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Trying Times

- Key Takeaway: Light data week showcased growing divergence between existing and new home sales, with upside centered on new homes for now.
- Macro Implications: Depressed housing activity already near rock-bottom levels but drag on overall economy set to remain through Q4.
- Housing Implications: Continued surge in mortgage rates kept a damper on housing demand, with new home incentives the only source of relief.

Macro: Get Ready to Fly Blind with Muddled Jobs Release Ahead

- Upside for home sales still limited to new home segment until rates drop.
- · Continuing claims kept inching higher as labor demand remained soft.
- Fed's report on business activity suggests cooler growth through early Oct.

Rates: Hitting a Ceiling?

- 10-year UST yield rose 13bps on the week to 4.21%, highest level since July.
- Higher neutral rate and inflation expectations keeping 10y yield above 4%.
- Market sees a rate cut as a lock next week, but only ~75% odds of a cut in Dec.

Mortgage Market: Here We Go Again

- Mortgage rates continued ascent but will pivot lower by year-end.
- Purchase and refi applications have turned sharply lower recently.
- Buyers remain frustrated with affordability relief set to materialize slowly.

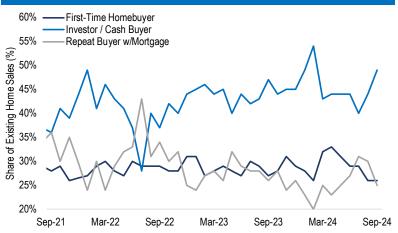
Existing Home Sales: So Much for Rate Relief

- Existing home sales down -1.0% m/m in September and -3.5% annually.
- Inventory rose 6% annualized in Q3 compared to the -15% drop in sales.
- Months' supply up 28% y/y to 4.0 (sa), back above 2019 levels.

New Home Sales: Only Game in Town

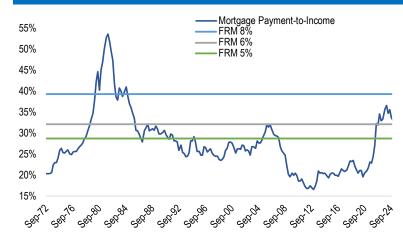
- Sept. new home sales rose 4.1% m/m and 6.3% y/y.
- Months' supply of completed homes up to 3.8 months.
- Builders remain focused on managing affordability with incentives.

Look No Further Than the Drop in First-Time and Repeat Buyer Shares of Home Sales to Gauge Lost Momentum



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

For Housing Demand to Recover, Something Has to Give ... Will It Be Home Prices or Rates?



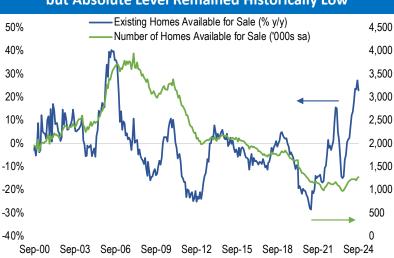


Existing Home Sales

Existing Home Sales Muddling Along at Below-Trend Pace with only Modest Upside Near-Term

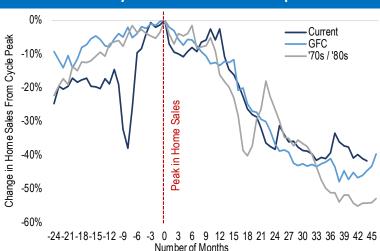


Inventory Inched Higher in September but Absolute Level Remained Historically Low

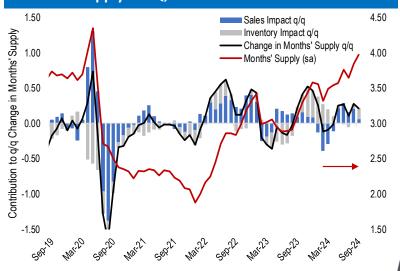


Sources: NAR. Arch Global Economics

Existing Home Sales Dipped Lower (Again) as Buyer Interest Remained Tepid



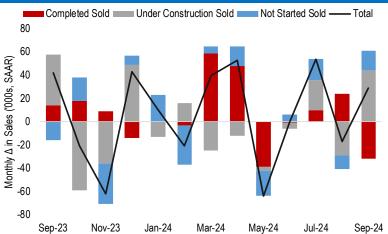
Inventory was the Biggest Contributor to the Rise in Months' Supply in 3Q, Which Is Now above 2019 Level



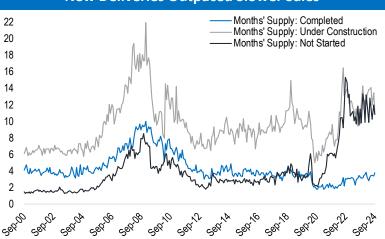


New Home Sales





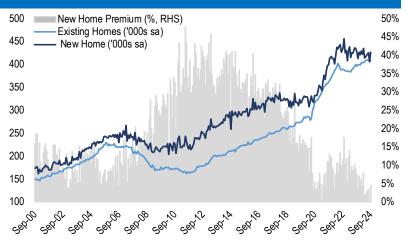
Months' Supply Only Rose for Completed Segment as New Deliveries Outpaced Slower Sales



Completed Homes Rising as Share of New Homes for Sale, but Still Selling Quickly Once Completed

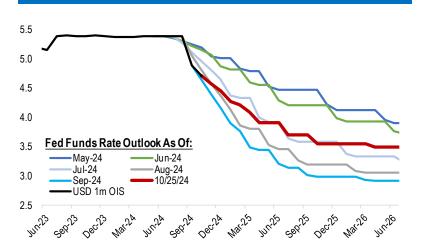


National New Home Premium Still Under 5% in Sept. but Should Rise amid Slower Price Growth in Resale Market



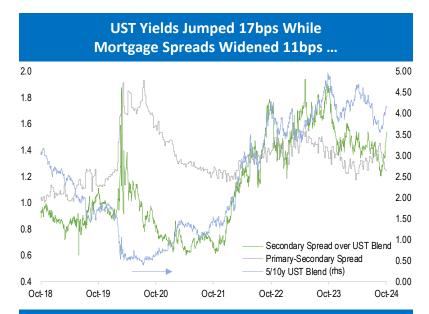


Market Still Sees 25bps Cut Next Week as a Lock, but Just ~75% Odds of Another Cut in December

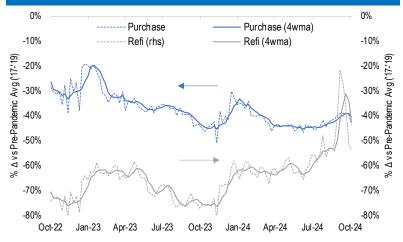


... Which Lifted Implied Mortgage Rates by Another ~30bps Just Six Weeks after Reaching a Two-Year Low





Mortgage Purchase Apps Turned Lower Along with Refi Apps, Which Continued Recent Decline



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







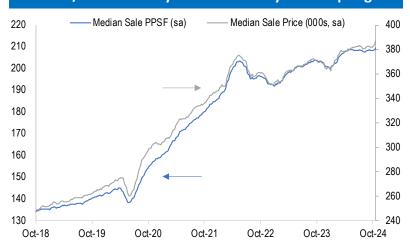
Softer Market Conditions Have Continued to Weigh on Seasonally Adjusted Quarterly Home-Price Growth ...



... Which Kept Months' Supply in Check as Inventory Moved Sideways



... and the Seasonally Adjusted National Median Sales Price/SF Has Mostly Moved Sideways Since Spring





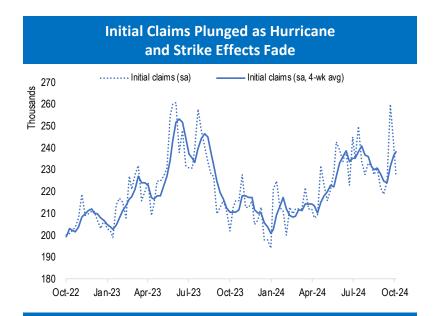
With National Market Near Pre-COVID-19 Balance, Some Markets Are Becoming Increasingly Oversupplied

Metro	Median Sale Price Per Square Foot (y/y)		Median List Price Per Square Foot (y/y)		Active Listings with Price Drops		Average Sale-to-List Ratio		Median Days on Market vs Pre-COVID		Total Active Listings	Months' Supply vs Pre-COVID	
	Current	(∆ q/q, ppt)	Current	(∆ q/q, ppt)	Current	(∆ y/y, ppt)	Current	(∆ y/y, ppt)	Current	Year Ago	(y/y)	Current	Year Ago
All Redfin Metros	3.0%	-0.3%	5.3%	1.1%	6.5%	0.6%	98.8%	-0.3%	-10.1	-16.8	15%	-3%	-17%
Atlanta	1.9%	-0.1%	2.9%	1.1%	7.0%	0.9%	98.2%	-0.5%	10.9	-6.1	0%	-7%	-8%
Austin	-2.6%	1.7%	0.2%	3.7%	8.9%	-0.2%	97.2%	-0.1%	31.3	24.9	6%	67%	51%
Baltimore	4.5%	0.6%	5.2%	0.2%	7.6%	0.9%	100.5%	-0.5%	-10.3	-18.5	16%	-29%	-37%
Boston	3.2%	-1.8%	6.5%	0.9%	6.4%	0.6%	101.2%	-0.8%	1.8	-0.2	14%	-14%	-19%
Chicago	5.8%	-1.1%	6.3%	1.2%	4.5%	1.4%	99.2%	-0.4%	12.3	9.6	-6%	-23%	-22%
Dallas	-0.5%	-0.7%	3.0%	2.1%	8.9%	0.9%	97.6%	-0.5%	7.0	-4.8	28%	18%	-3%
Denver	0.8%	1.5%	1.3%	-0.7%	10.3%	0.1%	98.8%	-0.3%	12.6	0.7	33%	51%	24%
Houston	1.3%	-0.4%	4.5%	2.0%	8.1%	1.6%	97.0%	-0.6%	-3.0	-13.5	12%	1%	-5%
Los Angeles	3.3%	-1.8%	2.2%	-1.4%	4.8%	1.1%	100.2%	-0.4%	0.2	-7.8	23%	15%	0%
Miami	3.9%	-0.4%	9.1%	7.5%	4.2%	0.8%	95.9%	-0.8%	6.7	-7.8	32%	34%	-28%
Minneapolis	1.5%	-0.6%	3.0%	-0.2%	8.2%	1.1%	99.4%	-0.7%	-1.3	-6.5	9%	3%	-6%
Nashville	1.1%	-1.0%	3.3%	3.4%	5.9%	1.1%	98.2%	0.1%	7.6	2.1	18%	16%	0%
New York	6.0%	-0.9%	10.9%	3.4%	4.0%	0.4%	99.9%	0.3%	-34.3	-14.6	-9%	-24%	-23%
Phoenix	-0.3%	-2.9%	3.6%	2.1%	7.5%	-0.2%	98.3%	-0.2%	13.5	-1.3	34%	40%	20%
Portland	0.3%	0.2%	0.8%	-1.0%	8.4%	1.4%	99.6%	0.3%	7.6	-0.1	10%	15%	17%
Riverside	4.0%	-0.6%	4.9%	-0.6%	5.4%	0.5%	99.3%	-0.4%	-9.9	-17.4	22%	11%	-5%
San Diego	3.5%	-1.1%	4.6%	-0.2%	6.9%	2.0%	99.3%	-0.6%	0.3	-12.0	43%	6%	-22%
Seattle	3.7%	-4.1%	7.1%	3.6%	7.9%	0.6%	100.1%	0.1%	-1.6	-5.8	27%	1%	-7%
Tampa	-5.0%	-4.5%	-3.6%	-2.8%	5.8%	-3.8%	97.2%	-0.6%	6.8	-11.8	28%	150%	2%
Washington DC	5.4%	-0.4%	5.6%	2.0%	5.9%	0.6%	100.2%	0.1%	1.5	-1.9	10%	-10%	-12%

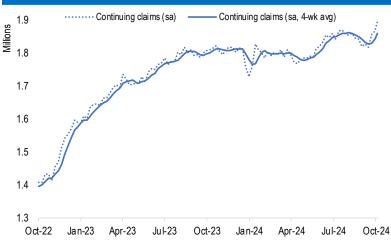
Data as of Oct. 20, 2024, and reflects 4-week averages.



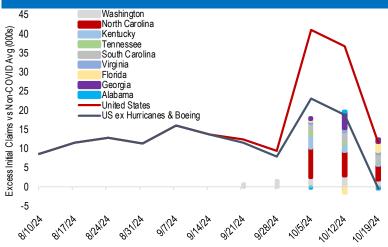
Jobless Claims



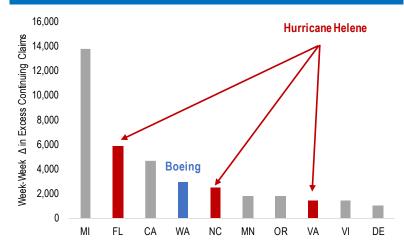
Hurricane and Strike Helped Push up Continuing Claims Again, Reaching New Multi-Year High ...



Excluding Transitory Effects, Initial Claims Declined to One of Best Weeks of the Year vs. Non-COVID-19 Norm



... But Michigan and Non-Hurricane States Continued to Dominate Upward Pressure on Continuing Claims





UPCOMING DATA RELEASES

Key economic and housing data releases for the coming week:

Date	Time	Indicator	Period	Actual	Consensus	Revised	Prior	Note
0/29/24	9:00 AM	FHFA House Price Index m/m	Aug		0.1		0.1	%, sa
0/29/24	9:00 AM	S&P CoreLogic CS 20-City m/m SA	Aug		0.2		0.3	%, sa
0/29/24	9:00 AM	S&P CoreLogic CS 20-City y/y NSA	Aug		5.1		5.9	%, nsa
0/29/24	10:00 AM	JOLTS Job Openings	Sep		8,000		8,040	k, sa
0/29/24	10:00 AM	Conf. Board Consumer Confidence	Oct		99.5		98.7	index, sa
0/30/24	7:00 AM	MBA Mortgage Applications w/w	Oct 25				-6.7	%, sa
0/30/24	8:15 AM	ADP Employment m/m	Oct		110		143	k, sa
0/30/24	8:30 AM	GDP Annualized q/q	3Q A		3.0		3.0	%, saar
0/30/24	8:30 AM	Personal Consumption q/q	3Q A		3.3		2.8	%, saar
0/30/24	8:30 AM	Core PCE Deflator q/q	3Q A		2.0		2.8	%, saar
0/30/24	10:00 AM	Pending Home Sales m/m	Sep		1.9		0.6	%, sa
0/31/24	8:30 AM	Employment Cost Index q/q	3Q		0.9		0.9	%, sa
0/31/24	8:30 AM	Personal Income m/m	Sep		0.3		0.2	%, sa
0/31/24	8:30 AM	Personal Spending m/m	Sep		0.4		0.2	%, sa
0/31/24	8:30 AM	Real Personal Spending m/m	Sep		0.3		0.1	%, sa
0/31/24	8:30 AM	PCE Inflation m/m	Sep		0.2		0.1	%, sa
0/31/24	8:30 AM	PCE Inflation y/y	Sep		2.1		2.2	%, nsa
0/31/24	8:30 AM	PCE Core Inflation (ex Food and Energy) m/m	Sep		0.3		0.1	%, sa
0/31/24	8:30 AM	PCE Core Inflation (ex Food and Energy) y/y	Sep		2.6		2.7	%, nsa
0/31/24	8:30 AM	Initial Jobless Claims	Oct 26		230		227	k, sa
0/31/24	8:30 AM	Continuing Claims	Oct 19		1,880		1,897	k, sa
11/1/24	11:00 AM	Wards Total Vehicle Sales	Oct		15.8		15.8	m, saar
11/1/24	8:30 AM	Nonfarm Payrolls m/m	Oct		110		254	k, sa
11/1/24	8:30 AM	Private Payrolls m/m	Oct		75		223	k, sa
11/1/24	8:30 AM	Unemployment Rate	Oct		4.1		4.1	%, sa
11/1/24	8:30 AM	Average Hourly Earnings m/m	Oct		0.3		0.4	%, sa
11/1/24	8:30 AM	Average Hourly Earnings y/y	Oct		4.0		4.0	%, nsa
11/1/24	8:30 AM	Average Weekly Hours All Employees	Oct		34.2		34.2	sa
11/1/24	8:30 AM	Labor Force Participation Rate	Oct		62.7		62.7	%, sa
11/1/24	9:45 AM	S&P Global US Manufacturing PMI	Oct F		47.8		47.8	index, sa
11/1/24	10:00 AM	ISM Manufacturing	Oct		47.6		47.2	index, sa

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics



Recent Data Releases

Key economic and housing data releases over the prior week:

Date	Time	Indicator	Period	Actual	Consensus	Revised	Prior	Note
10/21/24	10:00 AM	Conference Board Leading Index m/m	Sep	-0.5	-0.3	-0.3	-0.2	%, sa
10/22/24	10:00 AM	Richmond Fed Manufact. Index	Oct	-14	-17		-21	index, sa
10/23/24	7:00 AM	MBA Mortgage Applications w/w	Oct 18	-6.7			-17.0	%, sa
10/23/24	10:00 AM	Existing Home Sales	Sep	3.8	3.9	3.9	3.9	m, saar
10/23/24	10:00 AM	Existing Home Sales m/m	Sep	-1.0	0.5	-2.0	-2.5	%, sa
10/24/24	8:30 AM	Chicago Fed Nat Activity Index	Sep	-0.28	0.50	-0.01	0.12	index, nsa
10/24/24	8:30 AM	Initial Jobless Claims	Oct 19	227	241.5	242.0	241.0	k, sa
10/24/24	8:30 AM	Continuing Claims	Oct 12	1,897	1,875	1,869	1,867	k, sa
10/24/24	9:45 AM	S&P Global US Manufacturing PMI	Oct P	47.8	47.5		47.3	index, sa
10/24/24	9:45 AM	S&P Global US Services PMI	Oct P	55.3	55.0		55.2	index, sa
10/24/24	9:45 AM	S&P Global US Composite PMI	Oct P	54.3	53.8		54.0	index, sa
10/24/24	10:00 AM	New Home Sales	Sep	738	720	709	716	k, saar
10/24/24	10:00 AM	New Home Sales m/m	Sep	4.1	0.6	-2.3	-4.7	%, sa
10/24/24	11:00 AM	Kansas City Fed Manf. Activity	Oct	-4.0	-7.0		-8.0	sa, index
10/25/24	8:30 AM	Durable Goods Orders m/m	Sep P	-0.8	-1.0	-0.8		%, sa
10/25/24	8:30 AM	Cap Goods Orders Nondef Ex Air m/m	Sep P	0.5	0.1		0.3	%, sa
10/25/24	10:00 AM	U. of Mich. Sentiment	Oct F	70.5	69.0		68.9	index, nsa
10/25/24	10:00 AM	U. of Mich. 1 Yr Inflation	Oct F	2.7	2.9		2.9	nsa
10/25/24	10:00 AM	U. of Mich. 5-10 Yr Inflation	Oct F	3.0	3.0		3.0	nsa

Sources: Bloomberg Consensus Survey of Economists, Arch Global Economics

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