

Foreign Exchange Indicators

May 2025

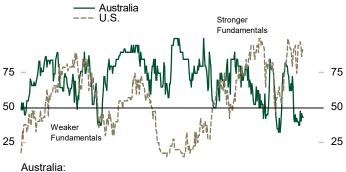
Australia2
Canada
Euro Area
apan
New Zealand
Norway12
Singapore14
Sweden
Switzerland
J.K
Emerging Markets
J.S

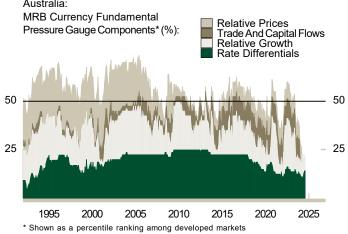
Australia: Underweight

Fundamental Pressures

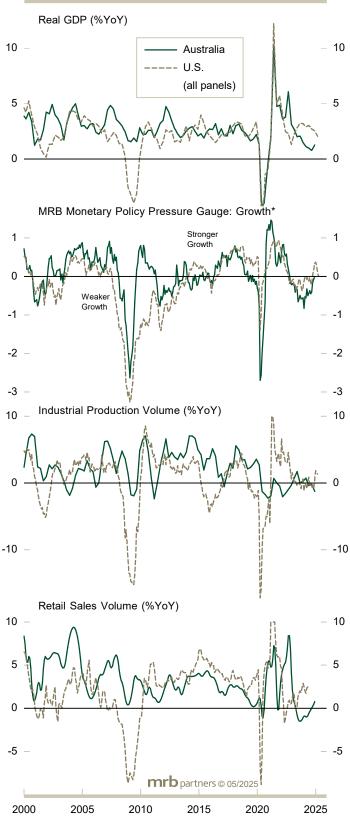


MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:

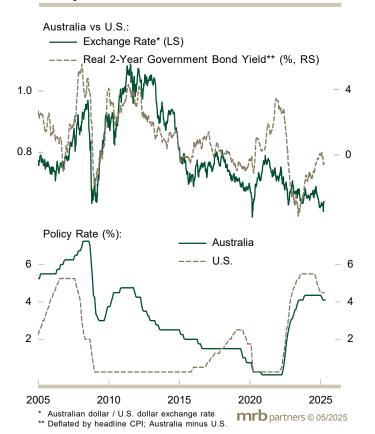




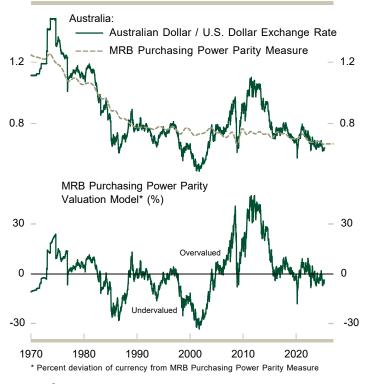
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^{*} Includes business & consumer sectors, labor market & financial conditions; standardized

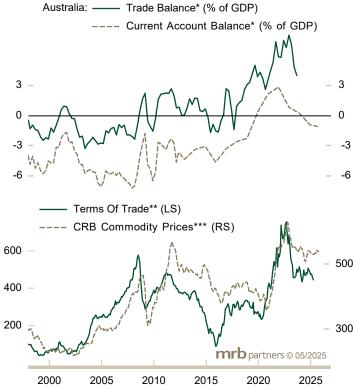


Valuation

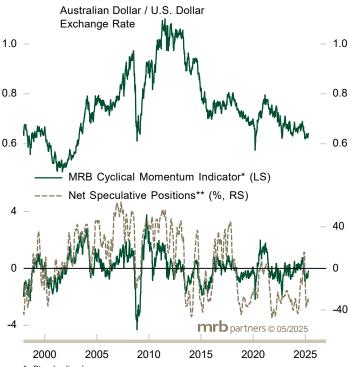


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Trade/Capital Flows



- * Source: OECD
- ** Rebased; sources: Australian Bureau of Statistics and Citigroup Global Markets
- *** Advanced 6 months; source: Commodity Research Bureau



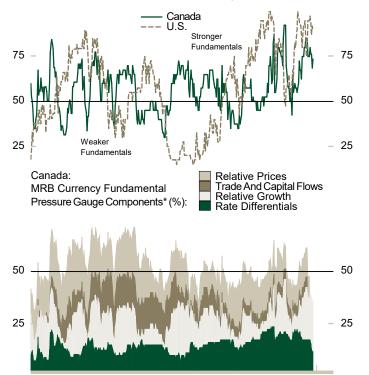
- * Standardized
- ** Total long positions minus total short positions divided by open interest; smoothed; source: Chicago Mercantile Exchange

Canada: *Underweight*

Fundamental Pressures



MRB Currency Fundamental Pressure Gauge*(%): Relative Growth And Rate Differentials Components:



2010

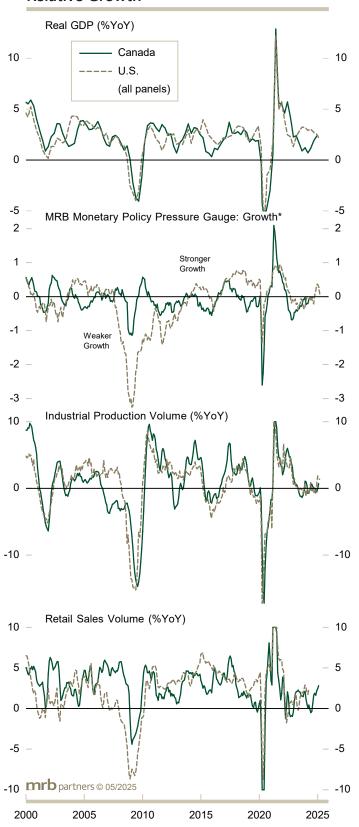
2015

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2000

2005

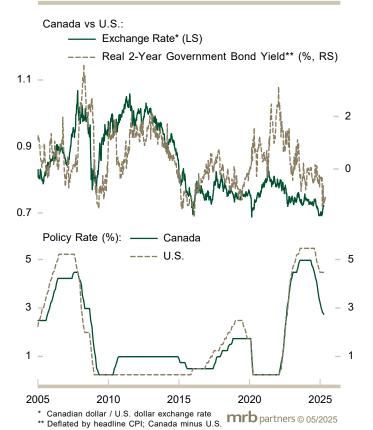
Relative Growth



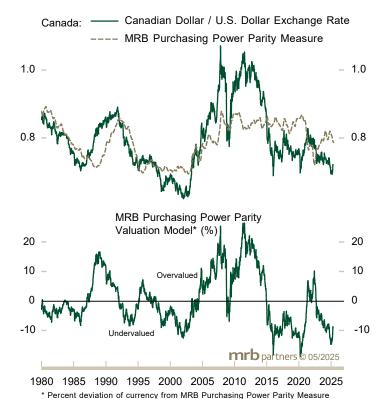
^{*} Includes business & consumer sectors, labor market & financial conditions; standardized

2020

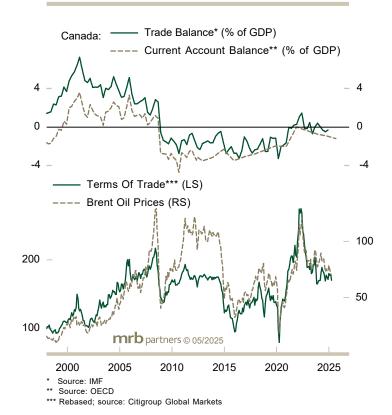
2025

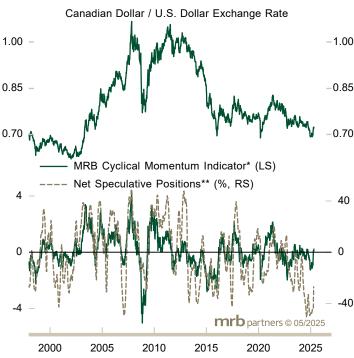


Valuation



Trade/Capital Flows



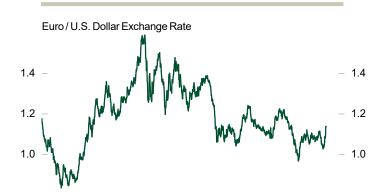


^{*} Standardized

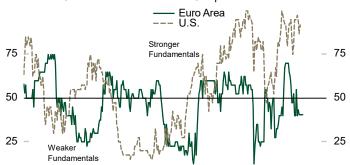
^{**} Total long positions minus total short positions divided by open interest; smoothed; source: Chicago Mercantile Exchange

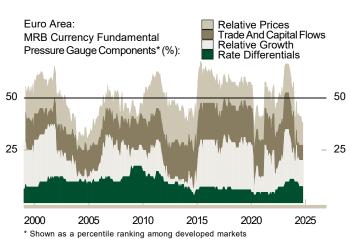
Euro Area: *Neutral*

Fundamental Pressures



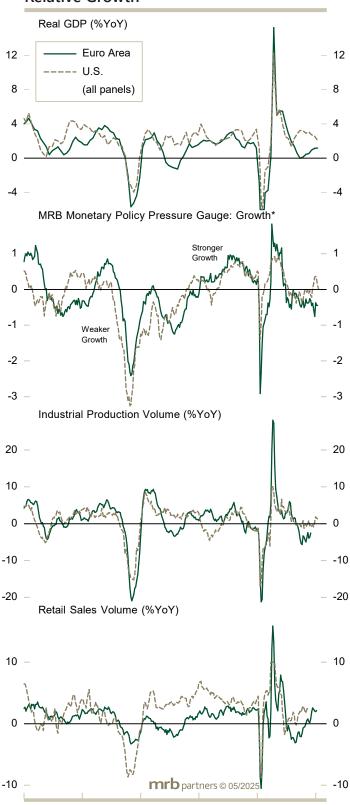
MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:





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Relative Growth



Includes business & consumer sectors, labor market & financial conditions; standardized

2015

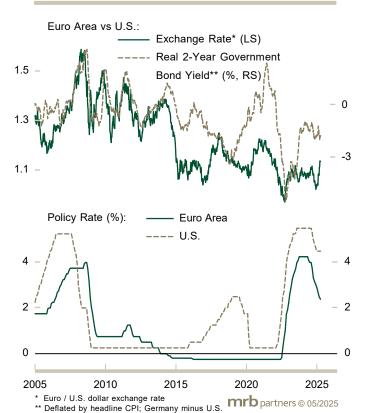
2020

2010

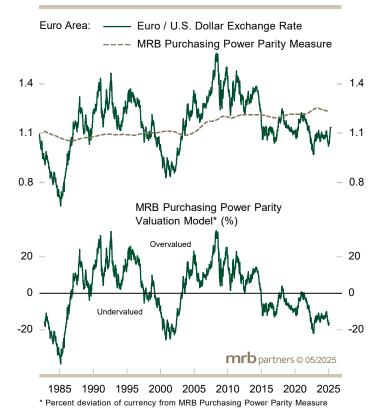
2000

2005

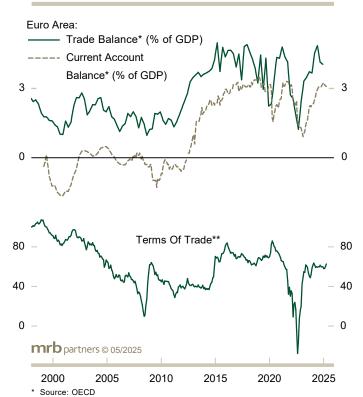
2025

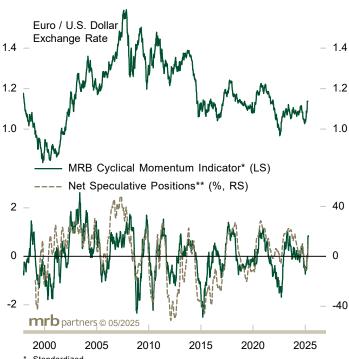


Valuation



Trade/Capital Flows





Standardized

^{**} Rebased; source: Citigroup Global Markets

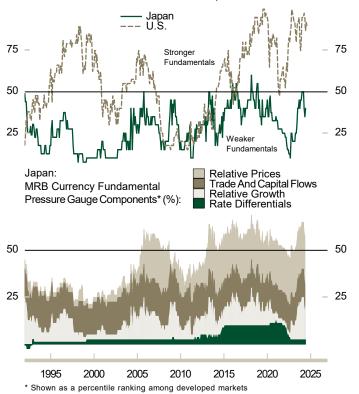
^{**} Total long positions minus total short positions divided by open interest; smoothed; source: Chicago Mercantile Exchange

Japan: Overweight

Fundamental Pressures

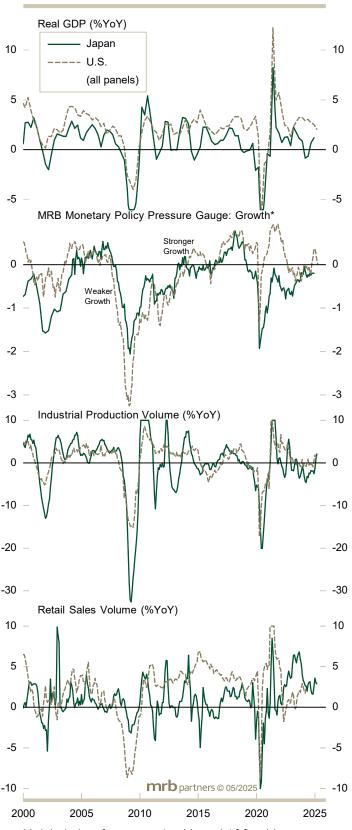


MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:



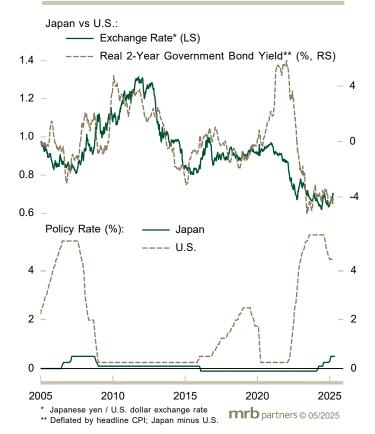
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Relative Growth

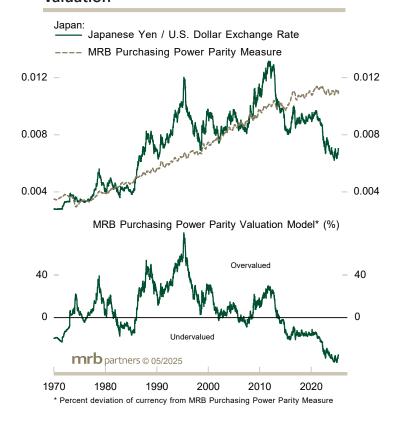


 Includes business & consumer sectors, labor market & financial conditions; standardized

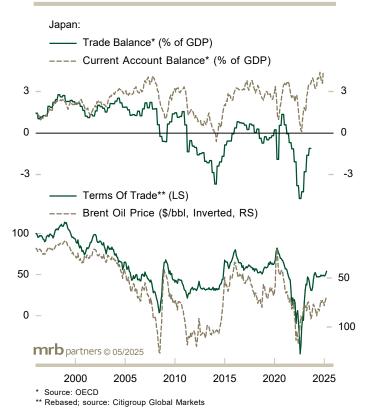
8



Valuation



Trade/Capital Flows





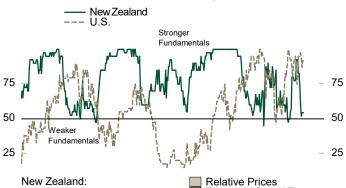
^{**} Total long positions minus total short positions divided by open interest;

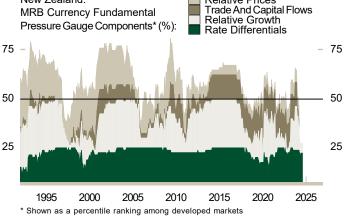
New Zealand: Underweight

Fundamental Pressures

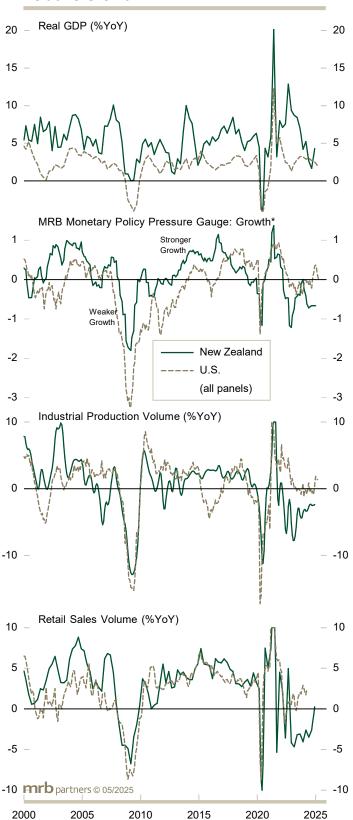


MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:

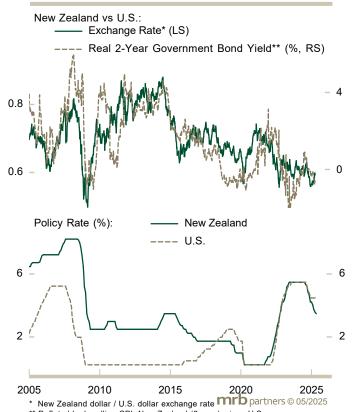




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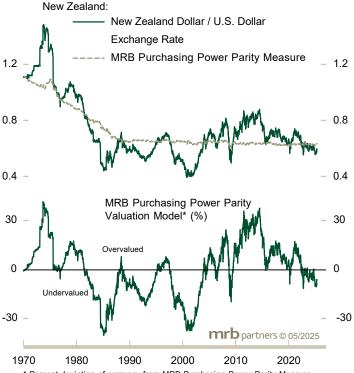


Includes business & consumer sectors, labor market & financial conditions; standardized



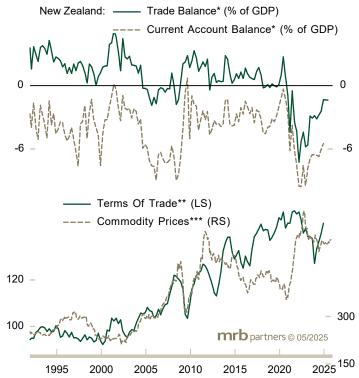
** Deflated by headline CPI; New Zealand (3-year) minus U.S.

Valuation

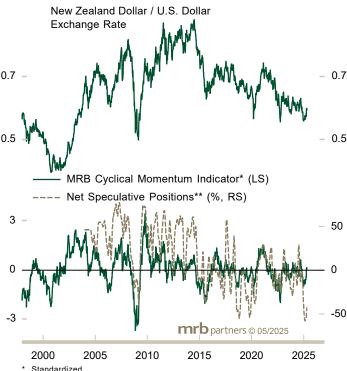


* Percent deviation of currency from MRB Purchasing Power Parity Measure

Trade/Capital Flows



- Source: OECD
- Rebased to January 1995 = 100; source: Statistics New Zealand
- *** Advanced 6 months; source: Australia and New Zealand Banking Group



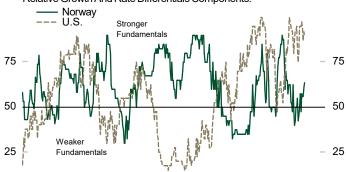
- ** Total long positions minus total short positions divided by open interest:

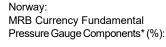
Norway: *Underweight*

Fundamental Pressures

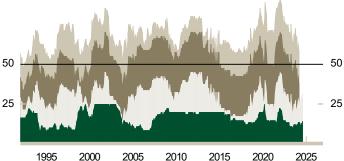


MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:





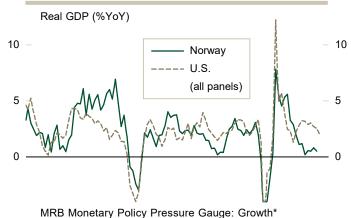


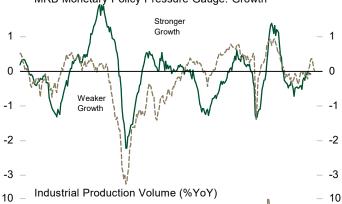


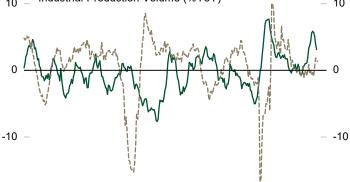
^{*} Shown as a percentile ranking among developed markets

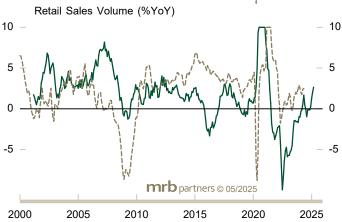
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Relative Growth

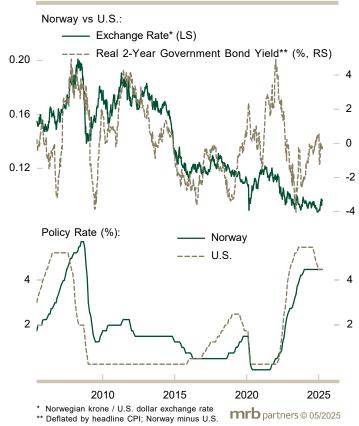






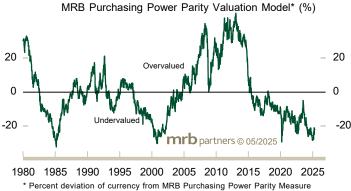


* Includes business & consumer sectors, labor market & financial conditions; standardized

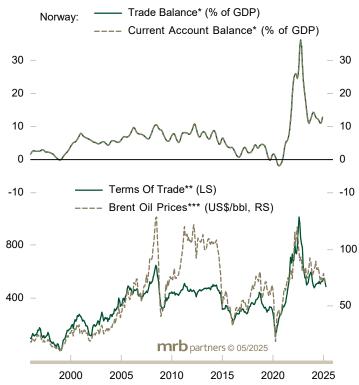


Valuation





Trade/Capital Flows

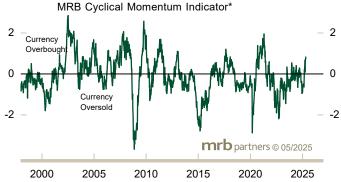


Source: OECD

Rebased; source: Citigroup Global Markets Continuous Commodity Index; source: Commodity Reseach Bureau

Technicals

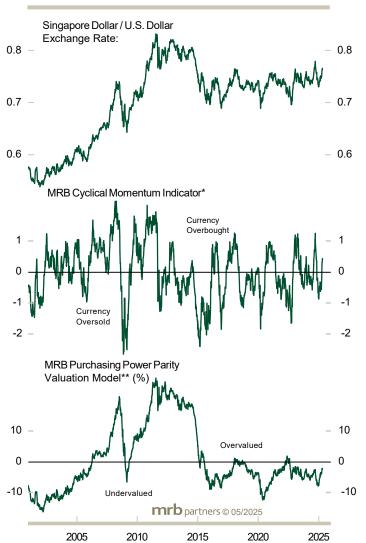




* Norwegian krone / U.S. dollar exchange rate; standardized

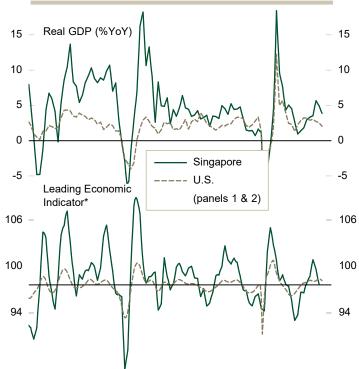
Singapore: Overweight

Technicals And Valuation

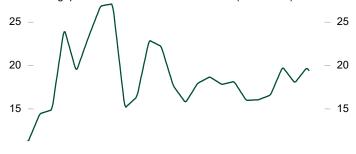


* Standardized
** Percent deviation of currency from MRB Purchasing Power Parity Measure

Macro Fundamentals



Singapore: Current Account Balance** (% of GDP)





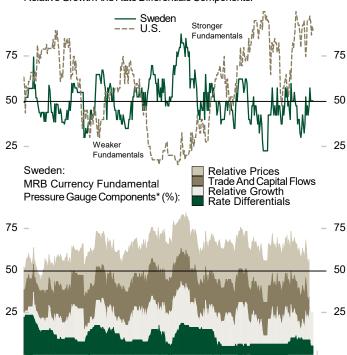
- Deviation from trend; U.S. truncated below 90; sources: Statistics Singapore and The Conference Board
- ** Source: IMF
- *** Rebased; smoothed; source: Citigroup Global Markets

Sweden: Underweight

Fundamental Pressures



MRB Currency Fundamental Pressure Gauge* (%): Relative Growth And Rate Differentials Components:



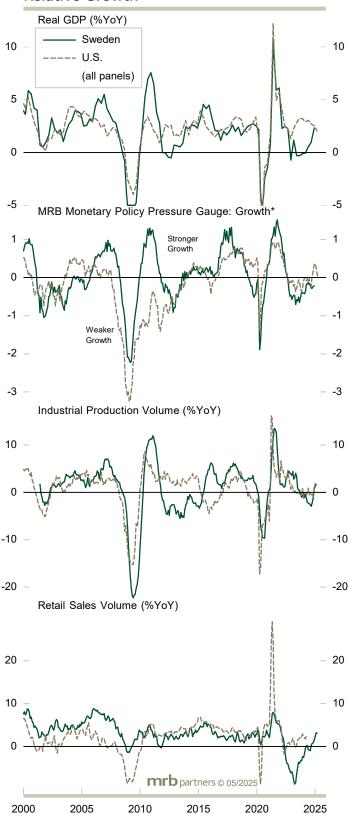
* Shown as a percentile ranking among developed markets

2005

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1995

Relative Growth

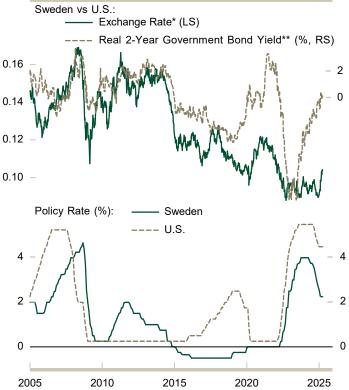


* Includes business & consumer sectors, labor market & financial conditions; standardized

2020

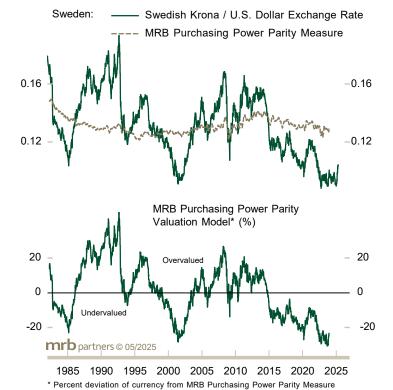
2015

2025

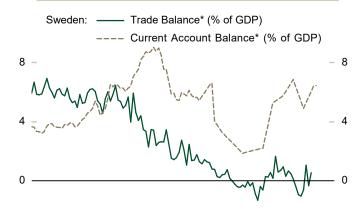


- Swedish krona / U.S. dollar exchange rate
- ** Deflated by headline CPI; Sweden minus U.S. mrb partners © 05/2025

Valuation

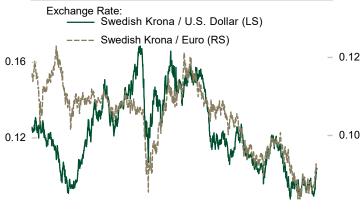


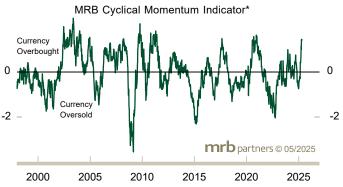
Trade/Capital Flows





- Smoothed; source: IMF, OECD and Statistics Sweden
- ** Source: Statistics Sweden

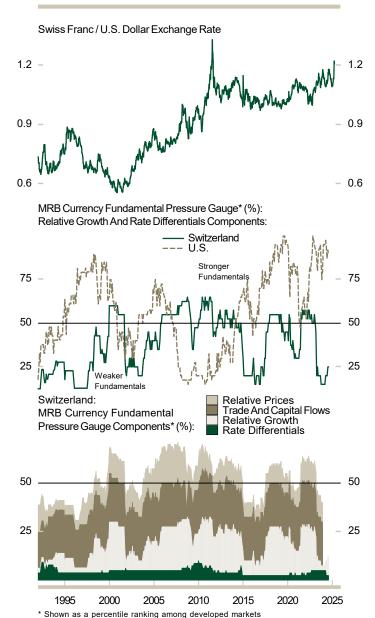




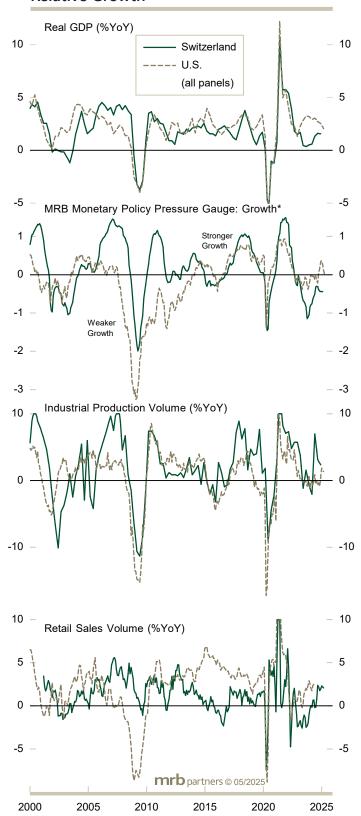
Swedish krona / U.S. dollar exchange rate; standardized

Switzerland: Neutral

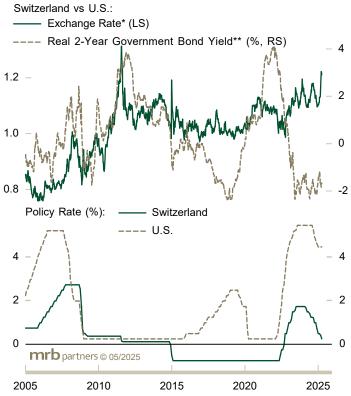
Fundamental Pressures



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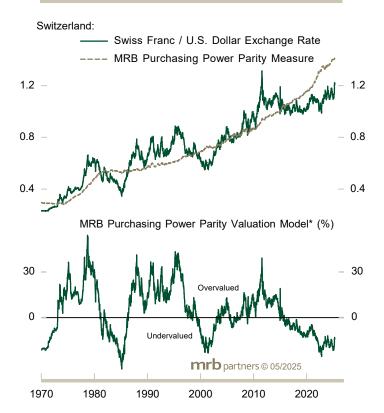


 ^{*} Includes business & consumer sectors, labor market & financial conditions; standardized

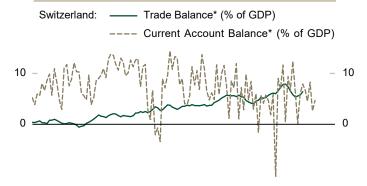


- * Swiss franc / U.S. dollar exchange rate
 ** Deflated by headline CPI: Switzerland minus U.S.

Valuation

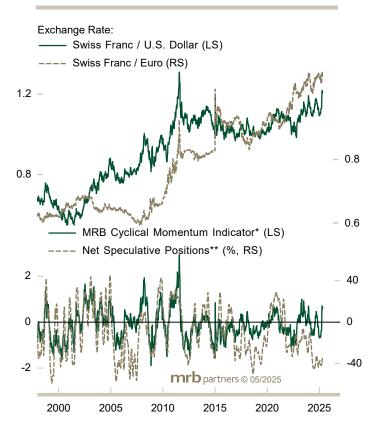


Trade/Capital Flows



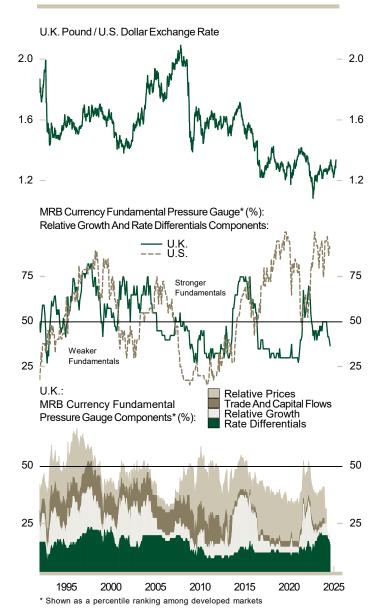


** Rebased; source: Citigroup Global Markets

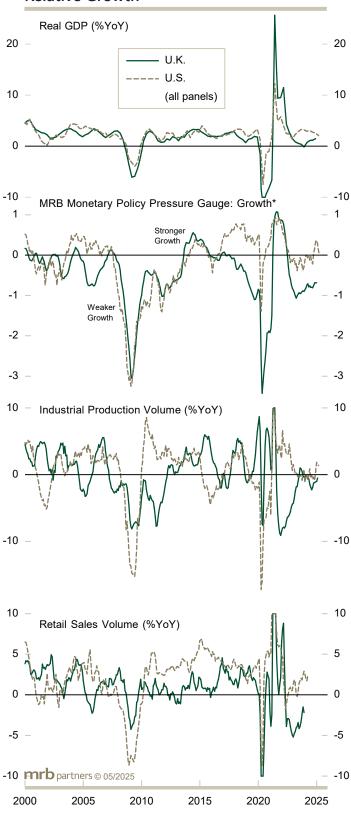


U.K.: *Underweight*

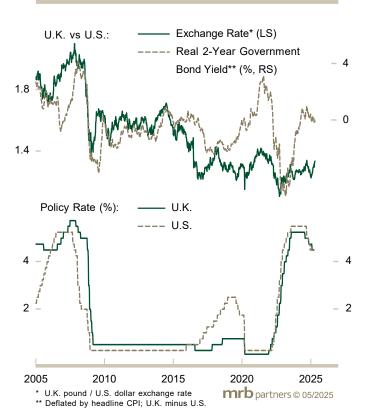
Fundamental Pressures



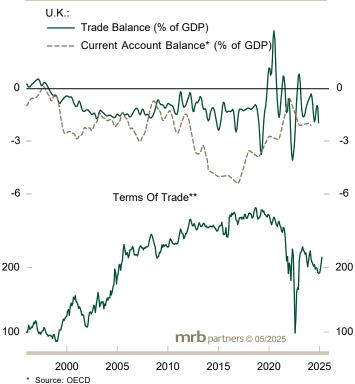




^{*} Includes business & consumer sectors, labor market & financial conditions; standardized



Trade/Capital Flows

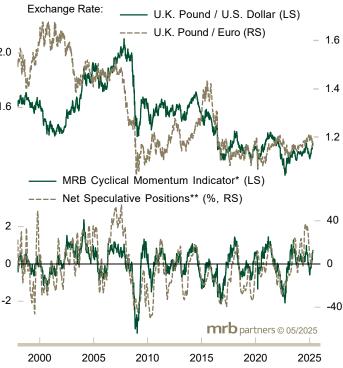


- ** Rebased; source: Citigroup Global Markets

Valuation



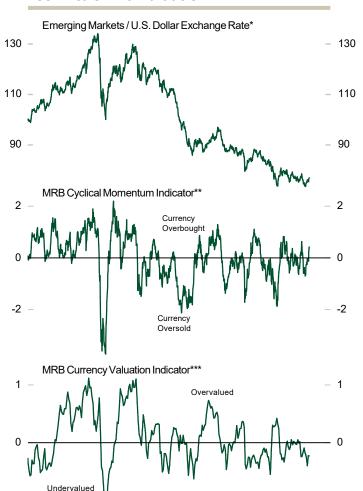
* Percent deviation of currency from MRB Purchasing Power Parity Measure



- U.K. pound / U.S. dollar exchange rate; standardized
- Total long positions minus total short positions divided by open interest; smoothed; source: Chicago Mercantile Exchange

Emerging Markets: Overweight

Technicals And Valuation



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2020

2025

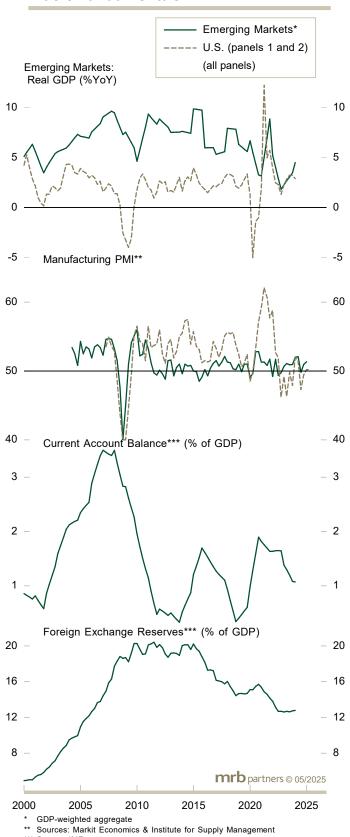
*** Source: IMF

2015

- Rebased; source: MSCI
- 2005
- *** Deviation from MRB Fair Value Estimate; standardized

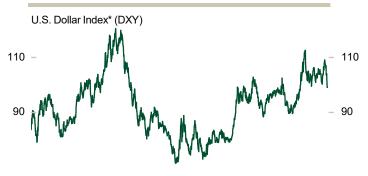
2010

Macro Fundamentals

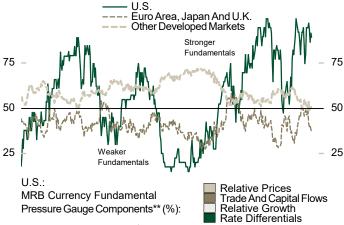


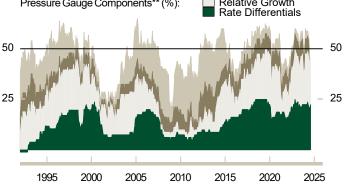
U.S.: Underweight

Fundamental Pressures



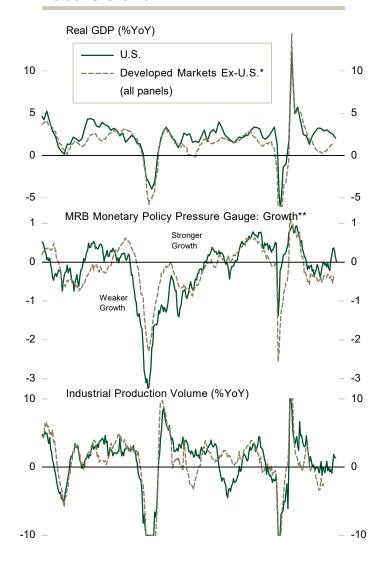
MRB Currency Fundamental Pressure Gauge** (%): Relative Growth And Rate Differentials Components:





- * Source: Bloomberg
- ** Shown as a percentile ranking among developed markets

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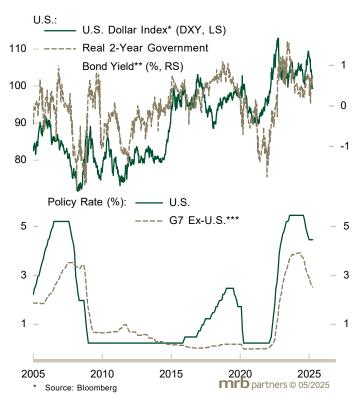
- * GDP-weighted aggregate
- ** Includes business & consumer sectors, labor market & financial conditions; standardized

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2020

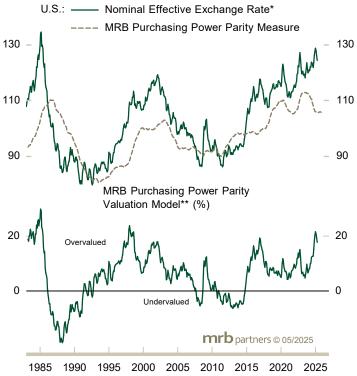
2025

Policy/Rate Differentials



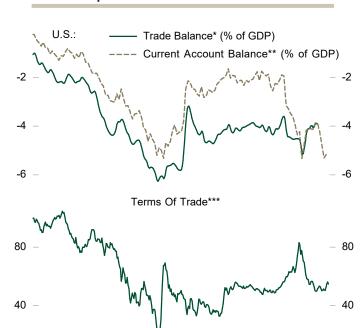
- ** Deflated by headline CPI; U.S. minus G7
 *** GDP-weighted aggregate

Valuation



- * Source: J.P. Morgan Chase & Co.
- ** Percent deviation of currency from MRB Purchasing Power Parity Measure

Trade/Capital Flows



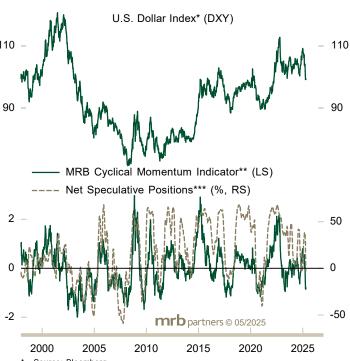
2010

2015

- 2005 6-month moving average; source: OECD
- Source: OECD

2000

*** Rebased; source: Citigroup Global Markets



- Source: Bloomberg
- Standardized
- *** Total long positions minus total short positions divided by open interest; smoothed; source: Chicago Mercantile Exchange



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