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Consumer Resiliency

- **Key Takeaway:** Consumer spending on services rebounded in February, setting up a solid first quarter for private consumption.
- Macro Implications: Economy remains in a solid growth phase, supported by healthy income growth, despite less momentum relative to 2023.
- Housing Implications: A resilient economy delays a sustained move lower for mortgage rates as Fed unlikely to cut before June.

Macro: Economy Still Expanding at Solid Pace in Q1

- Data for the week generally positive, led by household spending.
- Private capital investment/restocking perked up modestly in Feb.
- Consumer inflation expectations back in pre-pandemic range.

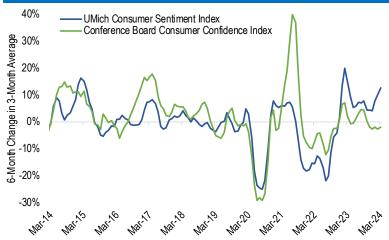
Rates: Recent Range Held

- Market odds for first rate cut in June moved below 70%.
- 10-year UST yields fell 1bps w/w to 4.20%.
- Risks still skewed to downside for rates as the year progresses.

Housing: Looking for a Catalyst

- Mortgage rates continued to hover around 7%, weighing on demand.
- Purchase applications through March 22 suggest weak activity.
- Feb. pending home sales rebounded 1.6% but are down -7.0% y/y.

UMich Consumer Sentiment Driven Higher by Households Feeling Less Inflationary Pressure



Sources: Conference Board, University of Michigan, BEA, Arch Global Economics

New Home Sales: Trend Remains Positive

- New home sales inched down -0.3% in Feb. but are up 5.9% y/y.
- Sales rose most for "under construction," up 12% vs. a year ago.
- More robust inventory than resale market, positive for future sales.

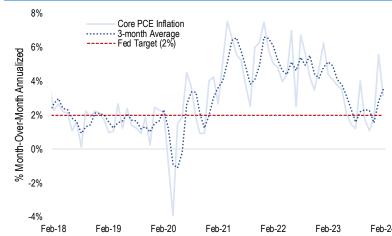
Personal Income: Services Spending Rebounded in Feb.

- Real disposable income ticked down -0.1% in Feb. but up 1.7% y/y.
- Real spending rose 0.4% on multi-month high in services spending.
- Core PCE inflation slowed in Feb., but trend remains a bit hot.

Consumer Sentiment: Divergence Growing

- Conference Board's Consumer Confidence Index flat on the month.
- UMich Sentiment Index rose, hitting highest level since Jul. '21.
- Improving inflation outlook juxtaposes weaker job expectations.

Fed's Preferred Inflation Gauge Softened in Feb., But Policymakers Will Need to See Further Improvement

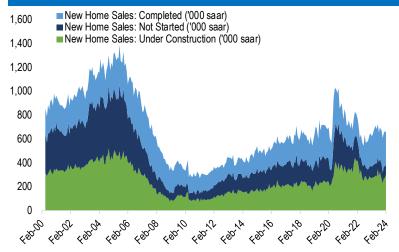


Core PCE = Personal Consumption Expenditure Price Index Excluding Food & Energy Prices

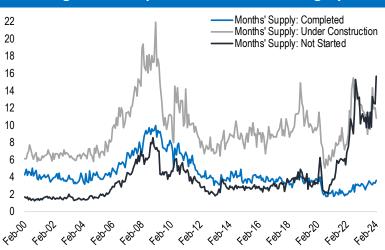


New Home Sales





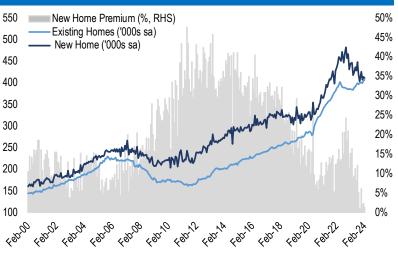
Months' Supply Remained in Check Across All Segments Except the "Not Started" Category



Share of Completed Homes for Sale Still Normalizing, But Demand Remained Firm

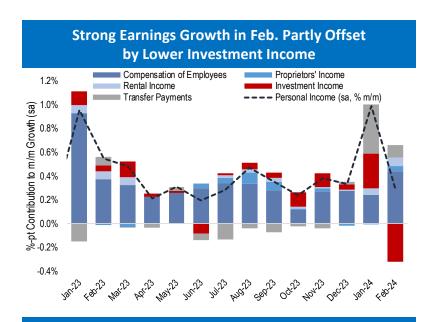


National New Home Premium Remains Historically Low Given Builder Incentives and Tight Resale Market

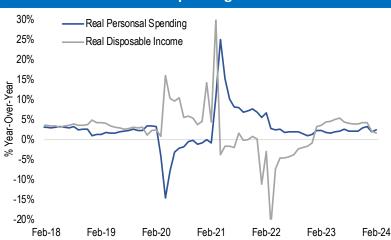




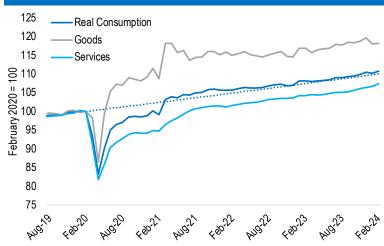
Personal Income & Spending



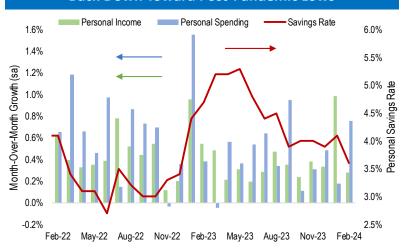








... driving the Personal Savings Rate Back Down Toward Post-Pandemic Lows





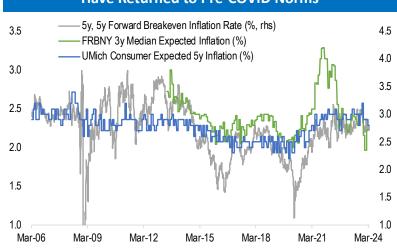
UMich Consumer Sentiment Continued Recovery asHouseholds Perceived Easing Inflation Pressures



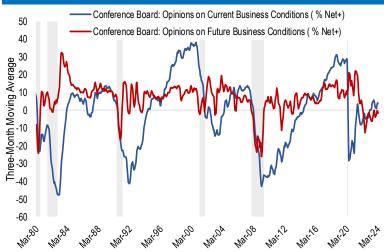
Conference Board's Consumer Confidence Index Moving Sideways as Labor/Income Prospects Soften



Measures of Medium-Term Inflation Expectations Have Returned to Pre-COVID Norms

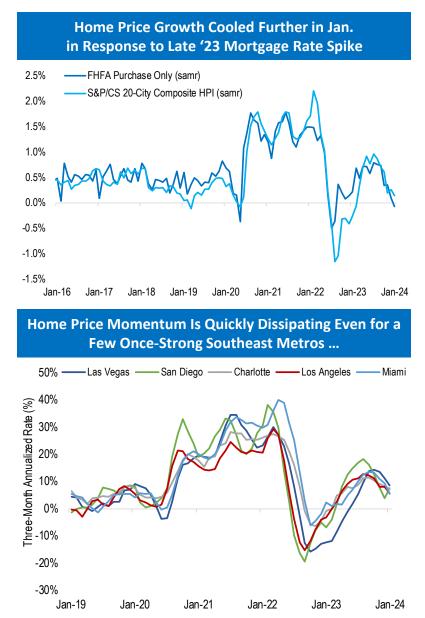


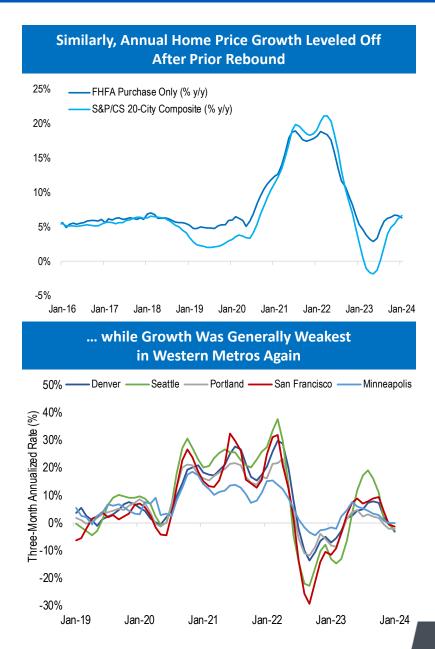
Households See General Business Conditions Improving Currently But Are Tentative About the Future





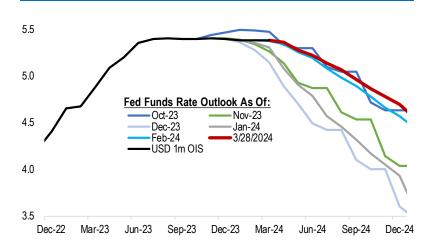
Home Prices







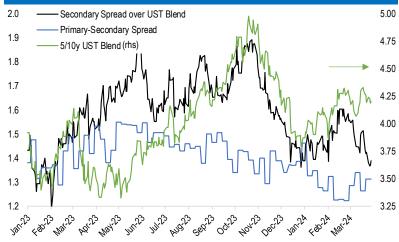
Market Odds of a May Rate Cut Down to 10% as June Odds Also Fell Below 70%



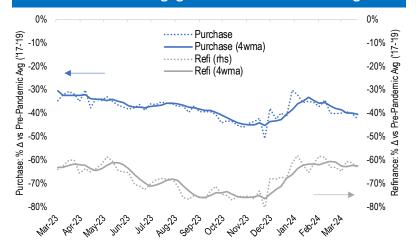
... keeping Implied Mortgage Rates Below 7%, **Continuing Choppy Path of Last Several Months**







Mortgage Applications Continued to Cool as Elevated Mortgage Rates Continued to Weigh



Secondary Spread: Current Coupon Option Adjusted Spread Over 5/10y UST Blend **Primary-Secondary Spread:** Primary Mortgage Rate – Secondary Mortgage Rate



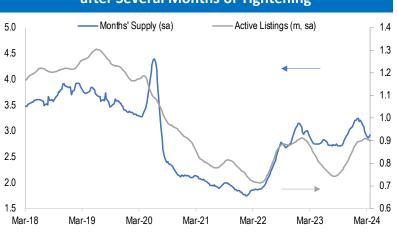
Real-Time Data on Pending Sales Show Continued Cooldown as New Supply Slowing Rapidly ...



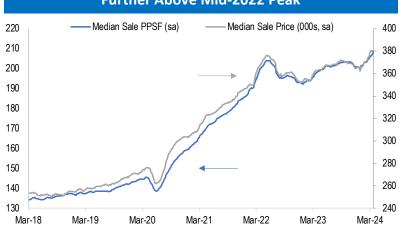
Pace of Seasonally Adjusted Home-Price Growth Continued to Rebound Amidst Still Tight Conditions ...







... lifting National Median Sales Prices Further Above Mid-2022 Peak





Although National Home Prices Are Up a Solid 5% over a Year Ago, Price Gains Vary Greatly Across the Country

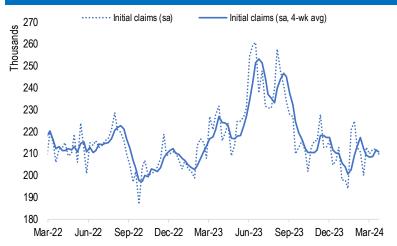
Metro	Median Sale Price Per Square Foot (y/y)		Active Listings with Price Drops		Share of Homes Sold Above List		Average Sale-to-List Ratio		Total Active	Median Days on Market vs Pre-COVID		Months' Supply vs Pre-COVID	
	Current	Year Ago	Current	(∆ y/y, ppt)	Current	(Δ y/y, ppt)	Current	(Δ y/y, ppt)	Listings (y/y)	Current	Year Ago	Current	Year Ago
All Redfin Metros	5.0%	-0.9%	5.8%	1.6%	27%	0.7%	98.8%	0.3%	6%	-14.8	-13.3	-21%	-30%
Atlanta	5.8%	1.0%	5.8%	1.5%	26%	0.9%	98.8%	0.3%	-18%	-3.2	0.7	-26%	-19%
Austin	-0.9%	-15.6%	6.9%	-0.3%	16%	1.0%	97.8%	0.6%	4%	32.2	41.8	53%	42%
Baltimore	7.1%	2.1%	5.8%	1.5%	43%	2.6%	101.5%	0.6%	1%	-24.1	-21.1	-37%	-44%
Boston	11.3%	-0.8%	3.9%	0.9%	50%	4.4%	101.8%	1.1%	-2%	-3.1	-0.9	-17%	-16%
Chicago	10.5%	-0.4%	2.6%	0.4%	38%	5.2%	99.5%	0.9%	-20%	-1.6	6.2	-26%	-16%
Dallas	3.1%	-3.9%	6.9%	1.5%	20%	-2.5%	98.2%	-0.1%	18%	4.9	7.6	6%	-18%
Denver	5.3%	-9.5%	7.8%	1.4%	33%	-0.3%	99.7%	0.0%	16%	6.8	5.3	15%	-5%
Houston	3.2%	1.0%	7.1%	1.8%	14%	-1.5%	97.1%	-0.4%	12%	-4.6	0.5	-6%	-22%
Los Angeles	5.1%	-4.5%	3.8%	1.0%	46%	6.1%	100.8%	1.1%	-5%	-6.8	0.8	-11%	-11%
Miami	12.4%	-0.2%	4.4%	1.8%	13%	-0.3%	96.2%	0.0%	12%	-3.7	-3.3	-12%	-35%
Minneapolis	5.6%	-1.8%	5.6%	2.2%	36%	-0.8%	99.9%	-0.1%	11%	-1.6	-3.1	-16%	-19%
Nashville	2.7%	1.4%	4.9%	1.1%	16%	-1.1%	98.4%	0.0%	0%	6.6	5.6	-3%	-11%
New York	6.9%	-0.7%	3.5%	0.2%	28%	6.7%	99.3%	0.9%	-9%	-52.5	-39.1	-24%	-22%
Phoenix	5.1%	-6.6%	7.3%	0.2%	16%	0.8%	98.4%	0.7%	3%	3.2	13.0	10%	-2%
Portland	2.8%	-4.7%	6.2%	2.2%	32%	-1.1%	99.5%	-0.2%	7%	6.6	0.5	10%	-5%
Riverside	7.0%	-4.4%	4.9%	1.1%	38%	6.6%	99.4%	0.9%	-5%	-17.7	-3.2	-23%	-20%
San Diego	9.7%	-5.9%	5.3%	1.4%	48%	7.9%	100.6%	0.8%	12%	-8.2	-2.0	-29%	-38%
Seattle	10.5%	-12.3%	4.4%	-0.5%	43%	11.2%	102.0%	2.0%	-6%	-4.8	1.8	-8%	-5%
Tampa	2.3%	2.7%	10.4%	3.0%	13%	-2.5%	97.4%	-0.2%	34%	0.3	-4.8	10%	-21%
Washington DC	6.9%	-1.3%	3.8%	0.8%	46%	7.3%	100.9%	0.7%	-5%	1.3	6.5	-17%	-20%

Data as of March 24, 2024, and reflects 4-week averages.

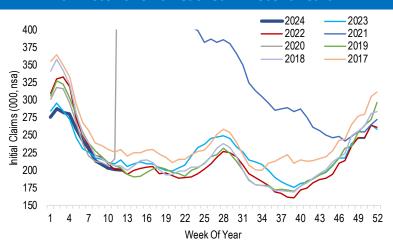


Jobless Claims

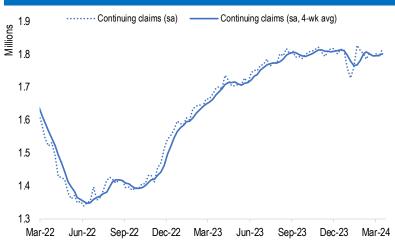
Initial Claims Still Well Below Pre-Pandemic Norm Despite Early '24 Surge in Announced Layoffs ...



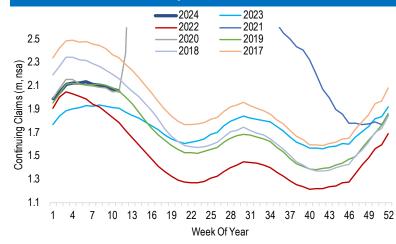
Non-Seasonally Adjusted Initial Claims Remained in Line with Historic Lows Reached in Recent Years ...







... while Continuing Claims Still Tracking Well with Early 2019/2020 Level





UPCOMING DATA RELEASES

Key economic and housing data releases for the coming week:

Date	Indicator	Period	Actual	Consensus	Revised	Prior	Note
4/1/24	S&P Global US Manufacturing PMI	Mar F		52.5		52.5	index, sa
4/1/24	ISM Manufacturing	Mar		48.3		47.8	index, sa
4/1/24	ISM Prices Paid	Mar		53.0		52.5	index, nsa
4/2/24	JOLTS Job Openings	Feb		8.8		8.9	m, sa
4/2/24	Durable Goods Orders	Feb F		1.4%		1.4%	m/m, sa
4/2/24	Cap Goods Orders Nondef Ex Air	Feb F				0.7%	m/m, sa
4/2/24	Wards Total Vehicle Sales	Mar		15.9		15.8	m, saar
4/3/24	MBA Mortgage Applications	3/29/24				-0.7%	w/w, sa
4/3/24	ADP Employment	Mar		150		140	k, m/m, sa
4/3/24	S&P Global US Services PMI	Mar F		51.7		51.7	index, sa
4/3/24	S&P Global US Composite PMI	Mar F				52.2	index, sa
4/3/24	ISM Services Index	Mar		52.8		52.6	index, nsa
4/4/24	Initial Jobless Claims	3/30/24		214		210	k, sa
4/4/24	Continuing Claims	3/23/24		1,810		1,819	k, sa
4/5/24	Nonfarm Payrolls	Mar		205		275	k, m/m, sa
4/5/24	Private Payrolls	Mar		165		223	k, m/m, sa
4/5/24	Unemployment Rate	Mar		3.8%		3.9%	sa
4/5/24	Average Hourly Earnings m/m	Mar		0.3%		0.1%	sa
4/5/24	Average Hourly Earnings y/y	Mar		4.1%		4.3%	nsa
4/5/24	Average Weekly Hours All Employees	Mar		34.3		34.3	sa
4/5/24	Labor Force Participation Rate	Mar		62.5%		62.5%	sa
4/5/24	Consumer Credit	Feb		16.4		19.5	\$B, m/m, sa

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics



Recent Data Releases

Key economic and housing data releases over the prior week:

Date	Indicator	Period	Actual	Consensus	Revised	Prior	Note
3/25/24	New Home Sales	Feb	662	677	664	661	k, saar
3/25/24	New Home Sales m/m	Feb	-0.3%	2.3%	1.7%	1.5%	sa
3/26/24	Durable Goods Orders	Feb P	1.4%	1.0%	-6.9%	-6.2%	m/m, sa
3/26/24	Cap Goods Orders Nondef Ex Air	Feb P	0.7%	0.1%	-0.4%	0.0%	m/m, sa
3/26/24	FHFA House Price Index	Jan	-0.1%	0.3%		0.1%	m/m, sa
3/26/24	S&P CoreLogic CS 20-City m/m SA	Jan	0.1%	0.2%	0.3%	0.2%	sa
3/26/24	S&P CoreLogic CS 20-City y/y NSA	Jan	6.59%	6.60%	6.15%	6.13%	nsa
3/26/24	Conf. Board Consumer Confidence	Mar	104.7	107.0	104.8	106.7	index, s
3/27/24	MBA Mortgage Applications	3/22/24	-0.7%			-1.6%	w/w, sa
3/28/24	GDP Annualized q/q	4Q T	3.4%	3.2%		3.2%	saar
3/28/24	Personal Consumption q/q	4Q T	3.3%	3.0%		3.0%	saar
3/28/24	Core PCE Deflator q/q	4Q T	2.0%	2.1%		2.1%	saar
3/28/24	Initial Jobless Claims	3/23/24	210	212	212	210	k, sa
3/28/24	Continuing Claims	3/16/24	1,819	1,815	1,795	1,807	k, sa
3/28/24	Pending Home Sales m/m	Feb	1.6%	1.5%	-4.7%	-4.9%	sa
3/28/24	Pending Home Sales y/y	Feb	-2.2%			-6.8%	nsa
3/28/24	U. of Mich. Sentiment	Mar F	79.4	76.5		76.5	index, n
3/28/24	U. of Mich. 1 Yr Inflation	Mar F	2.9%	3.1%		3.0%	nsa
3/28/24	U. of Mich. 5-10 Yr Inflation	Mar F	2.8%	2.9%		2.9%	nsa
3/29/24	Personal Income	Feb	0.3%	0.4%		1.0%	m/m, s
3/29/24	Personal Spending	Feb	0.8%	0.5%		0.2%	m/m, s
3/29/24	Real Personal Spending	Feb	0.4%	0.1%	-0.2%	-0.1%	m/m, s
3/29/24	PCE Inflation m/m	Feb	0.3%	0.4%	0.4%	0.3%	sa
3/29/24	PCE Inflation y/y	Feb	2.5%	2.5%		2.4%	nsa
3/29/24	PCE Core Inflation (ex Food and Energy) m/m	Feb	0.3%	0.3%	0.5%	0.4%	sa
3/29/24	PCE Core Inflation (ex Food and Energy) y/y	Feb	2.8%	2.8%	2.9%	2.8%	nsa
3/29/24	Retail Inventories m/m	Feb	0.5%	0.4%	0.5%	0.5%	sa
3/29/24	Wholesale Inventories	Feb P	0.5%	0.2%	-0.2%	-0.3%	m/m, s

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics