

## China & Hong Kong Local Markets Mid-Year Outlook

Upsize UW CNY FX; neutral in CNY rates ahead of July Politburo meeting; stay received 3y HKD IRS

2023 Institutional Investor  
II Global Fixed Income Research Survey

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### Emerging Markets Strategy

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### Executive Summary

- CNY FX: Leaning bearish.** Our bearish view on CNY FX in the coming months is predicated on the belief that core drivers of CNY weakness in the first half look unlikely to subside meaningfully before year-end, accounting for a bumpy economic recovery, the persistence of negative carry and limited positive delta from the BoP perspective in 2H. The shifting narratives on DXY affect the expression of CNY weakness, but do not necessarily change the bearish view itself. Of note, a weaker dollar could favor switching from long USD/CNY to short CNY TWI to position for further CNY weakness. We lean bearish on the yuan in 2H and upsize UW CNY position in GBI-EM from -0.5% to -1% (vs. OW in THB and IDR) after the recent rally.
- CNY rates: Tactically neutral ahead of the July Politburo meeting.** A bumpy recovery and dovish PBoC still favor duration longs on upticks in yields in 2H. Supply pressures are expected to pick up, but shouldn't be a primary risk to rates, assuming the PBoC stays accommodative. Intermediate yields look to have room to outperform amid larger issuance, as the CGB 10s30s looks too flat relative to a steep 1s10s. The upcoming Politburo meeting presents a non-negligible event risk of greater-than-expected fiscal support. The reduced valuation appeal of bonds as well as risks of a yield reversal if/as China data surprises bottom out keep us neutral for the time being, while we wait for the policy uncertainty to settle in the coming weeks.
- Hong Kong FX and rates:** Market pricing now looks for a deeper inversion of HKD-USD rates in the second half, a trend broadly consistent with price actions observed around previous Fed pauses. This should be helped by a normalization in Hibor rates after its back-up in 2Q: 3m Hibor screens ~40bp too high vs. our model and should see some relief as seasonal drags start to fade. Overall, the path of least resistance looks still for HKD rates to drop and outperform USD rates amid a continued retracement lower in core rates after this week's U.S. CPI data. We stay received 3y HKD IRS. For HKD FX, USD/HKD is likely to remain above the midpoint of the trading band in 2H, and a re-test of 7.85 is still possible.

### Current trade recommendations

Current outright trades	Entry date	Entry	Current	P&L	Relevant note
Receive 3y HKD IRS	28-Oct-2022	4.61	4.17	+34	<a href="#">Note</a>
GBI-EM Model Portfolio	Positions	Weight			
CNY FX	UW	-1.0% ↑			
CNY bonds	MW	-			

Source: J.P. Morgan.

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## CNY FX: Leaning bearish; upsize UW CNY FX in GBI-EM

**An early upending of the China reopening rally in 1H23.** Markets started 2023 with consensus bullishness on China-linked assets, as Beijing’s late-year decision to end the Covid-zero policy in 2022 bolstered hopes of a strong post-reopening economic rebound. While China did deliver impressive growth in the first quarter, optimism around an extended recovery faded rather quickly: Starting from early February, China-linked assets reversed course and have given back on average 66% of the post-reopening rally since then ([Figure 1](#)). At the start of the year, our assessment of the reopening impulse to CNY FX was a cautious one: We noted that reopening was double-edged for CNY FX, taking into account the cross-currents of cyclical optimism and a worsening BoP outlook post-reopening ([note](#)), and we advocated instead for long THB FX as a cleaner China reopening play in the FX space ([note](#)). Although such a cautious CNY view has largely played out, in hindsight, we appeared to be too conservative about the scope and breath of CNY weakness in 1H23. In particular, the downward adjustment in the CFETS TWI, which has corrected to below its post-Covid extremes, looks more acute than other China-linked assets, partly underscoring the cautiousness that has continued to overwhelm the FX market.

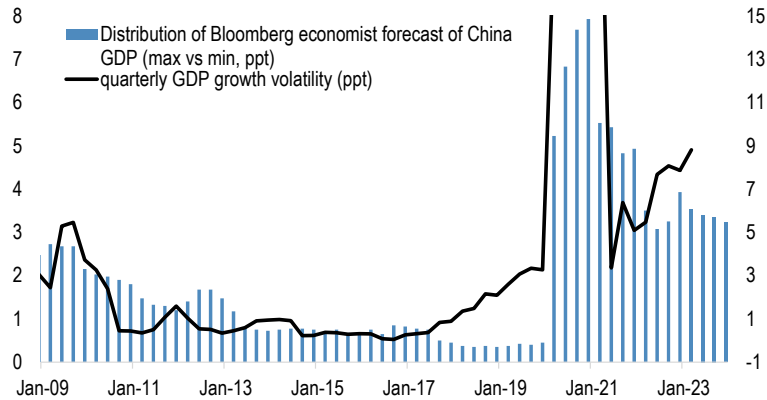
**Figure 1: China-linked assets have given back on average 66% of post-reopening gains**

	4Q22 Covid trough	Post-reopening peak	Current level	Trough to peak change	Post-reopening peak to current	Retracement
USD/CNH	7.343	6.7139	7.1495	-8.6%	6.5%	-76%
CNY TWI	96.6	100.9	95.8	4.4%	-5.0%	-114%
CSI300	3508.7	4201.4	3901.0	19.7%	-7.1%	-36%
HSCEI	4938.6	7773.6	6561.8	57.4%	-15.6%	-27%
MSCI China	47.6	75.8	63.1	59.3%	-16.7%	-28%
1y CGB yield	1.73	2.33	1.81	59.9%	-52.1%	-87%
10y CGB yield	2.64	2.93	2.65	29.0%	-28.7%	-99%
1y NDIRS	1.91	2.47	2.04	56.4%	-43.9%	-78%
5y NDIRS	2.39	3.00	2.44	60.9%	-55.3%	-91%
Brent oil	76.1	88.2	81.6	15.9%	-7.5%	-47%
Industrial Metal	142.2	178.8	147.6	25.7%	-17.5%	-68%
					average	-66%

Source: Bloomberg Finance L.P., J.P. Morgan.

**Growth and policy uncertainty in China have become a new norm in the post-Covid era.** The sharp turnaround in growth momentum was at the core of greater-than-expected CNY weakness in 1H23. While CNY FX used not to be a growth-sensitive currency, given capital account controls and heavy central bank intervention, China’s cyclical outlook has become increasingly important in driving currency moves in recent years, evidenced by more synchronized moves in the J.P. Morgan China forecast revision index (FRI) and USD/CNY. Greater FX vs. growth sensitivity in a large part owes to structurally higher GDP volatility post-Covid. As growth forecasts of economists have become more divided ([Figure 2](#)), room has opened up for financial markets to monetize greater cyclical noise. Reduced predictability of China’s growth is also rooted in a fundamentally different economic and policy framework as policy makers switch gears to focus more on long-term transformation, rather than short-term cyclical movements. As the cross-cycle focus of policy-making adds risks of policy under-delivery compared to the old scheme of big bang stimulus, markets are adapting to the new policy framework by adjusting lower expectations on policy support, which is not friendly for risk markets.

**Figure 2: Growth volatility in China has become structurally higher post-Covid, with less consensus around economist GDP forecasts**

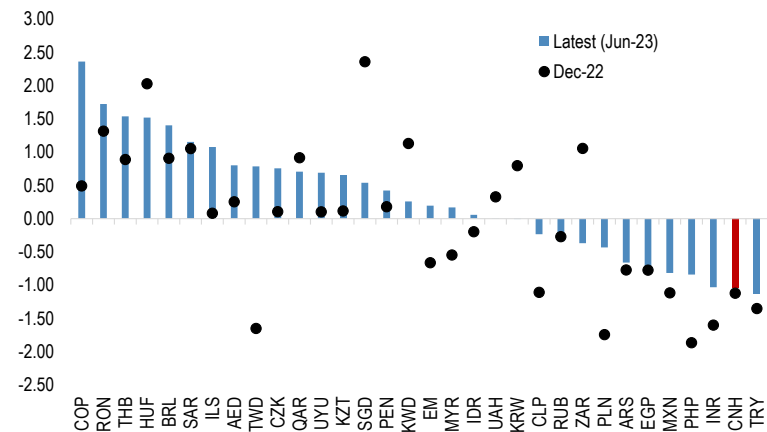


Source: Bloomberg Finance L.P., J.P. Morgan.

**There is hope, but the bar to reverse CNY FX weakness remains high in 2H23.** The good news for CNY FX heading into 2H23 is that positioning starts from sufficiently bearish levels: As of June, CNY FX ranks the most UW EM FX (excl. TRY), according to our [EM Client Survey](#) ([Figure 3](#)), with the positioning score hovering around post-2016 lows. Associated with the bearish positioning, CNY FX also starts the second half being cheap/fair, a big contrast to a rich valuation at the turn of the year. USD/CNY was once 1.8% or 1.4 s.d. too high against rate differentials ([Figure 4](#)) in 2Q23 before the gap narrowed to 0.3% or 0.2 s.d., and the CFETS TWI is also multi-sigma too cheap vs. China’s terms of trade ([Figure 5](#)). Against this backdrop, a technical relief rally isn’t entirely out of reach: The short-covering this week amid recent DXY weakness has largely closed CNY’s dislocation against rate differential models. However, in our view, going forward, the bar to reverse CNY weakness remains high in 2H23. As we list below, a number of things will have to line up to turn the tide.

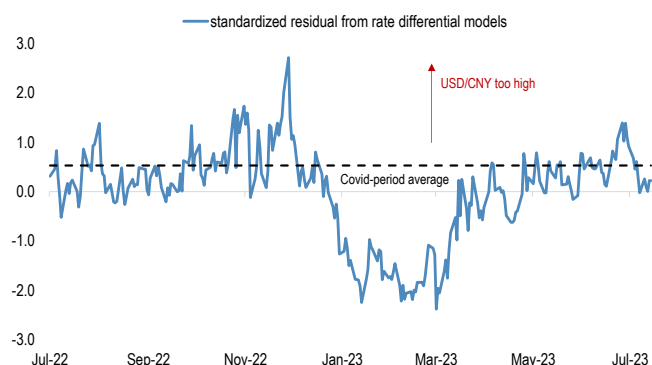
**Figure 3: CNY FX is the most UW EM FX (excl. TRY)**

FX positioning score from EM Client Survey, 10y z-score



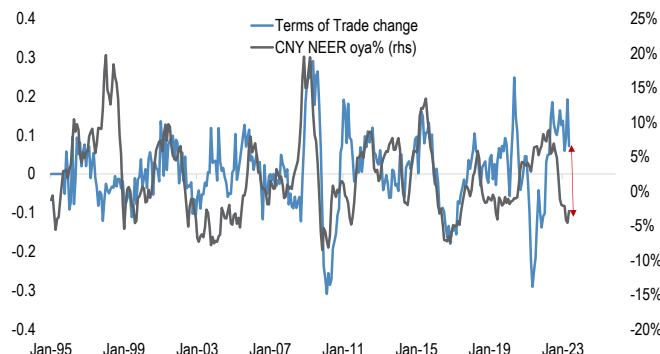
Source: J.P. Morgan.

Figure 4: USD/CNY starts 2H23 being about fair, rather than too low, vs. the rate differential models



Source: Bloomberg Finance L.P., J.P. Morgan.

Figure 5: The CFETS basket should trade higher based off China's terms of trade



Source: Wind, J.P. Morgan.

**First, policy makers will have to over-deliver to prompt a China FRI upturn 1H23, a key domestic support necessary for CNY strength.** Our economists have marked down their 2023 GDP growth target to 5.5% ([note](#)), but FX markets take their cue more from revisions and/or surprises in growth, rather than the GDP number itself. In that vein, the slightly better growth path in 2H forecasted by J.P. Morgan economists (Q3: 4.9% q/q saar, Q4: 5.5% q/q saar) vs. Q2 (1.2% q/q saar) likely already bakes in some degree of targeted policy support ([note](#)), implying that a material upturn in growth revisions and risk markets in H2 will require policy makers to over-deliver. Short-circuiting ongoing CNY weakness by boosting the growth outlook will not be straightforward, however, partly because such stimulus over-delivery may yet not be forthcoming in light of the aforementioned cross-cycle policy-making and a more constrained room of easing after previous cycles of debt build-up. Also, the scope and durability of any stimulus-related rally will be highly dependent on the size and composition of policy measures ([Figure 6](#)). Specifically, growth support from monetary easing will be CNY-negative, while only fiscal measures (e.g., special CGB issuance to support consumption or others) and stronger-than-expected property market support are positive policy surprises that could generate more cyclical impulse for CNY FX.

Figure 6: Potential policy actions to support growth

	Mildly positive/market expectation	Positive surprise
Monetary policy	<ul style="list-style-type: none"> <li>25bp RRR cut</li> <li>Target measures to lower financing costs, like pushing for deposit rate cut etc</li> <li>Structural monetary support for targeted sectors to continue</li> </ul>	<ul style="list-style-type: none"> <li>One or two more OMO/MLF rate cut</li> <li>Monetization of quasi-fiscal tools (eg. PSL)</li> </ul>
Fiscal policy	<ul style="list-style-type: none"> <li>Tax rebate for targeted industries to continue</li> <li>Speed up issuance of this year's LGB quota</li> <li>Local level and/or product-specific consumption support</li> </ul>	<ul style="list-style-type: none"> <li>Increase of LGB quota or reuse of previous years' leftovers</li> <li>Special CGB issuance to support consumption, high-end manufacturing or even infrastructure or housing</li> </ul>
Property	<ul style="list-style-type: none"> <li>Local level demand side support (eg. quota, mortgage etc)</li> </ul>	<ul style="list-style-type: none"> <li>Nation-wide relaxation on demand side restrictions especially in Tier-I cities</li> <li>Relaxation on three-red lines</li> </ul>
Other industrial policy	<ul style="list-style-type: none"> <li>Tight policy to further unwind for sectors that were hit heavily (tech, education, gaming etc)</li> </ul>	<ul style="list-style-type: none"> <li>All around support or clear high-level policy reassurance to support private sector development like Xi's meeting with private entrepreneurs in late 2018</li> </ul>

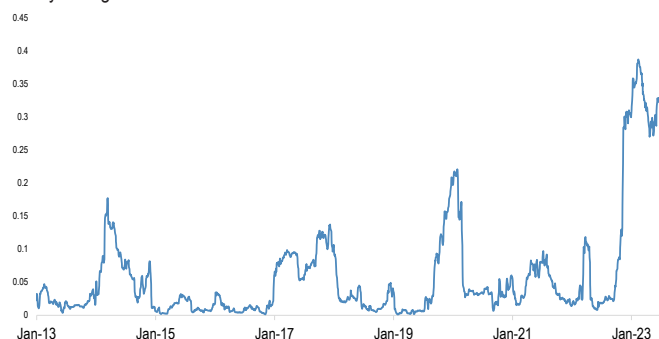
Source: Bloomberg Finance L.P., J.P. Morgan.

**Second, appetite for CNY selling could remain strong as long as FX carry trades have legs.** A key condition backstopping the weakness in CNY FX since last year is the widening yield differentials between RoW and China as the FX-nominal rates correlation has risen to decade highs ([Figure 7](#)). Assuming that this rate anchor stays intact, a trend reversal in CNY weakness will require a re-convergence in nominal

yields. Considering far greater volatility in rate markets elsewhere, a positive China growth impulse alone may not be sufficient to trigger such a spread move, leaving a fall in rates elsewhere necessary to do the heavy lifting. With China's nominal yields at sub-3%, nearly 2% below the CFETS basket yield (Figure 8), CNY FX serves as a good funder for well-subscribed carry trades, evidenced by investors' UW CNY FX and OW high-yielders in LatAm and EMEA (Figure 3). While we see the medium-term shelf life for FX carry trades shrinking ([FX Mid-year Outlook: Ten questions \(and answers\) on FX in 2H23](#)), it is not expected to run out of steam until 2024, when the macro context becomes more conducive for global central bank cuts. The fact that FX carry trades could still have scope to perform in 2H23, coupled with residual uncertainties around the peak Fed terminal rate, could continue to pressure CNY FX on the weak side, as the appetite for CNY shorts is unlikely to fully subside in 2H23.

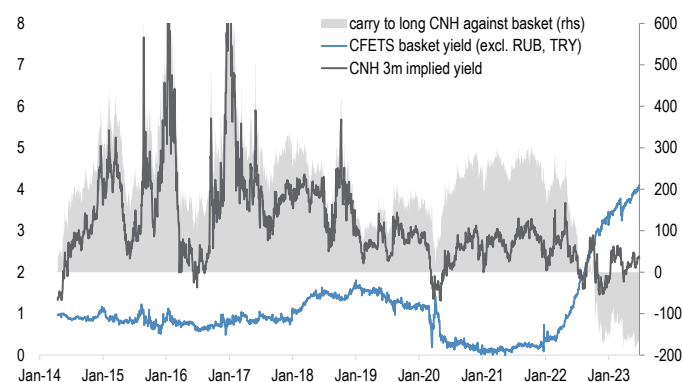
**Figure 7: The FX-nominal rates correlation in China has risen to a decade high since last year**

Rolling 6m R-square of USD/CNH and nominal U.S.-China rate differentials using weekly changes



Source: Bloomberg Finance L.P., J.P. Morgan.

**Figure 8: Carry to short CNY remains favorable**



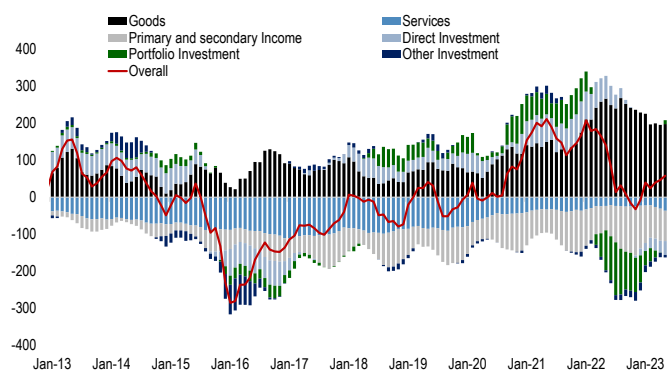
Source: Bloomberg Finance L.P., J.P. Morgan.

**BoP flows are unlikely to offer much positive delta in 2H.** China's BoP flows in 1H23 were a mixed bag. Net cross-border inflows improved from late 2022 levels (Figure 9), helped by greater-than-expected equity inflows, a slower pickup in service deficit, and slower-than-expected other investment outflows. Goods trade surplus has also stayed well above pre-Covid norms despite being on a broad narrowing path since mid-2022. However, bond outflows have continued at a monthly run rate similar to 2H22 levels, while net FDI outflows have accelerated noticeably, adding a pocket of stress. Of note, net FDI outflows totaled \$35bn for the first five months of this year, according to SAFE data on cross-border flows, a sharp reversal from over \$40bn of inflows for the same period last year, and marks the fastest net FDI outflows since 2016. Part of the acceleration in net FDI outflows may be attributable to the broad trend of slowdown in global deal-making in 2023: OECD noted that cross-border M&A activities globally declined further in 1Q23 from 2022 levels (link), which is also the trend observed in China. In the meantime, a continued payback of booming FDI inflows to China during Covid times, declining corporate profits and ongoing geopolitical concerns could have also contributed to slower foreign investment this year. A likely continuation of the trend, coupled with a further pickup in outbound tourism, could add outflow pressures in the second half: Assuming service-related outflows normalize further, to 75% of pre-Covid norms (from ~50% currently), it could add ~\$4bn more outflows every month (Figure 10). Taking into account potential further narrowing in China's goods trade surplus, China's basic balance is destined for a deterioration in the second half. The

hope lies in better portfolio inflows, but a meaningful improvement will require proof of a cyclical upturn (for equity inflows) and/or a recovery of China’s yield advantage (for bond inflows), beyond hopes of some relief on the geopolitical front, all of which remain uncertain. Taken together, we think positive delta for CNY FX looks rather limited from a BoP perspective (Figure 11).

Figure 9: China’s net BoP flows recovered from 2022 lows in 1H23

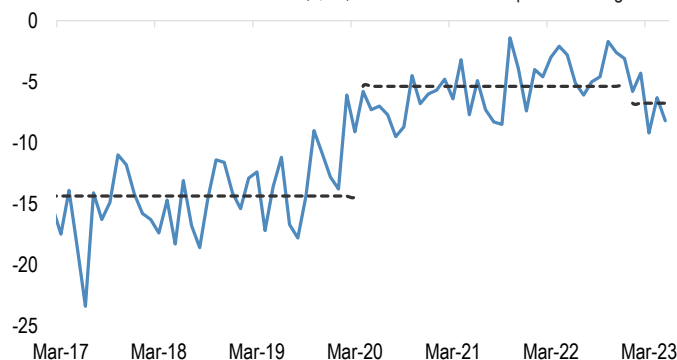
Net cross-border flows, \$bn, 6m sum



Source: SAFE, J.P. Morgan.

Figure 10: Tourism-related service outflows are yet to fully normalize to pre-Covid levels

Service-related net cross-border flows, \$bn, dotted line indicates period average



Source: SAFE, J.P. Morgan.

Figure 11: BoP flows are unlikely to offer big positive delta for CNY FX in 2H23

\$bn, JPMe for 1H23

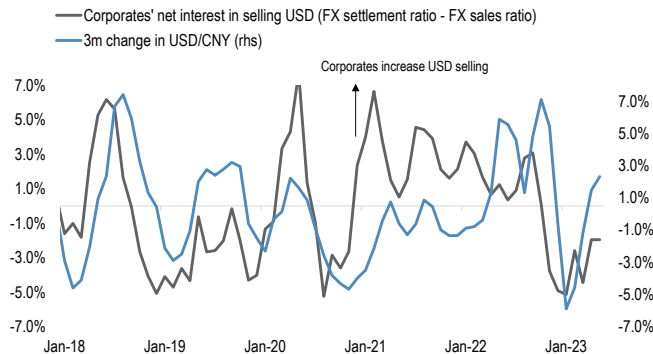
	2015	2016	2017	2018	2019	2020	2021	2022f	2023f	1H23e	2023f-new
Current account flows	293	191	189	24	103	249	353	402	160	144	262
Net FDI flows	68	-42	28	92	50	99	165	30	50	-43	-70
Capital account flows	-66	-52	29	107	58	96	51	-281	-165	-78	-135
Equity inflows	15	23	36	61	45	80	83	34	45	35	55
Bond inflows	-8	27	88	100	102	166	94	-142	-50	-50	-70
Portfolio outflows	-73	-103	-95	-54	-89	-151	-125	-173	-160	-62	-120
Other outflows&residual of w/: E&O	-638	-541	-154	-204	-230	-415	-381	-51	-150	-43	-90
	-202	-219	-207	-177	-129	-159	-134	-91	-120	-20	-50
<b>Overall BoP</b>	<b>-343</b>	<b>-443</b>	<b>92</b>	<b>19</b>	<b>-19</b>	<b>29</b>	<b>188</b>	<b>100</b>	<b>-105</b>	<b>-19</b>	<b>-33</b>
memo. BoP inflows (CA+FDI+gross FPI inflows+E&O)	166	-18	134	99	171	436	560	234	85	66	127

Source: Bloomberg Finance L.P., J.P. Morgan.

**Whether/when would the stockpile of corporate dollars come to the rescue for CNY FX?** USD supply from Chinese corporates on spikes in USD/CNY used to be an important organic stabilizer for CNY FX. However, a regime shift since last year is that exporters have become increasingly under-hedged (Figure 12), leaving China’s elevated trade surplus failing to provide CNY much protection against the bearish trend. On our calculation, the “excess” dollar savings from Chinese corporates, defined as the unsettled foreign income from goods trade stripping out the part that’s settled directly in RMB, has accumulated to ~\$242bn over the past year, with \$146bn and \$97bn parked in onshore and offshore markets, respectively (Figure 13). On the positive side, the unhedged USD savings can be interpreted as FX conversions delayed, rather than cancelled, so a drawdown of sizable excess USD savings from corporates could eventually become a tailwind for CNY strength, but only when conditions become more conducive. The recent cut in onshore USD deposit rate is helpful at the margin, but a deeply inverted FX forward curve leaves hedging still costly for corporates. With the first Fed cut not expected until 2024, corporate flows might continue to stay on the sidelines in the near future, implying that the positive CNY impulse is unlikely to kick in a meaningful way until end-2023/early 2024.

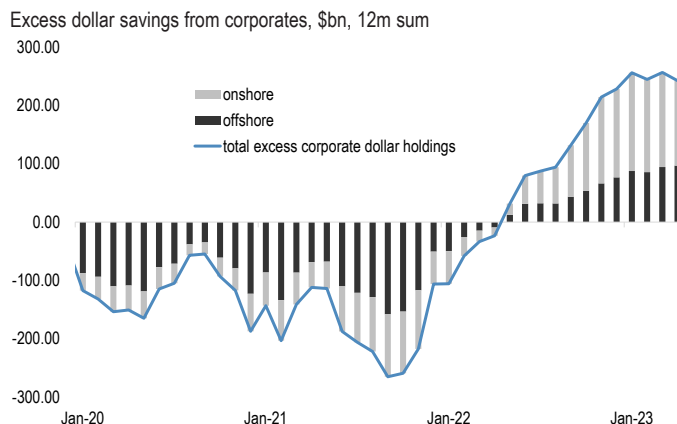


**Figure 12: USD selling from Chinese corporates has become less counter-cyclical...**



Source: Bloomberg Finance L.P., J.P. Morgan.

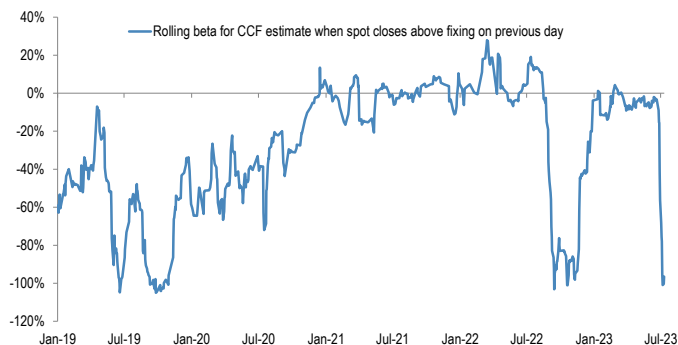
**Figure 13: ...leading to excess dollar savings**



Source: Bloomberg Finance L.P., J.P. Morgan.

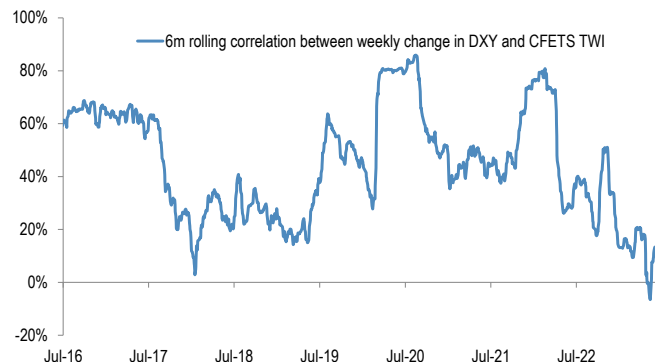
**PBoC's FX management is in motion, and policy focus remains to limit the decoupling between CNY TWI and DXY.** The Chinese central bank has ramped up support to CNY FX by introducing outsized downside surprises in the daily CNY fixing. PBoC's resistance looks comparable to 2019 and 2022, as the strengthening bias (or counter-cyclical factor) was set at a level that fully offset the previous day's intra-day CNY weakness (Figure 14). A big contrast of the recent CNY depreciation to previous currency stress episodes is the absence of speculative froth ([note](#)). A wider CNH-CNY basis and sharp spikes in CNH vol are widely considered alarming signs of speculative CNH shorts, which have, in the past, been associated with non-linear currency depreciation pressures, followed by various degrees of PBoC resistance. However, this time seems different (e.g., a narrow CNH-CNY basis, depressed CNH vol), making PBoC's intervention look more pre-emptive than reactive. The context of earlier and stronger-than-expected pushback from the PBoC against currency weakness is the absence of organic CNY stabilizers nowadays, most importantly, the corporate USD selling flows. Of note, fading corporate support has introduced asymmetrically more downside risks in the CNY basket as its correlation with the DXY broke down (Figure 15). As a result, the PBoC now has more work to do to circumvent a one-way move lower in the CFETS TWI on stronger DXY moves. The Chinese central bank has various tools (Figure 16) and a good track record in managing FX depreciation risks.

**Figure 14: PBoC's recent resistance to CNY weakness looks comparable to 2019/2022, with stronger fixings being set to fully offset the last day's intra-day CNY move**



Source: J.P. Morgan.

**Figure 15: CNY TWI-DXY correlation has dropped to a multi-year low, arguing for greater PBoC support to circumvent one-way currency depreciation pressures**



Source: Bloomberg Finance L.P., J.P. Morgan.

Figure 16: PBoC's FX toolkit

Type	Measures	FX impact
Direct intervention	Increase the strengthening bias in the daily fixing	Medium/High
Direct intervention	Stealth intervention by state banks	High
Capital control/Macro-prudential	Cut the FX required reserve ratio	Low
Capital control/Macro-prudential	Raise the risk reserve ratio on FX forwards	Low
Capital control/Macro-prudential	Tighter oversight of banks' FX transactions (eg. tighter regulation on banks' FX settlement and sales ratio)	Low/Medium
Capital control/Macro-prudential	Imposing more restrictions on outbound investment	Low/Medium
Direct intervention	Draining offshore CNH liquidity	High
Direct intervention	Direct intervention via drawdown of reserves	High

Source: Bloomberg Finance L.P., J.P. Morgan.

**Global macro context matters for the expression of CNY weakness, but does not necessarily change the bearish view.** Macro noises around the global economic outlook remain high, evidenced by the elevated volatility in U.S. yields in recent months. Given the importance of rate differentials to USD/CNY, we reckon that a fluid global macro backdrop could generate uncertainty for our USD/CNY target (Figure 17). While that matters for whether long USD/CNY represents the best option to position for further depreciation in CNY, it doesn't alter the broad bearish bias. As discussed above, the PBoC appears to lean more heavily against CNY TWI falls on higher DXY moves when USD/CNY is pressured to the upside, given concerns of non-linear depreciation pressures in the absence of organic CNY stabilizing flows. Such a policy bias would make long USD/CNY the best expression of the bearish CNY thesis, with PBoC putting a floor on the CNY TWI while not drawing a line in the sand on USD/CNY with bullish DXY our base case for 2H ([FX Mid-year Outlook: Ten questions \(and answers\) on FX in 2H23](#)). Of course, that view is getting challenged with a lower-than-expected U.S. inflation print this week, but we think it's too early to fully abandon the bearish CNY view. Instead, on weaker dollar moves, the expression of CNY shorts can be switched from long USD/CNY to short CNY basket. Of note, the DXY-CNY TWI correlation is tighter on weaker DXY moves, and we expect PBoC's resistance to CNY TWI weakness to be more tempered, as well, should it be associated with a lower USD/CNY and a weaker DXY. This will be reflected in an increasingly smaller strengthening bias in the yuan reference, while spot and CNY fixing are likely on course to re-converge.

Figure 17: Macro scenarios and USD/CNY

USD/CNY YE23 forecast based off rate differential models and different macro scenarios

Assumptions: U.S. yields move +50bp/0bp/-50bp in the scenarios of higher-for-longer/one more hike/early cut; CGB yields move -25bp/0bp/+25bp in the scenarios of double-dip/bumpy recovery/stronger stimulus, plus +1 s.d./-1 s.d. misalignment in USD/CNY in the scenarios of double-dip/stronger stimulus

	Higher for longer	Fed hikes one more and then hold	Early Fed cut
Double dip, China FRI lower	7.45	7.29	7.12
Targeted support, bumpy recovery, flattish FRI	7.27	7.11	6.95
Stronger-than-expected stimulus, FRI upturn	7.10	6.94	6.78

Source: J.P. Morgan.

**Market strategy:** We start 2H23 leaning bearish on CNY FX, a view predicated on the belief that core drivers of CNY weakness in the first half look unlikely to subside meaningfully before year-end. This takes into account a bumpy economic recovery, the persistence of negative carry and limited positive delta from the BoP perspective in 2H. Shifting narratives around the outlook in U.S. rates and DXY introduce some nuances to

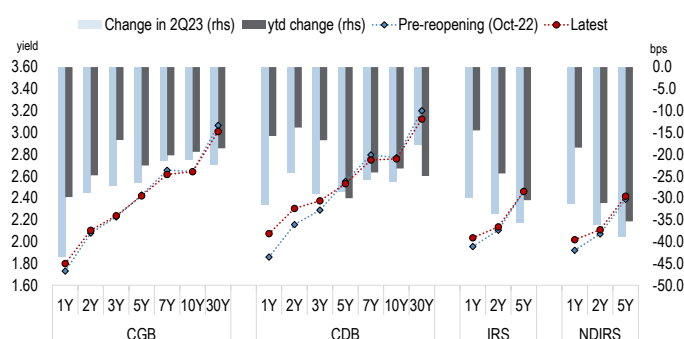


our year-end USD/CNY target (currently at 7.25), which is based off a bullish DXY bias, but it don't necessarily change the bearish CNY view overall. On weaker dollar moves, the expression of CNY shorts can be switched from long USD/CNY to short CNY basket, as the DXY-CNY TWI correlation is expected to hold on a lower DXY. We stay bearish CNY FX and upsize UW CNY FX position in GBI-EM from -0.5% to -1% (offset by OW in THB and IDR) after the recent market rally.

## CNY rates: Tactically neutral ahead of the July Politburo meeting

**CNY rates played catch-up in 1H23.** CNY rates were a latecomer in the post-LNY unwind of China reopening trades, but caught up at full speed in 2Q. While both CNY FX and equities started to reverse the post-reopening strength as early as February, CNY rates embarked the downward shift only a month later, in late March, with declines in yields accelerating in 2Q. Just three months into that rally, CNY rates have fully undone the post-reopening sell-off, with yields mostly back to pre-reopening levels (Figure 18). In the more extreme case, 10y bond futures even surpassed last year's highs at one point in 2Q23, underscoring strong consensus bullishness in the local rate markets. To put the adjustment into context, A-shares and H-shares have barely given back half of their post-reopening gains, making the adjustment in CNY rates look rather outsized in comparison to the fall in equity prices (Figure 19).

Figure 18: CNY rates have mostly fully undone the post-reopening sell-off...



Source: Bloomberg Finance L.P., J.P. Morgan.

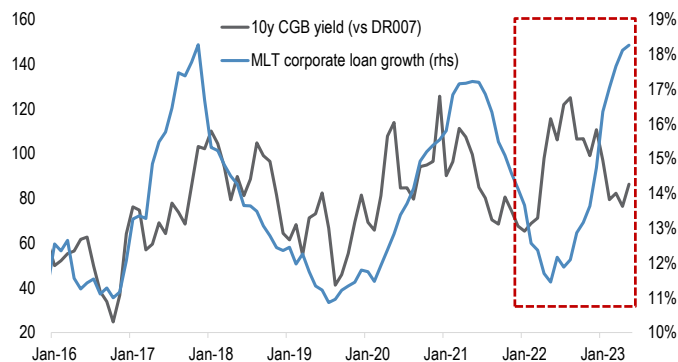
Figure 19: ...with the adjustment looking outsized compared to the drawdown in equity prices



Source: Bloomberg Finance L.P., J.P. Morgan.

**Rates have become less sensitive to macro trends and credit cycles.** The fallout for rates from increasingly cross-cycle policy-making, coupled with greater use of targeted monetary policy tools, is the breakdown of a correlation between key macro indicators and yield moves. This is most evidenced by the decoupling of 10y CGB yields and medium- to long-term corporate loan growth (Figure 20): The latter used to be a good barometer of credit demand cycles, which tend to lead rate cycles, but the use of targeted tools and structural reform from the PBoC to boost corporate loan demand without touching the policy rate has led to a breakdown of the correlation. In this context, monetizing China's growth momentum via CNY rates has become more difficult in the post-Covid era. A simple strategy premised on perfect foresight of quarterly growth trends (long duration when qoq GDP growth decelerates and vice versa) points to limited risk-reward since 2020 (Figure 21). Abnormally elevated growth volatilities in the post-Covid era render the ups/downs in quarterly growth less relevant for the medium-term cyclical trend, and forecasting PBoC's policy actions have also become increasingly more difficult with the Chinese central bank adopting a less counter-cyclical approach.

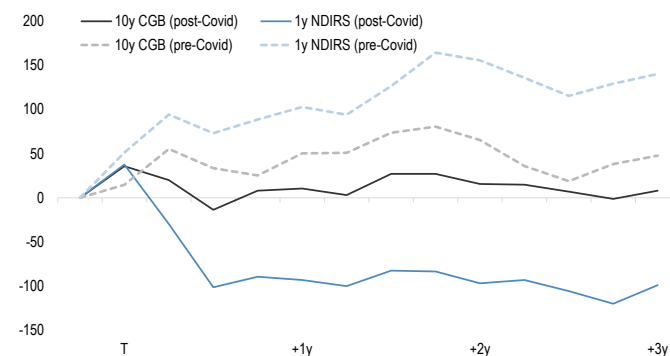
Figure 20: CGB yields have decoupled from key macro indicators



Source: Bloomberg Finance L.P., J.P. Morgan.

Figure 21: Trading CNY rates is not just about monetizing China's growth momentum in the post-Covid era

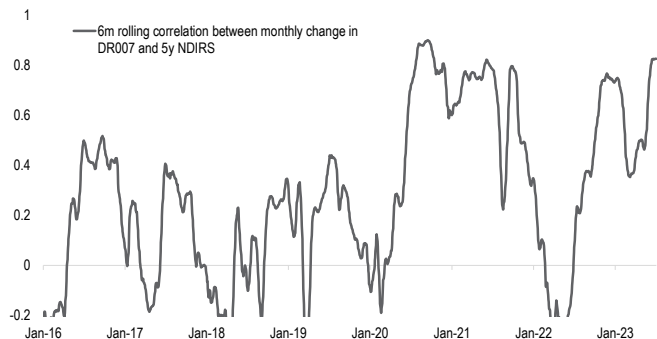
Cumulative returns in bp based off a simple strategy premised on perfect foresight of quarterly growth trends (long duration when qoq GDP growth decelerates and vice versa)



Source: Bloomberg Finance L.P., J.P. Morgan.

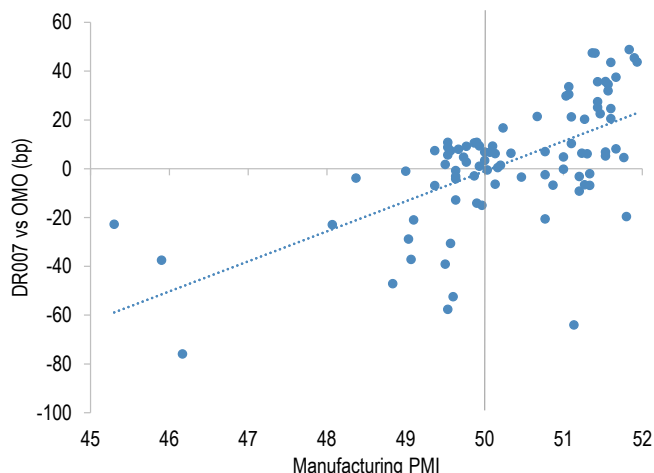
**Risks are for repo rates to stay lower for longer, which should help to anchor CNY rates in 2H.** While medium-term growth trends become less clear/important, liquidity conditions still matter greatly for CNY rates. The correlation between repo rates and swap rates picked up in 1H23, reaching the highest level in recent years (Figure 22), pointing to a more technical environment for trading CNY rates based off shifts in money market rates. Unlike late 2022, when a notable discount between repo rates and PBoC's OMO rate pointed to clear upside risks in money market rates, the absence of major deviation nowadays offers little information on where repo rates could go in 2H. Empirical evidence suggests that repo rates tend to sit below the policy rate while China PMIs stay below 50 (Figure 23). This is usually driven by ample money supply amid accommodative PBoC policies intersecting with sluggish demand. In a sense, while the bar for the inversion between repo rates and PBoC's OMO rate deepening to 2020/22 extremes remains high, the path of least resistance is still for money market rates to stay lower for longer before structural economic headwinds subside more durably. We see the 7d repo rate range at 1.7-2.0 for 2H23, a setup that should guard against any trend sell-off in rates in the near future.

**Figure 22: Correlation between CNY rates and money market rates has picked up to recent-year highs**



Source: Bloomberg Finance L.P., J.P. Morgan.

**Figure 23: Repo rates tend to sit below the policy rate while China PMIs remain below 50**



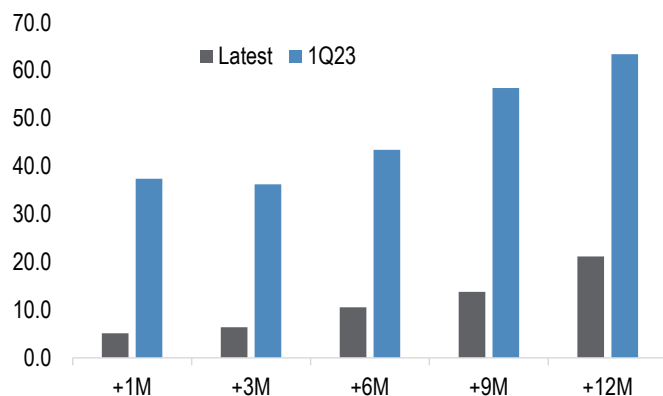
Source: Bloomberg Finance L.P., J.P. Morgan.

**Mindful of the non-negligible event risk in the upcoming July Politburo meeting, we stay neutral CNY rates for now.** While a bumpy recovery and low money market rates point to a market with risk/reward still favoring duration longs on upticks in yields, we start 2H23 being tactically neutral, accounting for a non-zero chance of positive policy surprises in the July Politburo meeting, coupled with a number of other factors listed below.

**First, valuation is less bullish CNY rates now compared to 1H23.** The technical backdrop is getting less favorable for receivers after the impressive bull run in 2Q. Not only have yields moved closer to pre-reopening lows, the multi-year steepness of the swap curve has also been largely corrected, with the 1y1y-1y spread having narrowed by ~30bp since early February. Being an important driver for the sharp duration rally in 2Q, the tailwind of rate markets shifting away from being overly pessimistic on PBoC tightening risks has also faded to a large extent. A total of a ~65bp rise in the 7d repo rate was priced into the swap curve in 1Q, with tightening risks expected to be front-loaded into the first six months, a big contrast to today's pricing of less than 20bp tightening over the next year (Figure 24). As the unwind of tightening expectation is closer to an end and the 1Q overrun in rates being largely undone, CNY rates screen mostly fair/low now (Figure 25), arguing for less valuation appeal to start 2H23.

**Figure 24: CNY rates have largely priced out concerns over PBoC tightening**

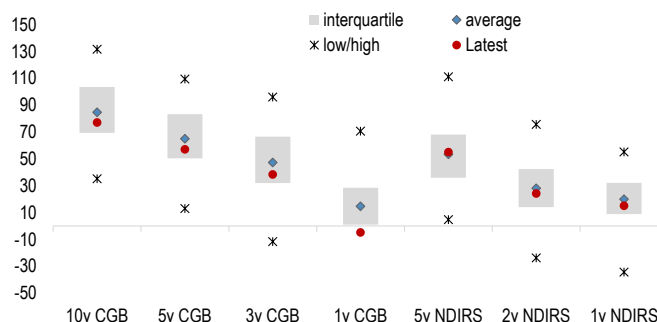
Market pricing of cumulative change in repo fixing, bps



Source: Bloomberg Finance L.P., J.P. Morgan.

**Figure 25: CNY rates screen fair to low after 2Q rally**

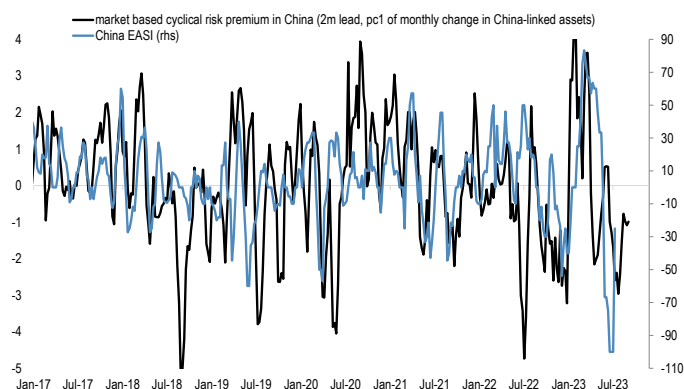
Term premium of CNY rates vs. DR007, bps



Source: Bloomberg Finance L.P., J.P. Morgan.

**Second, a rebound in the China economic activity surprise index (EASI) could present upside risks to rates over the short run.** The consistent downside surprises in China’s activity data in 2Q resulted in a sharp decline in the JPM China EASI index, which reached its historical lows in June. A typical mean-reversion pattern in the index points to a potential technical rebound in the coming weeks, with the latest upbeat TSF data kicking off the uptrend (Figure 26). Our analysis in the past shows that CNY rates appear to be more at reversal risks relative to other China-linked assets when the EASI moves up from its local lows (Figure 27). This, coupled with the less favorable valuation in rates, warrants some caution over the short run.

**Figure 26: China EASI has bottomed, looking on course for a mean reversion higher**



Source: Bloomberg Finance L.P., J.P. Morgan.

**Figure 27: A bottoming in China EASI has in the past been associated with more reversal risks for CNY rates**

Asset returns post-China EASI rebound from its local lows (threshold set to -2 s.d. for the past 10 years)

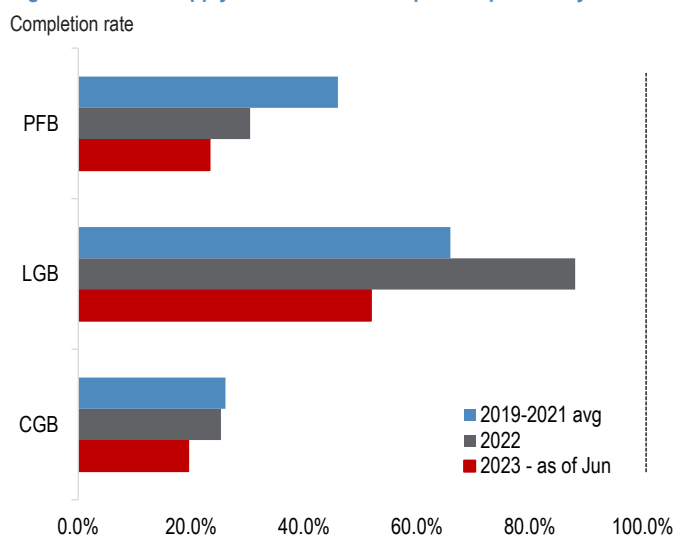
		Cumulative change in price (median)			% of times price went up		
		+1m	+2m	+3m	+1m	+2m	+3m
FX	USD/CNH	0.0%	0.4%	1.1%	40%	80%	50%
	CFETS TWI	-0.1%	-0.2%	-0.5%	40%	40%	40%
Equities	CSI300	-0.4%	-0.6%	0.1%	40%	50%	50%
	HSCEI	0.0%	-0.8%	-2.5%	50%	50%	30%
Rates (bps)	1y NDIRS	2.5	11.7	5.3	60%	70%	60%
	5y NDIRS	-0.6	5.0	-1.5	50%	60%	50%
	1y CGB	2.4	6.0	16.8	60%	70%	70%
	10y CGB	1.5	1.4	-1.2	60%	60%	40%
Commodity	Industrial metal	2.4%	2.7%	6.9%	70%	60%	70%
	Oil	2.9%	1.7%	2.3%	60%	60%	70%

Source: Bloomberg Finance L.P., J.P. Morgan.

**Last, but not least, any additional fiscal support could add onto an already-heavy supply overhang in the coming months.** Bond issuance in China got off to a slow start this year, with total net supply of rate bonds (CGBs, policy bank bonds and LGBs) reaching only CNY3.4tn in 1H, and the completion rate (ytd net issuance%annual issuance quota) is tracking lower than the issuance pace in previous years (Figure 28). As a result, supply pressure will likely pick up notably in coming months as fiscal

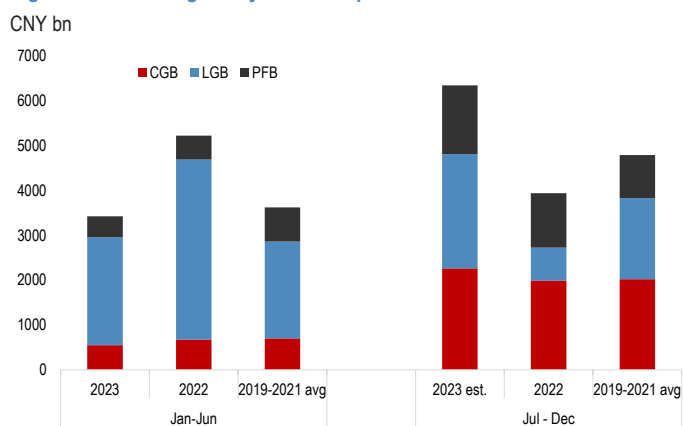
measures start to add support to growth. We expect the net supply of rate bonds to reach CNY6.3tn in 2H23 (Figure 29), which would mark the heaviest issuance pressure in recent years. The market implication for CNY rates from a bond supply overhang is less straightforward compared to other markets, as China’s fiscal and monetary policy tend to be coordinated. As a result, heavier issuance doesn’t always translate into outright upside pressures in yields, but rising supply would still make it more challenging for the PBoC to maintain favorable liquidity conditions in 2H, risking greater volatility in money market rates going forward. On top of that, any additional fiscal support via special CGB issuance and/or increased LGB quota to boost demand would add more stress to the rate markets by generating a larger liquidity gap and upside cyclical risks. This leaves the July Politburo meeting, with more details on fiscal measures expected to be disclosed by policy makers, a event risk for CNY rates.

Figure 28: Bond supply in 1H23 trailed the pace of previous years...



Source: Bloomberg Finance L.P., J.P. Morgan.

Figure 29: ...leaving heavy issuance pressure in the second half

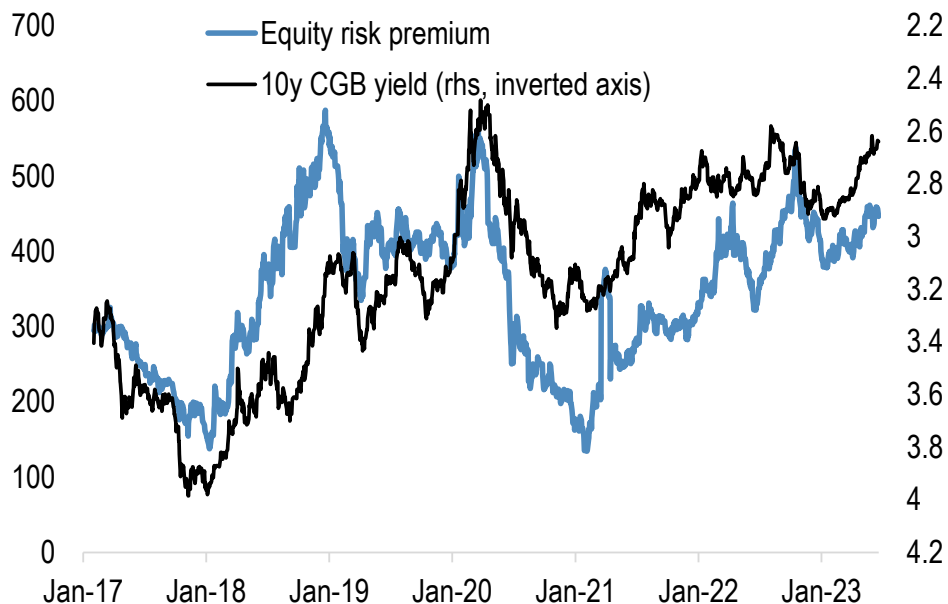


Source: Bloomberg Finance L.P., J.P. Morgan.

**Market strategy:** CNY rates start 2H23 sandwiched in between diminishing valuation appeal and easy liquidity conditions that favor yields staying lower for longer. A bumpy recovery, J.P. Morgan’s baseline macro scenario for 2H, points to a range-bound market, with risk/reward still favoring duration longs on upticks in yields. However, the upcoming Politburo meeting presents a non-negligible event risk of greater-than-expected fiscal support, which could weigh on sentiment in the rates market, accounting for elevated leverage in the interbank system and a potential rotation from bonds to equities amid elevated equity risk premium (Figure 30). The reduced valuation appeal of bonds, as well as risks of a yield reversal if China data surprises bottom, keep us neutral for the time being while we wait for the policy uncertainty to settle in the coming weeks. Supply pressures are expected to pick up, but shouldn’t be a primary risk to rates, assuming the PBoC remains accommodative. But larger issuance, especially the increase of LGB supply, which tends to be in longer tenors, could risk a steeper CGB curve in the back end as banks’ demand for LGBs crowds out buying interest in CGBs. In fact, the CGB 10s30s looks too flat relative to a steep 1s10s, pointing to risks of a steepening of the back end (10s30s) and a flattening of the front end (1s10s). This leaves room for intermediate yields to outperform in 2H.



Figure 30: China's equity risk premium is elevated, pointing to room for bond to equity rotation should cyclical conditions become more conducive



Source: J.P. Morgan.

Market forecast and strategy summary

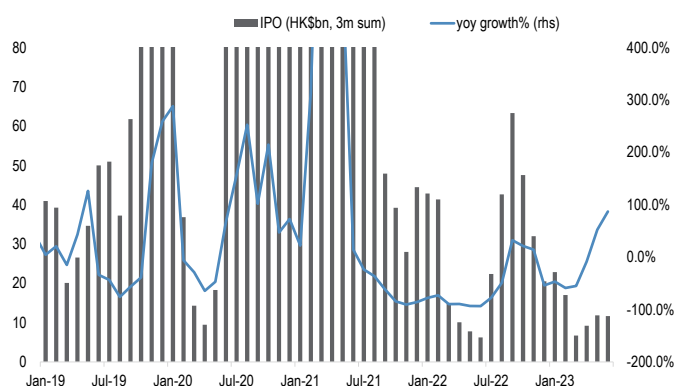
	Latest	Forecasts				Strategy Views
		Sep-23	Dec-23	Mar-24	Jun-24	
USD/CNY	7.14	7.30	7.25	7.15	7.10	Our bearish view on CNY FX in the coming months is predicated on the belief that core drivers of CNY weakness in the first half look unlikely to subside meaningfully before year end, accounting for a bumpy economic recovery, persistence of negative carry and limited positive delta from the BoP perspective in 2H. The shifting narratives on DXY affects the expression of CNY weakness but does not necessarily change the bearish view itself. We hold onto UW CNY position in GBI-EM and upsize the UW from -0.5% to -1% (offset by OW in THB and IDR).
CFETS TWI Index	95.8	96.5	96.5	97.0	97.0	
1y CGB yield	1.84	1.85	2.00	2.05	2.10	Tactically neutral ahead of the July Politburo meeting. A bumpy recovery and dovish PBoC point to a range bound market with risk reward still favouring duration longs on upticks in yields in 2H. Supply pressures are expected to pick up but shouldn't be a primary risk to rates while intermediate yields could have room to outperform as the CGB 10s30s looks too flat relative to a steep 1s10s. Over the short run, the upcoming Politburo meeting presents a non-negligible event risk of greater-than-expected fiscal support. The reduced valuation appeal of bonds as well as risks of an yield reversal if/as China data surprises bottom out keep us neutral for the time being while we wait for the policy uncertainty to settle in the coming weeks.
10y CGB yield	2.64	2.60	2.70	2.75	2.80	
Policy Rate (or reverse repo rate)	1.9	1.9	1.9	1.9	1.9	

Source: Bloomberg Finance L.P., J.P. Morgan. Latest bond yield data quote from Chinabond benchmark CGB yield.

## HKD FX and rates: Stay received HKD 3y IRS

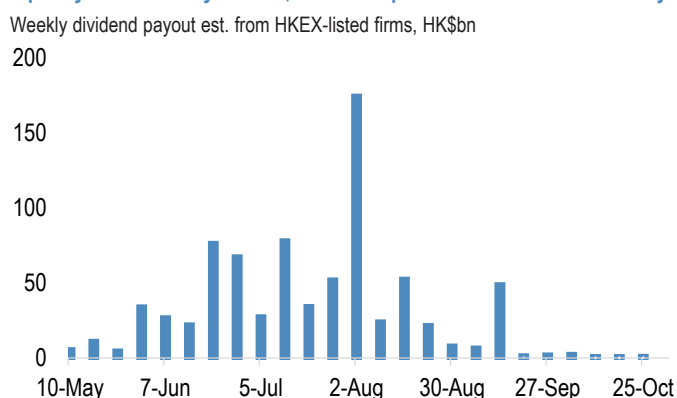
**Behind the turn in Hibor rates in 1H23.** After remaining at subdued levels for the better part of 1Q, Hibor rates staged a notable upturn in 2Q, recouping the divergence with U.S. rates. We think there are a couple of factors behind the spike. First, HKD FX testing the strong side convertibility in 1H has led HKMA to further draw on the aggregate balance to defend the peg. The aggregate balance fell to HK\$45bn, sliding from its 2021 peak at HK\$457bn to the lowest level since the GFC. The drastic depletion of the liquidity base leaves the local market more susceptible to financing shocks, which tend to be associated with higher and/or greater volatility in HKD rates. Second, after the dip at the start of the year, the HKD loan-to-deposit ratio (LDR) resumed the uptrend in 2Q, rising ~3ppt from its January lows. While outstanding HKD loans remained broadly unchanged in 2Q, HKD deposits have dropped HK\$84bn since March, likely reflecting some outflows amid concerning China growth and continued underperformance of the Hong Kong equity market. Although the decline was running at a much smaller pace compared to 2H22, the incremental fall could have added more stress to the market, with the aggregate balance more than halved since last year. Third, as both declining aggregate balance and a higher LDR indicate a dry-up of local liquidity, the pickup in IPOs has added strains on the margin. To be sure, the quantum of IPOs in the HK exchange market remained low by historical standards, but is picking up steam from a low base (Figure 31). IPOs in 2Q23 doubled the size of 1Q offerings, reaching HK\$12bn. This could have locked up additional liquidity amid a souring funding market. Fourth, seasonal dividend payout pressures also locked up HKD liquidity and likely weighed on the financing conditions heading towards the summer (Figure 32).

Figure 31: IPOs in Hong Kong are picking up pace from a low base



Source: Bloomberg Finance L.P., J.P. Morgan.

Figure 32: Seasonal dividend payout flows could have weighed on HKD liquidity toward half-year-end, but are expected to moderate after July



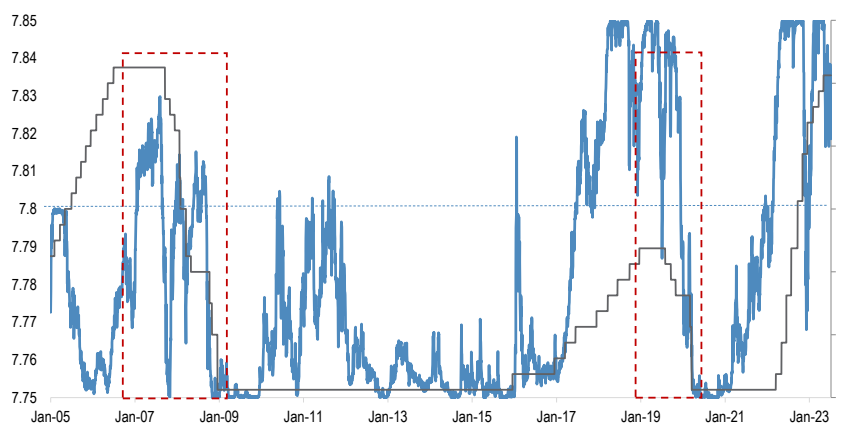
Source: Bloomberg Finance L.P., J.P. Morgan.

**What would a Fed pause mean for HKD FX and rates?** Under the Linked Exchange Rate System, HKD FX and rates are primarily a function of U.S. rates. As we expect the last Fed hike to come in 2H23, the regime shift could be a high-impact driver for the Hong Kong local markets, and it's worth revisiting how HKD FX and rates performed around the last two Fed pauses (2006/2007, 2019).

- **For HKD FX**, it's clear that volatility tends to rise with spot USD/HKD clinging to the upper-side convertibility in a less consistent pattern, and the closer we get to the first Fed cut, spot moves away from 7.85, more often featuring sharper and more

durable deviations (Figure 33). In the stage of maturing Fed hiking cycles, the aggregate balance has likely already settled at lower levels, elevating the volatility in funding costs that discourages carry. However, empirical experience also shows that a more linear and durable decline in USD/HKD toward the lower-side convertibility happened only when the Fed started to cut rates. In other words, the transition from Fed hikes to pauses doesn't necessarily mean the end of the carry trade, but it argues for being more selective and tactical on timing and entry levels.

**Figure 33: USD/HKD tends cling to the upper-side convertibility in a more volatile fashion during Fed pauses, while a durable decline to the lower-side convertibility happens only when the Fed starts to cut**

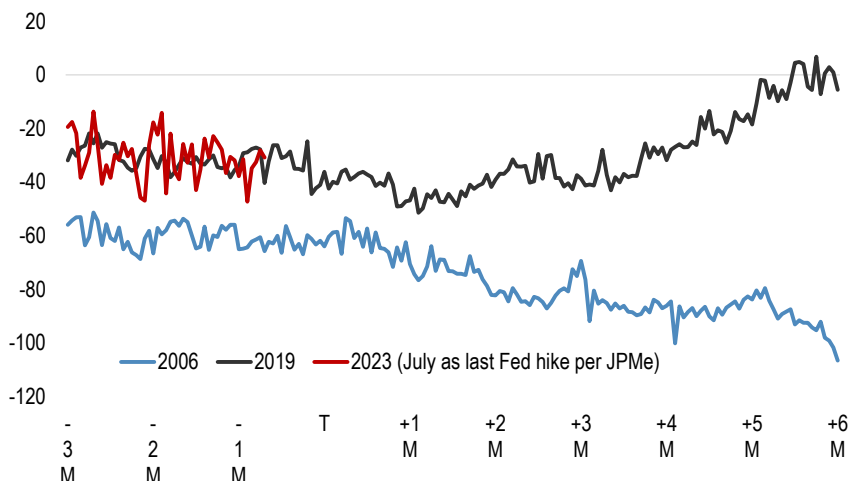


Source: Bloomberg Finance L.P., J.P. Morgan.

- **For HKD rates**, toward the last hike in the past two Fed hiking cycles, HKD-USD rate curves remained inverted (Figure 34). In fact, such inversion even deepened in the immediate aftermath of the Fed pause for both cycles, with some differentiation into the late stage of pauses. In 2019, when the Fed followed the pause with a relatively quicker cut (the first cut came seven months after the pause started), HKD-USD rates started to re-converge just three months after the Fed pause, alongside a sharp rally in U.S. yields. On the other side, when the pause was more extended, in 2006, the inversion in HKD-USD rates had a longer shelf life compared to 2019, with USD rates staying in ranges back then. This suggests that while the medium-term trend is for HKD-USD rates to re-converge as the Fed hiking cycle approaches an end, the timing of that convergence is highly dependent on how soon the first cut comes, with a more extended pause risking prolonged and/or deeper inversion of the HKD-USD curve following the Fed pause.

Figure 34: HKD-USD rate curves tend to remain inverted until the Fed cut starts

3y HKD-USD IRS spread, bps, T=the start of Fed pause

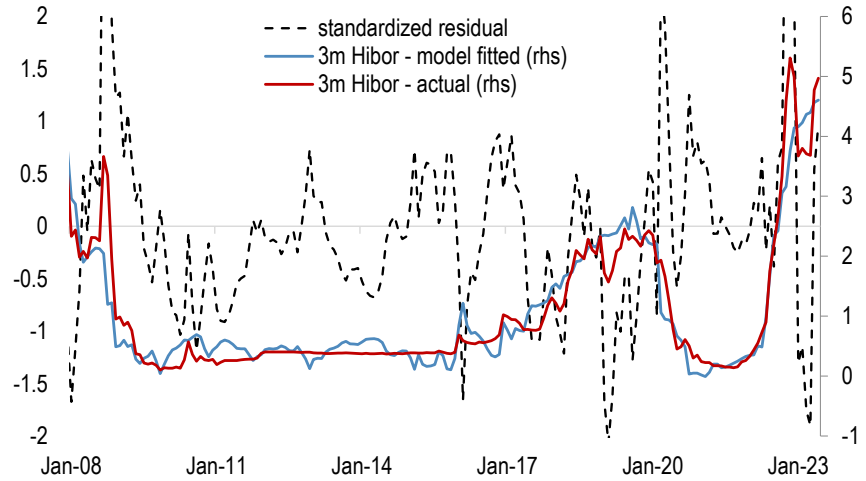


Source: Bloomberg Finance L.P., J.P. Morgan.

**What's next?** Market pricing now looks for 3m Hibor to drop ~25bp in 2H23 and SOFR to rise 25bp, implying expectations of further inversion of HKD-USD rates. This is in line with price actions observed around previous Fed pauses, as discussed in the previous section. Part of this should be helped by Hibor rates normalizing after a more-than-expected back-up in 2Q: Our model on 3m Hibor, based off Fed fund target rate, aggregate balance and HKD depreciation expectation, points to a fair value ~4.6, rendering current Hibor rates 40bp or ~1 s.d. too high (Figure 35). The normalization should also be aided by seasonal liquidity shocks fading, including diminishing dividend payout pressures after July (Figure 32). While we see the gentle uptrend in IPOs as likely here to stay, accounting for announced spin-off plans from big Chinese companies ([link](#)), overall equity offerings are expected to stay at subdued levels compared to previous years due to broadly weak equity momentum. Additionally, local risk premium is also more compressed, given comparatively less cyclical pessimism around China relative to last year, guarding against a 4Q22-type overrun in HKD rates. Overall, after this week's U.S. CPI data that could prompt a continued retracement lower in core rates, the path of least resistance looks still for HKD rates to drop and outperform USD rates in 2H23. We stay received 3y HKD IRS. We expect USD/HKD to remain above the midpoint of the trading band, and a re-test of 7.85 is still possible, favoring long USD/HKD on dips, but the carry trade would become increasingly more technical while the Fed starts to pause.

**Figure 35: Hibor rates appear too elevated**

3m Hibor regressed off Fed fund rate, aggregated balance, HKD depreciation expectation (3m risk reversal)



Source: Bloomberg Finance L.P., J.P. Morgan.

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Completed 17 Jul 2023 11:07 AM HKT

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