Global Fund Manager Survey

Beyond REIT

BofA August Global Fund Manager Survey

Bottom line: least bearish FMS since Feb'22; cash drops from 5.3% to 4.8% (21-month low), 3 out of 4 expect soft/no landing, smallest equity UW since Apr'22, largest tech OW since Dec'21; bear positioning strong tailwind for risk assets in H1...not the case in H2.

On Macro & Policy: global growth expectations up to net -45%, 4/10 say recession "unlikely" (was 1/10 Nov'22), EPS optimism highest since Feb'22; US fiscal policy as stimulative today as at Covid peak (Dec'21) yet expectations for lower rates now highest since Nov'08.

On Risks: FMS cash <5% means end of BofA Global FMS Cash Rule contrarian "buy signal"; biggest "tail risk" still inflation keeps central banks hawkish; most likely "credit event" is US/EU CRE at 45% (note China real estate relatively low at 15%).

On Asset Allocation: out of cash & REITs (capitulation to GFC/Lehman levels – Chart 1) into stocks & commodities; out of US/EU/UK into EM/Japan; out of industrials/utilities into energy/tech (long Big Tech by far most "crowded trade").

Contrarian trades: for risk-on (SPX to 4.8k) top trade is "long REITs, short bonds"; for risk-off (SPX to 4.2k...our view) "long utilities, short tech"; REITs most fascinating to watch: if no recession, FMS says go max long, but if REITs can't recover with Lehman-like positioning, then recession could be just around the corner.

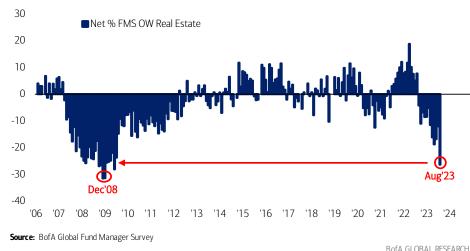


Chart 1: FMS capitulation in REIT positioning

Net % FMS investors overweight Real Estate

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15 August 2023

Investment Strategy Global

Data Analytics

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Notes to Readers

Source for all tables and charts: BofA Fund Manager Survey, DataStream

Survey period 4th to 10th August 2023

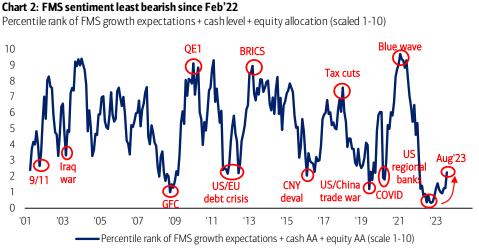
247 panelists with \$635bn AUM participated in the August survey. 211 participants with \$545bn AUM responded to the Global FMS questions and 137 participants with \$273bn AUM responded to the Regional FMS questions.

How to join the FMS panel

Investors/clients are encouraged to sign up to participate in the Survey. This can be done by contacting <u>Michael Hartnett</u> or your BofA sales representative.

Participants in the survey will continue to receive the full set of monthly results but only for the relevant month in which they participate.

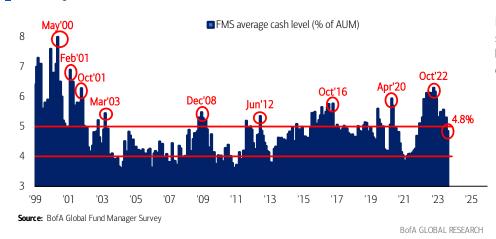
Charts of the Month



Source: BofA Global Fund Manager Survey

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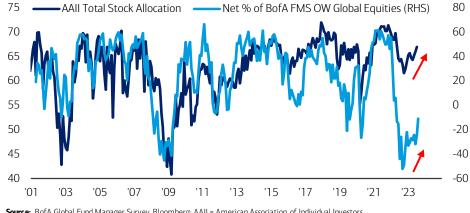
Chart 3: BofA Global FMS Cash Rule contrarian 'Buy' signal ends FMS average cash level % AUM



Cash allocation falls from 5.3% to 4.8%. the lowest since Nov'21.

BofA Global FMS Cash Rule no longer in "Buy" signal territory (i.e. cash levels have dropped below 5.0%). Note "Sell" signal triggered when cash is at or below 4.0%.

Chart 4: Stocks...Institutional allocation catching up with individual investor allocation AAII Total Stock Allocation vs Net % of BofA FMS Overweight Global Equities

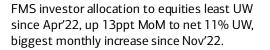


Source: BofA Global Fund Manager Survey, Bloomberg; AAII = American Association of Individual Investors

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Broad measure of FMS sentiment, based on cash positions, equity allocation, and economic growth expectations.

FMS sentiment improving and now least bearish since Feb'22.

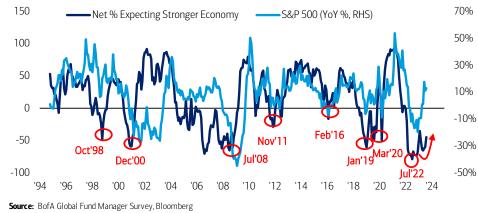


Note FMS investors' allocation to global equities now catching up with US individual investors' allocation to equities (67% of AAII AUM in stocks...highest since May'22).



Chart 5: Growth expectations have troughed and are rising

Net % expecting stronger economy vs S&P500 price change YoY (%)



FMS investors remain of view global growth will weaken next 12 months; but expectations improved significantly in August.

Net 45% FMS investors expect the global economy to be weaker in 12 months, down from 60% last month, largest MoM increase since Jan'23.

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Recession concerns fading...42% of FMS investors say the global economy is unlikely to experience recession over the next 12 months, most since Jun'22.

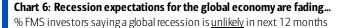
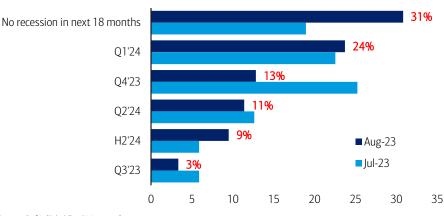




Chart 7: ...and 1 in 3 FMS investors sees no recession at all by year-end '24 $\,$

When do you expect the global economy to fall into recession?



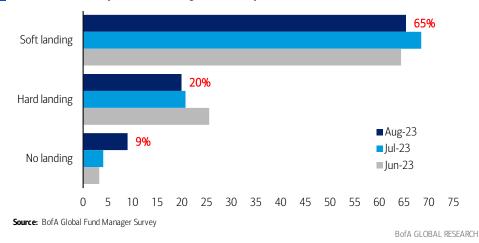
Increasingly, FMS investors now expect no recession at all within the next 18 months...31% see no recession, up from 19% in July and 14% in June.

Note that 24% expect a global recession to happen in Q1'24, 13% in Q4'23, 11% in Q2'24, 9% in H2'24, and 3% in Q3'23.

Source: BofA Global Fund Manager Survey

Chart 8: "Soft landing" still the consensus, "no landing" gaining traction

What is the most likely outcome for the global economy in the next 12 months?

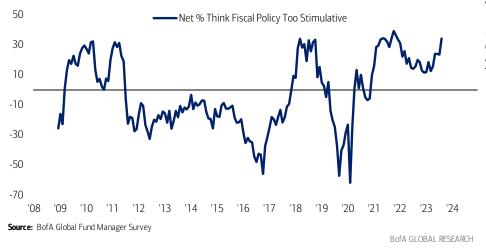


"Soft landing" in the next 12 months remains FMS investors' base case (65% in Aug vs. 68% in July and 64% in June).

"No landing" probabilities are rising (9% vs 4% in July and 3% in June) while "hard landing" odds are falling (20% vs 20% in July and 26% in June).

Chart 9: Fiscal policy now almost as stimulative as during the Covid pandemic

Net % FMS investors saying fiscal policy too stimulative



Investors say fiscal policy most stimulative since Dec'21 (net 34% think too stimulative vs. 23% last month)...

...concerns about government debt/fiscal deficits putting upward pressure on bond yields.

Chart 10: Big conviction the Fed will cut rates next year...

Net % expecting higher global CPI vs net % expecting higher short-term rates



Despite improvement in growth expectations and stimulative fiscal policy...

...there's still a large consensus among FMS investors that inflation will slow further in next 12 months (net 81% expect lower global CPI)...

...driving biggest conviction that rate cuts will follow in upcoming year since Nov'08 (net 60%).



Chart 11: ...and bond yields to drop

Net % FMS investors expecting lower long-term rates (i.e. bond yields)

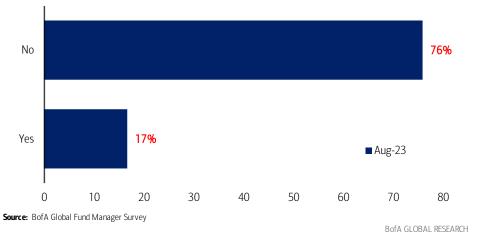


FMS investors remain bullish long-term rates. Net 10% expect bond yields to drop next 12 months, down from 15% in July and a record 19% in April.

Expectations for lower bond yields are still hovering near 20-year highs.

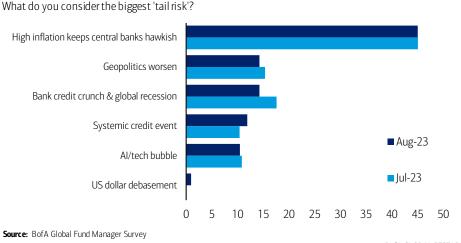
Chart 12: But fewer than 1 in 5 FMS investors say the Fed will lift its inflation target by Dec'24

Do you think the Fed will raise its inflation target in the next 18 months?



Big conviction for Fed rate cuts in the next year, yet few (17% yes vs 76% no) think that the Fed will lift its inflation target by Dec'24.

Chart 13: Inflation still biggest tail risk, credit crunch and geopolitics worries down

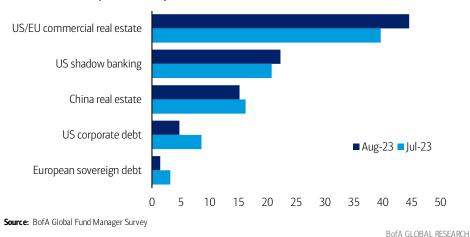


Aug'23 biggest tail risk: FMS investors say...

- 1. High inflation keeps central banks hawkish 45%
- 2. Geopolitics worsen 14%
- 3. Bank credit crunch & global recession 14%
- Systemic credit event 12% 4.
- 5. Al/tech bubble 10%

Chart 14: US/EU CRE still most likely credit event, China real estate concerns easing

What is the most likely source for a systemic credit event?



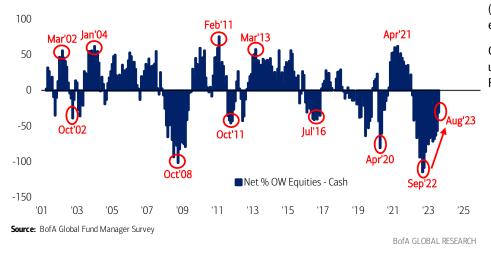






Source: BofA Global Fund Manager Survey, Bloomberg

Chart 16: Investors shifting out of cash and back into equities... Net % FMS Overweight Equities - Net % FMS Overweight Cash



Most likely source for a credit event: FMS investors say...

- US/EU commercial real estate 45% 1.
- 2. US shadow banking 22%
- China real estate 15% 3.
- US corporate debt 5% 4.
- 5. European sovereign debt 1%

Only 15% of FMS investors see China real estate as the most likely credit event.

FMS Financial Market Stability Risks Indicator falls to 4.3 from 5.2.

The FMS Financial Market Stability Risks Indicator is intended to be an indicative metric only and may not be used for reference purposes or as a measure of performance for any financial instrument or contract, or otherwise relied upon by third parties for any other purpose, without the prior written consent of BofA Global Research. The FMS Financial Market Stability Risks Indicator was not created to act as a benchmark.

More info and methodology on the FMS Financial Market Stability Risks Indicator can be found in the Nov'22 Global FMS.

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FMS investors now least OW cash since Sep'21 and shifted back into equities (allocation up 13ppt MoM to the least UW equities since Apr'23).

On a relative basis, investors are least underweight equities relative to cash since Feb'22.



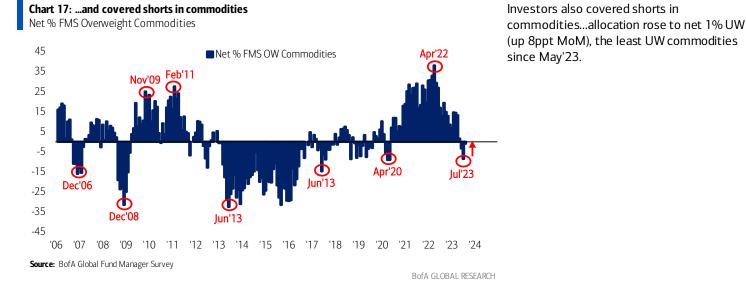
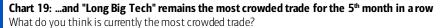
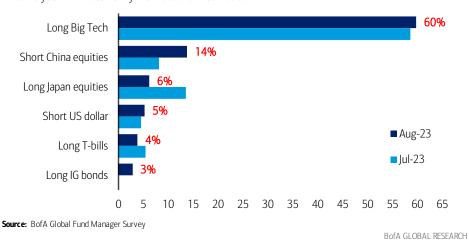


Chart 18: Tech allocation rises to the highest OW since Dec'21... Net % Overweight Technology



Allocation to tech continued to rise to net 19% OW, up 11ppt MoM to the highest OW since Dec'21.





Aug'23 most crowded trades: FMS investors say...

- Long Big Tech 60% 1.
- 2. Short China equities 14%
- Long Japan equities 6% 3.
- 4. Short US dollar 5%
- Long T-Bills 4% 5.
- 6. Long IG bonds 3%

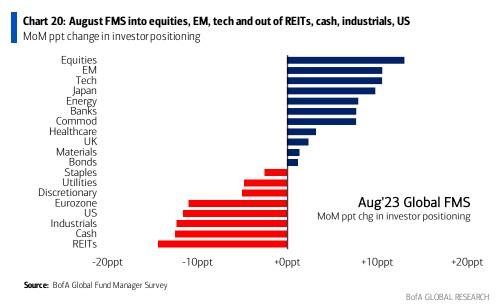
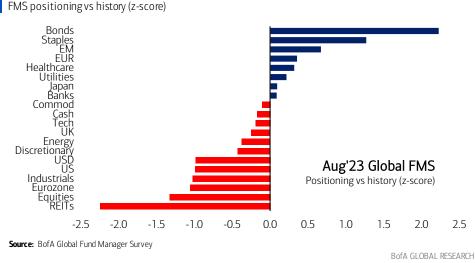


Chart 21: FMS OW bonds, staples, EM and UW REITs, equities, EU vs history



This chart shows FMS investor MoM changes in allocation.

In August, FMS investors rotated into stocks, EM/Japan, tech, energy, and out of REITs, cash, industrials, US/EU.

This chart shows FMS investor positioning relative to the average positioning of the past 20 years.

Relative to the past 20 years, investors are long bonds, staples, and EM stocks...

...and underweight equities, REITs, Eurozone, and industrials.

This chart shows absolute FMS investor

Bullish: EM, healthcare, alternatives, cash;

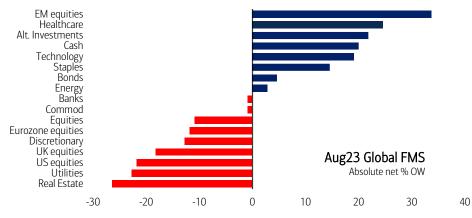
Bearish: real estate, utilities, US & UK,

positioning (net%)...

discretionary.

Chart 22: OW EM, healthcare & tech, alt & cash; UW real estate, utilities, US & UK

FMS positioning (absolute net % overweight)

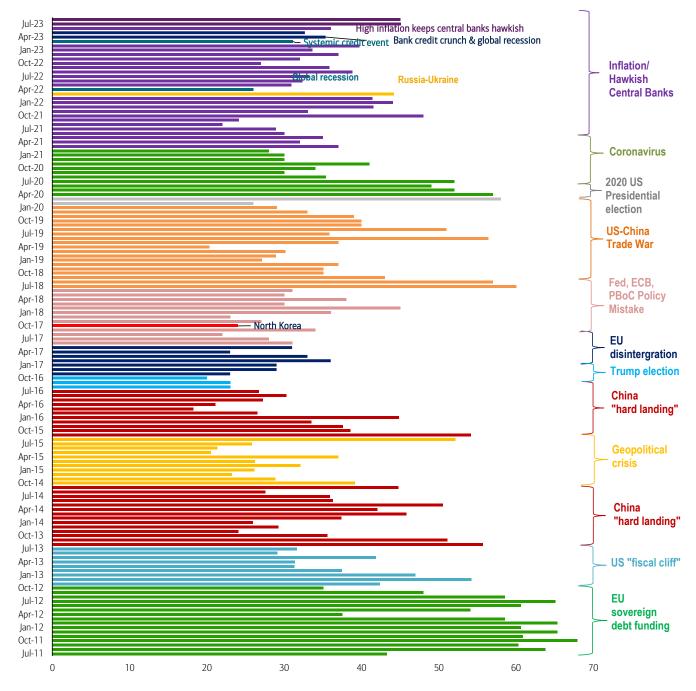


Source: BofA Global Fund Manager Survey, Bloomberg; AAII = American Association of Individual Investors



Chart 23: Evolution of Global FMS "biggest tail risk"

History of Global FMS "biggest tail risk" answers



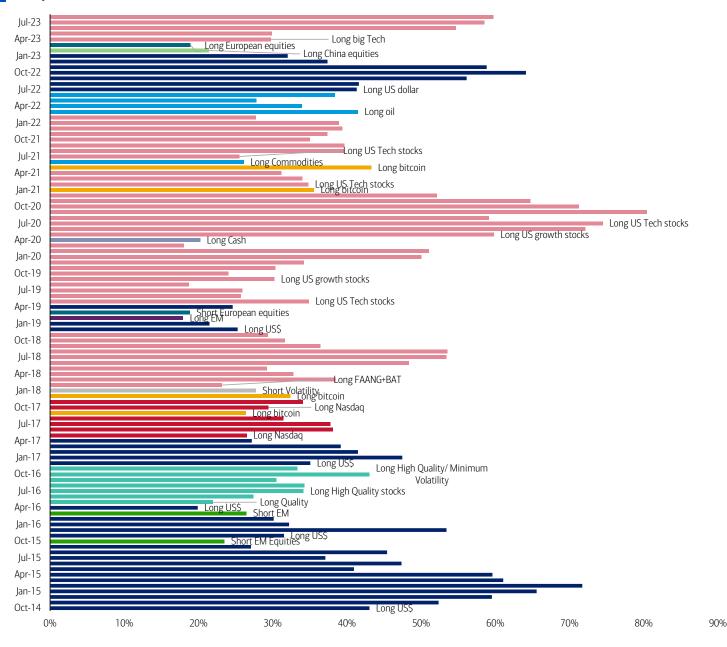
Source: BofA Global Fund Manager Survey

- This chart shows the full history of the biggest "tail risk" for markets from BofA's monthly Global Fund Manager Survey.
- The dominant concerns of investors since 2011 have been Eurozone debt & potential breakdown; Chinese growth; populism, quantitative tightening & trade wars, global coronavirus; now inflation/bond tantrum and central bank rate hikes.
- High inflation keeps central banks hawkish the top "tail risk" at 45% of FMS investors; #2 geopolitics worsen, #3 bank credit crunch & global recession #4 systemic credit event.



Chart 24: Evolution of Global FMS "most crowded trade"

History of Global FMS "most crowded trade" answers



Source: BofA Global Fund Manager Survey

- This chart shows the full history of the most "crowded trade" according to BofA's monthly Global Fund Manager Survey.
- The market leadership has been relatively narrow since 2013, shifting from high yielding debt; long US\$; long Quality; long Tech; long Emerging Markets; long US Treasuries, long US tech & growth stocks, long Bitcoin, long commodities, long tech, long commodities, long US dollar.
- Long Big Tech is the most crowded trade followed by #2 Short China equities, #3 Long Japan equities, #4 Short US dollar.

BofA Global FMS Rules & Tools

The Global FMS Rules & Tools are designed to help investors determine risk appetite, rotation opportunities, and tactical entry points.

Table 1: BofA Global FMS Cash Rule and Bull & Bear Indicator

Current reading of BofA Global FMS Cash Rule and Bull & Bear Indicator

	Category	Current reading	Current signal
BofA Global FMS Cash Rule	Contrarian	4.8%	Neutral
Buy global equities when cash at or above 5.0%; sell when cash at or below 4.0%			
BofA Bull & Bear Indicator	Contrarian	4.1	Neutral
Buy global equities when the indicator falls below 2.0; sell when it rises above 8.0			
Source: BofA Global Investment Strategy			

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Disclaimer: The indicators identified as BofA Global FMS Cash Rule and BofA Bull & Bear Indicator above are intended to be indicative metrics only and may not be used for reference purposes or as a measure of performance for any financial instrument or contract, or otherwise relied upon by third parties for any other purpose, without the prior written consent of BofA Global Research. These indicators were not created to act as a benchmark.

For full details please see: Global Investment Strategy: The BofA Global FMS Rules & Tools, 12 November 2020.



Investors on the Macro



July FMS showed net 45% of investors expect a weaker economy in next 12 months, down 15ppt MoM in the largest monthly improvement in sentiment since Feb'23.

Chart 26: Inflation expectations

Net % of FMS investors expecting higher inflation



Net 81% of FMS investors expect lower global CPI in the next 12 months, up 3ppt MoM.

Expectations for lower global CPI remain near the Dec'22 record high of 90%.

Source: BofA Global Fund Manager Survey.

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Investor Risk Appetite

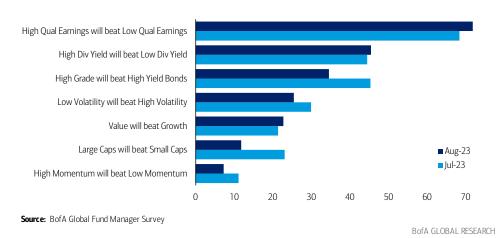
Chart 27: What level of risk do you think you're currently taking in your investment? Net% of FMS investors taking higher than normal risk levels



Net 32% of FMS investors say they are currently taking lower-than-normal risk levels, down 7ppt MoM to least risk-averse since Feb'23.

Chart 28: Over the next 12 months, how likely do you think it is that...

Over the next 12 months, net % FMS investors think...



In August, the move in favor of risk assets continued: investors shifted toward small caps > large caps (11ppt MoM), high yield > high grade bonds (10ppt), and low-vol > high-vol (5ppt).

That said, investors continue to favor large caps (12%), high-grade bonds (35%), and lowvolatility (25%).

Investors continue to expect high-quality earnings to beat low-quality (72%).

The chart shows the individual z-scores of each response to how FMS investors rated potential risks to financial market stability since '07.



Chart 29: Components of the FMS Financial Market Stability Risks Indicator

2 0 -7 -4 -6 -8 Less risk '07 '09 '11 '13 '15 '17 '19 '21 '23

Source: BofA Global Fund Manager Survey

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Investors on EPS & Leverage



Net 35% of investors think profits will worsen in next 12 months, down 15ppt MoM to the most optimistic profit expectations since Feb'22.

This is also the biggest improvement in expectations since Nov'21.



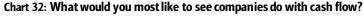
Chart 31: Corporate balance sheets

Net% of FMS investors saying companies are overleveraged



The net percentage of FMS investors saying companies are overleveraged was down 2ppt MoM to net 14%.

Source: BofA Global Fund Manager Survey



What FMS investors would most like to see companies do with cash flow

- 100 ——Increase capital spending
- 90 ——Improve balance sheets (e.g. repay debt, address pension liabilities)



Source: BofA Global Fund Manager Survey

44% of FMS investors want corporates to improve balance sheets over increasing capital spending (32%) or returning cash to shareholders (17%).

Investors in Aug became more focused on companies increasing capex (+5ppt MoM) and less focused on improving balance sheets (-6ppt MoM).

The last time investors were this focused on companies increasing capex was in May'22.

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FMS Asset Allocation



FMS equity allocation jumped 13ppt MoM to net 11% underweight, highest since Apr'22.

Current allocation is 1.3 stdev below its long-term average.

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FMS investors' bond allocation was up 2ppt MoM to net 5% overweight.

Investors have been OW bonds for 8 out of 9 months in 2023, after a 14-year UW streak which ended in 2022.

Current allocation is 2.2 stdev above its long-term average.



Source: BofA Global Fund Manager Survey, Datastream

Net% of FMS investors overweight cash

Chart 35: Net % AA Say they are overweight Cash



FMS cash allocation dropped 12ppt MoM to net 20% overweight.

Cash allocation is now the lowest since Sep'21.

Current allocation is 0.2 stdev below its long-term average.



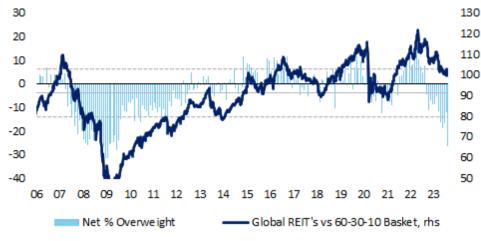
Source: BofA Global Fund Manager Survey, Datastream

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Chart 34: Net % AA Say they are overweight Bonds Net% of FMS investors overweight bonds

Chart 36: Net % AA Say they are overweight Real Estate

Net% of FMS investors overweight Real Estate



Source: BofA Global Fund Manager Survey, Datastream

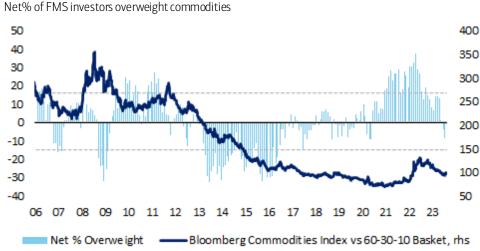


Chart 37: Net % AA Say they are overweight Commodities

Allocation to real estate collapsed 14ppt MoM to net 26% underweight.

This is the lowest allocation to real estate since the GFC (Mar'09).

Current allocation is 2.2 stdev below its long term average.

Allocation to commodities increased 8ppt MoM to net 1% underweight.

This was the first monthly increase in allocation to commodities, after five straight months of declining allocation.

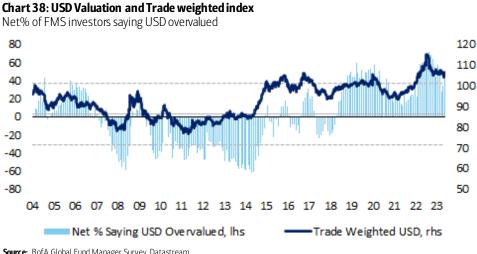
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Current allocation is 0.1 stdev below its long-term average.

Source: BofA Global Fund Manager Survey, Datastream.

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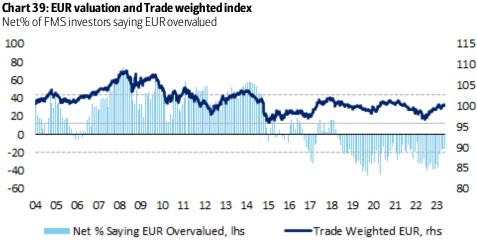
Currencies extremes



FMS investors saying the US\$ is overvalued jumped 10ppt MoM (and up 17ppt over the past 2 months) to net 45%.

Current valuations are 1.2 stdev above the long-term average.





Source: BofA Global Fund Manager Survey, Datastream

Chart 40: GBP valuation and Trade weighted index



Net 5% of FMS investors now think GBP is undervalued, vs. fairly valued last month.

Current valuations are 0.4 stdev below the long-term average.

Source: BofA Global Fund Manager Survey, Datastream

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FMS investors saying EUR is undervalued was down 1ppt to net 15%.

Investors saying EUR is undervalued has fallen 19ppt since Apr'23, but declines have stabilized in the past 2 months.

Current valuations are 0.9 stdev below the long-term average.

Investor Regional Equity Allocation



Allocation to US equities dropped 12ppt MoM to net 22% underweight, almost fully reversing last month's 15ppt increase in allocation.

Current allocation is 1.0 stdev below its long-term average.

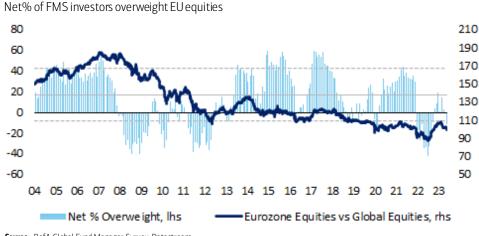


Chart 42: Net % AA Say they are overweight Eurozone Equities

Allocation to Eurozone equities dropped 11ppt MoM to net 12% UW.

Eurozone equity allocation has collapsed 26ppt since May, the largest 3-month decline since Sep'22.

Current allocation is 1.1 stdev below its long-term average.

Source: BofA Global Fund Manager Survey, Datastream

Chart 43: Net % AA Say they are overweight GEM Equities

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Allocation to EM equities jumped 11ppt MoM to net 34% overweight, highest since Mar'23.

Investors have been overweight EM equities for the last 9 months, after having been underweight for most of 2022.

Current allocation is 0.7 stdev above its long-term average.

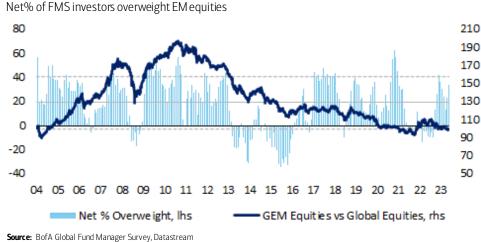




Chart 44: Net % AA Say they are overweight Japanese Equities Net% of FMS investors overweight Japanese equities 80 210 190 60 170 40 150 20 130 0 110 -20 90 -40 70 -60 50 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 FMS Net % OW JP Equities, lhs Japan Equities vs Global Equities, rhs

04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

FMS allocation to Japanese equities increased 9ppt MoM to net 6% overweight, highest allocation since Nov'21.

Current allocation is 0.1 stdev above its long-term average.

Source: BofA Global Fund Manager Survey, Datastream

Net% of FMS investors overweight UK equities

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250

230

210

190 170

150

130 110

90

70

50

FMS allocation to UK equities was up 3ppt MoM to net 18% underweight.

Current allocation is 0.3 stdev below its long-term average.

20 10 0 -10

Chart 45: Net % AA Say they are overweight UK Equities

Source: BofA Global Fund Manager Survey, Datastream

Net % Overweight, lhs

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UK Equities vs Global Equities, rhs



-20

-30

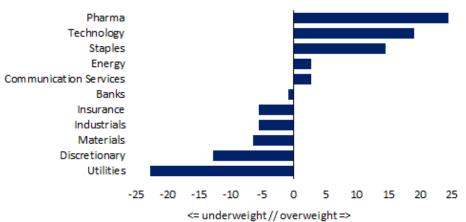
-40

-50

Investor Sector Allocation

Chart 46: Global Sector Sentiment

% saying overweight - % saying underweight



August saw FMS investors buying into tech, energy, and banks, and selling out of industrials, discretionary, and utilities.

FMS investors are the most (net) overweight pharma, tech, and staples, and the most (net) underweight utilities and discretionary.



Chart 47: Global Banks



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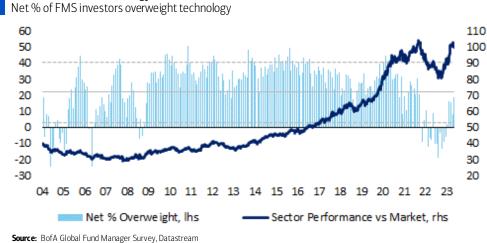
Allocation to banks increased 8ppt MoM to net 1% underweight.

Allocation to banks is now the highest since Mar'23, but still well below the net 22% OW in Feb'23 (pre-SVB).

Current reading is 0.1 stdev above its long-term average.

urce: BorA Globari und Manager Survey, Datastream

Chart 48: Global Technology



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Allocation to technology increased 11ppt MoM to net 19% overweight.

This is the highest allocation to tech since Dec'21.

Current reading is 0.2 stdev below its long-term average.



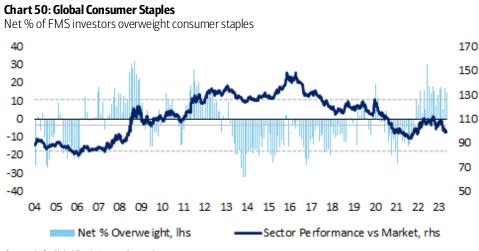
Chart 49: Global Utilities



Allocation to utilities was down 5ppt MoM to net 23% underweight, lowest since Feb'22.

Current reading is 0.2 stdev above its long-term average.

Source: BofA Global Fund Manager Survey, Datastream



Allocation to staples was down 2ppt MoM to net 15% overweight.

Current reading is 1.3 stdev above its long-term average.

Source: BofA Global Fund Manager Survey, Datastream

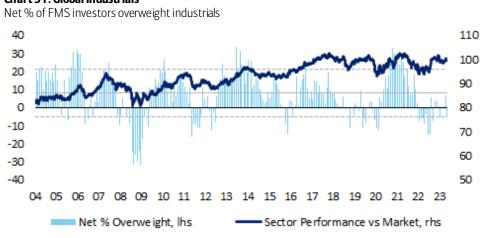


Chart 51: Global Industrials

Allocation to industrials dropped 12ppt MoM to net 5% underweight, lowest since Apr'23.

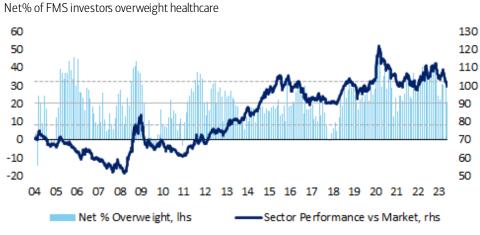
Current reading is 1.0 stdev below its long-term average.

Source: BofA Global Fund Manager Survey, Datastream

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Chart 52: Global Healthcare



Allocation to healthcare was up 4ppt MoM to net 25% overweight.

FMS investors have kept their net overweight on healthcare continuously since Jan'18.

Current reading is 0.3 stdev above its longterm average.

Source: BofA Global Fund Manager Survey, Datastream

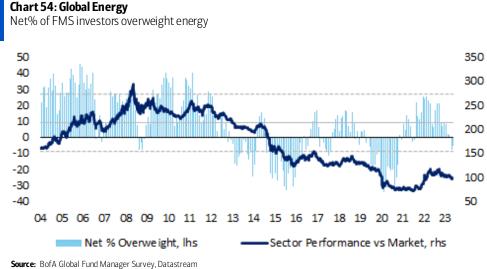
Chart 53: Global Materials

Net% of FMS investors overweight materials



Allocation to materials was up 2ppt MoM to net 6% underweight.

Current reading is 0.3 stdev below its longterm average.



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Allocation to energy increased 8pt MoM to net 3% overweight.

Current reading is 0.4 stdev below its longterm average.



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Global survey demographics data

Table 2: Position / Institution / Approach to Global Equity Strategy Position / Institution / Approach to Global Equity Strategy

	Aug-23	Jul-23	Jun-23
Structure of the panel - by position	0		
Chief Investment Officer	38	32	39
Asset Allocator / Strategist / Economist	66	67	68
Portfolio Manager	99	113	124
Other	8	10	16
Structure of the Panel - by expertise			
Global Specialists Only	110	117	119
Regional Specialists With a Global View	101	105	128
Total # of Respondents to Global Questions	211	222	247
Which of the Following Best Describes the Type o Money You are Running?	of		
Institutional funds (e.g. pension funds / insurance companies)	62	73	86
Hedge funds / proprietary trading desks	30	29	31
Mutual funds / unit trusts / investment trusts	86	93	96
None of the above	33	27	34
What Do You Estimate to be the Total Current Value of Assets Under Your Direct Control? Up to \$250mn Around \$500mn Around \$1bn	40 33 31	39 33 34	42 34 38
Around \$2.5bn	29	33	33
Around \$5bn	12	13	15
Around \$7.5bn	6	4	6
Around \$10bn or more	31	35	44
No funds under my direct control	29	31	35
Total (USD bn)	545	588	708
What best describes your investment time horizon at this moment?			
3 months or less	56	53	66
6 months	66	64	77
9 months	27	27	22
12 months or more	59	76	79
Weighted average	7.3	7.7	7.4
Don't know	3	2	3
Source: BofA Global Fund Manager Survey			

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Investment rating	Total return expectation (within 12-month period of date of initial rating)	Ratings dispersion guidelines for coverage cluster ^{R1}
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Neutral	≥ 0%	≤ 30%
Underperform	N/A	≥ 20%

^{R1}Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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