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Fed Should Pivot to Worrying about Growth

- **Key Takeaway:** Data was weaker than consensus expectations last week, indicating economic activity is unlikely to sprout a strong rebound in Q2.
- Macro Implications: Economic normalization and weakness can look similar, but we believe current trends reflect the former.
- Housing Implications: As economic slack builds and inflation cools, the Fed should shift gears to rate cuts in Q3, kickstarting a new housing cycle.

Macro: More Signs of a Slowdown

- The big bounce in housing activity from 1Q24 is proving short-lived, again.
- Consumer spending continues to cool despite solid income gains.
- Industrial production's strong outturn for May unlikely to carry forward.

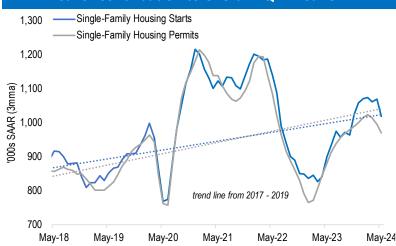
Rates: Holding Pattern

- 10-yr UST was roughly unchanged despite intra-week volatility.
- Market still pricing two 25bps Fed rate cuts this year: Sept. and Dec.
- Softer macro data did not drag rates lower this week.

Housing: Mortgage Rates Skewing Lower

- Mortgage rates continued to hover around 7%.
- Purchase applications remained depressed at historically low levels.
- Further progress on rates needed to jolt housing market activity higher.

Housing Construction Has Taken a Turn Lower, Implying Weaker Contribution to Overall 2Q24 Real GDP



Sources: National Association of REALTORS (NAR), Freddie Mac, U.S. Census Bureau, Arch Global Economics

Existing Home Sales: Stuck in Mud

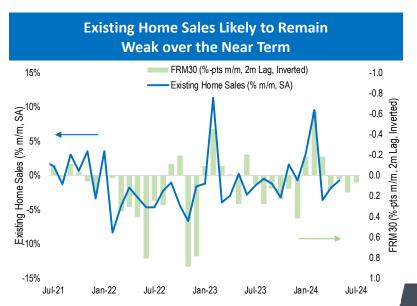
- Sales fell -0.7% m/m (sa) in May and were down -2.8% y/y.
- Inventory declined for second straight month and by -1.0% m/m (sa).
- Market remained tight with months' supply at just 3.6 (sa).

Construction: Home Builder Optimism Falls Again

- Single-family starts declined -5.2% m/m (sa) to a seven-month low.
- Single-family permits fell for fourth straight month, by -2.9% m/m (sa).
- Multifamily starts remained weak, down -50% y/y.

Retail Sales: Consumers Growing More Cautious

- Retail sales rose a modest 0.1% in May after declining -0.2% in April.
- Real spending has averaged -0.1% m/m over prior three months.
- Large downward revisions to sales in four of last five months.





Existing Home Sales

Existing Home Sales Muddling Along at below-Trend Pace with Minimal Upside Near-Term

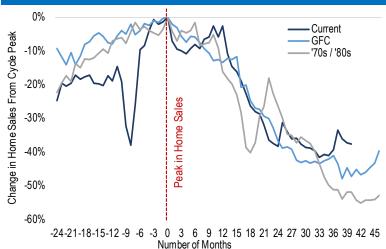


May-04 May-06 May-08 May-10 May-12 May-14 May-16 May-18 May-20 May-22 May-24

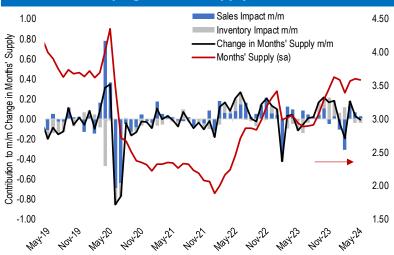
Inventory Increased 17% y/y, the Fastest Annual Pace Since 2006; However, the Market Remained Tight



Existing Home Sales Seemingly Following the Same Path from Early Last Year, Slowing after an Initial Spike



Monthly Inventory Build Has Lost Momentum, Keeping Months' Supply in Check

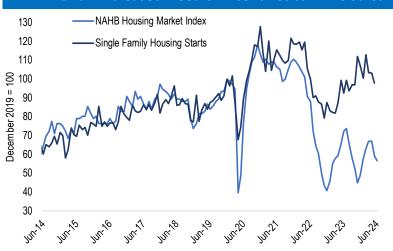


Sources: NAR, Arch Global Economics



Residential Construction

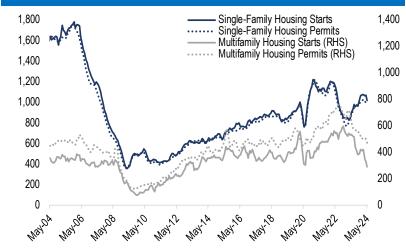
Builder Optimism Fell to Lowest Level Since December 2023 with an Increased Need of Incentives to Drive Sales



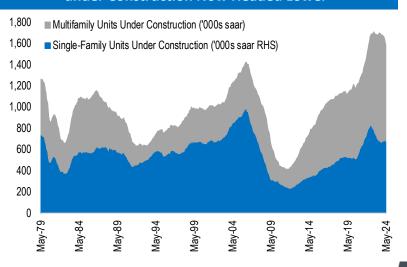
Single-Family Completions Fell in May While the Pace of Starts Declined to a Multi-Month Low



Single-Family Permitting Has Cooled in Recent Months While Multifamily Remained on Downward Trend



Both Single-Family and Multifamily Units under Construction Now Headed Lower





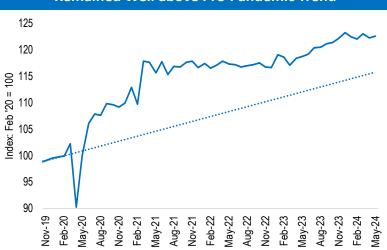
Retail Sales

May Retail Sales Growth Surprised to the Downside with Downward Revisions to Prior Months

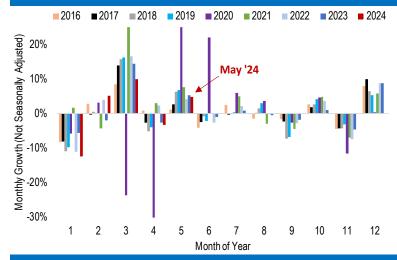


-1.0% May-22 Aug-22 Nov-22 Feb-23 May-23 Aug-23 Nov-23 Feb-24 May-24

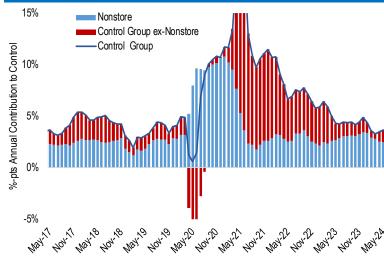
Real (Inflation-Adjusted) Control Group Sales Remained Well above Pre-Pandemic Trend



Restaurant Sales, Key Component for Discretionary Spending, Have Been Weaker Than Seasonal Norms



Online Sales (i.e., Nonstore) Have Been a Key Support to Sales but Even Here, Momentum Is Waning



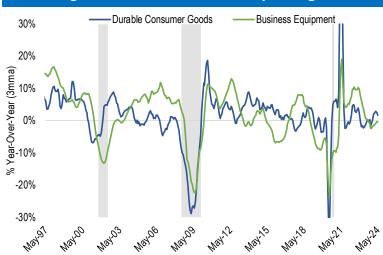


Industrial Production

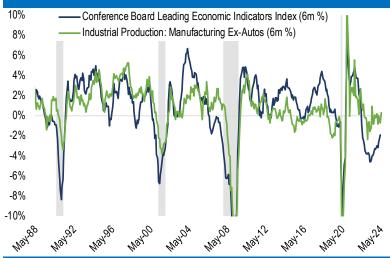
Total Industrial Production Rebounded Strongly in May with Output at Highest Level Since October 2022



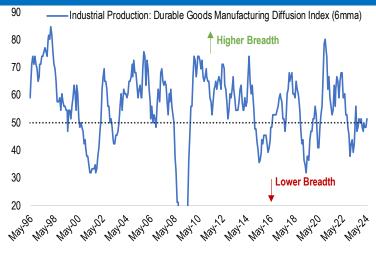
Durable Consumer Goods Production Is Slowing, Matching the Pullback in Consumer Spending on Goods



Manufacturing Ex-Autos Production Was Strong in May but Unclear If Momentum Will Stick



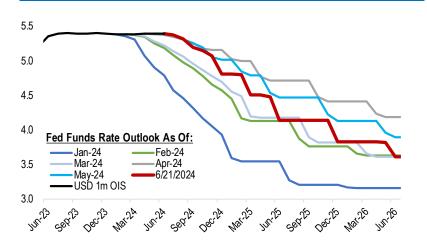
Durable Goods Sectors Showing Broad Strength Led by Wood Products, Electrical Equipment and Machinery



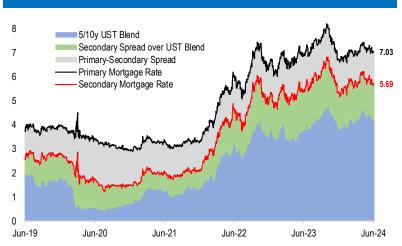


Interest Rates & Mortgage Market

Market Still Pricing in Two Fed Rate Cuts in 2024 (Sept. & Dec.) as Inflation Outlook Unmoved by Last Week's Data



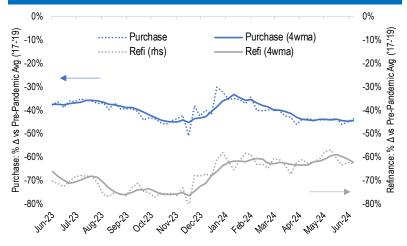
... Which Kept Mortgage Rates Hovering around 7% For Another Week



U.S. Treasury Yields Inched Higher by 3bps Last Week and Mortgage Spreads Were Modestly Lower ...



Mortgage Purchase Applications Have Not Yet Responded Meaningfully to the Recent Decline in Rates



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







Softening Market Conditions Have Rapidly Pulled Down Seasonally Adjusted Home-Price Growth ...



Months' Supply Inched Higher to a New Post-Pandemic Peak, in Line with Early 2020 Level



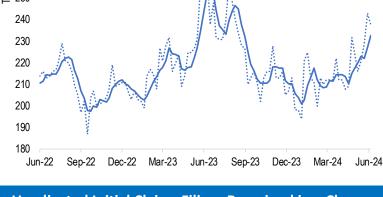
... as the National Median Sales Price Continued to Climb Further above Mid-2022 Peak



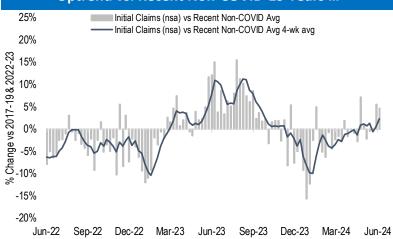


Jobless Claims





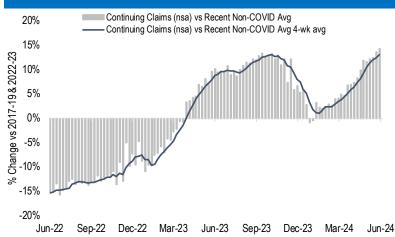
Unadjusted Initial Claims Filings Remained in a Choppy Uptrend vs. Recent Non-COVID-19 Years ...







... and Unadjusted Continuing Claims Now up More Than 14% Relative to Recent Non-COVID-19 Years





Recent Data Releases

Key economic and housing data releases over the prior week:

Date	Indicator	Period	Actual	Consensus	Revised	Prior	Note
6/17/24	Empire Manufacturing	Jun	-6.0	-10.0		-15.6	index, sa
6/18/24	Advance Retail Sales m/m	May	0.1%	0.3%	-0.2%	0.0%	sa
6/18/24	Retail Sales Control Group m/m	May	0.4%	0.5%	-0.5%	-0.3%	sa
6/18/24	Industrial Production	May	0.9%	0.3%		0.0%	m/m, sa
6/18/24	Capacity Utilization	May	78.7%	78.6%	78.2%	78.4%	sa
6/18/24	Business Inventories m/m	Apr	0.3%	0.3%		-0.1%	sa
6/19/24	MBA Mortgage Applications	6/14/24	0.9%			15.6%	w/w, sa
6/19/24	NAHB Housing Market Index	Jun	43	46		45	index, sa
6/20/24	Initial Jobless Claims	6/15/24	238	235	243	242	k, sa
6/20/24	Continuing Claims	6/8/24	1,828	1,810	1,813	1,820	k, sa
6/20/24	Housing Starts	May	1,277	1,370	1,352	1,360	k, saar
6/20/24	Housing Starts m/m	May	-5.5%	0.7%	4.1%	5.7%	sa
6/20/24	Building Permits	May	1,386	1,450		1,440	k, saar
6/20/24	Building Permits m/m	May	-3.8%	0.7%		-3.0%	sa
6/20/24	Philadelphia Fed Business Outlook	Jun	1.3	5.0		4.5	index, sa
6/21/24	S&P Global US Manufacturing PMI	Jun P	51.7	51.0		51.3	index, sa
6/21/24	S&P Global US Services PMI	Jun P	55.1	54.0		54.8	index, sa
6/21/24	S&P Global US Composite PMI	Jun P	54.6	53.5		54.5	index, sa
6/21/24	Conference Board Leading Index	May	-0.5%	-0.3%		-0.6%	m/m, sa
6/21/24	Existing Home Sales	May	4,110	4,100		4,140	k, saar
6/21/24	Existing Home Sales m/m	May	-0.7%	-1.0%		-1.9%	sa

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics

Green = beat expectations; Red = worse than expectations; (compared vs. prior if no consensus estimates available)



UPCOMING DATA RELEASES

Key economic and housing data releases for the coming week:

Date	Indicator	Period	Actual	Consensus	Revised	Prior	Note
6/25/24	Chicago Fed Nat Activity Index	May		-0.25		-0.23	index, nsa
6/25/24	FHFA House Price Index	Apr		0.3%		0.1%	m/m, sa
6/25/24	S&P CoreLogic CS 20-City m/m SA	Apr		0.3%		0.3%	sa
6/25/24	S&P CoreLogic CS 20-City y/y NSA	Apr		7.0%		7.4%	nsa
6/25/24	Conf. Board Consumer Confidence	Jun		100.0		102.0	index, sa
6/26/24	MBA Mortgage Applications	6/21/24				0.9%	w/w, sa
6/26/24	New Home Sales	May		635		634	k, saar
6/26/24	New Home Sales m/m	May		0.2%		-4.7%	sa
6/27/24	GDP Annualized q/q	1Q T		1.4%		1.3%	saar
6/27/24	Personal Consumption q/q	1Q T		2.0%		2.0%	saar
6/27/24	Core PCE Deflator q/q	1Q T		3.6%		3.6%	saar
6/27/24	Initial Jobless Claims	6/22/24		235		238	k, sa
6/27/24	Continuing Claims	6/15/24		1,828		1,828	k, sa
6/27/24	Durable Goods Orders	May P		-0.5%		0.6%	m/m, sa
6/27/24	Cap Goods Orders Nondef Ex Air	May P		0.1%		0.2%	m/m, sa
6/27/24	Pending Home Sales m/m	May		0.6%		-7.7%	sa
6/27/24	Pending Home Sales y/y	May				-0.8%	nsa
6/28/24	Personal Income	May		0.4%		0.3%	m/m, sa
6/28/24	Personal Spending	May		0.3%		0.2%	m/m, sa
6/28/24	Real Personal Spending	May		0.3%		-0.1%	m/m, sa
6/28/24	PCE Inflation m/m	May		0.0%		0.3%	sa
6/28/24	PCE Inflation y/y	May		2.6%		2.7%	nsa
6/28/24	PCE Core Inflation (ex Food and Energy) m/m	May		0.1%		0.2%	sa
6/28/24	PCE Core Inflation (ex Food and Energy) y/y	May		2.6%		2.8%	nsa
6/28/24	U. of Mich. Sentiment	Jun F		66.0		65.6	index, nsa
6/28/24	U. of Mich. 1 Yr Inflation	Jun F		3.2%		3.3%	nsa
6/28/24	U. of Mich. 5-10 Yr Inflation	Jun F		3.1%		3.1%	nsa

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics