Strategy

Japan: An Equity Investor's Guide to Inflation

22 September 2022

Key Takeaway

We were early on our non-consensus Japan inflation call but the August CPI and core CPIs are understating the inflation pressures. Jefferies Checklist on Inflation is soaring (see inside) — Small Cap firm output prices are at a record high. The market is again mistaking transitory for secular. We highlight five non-consensus narratives and an inflation-busting basket. Think the Unthinkable!

A deeper look under the August CPI should reveal that Japan has the same secular inflation pressures as Europe, the UK, and the US – service prices (2.1% y-y). Aside from a few months of decline in the midst of the pandemic, service prices have enjoyed one of their longest periods of sustained price rises in economic history. Services account for 75% of Japanese GDP. The acceleration in the imported food and energy bill has masked the sea-change in service prices. Moreover, the green shoots of service price inflation were occurring well before BoJ's Kuroda became active in YCC this year. As we argued in Japan: When a Butterfly Flaps its Wings in Tokyo in early May......

'Japan's decision to reopen its borders to tourism will tighten labor markets much more quickly than investors are discounting. Alongside upward pressures from US yields, increasing domestic inflation, and higher imported costs, the BoJ will be forced into a quicker change in its YCC policy... As the momentum in the labor markets accelerates, the authorities will find themselves defending the YYC target much more aggressively but without the data points in their favor'

The best way to proceed is by carefully examining the consensus narrative. Firstly, glancing at our Japan inflation lead indicator and our inflation checklist, both are pointing upwards. The former excludes imported costs and reported inflation gauges such as CPI.





Source: Bloomberg, Jefferies

Secondly, market based measure of inflation and financial surveys are showing modest rises. The breakeven curve is deeply inverted (see charts opposite).

(Continued Overleaf)



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Thirdly, Household (see chart on front page RHS) and corporate surveys are exhibiting heightened inflation pressures. There were visible changes in output prices surveyed by the Tankan. Indeed, many were close to or above the inflationary 1970-80s (see overleaf). While the BoJ output gap is still below trend, this is a very lagging indicator. The narrative that Japanese companies can't raise prices is completely false observing the Tankan data and producer prices.

Fourth, not only have land values stopped deflating but expectations of land price rises have risen considerably (see exhibit 8).

Fifth, Japan's labor participation rate is already very high (75%, source: OECD vs 62% in the US) while the job-to-applicant ratio (1.29) is rising in line with an improving economy. But, the New Jobs to applicant ratio is already at 2.4 – consistent with wage inflation in the US. What Gives? Our analysis shows that foreign workers have been, at the margin, the balancing item (see exhibit 9) and offsetting the shrinking workforce.

However, the labor markets must be close to a tipping point looking at the near record surge in part-time earnings (see exhibit 10). Labour's share of income has stagnated. In Solving Japan's Wage Stagnation Syndrome (Richard Katz, Jan. 22) the author argued that 'During 1996-2019, productivity, i.e., GDP per work-hour, grew 30 percent in 16 rich countries. However, real hourly compensation (wages plus benefits) grew only 19 percent. While Japan's productivity growth more or less matched the others, labor income grew a negligible 3 percent, creating the biggest gap between productivity and wages among OECD countries'. The fact that non-regular workers' (40% of the workforce presently vs 15% of the labor force in the 1980s) pay is now growing must be a decent signal for future wage growth. Ultimately, this has been the biggest source of salary changes as we have witnessed in the US and Europe in the past year – truck drivers, construction workers, etc. have seen much faster wage growth than in the past two decades. Will the inflation narrative change if YCC is removed? No. Indeed, exactly the opposite. The yen would tend to appreciate lowering input costs and imported inflation. In turn, this ought to boost real incomes and therefore put further pressure on the services sector.

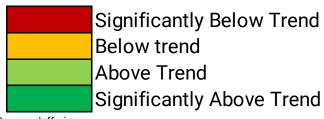
How to beat inflation? Ultimately, banks through a steeper yield curve. Insurance companies through higher longer-term rates. Beneficiaries of recruitment and hiring as well as productivity. Sticking close to the service sector ought to be a major portfolio tilt.

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Exhibit 1 - A Checklist for Japanese Inflation

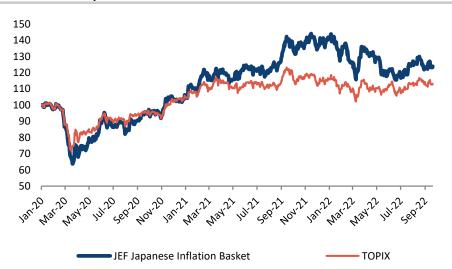
Market based inflation expectations	
10 year breakevens	
10 year minus 5 year breakevens	
Import costs	
Import prices % y-y	
Measured CPI	
Headline CPI % y-y	
Core CPI % y-y	
Surveyed Expectations	
Consensus estimates 2023	
Household survey	
Tankan survey Large	
Tankan survey Small	
Employment conditions and Wages	
Job-to-applicant ratio	
Part-time wages	
Labor force participation rate	
Contractual wages	
Land price expectations	
Domestic survey	
Spare Capacity	
Japan Output Gap (2 Quarter Lag)	

Key



Source: Jefferies

Exhibit 2 - JEF Japanese Inflation Basket



Source: FactSet, Jefferies

Exhibit 3 - JEF Japan Inflation Basket

Ticker	Company Name	PE (x, 12M)	PB (x, 12M)	DY (%, 12M)	ROE (%, 12M)	FY1 EPS Growth (%)	3M Return (%)	6M Return (%)	JEF Research Rating
8316 JP	SMFG	7.7	0.5	5.2	6.2	5.9	7.0	6.6	BUY
8308 JP	RESONA HOLDINGS	8.2	0.5	4.0	6.3	25.5	6.5	3.2	NC
8795 JP	T&D HOLDING INC	16.2	0.6	4.1	3.2	542.4	(6.6)	(6.2)	BUY
6098 JP	RECRUIT HOLDINGS	22.2	3.9	0.6	19.7	7.2	10.1	(18.8)	BUY
6861 JP	KEYENCE CORP	33.9	4.7	0.5	14.7	11.0	6.6	(8.3)	BUY
9613 JP	NTT DATA CORP	17.7	1.8	1.2	10.0	6.2	1.6	(16.3)	BUY
6954 JP	FANUC CORP	23.1	2.6	2.6	11.5	9.6	4.0	4.3	BUY
Average in L	ocal Currency	17.6	2.0	2.9	10.0	118.4	4.7	(4.7)	

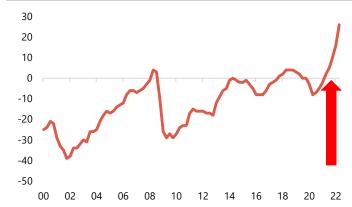
Source: Bloomberg, Jefferies

Exhibit 4 - Japan Tankan Change in Output Prices Forecast (%)



Source: Bloomberg, Jefferies

Exhibit 5 - Japan Tankan Change in Output Prices (%)



Source: Bloomberg, Jefferies

22 September 2022

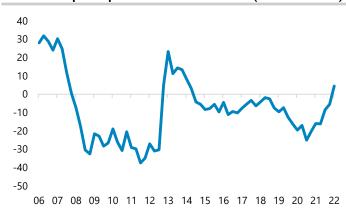
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Exhibit 6 - Jefferies Japan Leading Inflation Index



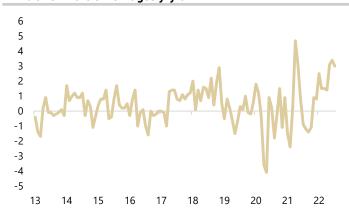
Source: Bloomberg, Jefferies

Exhibit 8 - Japan Expectations for Land Prices (Diffusion Index)



Source: Bloomberg, Jefferies

Exhibit 10 - Part-time wages y-y%



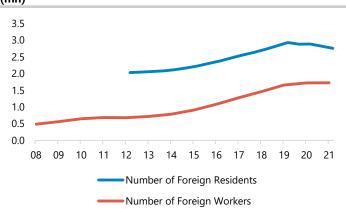
Source: Bloomberg, Jefferies

Exhibit 7 - Jefferies Japan Leading Inflation Index with 12mma and Japan CPI (%)



Source: Bloomberg, Jefferies

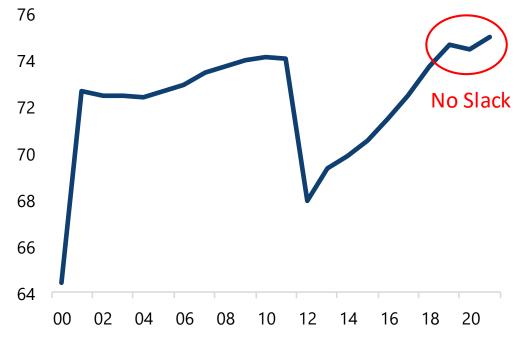
Exhibit 9 - Number of Foreign Residents and Workers in Japan (mn)



Source: CEIC, Jefferies

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Japan Labor force participation rate ages 15-64 (%)



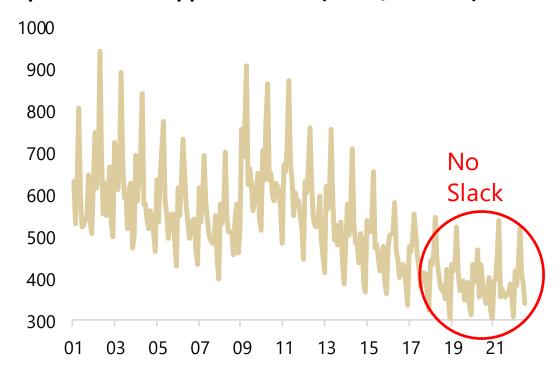
Japan Labour Statistics Avg Monthly Cash Earnings YoY (%)



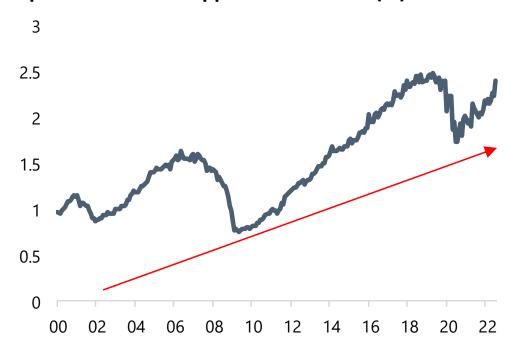
Japan Labour Statistics Avg Monthly Cash Earnings Scheduled YoY (%)



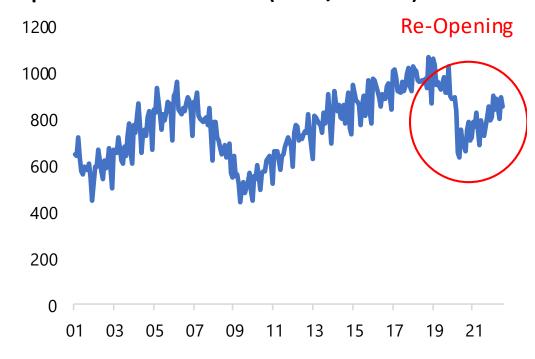
Japan New Job Applicants NSA (Units/Persons)



Japan New Jobs to Applicants Ratio SA (%)



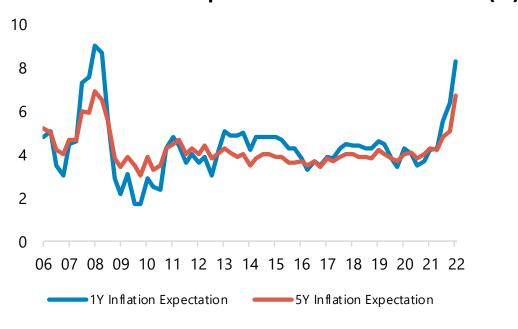
Japan New Job Offers NSA (Units/Persons)



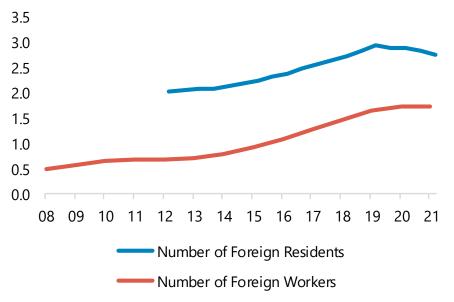
Japan Services Producer Price YoY (%)



Forward Inflation Expectations 1Y and 5Y Hence (%)

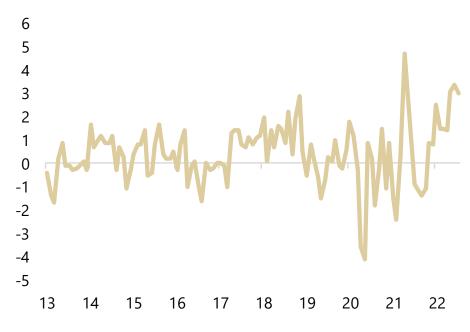


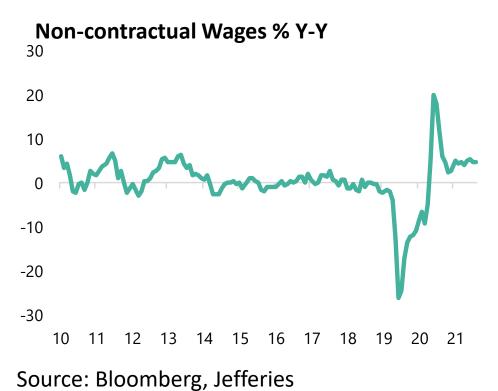
Number of Foreign Residents and Workers in Japan (mn)



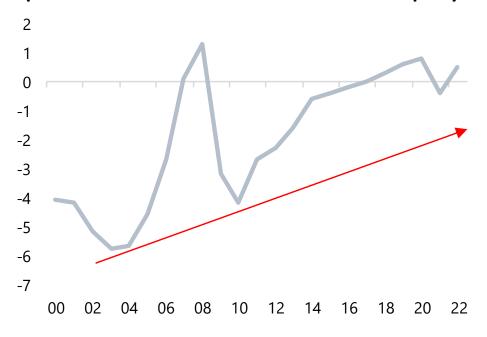
Source: CEIC, Jefferies

Japan Labour Statistics Part-time Total Monthly Cash Earnings YoY (%)

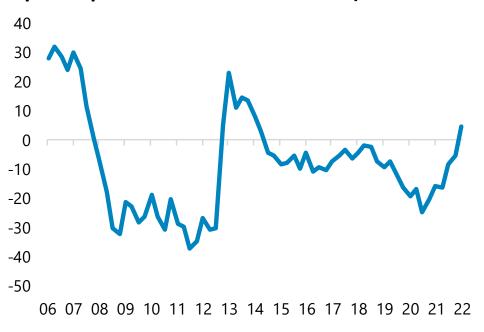




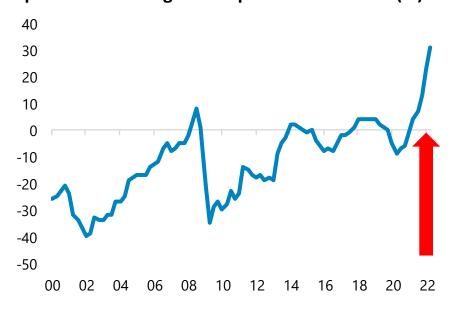
Japan Land Prices Nationwide Residential Property Prices YoY%



Japan Expectations for Land Prices (Diffusion Index)



Japan Tankan Change in Output Prices Forecast (%)



Source: Bloomberg, Jefferies

Japan Tankan Change in Output Prices (%)



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