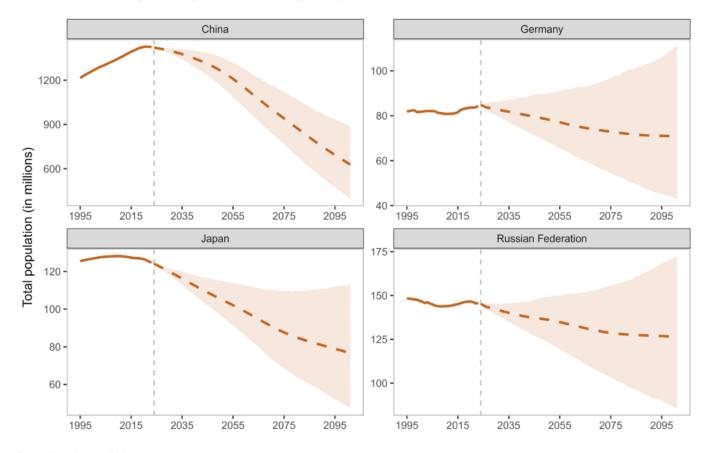






Demographic Pressures Will Have Economic Implications

Total population for selected countries and areas with populations that have already peaked, estimates, 1995–2023, and projections (medium scenario) with prediction intervals, 2024–2100

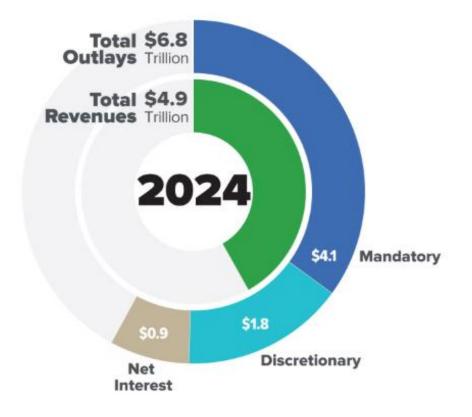


Source: United Nations (2024a).

Notes: Prediction intervals are represented as shaded areas around a projected trend. For a given year, the future trend is expected to lie within the predicted range with an estimated probability of 95 per cent. The scale of the y axis differs between locations.



The US Federal Budget Picture



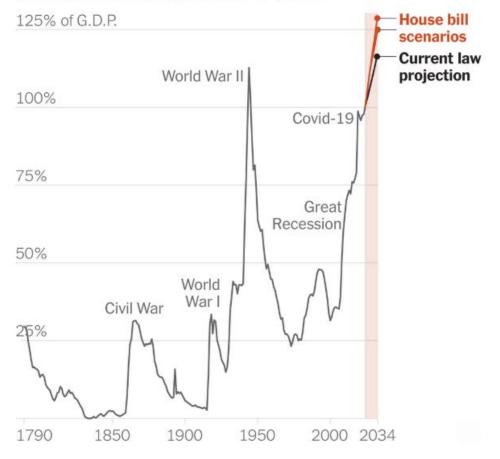
The Long-Term Budget Outlook, by Fiscal Year

Percentage of GDP						
	Average, 1995–2024	Actual, 2024	2025	2035	2045	2055
Revenues	17.2	17.1	17.1	18.3	18.9	19.3
Individual income taxes	8.1	8.4	8.7	10.0	10.5	10.9
Payroll taxes	6.0	5.9	5.8	5.9	5.9	5.9
Corporate income taxes	1.7	1.8	1.7	1.2	1.2	1.2
Other	1.4	0.9	0.9	1.1	1.2	1.3
Outlays	21.1	23.4	23.3	24.4	25.3	26.6
Mandatory	12.3	14.1	14.0	15.1	15.6	16.1
Social Security	4.5	5.0	5.2	6.0	5.9	6.1
Major health care programs	4.4	5.6	5.8	6.7	7.6	8.1
Medicare	2.6	3.0	3.1	4.0	4.8	5.2
Medicaid, CHIP, and premium tax credits and						
related spending	1.8	2.6	2.7	2.7	2.8	2.9
Other mandatory	3.3	3.4	3.0	2.4	2.1	1.9
Discretionary	7.0	6.3	6.1	5.3	5.1	5.1
Net interest	1.8	3.1	3.2	4.1	4.6	5.4
Total deficit (-)	-3.9	-6.4	-6.2	-6.1	-6.4	-7.3
Primary deficit (-)	-2.1	-3.3	-3.0	-2.1	-1.8	-1.9
Debt held by the public at the end of each period	60	98	100	118	136	156



Tax Bill and Debt Ceiling Pressures

U.S. federal debt as a share of G.D.P.



Sources: Congressional Budget Office (historical); Committee for a Responsible Federal Budget (projections) | By The New York Times

US debt ceiling anxiety is creating dislocations in the T-bill yield curve

The average yield on Treasury bills due in August is higher than yields on T-bills with adjacent maturities, in a sign investors are demanding higher returns for the risk of holding those securities

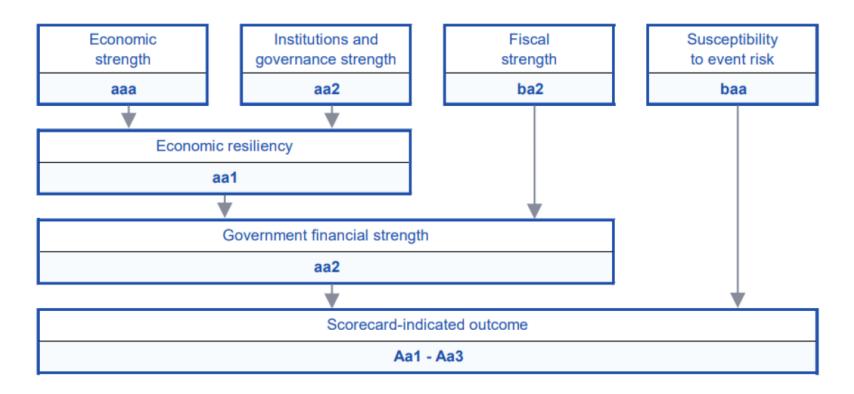


By Davide Barbuscia • Source: Tradeweb data via LSEG



The Downgrade

US' Aa1 credit profile is determined by four key factors



Source: Moody's Ratings

MOODY'S Sovereign Credit Today - United States

Who is AAA?

The triple A-rated bond club is getting smaller

	S&P	Fitch	Moody's
Germany	AAA	AAA	Aaa
🎨 Australia	AAA	AAA	Aaa
Singapore	AAA	AAA	Aaa
◆ Switzerland	AAA	AAA	Aaa
₩ Denmark	AAA	AAA	Aaa
Sweden	AAA	AAA	Aaa
₩ Norway	AAA	AAA	Aaa
Luxembourg	AAA	AAA	Aaa
Netherlands	AAA	AAA	Aaa
 ◆ Canada	AAA	AA+	Aaa

By Dhara Ranasinghe • Source: LSEG

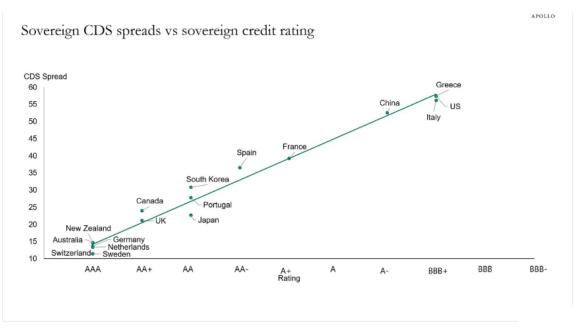
Safe Haven?

Exhibit 2: Rate changes before and after Liberation Day (bp)

Geography	Indicator	Jan 1-Apr 2	Apr 2-May 8
US	10-year	(0.40)	0.25
	5-year	(0.47)	0.10
	2-year	(0.38)	0.01
Germany	10-year	0.36	(0.19)
	5-year	0.18	(0.25)
	2-year	(0.04)	(0.27)
Japan	10-year	0.38	(0.14)
	5-year	0.35	(0.21)
	2-year	0.23	(0.21)

Source: Bloomberg, Santander US Capital Markets

RESERVE SWITCH: Just over half of 88 central bank reserve managers said they expected the pace of reserve diversification to accelerate over the next 12 months, according to the annual HSBC Reserve Management Trends survey. Almost 80% of respondents thought de-dollarisation was increasing, though on a gradual basis. Source: Reuters



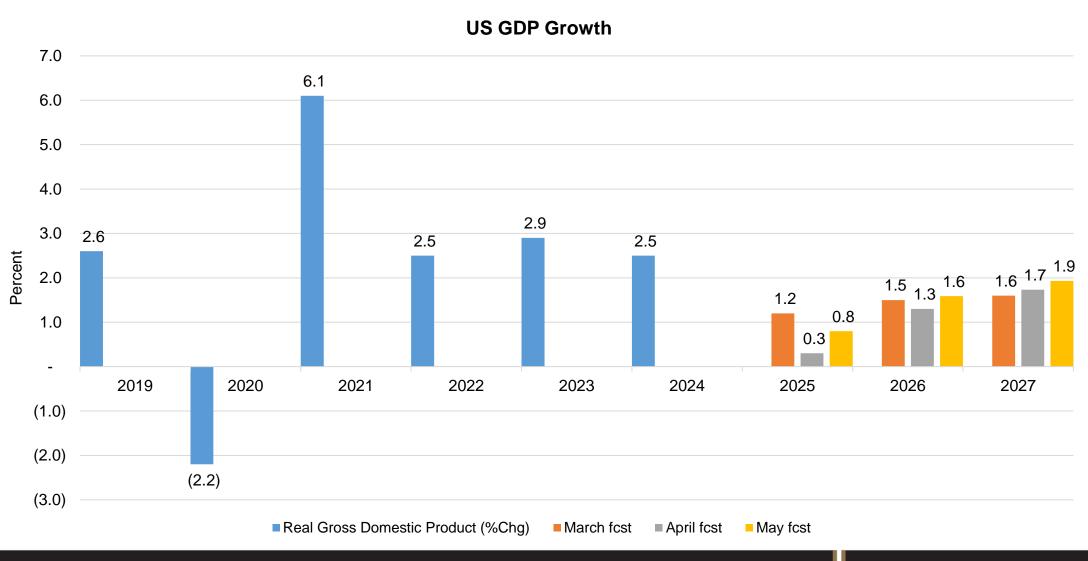
Data as of May 27, 2025. Sources: S&P Capital IQ, Bloomberg, Apollo Chief Economist

Global government issuance of US dollar debt tumbling in 2025, data shows

Governments in Asia and Europe are raising far less debt in U.S. dollars than usual, preferring to issue at home as they avoid exposure to rising U.S. yields, currency volatility and broader concerns about U.S. government finances. According to Dealogic data, issuance of dollar bonds by non-U.S. sovereigns dropped 19% to \$86.2 billion in the first five months of this year compared with the same period last year, marking the first decline in three years. The January-May dollar bond issuance by the governments of Canada and Saudi Arabia fell 31% and 29% to \$10.9 billion and \$11.9 billion, respectively, while issuance by Israel and Poland declined 37% and 31% to \$4.9 billion and \$5.4 billion. At the same time, Dealogic data showed global sovereigns' local currency bond issuance had climbed to a five-year high of \$326 billion so far this year. Source: Reuters

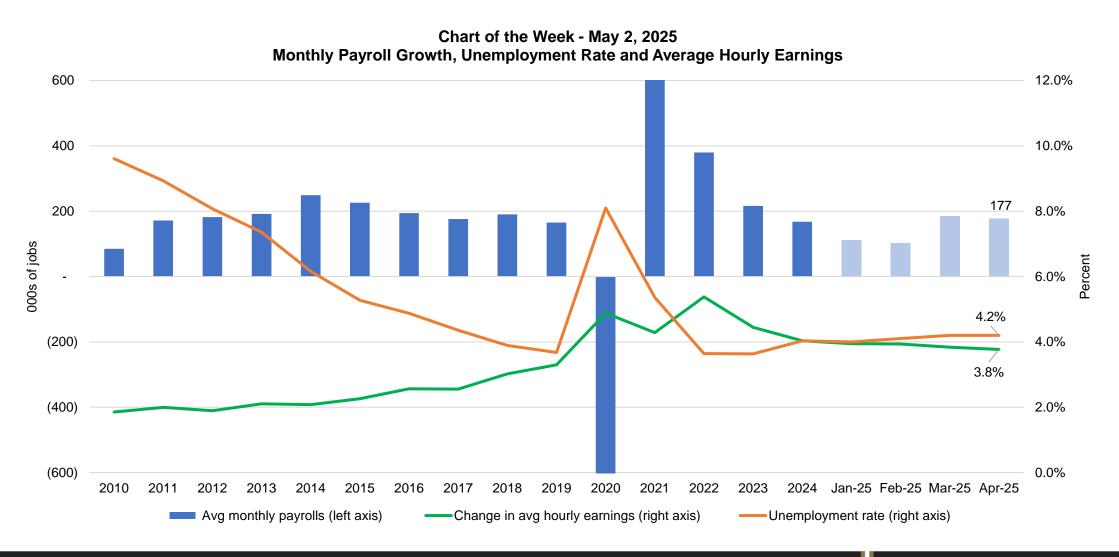


Expected Slowdown in U.S. Economy, Extent Has Shifted with Tariff News





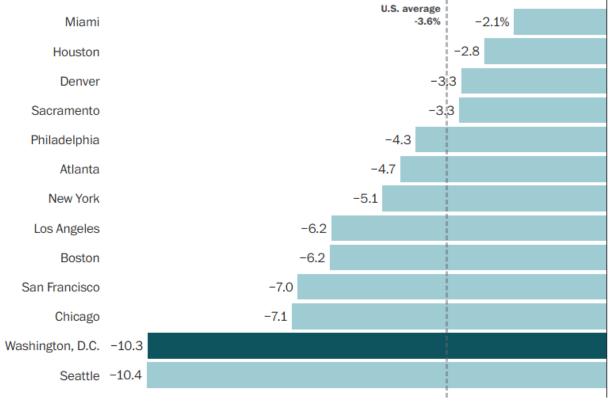
U.S. Job Market: A Changing Picture?



Not Just DOGE...Job Market Is Slowing

Most big cities are seeing fewer job postings; D.C.'s decline is among the steepest

Percentage change in Indeed job vacancies since Jan. 20, 2025, selected metro areas

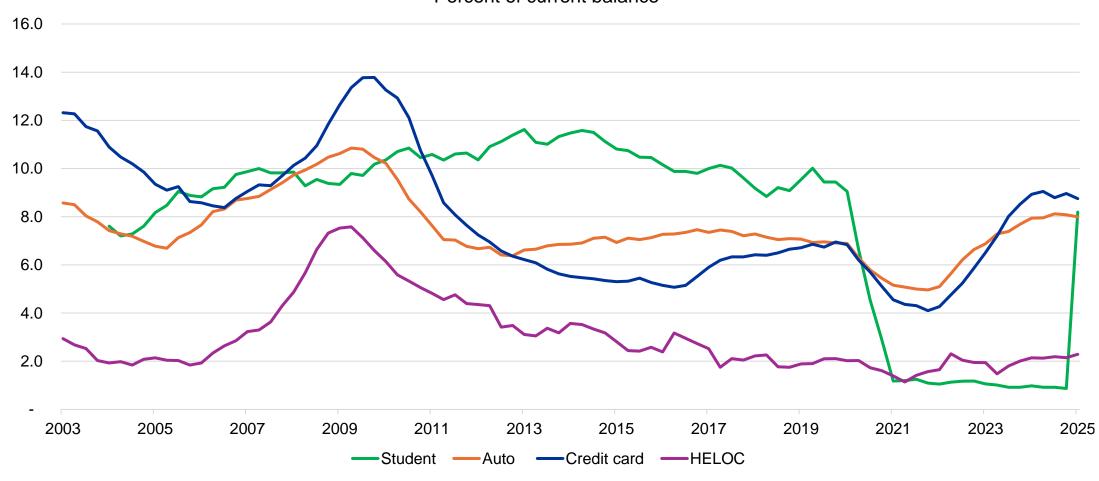


Source: Indeed FEDERICA COCCO / THE WASHINGTON POST

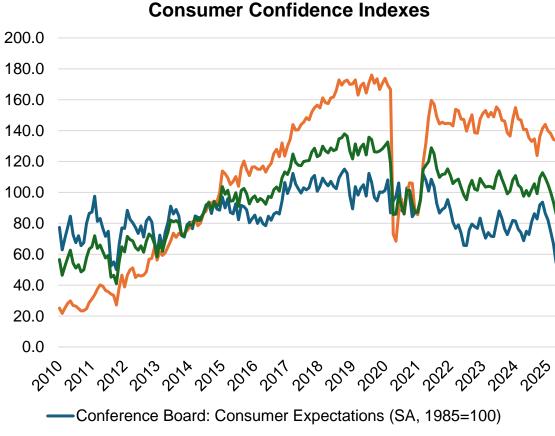
Households Facing Financial Strains

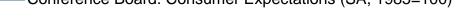
New Consumer Credit Delinquencies

Percent of current balance



Consumer Confidence Declining, Inflation Expectations Spiking





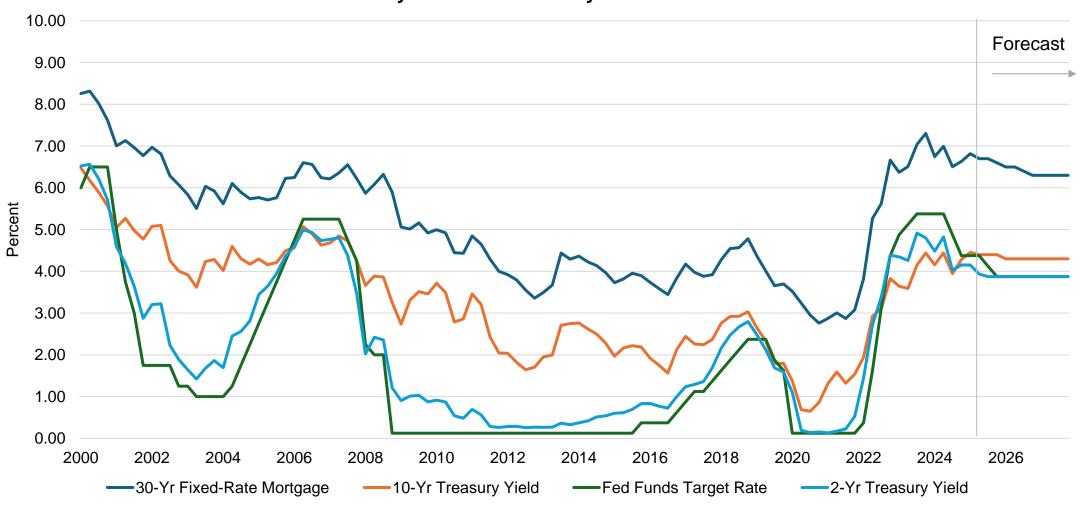
- Conference Board: Consumer Confidence Present Situation (SA, 1985=100)
- Conference Board: Consumer Confidence (SA, 1985=100)

Consumer Inflation Expectations 8.0 7.0 6.0 5.0 Percent 2.0 1.0 0.0 University of Michigan: Expected Inflation Rate, Next Year (%) University of Michigan: Expected Inflation Rate, Next 5 Years (%)



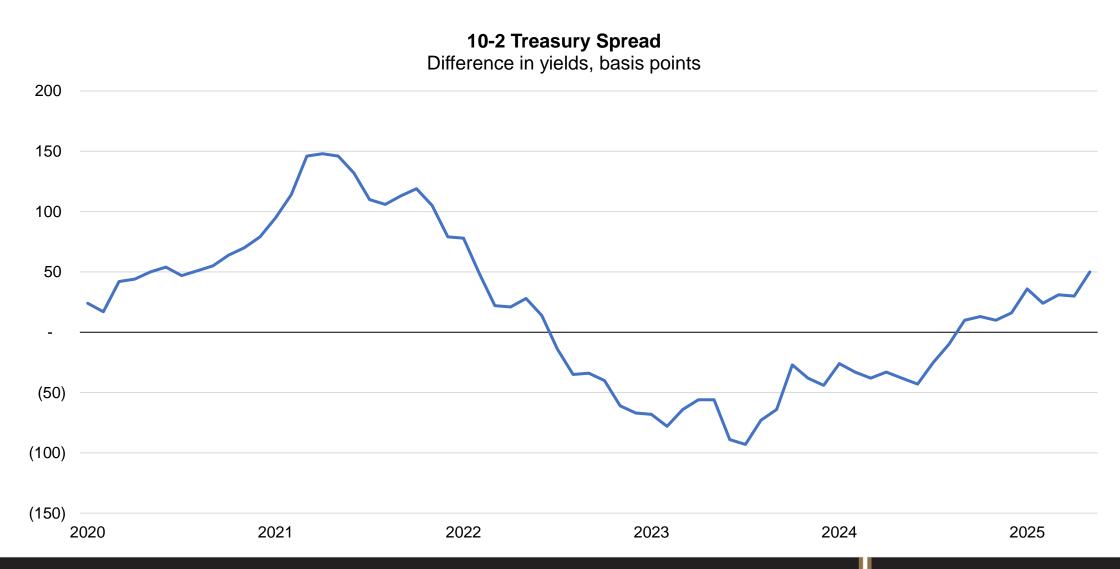
Rate Outlook: How Much More Will the Fed Cut?

History and Forecast of Key Interest Rates





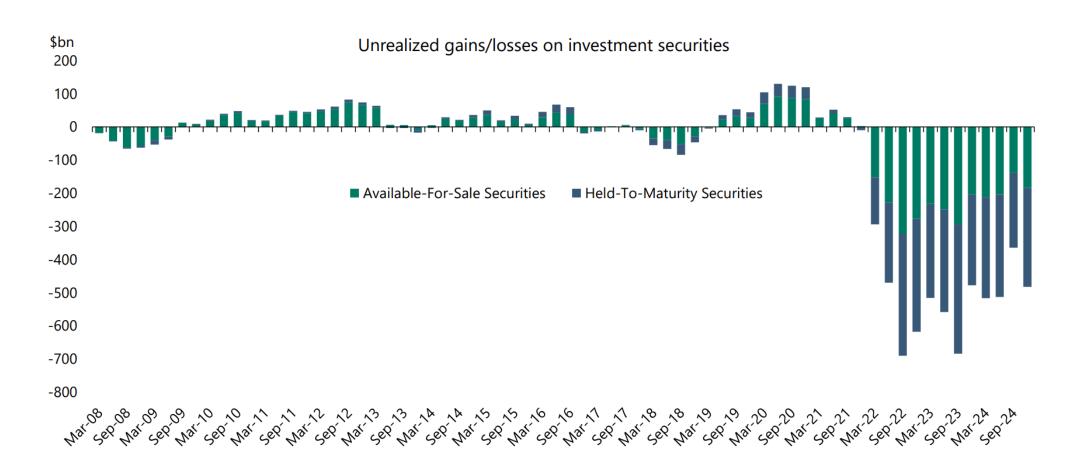
Steeper Yield Curve





Banks Still Face Challenges

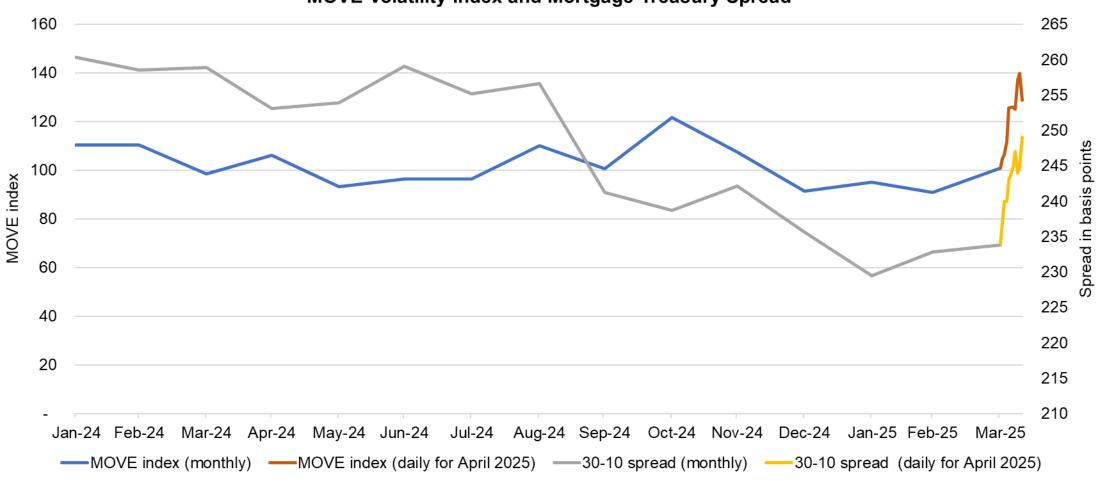
Banks currently holding almost \$500 billion in unrealized losses on securities





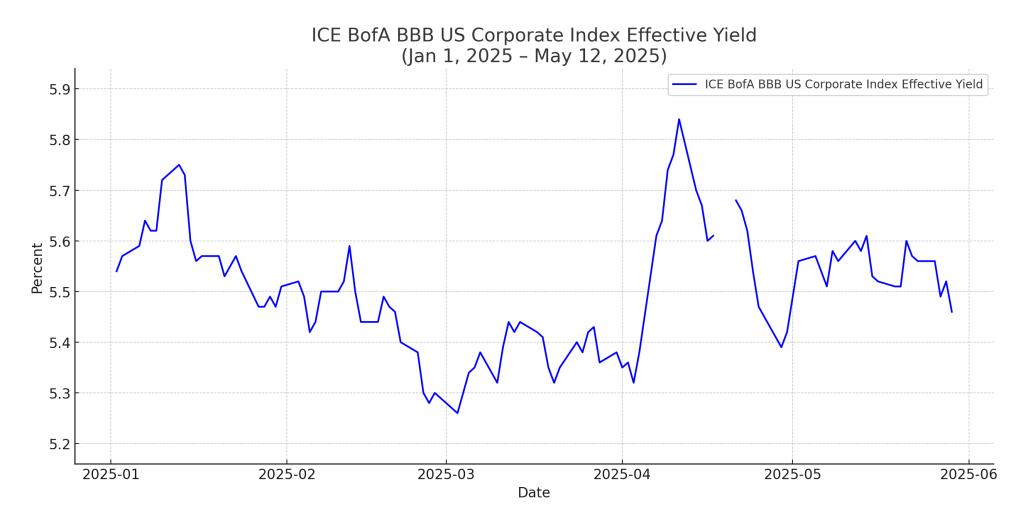
Wider Mortgage-Treasury Spread







Credit Spreads Tightening

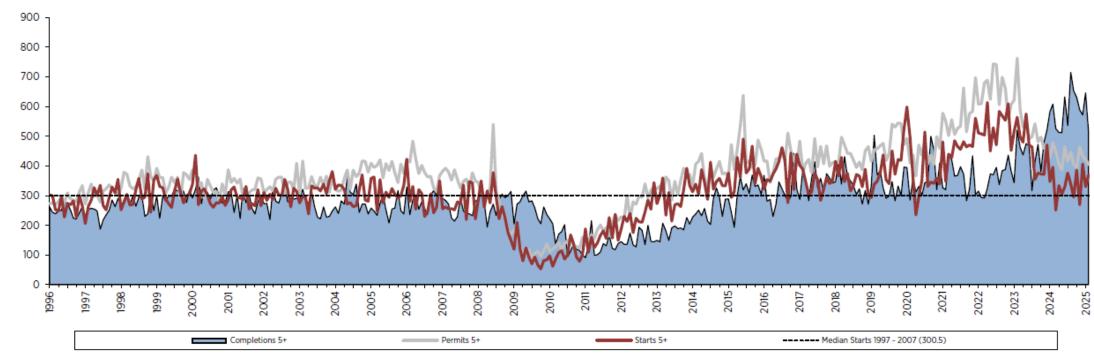


Source: Ice Data Indices, LLC via FRED (https://fred.stlouisfed.org/series/BAMLC0A4CBBBEY)

CREF Session

Multifamily Permits, Starts, and Completions

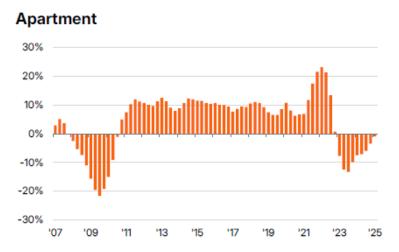
1996 to present

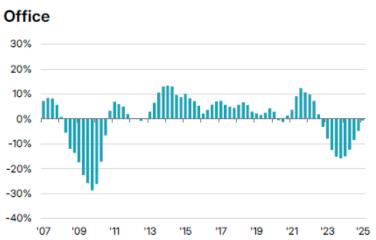


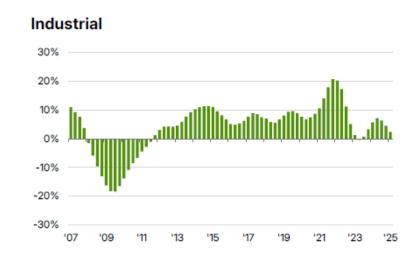
Source: U.S. Census Bureau

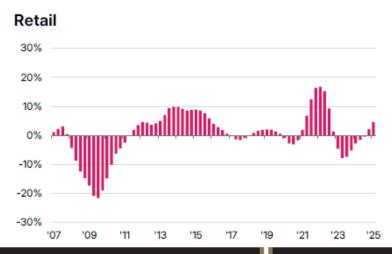
CRE Property Values Stabilizing?

Year-Over-Year Change by Property Type

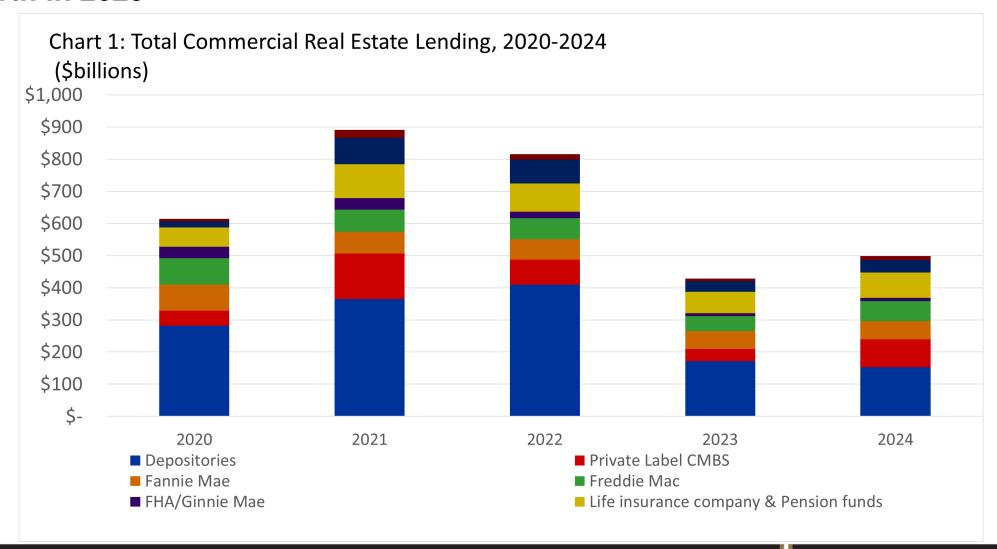




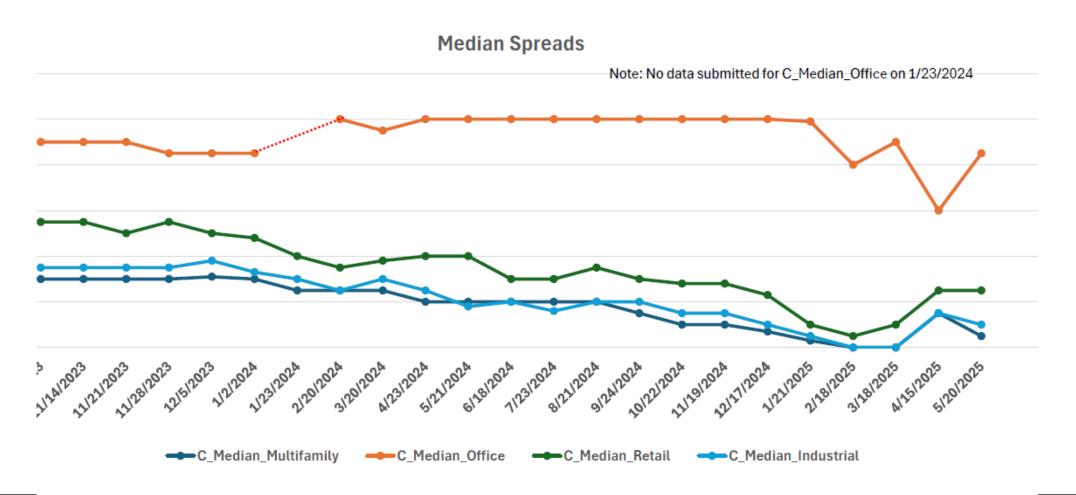




MBA's 2024 Origination Estimates: 16% Increase in 2024, Expecting Similar Growth in 2025

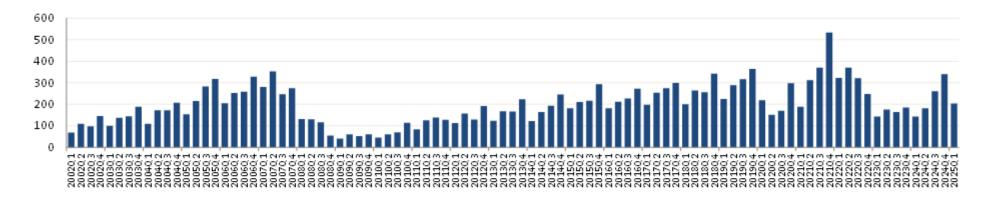


CREF Credit Availability



Originations Strong in Q1

Commercial/Multifamily Mortgage Bankers Originations Index 2001 quarterly average = 100



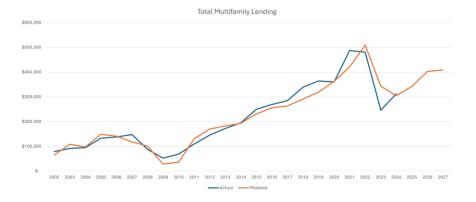
MBA 2025Q2 CREF and Multifamily Forecasts

		All Property Typ Total Mortgage Lending (\$		Multifamily Lending Only Total Mortgage Lending		
		Bil)	% Change	(\$ Bil)	% Change	
	2020	\$614		\$360		
Actual	2021	\$891	45%	\$487	35%	
	2022	\$816	-8%	\$480	-1%	
	2023	\$429	-47%	\$246	-49%	
	2024	\$558	30%	\$312	27%	
	2025	\$647	20%	\$342	10%	
Forecast	2026	\$772	19%	\$403	18%	
	2027	\$830	8%	\$409	1%	

Total CREF Lending (annualized)



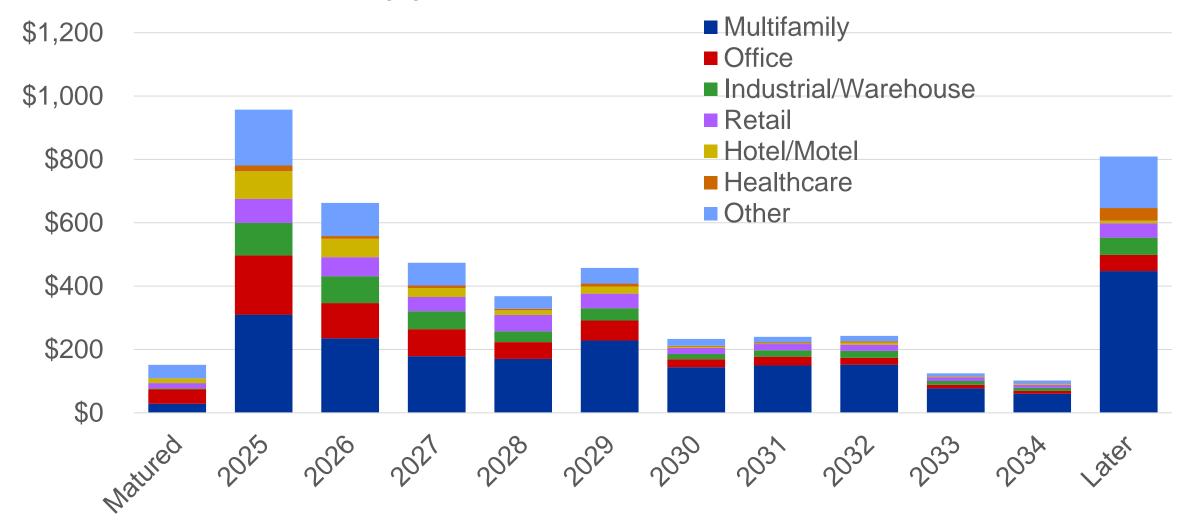
Multifamily Lending (annualized)





\$957 billion of CRE mortgages maturing in 2025, 20% of total

Estimated Total Commercial Mortgage Maturities (\$billions)



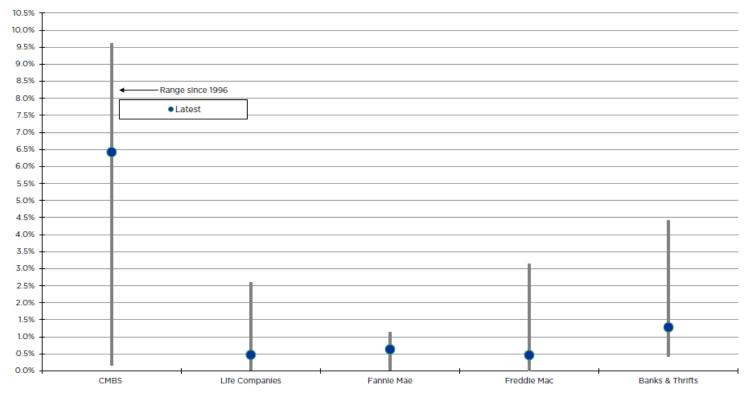


Delinquency Rates Low Relative to History, But Rising

CHART 3. Latest Delinquency Rates and Range Since 1996

NOTE: Delinquency rates shown are NOT comparable between investor groups. These rates show how performance of loans for each investor groups has varied over time, but cannot be used to compare one investor group to another.

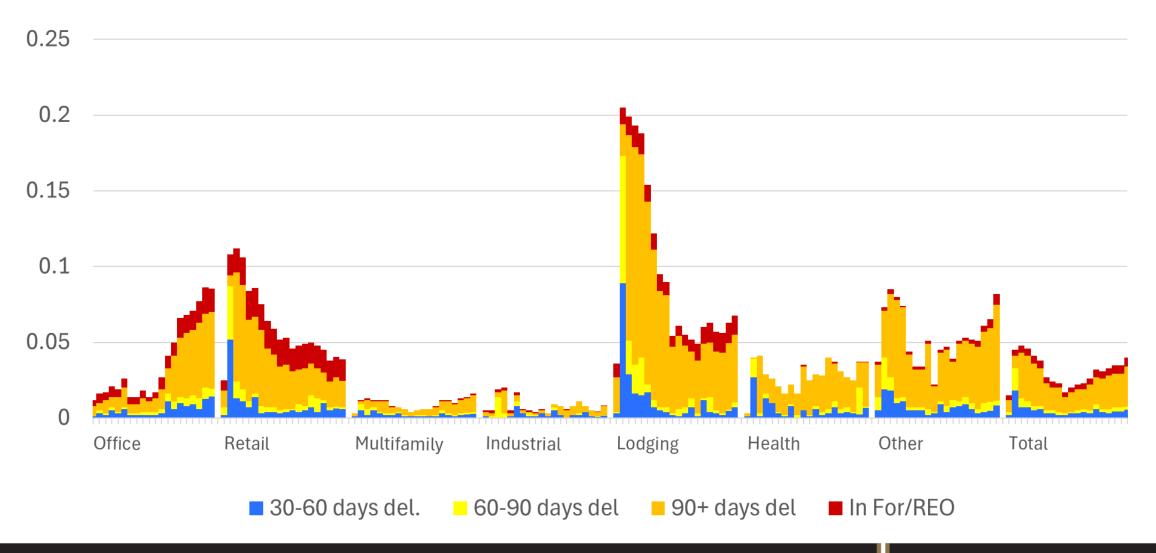




Sources: Trepp LLC, American Council of Life Insurers, Fannie Mae, Freddie Mac, OFHEO and Fannie Mae, Freddie Mac, OFHEO and Federal Deposit Insurance Corporation



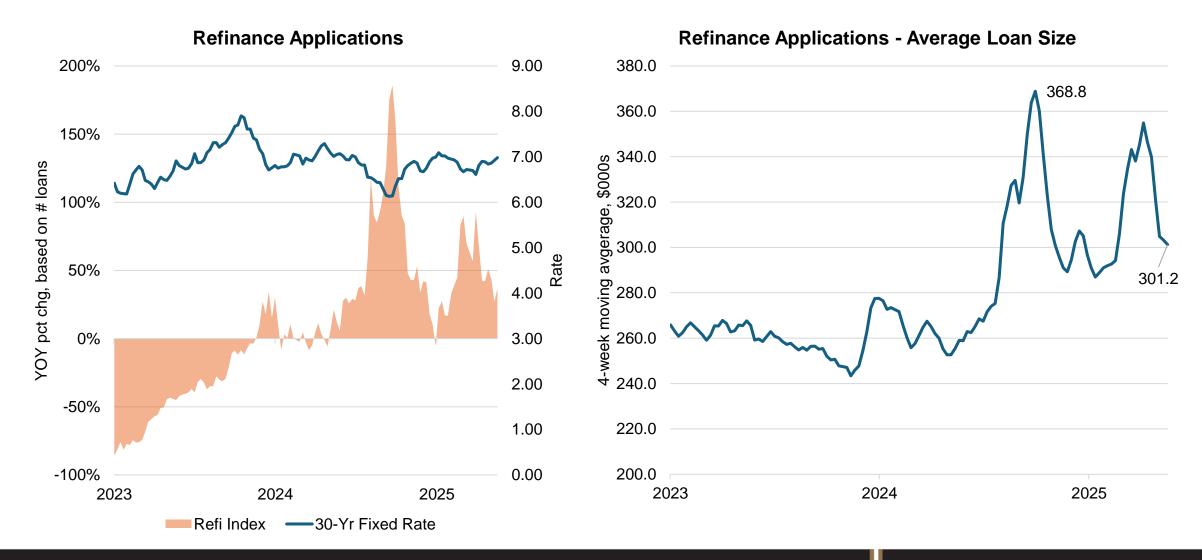
CREF Delinquency Rates Generally Increased in Q1 2025





Residential Lending Session

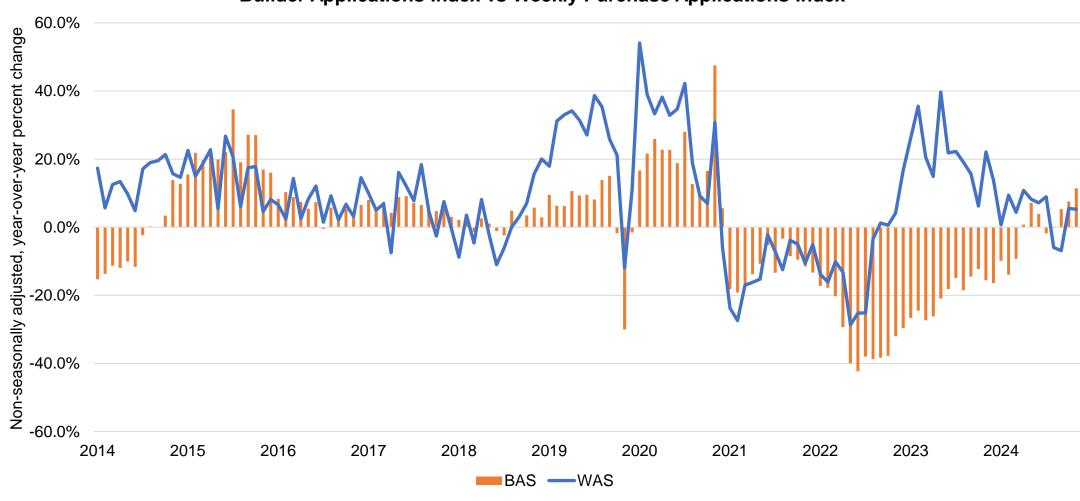
Refinance Opportunities Appearing With Rate Volatility





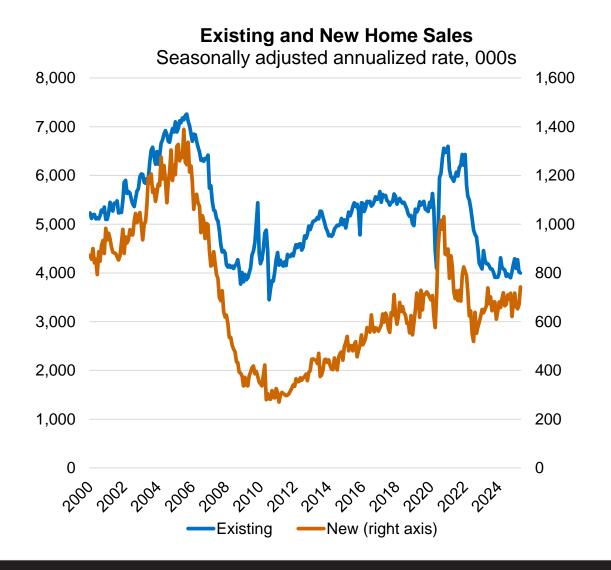
Purchase Applications – Some Growth

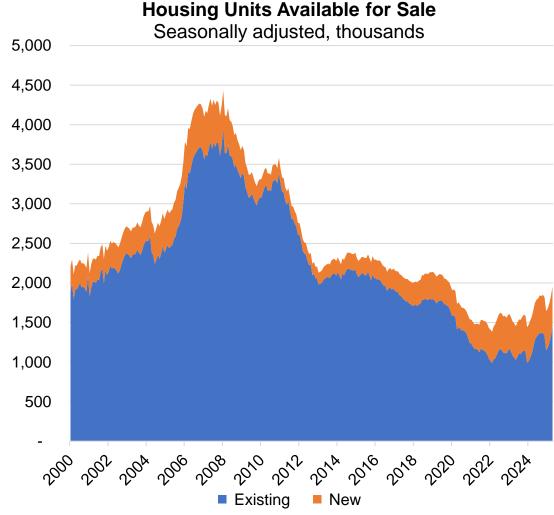






Home Sales Impacted by Uncertainty; Inventory Increasing





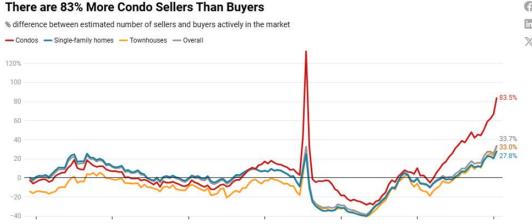


Inventory Varies By Geography and Property Type



The Condo Market Is Tilted Strongly in Favor of Buyers

There are an estimated 259,137 condo sellers in the U.S. housing market and an estimated 141,223 condo buyers. In other words, there are 83.5% more condo sellers than buyers.

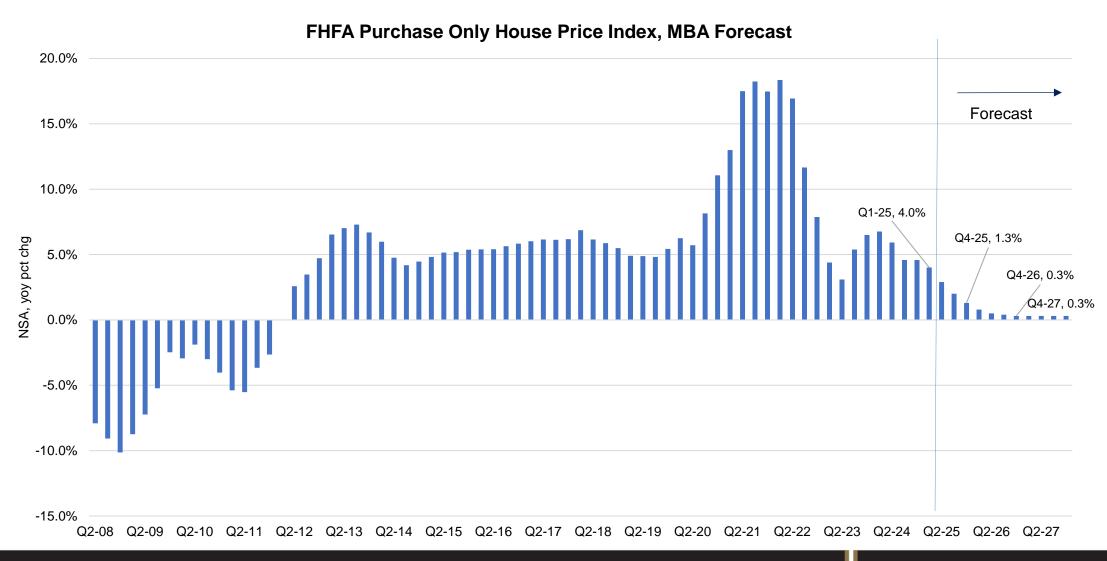


By comparison, there are 27.8% more single-family-home sellers than single-family-home buyers, and 33% more townhouse sellers than buyers.

Many condo owners are trying to offload their properties because HOA fees and insurance costs have been soaring, and some homeowners associations are doling out hefty special assessments. Florida is the epicenter of the condo slowdown, but condo markets in many other parts of the U.S. have also been cooling.



House Price Appreciation Moderating



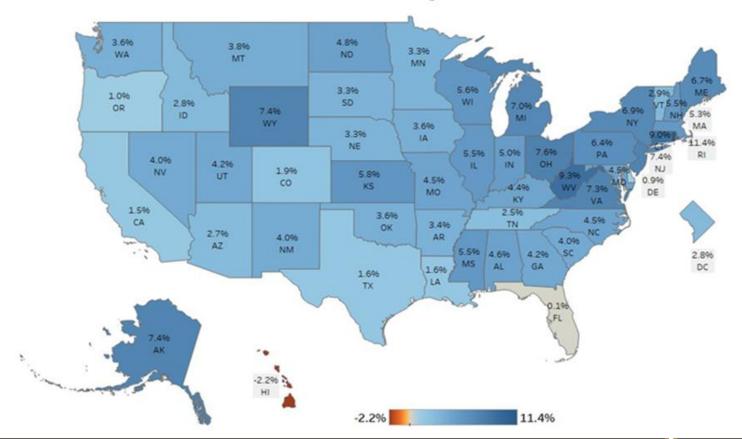


HPA Slowing

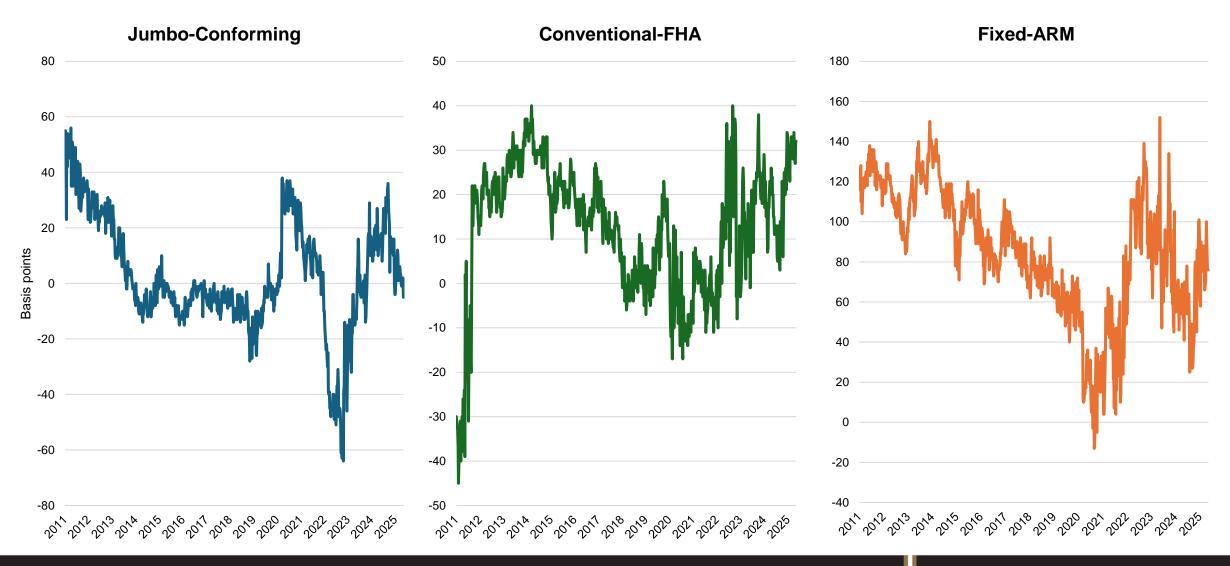
Chart of the Week - May 30, 2025

Four-Quarter House Price Change by State, as of Q1 2025 Purchase-Only FHFA HPI

US House Price Change = 4.0%

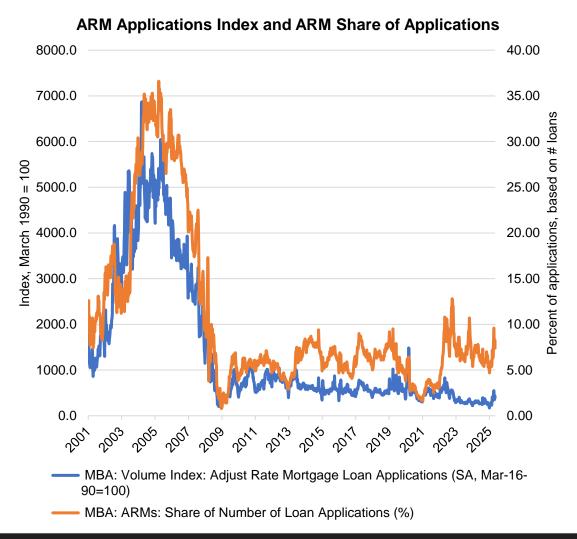


Other Spreads to Watch – FHA Share at 18% in May, Highest Since 2015

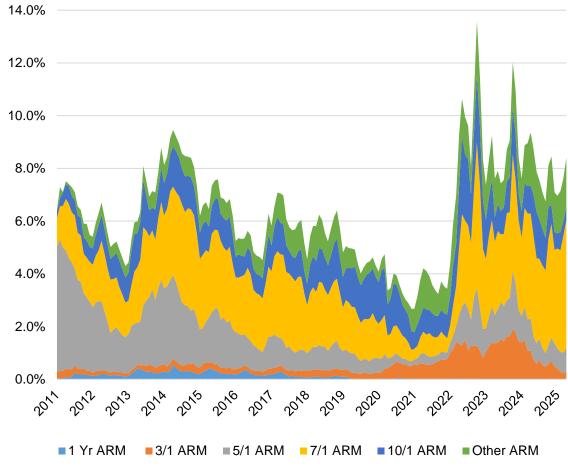




Increasing ARM Volume



ARM Loans as Share of Home Purchase Applications





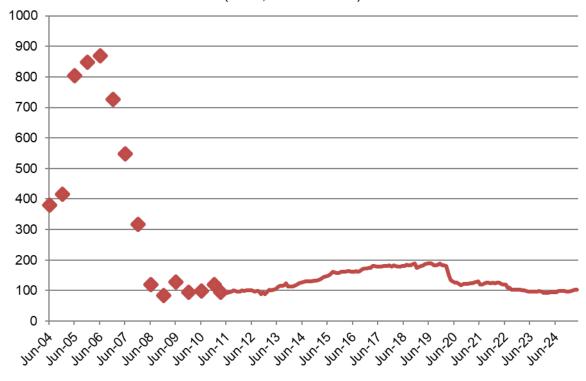
Credit Availability Tight, Non-agency Volume Increasing

Figure 1: RMBS credit issuance to date...

Issuance \$mn	2024 FY	2024 YTD	2025 YTD
Jumbo 2.0	26,940	9,381	13,949
Agency Investor	6,070	1,370	3,106
CRT	7,188	4,361	3,677
Rental	8,672	3,595	2,751
RPL	20,046	6,940	7,086
NPL	6,688	1,435	4,485
Non-QM	46,605	18,885	26,576
Seasoned CRT	999	467	661
HELOC/CES	15,252	5,463	7,423
Other	21,385	7,451	8,890
Total	159,844	59,349	78,604

Expanded Historical Series: Mortgage Credit Availability Index, Index Level by Month

(NSA, 3/2012=100)

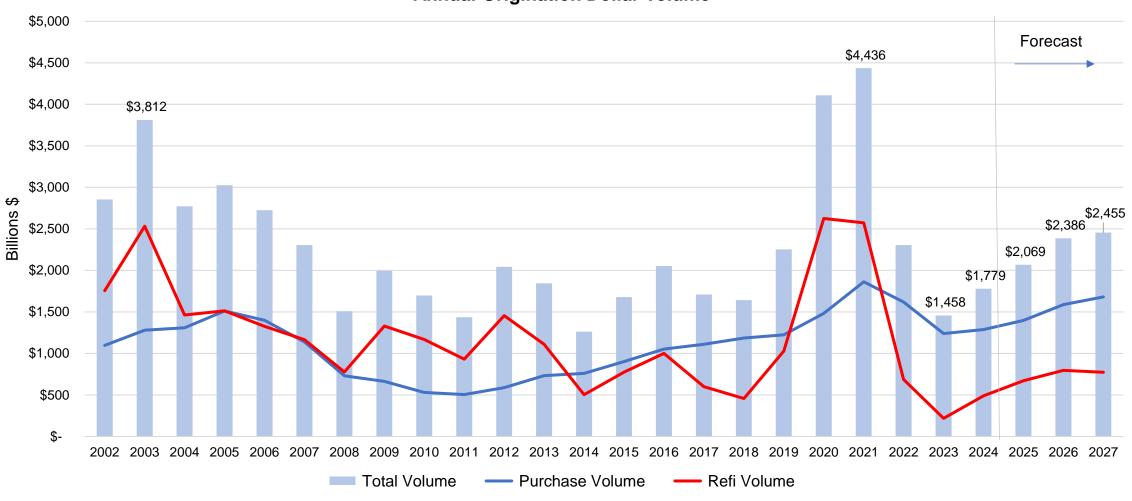


Source: Mortgage Bankers Association; Powered by ICE Mortgage Technology Data prior to 3/31/2011 was generated using less frequent and less complete data measured at 6-month intervals and extrapolated in the months between for charting purposes.



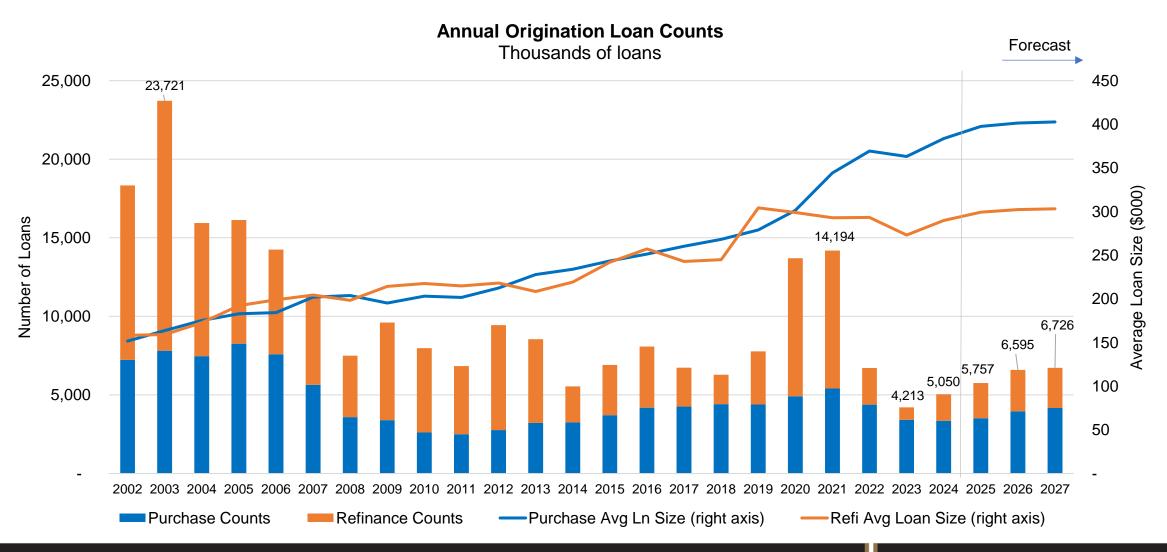
Mortgage Origination Dollar Volume to Increase 16% in 2025

Annual Origination Dollar Volume



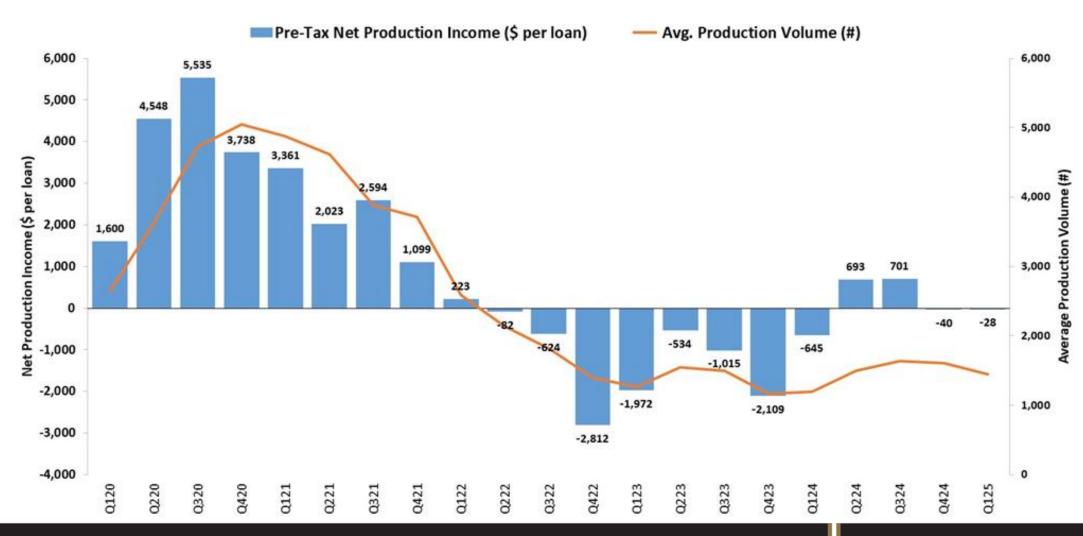


Mortgage Origination Units to Increase 14% in 2025





Pre-Tax Net Production Income (\$) for IMBs



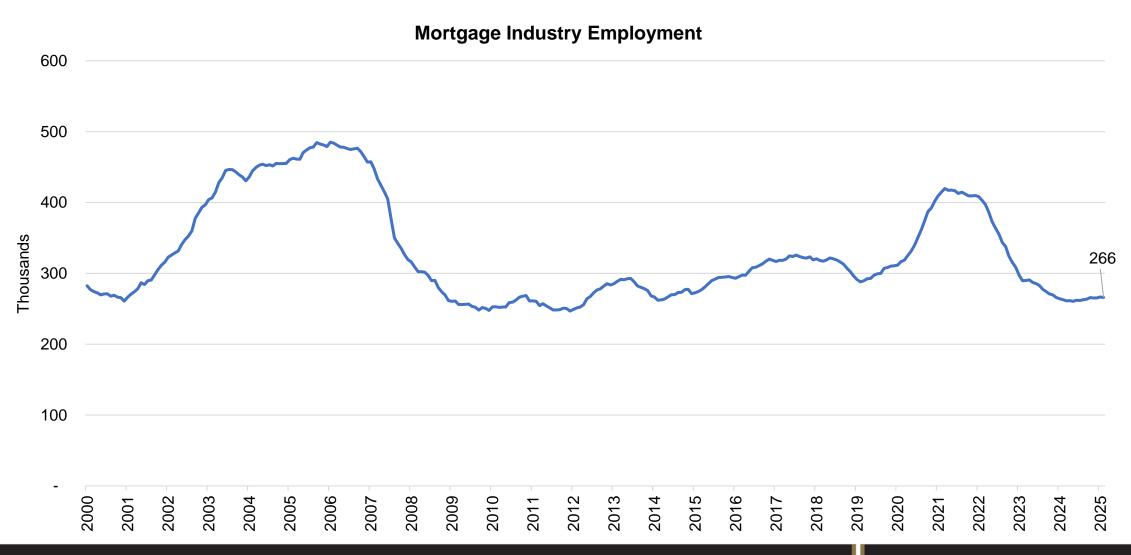


IMB Profitability Driven by Firm Size, Product Mix

Chart of the Week – May 23, 2025
IMB Pre-Tax Net Production Income by Average Loan Balance
in the First Quarter of 2025



Industry Employment Has Stabilized

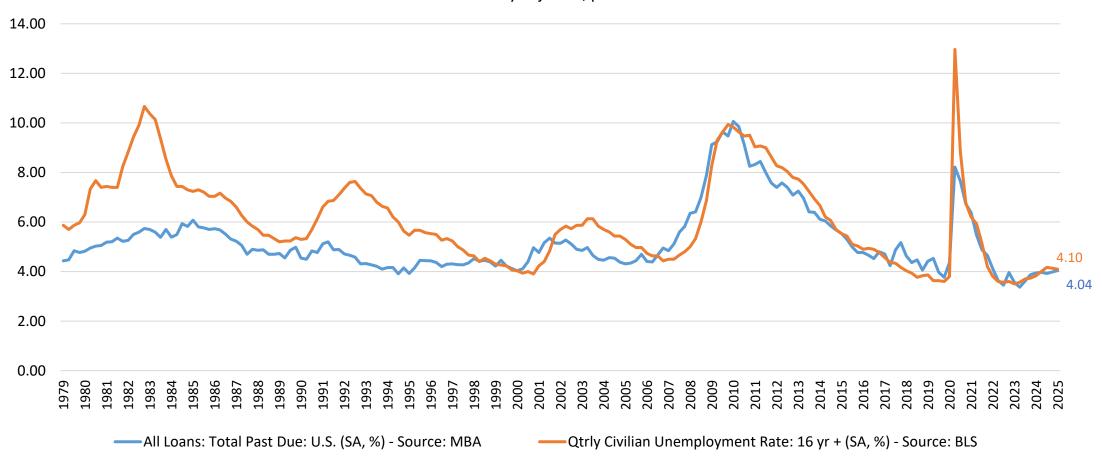




Mortgage Delinquency Rate Tracking with Unemployment Rate

Mortgage Delinquency Rate and Unemployment Rate Through the First Quarter of 2025

Seasonally adjusted, percent

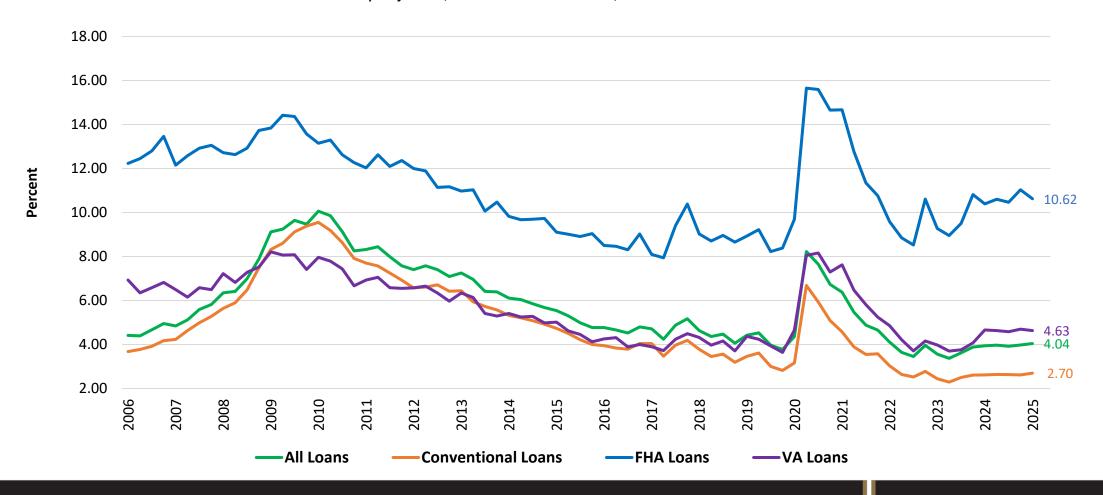




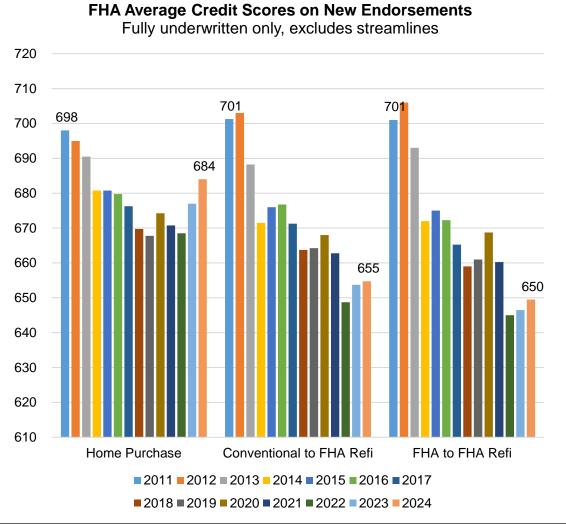
FHA and VA Delinquency Rates Increasing More

Mortgage Delinquency Rates by Loan Type

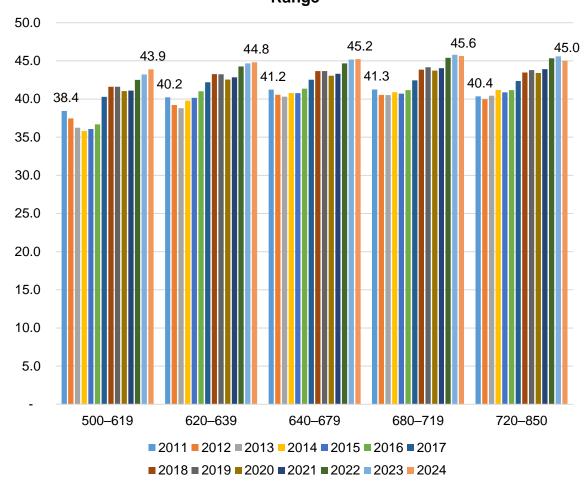
Seasonally adjusted, based on loan counts, excludes loans in foreclosure



Recent Loan Cohorts Driving Uptick in FHA Delinquencies

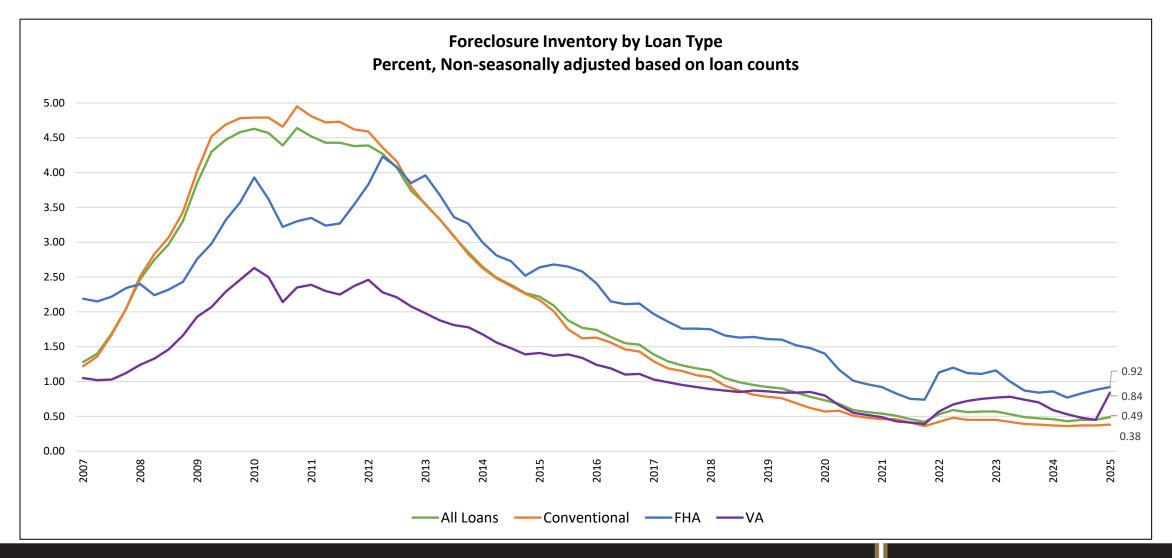


FHA Purchase Endorsement Average DTI by Credit Score Range





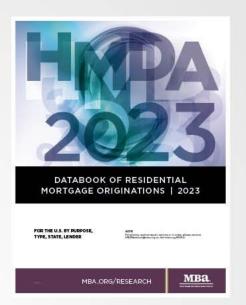
VA Foreclosures Jumped in Q1

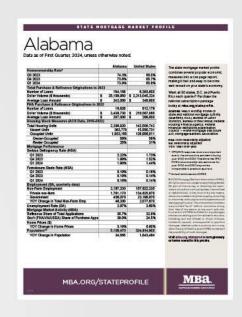


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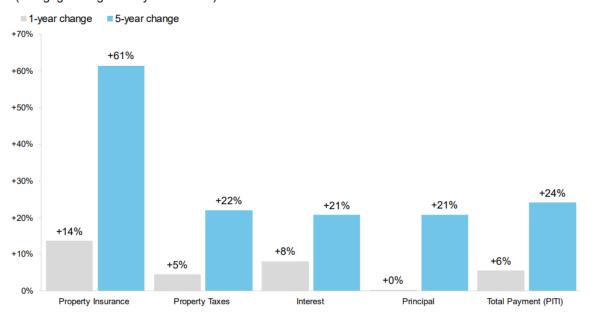
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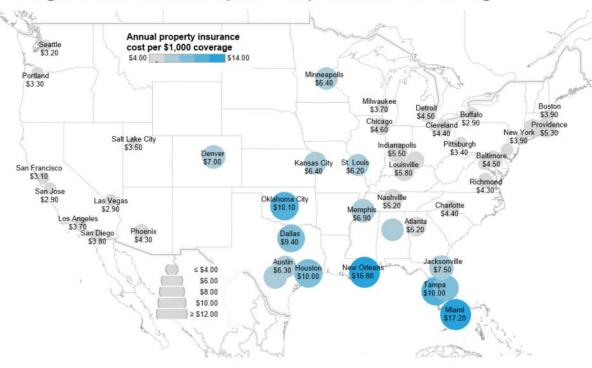
Appendix

Taxes and Insurance Impacting Affordability for Owners

Change in principal, interest, tax, and insurance payment (Mortgaged single family residences)



Average annual insurance premium per \$1,000 of coverage



- While existing owners have benefited from low interest rates and accumulating home equity, real estate taxes have increased.
- Moreover, as natural disasters and climate related events have increased in frequency and severity, homeowners' insurance premiums—both for hazard and flood insurance—have added to the burden of homeownership.

