

Macro Road Signs

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Africa

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Algeria	17	Côte d'Ivoire	22	Ghana	27	Morocco	32	Senegal	37
Angola	18	Egypt	23	Guinea	28	Mozambique	33	Tanzania	38
Botswana	19	Ethiopia	24	Kenya	29	Namibia	34	Tunisia	39
Cameroon	20	Gabon	25	Malawi	30	Nigeria	35	Uganda	40
Congo (Democratic Republic)	21	Gambia	26	Mauritius	31	Rwanda	36	Zambia	41

CEMEA

	42								
Bulgaria	43	Iceland	48	Romania	53	Turkey	58		
Croatia	44	Israel	49	Serbia	54				
Czech Rep	45	Latvia	50	Slovakia	55				
Estonia	46	Lithuania	51	Slovenia	56				
Hungary	47	Poland	52	South Africa	57				

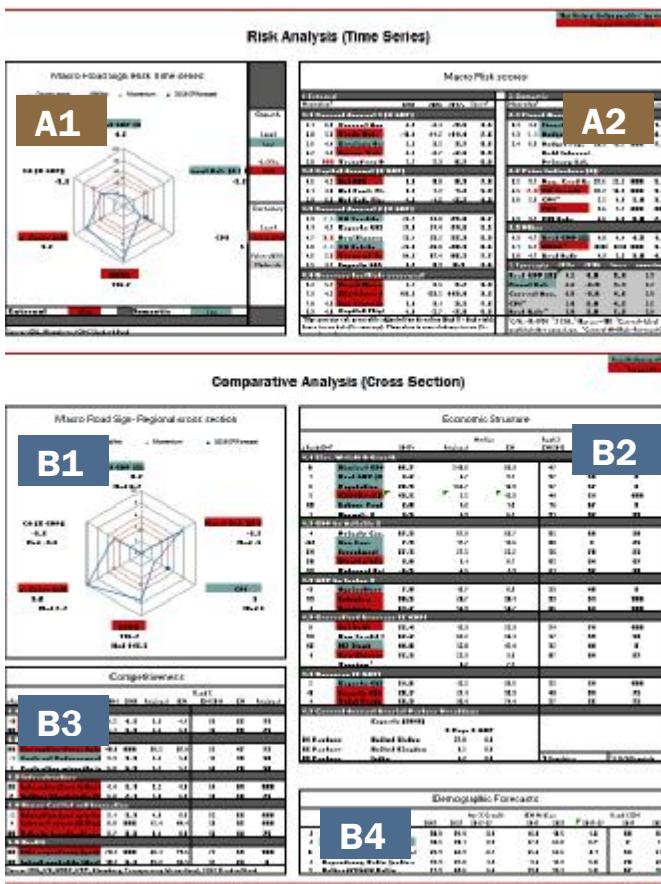
CIS

	59								
Armenia	60	Kyrgyz Republic	65	Ukraine	70				
Azerbaijan	61	Moldova	66	Uzbekistan	71				
Belarus	62	Russia	67						
Georgia	63	Tajikistan	68						
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E Asia	72						
Cambodia	73	Malaysia	78	South Korea	83		
China	74	Mongolia	79	Taiwan	84		
Hong Kong	75	Myanmar	80	Thailand	85		
Indonesia	76	Philippines	81	Vietnam	86		
Laos	77	Singapore	82				
Gulf	87						
Bahrain	88	United Arab Emirates	93				
Kuwait	89						
Oman	90						
Qatar	91						
Saudi Arabia	92						
LatAm	94						
Argentina	95	Colombia	100	Honduras	105	Peru	110
Barbados	96	Dominican Rep	101	Jamaica	106	Uruguay	111
Bolivia	97	El Salvador	102	Mexico	107	Venezuela	112
Brazil	98	Ecuador	103	Panama	108		
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Road Signs

Basic Structure



Time series analysis

- Baseline to own 10yr history
- Bias to flow variables
- Tracks short term momentum and 10yr trend

Assessing economic RISK

Cross sectional analysis

- Baseline to other economies at a point in time
- Bias to stock variables
- Ranks against peers now and on a trend basis

Assessing economic STRUCTURE

A1. Macro Road Sign: Risk Time Series

- Visual aid to 6 key variables
- Scored on scale of 1-10
- High score means high pressure
- Scores adjusted for direction as linear or inverse
- Scores can be interpreted as scaled percentile rank of the most recent reading in a sample of the last 10 yrs.
- For example a reading of 9.0 means 90th percentile or 40 percentage points above the long term trend
- 4 hemispheres representing external pressure, domestic pressure, growth quality and currency vulnerability
- Dots represent momentum and are expressed in units of standard deviation transformed into percentile scores. High numbers is high negative momentum and low is high positive momentum
- Next year's CPI forecast also appears on the road sign as this is an important policy driver

A2. Macro Risk Scores

- Table providing detailed account of underlying or related data to road sign
- 3 most recent raw data numbers
- 2 most recent momentum scores
- Most recent risk scores
- Scores in the top quartile are coloured red**

B1. Macro Road Sign: Regional Cross Section

- Scores represent the scaled percentile rank across the most recent regional sample
- Otherwise similar to time series road sign

B2. Economic Structure

- Table providing detailed account of selected variables to asses economic structure and trend
- Current reading compared to regional and EM median
- Change in EM ranking over last 5yr period across our universe of 90+ countries
- Raw data in the top quartile is coloured red and data in the bottom quartile is coloured green
- This has not been adjusted for direction (high = high)

B3. Competitiveness

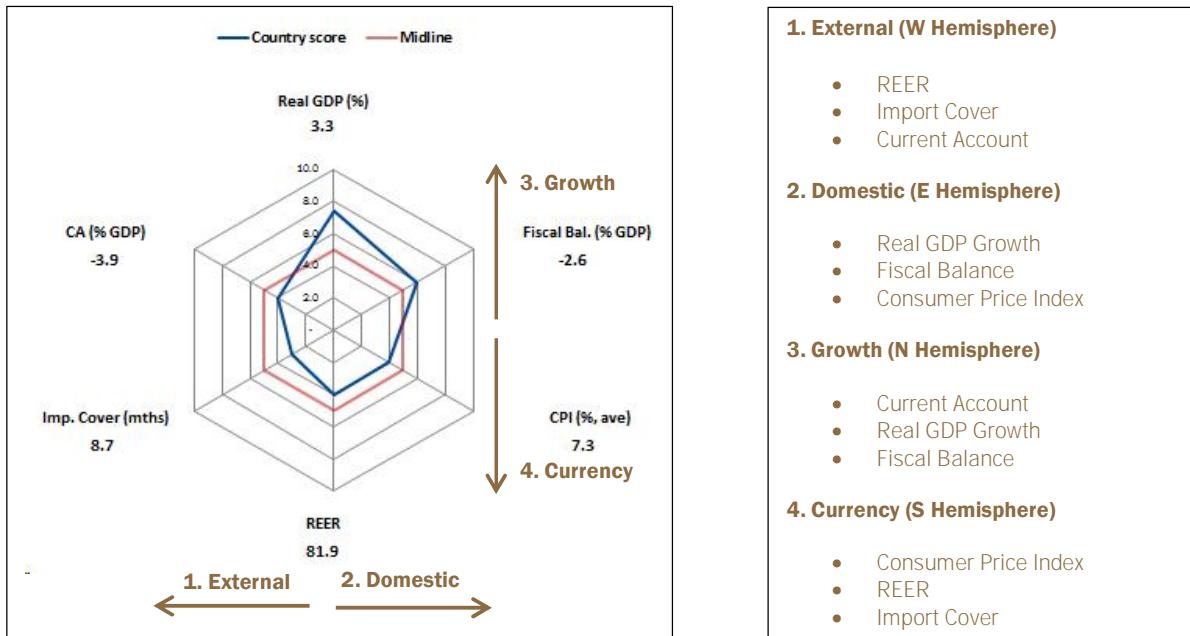
- Table providing detailed account of selected competitiveness factors
- Similar measures to B2

B4. Demographic Forecasts

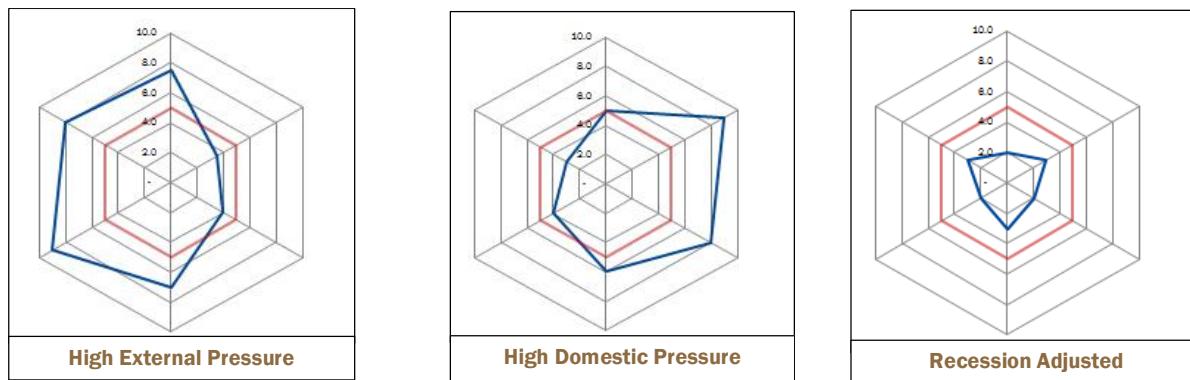
- Table providing 10yr demographic forecasts
- Tracks population, urbanisation and dependency ratios
- Similar measures to B2 and B3

Reading Shapes

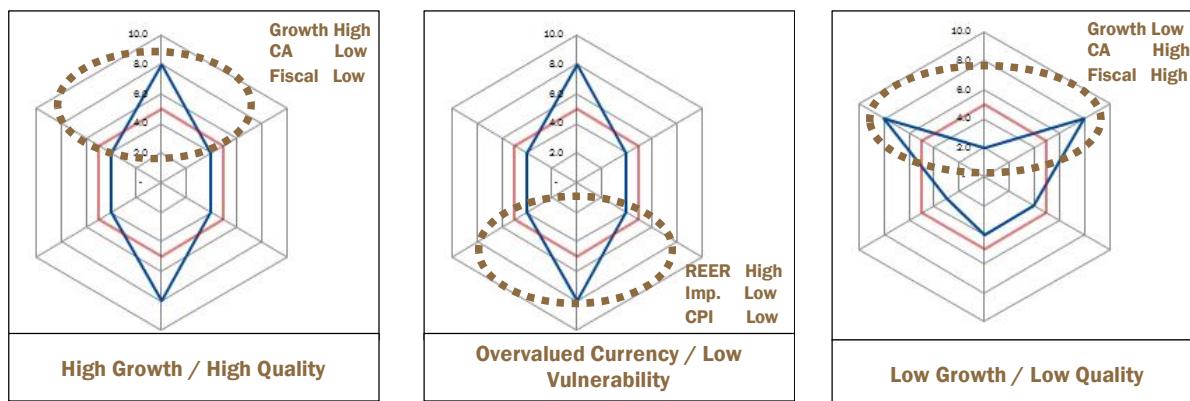
1. Design



2. External and Domestic: Inflating and Deflating Balloons



3. Growth and Currency: Smiles and Frowns



Model Allocation

Allocation Matrix

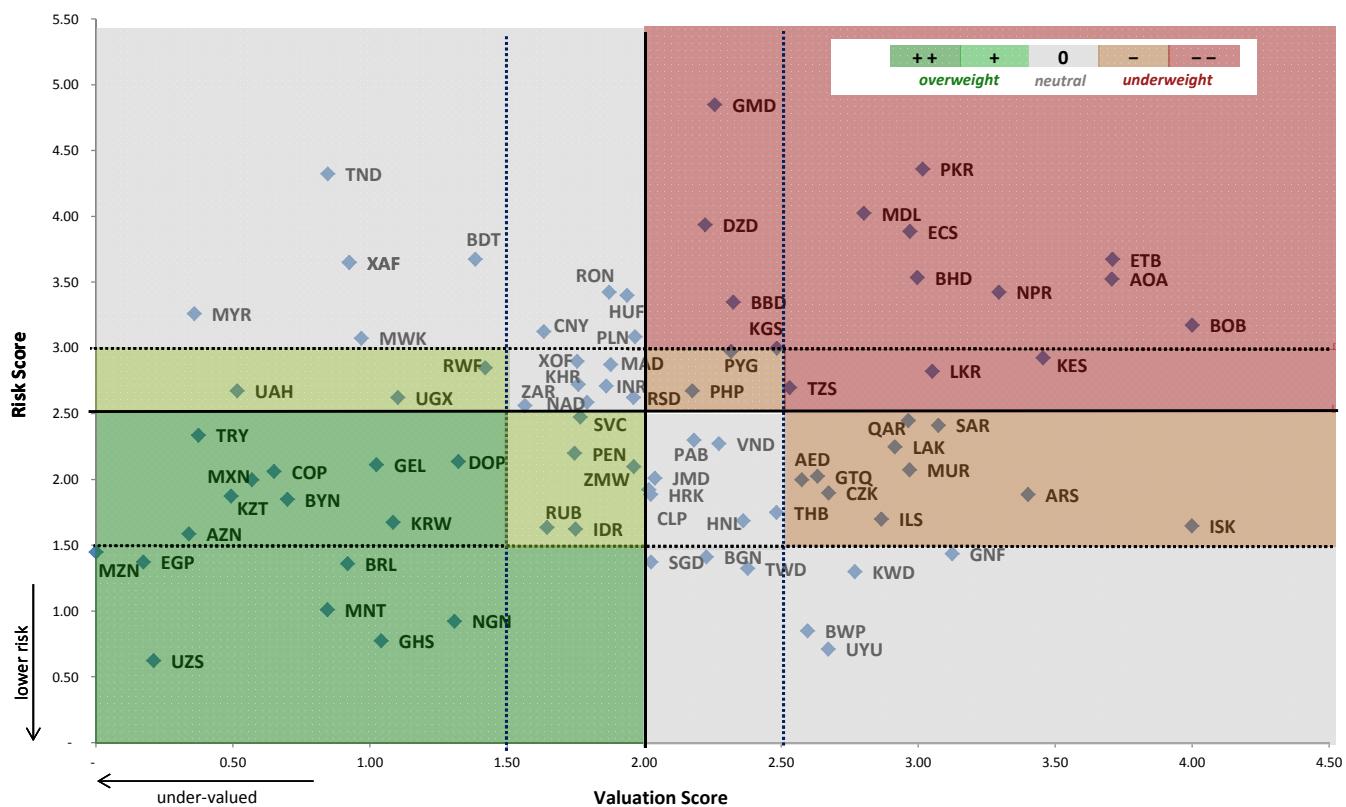
Assessing currencies on risk and valuation

Our allocation model assesses currency risk across a number of factors considered relevant for high risk emerging markets with a bias to economic fundamentals and carry returns. Like any model, it is far from perfect and does not always reflect extremes adequately. We consider it a baseline for further investigation that seeks to identify other relevant factors such as event risk, current policy stance and, depending on the liquidity of the underlying currency, technicals.

Results Overview

As reflected later, the regional road signs point to generally undervalued currencies in the CIS and Africa with overvalued currencies in Asia and Latin America. The median Latin American currency is primarily driven by the managed currencies of Central America and hides good opportunities in the more liquid currencies on the mainland. From a valuation viewpoint, South Asia fares worse than East Asia but there is some variability in each economy's ability to sustain this. Africa is another region that displays great variability with some of the best and worst currencies in our universe. High nominal yields and cyclical economic rebalancing underpins the top performers. The CIS exhibits similarly positive rebalancing dynamics but with less variability and a greater discount in median valuation.

Matrix



Top 10

Introduction

Africa and CIS Dominate

As home to the most undervalued currencies and highest onshore nominal rates, the top 10 is dominated by Africa and the CIS:

- | | |
|---------------|----------------|
| 1. Mozambique | 6. Ghana |
| 2. Egypt | 7. Kazakhstan |
| 3. Nigeria | 8. Turkey |
| 4. Mexico | 9. Azerbaijan |
| 5. Ukraine | 10. Uzbekistan |

Despite a variance in the maturity of the cycle, most can be seen as following the classic EM model of local market opportunity:

- Recent currency devaluation or significant weakness triggers
 - Attractive REER valuations
 - Transitory increase in inflation leads to
 - § High nominal rates
 - § Slowdown in capital outflows
 - § Increase in investment flows
 - § Improving current account
 - § For managed currencies, policy reluctance for further currency weakness (in order to avoid escalating inflation expectations)

Of course, recent currency weakness and high nominal rates is not enough to select for attractive risk-reward and we also look for

- Severe enough weakness to make a second round devaluation unlikely
- Reasonable and /or improving reserve levels
- Reasonable and / or improving net external flows (current account + net FDI)
- Reasonable onshore real rates as measured against current and forecast inflation

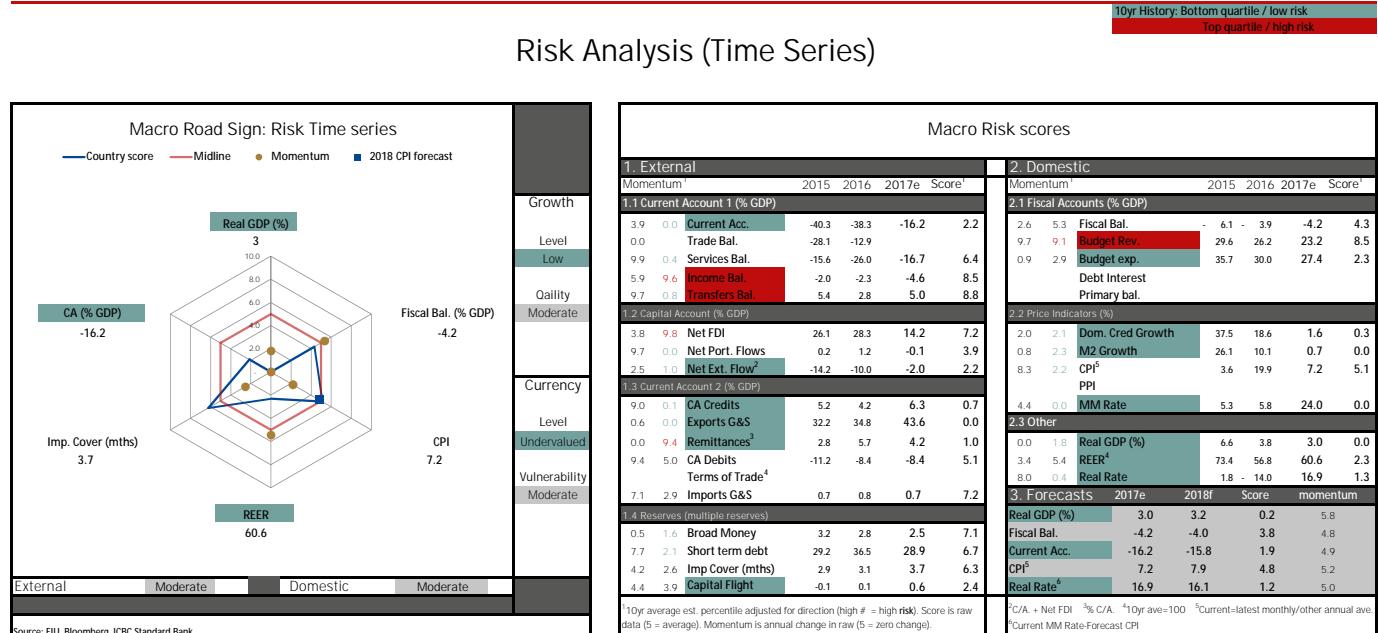
The critical point is that currency weakness and higher rates need to be cathartic and lead to economic adjustment that heals the imbalances of the economy. Given the managed nature of many EM currencies, it is also crucial to understand how currency policy preference and habits structurally limit appreciatory or depreciatory potential. In general, the CIS countries offer lower carry but more stable and appreciating currencies while Africa provides plenty of yield against higher risk currencies.

Mozambique

Mozambican Metical (MZN)

It is somewhat awkward sticking with a currency that has rallied 25% from its 2015 high but we are going to do it any way with the Metical. The economic rebalancing has been painful but impressive and with onshore yields of 26% and a REER that is still 40% below its 10 year average, we see little not to like. The original currency blow up in 2014-2016 was caused by massive project spending seeing the current account deficit rise much faster than FDI. Since this bubble burst, net FDI has halved to 14% but the current account has dropped from 40% in 2015 to 16% this year implying that net external flows has contracted from -14% to -2% over this period. These numbers are expected to remain broadly unchanged in 2018. It is a similar story on the domestic front where domestic credit growth has dropped from 38% in 2015 and 19% in 2016 to 1.6% in 2017; this trajectory in monetary growth has been 26%, 10% and 0.1%, respectively. While these domestic price indicators are likely to rise off their low bases, inflation is only expected to rise to 8% from the current 7%.

Macro Road Sign



Egypt

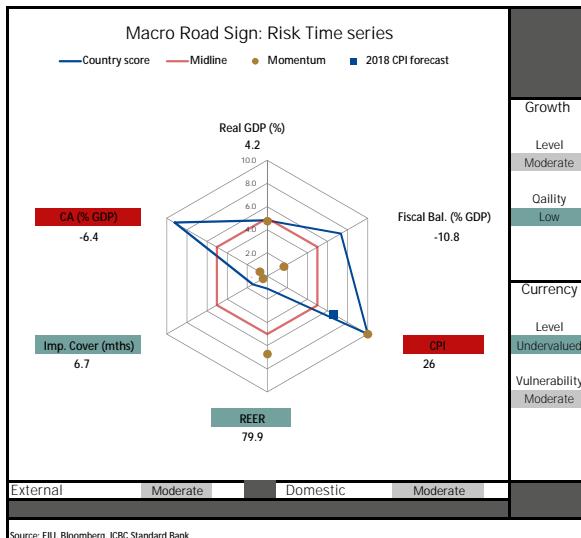
Egyptian Pound (EGP)

Egypt fits the earlier described EM model perfectly and offers an attractive currency valuation and extremely high yields. The REER is 23% below its long term average and onshore yields are 19%. Despite IMF pressure to move to a more genuinely floating regime, Egyptian authorities display a strong and long established bias to stability. This stance is further supported by high inflation of 26% that is forecast to fall to a still impressive 15% in 2018. The IMF continues to underpin inflows while reserves and the current account have improved markedly this year. Reserves have reached 6 months of import cover and the current account is expected to continue its consolidation in 2018. Despite some improvement, at 10.8% the fiscal deficit is still astoundingly high and there is little prospect for improvement next year. However, we believe IMF commitment is steadfast and the geopolitical significance of Egypt draws a ring-fence around these budgetary concerns.

Macro Road Sign

10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)



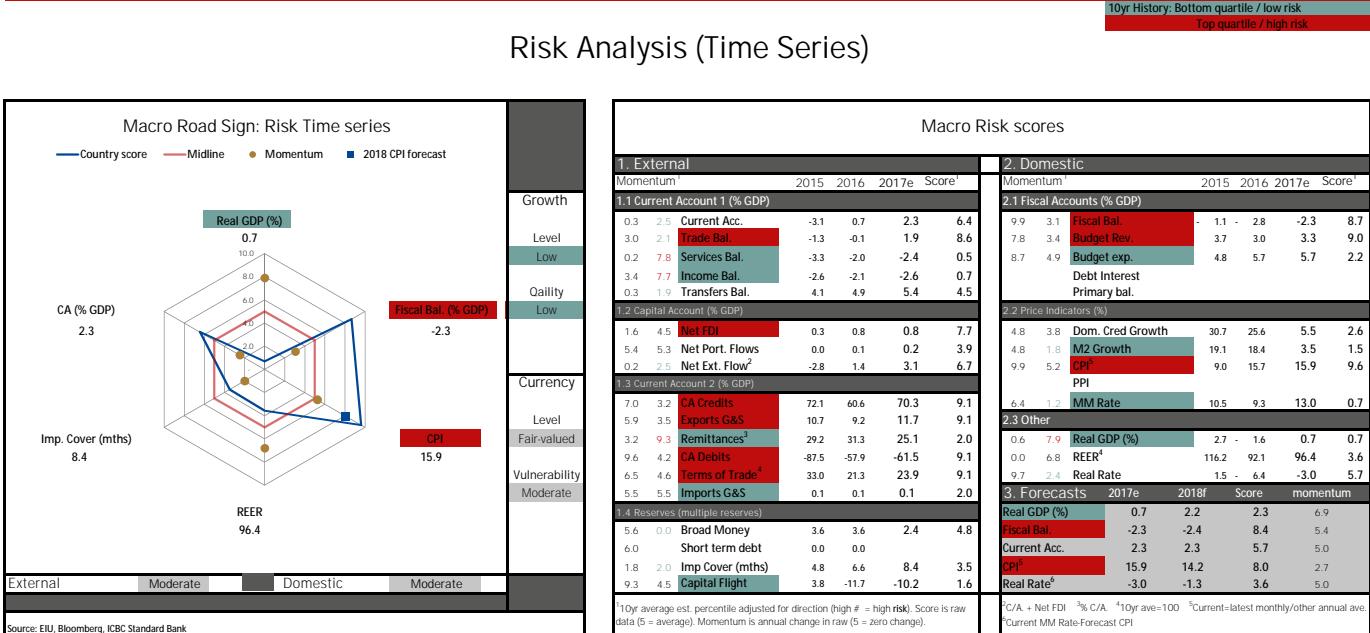
Macro Risk scores									
1. External		2. Domestic							
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹	2015	2016	2017e	Score ¹
1.1 Current Account 1 (% GDP)									
9.7	0.8	Current Acc.	-5.9	-8.7	-6.4	9.2			
8.9	2.0	Trade Bal.	-13.2	-15.9	-14.1	8.2			
8.1	3.0	Services Bal.	2.8	1.9	2.4	9.0			
5.7	9.8	Income Bal.	-1.7	-1.8	-3.3	9.2			
2.4	1.4	Transfers Bal.	6.2	7.1	8.6	0.7			
1.2 Capital Account (% GDP)									
2.9	1.7	Net FDI	2.1	2.9	4.5	1.9			
5.8	9.9	Net Port. Flows	0.0	0.7	9.1	10.0			
8.2	0.4	Net Ext. Flow ²	-3.8	-5.8	-1.9	6.7			
1.3 Current Account 2 (% GDP)									
7.0	1.5	CA Credits	56.8	51.6	61.6	5.4			
8.4	0.0	Exports G&S	13.2	10.4	19.0	5.3			
5.2	6.6	Remittances ³	32.3	32.1	30.8	1.3			
6.0	3.0	CA Debts	-74.0	-71.7	-75.9	2.1			
4.9	0.1	Terms of Trade ⁴	117.1	117.2	128.0	0.1			
2.6	10.0	Imports G&S	0.2	0.2	0.3	6.1			
1.4 Reserves (multiple reserves)									
0.1	0.1	Broad Money	15.9	11.4	5.4	1.8			
9.6	0.3	Short term debt	28.6	51.5	23.8	5.6			
1.4	0.4	Imp Cover (mths)	2.7	4.2	6.7	1.4			
7.4	0.5	Capital Flight	3.8	0.6	8.8	0.0			
2.1 Fiscal Accounts (% GDP)									
7.5	1.6	Fiscal Bal.	-	10.9	-12.1	-10.8	7.3		
9.9	2.5	Budget Rev.	22.0	18.1	19.5	9.1			
0.9	5.4	Budget exp.	33.0	30.2	30.4	1.4			
9.9	6.0	Debt Interest	7.3	9.0	9.2	9.8			
3.3	9.4	Primary bal.	-	3.6	-3.1	-1.6	1.6		
2.2 Price Indicators (%)									
9.9	0.0	Dom. Cred Growth	25.6	39.2	19.8	5.2			
10.0	2.9	M2 Growth	18.6	39.5	35.0	9.8			
8.1	10.0	CPI ⁵	10.4	13.8	26.0	10.0			
8.2	9.8	PPI	-	3.1	8.1	35.4	10.0		
4.1	0.0	MM Rate	11.0	11.3	18.9	0.0			
2.3 Other									
4.8	4.7	Real GDP (%)	4.4	4.3	4.2	4.8			
0.0	6.7	REER ⁶	128.3	70.5	79.9	1.1			
7.4	8.2	Real Rate	0.6	-2.5	-7.1	9.4			
3. Forecasts									
Real GDP (%)		2017e	2018f	Score	momentum				
Fiscal Bal.	-	4.2	4.8	7.0	6.6				
Current Acc.	-	-10.8	-10.2	5.8	3.4				
CPI ⁵	-	-6.4	-3.3	4.6	0.5				
Real Rate ⁶	-	26.0	15.0	6.5	0.1				
	-7.1	3.9	2.0	5.0					

Nigeria

Nigerian Naira (NGN)

Nigeria is in a similar place to Egypt but has a REER close to its long term average and, at 16%, slightly lower yields. Nonetheless, it still offers exceptional carry for the currency risk. Notwithstanding the odd bout of erratic OMO activity, the central bank maintains a strong bias for Naira stability and should not face too many headwinds from the economic fundamentals. Despite low growth and a relatively elevated fiscal deficit of 2-2.5%, the current account and reserves have shown strong positive momentum in 2017 with the former now well in surplus and the latter at 8 months of import cover.

Macro Road Sign



Mexico

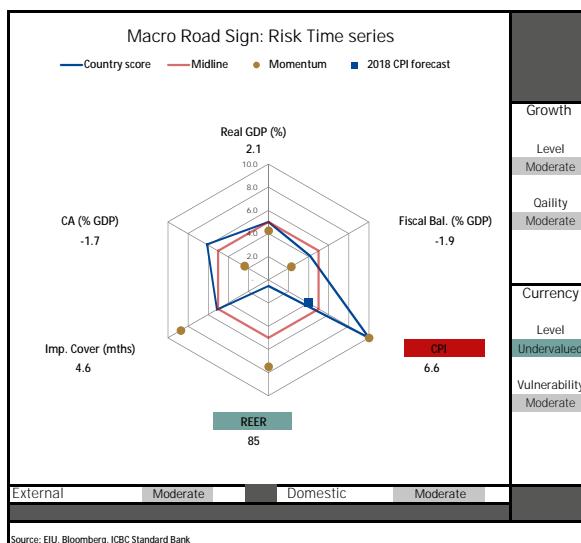
Mexican Peso (MXN)

This month's MXN sell off and rate hike appears to offer good entry for the MXN carry trade. The REER is 17% below its long term average; USDMXN is 10% off its 2017 lows; and 6m yields now offer 8.0%. It would be remiss not to note that USDMXN is 12% off the 2017 highs but we believe the risk to revisiting these levels is low. Indeed, this high coincided with Trump taking office and was assuming the worst with respect to NAFTA renegotiations. While next year's presidential election will be a continuing source of noise and most economic conditions remain decidedly average, we think the current timing of the monetary policy and inflation cycle offers attractive entry. Despite the recent uptick, inflation is forecast to moderate from the current 6.6% to 4% in 2018 while Banxico policy remains, in our view, excessively hawkish.

Macro Road Sign

10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)



Macro Risk scores									
External		Domestic							
Momentum ¹	Score ²	2015	2016	2017e	Score ³	2015	2016	2017e	Score ⁴
1. External									
1.1 Current Account 1 (% GDP)									
2.9	2.4	Current Acc.	-2.5	-2.1	-1.7	6.1			
4.8	2.2	Trade Bal.	-1.2	-1.2	-0.8	6.3			
5.0	4.2	Services Bal.	-0.8	-0.8	-0.8	1.3			
5.9	5.4	Income Bal.	-2.4	-2.6	-2.6	8.8			
0.2	4.4	Transfers Bal.	2.1	2.5	2.5	0.8			
1.2 Capital Account (% GDP)									
3.2	5.8	Net FDI	2.0	2.6	2.4	2.1			
6.6	4.0	Net Port. Flows	0.6	1.5	1.0	7.7			
1.5	4.2	Net Ext. Flow ⁵	-0.4	0.5	0.7	2.4			
1.3 Current Account 2 (% GDP)									
5.3	1.6	CA Credits	437.2	434.3	473.8	0.7			
0.2	3.9	Exports G&S	34.6	37.1	37.5	0.2			
1.9	6.1	Remittances ³	5.7	6.2	6.0	5.9			
5.8	1.9	CA Debit	-466.0	-457.3	-493.6	0.8			
7.8	4.1	Terms of Trade ⁴	86.6	81.3	82.9	9.7			
9.6	2.7	Imports G&S	0.4	0.4	0.4	9.6			
1.4 Reserves (multiple reserves)									
2.3	8.6	Broad Money	4.0	3.8	4.1	2.7			
0.8	6.6	Short term debt	39.2	30.3	33.2	3.4			
4.1	8.7	Imp Cover (mths)	5.0	5.1	4.6	5.1			
2.6	9.5	Capital Flight	-8.9	8.9	-37.5	7.5			
2. Domestic									
2.1 Fiscal Accounts (% GDP)		Momentum ¹					2015	2016	2017e
1.1	2.3	Fiscal Bal.	-	3.4	-	2.5	-1.9	4.1	
0.6	0.4	Budget Rev.	23.0	24.1	25.5	0.0			
6.3	8.3	Budget exp.	26.4	26.6	27.4	9.6			
7.8	10.0	Debt Interest	2.2	2.4	2.9	10.0			
0.5	0.7	Primary bal.	1.2	-0.1	1.0	1.5			
2.2 Price Indicators (%)									
8.7	0.4	Dom. Cred Growth	12.9	18.9	9.2	5.0			
7.4	3.0	M2 Growth	7.2	10.6	8.0	2.7			
5.5	10.0	CPI ⁶	2.7	2.8	6.6	10.0			
9.9	7.8	PPI	0.4	5.4	7.5	9.5			
4.7	0.0	MM Rate	2.7	2.8	7.7	1.1			
2.3 Other									
4.7	4.2	Real GDP (%)	3.3	2.9	2.1	5.0			
0.6	7.5	REER ⁷	91.9	79.0	85.0	0.5			
5.0	1.6	Real Rate	0.0	0.0	1.0	5.1			
3. Forecasts									
3.1 Forecasts		2017e	2018f	Score	momentum				
Real GDP (%)	2.1	2.1	5.0	5.0					
Fiscal Bal.	-1.9	-2.2	4.4	6.4					
Current Acc.	-1.7	-2.2	8.3	7.9					
CPI ⁸	6.6	3.9	4.0	0.3					
Real Rate ⁹	1.0	3.8	1.2	5.1					

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).

²C/A. + Net FDI ³% C/A. ⁴10yr ave=100 ⁵Current-latest monthly/other annual ave.

⁶Current MM Rate-Forecast CPI

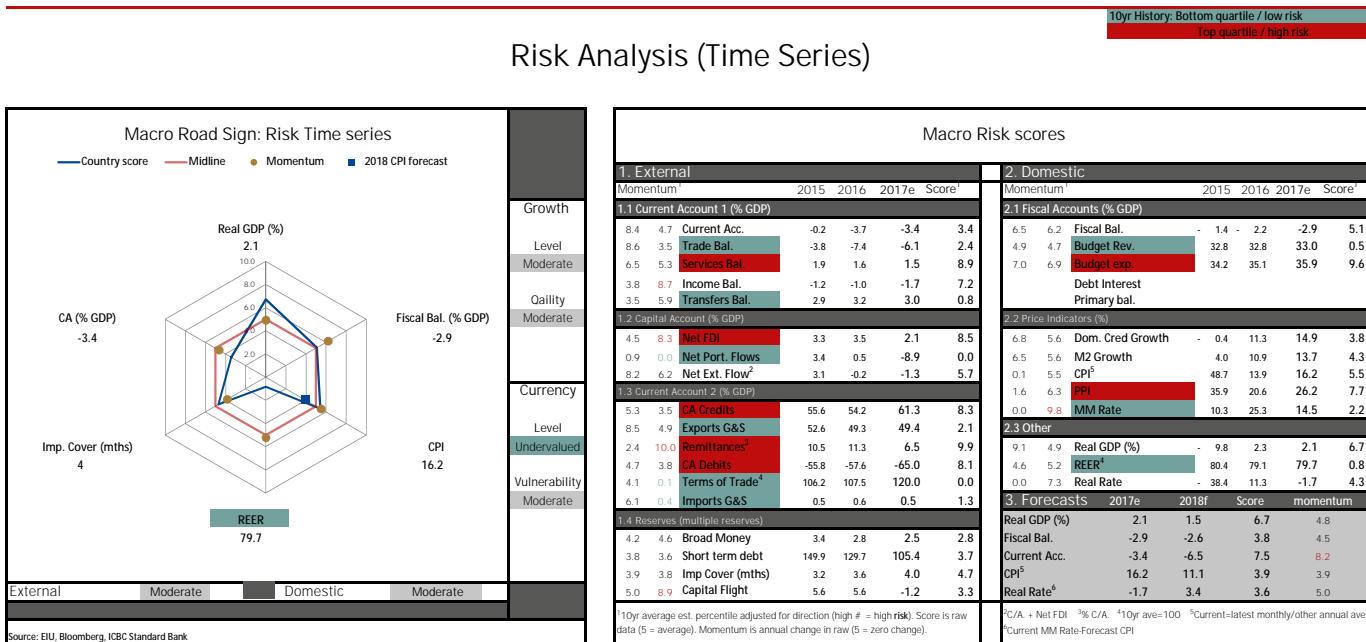
Source: EIU, Bloomberg, ICBC Standard Bank

Ukraine

Ukrainian Hryvnia (UAH)

The currency has maintained a 10% band over the last 2 years and is currently near the top of that range with seasonal support expected to emerge in the first half of next year. Against this, yields in the mid-teens look very attractive. Despite rampant inflation over the last couple of years, the REER remains well below its long term average and after showing some stubbornness in the mid-teens; inflation is forecast to drop towards 10% in 2018. While the external accounts are expected to remain under some pressure, reserves have stabilised and we expect the IMF to stay the course.

Macro Road Sign



Ghana

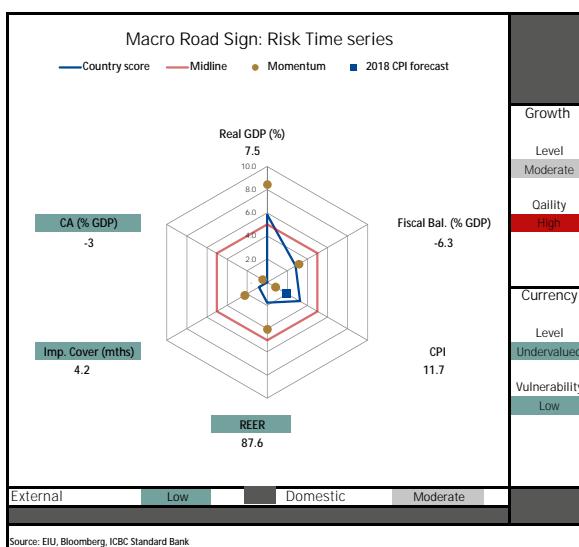
Ghanaian Cedi (GHS)

From a purely economic perspective, Ghana is potentially the pick of the bunch. After years of low quality growth, 2017 saw growth rebound to 7.5% with strong improvements in the perennial twin deficits. Inflation has trended lower from the high to the low teens and the banking sector has dealt relatively well with the previously high level of non-performing loans. As a % of GDP, net FDI remains stable in the high single digits and easily funds the current account deficit. These positive trends are expected to be maintained next year. While the economic dynamics might suggest the potential for currency appreciation, we note that the Cedi sold off 6% this year and has historically shown very little ability to appreciate against the Dollar. Despite some risk that lower inflation and rate cuts draw in forward hedging, onshore rates still offer 17% and the REER remains 14% below its long term average. On balance, we think the economics wins out on limiting the degree of currency weakness and current yields appear attractive.

Macro Road Sign

10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)



Macro Risk scores

1. External		2015			2016			2017e			Score ¹		
Momentum ²													
1.1 Current Account 1 (% GDP)		3.4	0.5	Current Acc.	-7.7	-6.6	-3.0	0.0					
		1.3	0.6	Trade Bal.	-8.5	-4.1	2.1	0.0					
		4.7	8.4	Services Bal.	-3.2	-3.0	-5.0	7.8					
		4.6	9.0	Income Bal.	-3.0	-2.9	-4.8	9.4					
		10.0	1.7	Transfers Bal.	7.0	3.4	4.8	8.3					
1.2 Capital Account (% GDP)		4.9	5.8	Net FDI	8.1	8.1	7.8	5.4					
				Net Port. Flows									
		3.4	0.9	Net Ext. Flow ²	0.4	1.5	4.8	0.0					
1.3 Current Account 2 (% GDP)		7.4	1.5	CA Credits	22.1	20.7	23.1	0.6					
		8.7	3.7	Exports G&S	45.5	41.0	42.4	1.3					
		9.6	5.1	Remittances ³	16.5	10.2	10.0	7.6					
		6.9	3.6	CA Debts	-24.9	-23.5	-24.5	1.5					
		2.2	0.0	Terms of Trade ⁴	97.9	103.8	125.4	0.0					
		0.3	2.5	Imports G&S	0.6	0.5	0.5	3.2					
1.4 Reserves (multiple reserves)		6.2	4.2	Broad Money	2.2	2.4	2.2	3.5					
		1.0	1.6	Short term debt	56.1	45.4	36.5	0.2					
		4.0	2.3	Imp. Cover (mths)	3.4	3.6	4.2	0.8					
		0.6	6.6	Capital Flight	-2.4	-1.4	-1.7	8.3					
2. Domestic		6.8	3.1	Fiscal Bal.	-	6.4	-	7.9	-6.3	2.8			
		9.9	7.1	Budget Rev.		23.4	20.1	19.1	6.3				
		2.8	2.2	Budget exp.		29.8	28.0	25.4	2.9				
2.2 Price Indicators (%)		5.9	1.6	Dom. Cred Growth	13.3	17.0	0.6	0.1					
		3.7	6.0	M2 Growth	25.6	22.5	25.0	2.4					
		5.3	0.8	CPI ⁵	17.2	17.5	11.7	3.3					
		4.3	9.8	MM Rate	24.0	25.1	13.3	8.0					
2.3 Other													
		4.9	8.4	Real GDP (%)	3.8	3.7	7.5	5.8					
		9.2	4.0	REER ⁶	78.7	89.8	87.6	1.8					
		4.5	8.0	Real Rate	6.8	7.6	1.6	7.1					
3. Forecasts		2017e	2018f	Score	momentum								
		Real GDP (%)	7.5	6.6	4.3	4.0							
		Fiscal Bal.	-6.3	-5.4	1.6	3.9							
		Current Acc.	-3.0	-2.7	0.2	4.5							
		CPI ⁵	11.7	9.9	1.9	3.3							
		Real Rate ⁶	1.6	3.4	6.0	5.0							

¹10y average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).

²Current - latest monthly/other annual avg

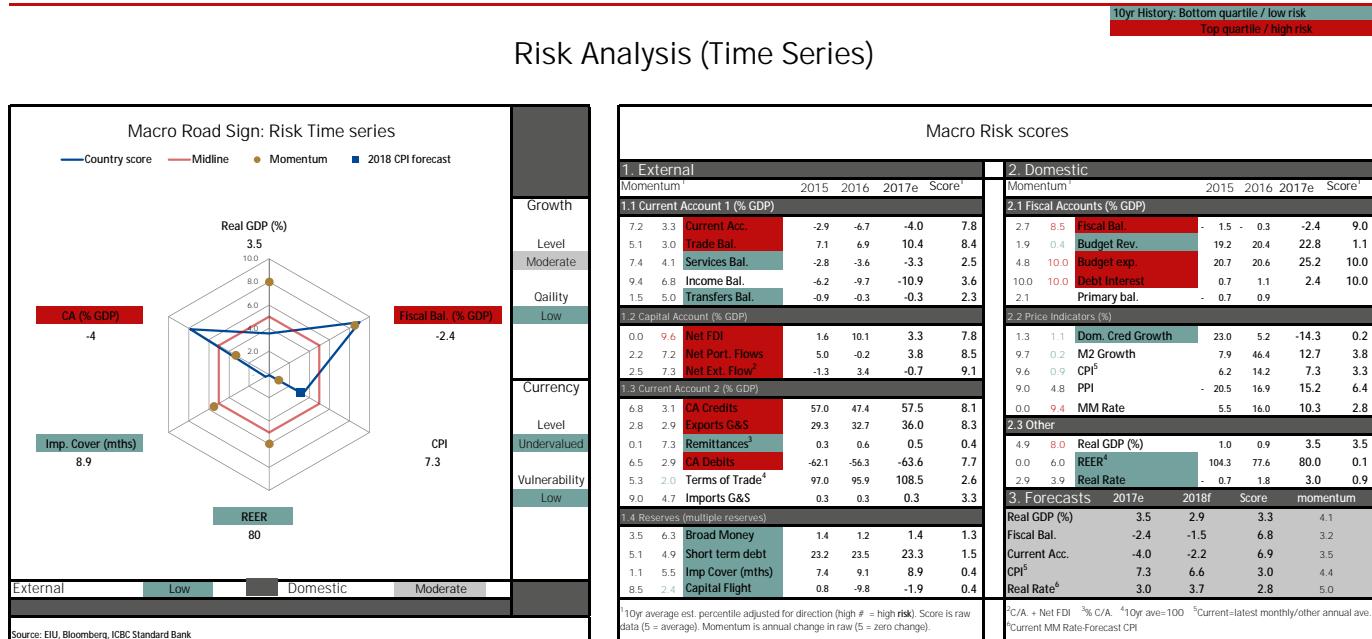
³Current MM Rate-Forecast CPI

Kazakhstan

Kazakh Tenge (KZT)

After the unfounded devaluation speculation in Q3, authorities have managed to bring expectations under control. While concerns in the banking sector undoubtedly fuelled negative sentiment, the macroeconomic fundamentals never warranted such speculation. Indeed, the REER is 20% below the long term average, reserves are high and stable and the national wealth fund (at 40% of GDP) is well positioned to manage the ongoing restructuring of the banking sector. While the fiscal deficit is high by historical standards, it was still only a modest 2.4% in 2017 and is expected to moderate in 2018. FDI has experienced a sharp drop from 2015's elevated levels but is still large enough to cover the bulk of a narrowing current account deficit. KZT has been trading as a low beta RUB since its liberalisation but, even by this measure, has managed to lag its larger neighbour in recent months. KZT currently offers 7% of yield and we judge appreciative potential of 5% in order to get back to the 2017 USDKZT lows.

Macro Road Sign

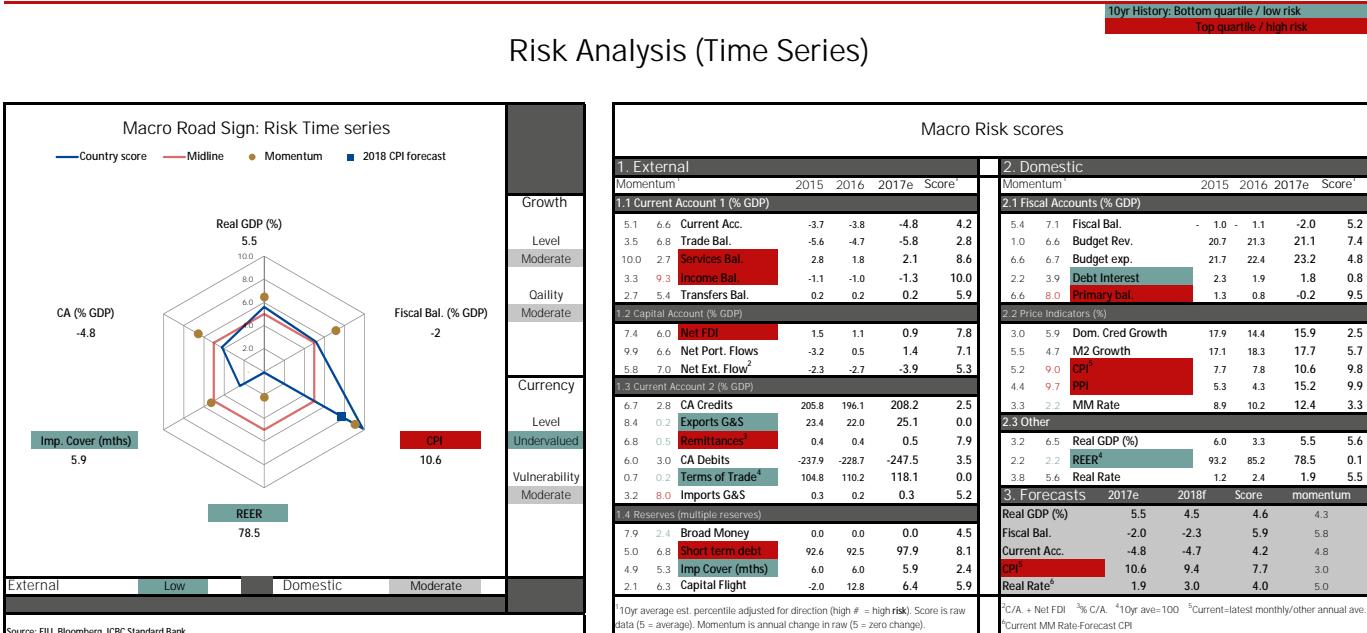


Turkey

Turkish Lira (TRY)

While Turkey is one of the economically shakiest among the top 10, its valuation looks cheap, nominal rates are high and, unlike many of the illiquid managed currencies so far discussed, it has high upside potential. While the economics suggest some REER discount is justified, it is clear that the bulk of it is owing to Turkey's high political risk. Turkey's REER is 23% below its long term average and USDTRY has lagged the liquid EM benchmark by 15% over the last year. Despite rallying 3% in December, we see potential for up to a further 12% of appreciation while earning yields of 12.5%. Of course, this is predicated on the market repricing political risk and becoming more comfortable with the tetchy relationship with the US. Nonetheless, we think this will be the likely outcome in ensuing months

Macro Road Sign

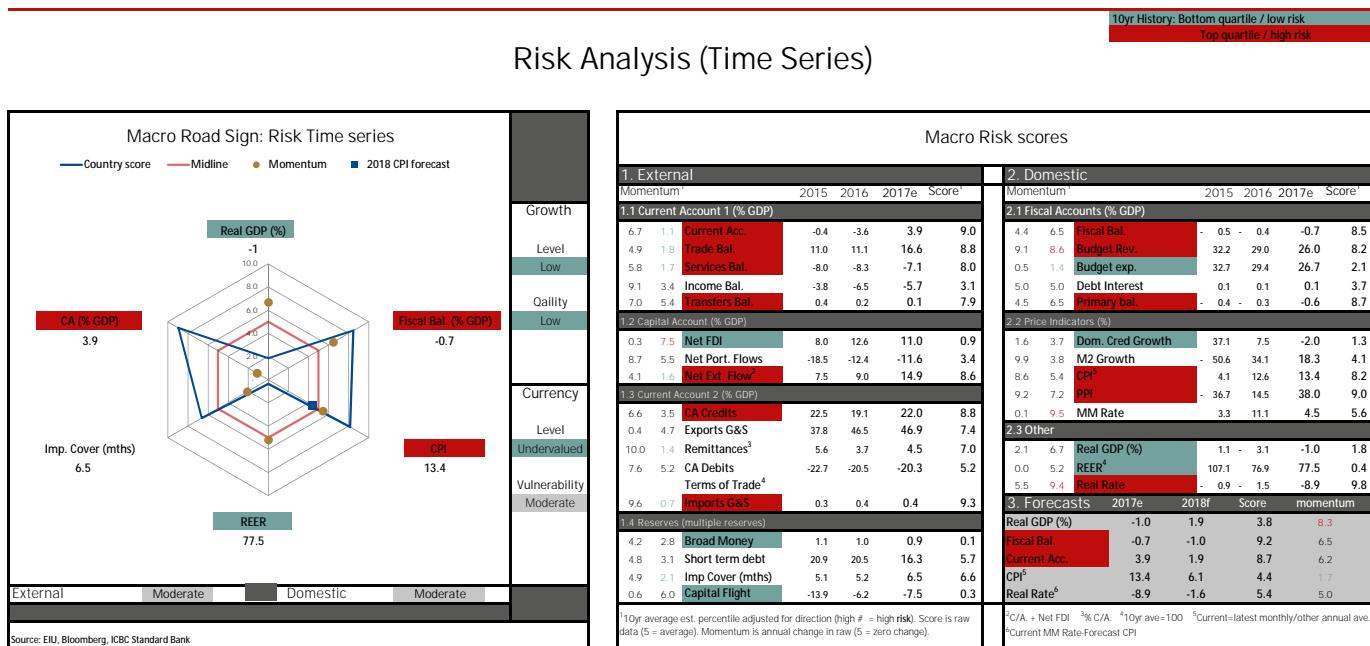


Azerbaijan

Azerbaijani Manat (AZN)

Despite rallying by 12% from this year's high, AZN remains 10% above the devaluation level from the end of 2015. This year's rally has coincided with a sharp 7.50% swing in the current account from deficit to a healthy 3.9% surplus. While the current account may slow next year, it is still expected to maintain its surplus. Moreover, net FDI remains in double digits and the REER valuation is still 23% below its long term average. CPI peaked at 14% in the beginning of the year and is expected to reach 6% in 2018, allowing some relief to the REER and possible retracement back towards the 2015 post devaluation level. While authorities appear to be resisting further appreciation at the moment, they have also shown increased appetite for volatility since 2015 and our outlook is for measured appreciation over 2018. Rates of 4% are not overwhelming but still offer reasonable carry with the expectation of currency appreciation.

Macro Road Sign



Uzbekistan

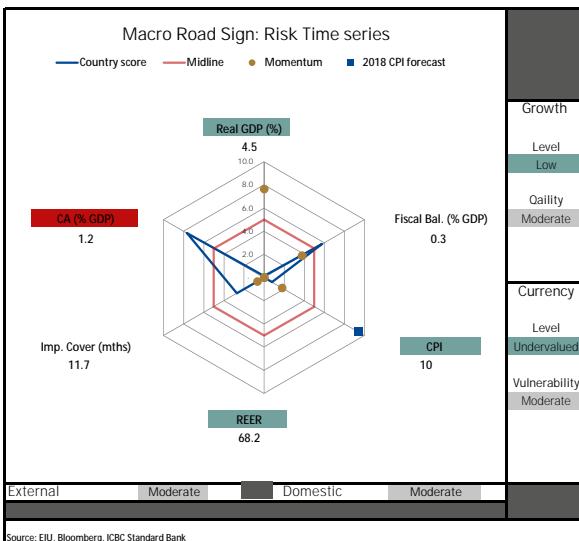
Uzbek Sum (UZS)

With a population of 31 million, Uzbekistan is the most populous of the caucus countries. September's large (~100%) devaluation and the ongoing market reform efforts is big news for the region and we expect robust inflows into Uzbekistan as the country gradually opens up. The current account and net FDI both recorded surpluses in 2017 and we expect momentum to increase. This should create strong appreciatory pressure on UZS. While authorities are likely to resist this, the outlook for the UZS is stable with a not insignificant chance of minor appreciation. Importantly, we judge depreciation as highly unlikely. Indeed, inflation should peak around 14% next year and authorities will not want to stoke further inflationary fears by needlessly signalling further currency depreciation. The refinancing rate has been adjusted to 14% but onshore access remains difficult. Despite only offering mid-single digits, NDFs still remain attractive in light of stable and low volatility currency expectations.

Macro Road Sign

10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)



Macro Risk scores

1. External		2. Domestic			
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹
1.1 Current Account 1 (% GDP)					
4.8 3.6	Current Acc.	-0.2	0.0	1.2	7.7
3.0 5.6	Trade Bal.	-0.7	0.4	0.1	7.6
5.3 5.6	Services Bal.	-3.9	-4.1	-4.4	4.7
	Income Bal.	0.9	0.7	0.8	1.5
6.4 1.3	Transfers Bal.	3.5	2.9	4.8	5.2
1.2 Capital Account (% GDP)					
3.0 1.2	Net FDI	1.6	2.3	3.6	1.2
4.1 0.5	Net Port. Flows	-1.3	-1.4	-2.0	2.6
4.1 2.7	Net Ext. Flow ²	1.4	2.3	4.8	5.0
1.3 Current Account 2 (% GDP)					
5.8 3.8	CA Credits	15.2	14.8	15.3	2.1
5.8 4.9	Exports G&S	20.7	19.9	20.0	9.1
7.4 0.3	Remittances ³	4.0	3.0	5.6	6.1
7.2 4.6	CA Debits	-17.7	-16.8	-16.9	2.3
4.1 4.3	Terms of Trade ⁴	0.2	0.2	0.2	0.4
1.4 Reserves (multiple reserves)					
9.9 0.0	Broad Money	1.2	1.3	0.9	6.1
0.5 7.7	Short term debt	4.4	2.5	3.4	8.2
5.8 0.7	Imp. Cover (mths)	10.4	10.2	11.7	2.7
4.1 1.0	Capital Flight	-4.3	-4.0	-2.2	5.2
2.1 Fiscal Accounts (% GDP)		2.2 Price Indicators (%)			
5.4 3.8	Fiscal Bal.	0.2	0.1	0.3	5.8
5.1 5.0	Budget Rev.	32.6	32.5	32.5	4.2
5.0 4.8	Budget exp.	32.4	32.4	32.2	5.9
2.3 Other					
5.0 0.0	MM Rate	9.0	9.0	14.0	1.5
0.0 7.6	Real GDP (%)	8.0	3.5	4.5	0.1
4.3 0.0	REER ⁵	111.9	111.0	68.2	0.0
3. Forecasts					
Real GDP (%)	2017e	2018f	Score	momentum	
4.5	4.3	0.5	4.5		
Fiscal Bal.	0.3	0.6	2.6		
Current Acc.	1.2	1.6	6.7		
CP ⁶	10.0	13.9	9.4		
Real Rate ⁶	4.0	0.1	4.8		

1=10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²C/A + Net FDI - % C/A. ³10yr ave:-100. ⁴Current=latest monthly/other annual ave.
⁵Current MM Rate-Forecast CPI
⁶Current CPI

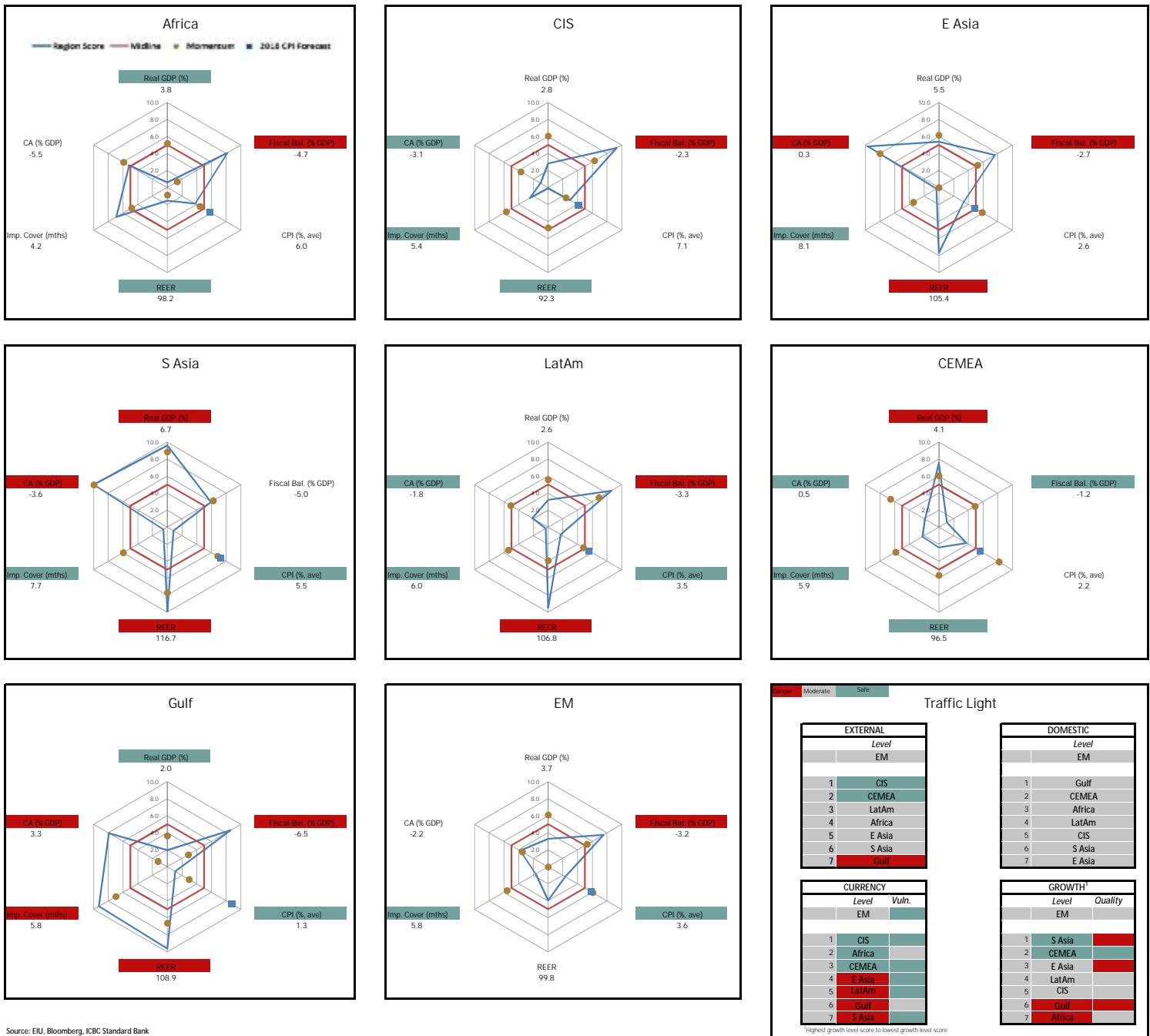
Country Profiles

Regional Summary

Consolidated Road Signs

Risk Analysis (Time Series / Median)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Source: EIU, Bloomberg, ICBC Standard Bank

Traffic Light		
DOMESTIC		Level
		EM
1	CIS	
2	CEMEA	
3	LatAm	
4	Africa	
5	E Asia	
6	S Asia	
7	Gulf	

GROWTH ¹		
Level		Quality
		EM
1	S Asia	
2	CEMEA	
3	E Asia	
4	LatAm	
5	CIS	
6	Gulf	
7	Africa	

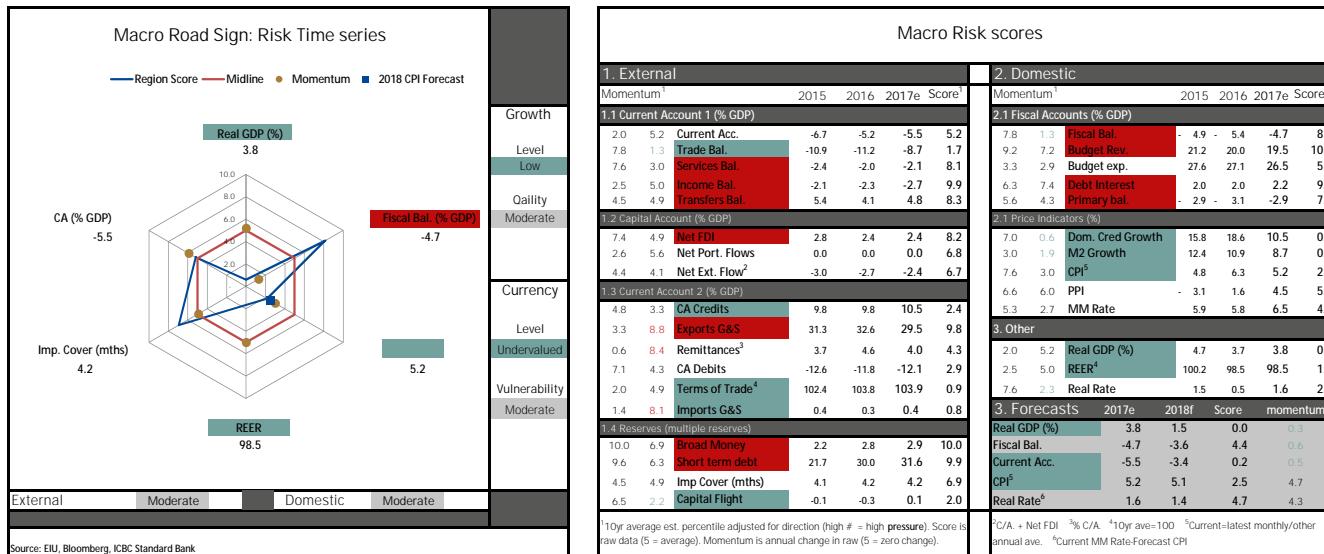
¹Highest growth level score to lowest growth level score

Africa

Africa

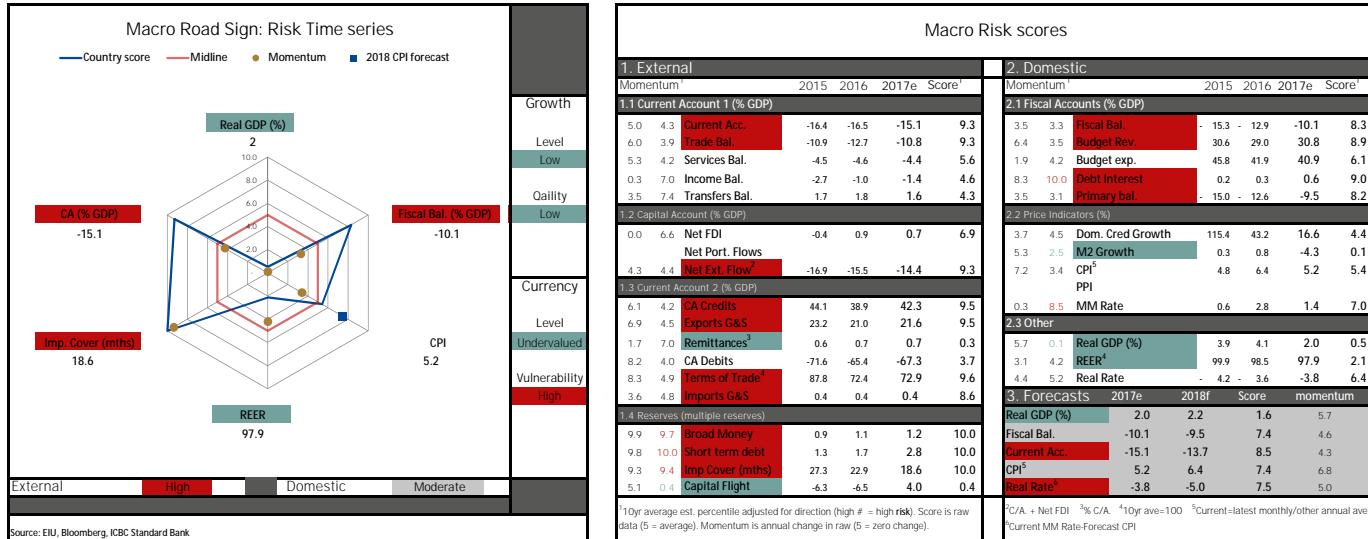
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



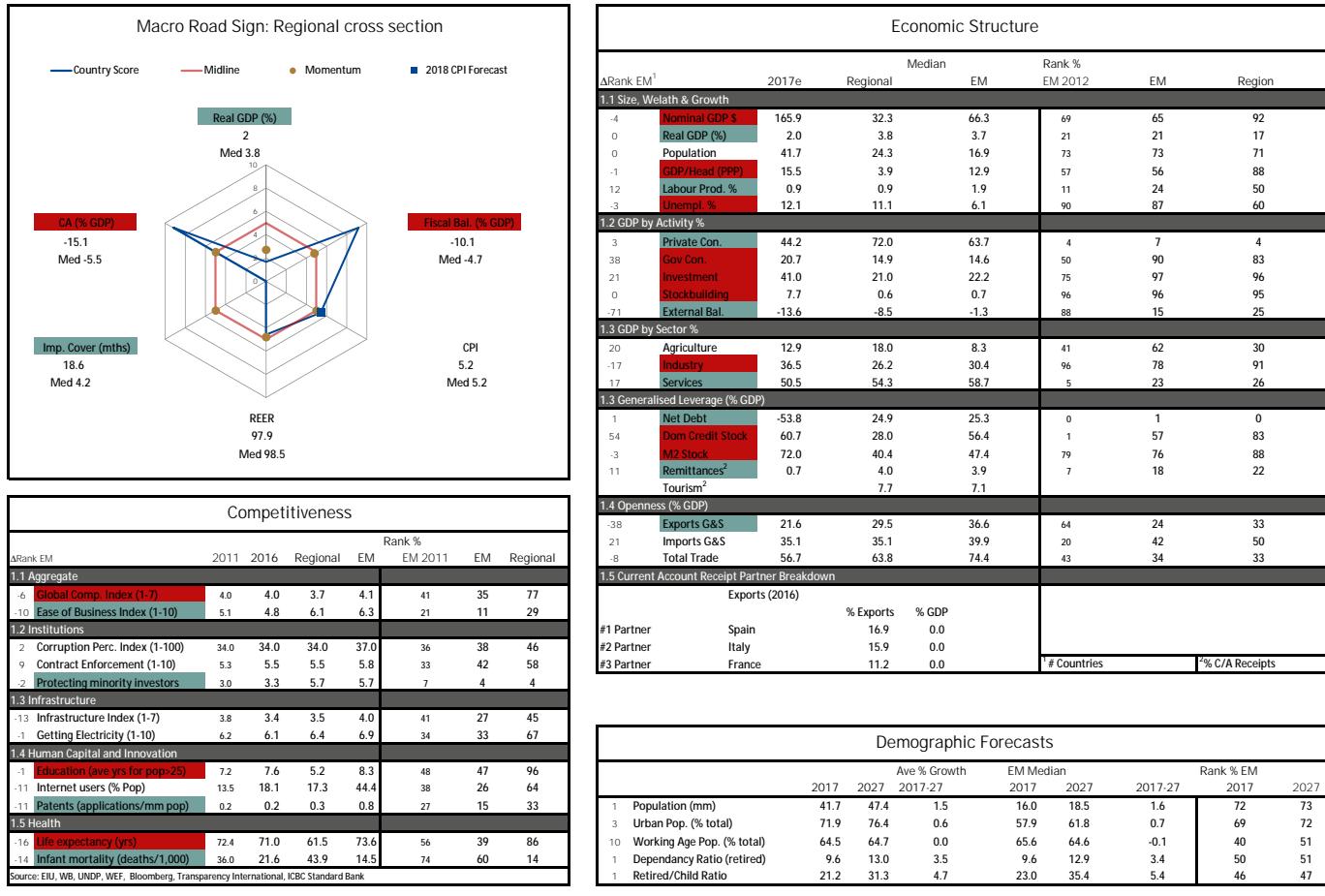
Algeria

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

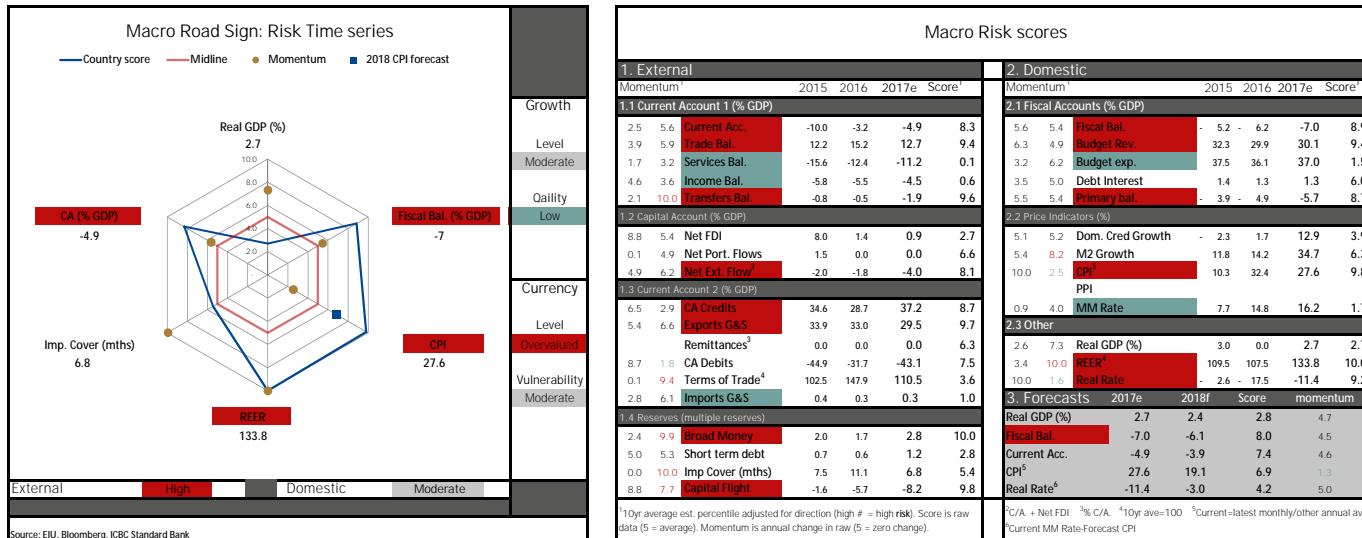
Comparative Analysis (Cross Section)



Angola

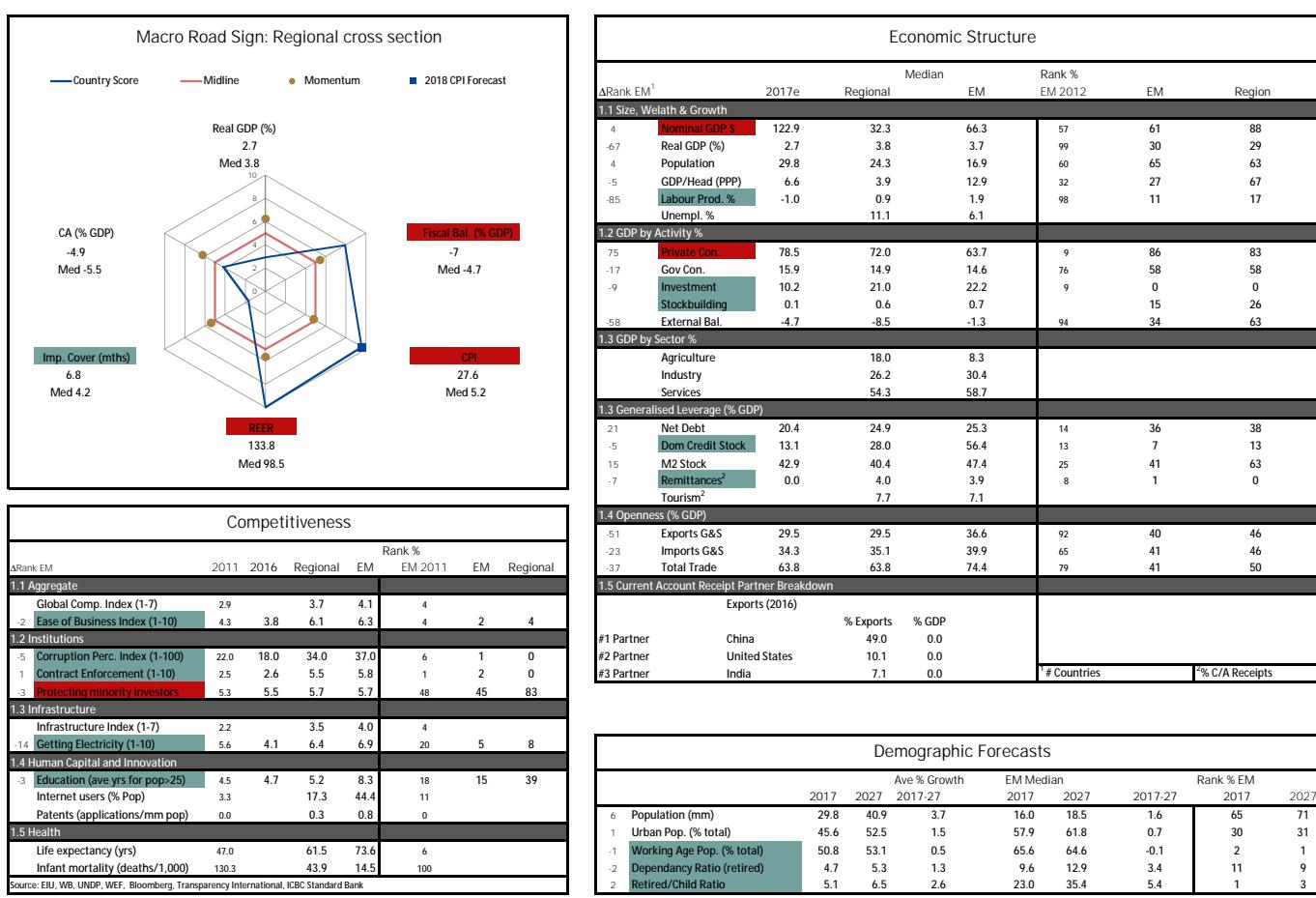
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



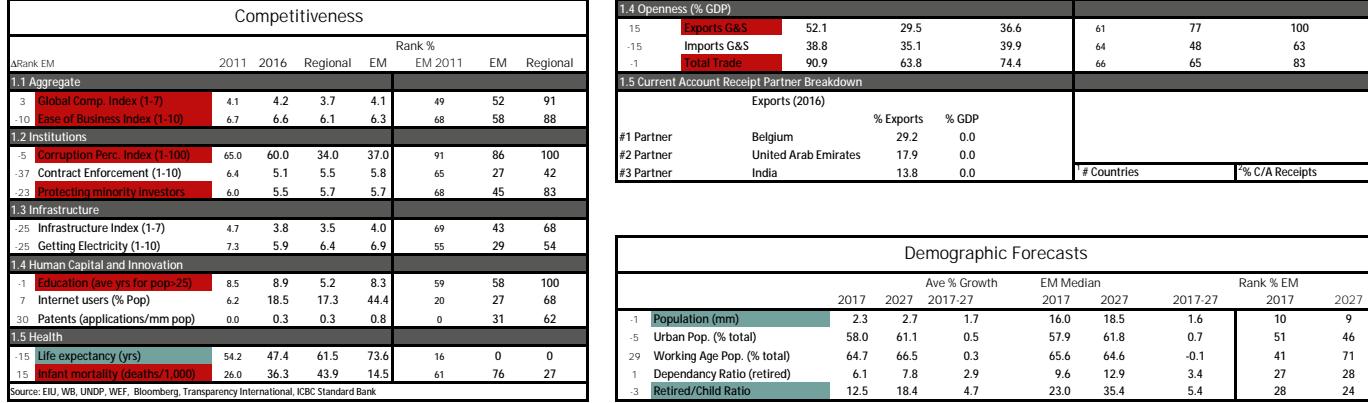
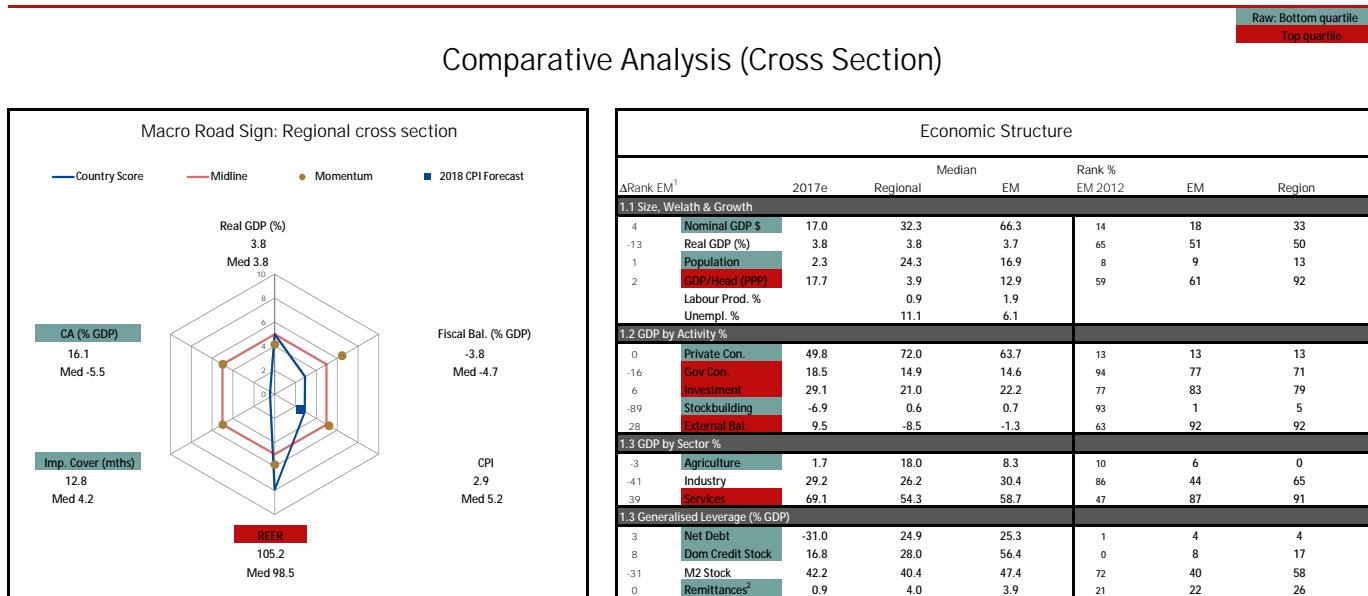
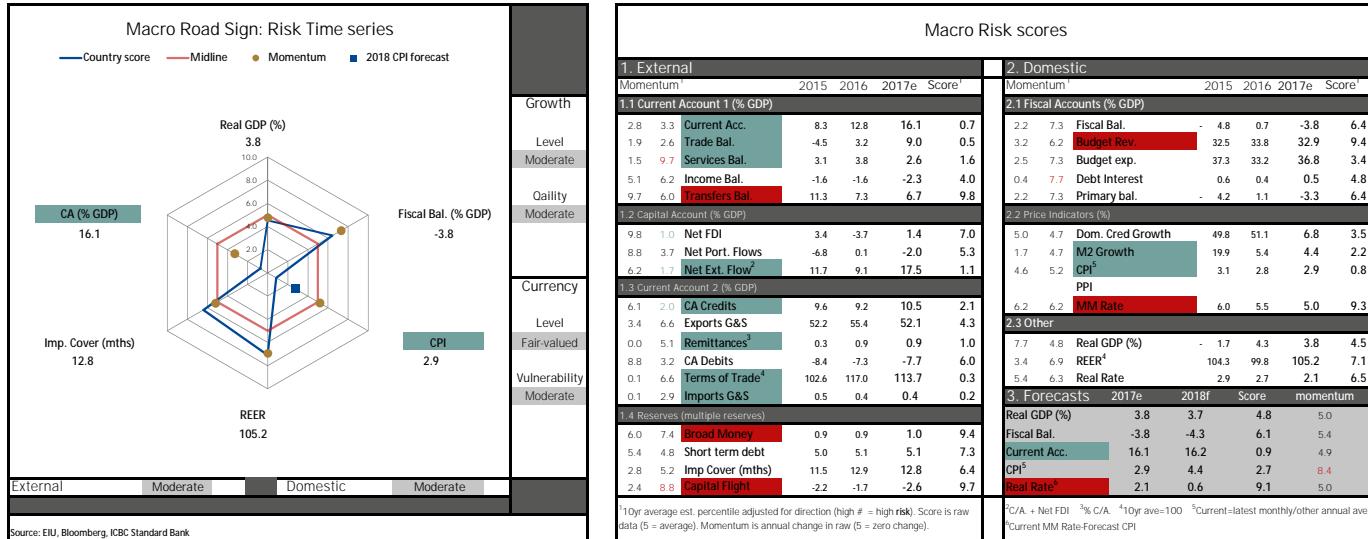
Comparative Analysis (Cross Section)

Raw: Bottom quartile
Top quartile



Botswana

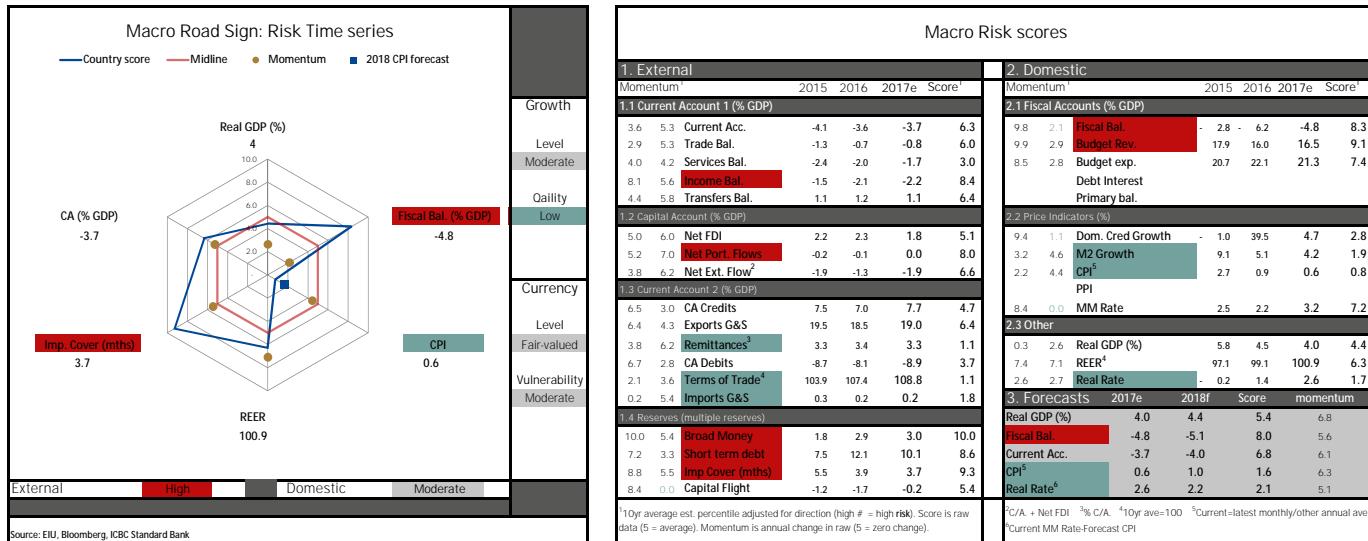
Risk Analysis (Time Series)



Cameroon

Risk Analysis (Time Series)

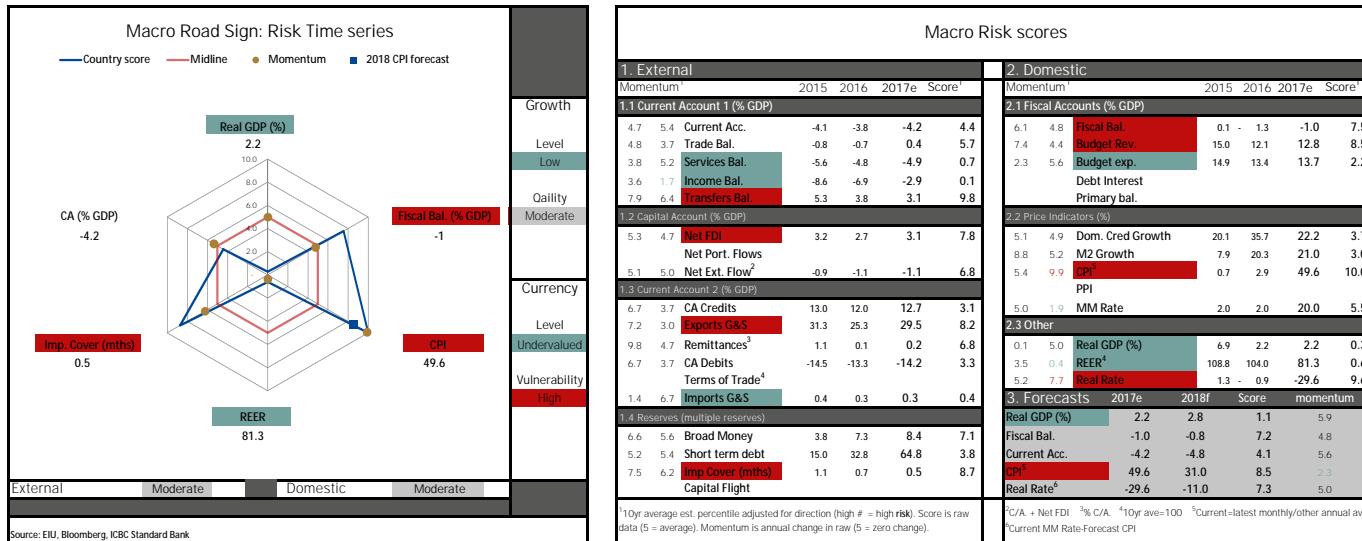
10yr History: Bottom quartile / low risk
Top quartile / high risk



Congo (Democratic Republic)

Risk Analysis (Time Series)

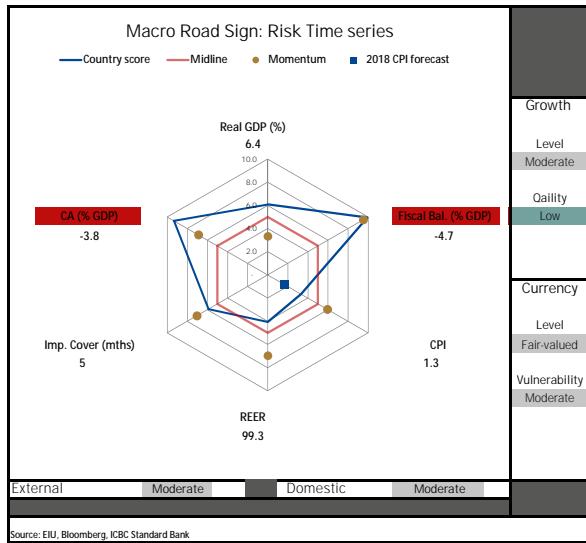
10yr History: Bottom quartile / low risk
Top quartile / high risk



Côte d'Ivoire

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



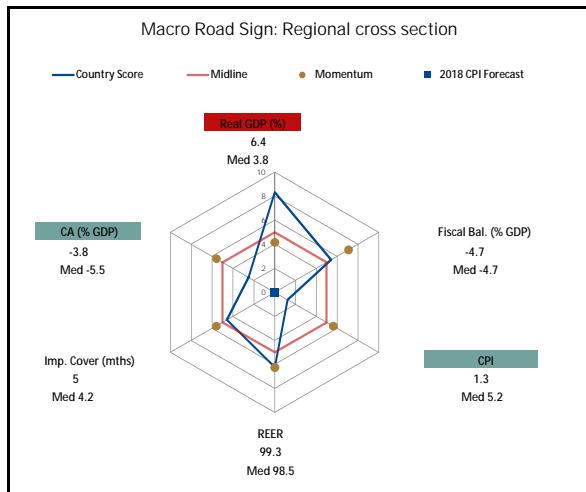
Macro Risk scores

Category	2015				2016				2017e				Score ¹		
	Momentum ¹	Current Acc.	Trade Bal.	Services Bal.	Income Bal.	Transfers Bal.	Net FDI	Net Port. Flows	Net Ext. Flow ²	CA Credits	Exports G&S	Remittances ³	CA Debts	Terms of Trade ⁴	Imports G&S
1. External	5.4	6.9	7.2	4.2	1.8	5.2	5.5	6.9	13.2	38.1	2.9	-13.3	102.4	1.1	7.2
1.1 Current Account 1 (% GDP)		-0.5	-1.0	-3.8	-3.1	1.4	0.3	1.0	12.5	32.6	3.2	-12.9	112.7	0.3	0.3
1.2 Capital Account (% GDP)	7.6	2.7	5.5	5.5	5.5	5.2	5.0	9.4	1.5	0.3	0.5	-2.4	120.8	4.2	9.4
1.3 Current Account 2 (% GDP)	7.5	6.7	9.4	2.0	0.5	8.1	9.8	0.1	12.1	31.2	3.4	-13.5	6.0	7.2	0.7
1.4 Reserves (multiple reserves)	10.0	10.0	5.0	5.0	4.4	10.0	10.0	4.2	2.2	2.2	3.3	3.6	10.0	2.9	5.0
2. Domestic	8.4	9.5	6.5	6.8	6.8	5.2	5.8	5.7	2.1	20.1	3.1	22.3	19.3	23.1	9.9
2.1 Fiscal Accounts (% GDP)	Fiscal Bal.	Budget Rev.	Budget exp.	Debt Interest	Primary bal.										
2.2 Price Indicators (%)	3.2	6.1	2.7	5.5	4.2	19.7	14.8	2.7	M2 Growth	18.2	11.0	1.3	17.4	5.1	6.2
2.3 Other	4.7	3.3	5.5	7.0	7.0	9.2	8.8	3.7	MM Rate	4.3	4.6	3.1	6.4	4.0	6.1
3. Forecasts	Real GDP (%)	Fiscal Bal.	Current Acc.	CPI ⁵	Real Rate ⁶	2017e	2018f	Score	momentum						
3.1 External	6.4	-4.7	-3.8	1.3	2.9	6.6	6.6	5.8	5.1						
3.2 Domestic	6.4	9.2	8.8	8.5	3.9	5.8	5.8	5.1	3.2						

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI
³% C/A
⁴*10yr ave=100
⁵Current=latest monthly/other annual ave.
⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)

Raw: Bottom quartile
Top quartile



Economic Structure

ARank EM ¹	Median			Rank %		
	2017e	Regional	EM	EM 2012	EM	Region
1.1 Size, Wealth & Growth						
3 Nominal GDP \$	38.7	32.3	66.3	32	35	58
59 Real-GDP (%)	6.4	3.8	3.7	24	84	83
4 Population	24.3	24.3	16.9	56	60	50
0 GDP/Head (PPP)	3.9	3.9	12.9	17	17	50
Labour Prod. %	0.9	1.9				
Unempl. %	11.1	6.1				
1.2 GDP by Activity %						
-13 Private Con.	63.3	72.0	63.7	60	47	29
4 Gov Con.	14.7	14.9	14.6	48	52	46
48 Investment	22.5	21.0	22.2	2	51	58
-5 Stockbuilding	0.3	0.6	0.7	36	32	32
-27 External Bal.	-0.8	-8.5	-1.3	81	53	83
1.3 GDP by Sector %						
0 Agriculture	17.0	18.0	8.3	78	78	39
21 Industry	29.7	26.2	30.4	26	48	74
-11 Services	53.2	54.3	58.7	43	32	48
1.3 Generalised Leverage (% GDP)						
-45 Net Debt	20.0	24.9	25.3	80	34	33
4 Dom Credit Stock	35.6	28.0	56.4	24	28	54
2 M2 Stock	40.4	40.4	47.4	33	35	50
5 Remittances ²	3.4	4.0	3.9	39	45	43
Tourism ²		7.7	7.1			
1.4 Openness (% GDP)						
-16 Exports G&S	31.2	29.5	36.6	63	46	58
-9 Imports G&S	32.0	35.1	39.9	48	39	42
-16 Total Trade	63.2	63.8	74.4	56	40	46
1.5 Current Account Receipt Partner Breakdown						
		% Exports	% GDP			
#1 Partner	Netherlands	12.6	0.0			
#2 Partner	United States	10.7	0.0			
#3 Partner	Belgium	7.0	0.0	# Countries	% C/A Receipts	

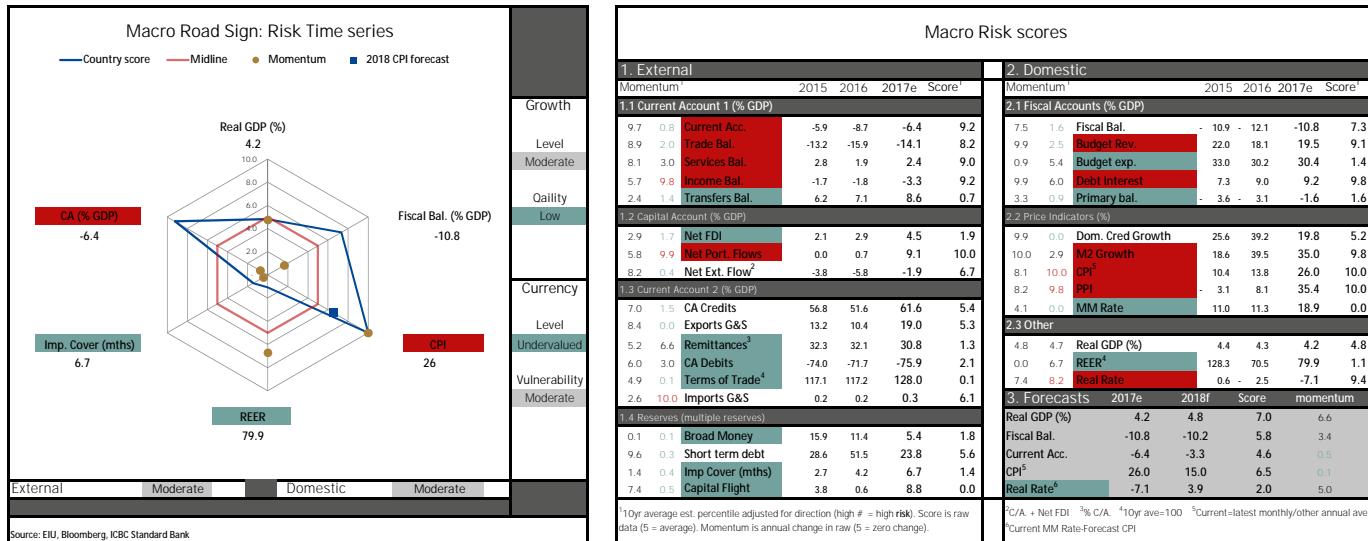
Demographic Forecasts

	Ave % Growth			EM Median		Rank % EM		
	2017	2027	2017-27	2017	2027	2017-27	2017	2027
0 Population (mm)	24.3	31.1	2.8	16.0	18.5	1.6	61	61
2 Urban Pop. (% total)	55.5	61.5	1.1	57.9	61.8	0.7	47	49
-4 Working Age Pop. (% total)	54.6	55.9	0.2	65.6	64.6	-0.1	13	9
-3 Dependency Ratio (retired)	5.4	5.5	0.3	9.6	12.9	3.4	14	11
-1 Retired/Child Ratio	6.9	7.6	0.9	23.0	35.4	5.4	9	7

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

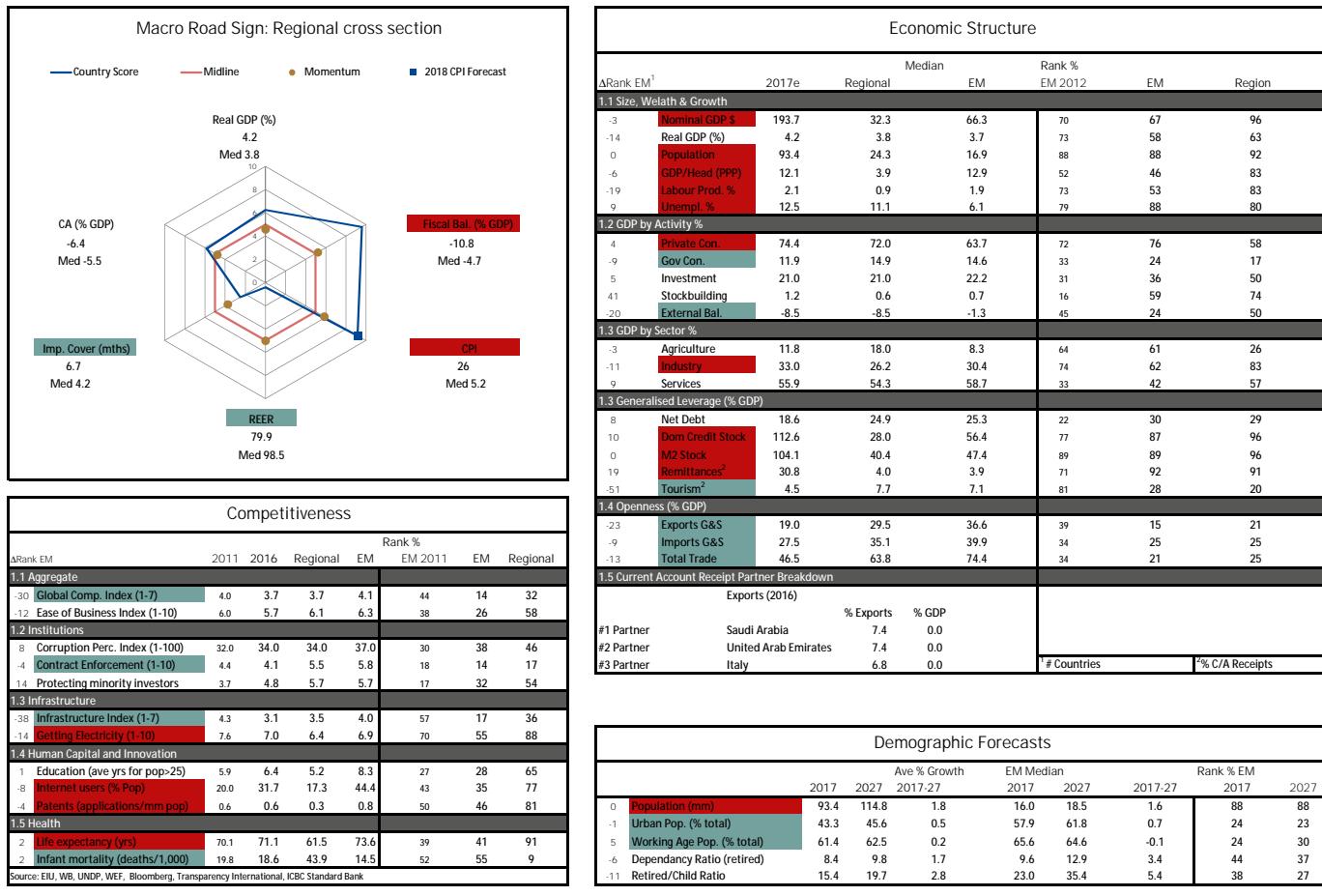
Egypt

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

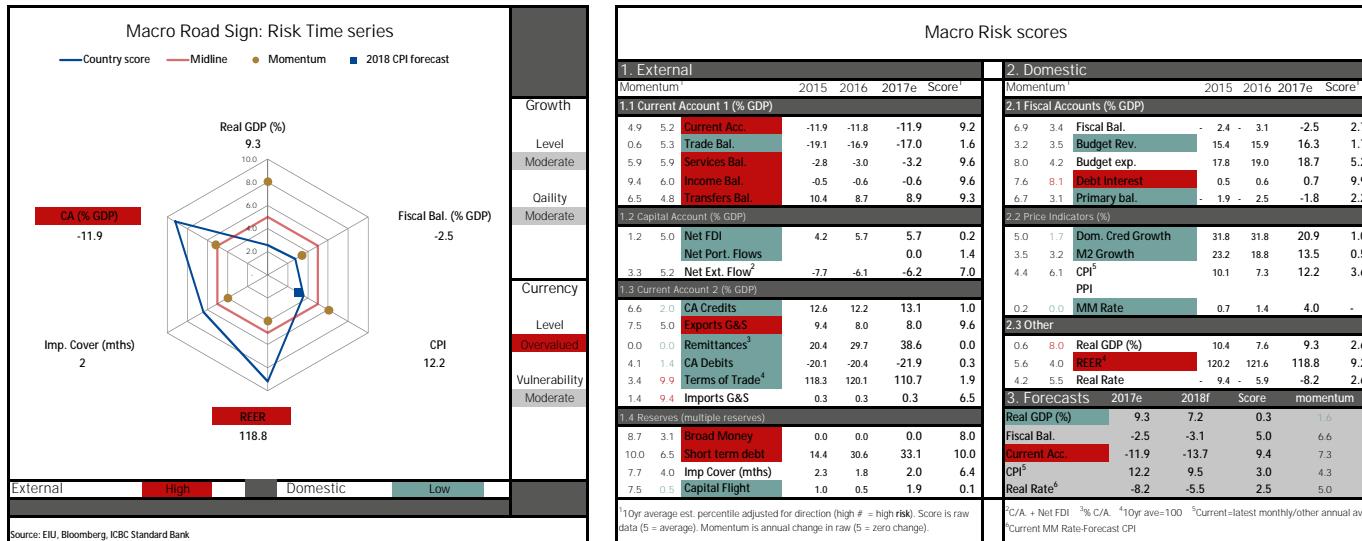
Comparative Analysis (Cross Section)



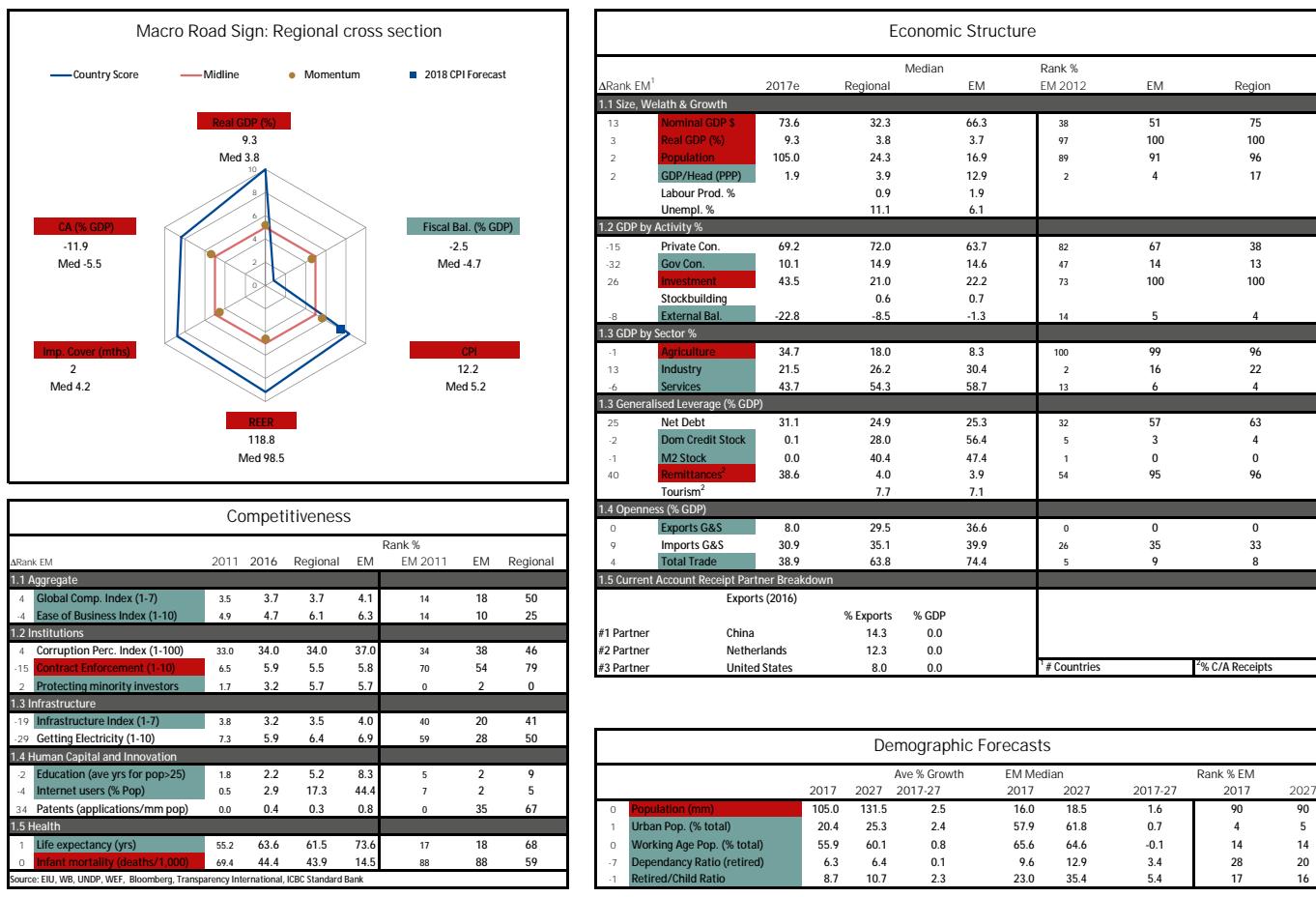
Ethiopia

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

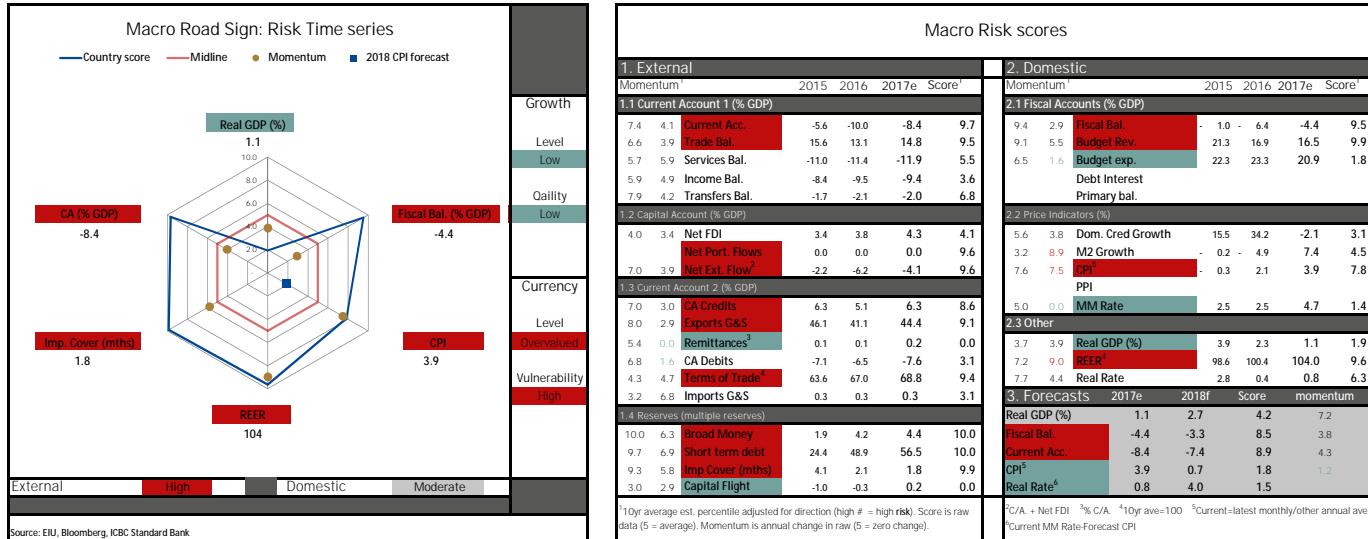


Comparative Analysis (Cross Section)



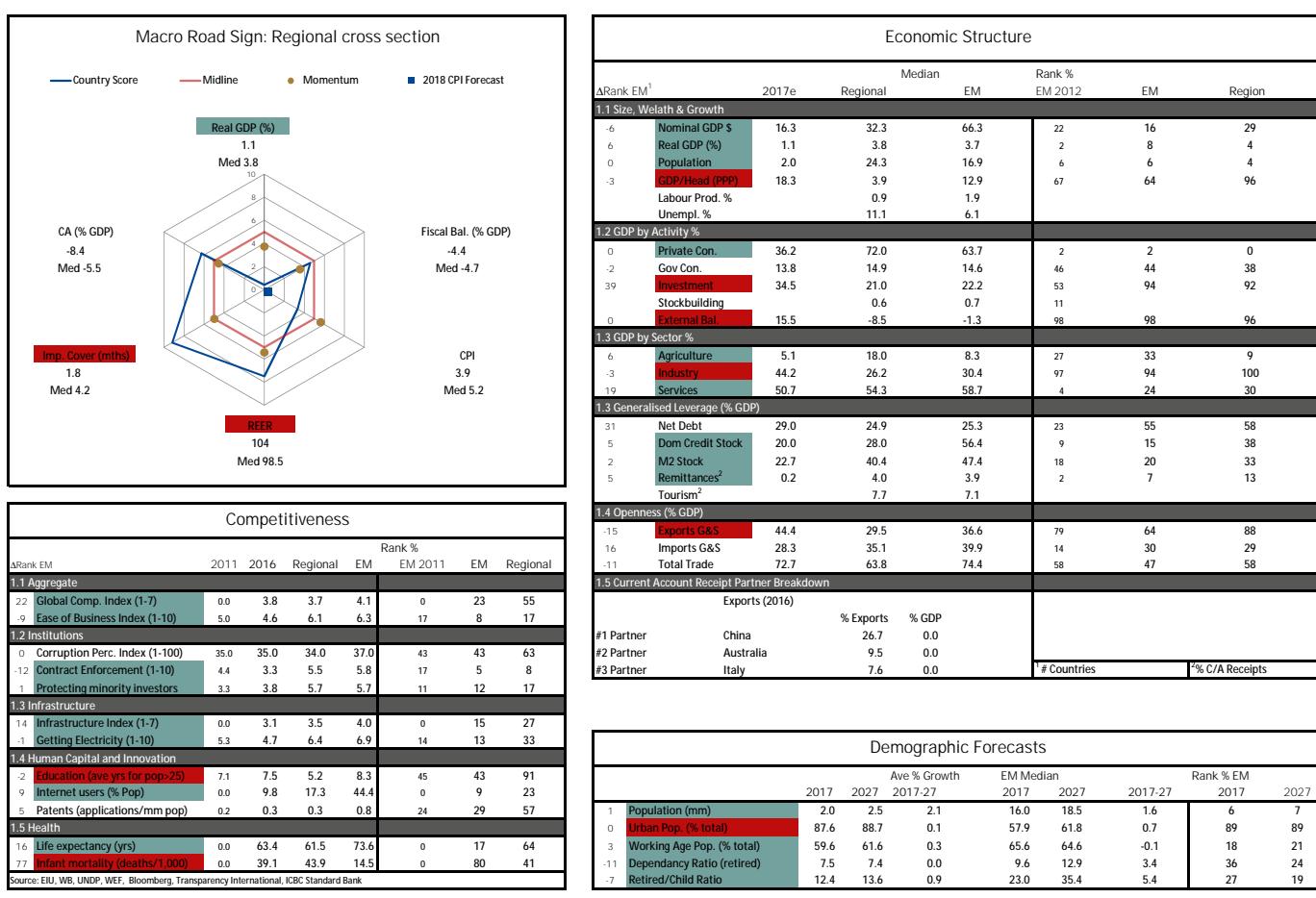
Gabon

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

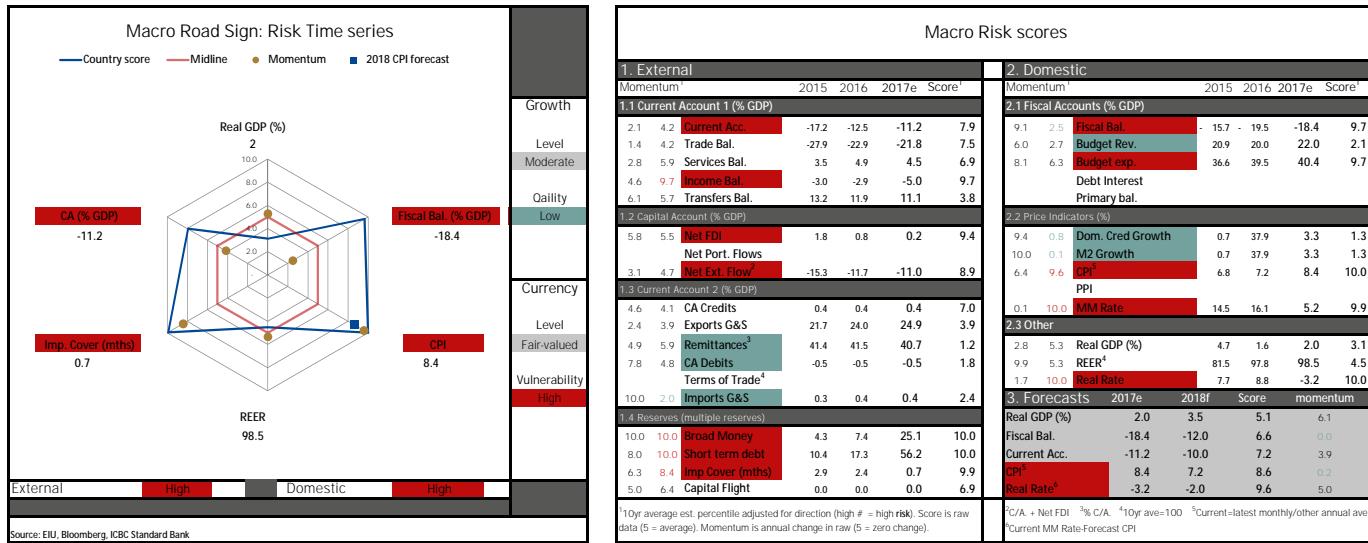
Comparative Analysis (Cross Section)



Gambia

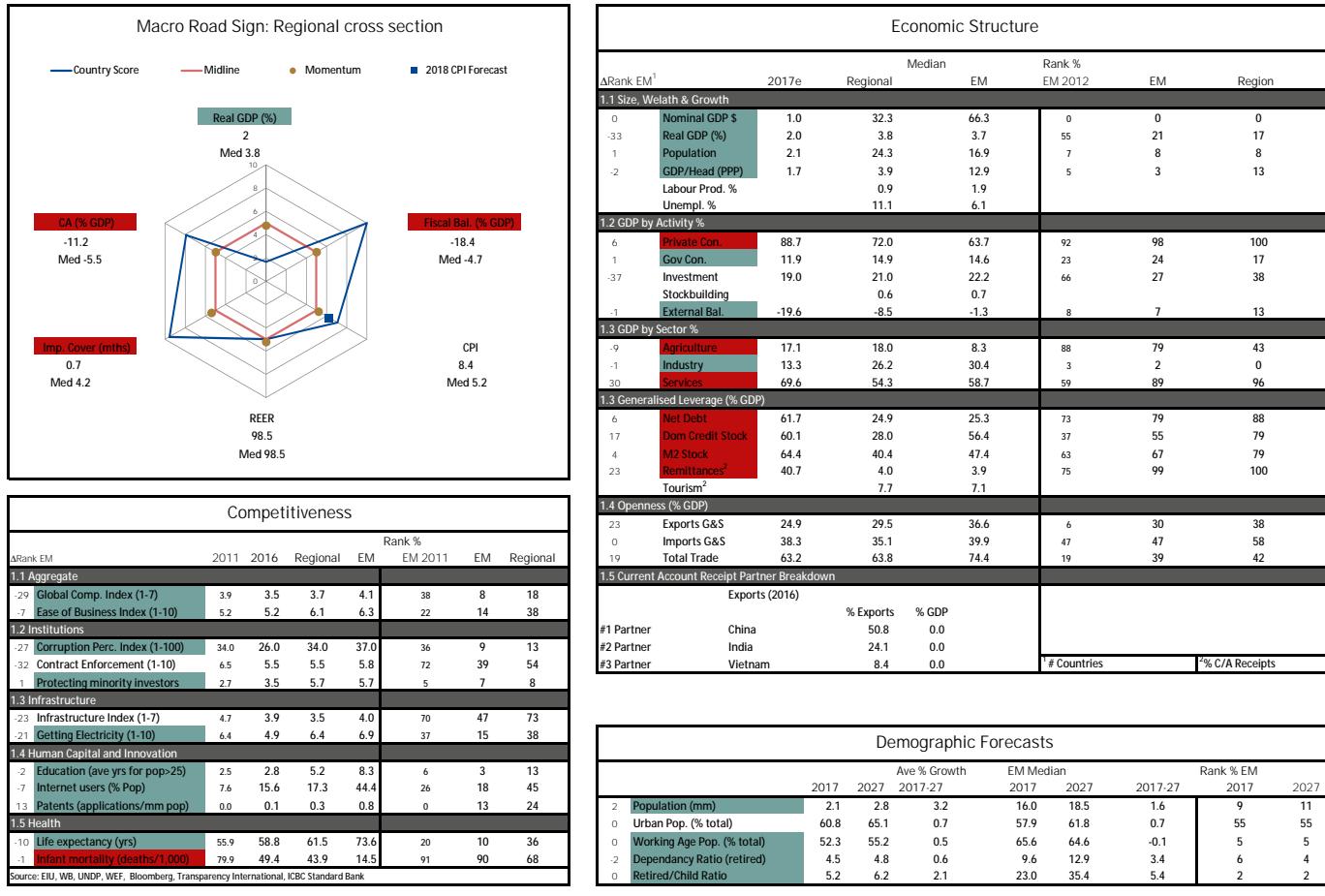
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



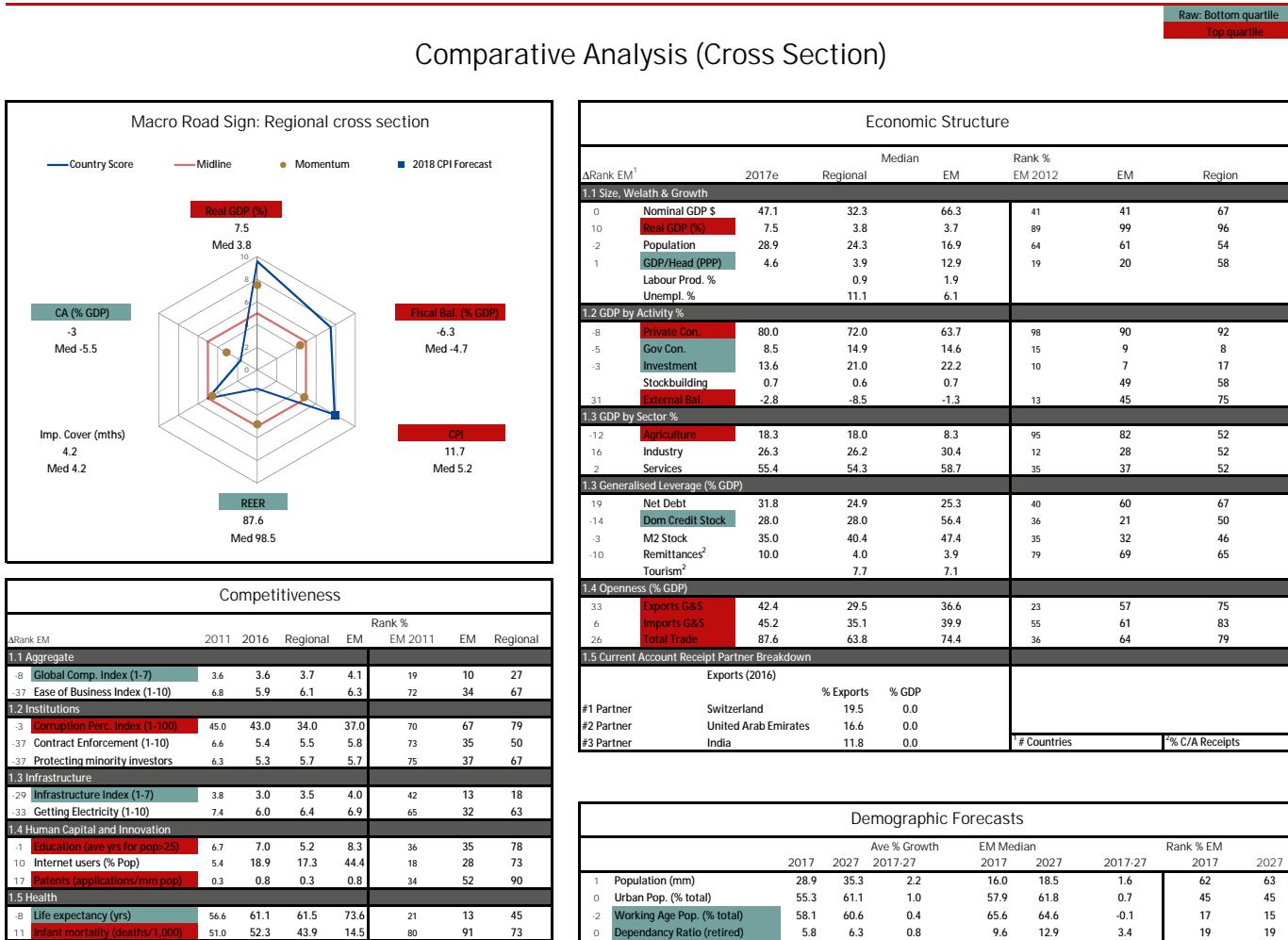
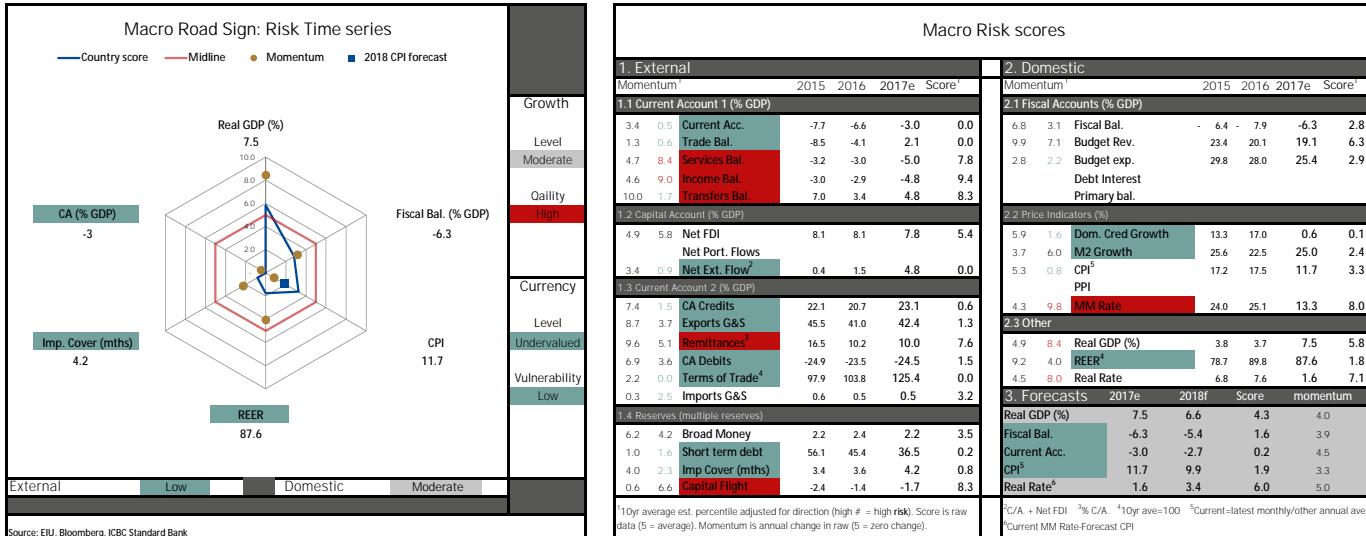
Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)



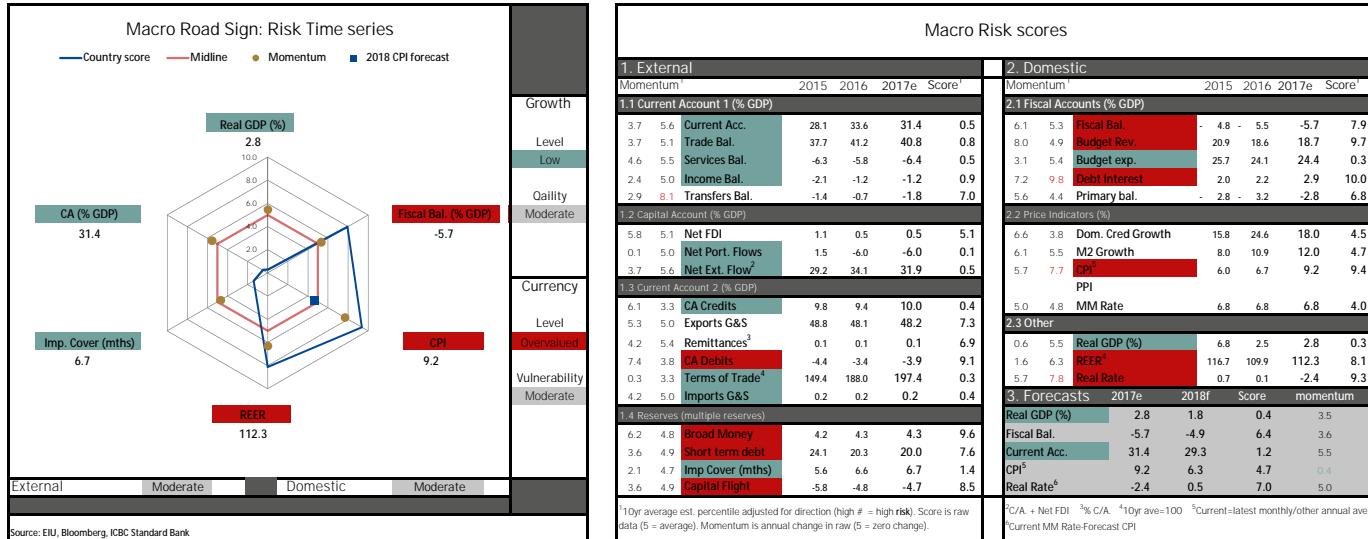
Ghana

Risk Analysis (Time Series)

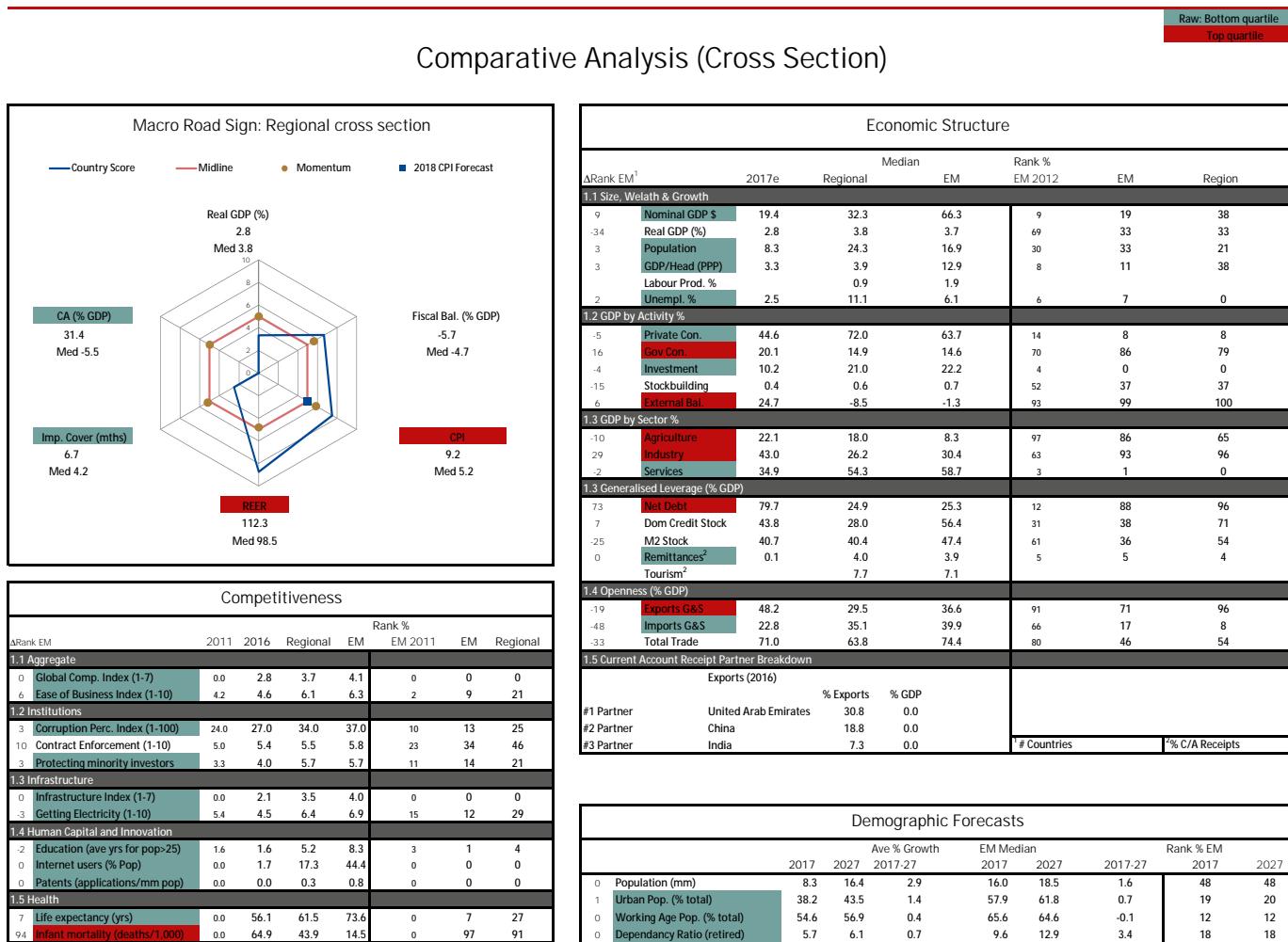


Guinea

Risk Analysis (Time Series)



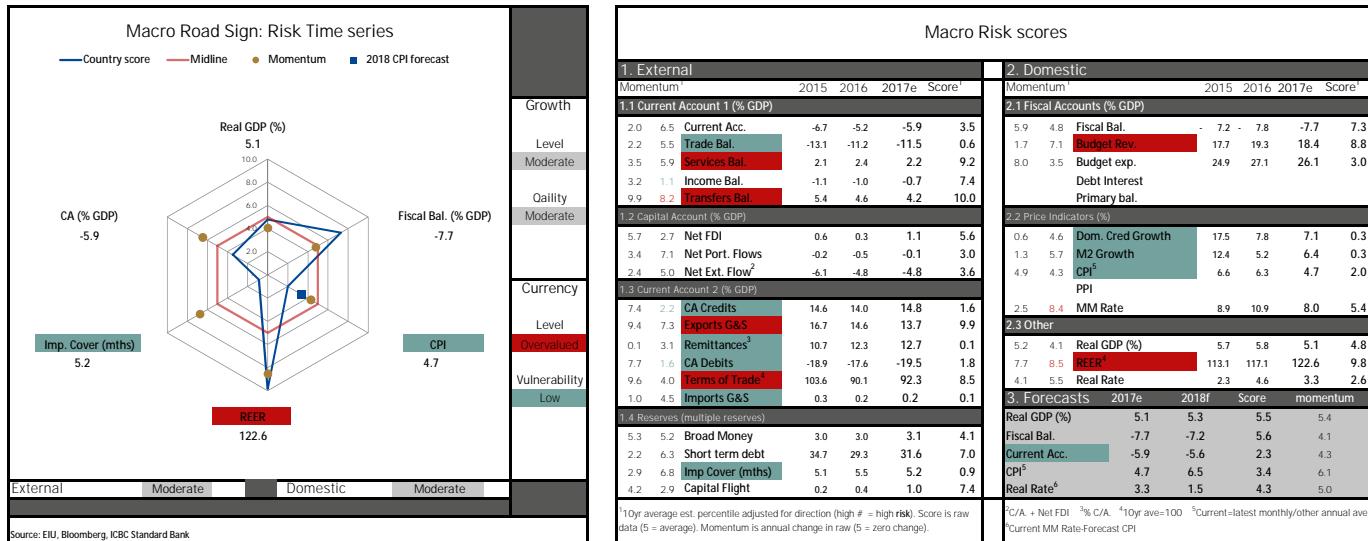
10yr History: Bottom quartile / low risk
Top quartile / high risk



Kenya

Risk Analysis (Time Series)

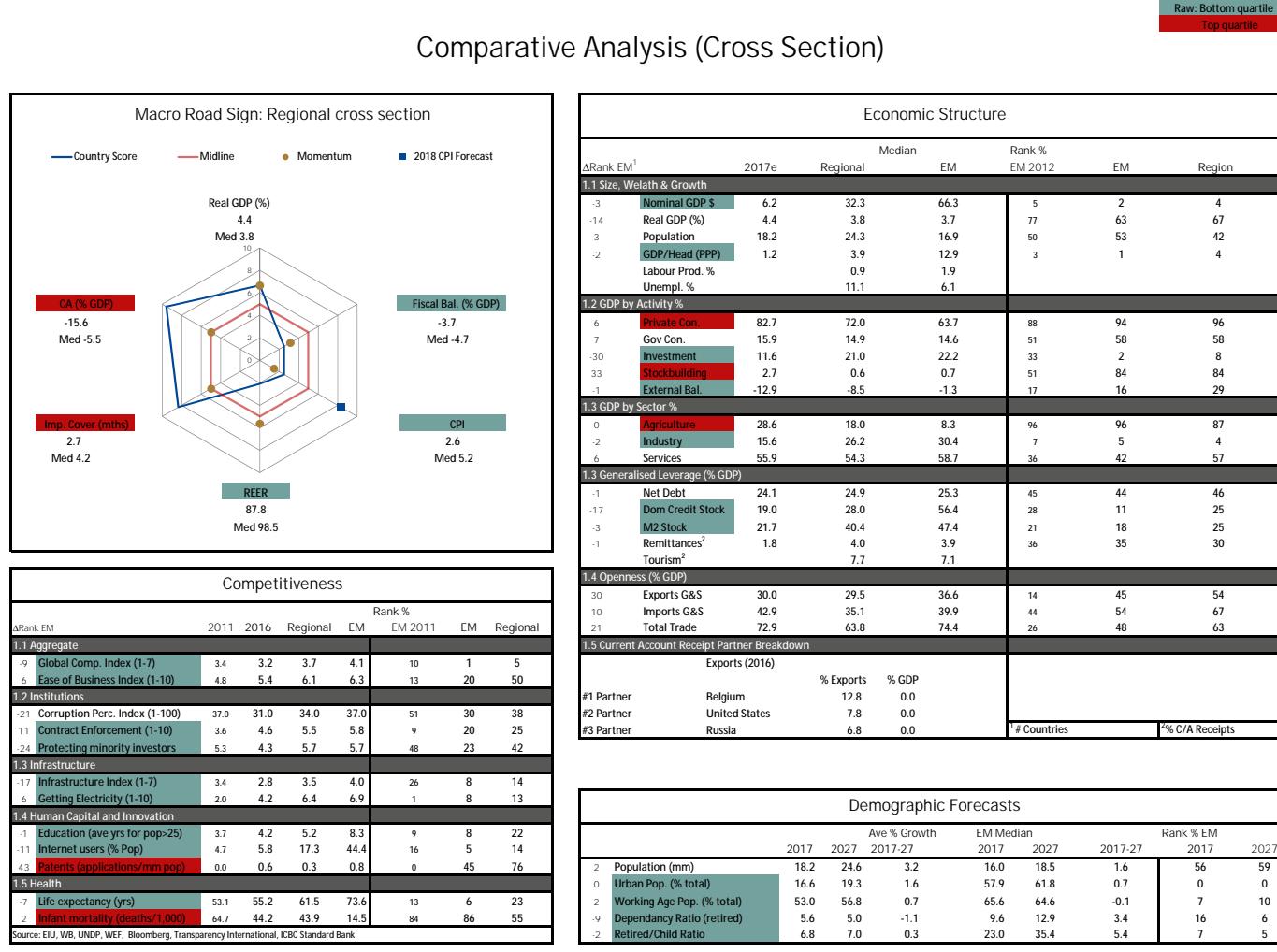
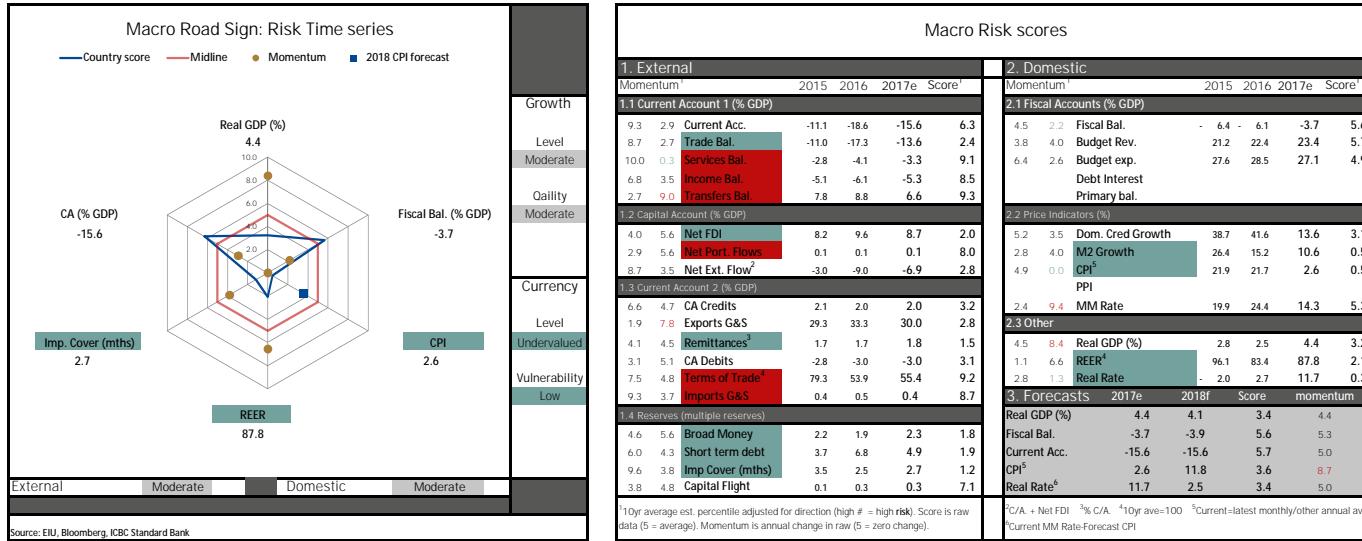
10yr History: Bottom quartile / low risk
Top quartile / high risk



Malawi

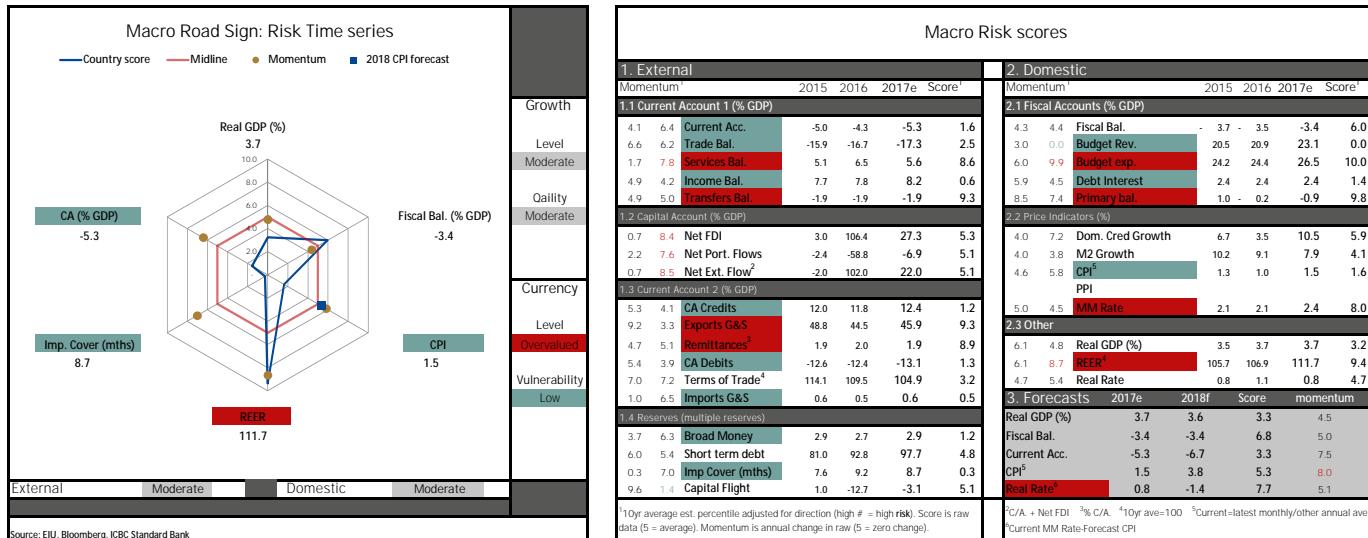
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

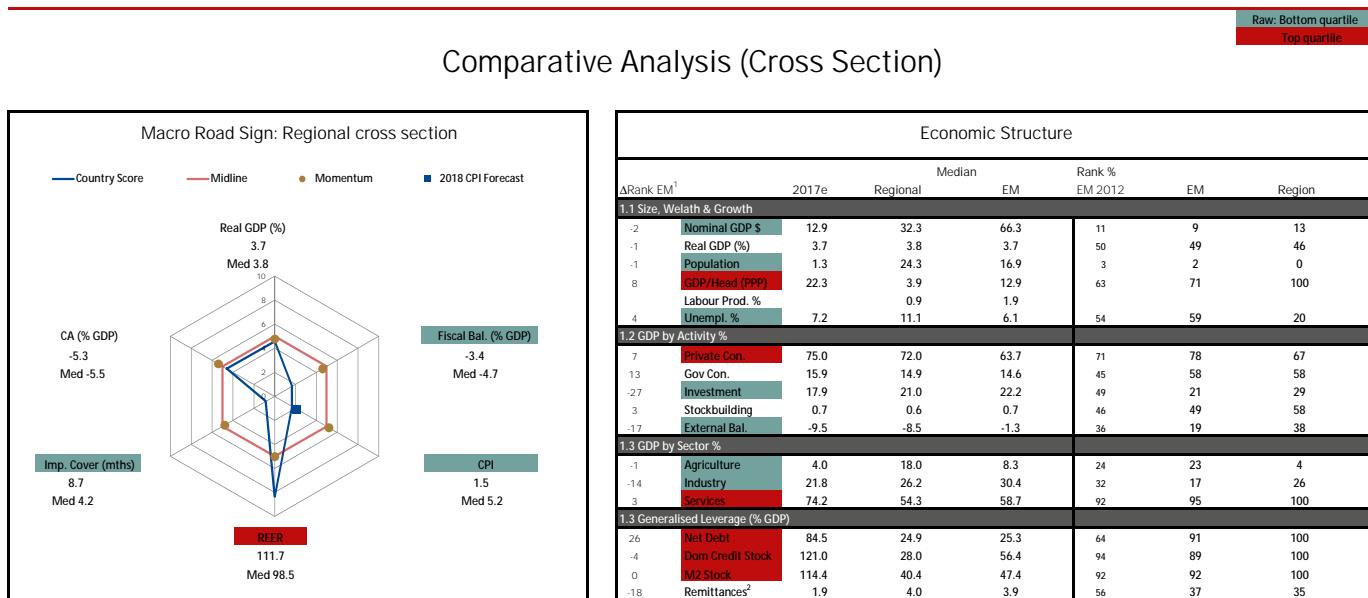


Mauritius

Risk Analysis (Time Series)



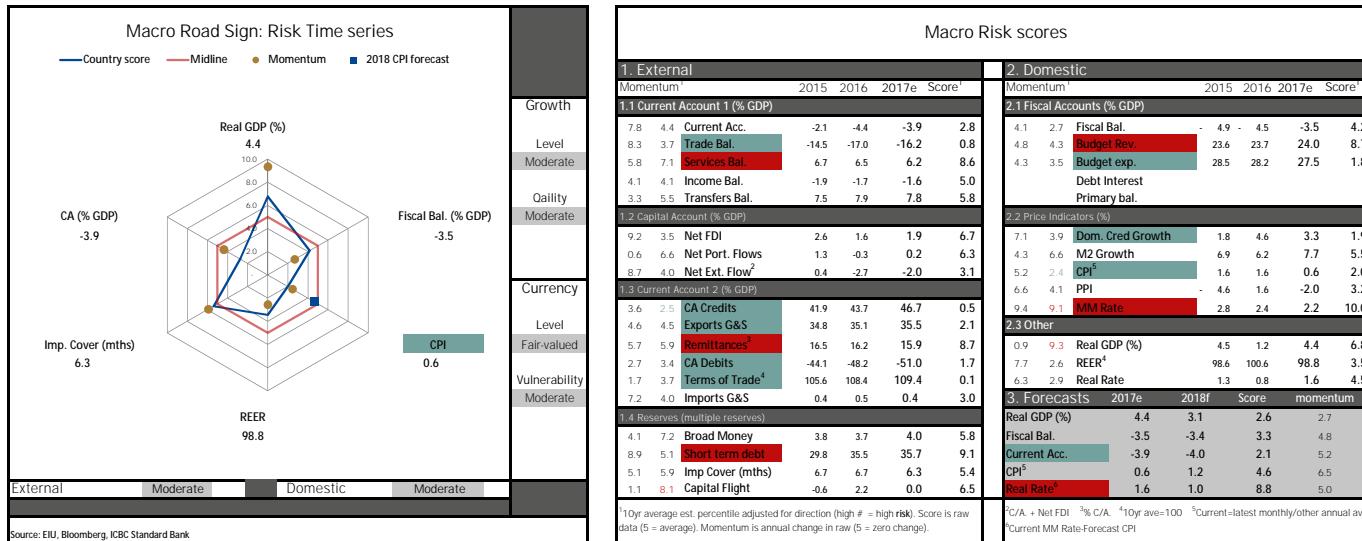
10yr History: Bottom quartile / low risk
Top quartile / high risk



Morocco

Risk Analysis (Time Series)

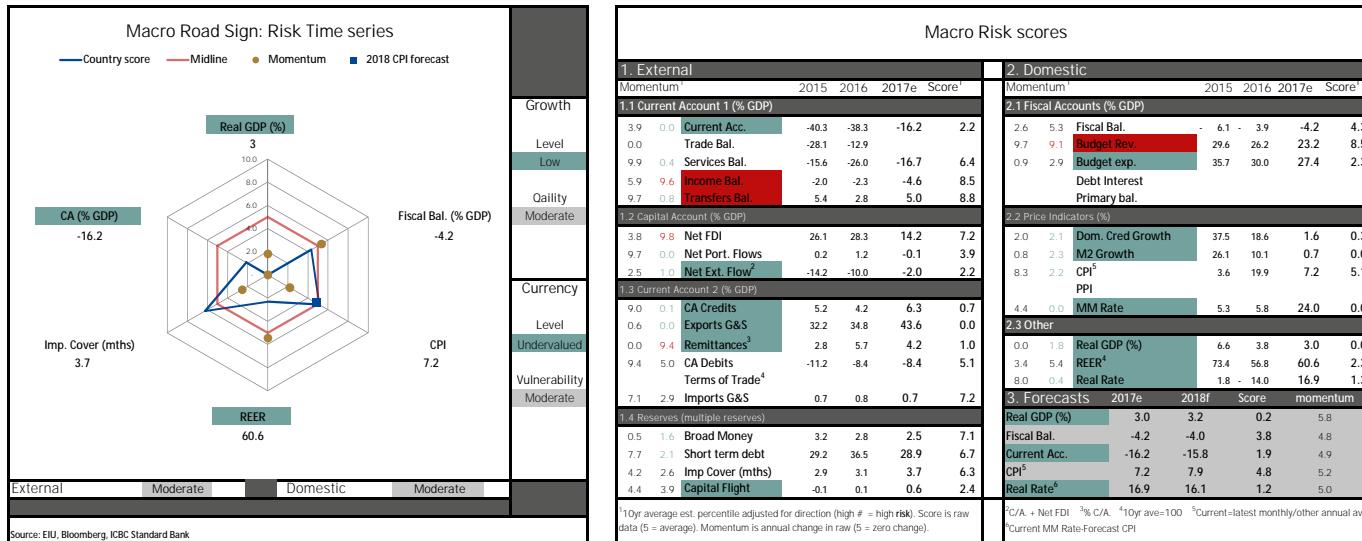
10yr History: Bottom quartile / low risk
Top quartile / high risk



Mozambique

Risk Analysis (Time Series)

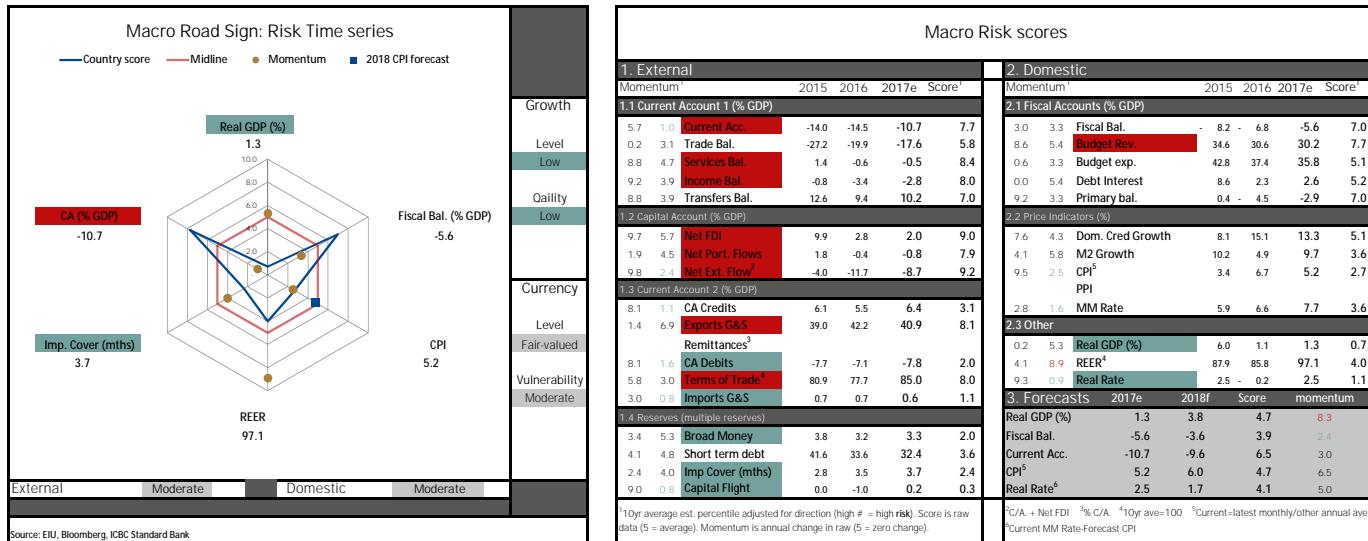
10yr History: Bottom quartile / low risk
Top quartile / high risk



Namibia

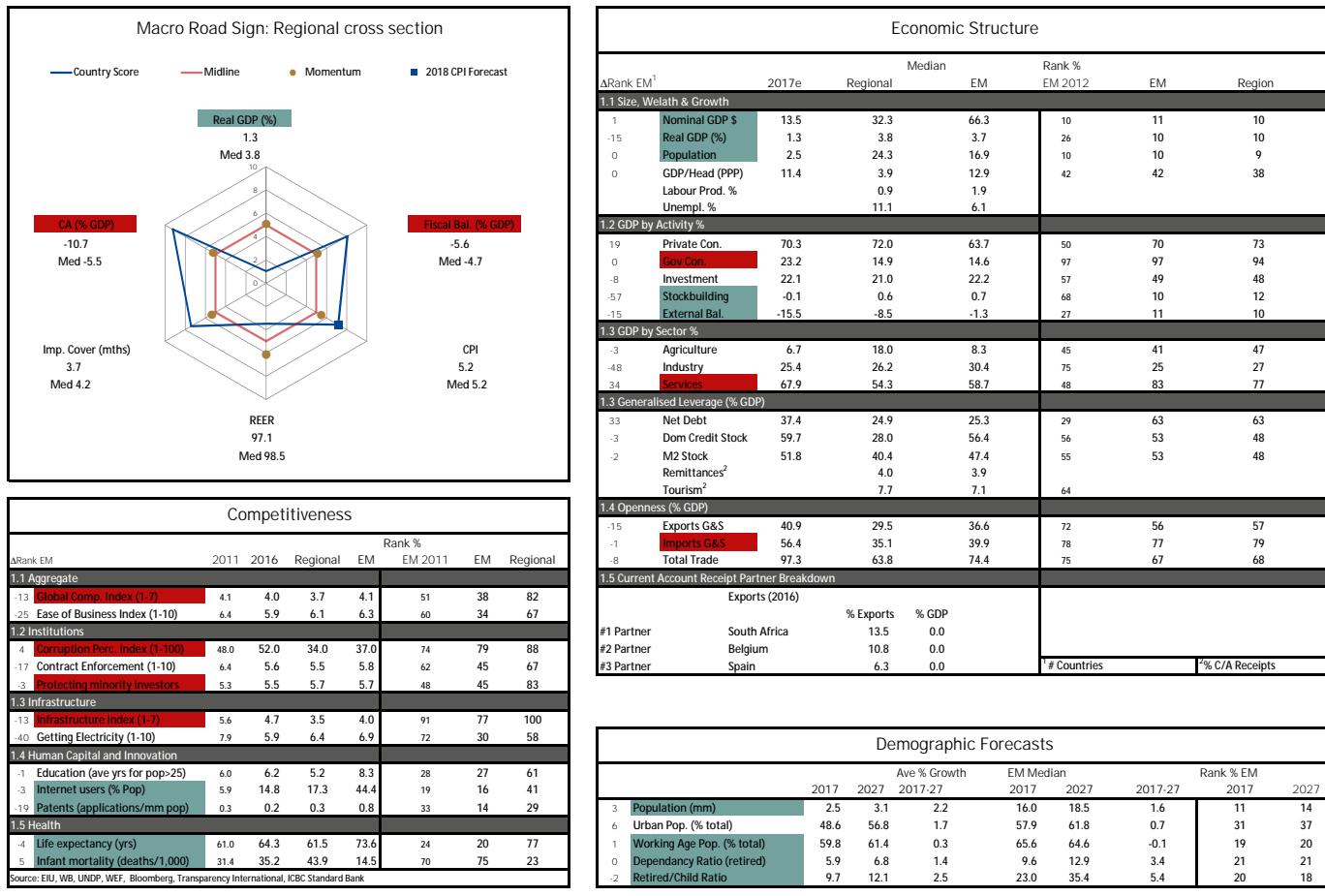
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

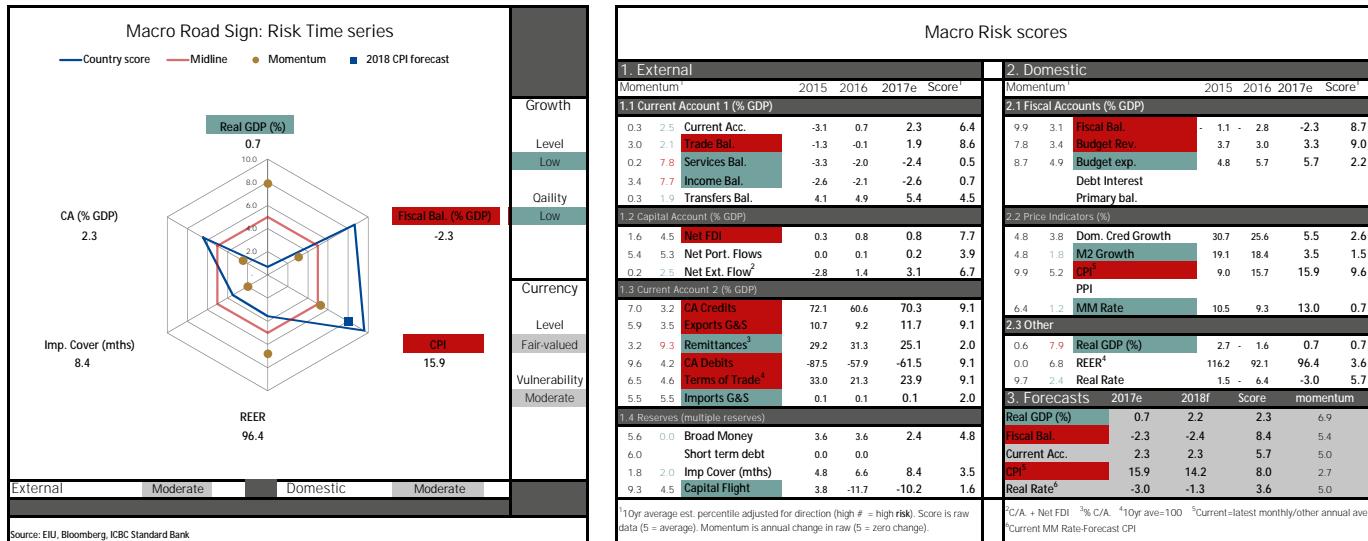
Raw: Bottom quartile
Top quartile



Nigeria

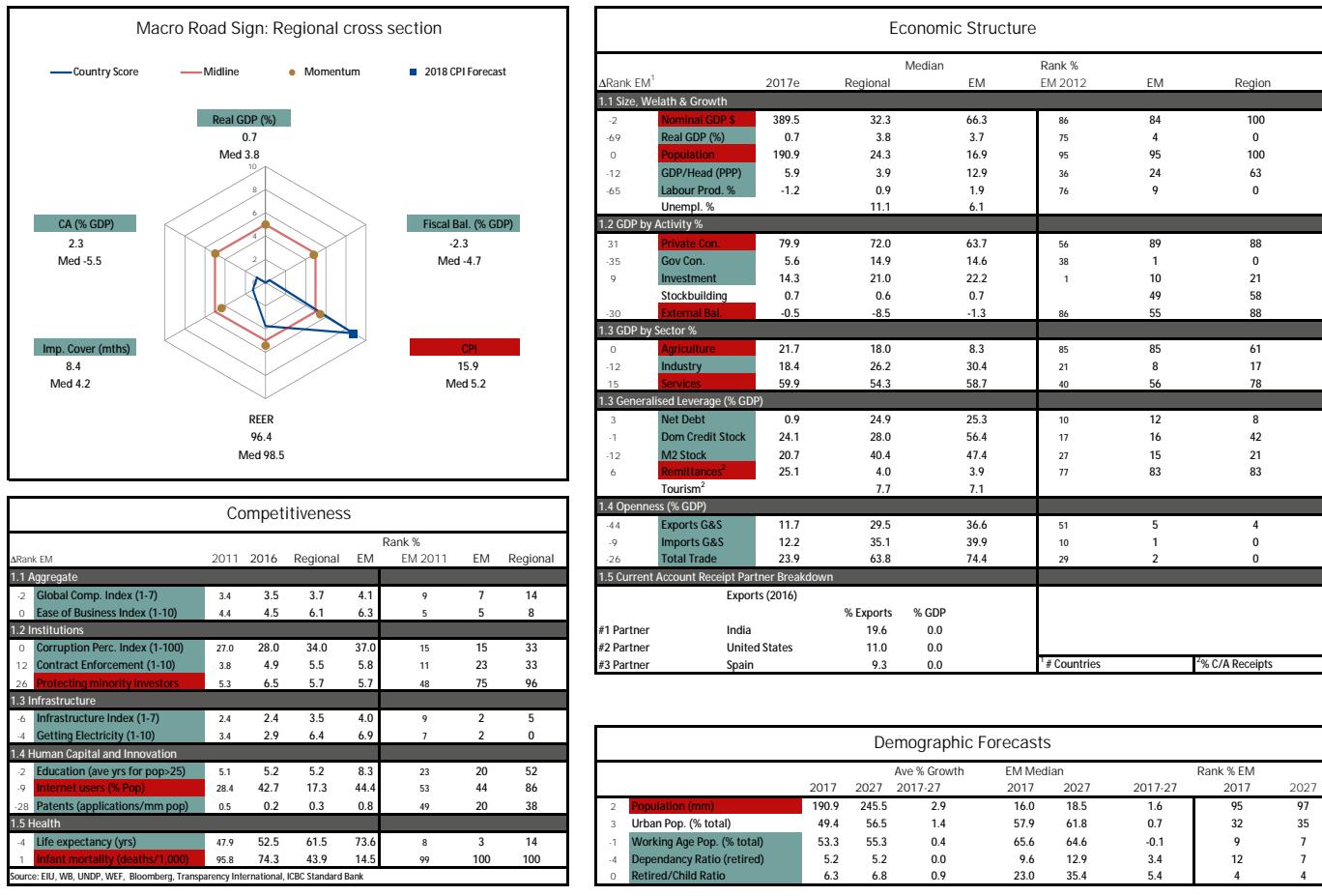
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



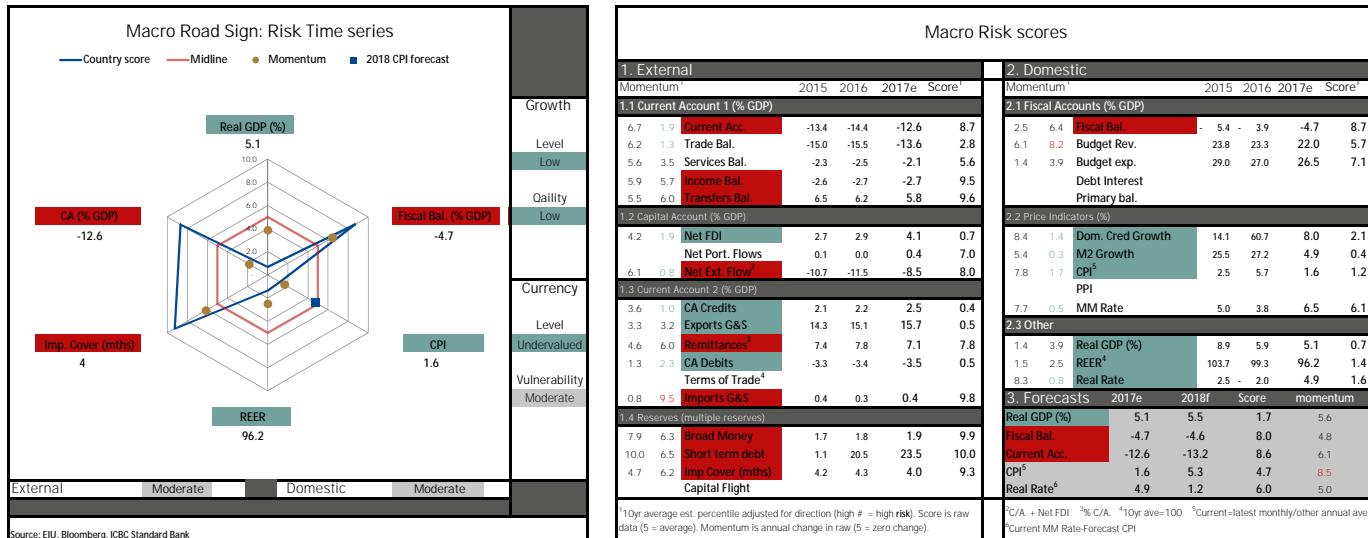
Comparative Analysis (Cross Section)

Raw: Bottom quartile
Top quartile



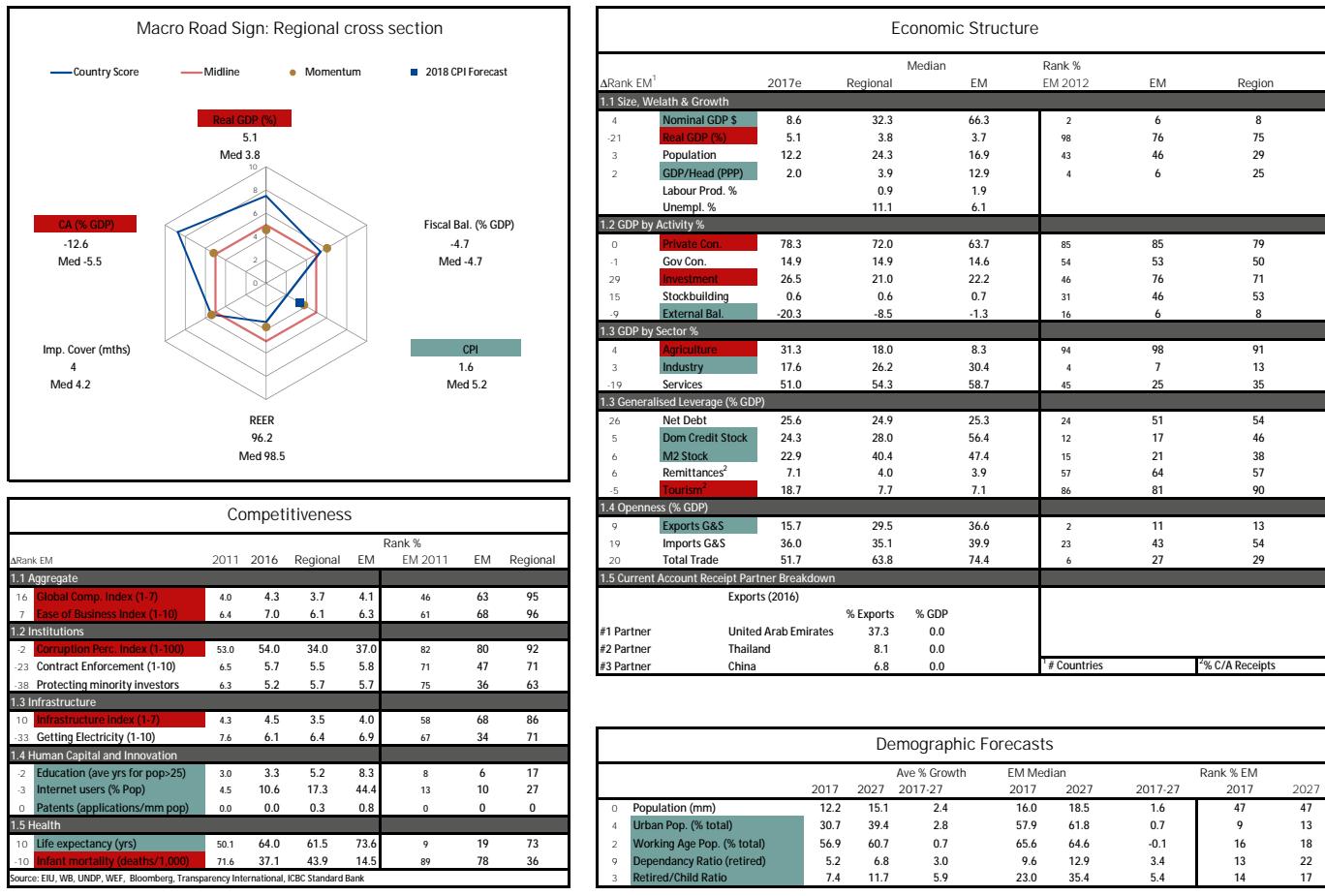
Rwanda

Risk Analysis (Time Series)



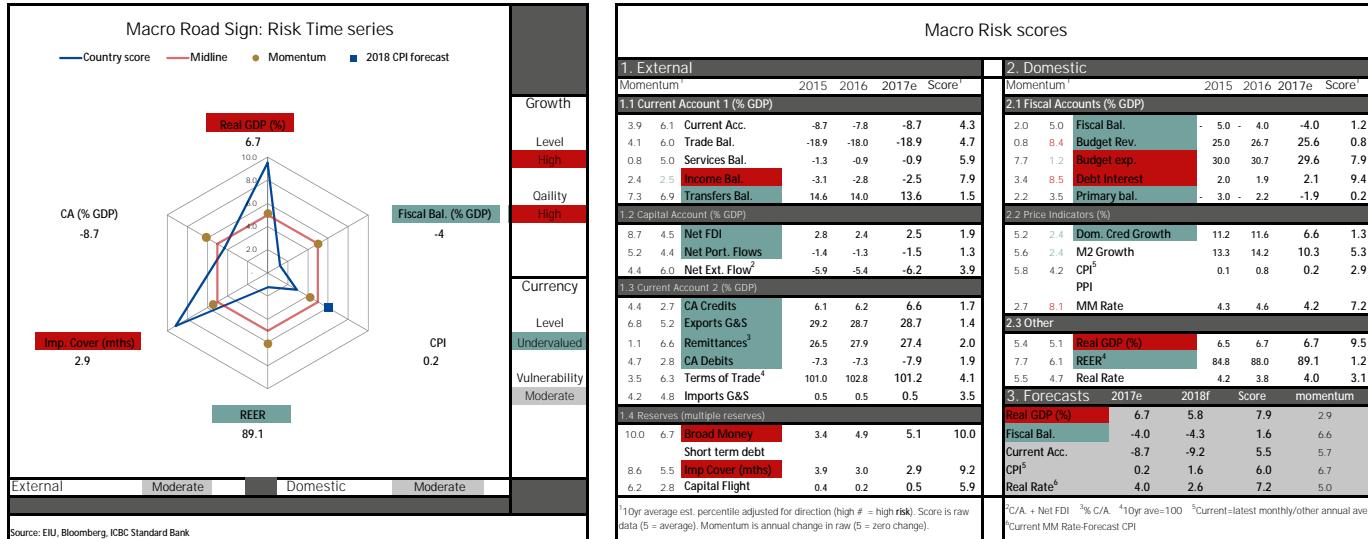
10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)

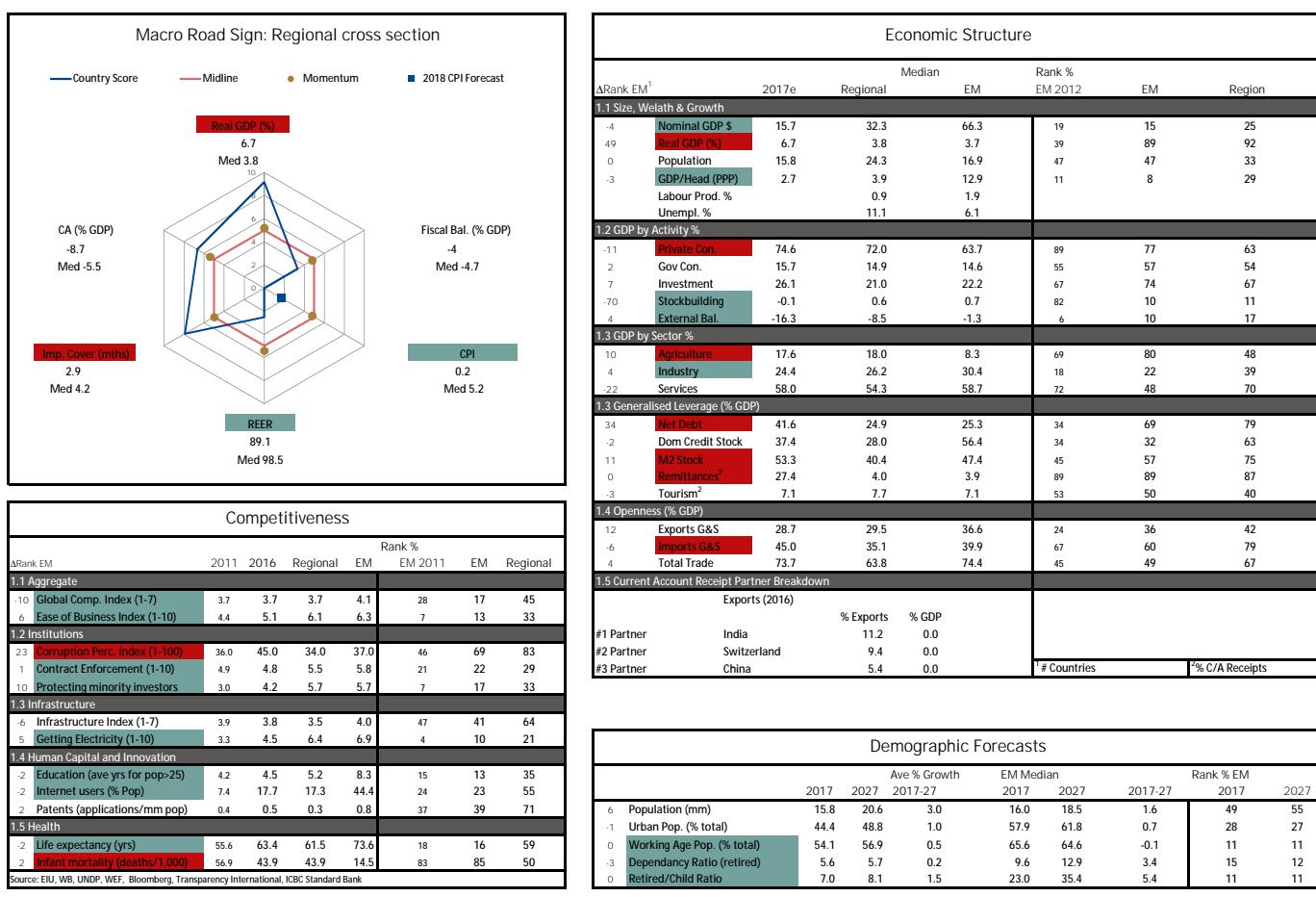


Senegal

Risk Analysis (Time Series)

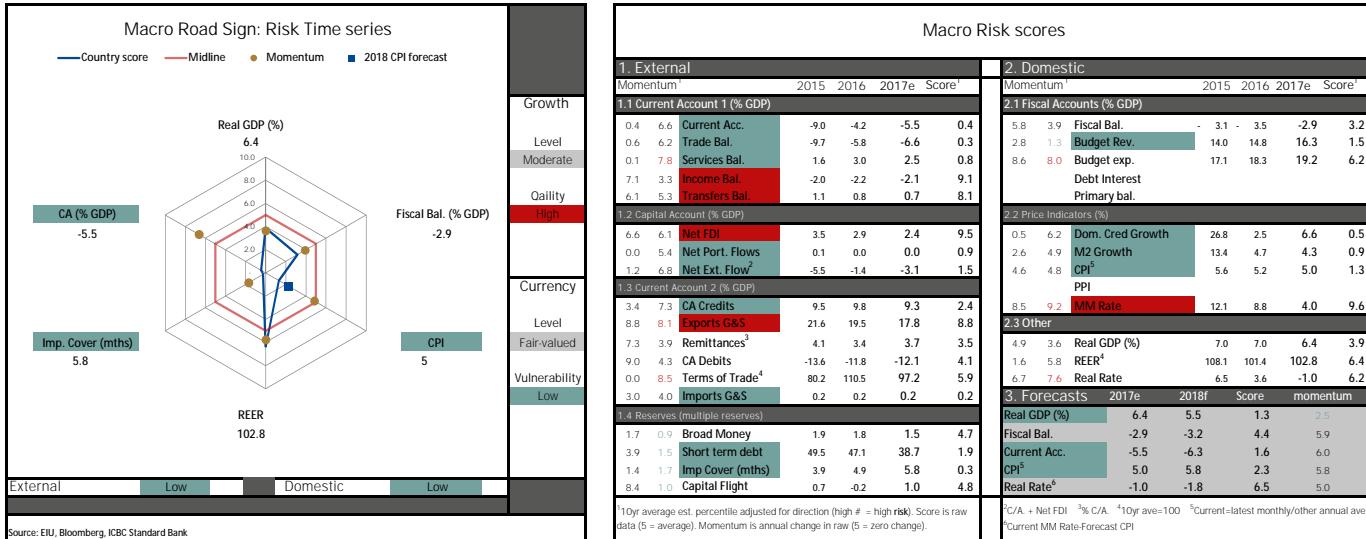


Comparative Analysis (Cross Section)



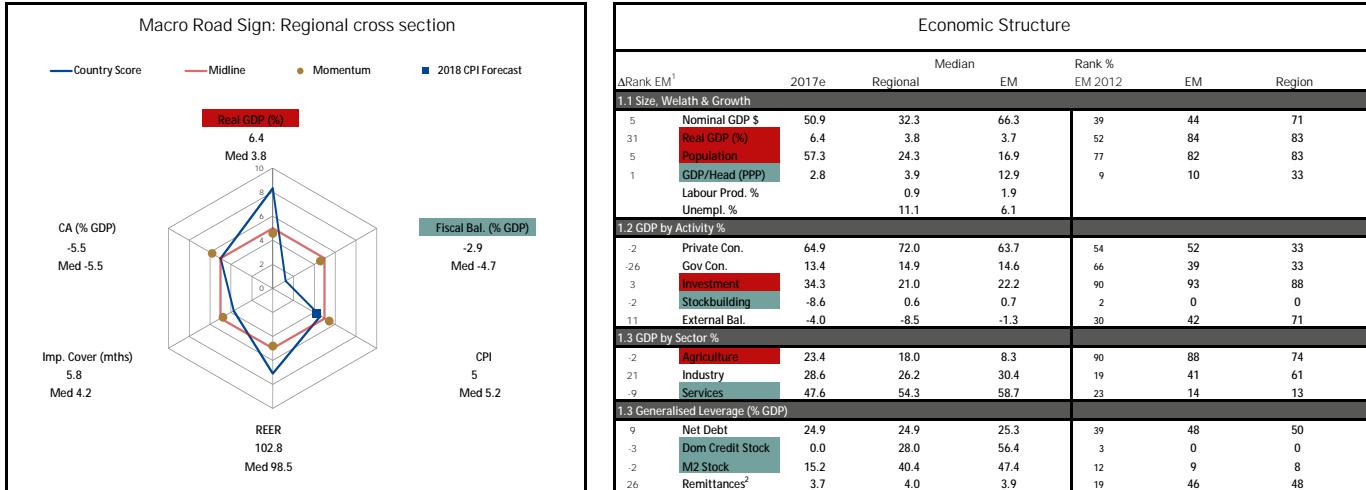
Tanzania

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)



Competitiveness

Rank EM	2011	2016	Regional	EM	Rank % EM 2011	EM	Regional
1.1 Aggregate							
1.1 Global Comp. Index (1-7)	3.6	3.6	3.7	4.1	20	9	23
1.10 Ease of Business Index (1-10)	5.7	5.4	6.1	6.3	30	21	54
1.2 Institutions							
1.9 Corruption Per. Index (1-10)	35.0	32.0	34.0	37.0	43	33	42
10 Contract Enforcement (1-10)	6.6	6.2	5.5	5.8	77	67	92
33 Protecting minority investors	5.3	4.0	5.7	5.7	48	14	21
1.3 Infrastructure							
4 Infrastructure Index (1-7)	3.0	3.1	3.5	4.0	12	16	32
5 Getting Electricity (1-10)	7.3	7.1	6.4	6.9	62	57	92
1.4 Human Capital and Innovation							
2 Education (ave yrs for pop>25)	4.9	5.1	5.2	8.3	22	19	48
4 Internet users (% Pop)	1.5	4.9	17.3	44.4	8	3	9
38 Patents (applications/mm pop)	0.4	0.0	0.3	0.8	39	0	0
1.5 Health							
5 Life expectancy (yrs)	55.6	61.5	61.5	73.6	19	14	50
8 Infant mortality (deaths/1,000)	66.8	36.4	43.9	14.5	86	77	32

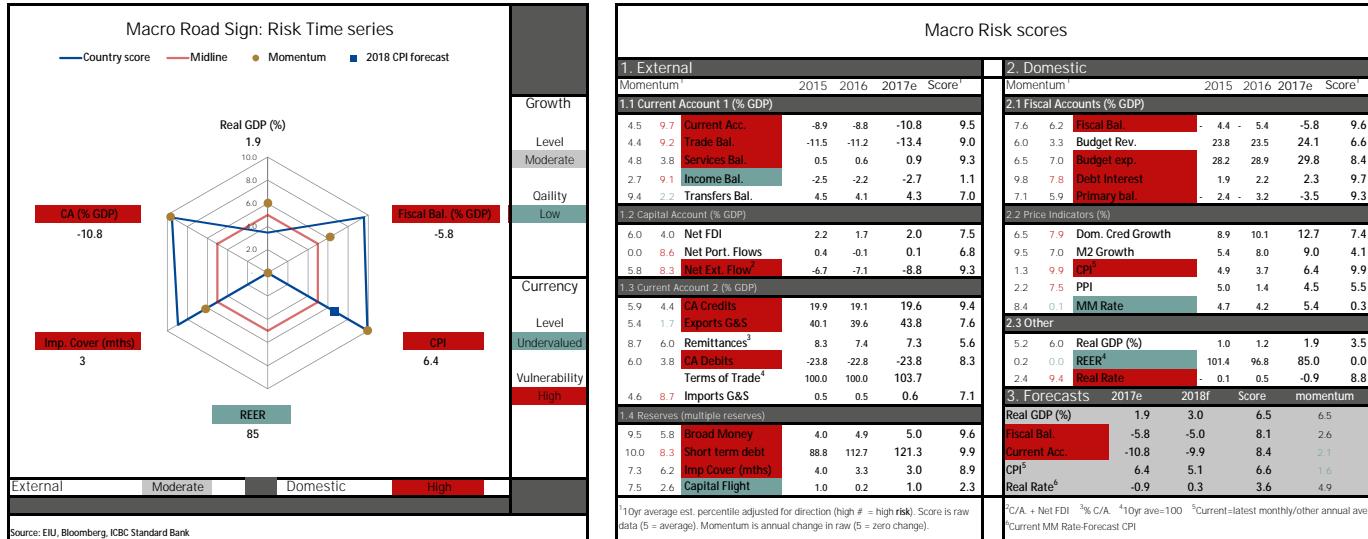
Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Demographic Forecasts

	Ave % Growth	EM Median	Rank % EM					
	2017	2027	2017-27	2017	2027			
1 Population (mm)	57.3	77.0	3.4	16.0	18.5	1.6	82	83
4 Urban Pop. (% total)	33.0	39.9	2.1	57.9	61.8	0.7	12	16
0 Working Age Pop. (% total)	52.0	54.5	0.5	65.6	64.6	-0.1	3	3
8 Dependency Ratio (retired)	6.0	5.9	-0.1	9.6	12.9	3.4	23	15
-1 Retired/Child Ratio	6.9	7.6	1.0	23.0	35.4	5.4	10	9

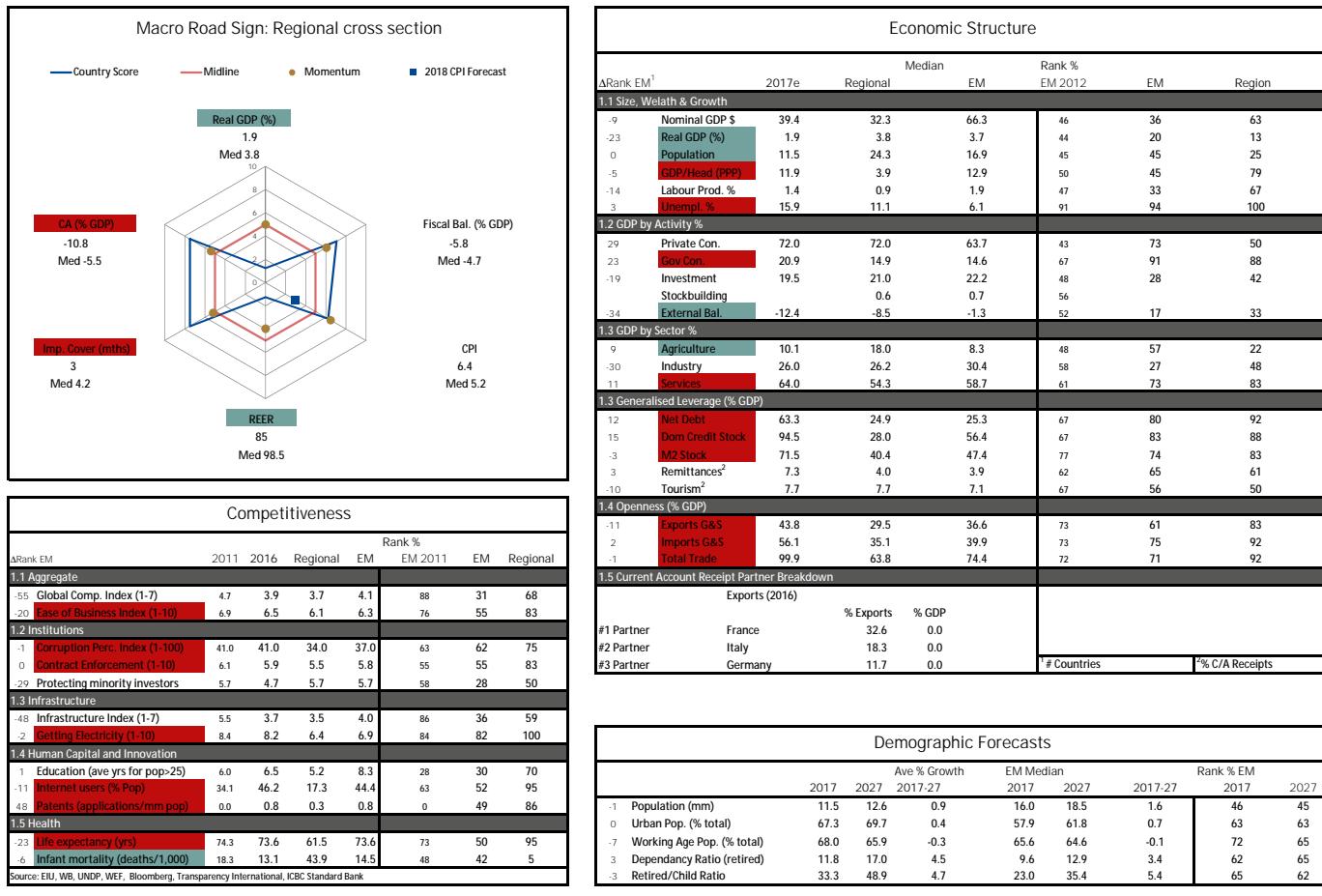
Tunisia

Risk Analysis (Time Series)



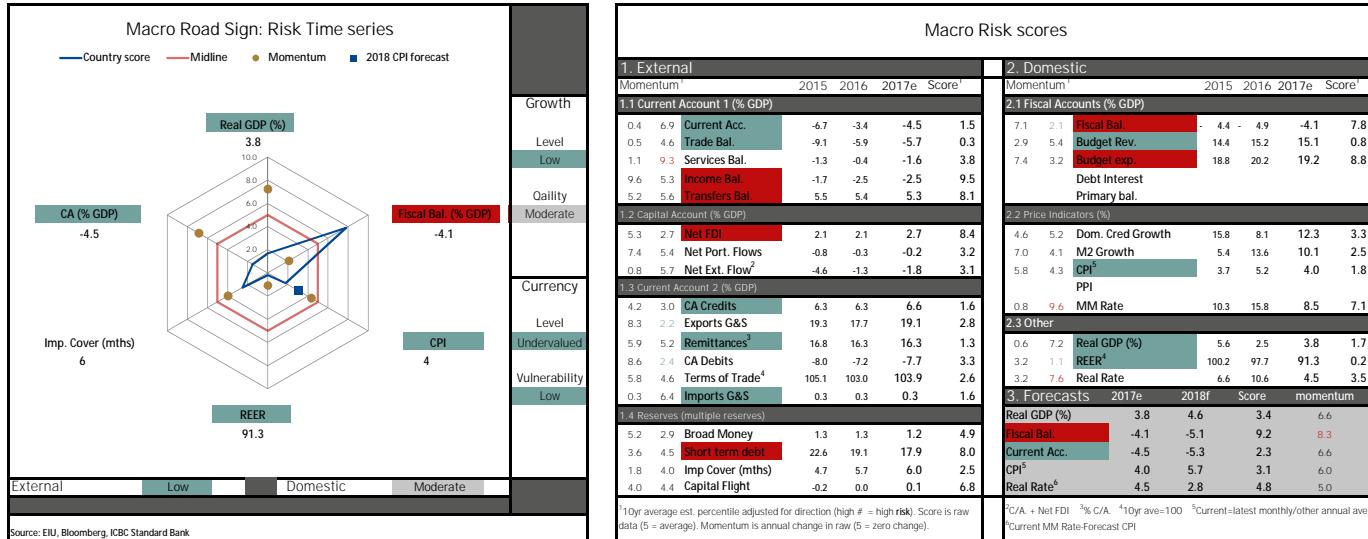
10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)

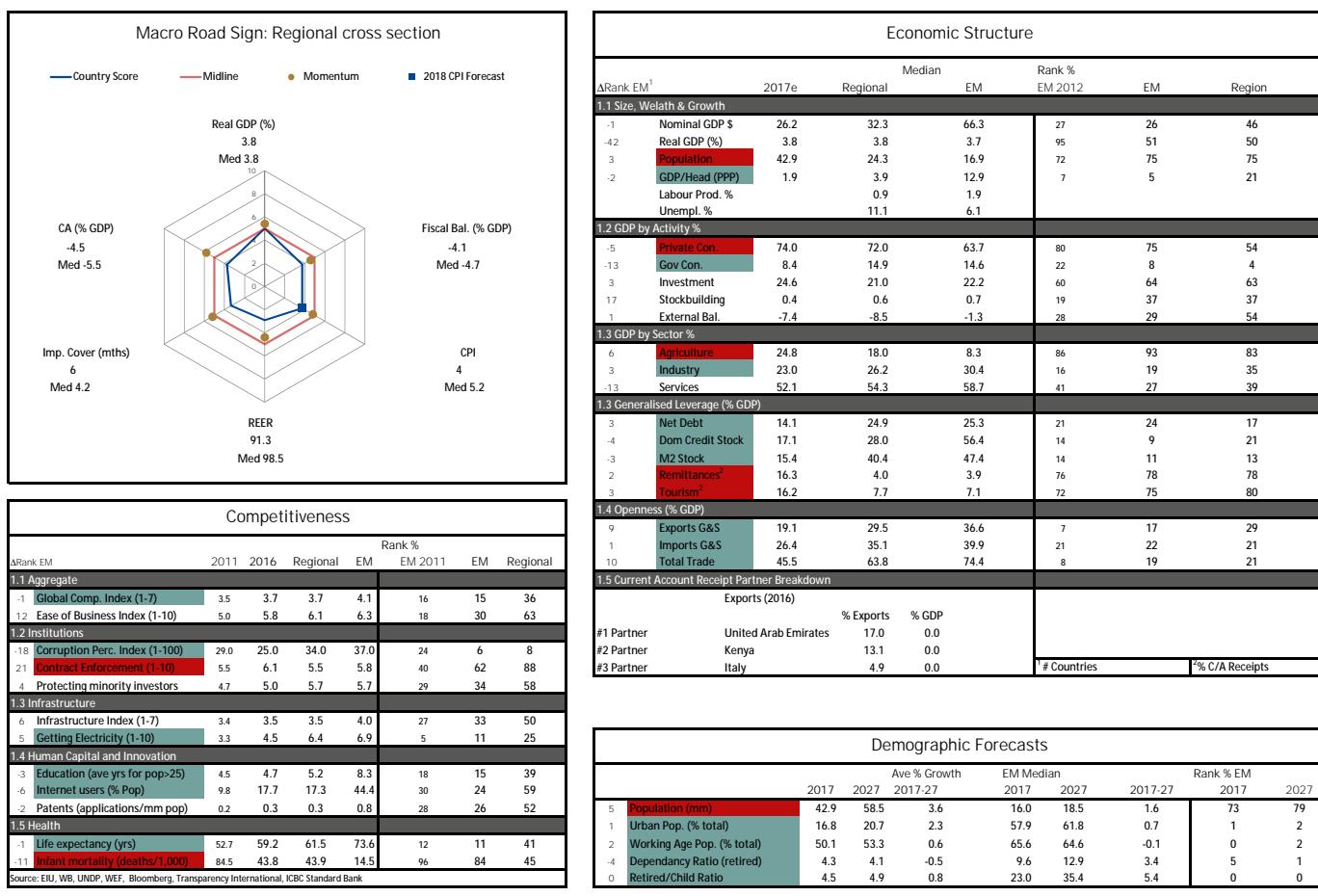


Uganda

Risk Analysis (Time Series)

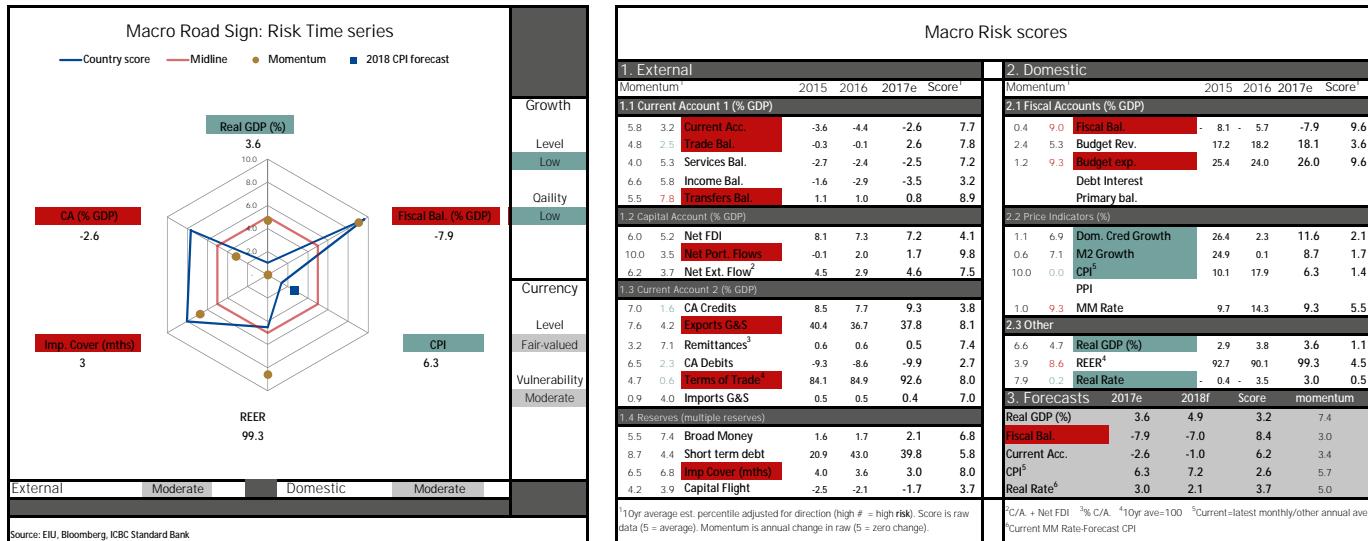


Comparative Analysis (Cross Section)



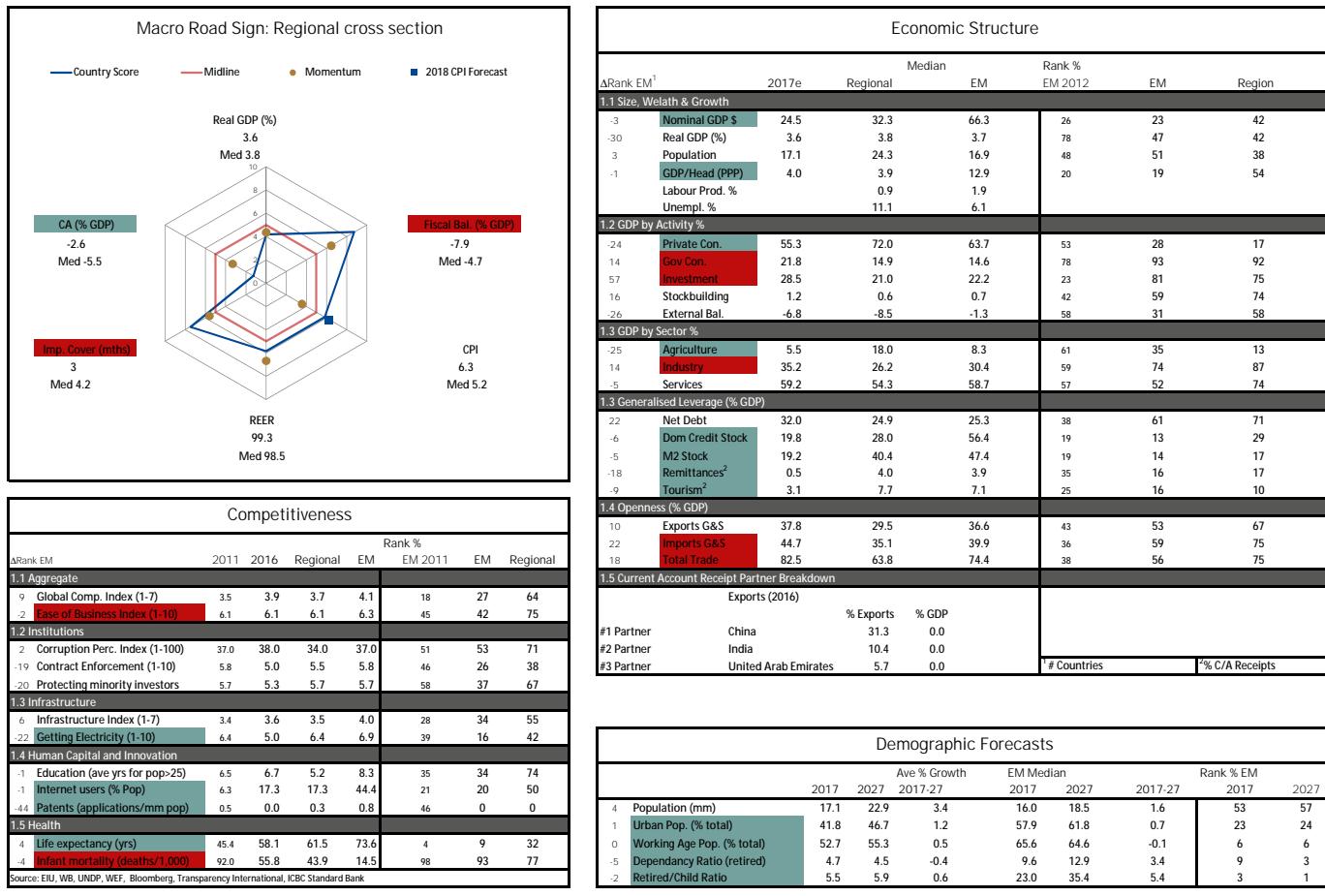
Zambia

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)

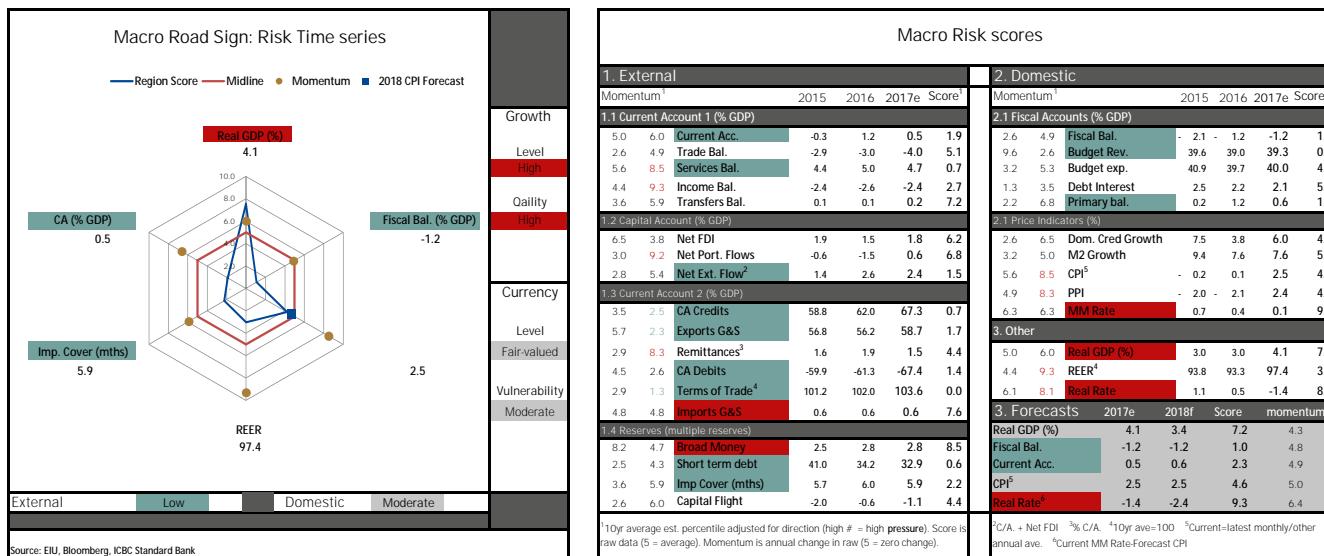


CEMEA

CEMEA

10yr History: Bottom quartile / low risk
Top quartile / high risk

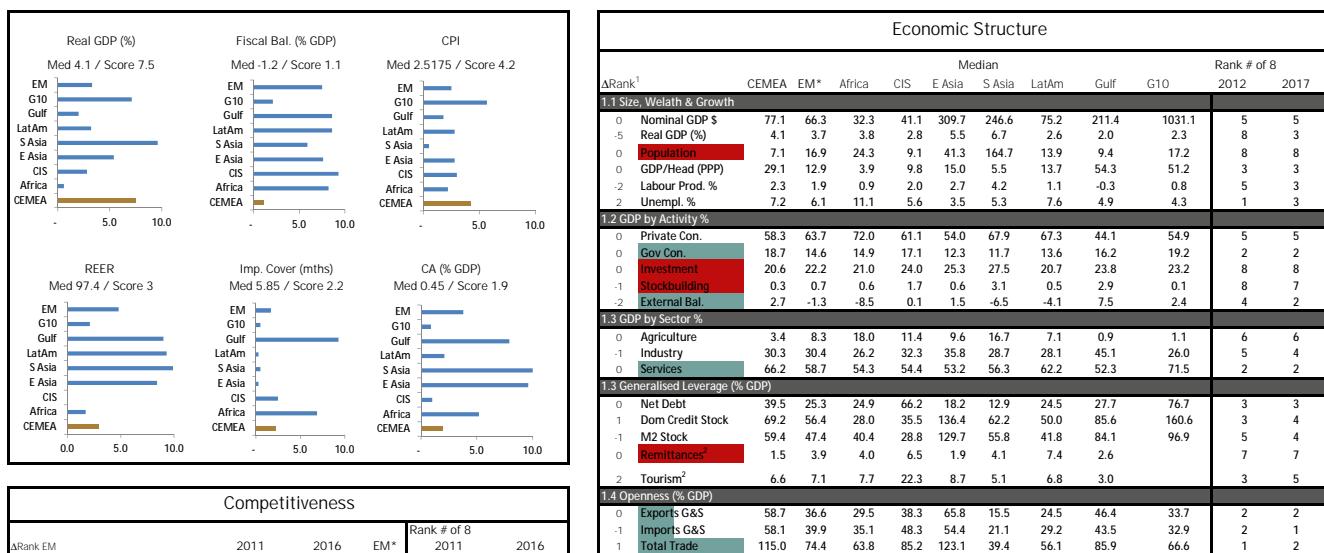
Risk Analysis (Time Series)



Source: EU, Bloomberg, ICBC Standard Bank

Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)



Source: EU, WB, UNDP, WEF, Transparency International, ICBC Standard Bank

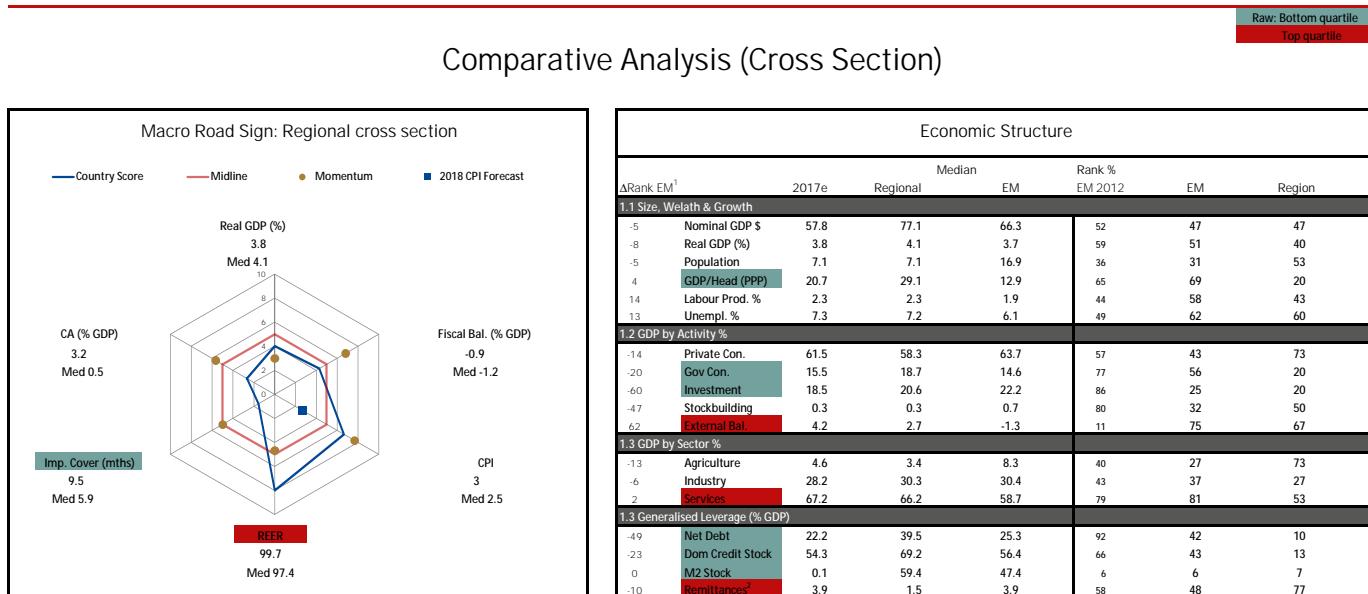
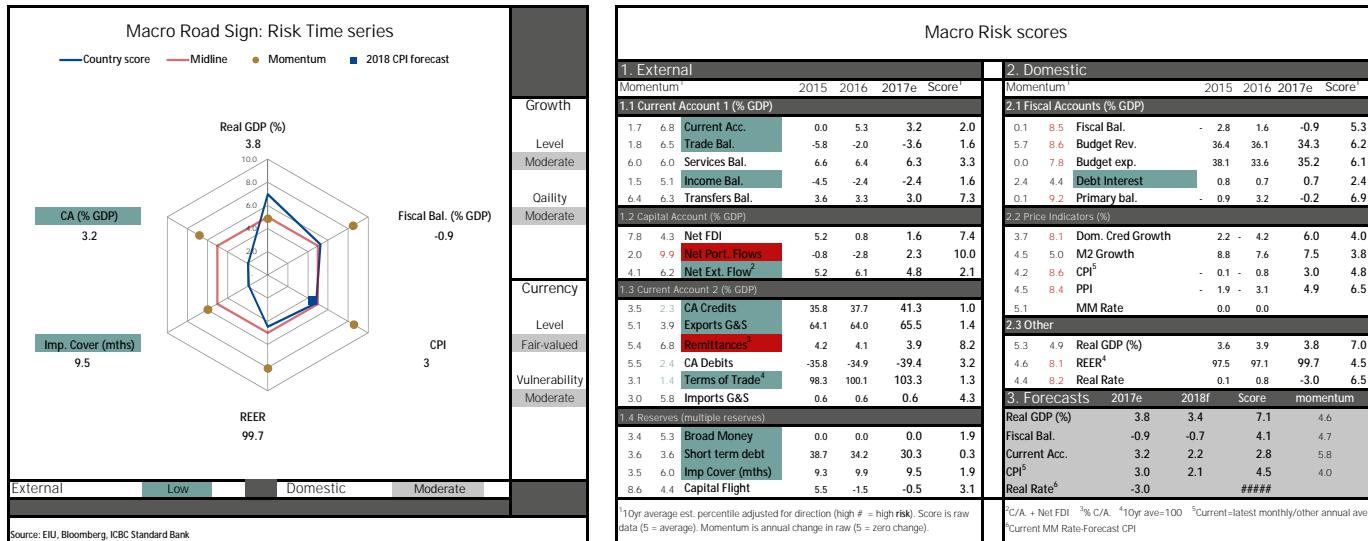
% C/A Receipts

	Demographic Forecasts				Rank # of 8	
	2017	2027	2017-27	2017	2027	
0 Population (mm)	7.1	6.6	-0.6	16.0	18.5	1.6
0 Urban Pop. (% total)	66.9	68.0	0.2	57.9	61.8	0.7
1 Working Age Pop. (% total)	65.8	63.0	-0.4	65.6	64.6	-0.1
-1 Dependency Ratio (retired)	27.2	34.4	2.6	9.6	12.9	3.4
0 Retired/Child Ratio	117.9	145.0	2.3	23.0	35.4	5.4

* EM median is the median of all EM countries and not the median of all regional medians

Bulgaria

Risk Analysis (Time Series)



Competitiveness

Rank EM	2011	2016	Regional	EM	Rank %
1.1 Aggregate					
12 Global Comp. Index (1-7)	4.1	4.3	4.4	4.1	54
6 Ease of Business Index (1-10)	6.9	7.4	6.5	6.3	75
1.2 Institutions					
1- Corruption Perce. Index (1-100)	41.0	41.0	47.0	37.0	63
12 Contract Enforcement (1-10)	6.4	6.7	5.7	5.8	66
15 Protecting minority investors	6.3	7.3	5.3	5.7	75
1.3 Infrastructure					
20 Infrastructure Index (1-7)	3.1	3.7	4.7	4.0	17
23 Getting Electricity (1-10)	6.6	5.5	8.0	6.9	46
1.4 Human Capital and Innovation					
1 Education (ave yrs for pop>25)	10.2	10.6	10.6	8.3	84
9 Internet users (% Pop)	45.0	55.5	71.5	44.4	77
3 Patents (applications/mm pop)	3.6	6.9	8.1	0.8	78
1.5 Health					
0 Life expectancy (yrs)	73.3	74.5	75.8	73.6	64
5 Infant mortality (deaths/1,000)	8.8	10.1	4.9	14.5	24

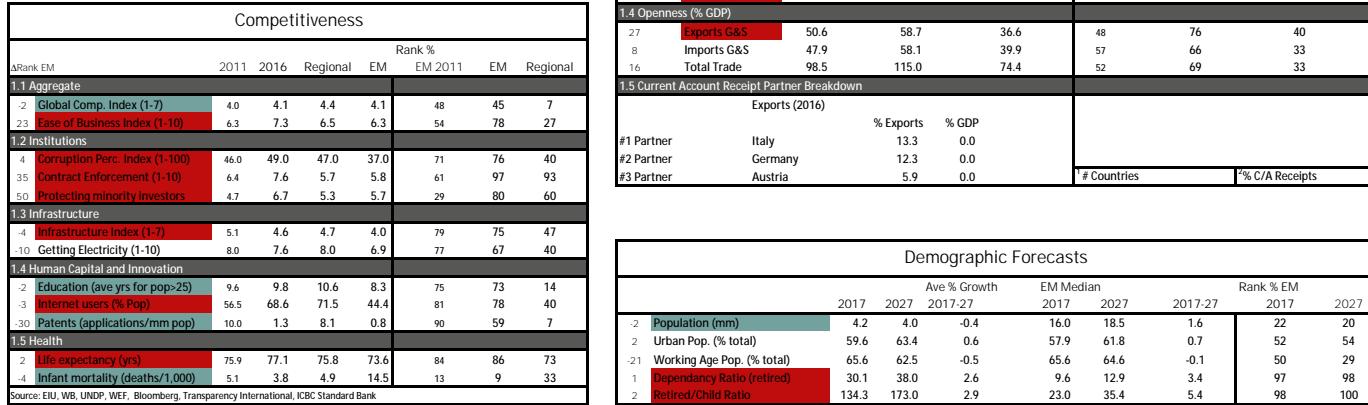
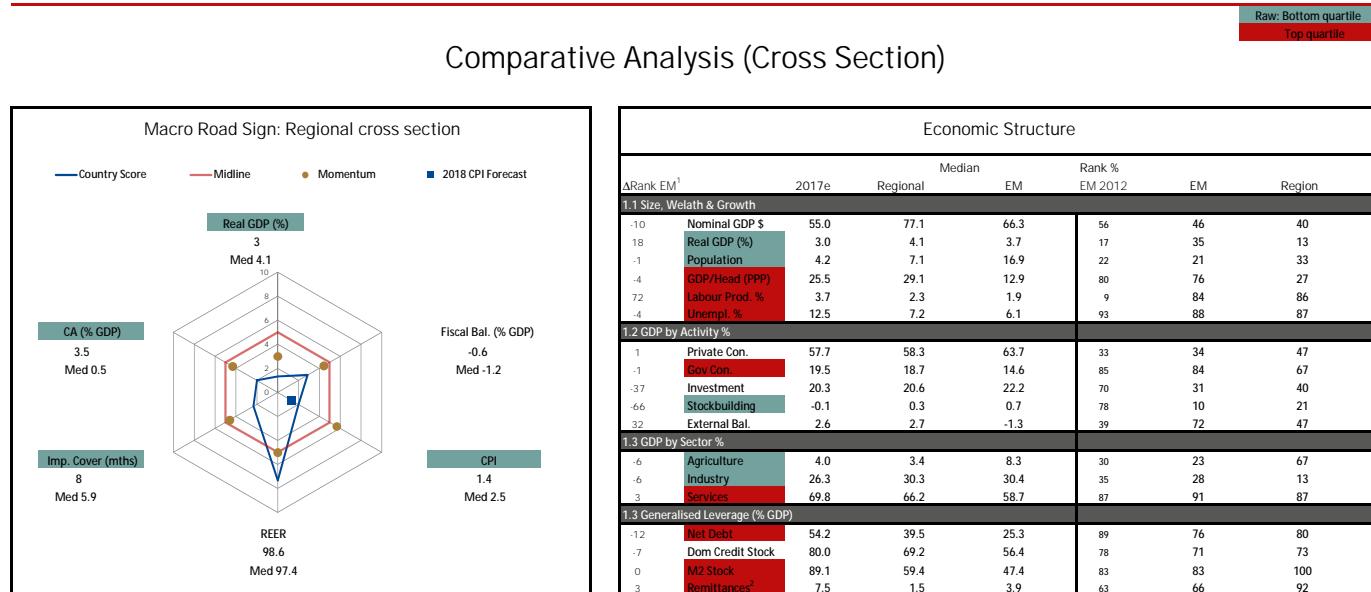
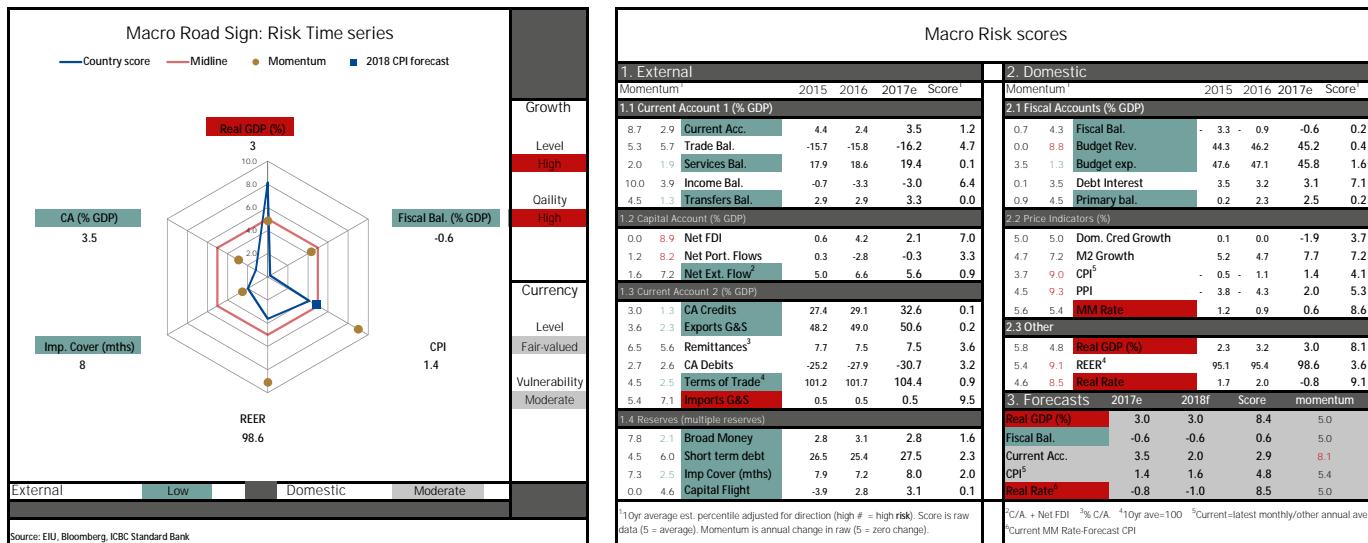
Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Demographic Forecasts

	Ave % Growth	EM Median	Rank % EM					
	2017	2027	2017-27	2017	2027			
-6 Population (mm)	7.1	6.5	-0.8	16.0	18.5	1.6	33	27
-3 Urban Pop. (% total)	74.6	77.5	0.4	57.9	61.8	0.7	77	73
-13 Working Age Pop. (% total)	65.0	62.8	-0.3	65.6	64.6	-0.1	46	32
-5 Dependency Ratio (retired)	32.0	36.7	1.5	9.6	12.9	3.4	100	95
-5 Retired/Child Ratio	146.1	163.0	1.2	23.0	35.4	5.4	100	95

Croatia

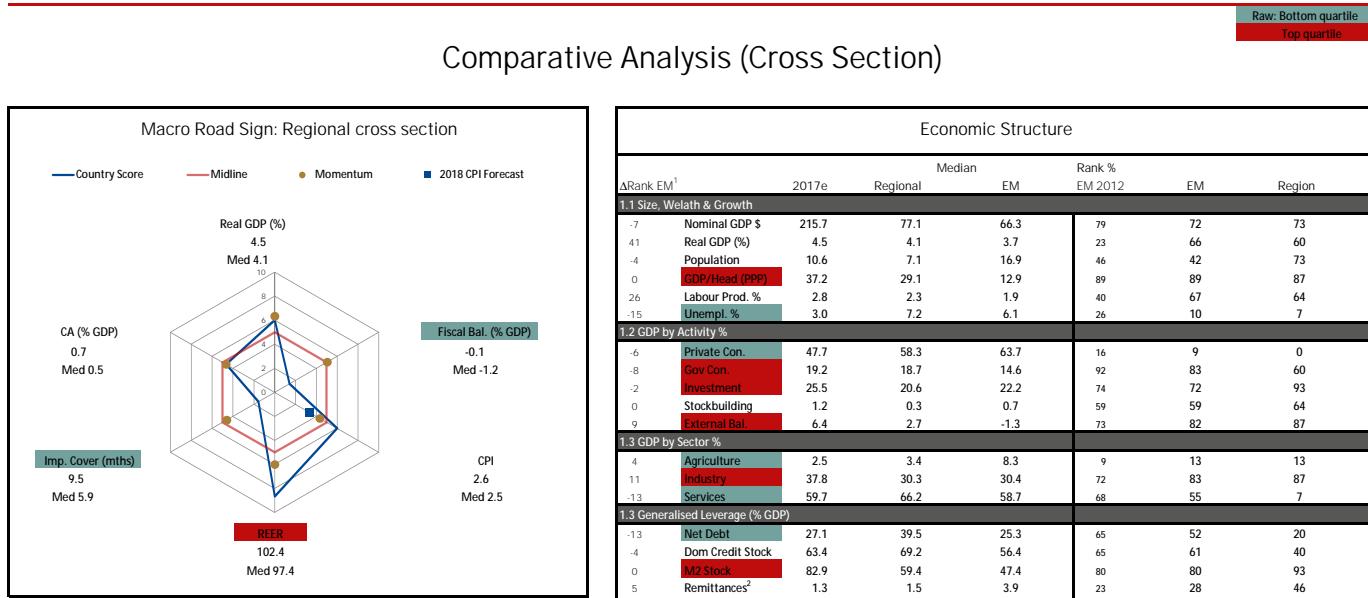
Risk Analysis (Time Series)



Czech Rep

Risk Analysis (Time Series)

Macro Road Sign: Risk Time series				Macro Risk scores																																																
<p>Legend: Country score (blue line), Midline (red line), Momentum (orange dots), 2018 CPI forecast (dark blue square).</p>				<table border="1"> <thead> <tr> <th colspan="4">1. External</th> </tr> </thead> <tbody> <tr> <td>Momentum¹</td><td>2015</td><td>2016</td><td>2017e</td><td>Score¹</td></tr> <tr> <td>2.7</td><td>6.4</td><td>Current Acc.</td><td>0.2</td><td>1.1</td><td>0.7</td><td>1.0</td></tr> <tr> <td>1.0</td><td>8.3</td><td>Trade Bal.</td><td>4.1</td><td>5.3</td><td>4.4</td><td>1.7</td></tr> <tr> <td>0.4</td><td>5.3</td><td>Services Bal.</td><td>1.7</td><td>2.1</td><td>2.1</td><td>2.2</td></tr> <tr> <td>5.6</td><td>2.8</td><td>Income Bal.</td><td>-5.5</td><td>-5.7</td><td>-5.1</td><td>2.0</td></tr> <tr> <td>100</td><td>5.4</td><td>Transfers Bal.</td><td>0.0</td><td>-0.6</td><td>-0.6</td><td>8.7</td></tr> </tbody> </table>				1. External				Momentum ¹	2015	2016	2017e	Score ¹	2.7	6.4	Current Acc.	0.2	1.1	0.7	1.0	1.0	8.3	Trade Bal.	4.1	5.3	4.4	1.7	0.4	5.3	Services Bal.	1.7	2.1	2.1	2.2	5.6	2.8	Income Bal.	-5.5	-5.7	-5.1	2.0	100	5.4	Transfers Bal.	0.0	-0.6	-0.6	8.7	
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<small>¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).</small>				<small>²C/A + Net FDI ³% C/A. ⁴10yr ave=100 ⁵Current-latest monthly/other annual ave. ⁶Current MM Rate-Forecast CPI</small>																																																



Competitiveness

Mark EM	2011	2016	Regional	Rank %			
				EM	2011	EM	Regional
1.1 Aggregate							
4 Global Comp. Index (1-7)	4.6	4.7	4.4	4.1	83	88	80
8 Ease of Business Index (1-10)	7.0	7.7	6.5	6.3	80	89	67
1.2 Institutions							
6 Corruption Perf. Index (1-100)	49.0	55.0	47.0	37.0	76	82	53
23 Contract Enforcement (1-10)	6.8	6.0	5.7	5.8	84	60	27
23 Protecting minority investors	5.0	6.0	5.3	5.7	36	60	20
1.3 Infrastructure							
1 Infrastructure Index (1-7)	5.1	4.9	4.7	4.0	83	84	73
27 Getting Electricity (1-10)	7.5	9.0	8.0	6.9	66	95	93
1.4 Human Capital and Innovation							
0 Education (ave yrs for pop>25)	12.8	12.3	10.6	8.3	100	100	100
1 Internet users (% Pop)	64.4	79.7	71.5	44.4	90	91	80
1 Patents (applications/mm pop)	18.4	19.4	8.1	0.8	93	94	73
1.5 Health							
1 Life expectancy (yrs)	77.2	78.3	75.8	73.6	90	91	80
3 Infant mortality (deaths/1,000)	3.1	2.9	4.9	14.5	9	6	20

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

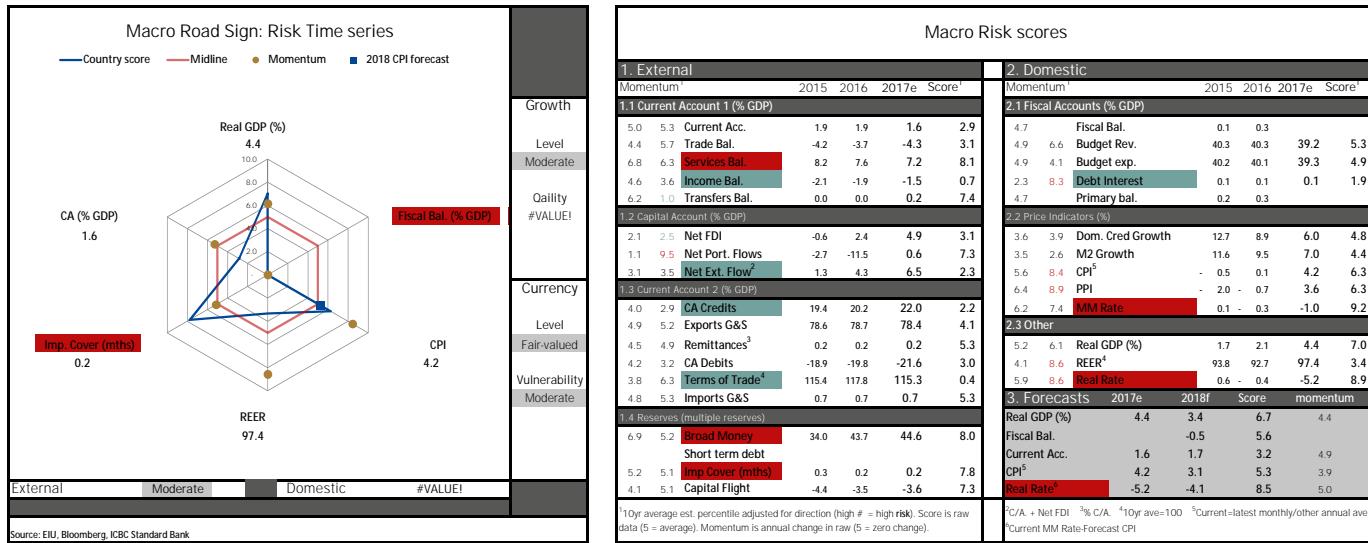
Demographic Forecasts

	2017	2027	2017-27	Ave % Growth	EM Median	Rank % EM		
				2017	2027	2017-27	2017	
-4 Population (mm)	10.6	10.5	0.0	16.0	18.5	1.6	43	38
-2 Urban Pop. (% total)	73.0	73.8	0.1	57.9	61.8	0.7	71	69
-15 Working Age Pop. (% total)	65.6	63.2	-0.4	65.6	64.6	-0.1	51	35
-4 Dependency Ratio (retired)	29.0	34.7	2.0	9.6	12.9	3.4	96	91
-2 Retired/Child Ratio	123.8	148.2	2.0	23.0	35.4	5.4	93	90

Estonia

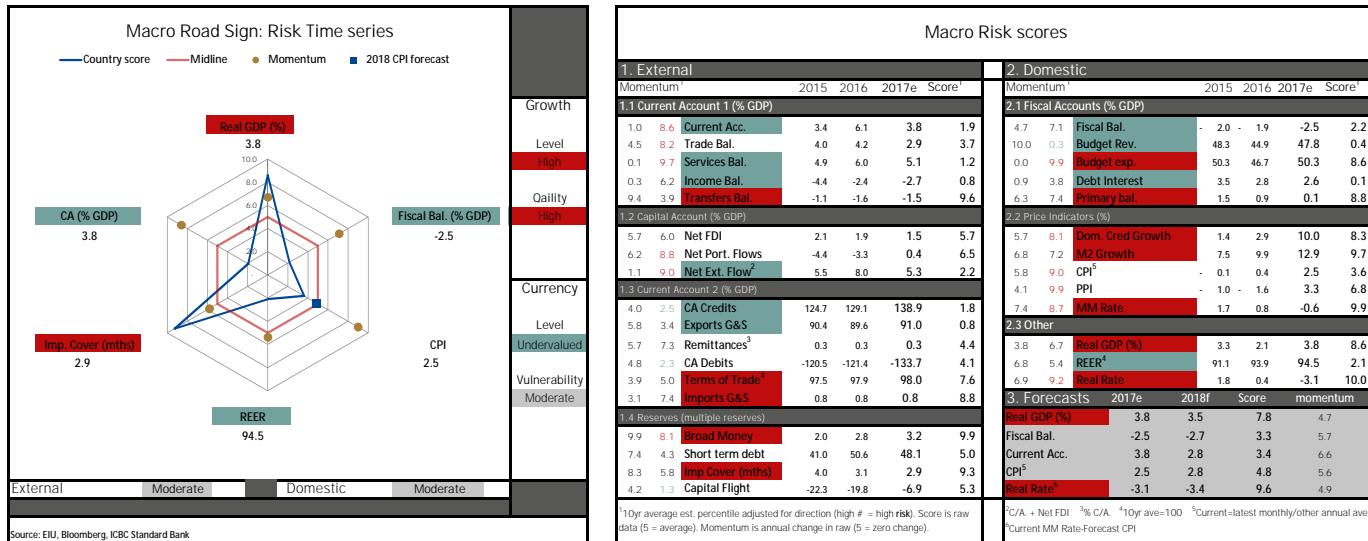
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



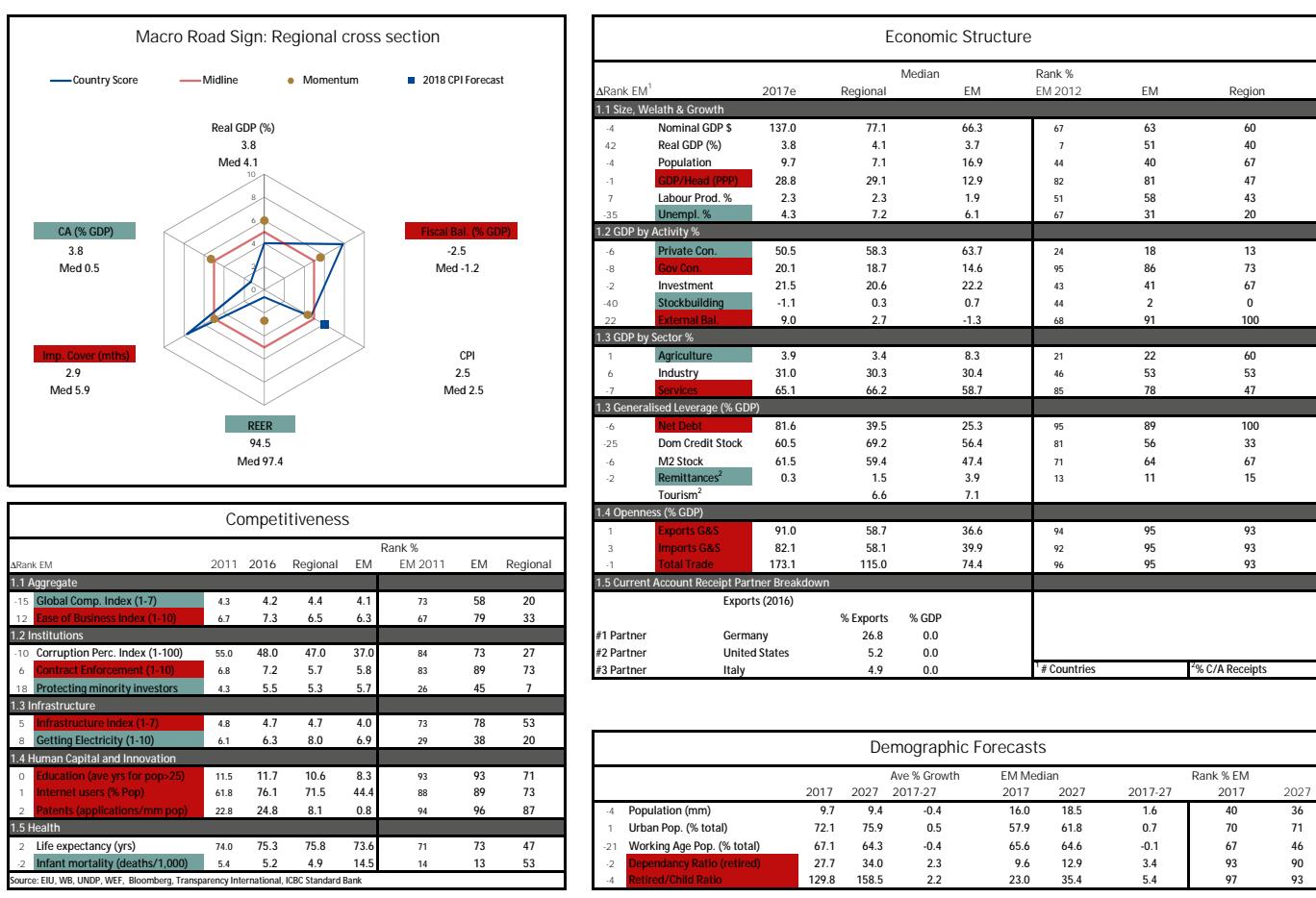
Hungary

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)



Iceland

Risk Analysis (Time Series)

Macro Road Sign: Risk Time series				Macro Risk scores																																					
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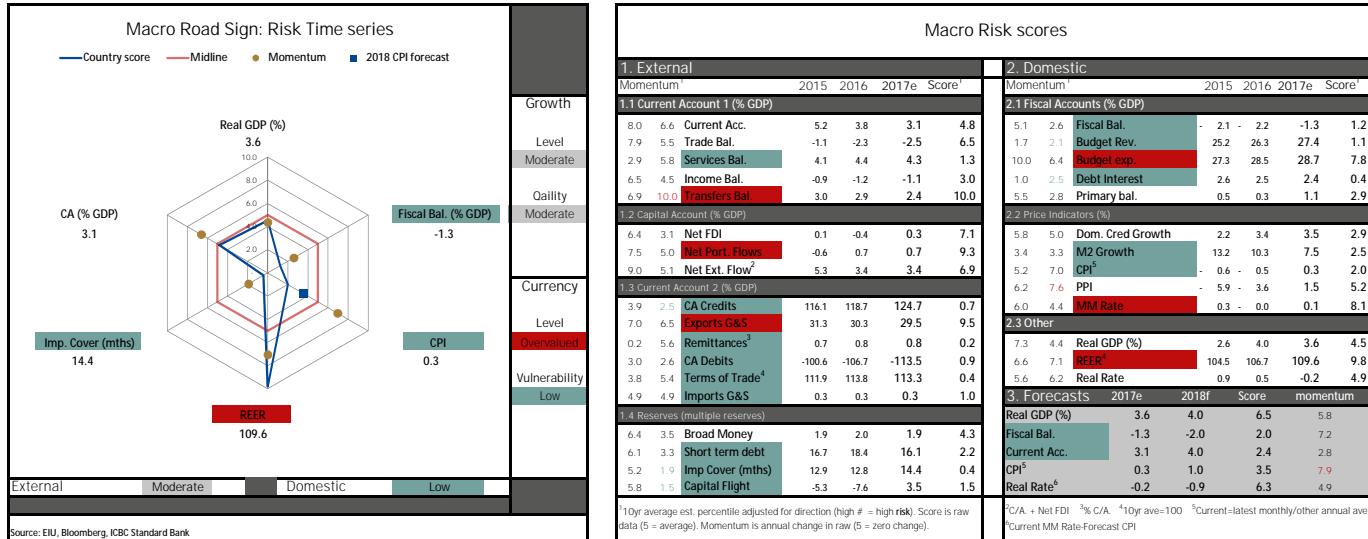
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Top quartile

Comparative Analysis (Cross Section)

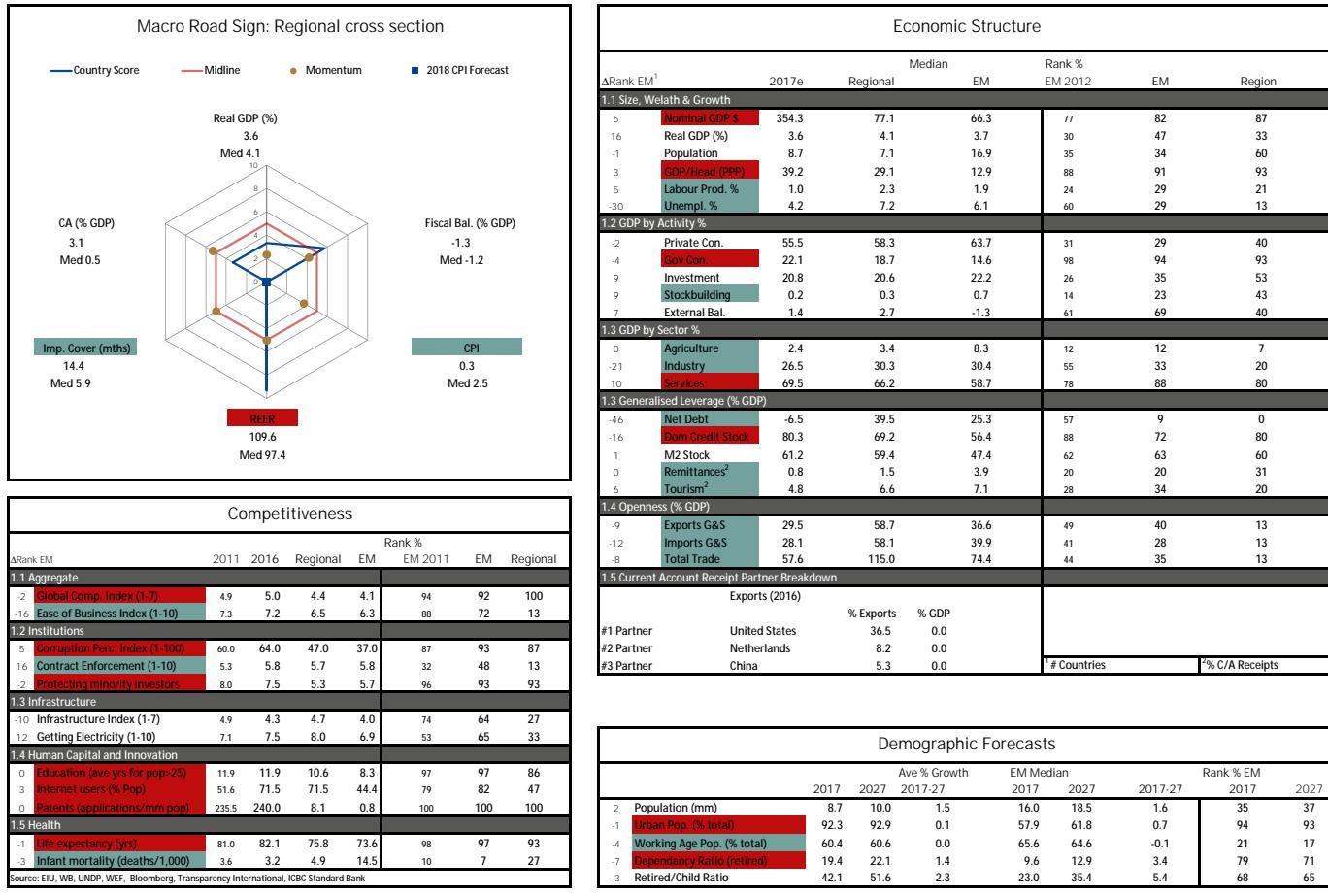
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Israel

Risk Analysis (Time Series)

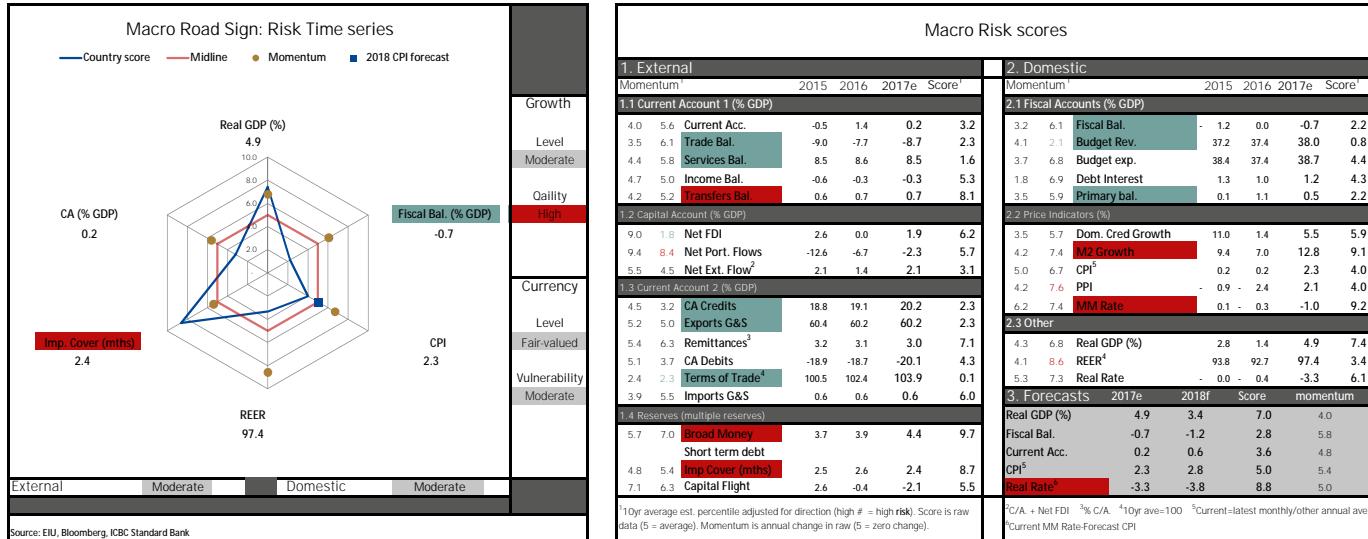


Comparative Analysis (Cross Section)



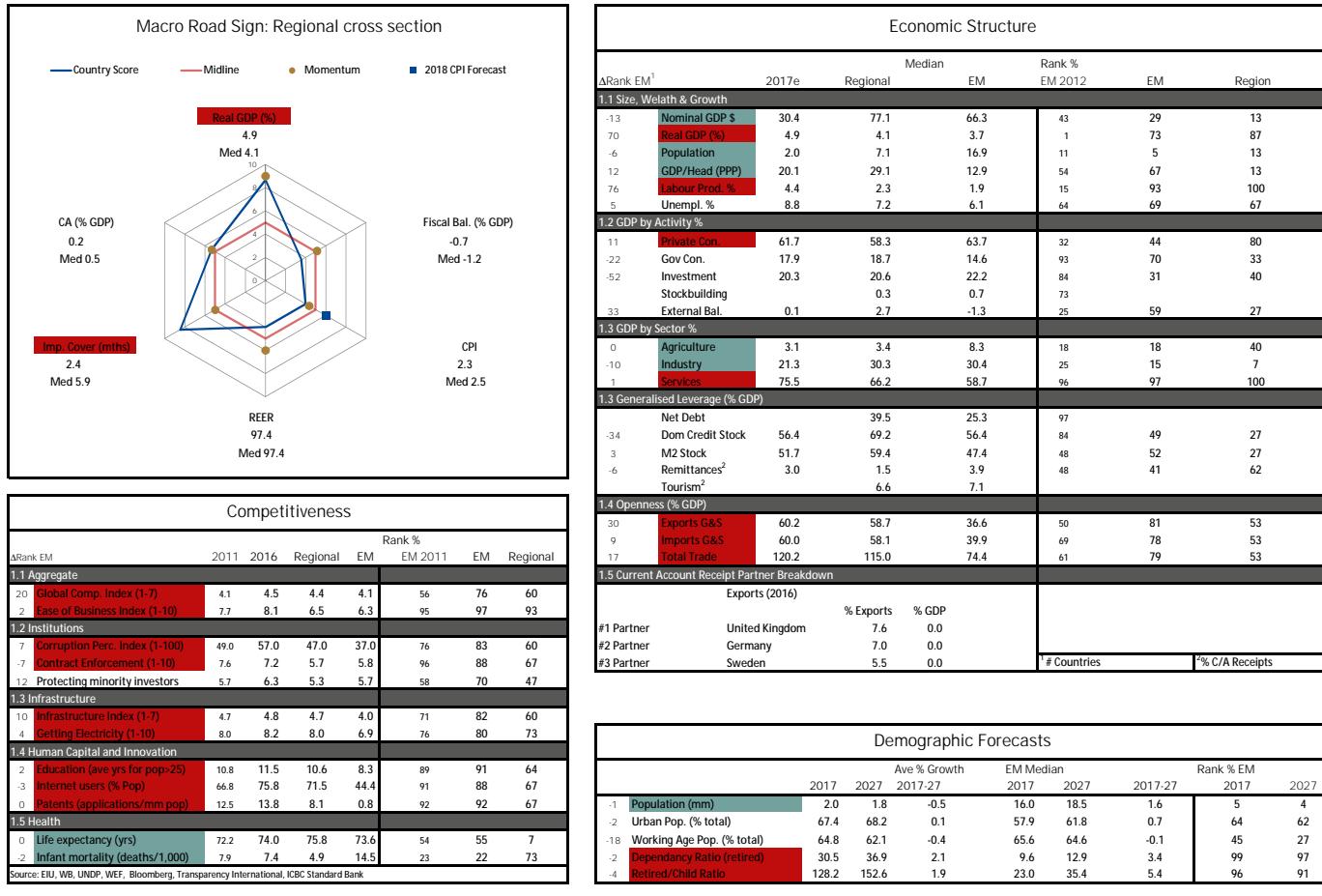
Latvia

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

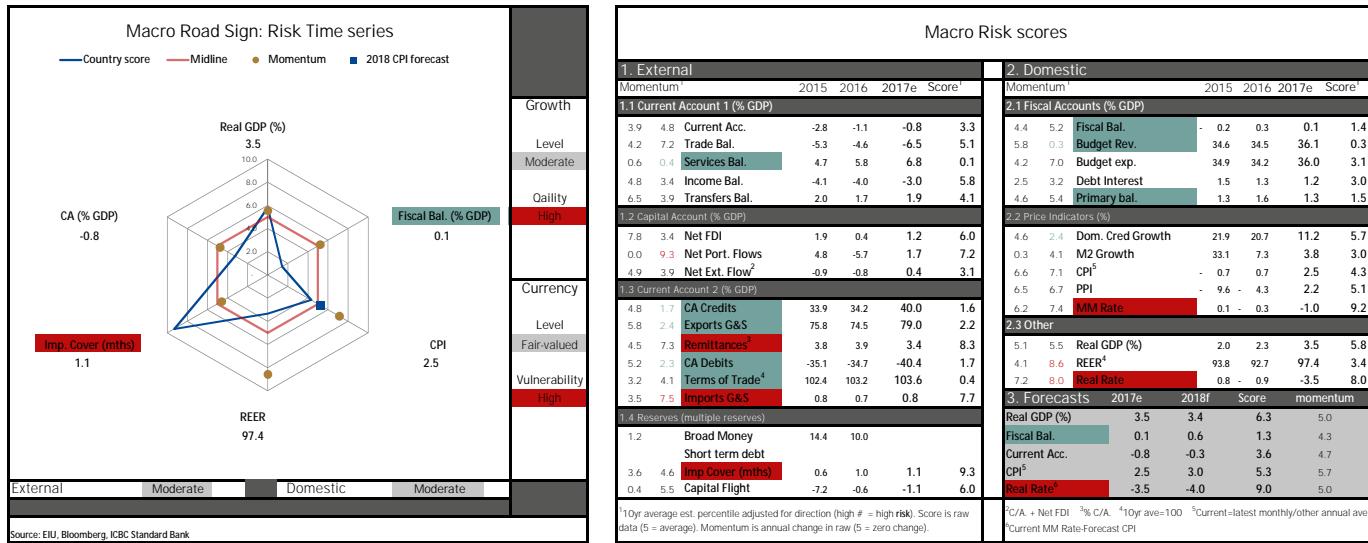
Comparative Analysis (Cross Section)



Lithuania

Risk Analysis (Time Series)

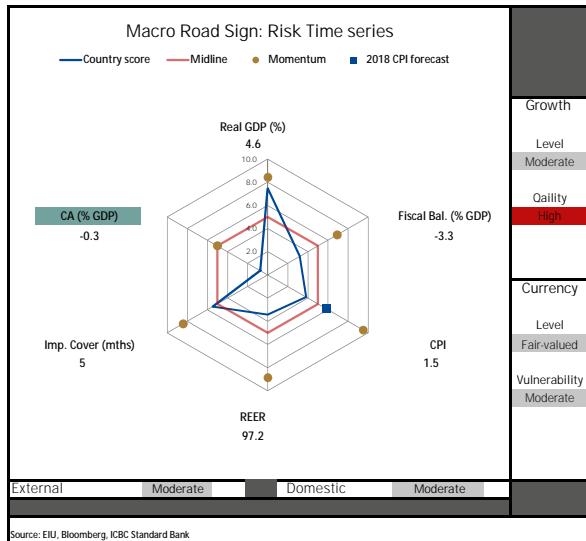
10yr History: Bottom quartile / low risk
Top quartile / high risk



Poland

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

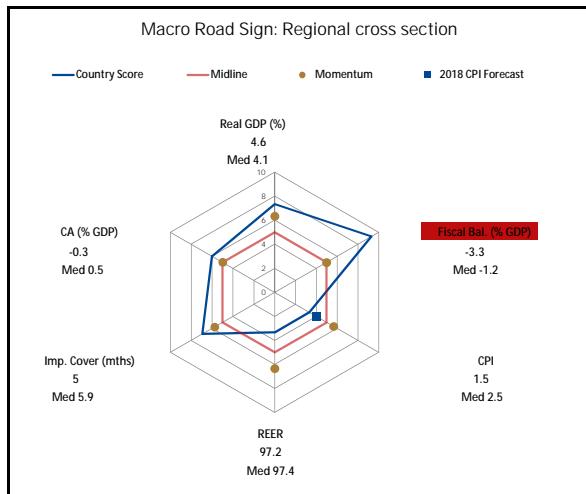


Macro Risk scores

1. External		2. Domestic							
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹				
4.3	5.0	Current Acc.	-0.6	-0.3	-0.3	0.7			
4.6	6.5	Trade Bal.	0.5	0.7	0.1	1.5			
0.4	4.1	Services Bal.	2.5	3.3	3.4	0.1			
8.1	2.6	Income Bal.	-3.4	-4.0	-3.6	8.3			
6.9	4.6	Transfers Bal.	-0.2	-0.3	-0.3	9.0			
1.2 Capital Account (% GDP)						2.1	1.2	1.5	7.3
8.0	4.0	Net FDI	2.1	1.2	1.5	7.3			
8.8	5.8	Net Port. Flows	-2.4	-0.3	0.1	5.1			
6.6	4.3	Net Ext. Flow ²	1.6	0.9	1.2	0.8			
1.3 Current Account 2 (% GDP)						255.1	265.0	303.9	0.2
3.7	0.8	CA Credits	49.5	52.3	57.2	0.0			
0.1	0.0	Exports G&S	1.6	1.8	1.7	8.6			
2.6	6.0	Remittances ³	-257.8	-266.4	-305.6	0.3			
4.1	1.3	CA Debts	102.1	103.1	103.6	0.4			
3.0	4.1	Terms of Trade ⁴	0.5	0.5	0.5	10.0			
7.8	9.7	Imports G&S	3.2	2.8	3.3	6.8			
1.4 Reserves (multiple reserves)						51.2	42.0	44.2	1.6
2.9	7.6	Broad Money	5.1	6.0	5.0	5.5			
2.4	5.8	Short term debt	47.9	42.2	44.7	6.4			
1.8	8.4	Imp Cover (mths)	3.2	2.1	-18.9	0.0			
0.9	6.7	Capital Flight	77.9	72.7	61.1	40.0			
1.5 Current Account Receipts						92.5	89.9	97.2	3.4
2.9	8.4	Real GDP %	3.2	2.1	-0.6	8.9			
3.5	8.9	REER ⁴	2.3	1.4	0.9	9.8			
1.6 Price Indicators (%)						2.1	0.1	1.9	5.4
4.8	5.6	Dom. Cre. Growth	7.7	6.9	9.3	4.0			
5.0	5.8	M2 Growth	9.6	9.7	10.7	5.5			
5.7	9.5	CPI ⁵	-0.9	-0.7	1.5	3.8			
7.6	7.4	PPI	2.1	-0.1	1.9	5.4			
7.8	6.7	MM Rate	2.3	1.4	0.9	9.8			
1.7 Other						2.1	0.1	1.9	5.4
2.9	8.4	Real GDP %	3.8	2.9	4.6	7.4			
3.5	8.9	REER ⁴	92.5	89.9	97.2	3.4			
7.6	9.5	Real Rate	3.2	2.1	-0.6	8.9			
1.8 Forecasts						2.1	0.1	1.9	5.4
Real GDP	4.6	2017e	3.4	5.2	2.3				
Fiscal Bal.	-3.3	2018f	3.5	5.7					
Current Acc.	-0.3	Score	1.7	6.2					
CPI ⁵	1.5	momentum	5.8	7.4					
Real Rate ⁶	-0.6	momentum	9.0	5.0					

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI - % C/A. *10yr ave=100. ³Current-latest monthly/other annual ave.
⁴Current MM Rate-Forecast CPI.

Comparative Analysis (Cross Section)



Economic Structure

1.1 Size, Wealth & Growth		Median		Rank %	
ARank EM ¹	2017e	Regional	EM	EM 2012	EM
3	Nominal GDP \$	516.0	77.1	66.3	92
23	Real GDP (%)	4.6	4.1	3.7	45
-2	Population	38.3	7.1	16.9	74
5	GDP/Head (PPP)	29.5	29.1	12.9	78
42	Labour Prod. %	3.4	2.3	1.9	38
-29	Unempl. %	6.9	7.2	6.1	81
1.2 GDP by Activity %					
-6	Private Con.	59.0	58.3	63.7	46
-13	Gov Con.	18.2	18.7	14.6	86
-24	Investment	17.5	20.6	22.2	42
10	Stockbuilding	0.8	0.3	0.7	45
30	External Bal.	4.5	2.7	-1.3	46
1.3 GDP by Sector %					
1	Agriculture	2.6	3.4	8.3	15
32	Industry	40.8	30.3	30.4	57
-8	Services	63.8	66.2	58.7	80
1.3 Generalised Leverage (% GDP)					
0	Net Debt	48.4	39.5	25.3	72
1	Dom Credit Stock	79.1	69.2	56.4	68
5	M2 Stock	71.6	59.4	47.4	69
-18	Remittances ²	1.7	1.5	3.9	52
	Tourism ²	6.6	7.1		34
1.4 Openness (% GDP)					
32	Exports G&S	57.2	58.7	36.6	47
17	Imports G&S	52.5	58.1	39.9	52
28	Total Trade	109.7	115.0	74.4	47
1.5 Current Account Receipt Partner Breakdown					
	Exports (2016)	% Exports	% GDP		
#1 Partner	Germany	27.4	0.0		
#2 Partner	Czech Republic	6.9	0.0		
#3 Partner	United Kingdom	6.2	0.0	# Countries	% C/A Receipts

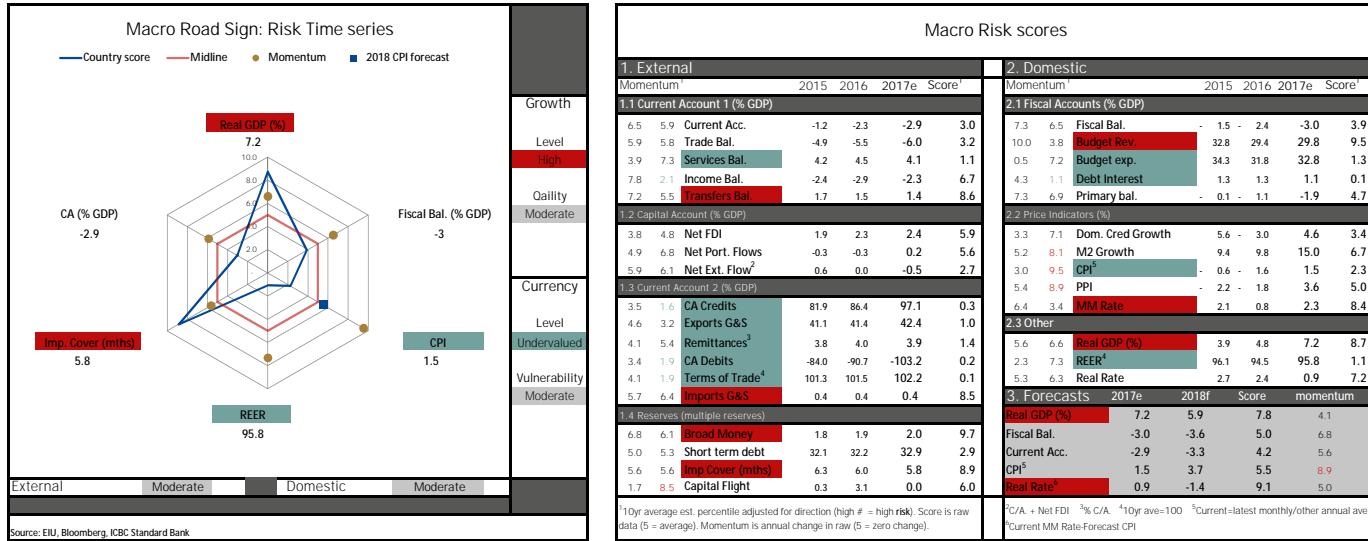
Demographic Forecasts

		Ave % Growth	EM Median	Rank % EM	
		2017	2027	2017-27	2017
-4	Population (mm)	38.3	37.0	-0.2	71
-4	Urban Pop. (% total)	60.5	61.8	0.2	54
-30	Working Age Pop. (% total)	68.4	64.3	-0.6	45
-4	Dependency Ratio (retired)	24.5	34.8	4.2	89
8	Retired/Child Ratio	113.1	167.5	4.8	98

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

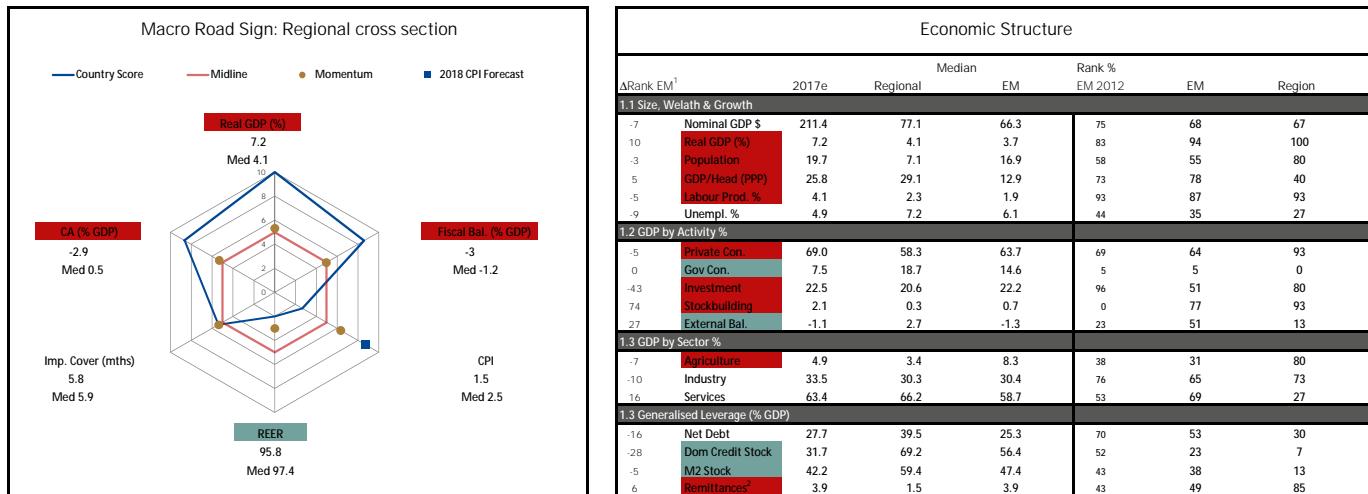
Romania

Risk Analysis (Time Series)



Macro Risk scores				
1. External				
Momentum ¹	2015	2016	2017e	Score ¹
1.1 Current Account 1 (% GDP)				
6.5	5.9	Current Acc.	-1.2	-2.3
5.9	5.8	Trade Bal.	-4.9	-5.5
3.9	7.3	Services Bal.	4.2	4.5
7.8	2.1	Income Bal.	-2.4	-2.9
7.2	5.5	Transfers Bal.	1.7	1.5
1.2 Capital Account (% GDP)				
3.8	4.8	Net FDI	1.9	2.3
4.9	6.8	Net Port. Flows	-0.3	-0.3
5.9	6.1	Net Ext. Flow ²	0.6	0.0
1.3 Current Account 2 (% GDP)				
3.5	1.6	CA Credits	81.9	86.4
4.6	3.2	Exports G&S	41.1	41.4
4.1	5.4	Remittances ³	3.8	4.0
3.4	1.9	CA Debts	-84.0	-90.7
4.1	1.9	Terms of Trade ⁴	101.3	101.5
5.7	6.4	Imports G&S	0.4	0.4
1.4 Reserves (multiple reserves)				
6.8	6.1	Broad Money	1.8	1.9
5.0	5.3	Short term debt	32.1	32.2
5.6	5.6	Imp. Cover (mths)	6.3	6.0
1.7	8.5	Capital Flight	0.3	3.1
2. Domestic				
Momentum ¹	2015	2016	2017e	Score ¹
2.1 Fiscal Accounts (% GDP)				
7.3	6.5	Fiscal Bal.	-	1.5
10.0	3.8	Budget Rev.	32.8	29.4
0.5	7.2	Budget exp.	34.3	31.8
4.3	1.1	Debt Interest	1.3	1.3
7.3	6.9	Primary bal.	-	0.1
2.2 Price Indicators (%)				
3.3	7.1	Dom. Cred Growth	5.6	3.0
5.2	8.1	M2 Growth	9.4	9.8
3.0	9.5	CPI ⁵	-	1.6
5.4	8.9	PPI	-	1.8
6.4	3.4	MM Rate	2.1	0.8
2.3 Other				
5.6	6.8	Real GDP %	3.9	4.8
2.3	7.3	REER ⁴	96.1	94.5
5.3	6.3	Real Rate	2.7	2.4
3. Forecasts				
Real GDP (%)	2017e	2018f	Score	momentum
Fiscal Bal.	-	-3.0	-3.6	5.0
Current Acc.	-	-2.9	-3.3	4.2
CPI ⁵	-	1.5	3.7	5.5
Real Rate ⁶	-	0.9	-1.4	9.1
<small>¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).</small>				
<small>²C'A. + Net FDI ³% C/A. ⁴10yr ave=100 ⁵Current-latest monthly/other annual ave. ⁶Current MM Rate-Forecast CPI</small>				

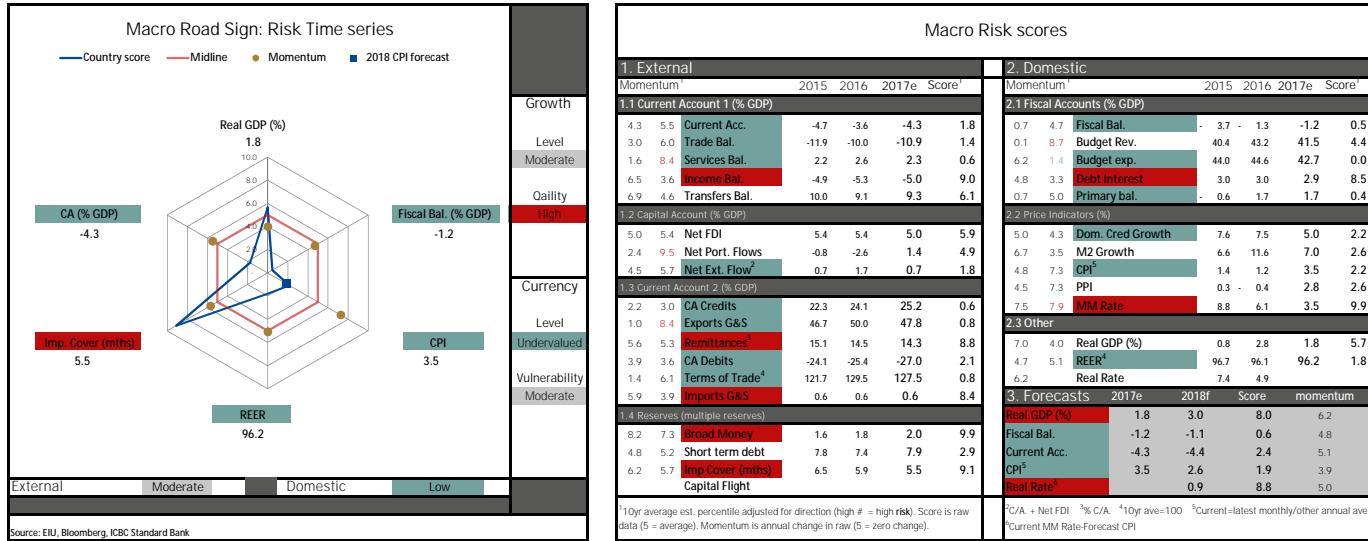
Comparative Analysis (Cross Section)



Competitiveness								
Rank EM	2011	2016	Regional	EM	2011	EM	Regional	Rank %
1.1 Aggregate								
9 Global Comp. Index (1-7)	4.2	4.3	4.4	4.1	59	68	40	
20 Ease of Business Index (1-10)	6.5	7.4	6.5	6.3	64	85	47	
1.2 Institutions								
6 Corruption Per. Index (1-100)	44.0	48.0	47.0	37.0	67	73	27	
15 Contract Enforcement (1-10)	6.6	7.2	5.7	5.8	75	90	80	
2 Protecting minority investors	5.7	6.0	5.3	5.7	58	60	20	
1.3 Infrastructure								
28 Infrastructure Index (1-7)	2.4	3.6	4.7	4.0	7	35	7	
12 Getting Electricity (1-10)	3.5	5.3	8.0	6.9	8	20	0	
1.4 Human Capital and Innovation								
6 Education (ave yrs for pop>25)	10.3	10.4	10.6	8.3	88	82	36	
2 Internet users (% Pop)	36.6	54.1	71.5	44.4	67	65	20	
1 Patents (applications/mm pop)	1.9	2.8	8.1	0.8	71	72	20	
1.5 Health								
2 Life expectancy (yrs)	73.4	74.5	75.8	73.6	66	64	20	
0 Infant mortality (deaths/1,000)	11.6	10.5	4.9	14.5	31	31	87	
Demographic Forecasts								
			Ave % Growth	EM Median			Rank % EM	
			2017	2027	2017-27	2027	2017	2027
-7 Population (mm)			19.7	18.5	-0.5	16.0	18.5	57
-1 Urban Pop. (% total)			54.9	57.6	0.5	57.9	61.8	40
-14 Working Age Pop. (% total)			66.9	64.6	-0.3	65.6	64.6	50
-4 Dependency Ratio (retired)			26.7	32.3	2.1	9.6	12.9	91
-2 Retired/Child Ratio			116.9	144.8	2.4	23.0	35.4	87
								88

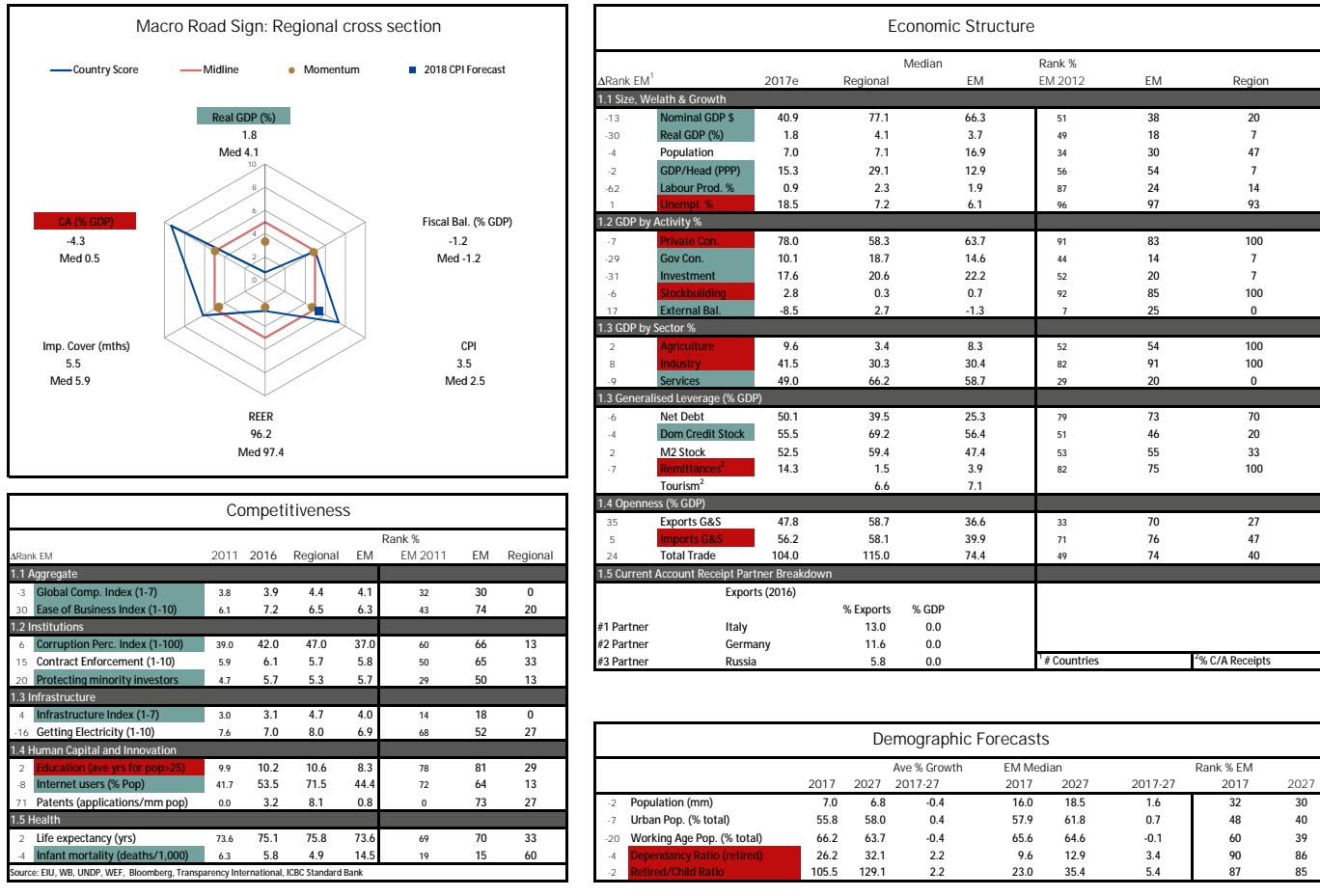
Serbia

Risk Analysis (Time Series)



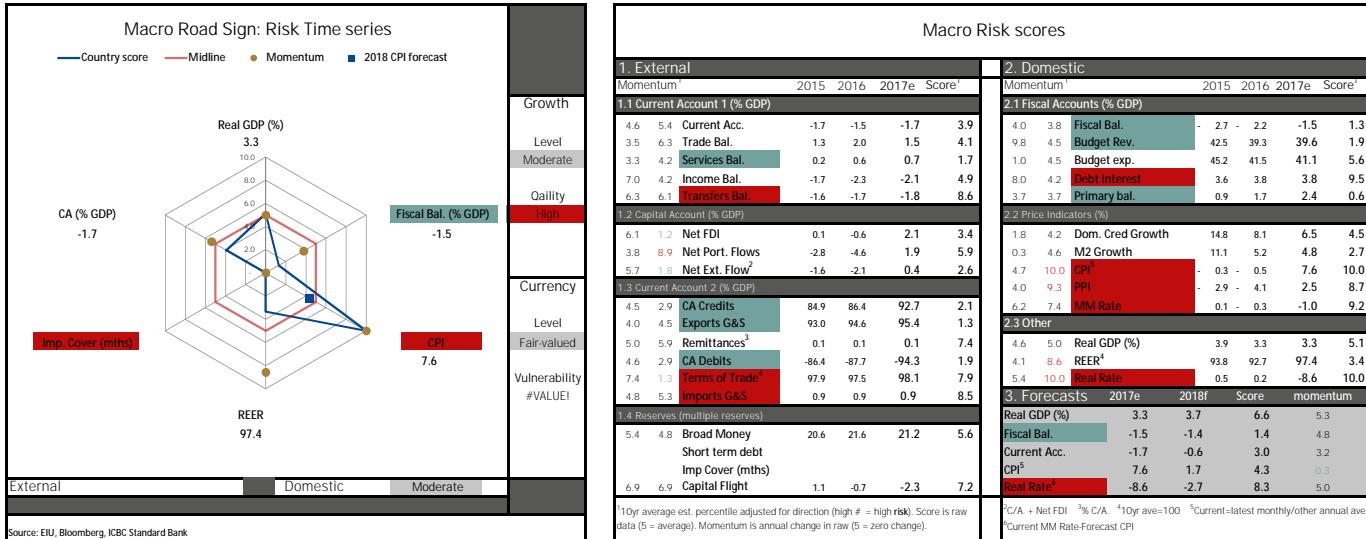
Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

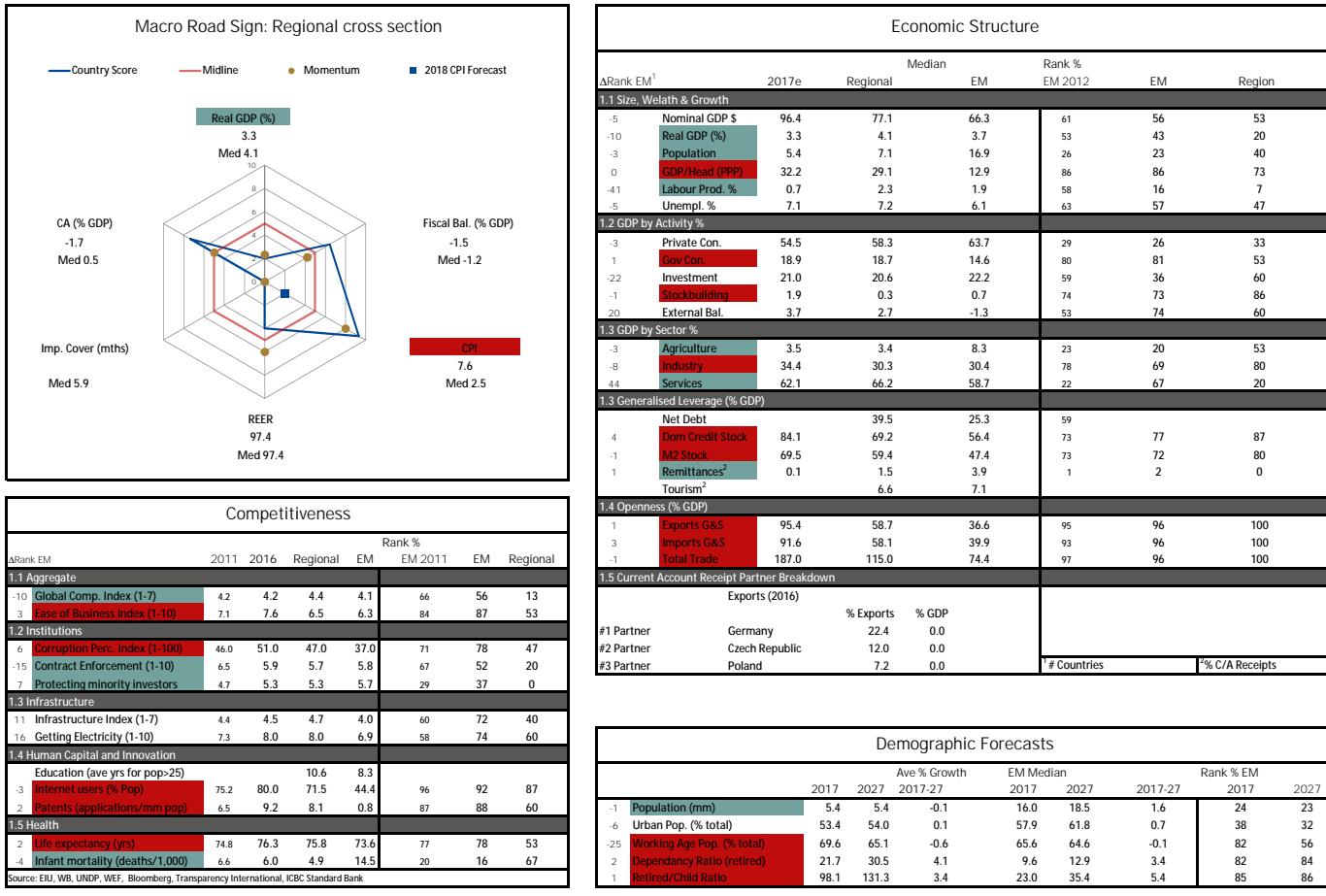


Slovakia

Risk Analysis (Time Series)



Comparative Analysis (Cross Section)



Slovenia

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

Macro Road Sign: Risk Time series				Macro Risk scores			
Country score	Midline	Momentum	2018 CPI forecast	Growth			
CA (% GDP)	5.6			Level	High		
Real GDP (%)	4.5			Quality	High		
Imp. Cover (mths)	2.0			Currency			
Fiscal Bal. (% GDP)	-0.6			Level			
REER	97.4			Fair-valued			
CPI	0.4			Vulnerability	#VALUE!		
External	Domestic	Moderate					
Source: EIU, Bloomberg, ICBC Standard Bank							

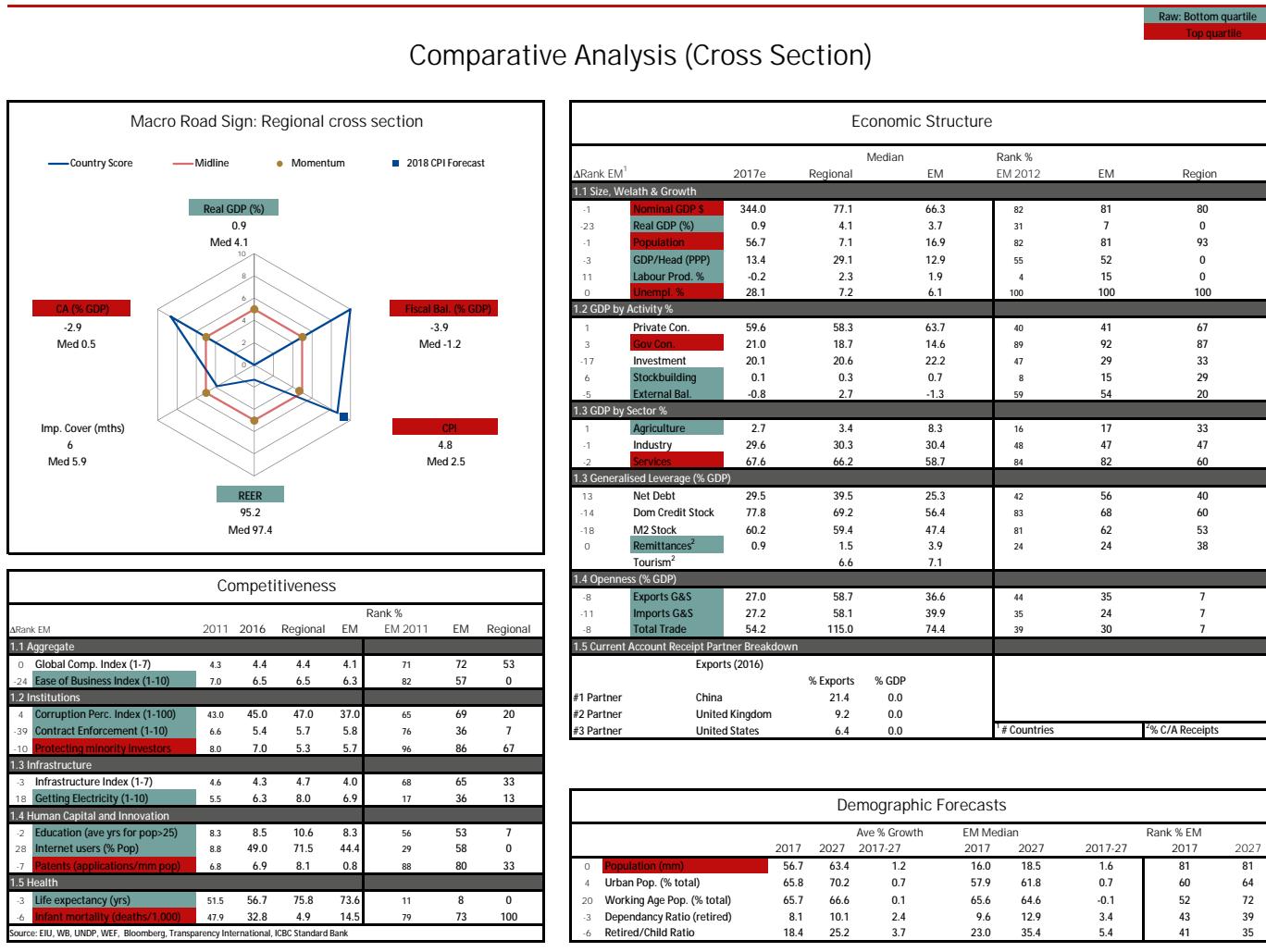
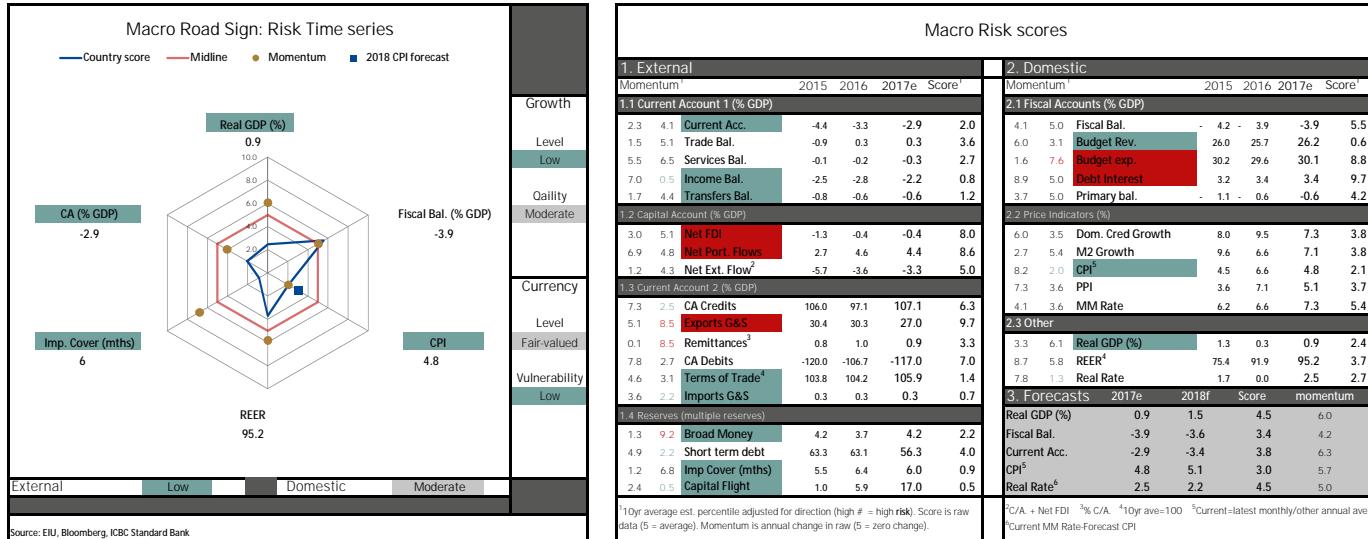
Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

Macro Road Sign: Regional cross section				Economic Structure			
Country Score	Midline	Momentum	2018 CPI Forecast	ARank EM ¹	2017e	Median	Rank %
CA (% GDP)	5.6	Med 0.5		1.1 Size, Wealth & Growth	Regional	EM	EM 2012
Real GDP (%)	4.5	Med 4.1		1.2 GDP by Activity %	EM	Region	
Imp. Cover (mths)	2.0	Med 5.9		1.3 GDP by Sector %			
Fiscal Bal. (% GDP)	-0.6	Med -1.2		1.4 Generalised Leverage (% GDP)			
CPI	0.4	Med 2.5		1.5 Current Account Receipt Partner Breakdown			
REER	97.4	Med 97.4		Exports (2016)	% Exports	% GDP	
Competitiveness				#1 Partner	Germany	20.7	0.0
Mark EM	2011	2016	Regional	#2 Partner	Italy	9.6	0.0
Rank %				#3 Partner	Austria	7.9	0.0
2011 2016 Regional EM				# Countries			
EM 2011 EM Regional				% C/A Receipts			
1.1 Aggregate							
-15 Global Comp. Index (1-7)	4.4	4.3	4.4	1. Population (mm)	2.1	2.1	0.0
8 Ease of Business Index (1-10)	6.9	7.6	6.5	2. Urban Pop. (% total)	49.6	50.9	0.3
2011 2016 Regional EM				3. Working Age Pop. (% total)	66.0	61.2	-0.7
EM 2011 EM Regional				4. Dependency Ratio (retired)	28.9	39.6	3.7
2017 2027 2017-27				5. Retired/Child Ratio	127.4	166.5	3.1
Ave % Growth				2017 2027 2017-27			
EM Median				2017 2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
1.2 Institutions				2017			
-1 Corruption Perce. Index (1-100)	61.0	61.0	47.0	2027			
4 Contract Enforcement (1-10)	5.2	5.3	5.7	2017-27			
2 Protecting minority investors	7.3	7.5	5.3	2017			
1.3 Infrastructure				2017			
-1 Infrastructure Index (1-7)	5.3	4.9	4.7	2027			
5 Getting Electricity (1-10)	8.6	8.9	8.0	2017-27			
1.4 Human Capital and Innovation				2017			
-1 Education (ave yrs for pop>25)	11.6	11.7	10.6	2027			
6 Internet users (% Pop)	64.3	71.6	71.5	2017			
1 Patents (applications/mm pop)	66.5	62.3	8.1	2017-27			
1.5 Health				2017			
0 Life expectancy (yrs)	79.0	80.3	75.8	2027			
-4 Infant mortality (deaths/1,000)	2.9	2.3	4.9	2017			
2017 2027 2017-27				2017			
Ave % Growth				2027			
EM Median				2017			
Rank % EM				2017			
2017 2027 2017-27				2027			
1. Population (mm)				2017			
2. Urban Pop. (% total)				2027			
3. Working Age Pop. (% total)				2017			
4. Dependency Ratio (retired)				2027			
5. Retired/Child Ratio				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
1. Population (mm)				2017			
2. Urban Pop. (% total)				2027			
3. Working Age Pop. (% total)				2017			
4. Dependency Ratio (retired)				2027			
5. Retired/Child Ratio				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			
Ave % Growth				2017			
EM Median				2027			
Rank % EM				2017			
2017 2027 2017-27				2027			

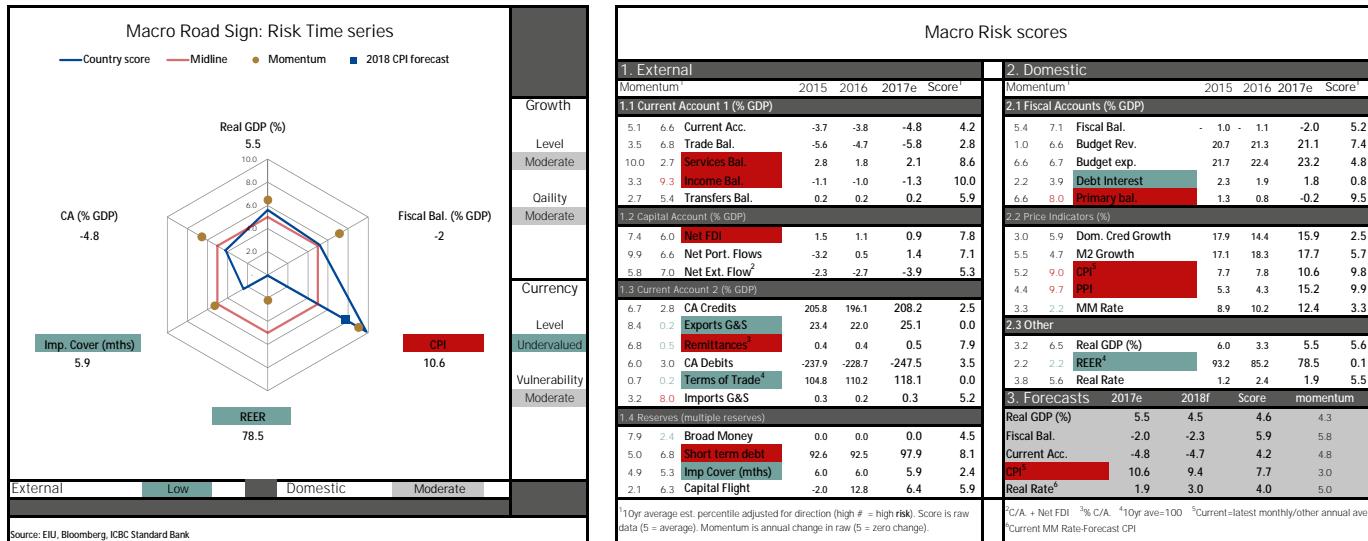
South Africa

Risk Analysis (Time Series)

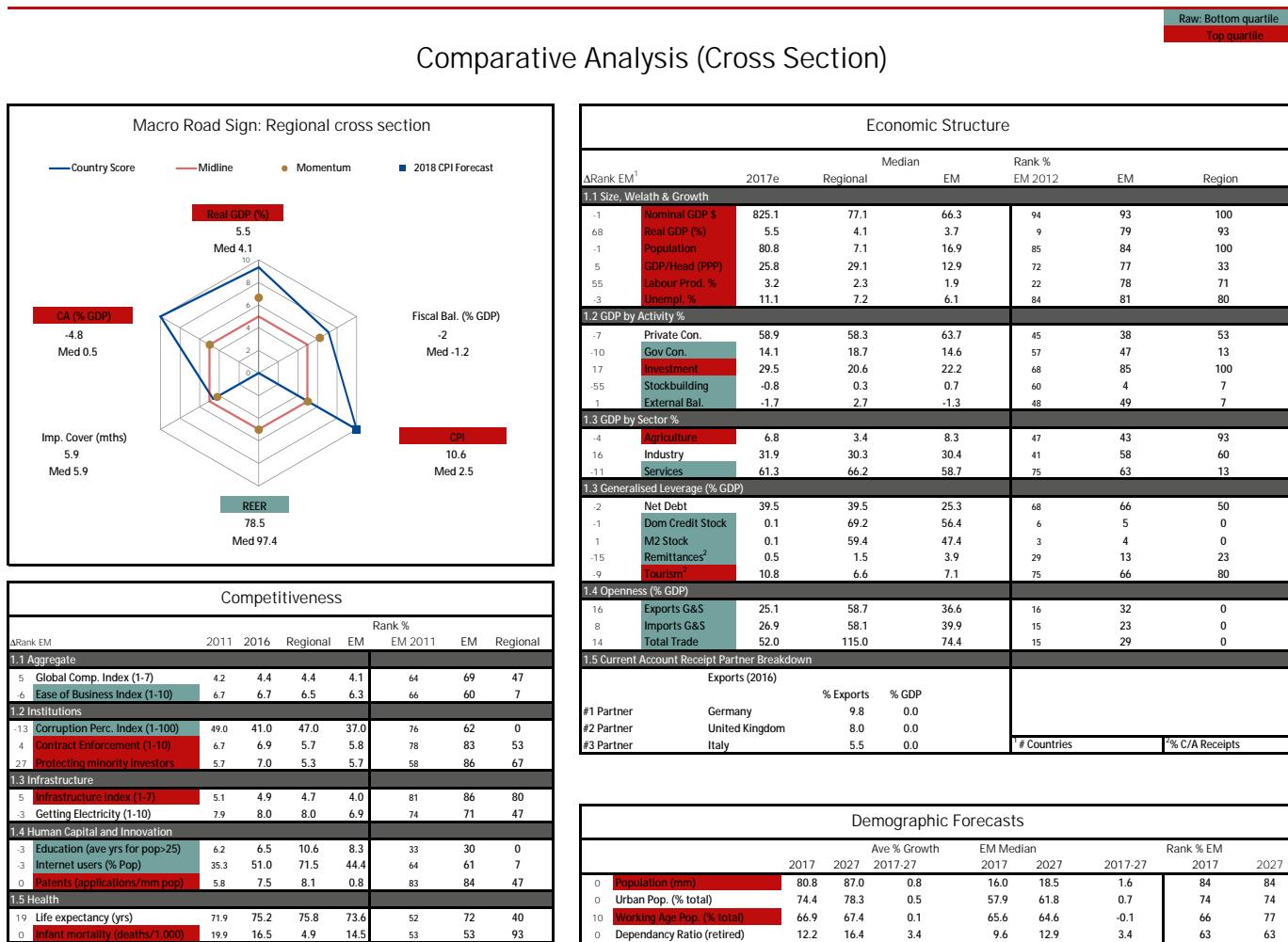


Turkey

Risk Analysis (Time Series)

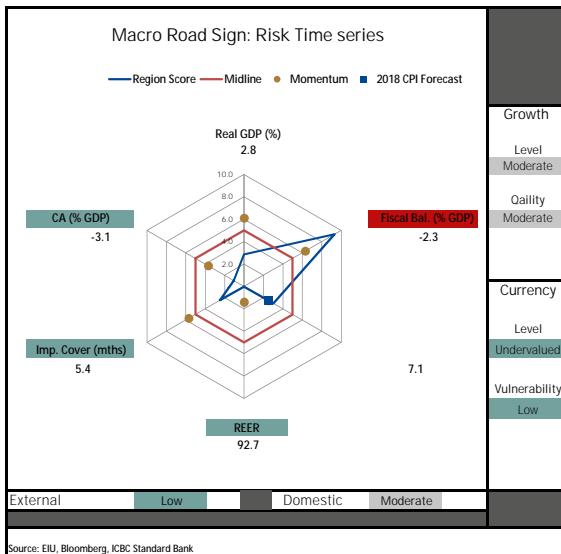


10yr History: Bottom quartile / low risk
Top quartile / high risk



CIS

Risk Analysis (Time Series)

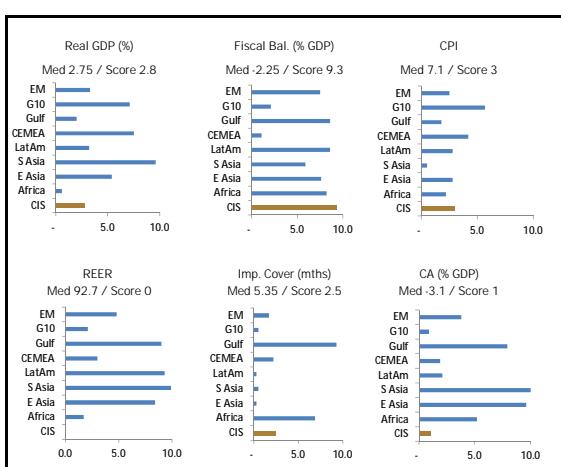


Macro Risk scores

1. External		2. Domestic			
Momentum ¹		2015	2016	2017e	Score ²
1.1 Current Account 1 (% GDP)					
5.1	6.1	Current Acc.	-3.0	-3.9	-3.1 1.0
6.2	6.3	Trade Bal.	-3.9	-4.4	-4.5 7.3
4.6	2.5	Services Bal.	-2.7	-1.9	-2.3 7.3
0.0	1.4	Income Bal.	-1.8	-1.9	-2.3 9.6
2.2	5.7	Transfers Bal.	3.2	3.0	3.9 1.8
1.2 Capital Account (% GDP)					
4.3	5.8	Net FDI	3.3	3.5	3.3 7.9
5.9	0.1	Net Port. Flows	-0.1	0.0	-0.6 0.0
4.1	6.6	Net Ext. Flow ³	-0.6	0.1	-0.9 3.6
1.3 Current Account 2 (% GDP)					
6.8	4.3	CA Credits	15.1	14.0	14.4 2.9
8.5	0.6	Exports G&S	37.5	34.2	38.3 8.3
3.0	10.0	Remittances ⁴	10.5	11.3	6.5 9.2
6.8	4.9	CA Debits	-16.9	-16.1	-16.2 3.2
5.3	0.4	Terms of Trade ⁴	97.9	97.3	110.6 0.5
8.0	8.5	Imports G&S	0.4	0.4	0.5 6.2
1.4 Reserves (multiple reserves)					
3.0	1.0	Broad Money	1.3	1.2	1.0 0.0
3.7	6.1	Short term debt	30.3	27.1	29.4 1.3
2.2	5.7	Imp Cover (mths)	4.8	5.5	5.4 2.5
5.6	7.2	Capital Flight	0.0	-0.1	-0.7 5.6
2.1 Price Indicators (%)					
5.1	6.3	Fiscal Bal.	-	1.4	-1.8 -2.3 9.3
6.1	4.2	Budget Rev.	29.3	28.8	29.2 2.7
6.6	5.4	Budget exp.	31.5	32.4	32.6 8.9
10.0	8.1	Debt Interest	0.7	0.9	1.0 10.0
5.5	4.2	Primary bal.	-	1.2	-1.5 -1.1 6.4
2.2 Other					
3.3	4.7	Dom. Cred Growth	17.7	11.3	10.3 1.8
9.9	3.1	M2 Growth	4.0	24.0	18.3 4.1
4.6	2.5	CPI ⁵	9.8	9.5	7.1 3.0
4.7	6.1	PPI	7.5	6.4	10.5 5.6
0.1	10.0	MM Rate	9.0	14.0	7.0 8.2
3. Forecasts					
Real GDP (%)	2.8	2017e	3.1	3.9	5.3
Fiscal Bal.	-2.3	2018f	-1.4	6.3	2.3
Current Acc.	-3.1	Score	2.8	2.8	2.8
CPI	7.1	momentum	4.4	4.4	4.4
Capital Flight	5.6		3.5	7.4	6.7

¹10yr average est. percentile adjusted for direction (high # = high pressure). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change). ²Current=latest monthly/other annual ave. ³Current MM Rate=Forecast CPI

Comparative Analysis (Cross Section)



Economic Structure

ARank ¹	CIS	EM*	Africa	E Asia	S Asia	LatAm	CEMEA	Gulf	G10	Median		Rank # of 8	
										2012	2017	2012	2017
1.1 Size, Wealth & Growth													
0 Nominal GDP \$	41.1	66.3	32.3	309.7	246.6	75.2	77.1	211.4	1031.1	7	7		
0 Real GDP %	2.8	3.7	3.8	5.5	6.7	2.6	4.1	2.0	2.3	5	5		
0 Population	9.1	16.9	24.3	41.3	164.7	13.9	7.1	9.4	17.2	7	7		
0 GDP/Head (PPP)	9.8	12.9	3.9	15.0	5.5	13.7	29.1	54.3	51.2	6	6		
2 Labour Prod. %	2.0	1.9	0.9	2.7	4.2	1.1	2.3	0.3	0.8	2	4		
-1 Unempl. %	5.6	6.1	11.1	3.5	5.3	7.6	7.2	4.9	4.3	5	4		
1.2 GDP by Activity %													
1 Private Con.	61.1	63.7	72.0	54.0	67.9	67.3	58.3	44.1	54.9	3	4		
0 Gov Con.	17.1	14.6	14.9	12.3	11.7	13.6	18.7	16.2	19.2	3	3		
-2 Investment	24.0	22.2	21.0	25.3	27.5	20.7	20.6	23.8	23.2	5	3		
1 Stockbuilding	1.7	0.7	0.6	0.6	3.1	0.5	0.3	2.9	0.1	2	3		
1 External Bal.	0.1	-1.3	-8.5	1.5	-6.5	-4.1	2.7	7.5	2.4	6	5		
1.3 GDP by Sector %													
-1 Agriculture	11.4	8.3	18.0	9.6	16.7	7.1	3.4	0.9	1.1	4	3		
0 Industry	32.3	30.4	26.2	35.8	28.7	28.1	30.3	45.1	26.0	3	3		
0 Services	54.4	58.7	54.3	53.2	56.3	62.2	66.2	52.3	71.5	5	5		
1.3 Generalised Leverage (% GDP)													
0 Net Debt	66.2	25.3	24.9	18.2	12.9	24.5	39.5	27.7	76.7	2	2		
0 Dom Credit Stock	35.5	56.4	28.0	136.4	62.2	50.0	69.2	85.6	160.6	7	7		
0 M2 Stock	28.8	47.4	40.4	129.7	55.8	41.8	59.4	84.1	96.9	8	8		
1 Remittances ²	6.5	3.9	4.0	1.9	25.3	4.1	1.5	2.6	2	3			
0 Tourism ²	22.3	7.1	7.7	8.7	0.2	5.1	6.6	3.0	1	1			
1.4 Openness (% GDP)													
0 Exports G&S	38.3	36.6	29.5	65.8	15.5	24.5	58.7	46.4	33.7	4	4		
0 Imports G&S	48.3	39.9	35.1	54.4	21.1	29.2	58.1	43.5	32.9	3	3		
0 Total Trade	85.2	74.4	63.8	123.1	39.4	56.1	115.0	85.9	66.6	4	4		

Demographic Forecasts

	Ave % Growth			EM* Median		Rank # of 8	
	2017	2027	2017-27	2017	2027	2017-27	2017
0 Population (nm)	9.2	9.9	0.7	16.0	18.5	1.6	6
0 Urban Pop. (% total)	53.6	55.8	0.4	57.9	61.8	0.7	6
2 Working Age Pop. (% total)	67.8	64.2	-0.5	65.6	64.6	-0.1	3
0 Dependency Ratio (retired)	12.8	18.9	4.8	9.6	12.9	3.4	3
0 Retired/Child Ratio	41.0	67.8	6.5	23.0	35.4	5.4	3

*EM median is the median of all EM countries and not the median of all regional medians

% C/A Receipts

Competitiveness

Aggregate

Institutions

Infrastructure

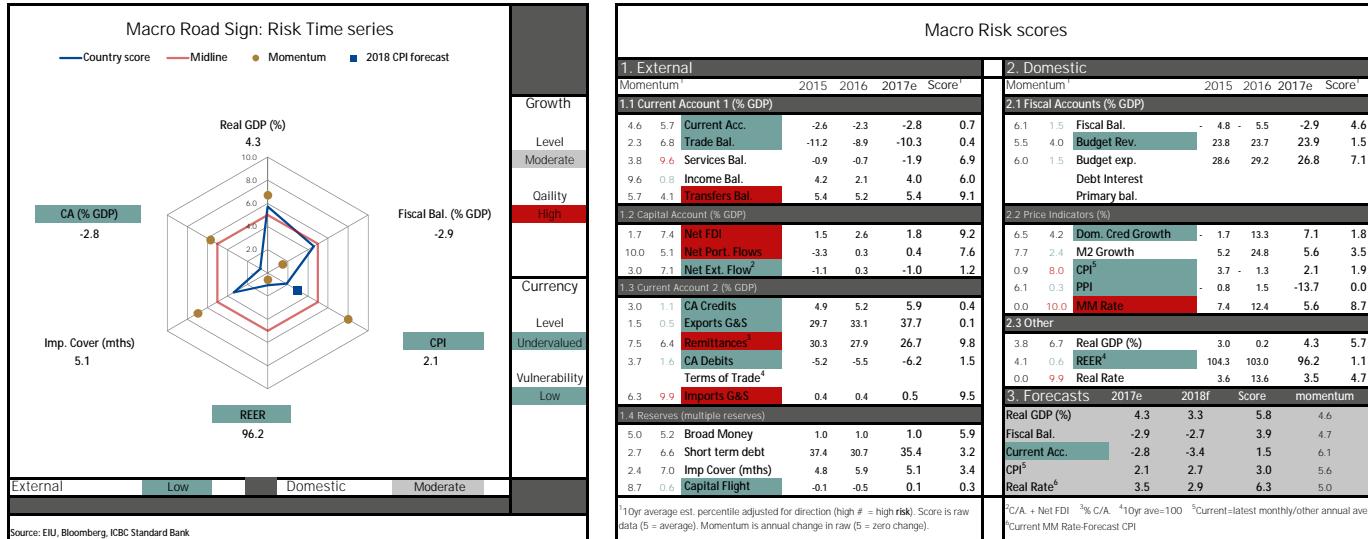
Human Capital and Innovation

Health

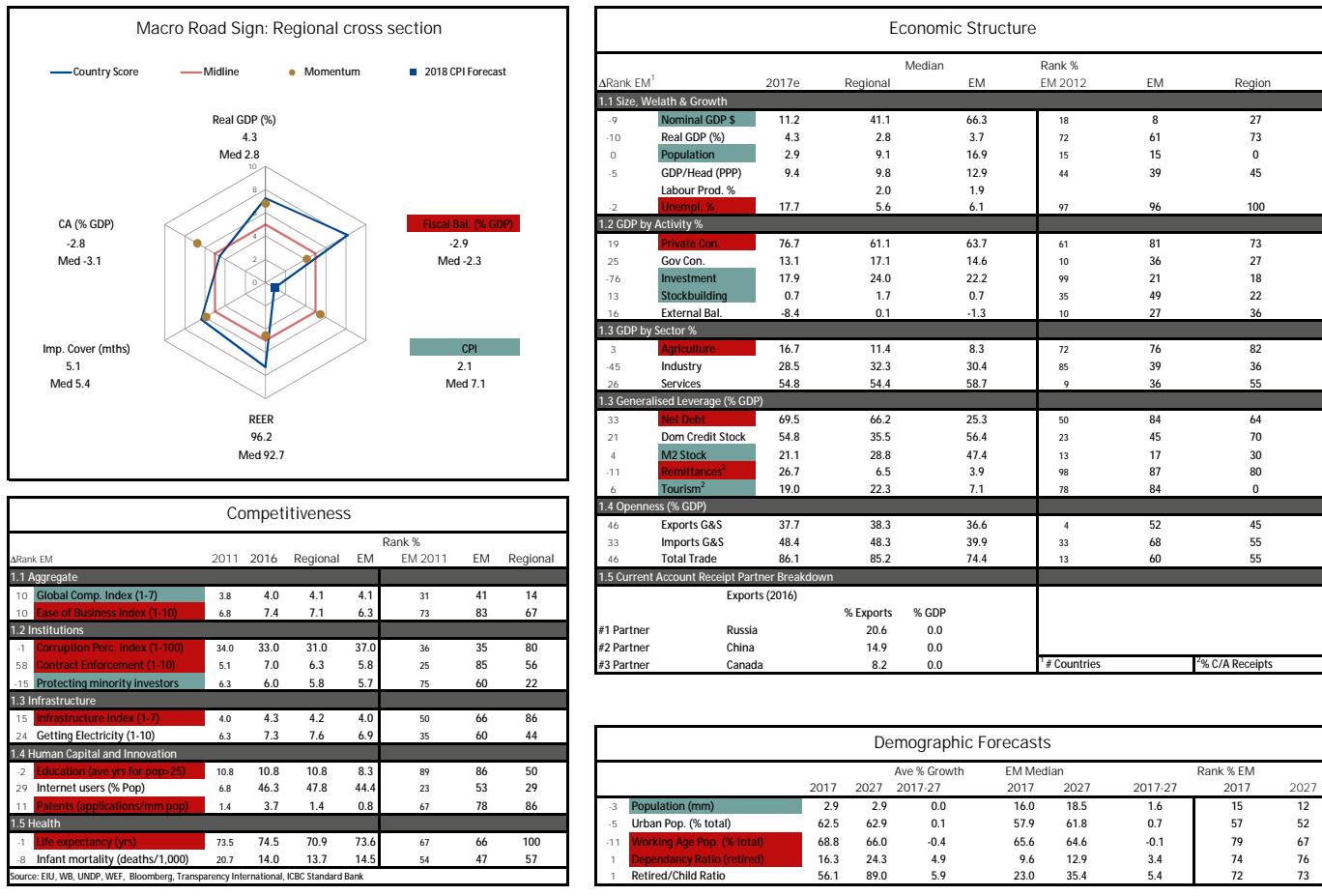
Source: EU, WB, UNDP, WEF, Transparency International, ICBC Standard Bank

Armenia

Risk Analysis (Time Series)

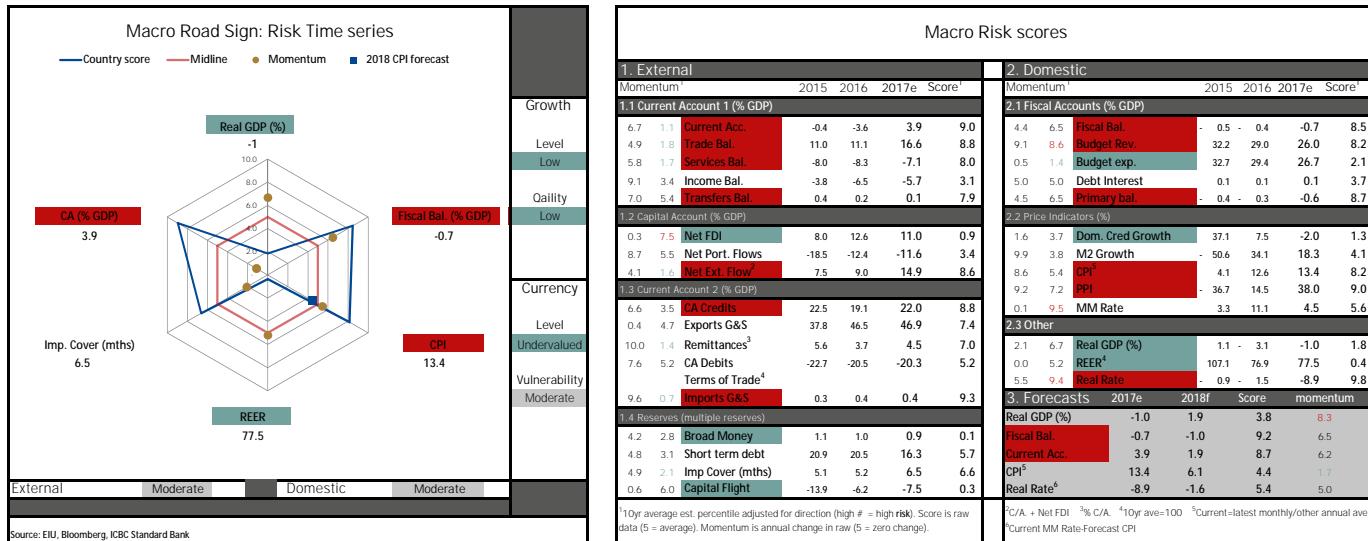


Comparative Analysis (Cross Section)



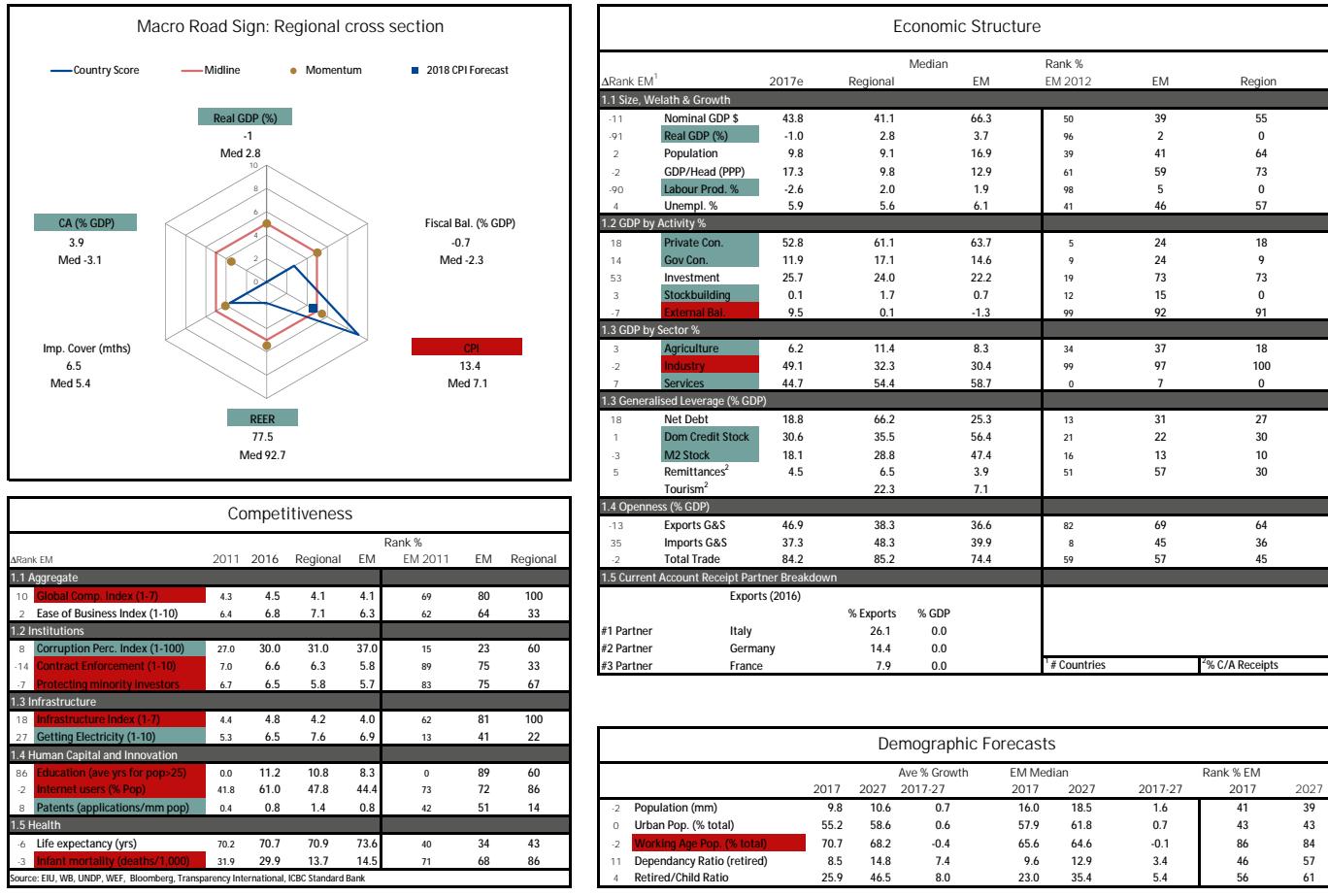
Azerbaijan

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

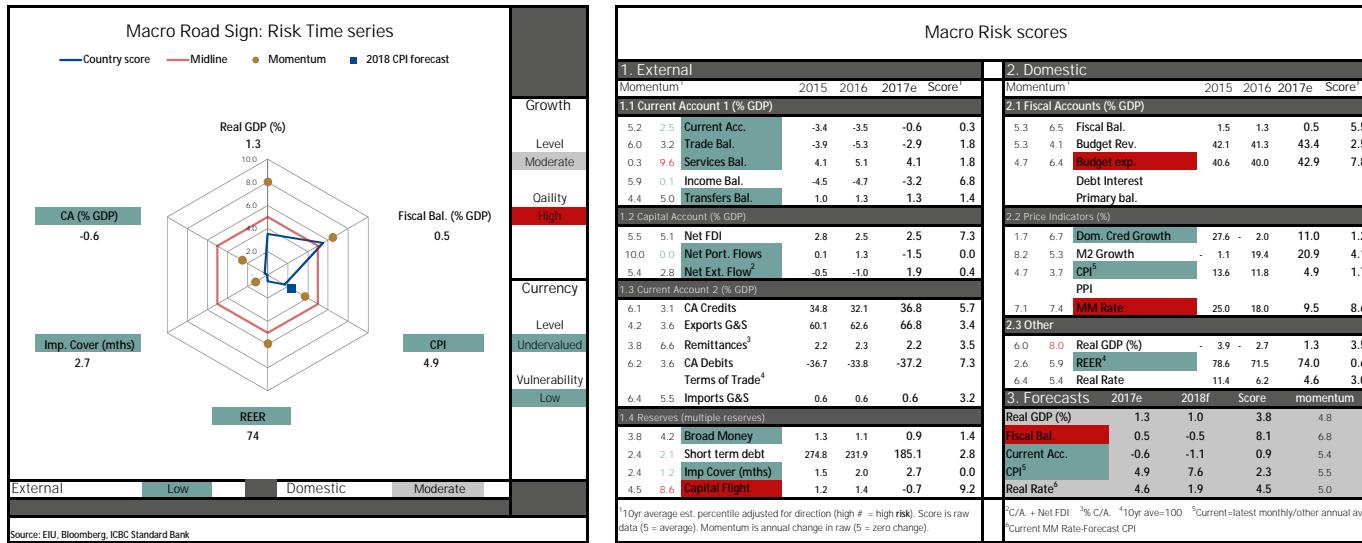
Comparative Analysis (Cross Section)



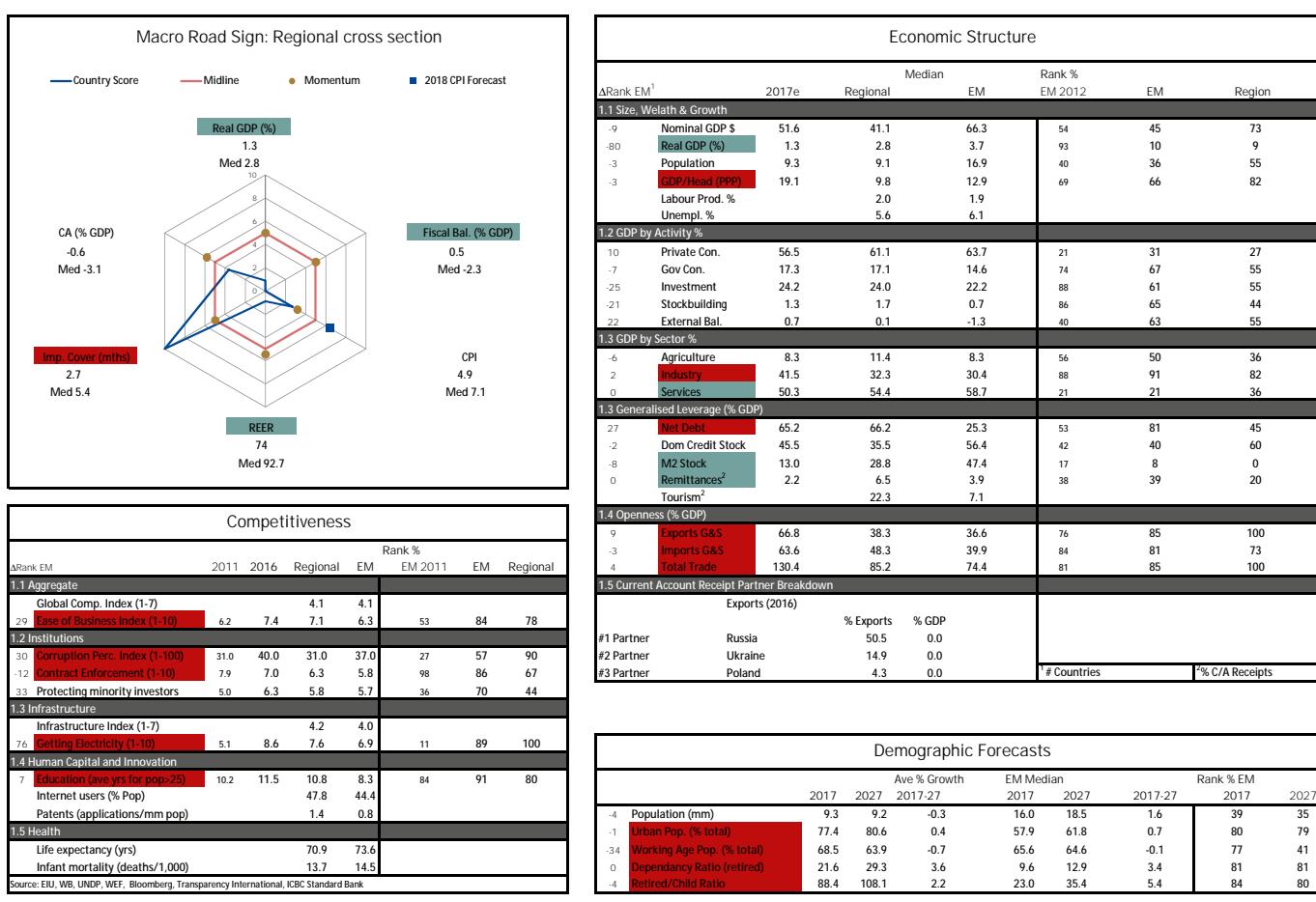
Belarus

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

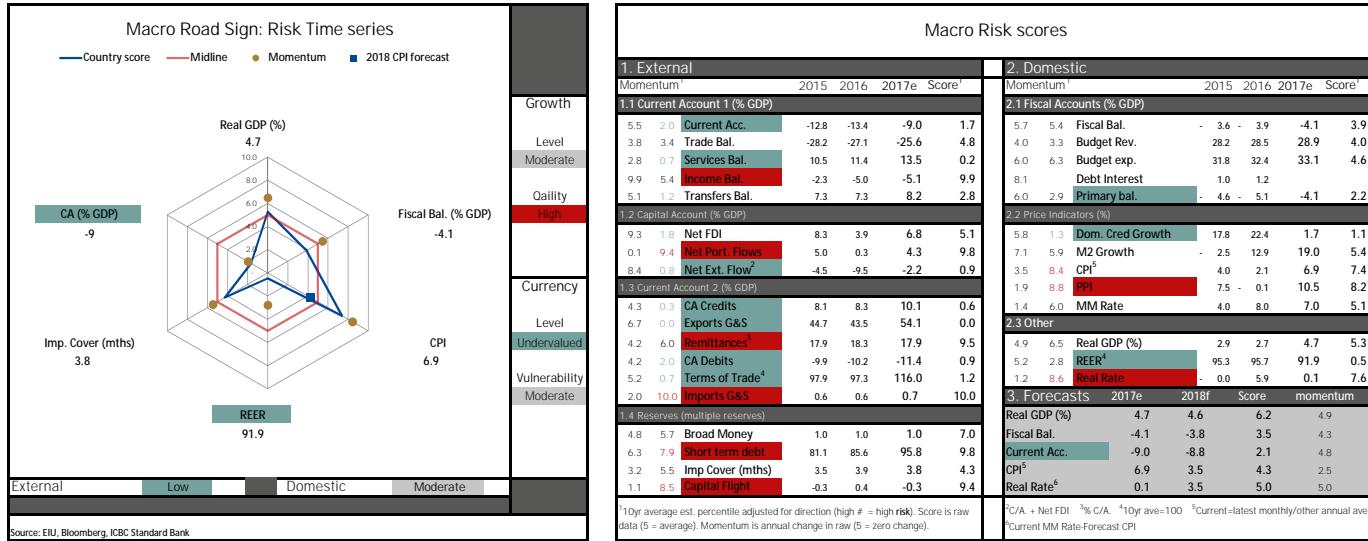


Comparative Analysis (Cross Section)



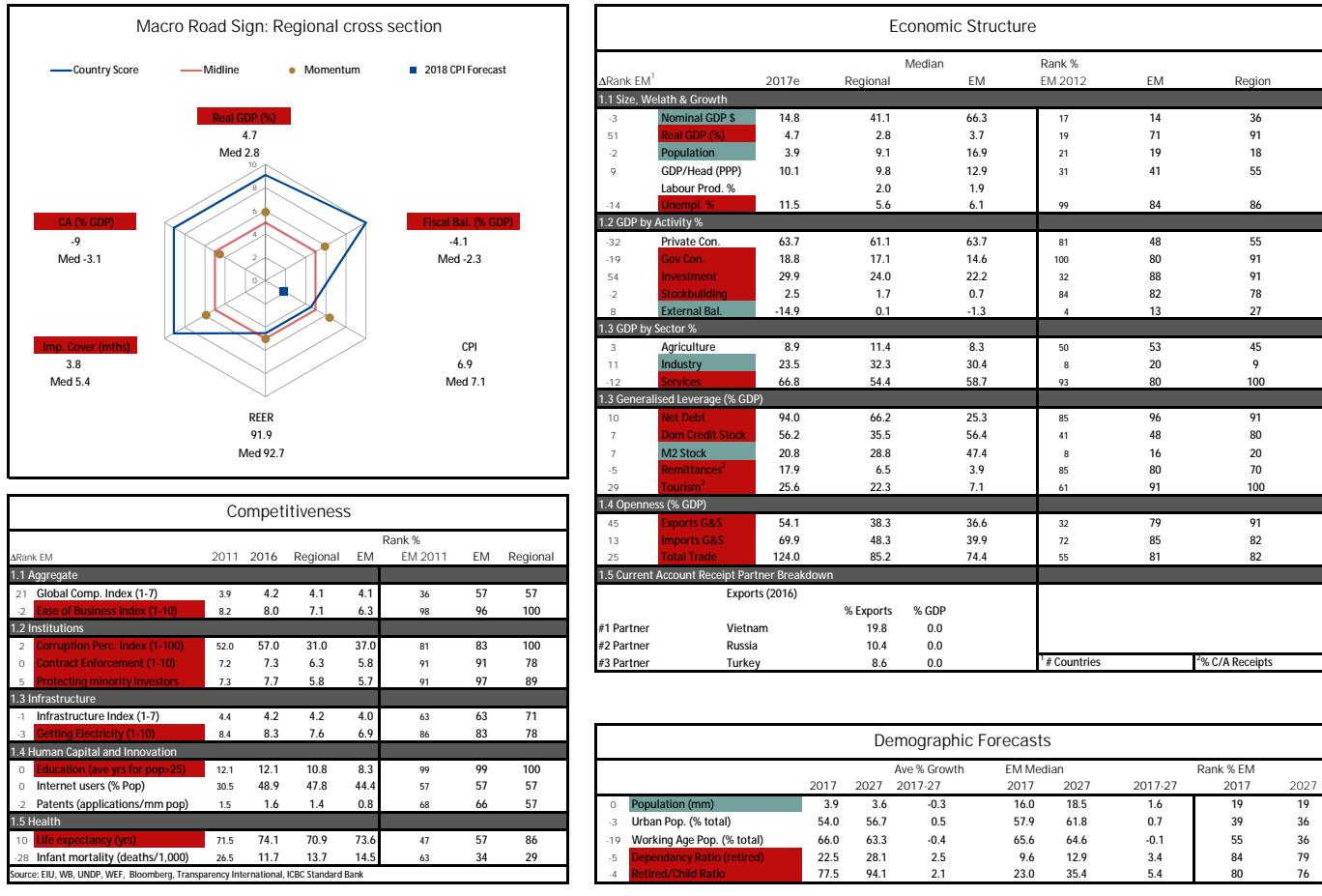
Georgia

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

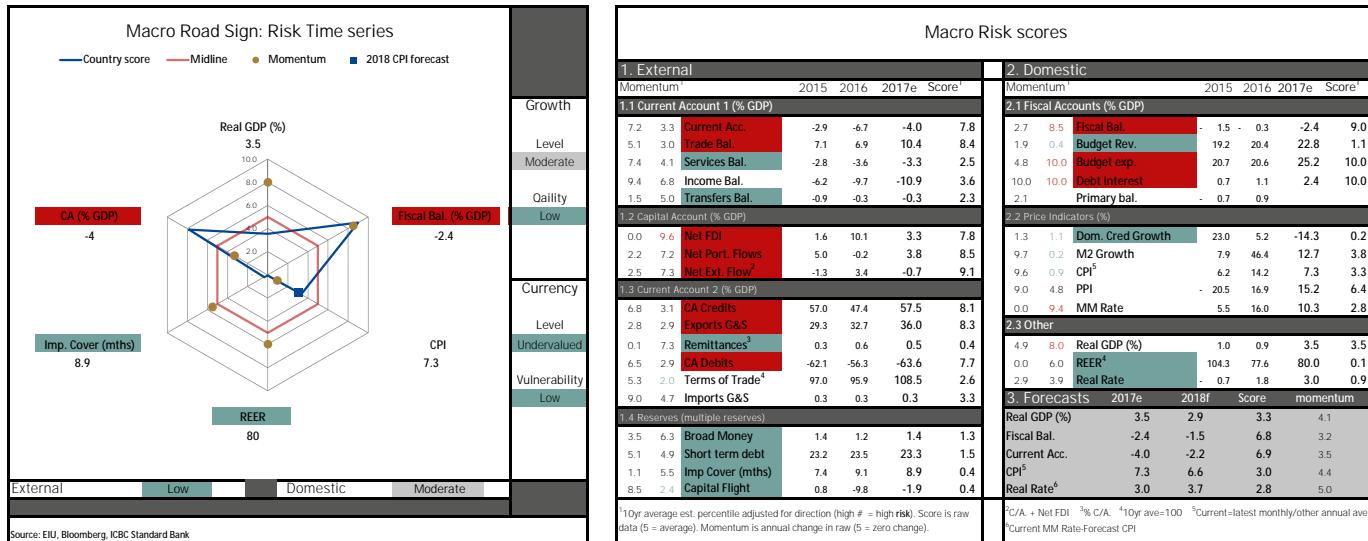
Comparative Analysis (Cross Section)



Kazakhstan

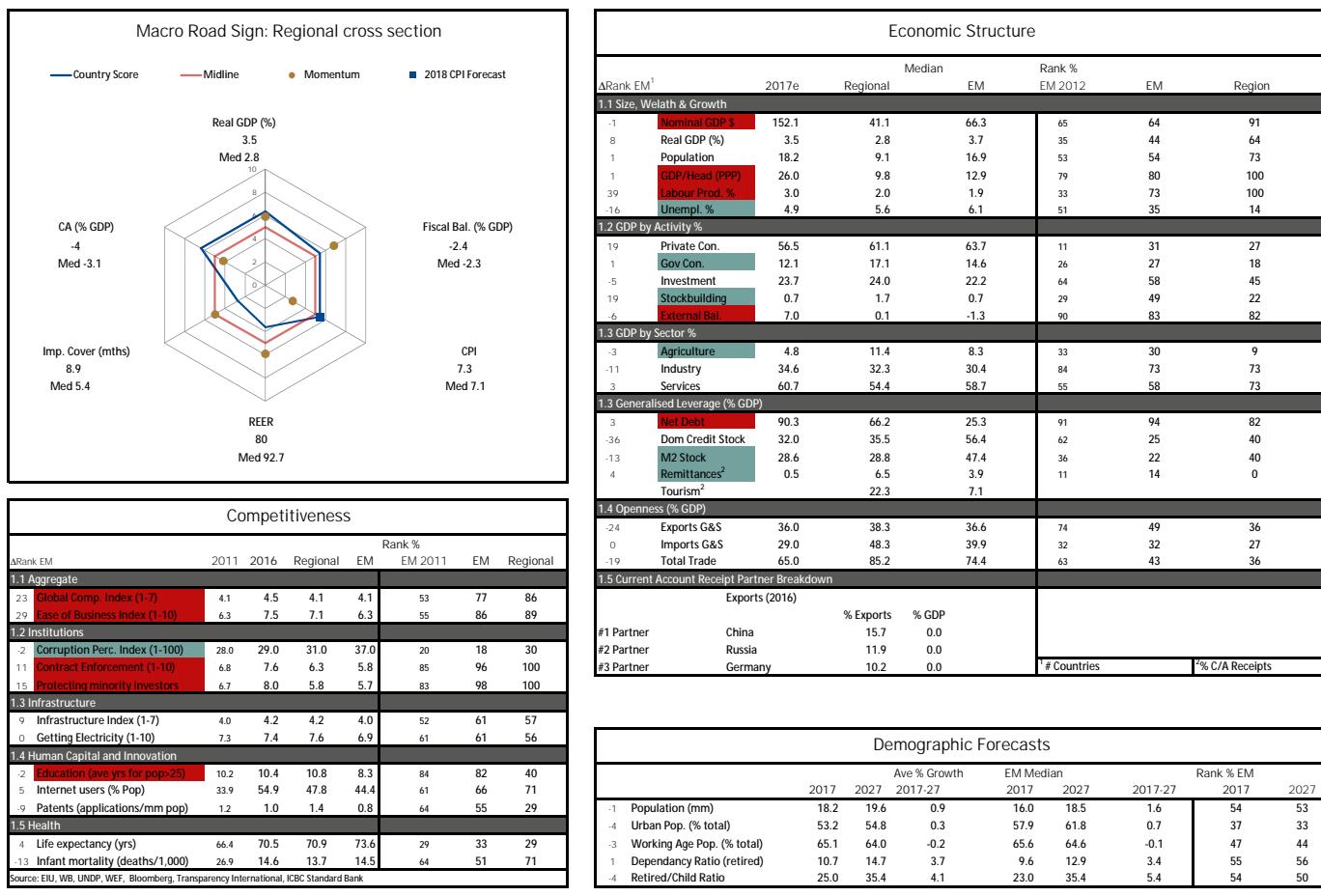
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

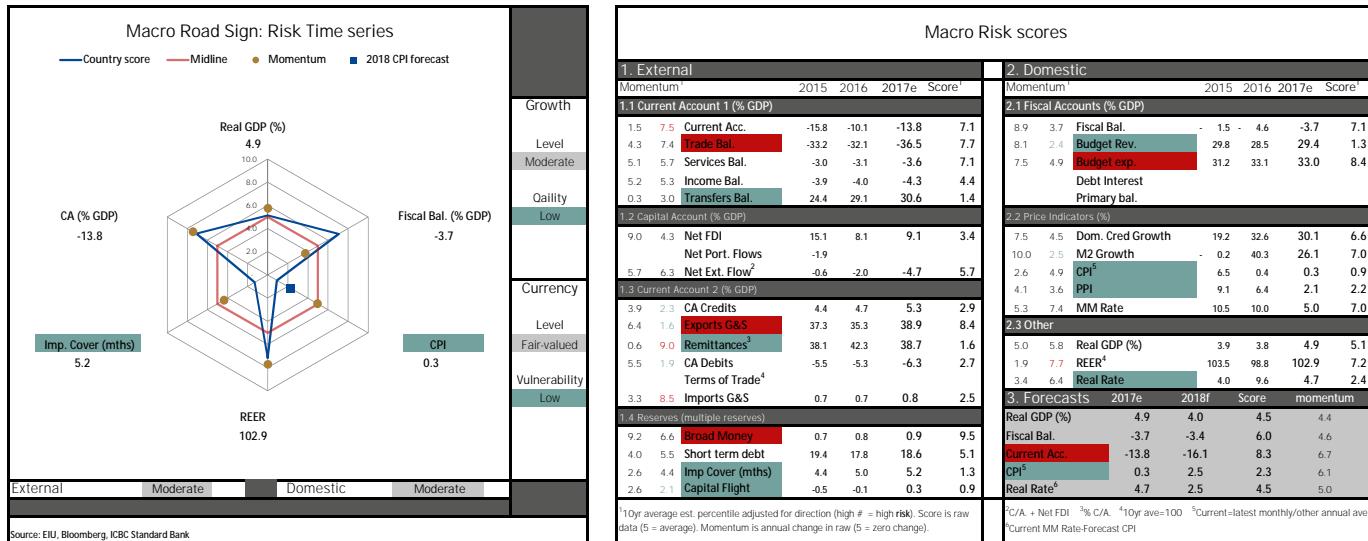
Raw: Bottom quartile
Top quartile



Kyrgyz Republic

Risk Analysis (Time Series)

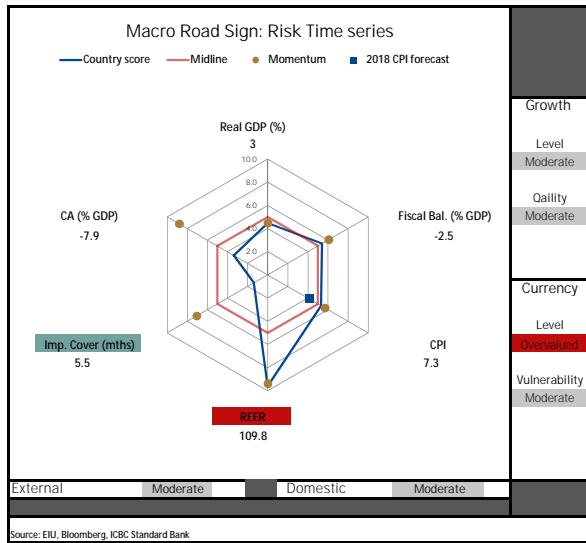
10yr History: Bottom quartile / low risk
Top quartile / high risk



Moldova

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



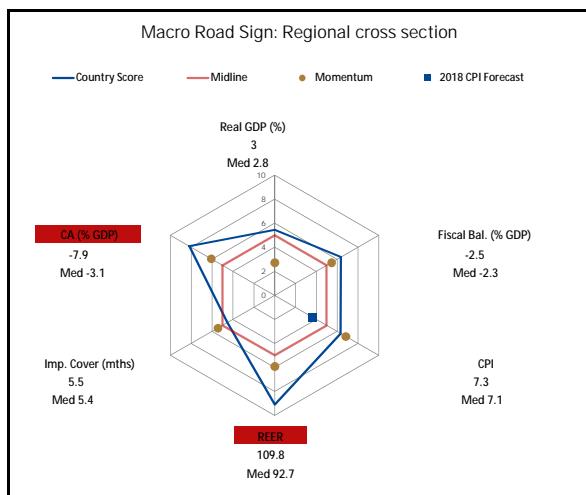
Macro Risk scores

Category	Score	2015	2016	2017e	Score ¹
1. External					
1.1 Current Account 1 (% GDP)					
1.9 8.8 Current Acc.	-7.2	-4.2	-7.9	3.4	
3.9 4.7 Trade Bal.	-32.6	-30.9	-30.5	0.8	
0.2 8.3 Services Bal.	1.9	3.2	2.5	1.7	
5.1 7.0 Income Bal.	6.9	6.8	5.6	9.7	
4.9 9.3 Transfers Bal.	16.6	16.6	14.5	9.8	
1.2 Capital Account (% GDP)					
7.6 2.4 Net FDI	3.5	1.6	3.1	7.5	
4.5 4.7 Net Port. Flows	0.0	0.0	0.0	3.1	
2.8 8.8 Net Ext. Flow ²	-3.7	-2.6	-4.8	6.7	
1.3 Current Account 2 (% GDP)					
4.7 3.8 CA Credits	4.5	4.6	4.8	4.6	
4.1 0.9 Exports G&S	42.8	43.6	48.2	0.2	
5.4 5.1 Remittances ³	15.0	14.8	14.7	6.0	
5.4 2.8 CA Debits	-5.0	-4.9	-5.5	4.5	
2.2 1.1 Terms of Trade ⁴	100.4	104.7	110.6	0.6	
3.9 8.7 Imports G&S	0.7	0.7	0.8	4.2	
1.4 Reserves (multiple reserves)					
0.6 7.8 Broad Money	1.9	1.6	1.8	4.2	
1.5 6.8 Short term debt	85.6	70.1	76.2	2.3	
0.5 7.1 Imp. Cover (mths)	4.7	5.9	5.5	1.4	
5.8 8.4 Capital Flight	0.5	0.5	0.1	6.6	
2. Domestic					
2.1 Fiscal Accounts (% GDP)					
4.2 6.1 Fiscal Bal.	-	2.3	-1.8	-2.5	5.4
8.4 1.4 Budget Rev.	35.6	34.2	35.5	8.6	
2.0 8.1 Budget exp.	37.9	36.0	38.0	1.9	
Debt Interest					
Primary bal.					
2.2 Price Indicators (%)					
1.6 6.1 Dom. Cred. Growth	4.4	-9.9	-6.0	1.2	
8.3 4.1 M2 Growth	-	3.0	10.2	7.0	2.7
2.7 5.7 CPI ⁵	9.7	6.4	7.3	5.3	
PPI					
0.0 9.9 MM Rate	4.4	18.8	5.4	7.9	
2.3 Other					
7.1 4.5 Real GDP (%)	-	0.4	4.1	3.0	4.5
6.2 9.4 REER ⁶	97.9	99.9	109.8	9.6	
0.0 9.6 Real Rate	-	5.3	12.4	-1.9	7.9
3. Forecasts					
Real GDP (%)	3.0	5.0	6.2	6.0	
Fiscal Bal.	-2.5	-2.7	5.4	5.3	
Current Acc.	-7.9	-5.0	1.4	2.0	
CPI ⁵	7.3	5.8	4.1	3.9	
Real Rate ⁶	-1.9	-0.4	6.9	5.0	

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI
³% C/A * 100
⁴10yr ave=100
⁵Current=latest monthly/other annual ave.
⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)

Raw: Bottom quartile
Top quartile



Economic Structure

ARank EM ¹	2017e	Median	Rank %			
	Regional	EM	EM 2012	EM	Region	
1.1 Size, Wealth & Growth						
-3 Nominal GDP \$	7.8	41.1	66.3	8	5	18
-42 Real GDP (%)	3.0	2.8	3.7	79	35	55
-2 Population	3.5	9.1	16.9	20	18	9
-2 GDP/Head (PPP)	5.6	9.8	12.9	25	23	18
6 Unempl. %	4.0	5.6	6.1	20	26	0
1.2 GDP by Activity %						
3 Private Con.	89.5	61.1	63.7	96	99	91
-13 Gov Con.	19.0	17.1	14.6	96	82	100
-33 Investment	23.1	24.0	22.2	91	56	36
-65 Stockbuilding	0.2	1.7	0.7	91	23	11
1 External Bal.	-31.8	0.1	-1.3	1	2	18
1.3 GDP by Sector %						
-1 Agriculture	14.2	11.4	8.3	70	69	64
-2 Industry	21.0	32.3	30.4	15	13	0
6 Services	64.8	54.4	58.7	69	76	91
1.3 Generalised Leverage (% GDP)						
0 Net Debt	53.4	66.2	25.3	75	75	36
-35 Dom Credit Stock	25.3	35.5	56.4	54	18	10
-13 M2 Stock	52.4	28.8	47.4	67	54	100
-10 Remittances ²	14.7	6.5	3.9	86	76	60
Tourism ³		22.3	7.1			
1.4 Openness (% GDP)						
17 Exports G&S	48.2	38.3	36.6	53	71	73
-4 Imports G&S	80.0	48.3	39.9	98	94	100
0 Total Trade	128.2	85.2	74.4	84	84	91
1.5 Current Account Receipt Partner Breakdown						
		% Exports	% GDP			
#1 Partner	Romania	23.7	0.0			
#2 Partner	Italy	11.3	0.0			
#3 Partner	Russia	10.7	0.0		# Countries	% C/A Receipts

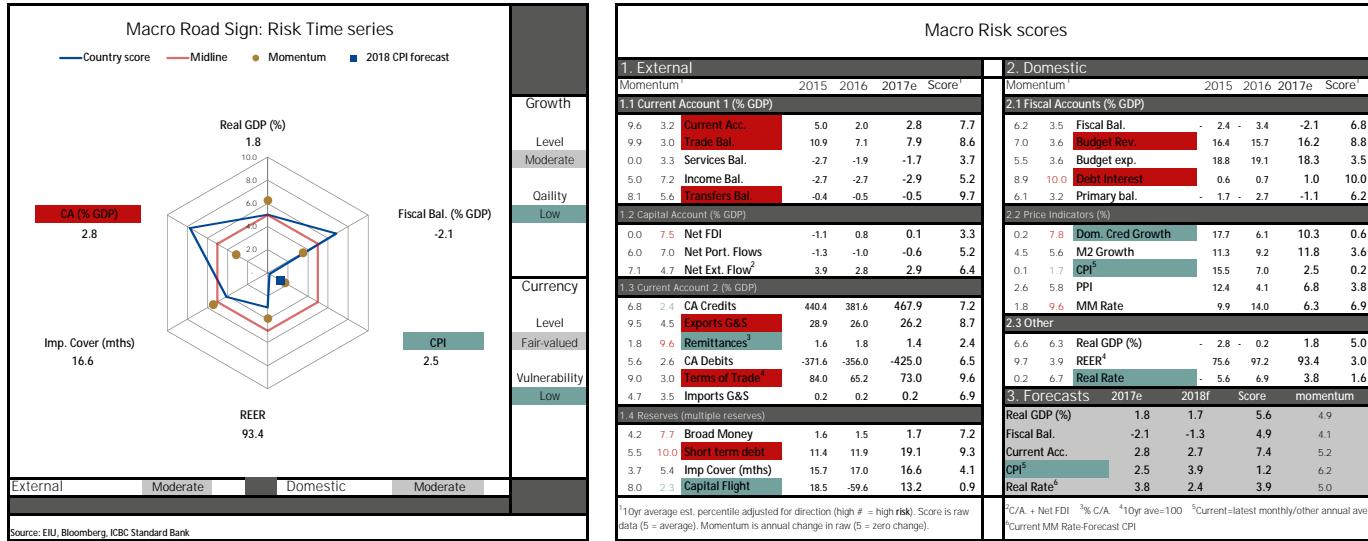
Demographic Forecasts

	Ave % Growth	EM Median	Rank %			
	2017	2027	2017-27	2017	2027	
2. Population (mm)	3.5	3.4	-0.4	16.0	18.5	1.6
-3 Urban Pop. (% total)	45.2	47.7	0.6	57.9	61.8	0.7
-2 Working Age Pop. (% total)	73.4	69.5	-0.5	65.6	64.6	-0.1
-2 Dependency Ratio (retired)	14.8	22.9	5.5	9.6	12.9	3.4
4 Retired/Child Ratio	69.0	110.0	5.9	23.0	35.4	5.4

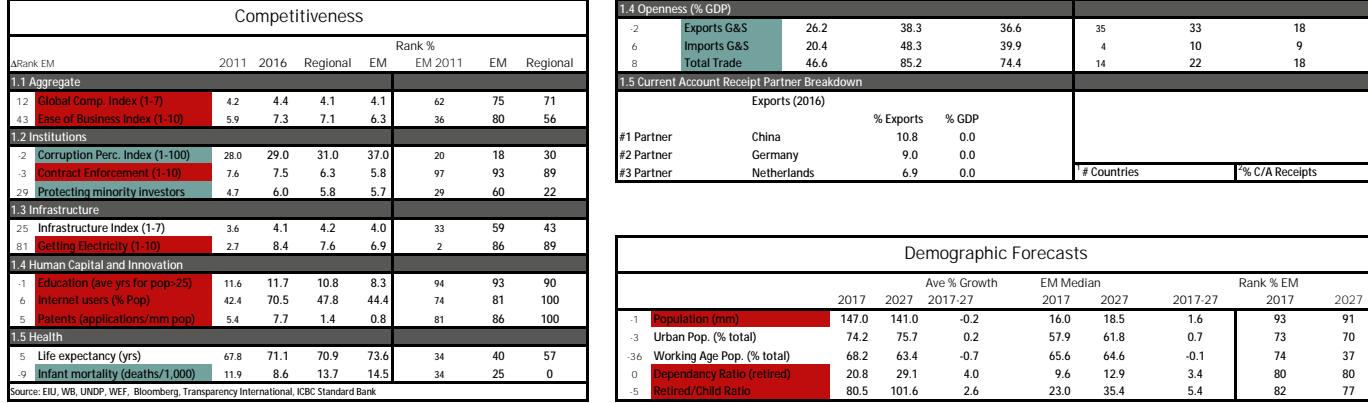
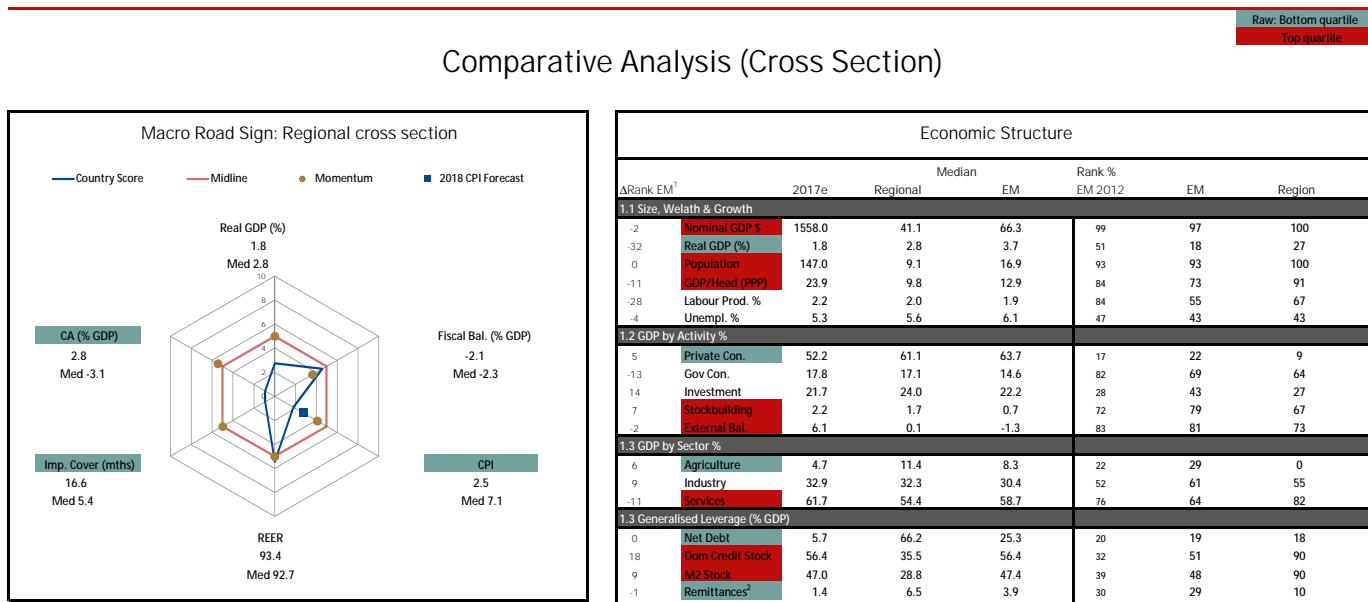
Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Russia

Risk Analysis (Time Series)

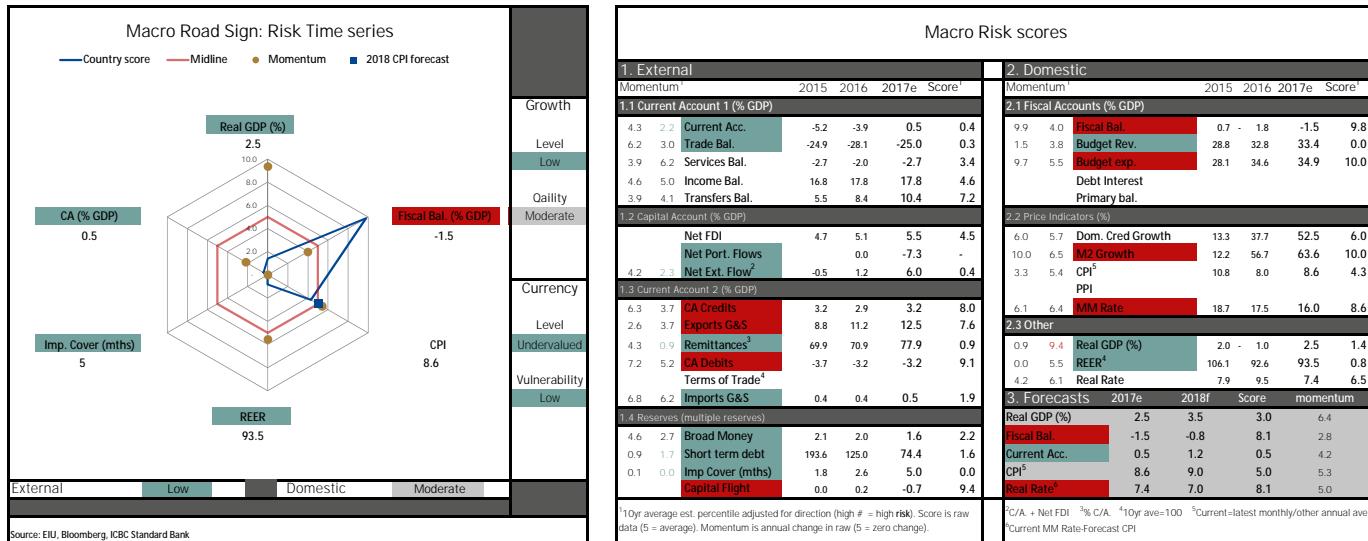


10yr History: Bottom quartile / low risk
Top quartile / high risk



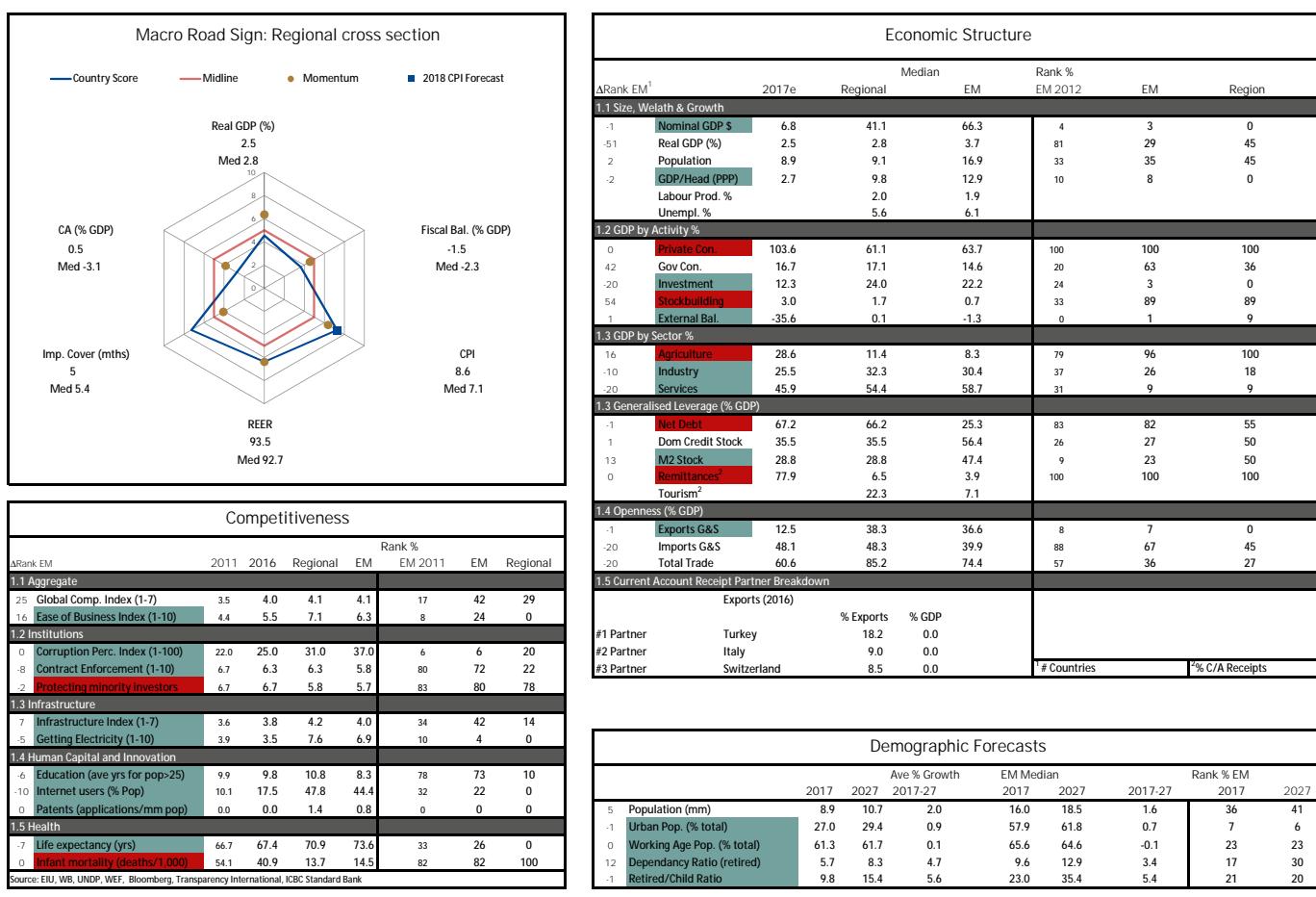
Tajikistan

Risk Analysis (Time Series)



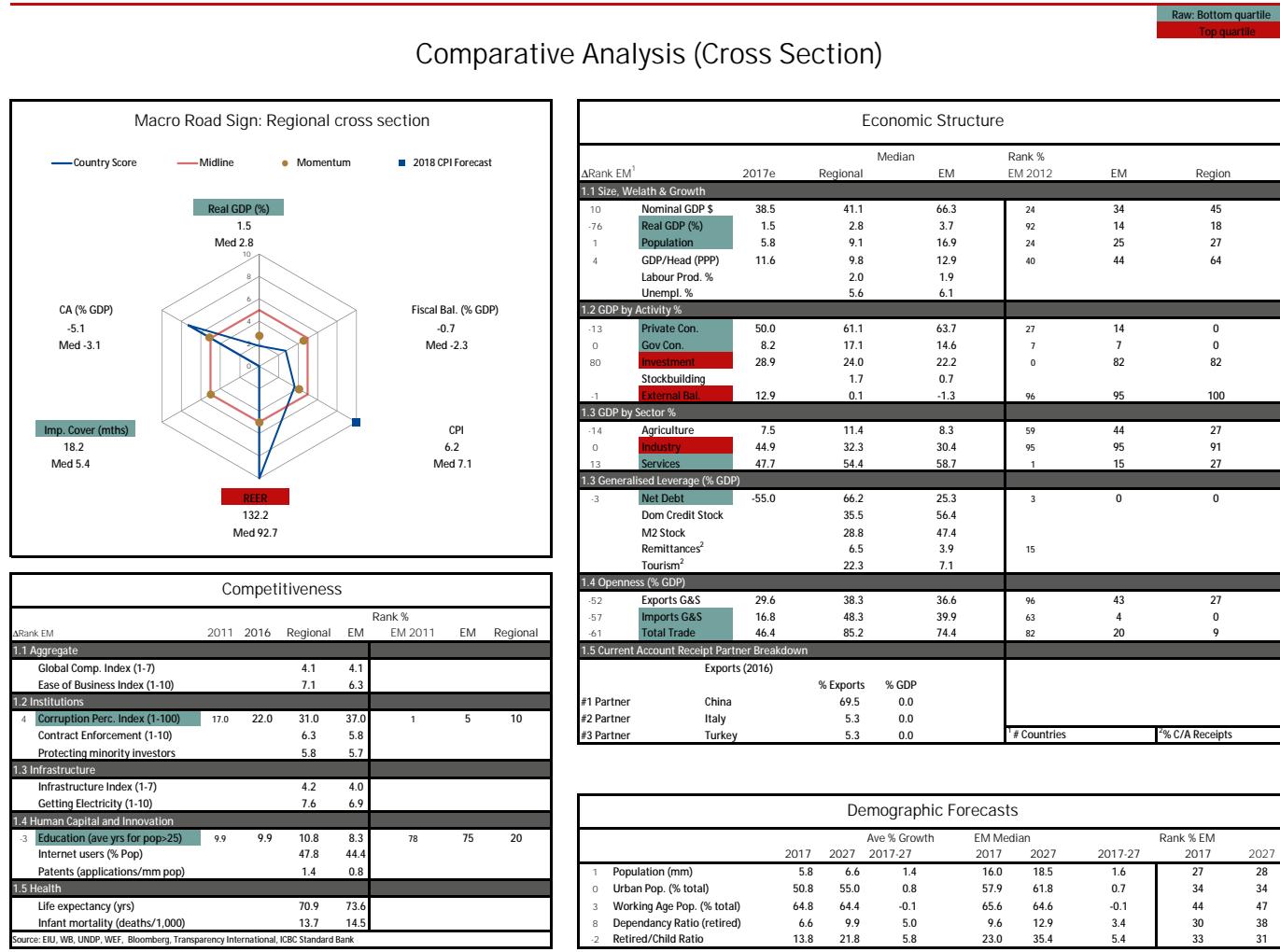
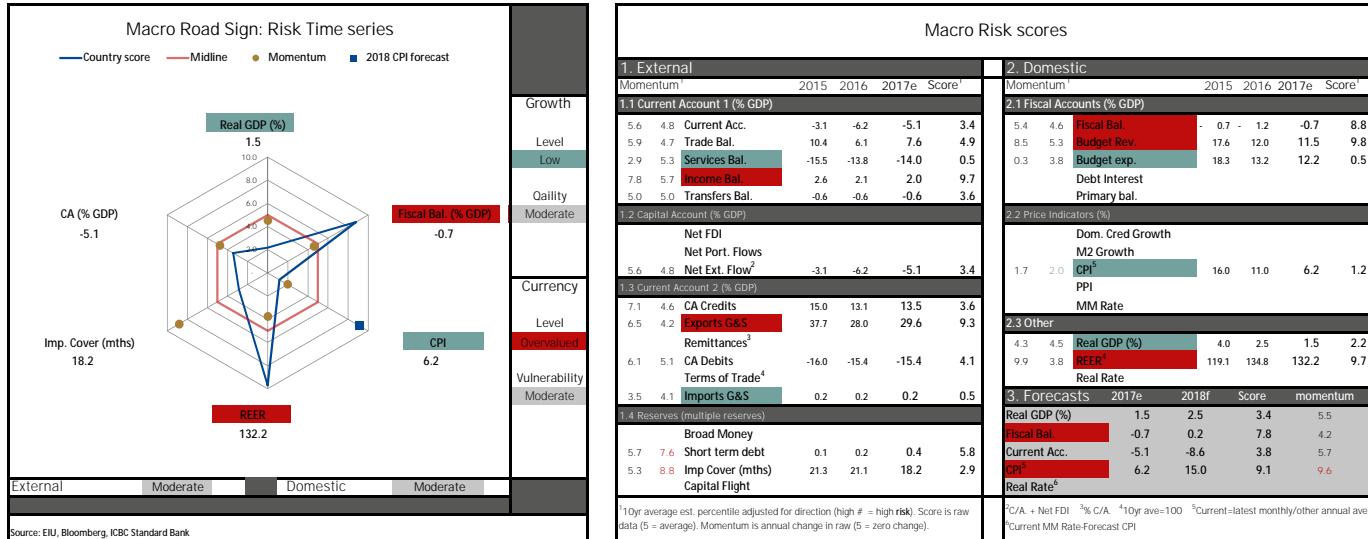
10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)



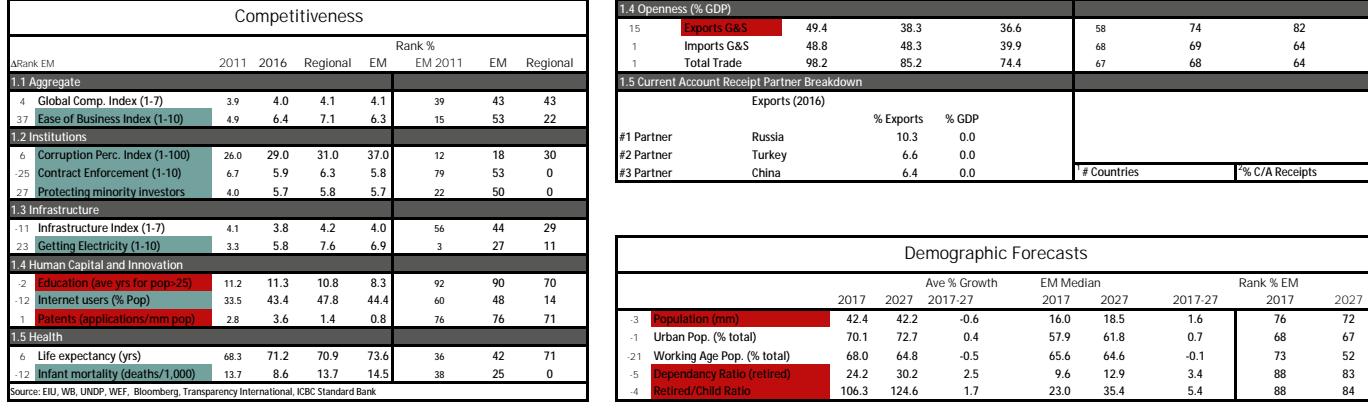
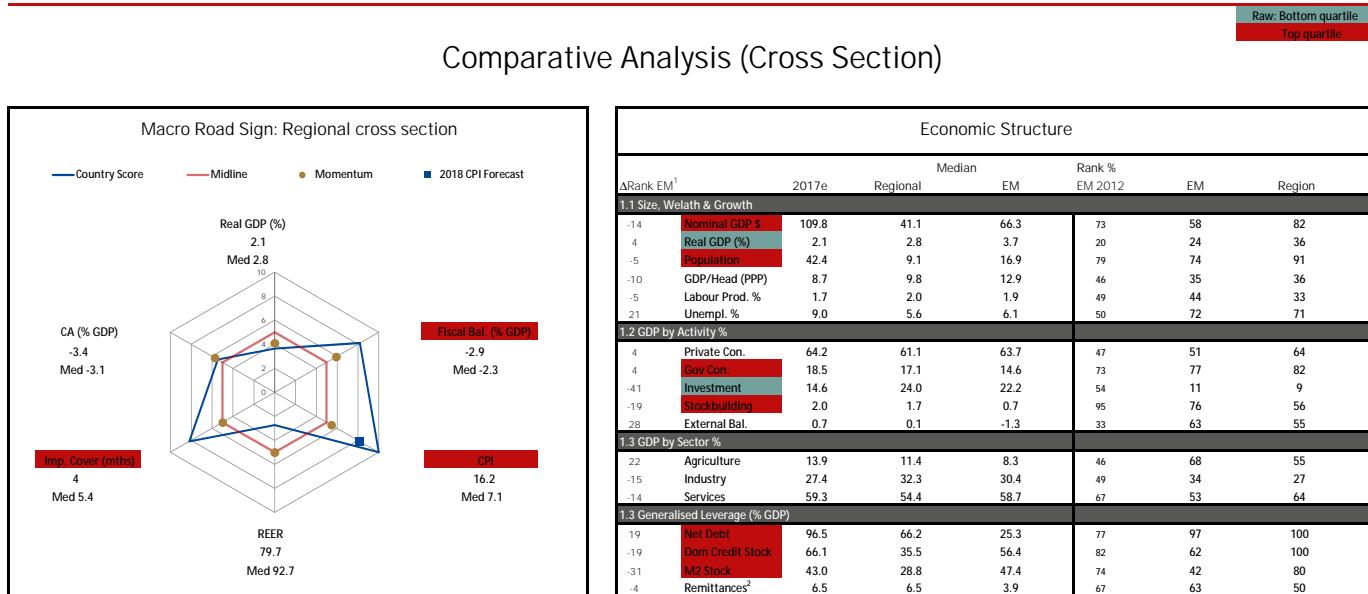
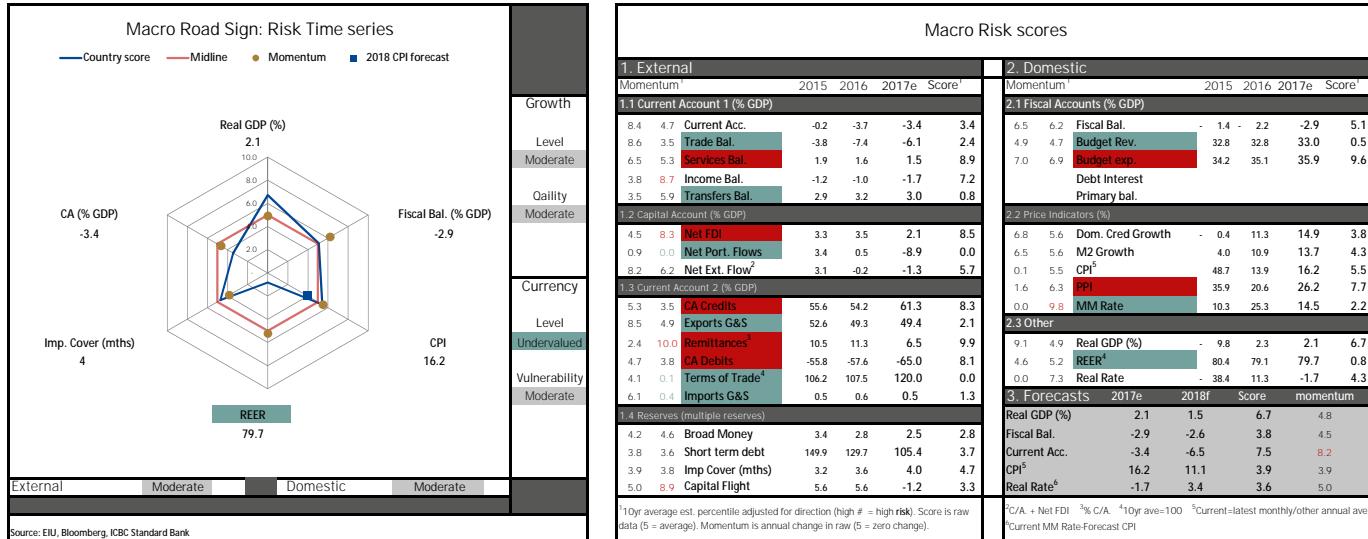
Turkmenistan

Risk Analysis (Time Series)



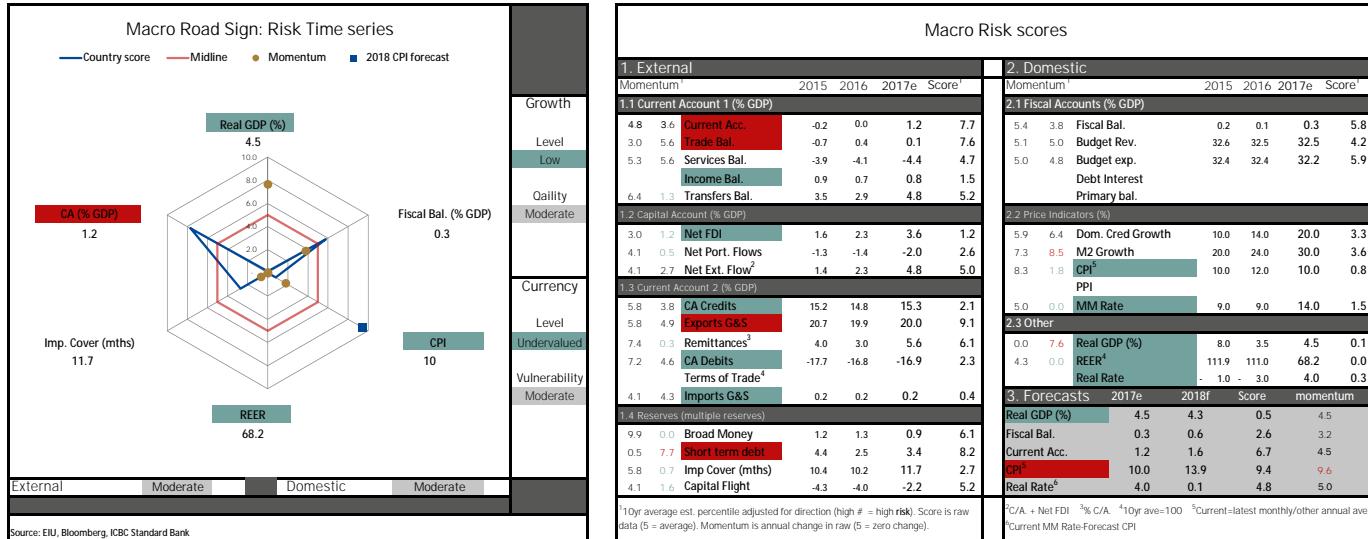
Ukraine

Risk Analysis (Time Series)



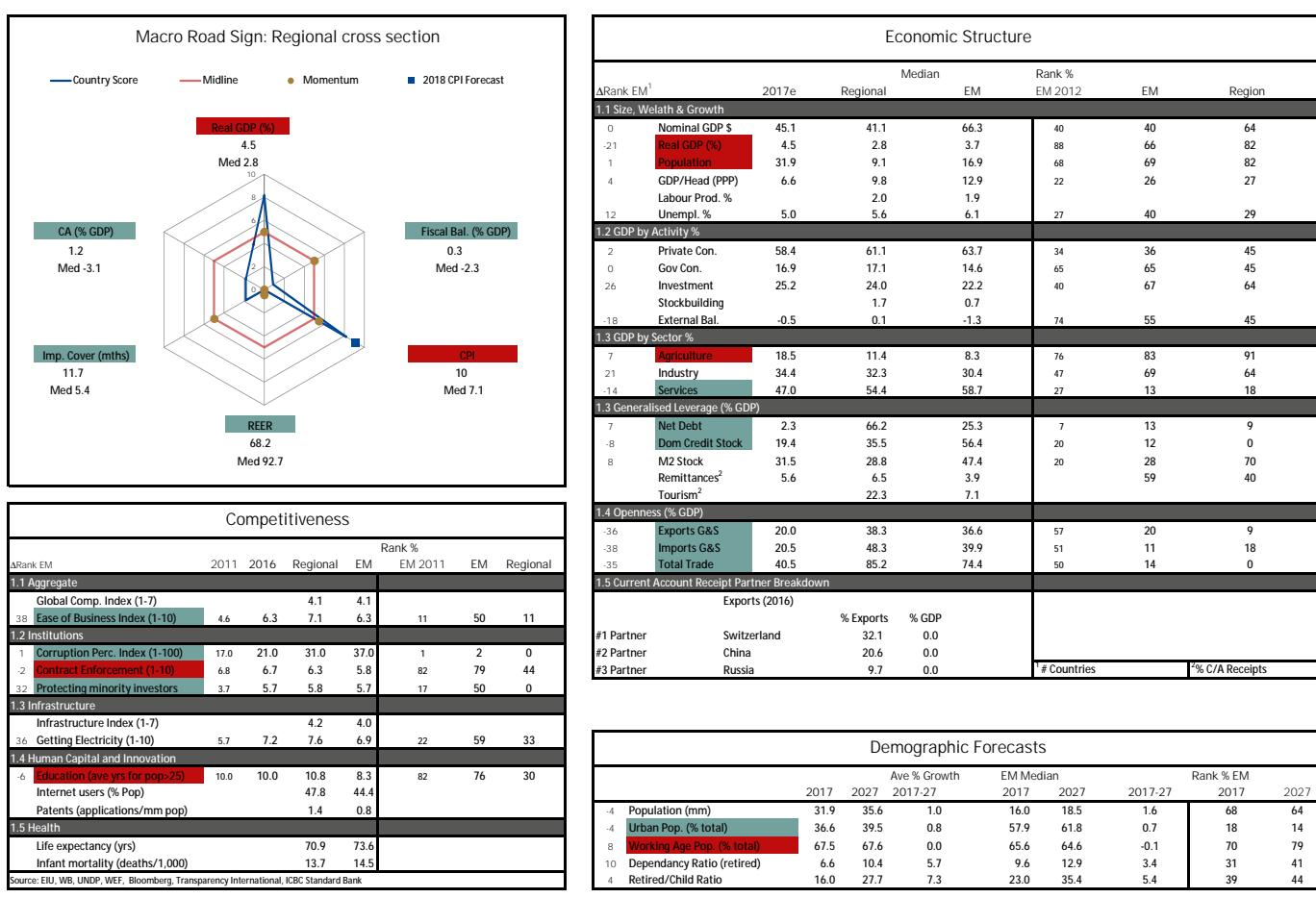
Uzbekistan

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)

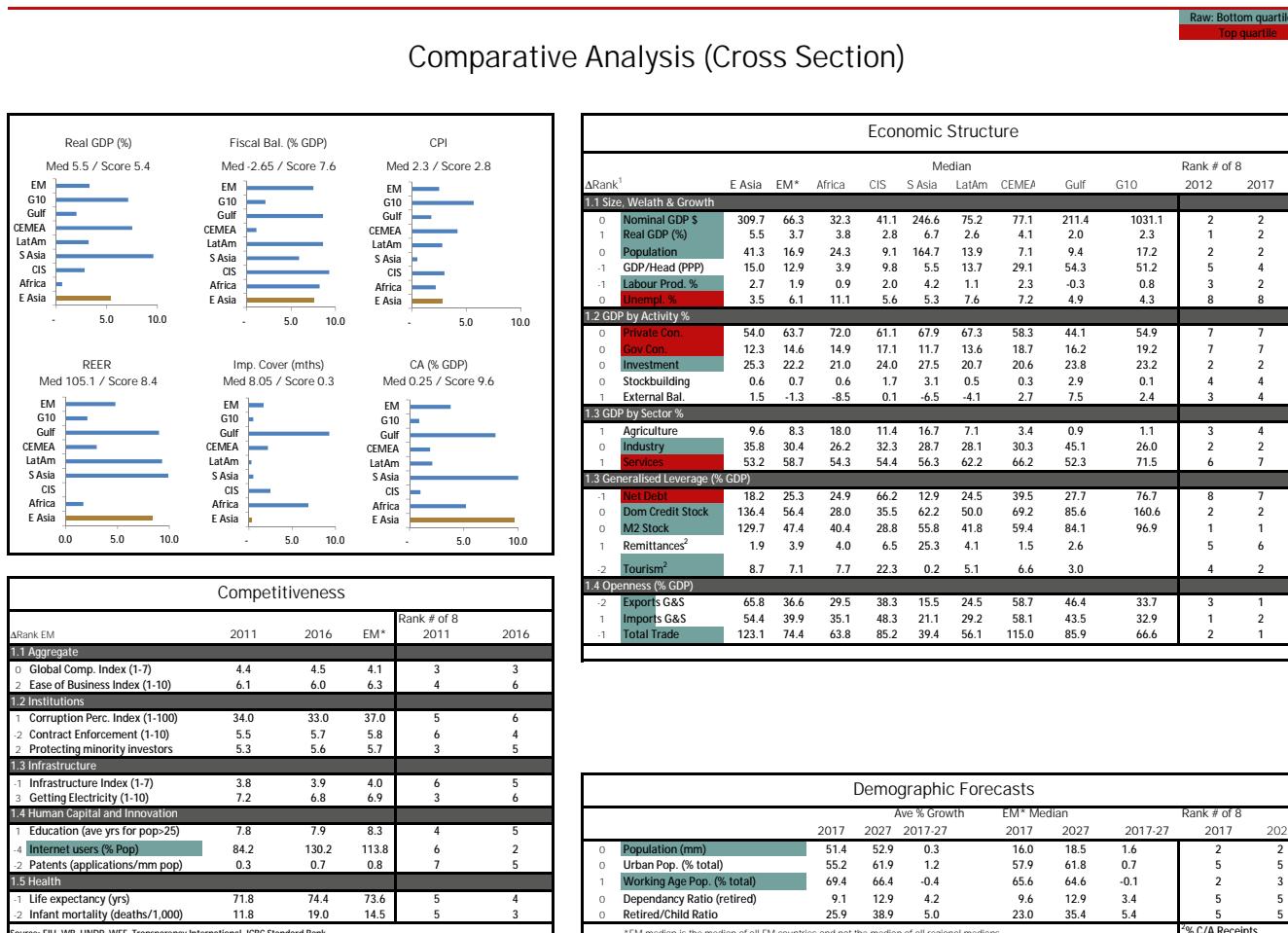
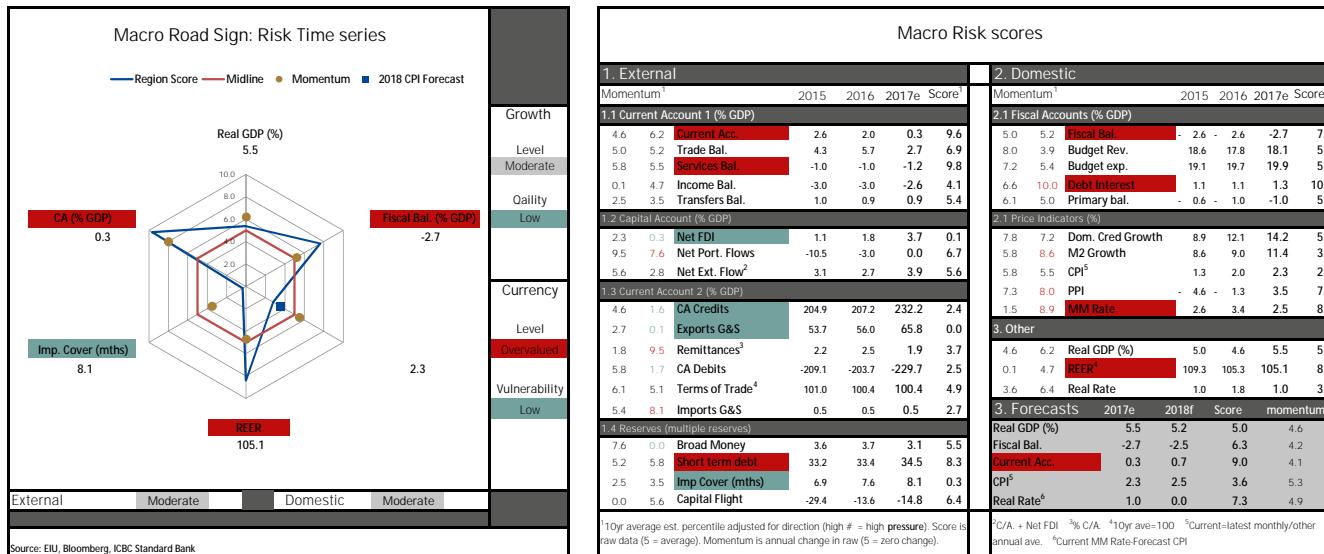


E Asia

E Asia

10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)

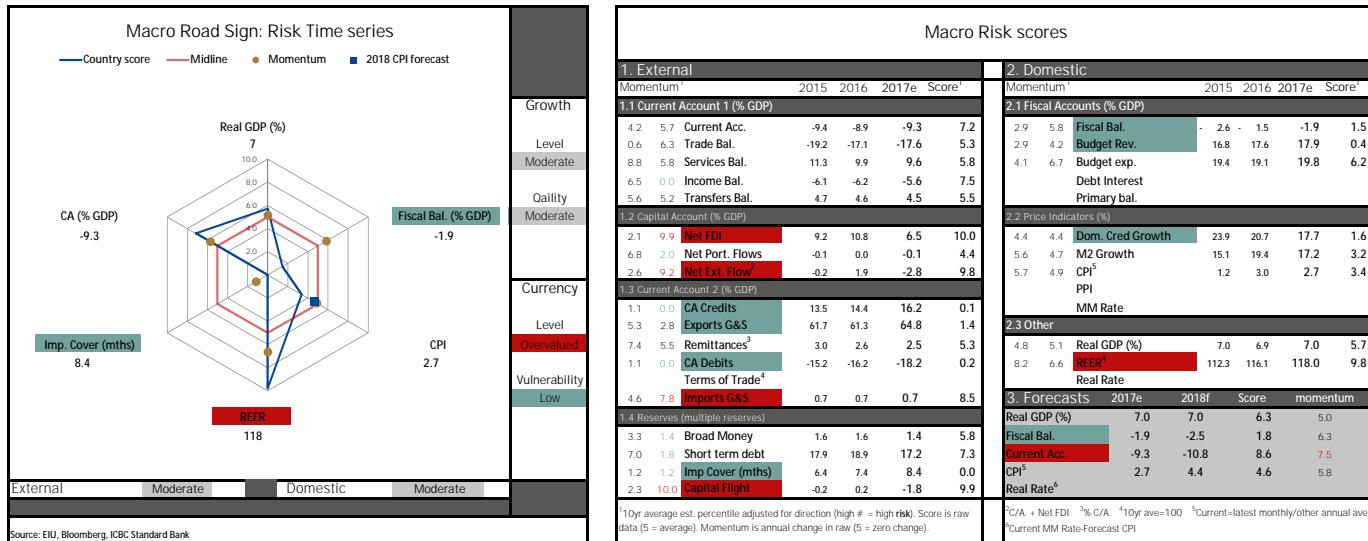


Demographic Forecasts						
	Ave % Growth	EM* Median	Rank # of 8			
	2017	2027	2017-27	2017	2027	2017
0 Population (mm)	51.4	52.9	0.3	16.0	18.5	1.6
0 Urban Pop. (% total)	55.2	61.9	1.2	57.9	61.8	0.7
1 Working Age Pop. (% total)	69.4	66.4	-0.4	65.6	64.6	-0.1
0 Dependency Ratio (retired)	9.1	12.9	4.2	9.6	12.9	3.4
0 Retired/Child Ratio	25.9	38.9	5.0	23.0	35.4	5.4

*EM median is the median of all EM countries and not the median of all regional medians

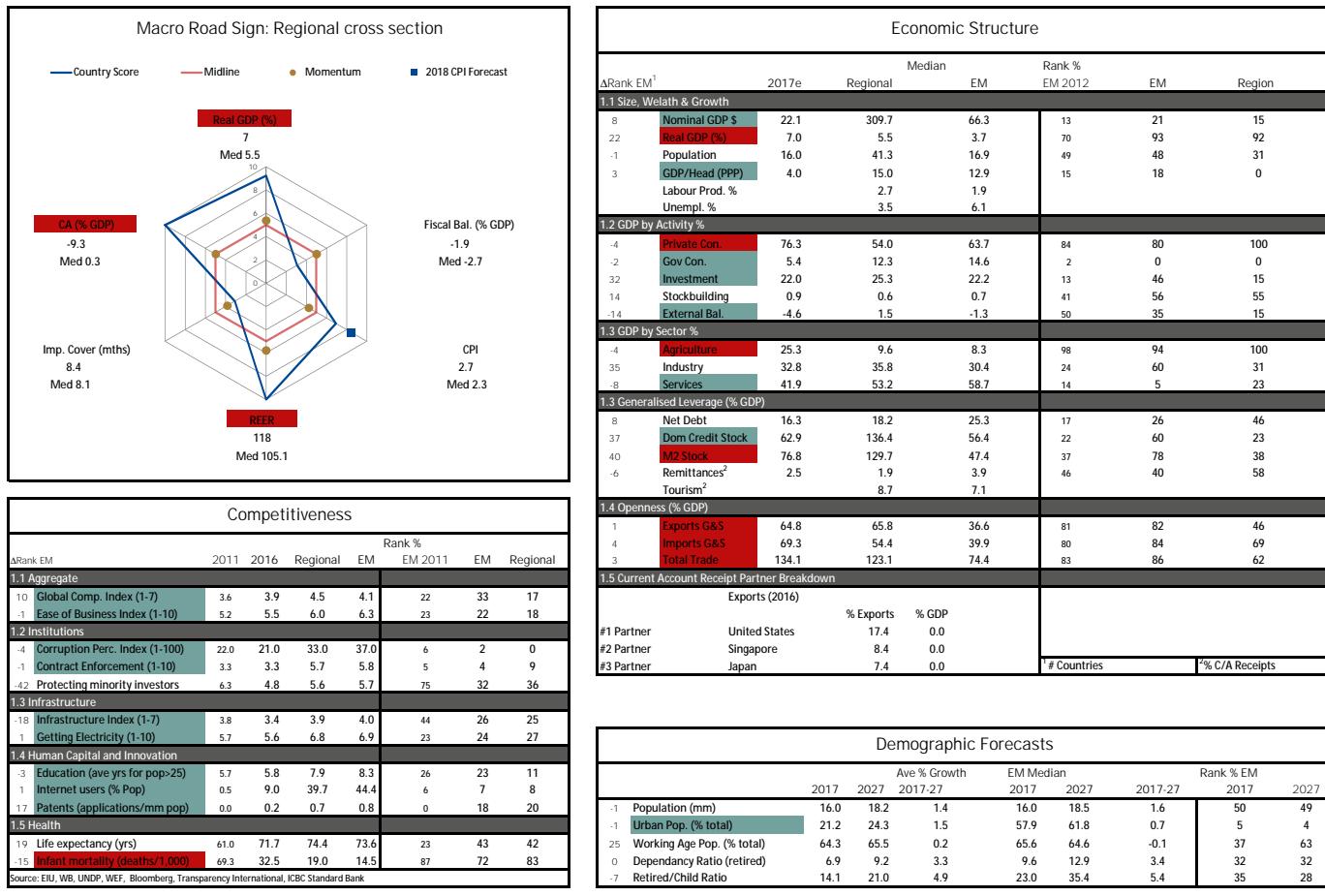
Cambodia

Risk Analysis (Time Series)



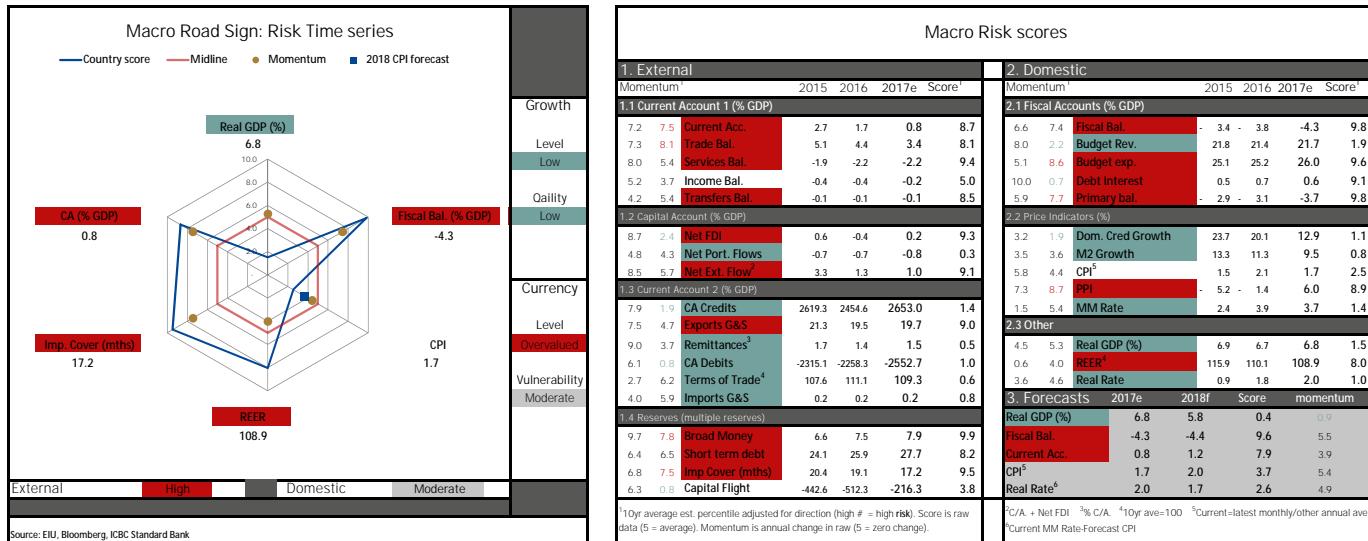
10yr History: Bottom quartile / low risk
Top quartile / high risk

Comparative Analysis (Cross Section)



China

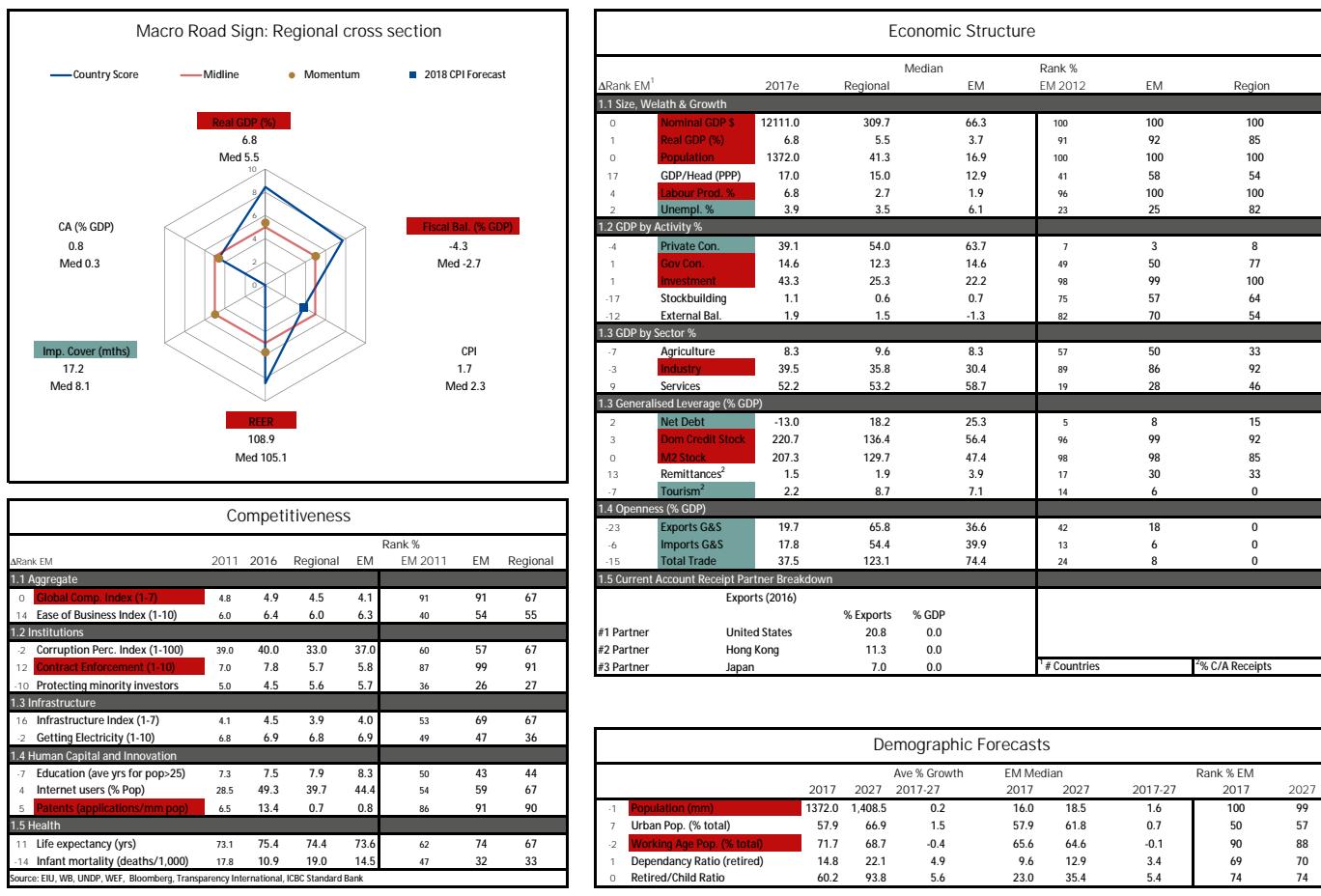
Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

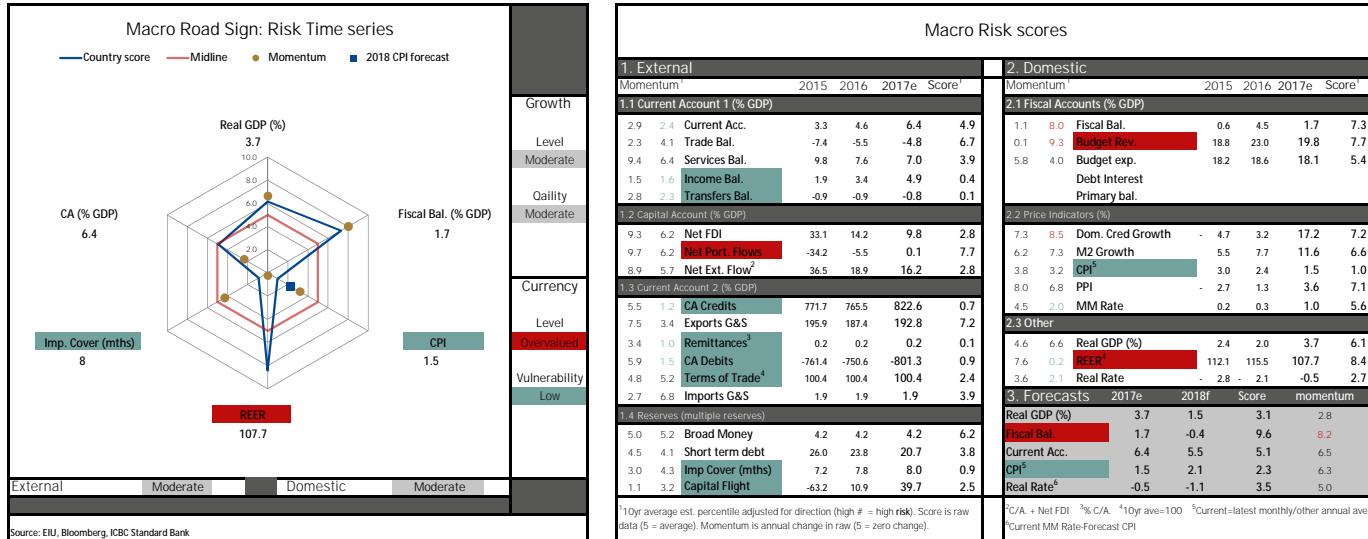
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Comparative Analysis (Cross Section)

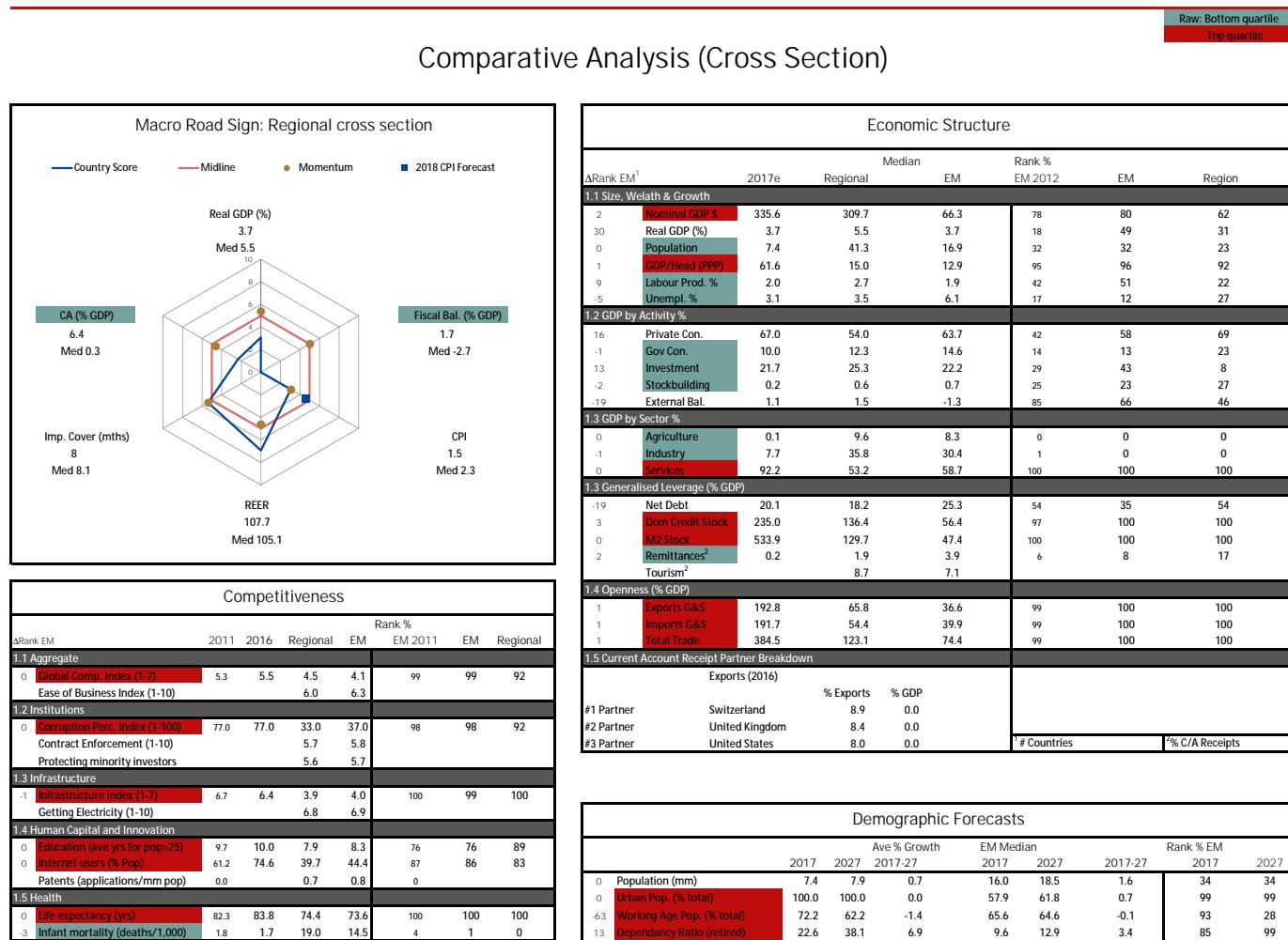


Hong Kong

Risk Analysis (Time Series)

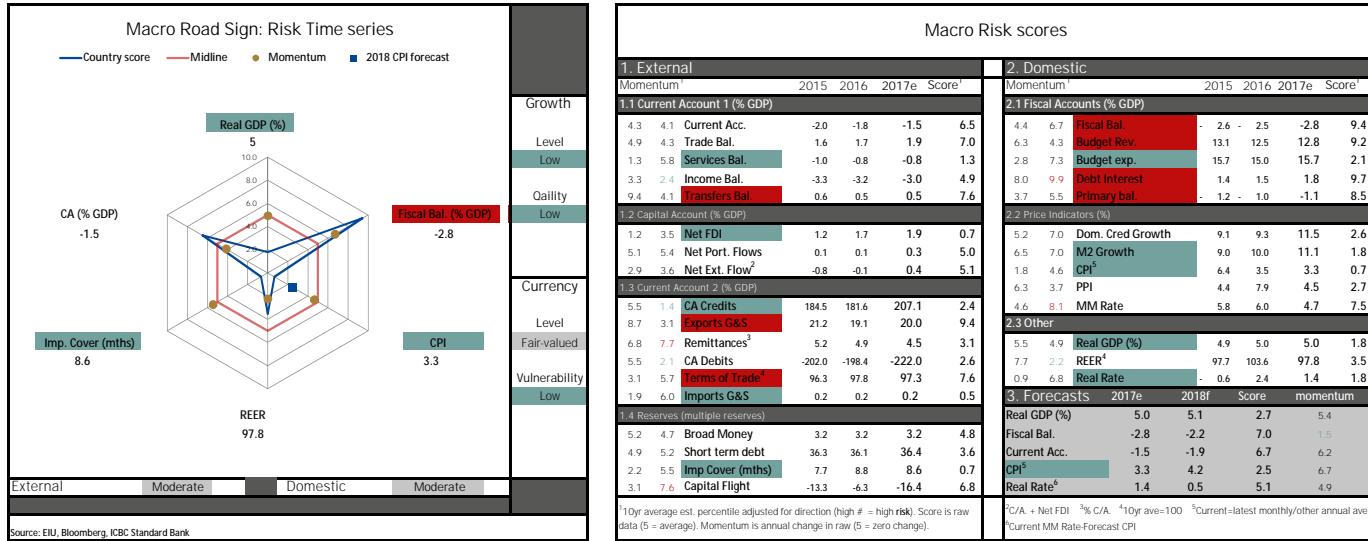


10yr History: Bottom quartile / low risk
Top quartile / high risk



Indonesia

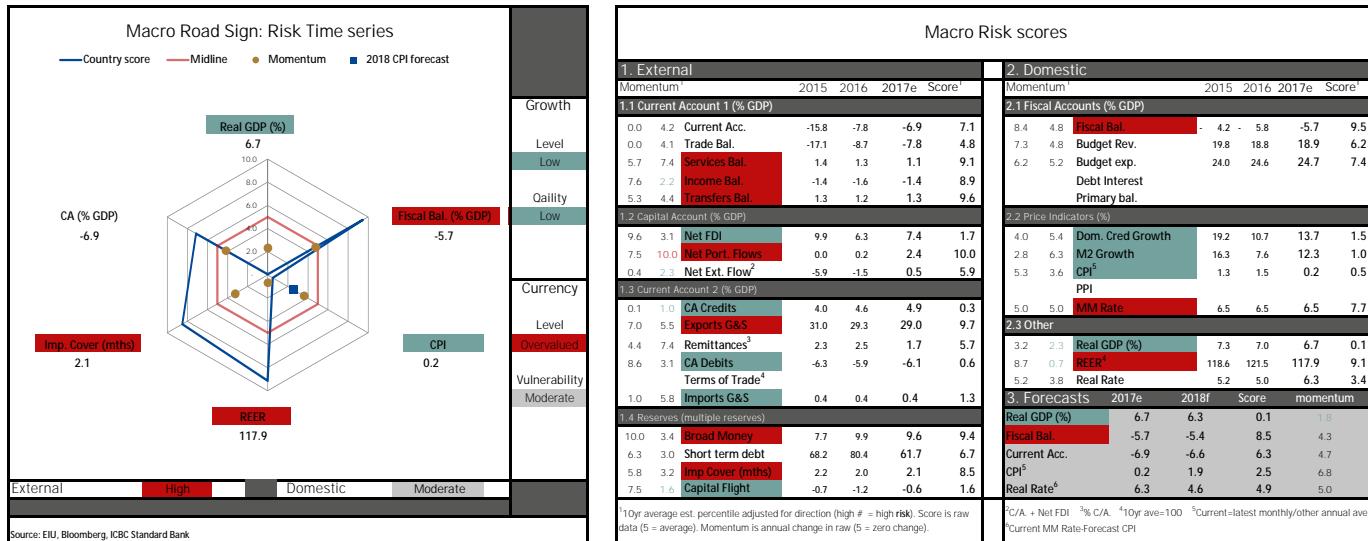
Risk Analysis (Time Series)



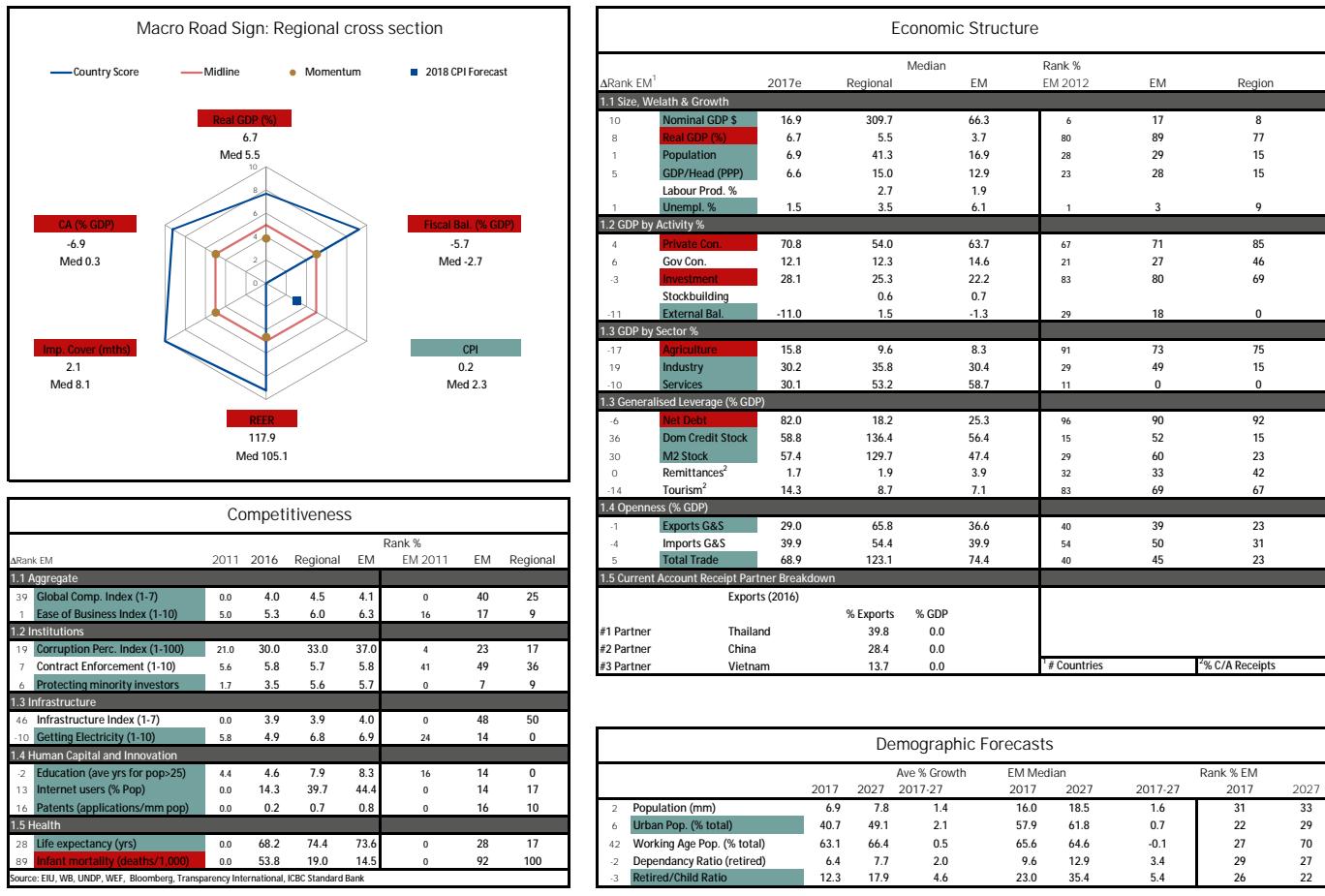
10yr History: Bottom quartile / low risk
Top quartile / high risk

Laos

Risk Analysis (Time Series)

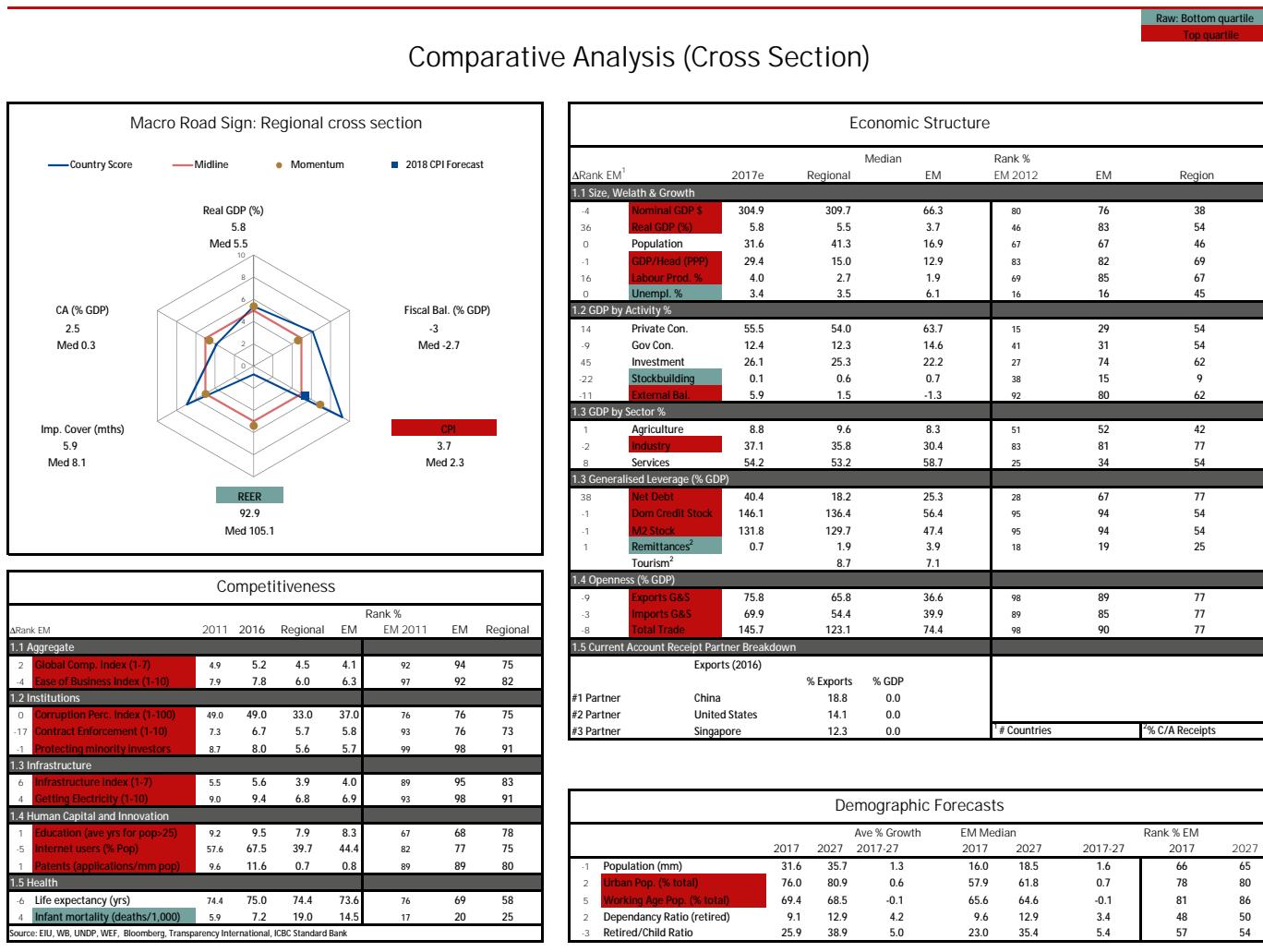
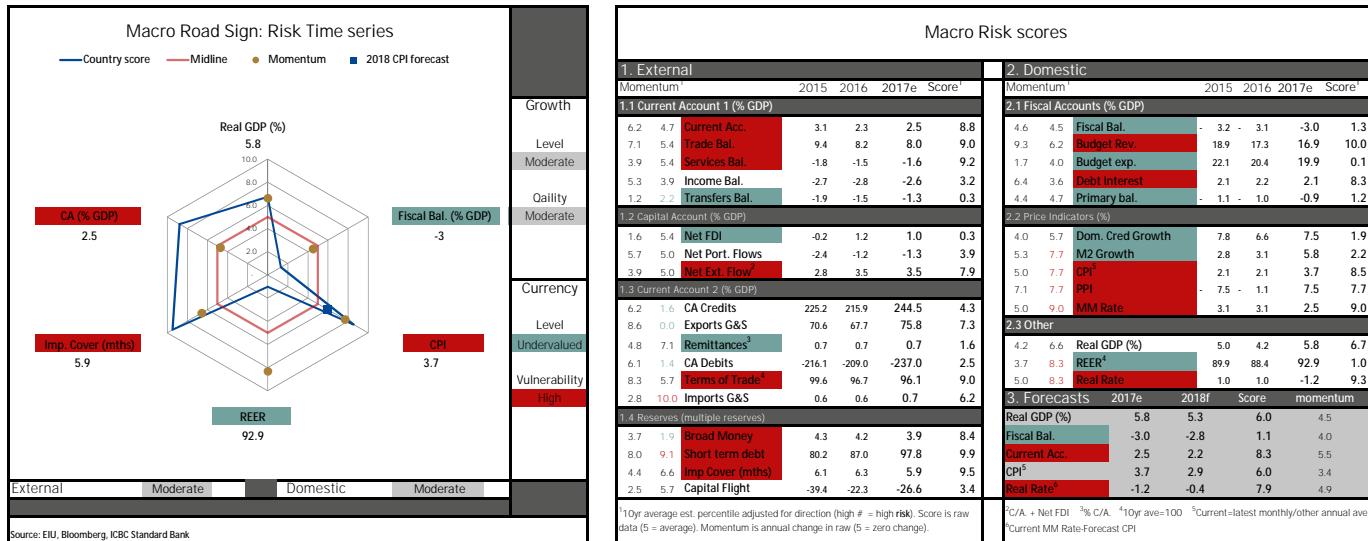


Comparative Analysis (Cross Section)



Malaysia

Risk Analysis (Time Series)



Mongolia

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

Macro Road Sign: Risk Time series				Macro Risk scores			
<p>Legend: Country score (blue line), Midline (red line), Momentum (brown dots), 2018 CPI forecast (dark blue square).</p>				Growth	Level	Moderate	
CA (% GDP)	-3.8			Moderate	Quality	Moderate	
Real GDP (%)	5.2			Currency	Level		
Imp. Cover (mths)	3.7			Undervalued	Vulnerability	Moderate	
Fiscal Bal. (% GDP)	-10						
REER	91						
CPI	6.9						
Momentum	2.0						
Country score	2.0						
Midline	2.0						
2018 CPI forecast	2.0						
External	Moderate						
Domestic	Moderate						

Source: EIU, Bloomberg, ICBC Standard Bank.

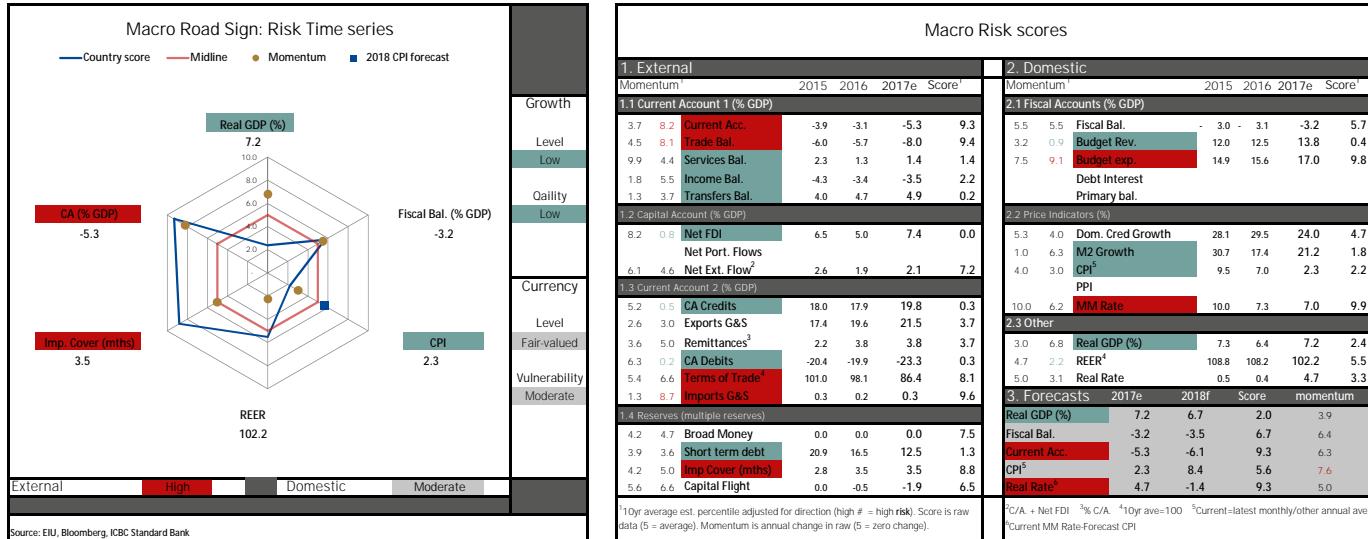
Macro Road Sign: Regional cross section				Comparative Analysis (Cross Section)			
<p>Legend: Country Score (blue line), Midline (red line), Momentum (brown dots), 2018 CPI Forecast (dark blue square).</p>				Raw: Bottom quartile			
CA (% GDP)	-3.8	Med 0.3		Top quartile			
Real GDP (%)	5.2	Med 5.5					
Imp. Cover (mths)	3.7	Med 8.1					
Fiscal Bal. (% GDP)	-10	Med -2.7					
REER	91	Med 105.1					
CPI	6.9	Med 2.3					
Momentum	2.0						
Country score	2.0						
Midline	2.0						
2018 CPI Forecast	2.0						

Competitiveness				Economic Structure																																																																											
<table border="1"> <thead> <tr> <th>Rank EM</th><th>2011</th><th>2016</th><th>Regional</th></tr> </thead> <tbody> <tr> <td>1.1 Aggregate</td><td></td><td></td><td></td></tr> <tr> <td>8 Global Comp. Index (1-7)</td><td>3.7</td><td>3.8</td><td>4.5</td></tr> <tr> <td>15 Ease of Business Index (1-10)</td><td>6.2</td><td>6.8</td><td>6.3</td></tr> <tr> <td>1.2 Institutions</td><td></td><td></td><td></td></tr> <tr> <td>7 Corruption Perce. Index (1-100)</td><td>36.0</td><td>38.0</td><td>33.0</td></tr> <tr> <td>38 Contract Enforcement (1-10)</td><td>7.2</td><td>5.8</td><td>5.7</td></tr> <tr> <td>2 Protecting minority investors</td><td>6.7</td><td>6.8</td><td>5.6</td></tr> <tr> <td>1.3 Infrastructure</td><td></td><td></td><td></td></tr> <tr> <td>17 Infrastructure Index (1-7)</td><td>2.3</td><td>3.3</td><td>3.9</td></tr> <tr> <td>4 Getting Electricity (1-10)</td><td>5.6</td><td>5.5</td><td>6.8</td></tr> <tr> <td>1.4 Human Capital and Innovation</td><td></td><td></td><td></td></tr> <tr> <td>3 Education (ave yrs for pop-25)</td><td>8.3</td><td>8.3</td><td>7.9</td></tr> <tr> <td>3 Internet users (% Pop)</td><td>13.1</td><td>27.0</td><td>39.7</td></tr> <tr> <td>19 Patents (applications/mm pop)</td><td>0.2</td><td>0.7</td><td>0.7</td></tr> <tr> <td>1.5 Health</td><td></td><td></td><td></td></tr> <tr> <td>4 Life expectancy (yrs)</td><td>66.6</td><td>67.5</td><td>74.4</td></tr> <tr> <td>6 Infant mortality (deaths/1,000)</td><td>33.5</td><td>26.4</td><td>19.0</td></tr> </tbody> </table>				Rank EM	2011	2016	Regional	1.1 Aggregate				8 Global Comp. Index (1-7)	3.7	3.8	4.5	15 Ease of Business Index (1-10)	6.2	6.8	6.3	1.2 Institutions				7 Corruption Perce. Index (1-100)	36.0	38.0	33.0	38 Contract Enforcement (1-10)	7.2	5.8	5.7	2 Protecting minority investors	6.7	6.8	5.6	1.3 Infrastructure				17 Infrastructure Index (1-7)	2.3	3.3	3.9	4 Getting Electricity (1-10)	5.6	5.5	6.8	1.4 Human Capital and Innovation				3 Education (ave yrs for pop-25)	8.3	8.3	7.9	3 Internet users (% Pop)	13.1	27.0	39.7	19 Patents (applications/mm pop)	0.2	0.7	0.7	1.5 Health				4 Life expectancy (yrs)	66.6	67.5	74.4	6 Infant mortality (deaths/1,000)	33.5	26.4	19.0	Median	Rank %		
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1.1 Aggregate				2017e	Regional	EM	EM																																																																								
8 Global Comp. Index (1-7)	3.7	3.8	4.5	11.1	309.7	66.3	0																																																																								
15 Ease of Business Index (1-10)	6.2	6.8	6.3	5.2	5.5	3.7	46																																																																								
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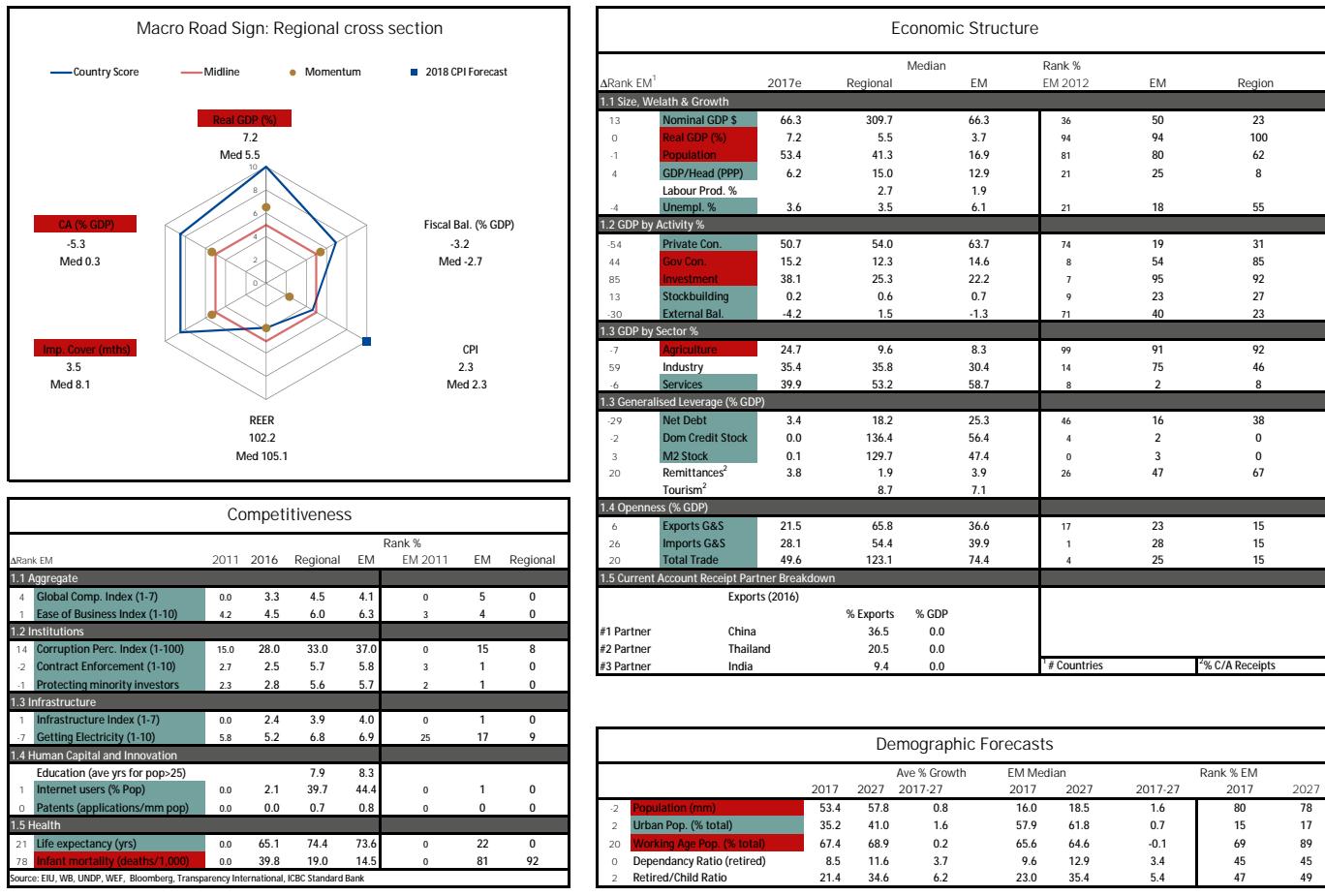
Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Myanmar

Risk Analysis (Time Series)

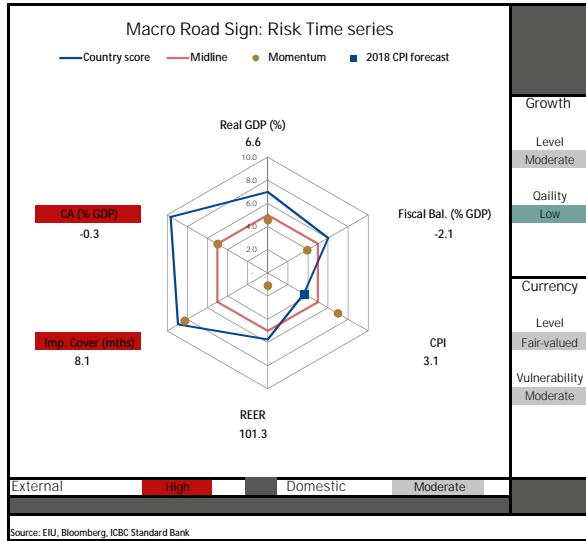


Comparative Analysis (Cross Section)



Philippines

Risk Analysis (Time Series)

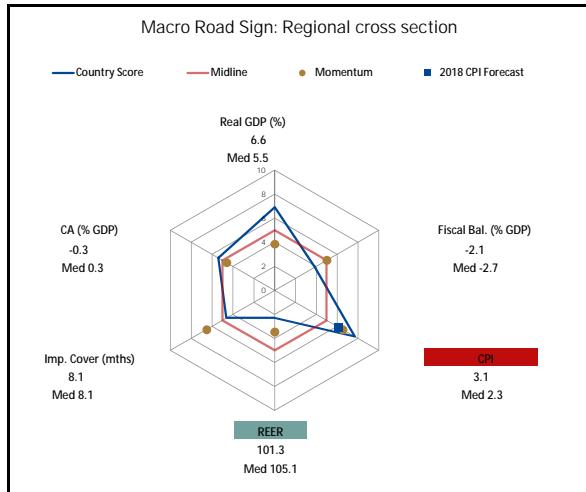


Macro Risk scores

1. External		2. Domestic				
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹	
8.6	5.0	Current Acc.	2.5	-0.3	-0.3	9.6
10.0	7.4	Trade Bal.	-8.0	-11.7	-12.8	9.9
3.5	3.4	Services Bal.	1.9	2.3	2.8	3.3
2.5	1.7	Income Bal.	0.6	0.8	1.1	0.2
3.4	2.9	Transfers Bal.	8.0	8.2	8.5	5.2
1.2 Capital Account (% GDP)						9.0
0.5	5.9	Net FDI	0.0	1.9	1.8	0.1
10.0	5.3	Net Port. Flows	-3.6	0.2	0.4	7.0
6.3	5.3	Net Ext. Flow ²	2.5	1.6	1.5	8.3
1.3 Current Account 2 (% GDP)						8.7
2.7	0.0	CA Credits	105.9	109.2	125.4	0.1
5.6	0.4	Exports G&S	28.4	28.1	32.7	4.8
4.2	8.8	Remittances ³	28.2	28.5	26.3	7.1
0.6	0.2	CA Debits	-98.6	-110.2	-126.5	0.0
8.9	0.0	Terms of Trade ⁴	97.4	95.3	100.2	4.7
0.8	9.5	Imports G&S	0.3	0.4	0.4	9.6
1.4 Reserves (multiple reserves)						6.1
7.7	8.0	Broad Money	2.2	2.4	2.6	9.8
4.4	8.7	Short term debt	18.7	18.0	23.0	9.4
8.2	8.3	Imp. Cover (mths)	10.7	9.4	8.1	8.9
0.8	6.9	Capital Flight	-12.7	-1.0	-5.6	5.6
1.5 Other						4.6
6.1	4.6	Real GDP %	6.6	6.9	6.6	7.0
2.7	1.1	REER ⁴	110.2	107.0	101.3	5.7
5.4	5.9	Real Rate	-0.0	-0.3	-1.0	4.4
2. Forecasts						2.3
Real GDP %	6.6	2017e	2018f	Score	momentum	Raw: Bottom quartile
Fiscal Bal.	-2.1					Top quartile
Current Acc.	-0.3					
CPI ⁵	3.1					
Real Rate ⁶	-1.0					

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI ³% C/A ⁴10yr ave=100 ⁵current=latest monthly/other annual ave.
⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)



Economic Structure

ARank EM ¹	2017e	Median	Rank %				
	Regional	EM	EM 2012	EM	Region		
1.1 Size, Wealth & Growth							
7	Nominal GDP \$	313.7	309.7	66.3	71	78	54
45	Real GDP (%)	6.6	5.5	3.7	42	88	69
-1	Population	104.9	41.3	16.9	91	90	85
3	GDP/Head (PPP)	8.3	15.0	12.9	30	33	31
30	Labour Prod. %	4.2	2.7	1.9	60	91	78
-8	Unempl. %	6.1	3.5	6.1	57	49	100
1.2 GDP by Activity %							
-1	Private Con.	72.8	54.0	63.7	75	74	92
2	Gov Con.	11.1	12.3	14.6	16	18	31
40	Investment	25.2	25.3	22.2	25	67	46
0	Stockbuilding	-0.2	0.6	0.7	7	7	0
-32	External Bal.	-8.9	1.5	-1.3	55	22	8
1.3 GDP by Sector %							
-10	Agriculture	9.6	9.6	8.3	65	54	50
-3	Industry	31.0	35.8	30.4	56	53	23
7	Services	59.4	53.2	58.7	46	54	77
1.3 Generalised Leverage (% GDP)							
-30	Net Debt	-0.8	18.2	25.3	41	10	23
7	Dom Credit Stock	66.7	136.4	56.4	57	64	31
6	M2 Stock	66.4	129.7	47.4	64	71	31
-5	Remittances ²	26.3	1.9	3.9	90	86	100
	Tourism ²	8.7	7.1		50		
1.4 Openness (% GDP)							
1	Exports G&S	32.7	65.8	36.6	46	47	31
6	Imports G&S	41.7	54.4	39.9	46	52	38
0	Total Trade	74.4	123.1	74.4	41	50	31
1.5 Current Account Receipt Partner Breakdown							
		% Exports	% GDP				
#1 Partner	China	22.5	0.0				
#2 Partner	United States	13.1	0.0				
#3 Partner	Japan	11.8	0.0	# Countries	% C/A Receipts		

Demographic Forecasts

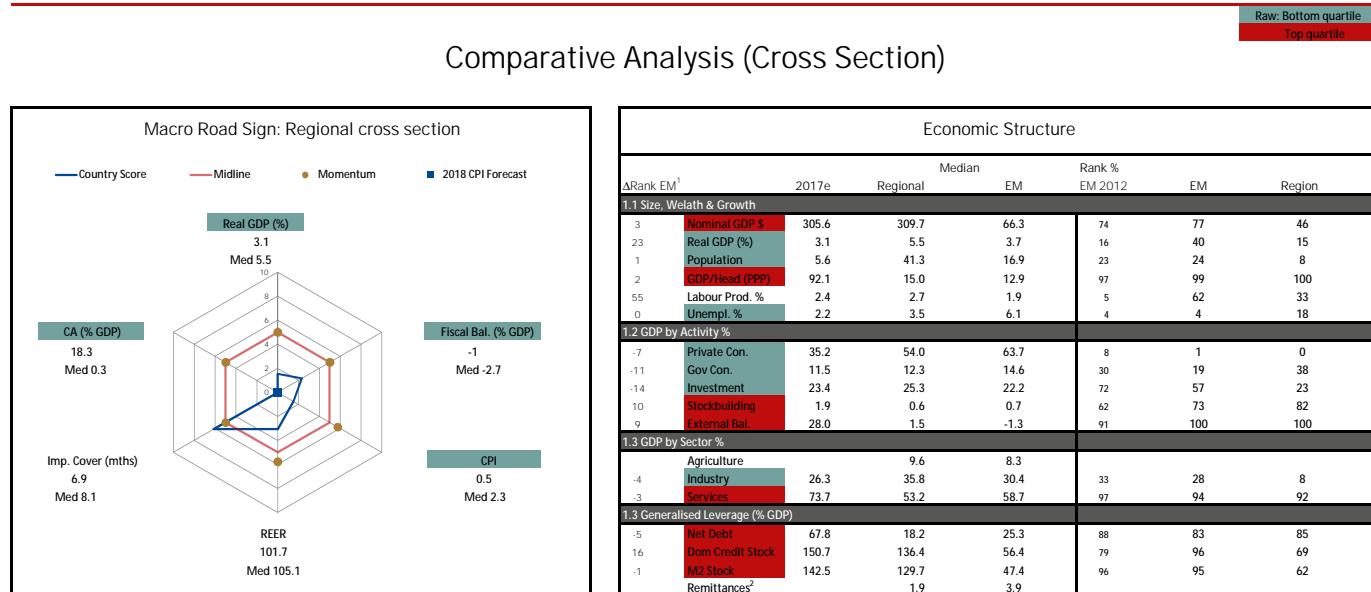
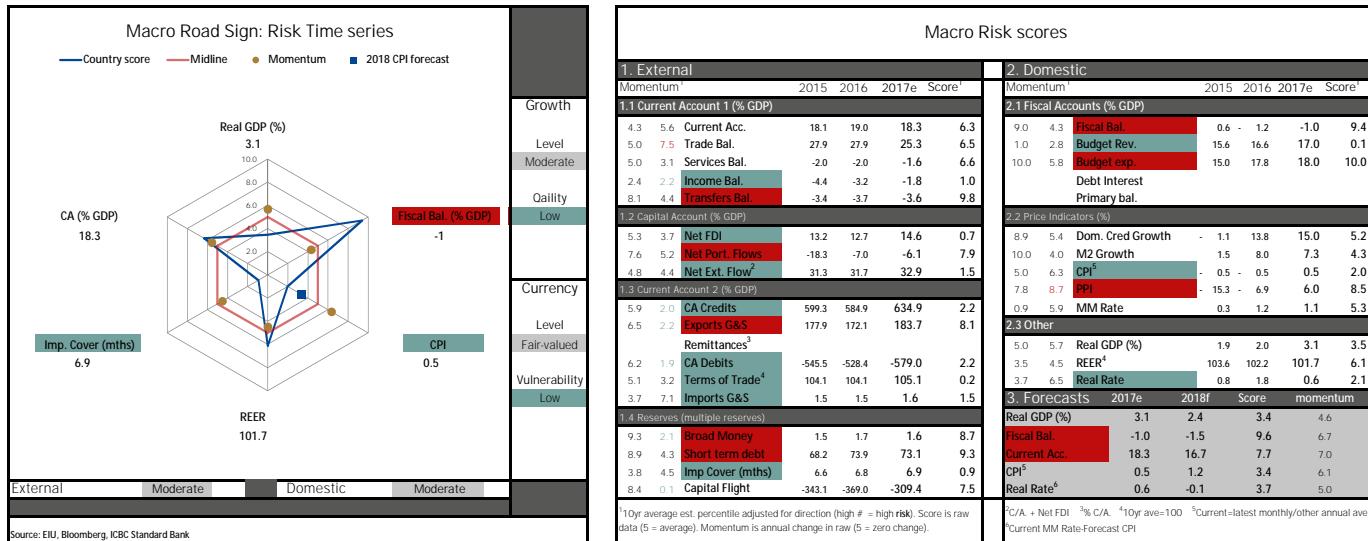
	Ave % Growth	EM Median	Rank %						
	2017	2027	2017-27	2017	2027				
0	Population (mm)	104.9	120.8	1.5	16.0	18.5	1.6	89	89
-4	Urban Pop. (% total)	44.2	45.4	0.3	57.9	61.8	0.7	27	22
20	Working Age Pop. (% total)	63.5	64.4	0.1	65.6	64.6	-0.1	29	49
-1	Dependency Ratio (retired)	7.6	9.7	2.8	9.6	12.9	3.4	37	36
-8	Retired/Child Ratio	15.1	21.4	4.1	23.0	35.4	5.4	37	29

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Singapore

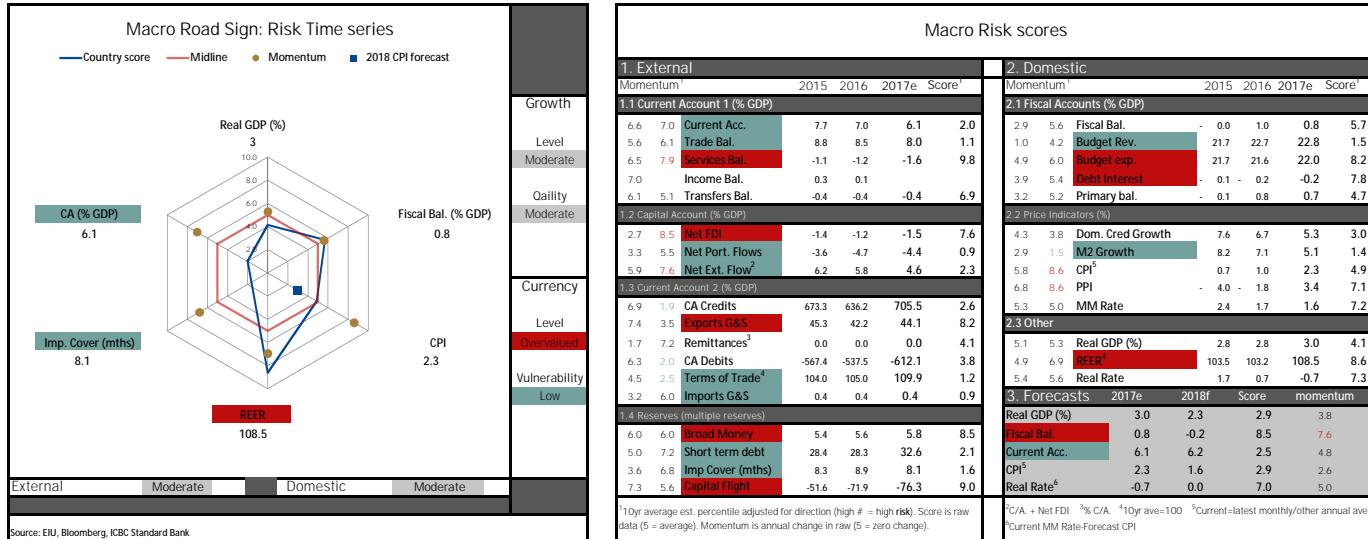
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

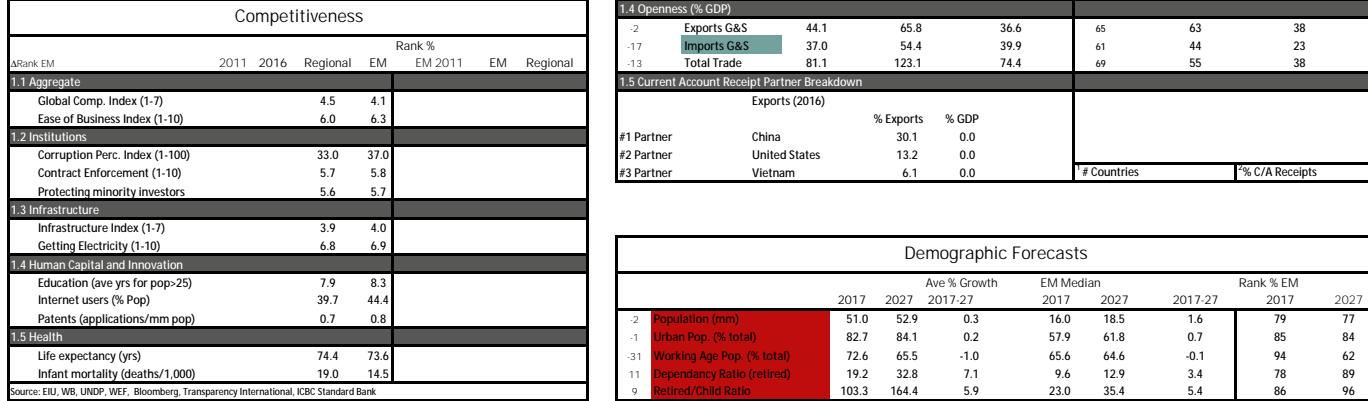
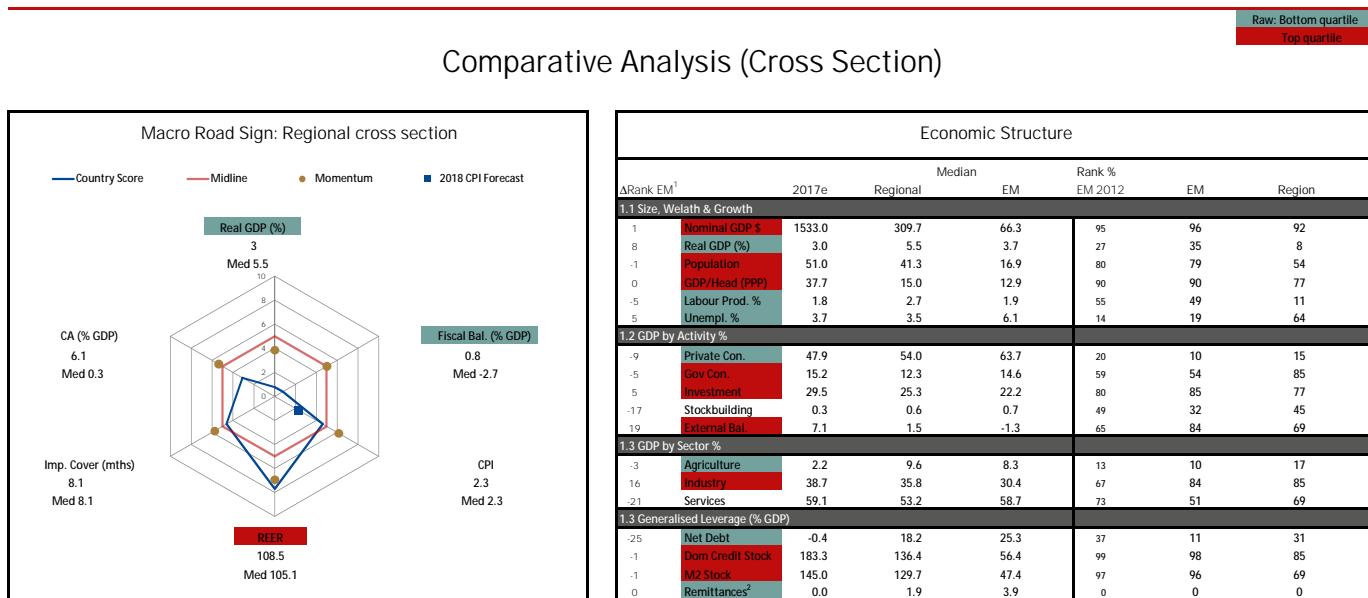


South Korea

Risk Analysis (Time Series)



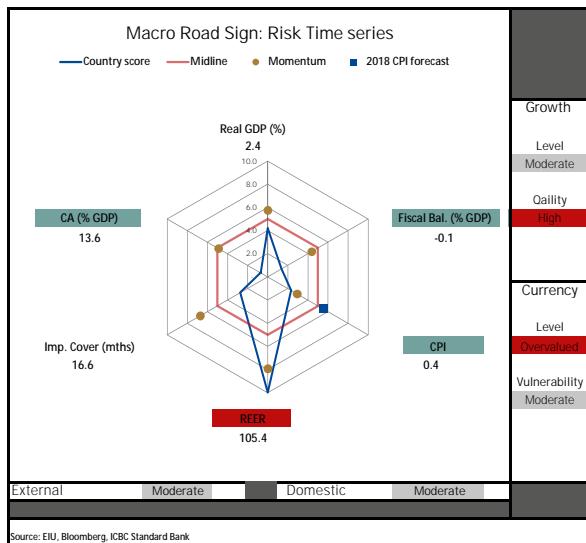
10yr History: Bottom quartile / low risk
Top quartile / high risk



Taiwan

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

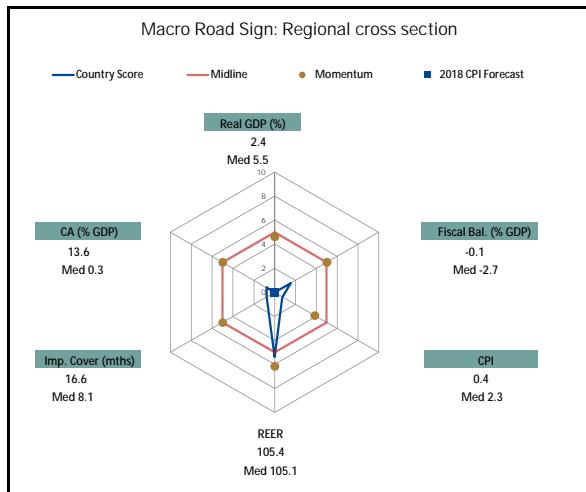


Macro Risk scores

1. External		2. Domestic			
Momentum ¹	Score ¹	Momentum ¹	Score ¹	Momentum ¹	Score ¹
1.1 Current Account 1 (% GDP)		2015	2016	2017e	Score ¹
6.5 4.9 Current Acc.	14.3	13.6	13.6	0.7	
6.3 3.8 Trade Bal.	13.9	13.3	13.8	0.4	
6.0 5.9 Services Bal.	-1.9	-2.1	-2.2	2.7	
5.8 8.6 Income Bal.	3.0	3.0	2.6	8.0	
3.5 5.3 Transfers Bal.	-0.6	-0.6	-0.6	3.7	
1.2 Capital Account (% GDP)					
1.5 5.0 Net FDI	-2.3	-1.6	-1.6	4.1	
1.2 9.6 Net Port. Flows	-10.5	-14.5	-8.8	3.6	
5.1 4.9 Net Ext. Flow ²	12.0	11.9	12.0	0.6	
1.3 Current Account 2 (% GDP)					
7.2 1.3 CA Credits	413.5	387.9	440.1	1.7	
6.1 2.3 Exports G&S	64.3	62.8	66.7	6.4	
3.2 7.7 Remittances ³	0.1	0.1	0.1	6.1	
6.7 1.8 CA Debts	-338.4	-316.0	-361.8	2.9	
4.7 6.4 Terms of Trade ⁴	105.3	105.7	103.7	2.8	
4.6 6.8 Imports G&S	0.5	0.5	0.5	1.6	
1.4 Reserves (multiple reserves)					
5.2 7.3 Broad Money	2.9	2.9	3.0	9.3	
7.2 8.7 Short term debt	33.6	36.5	41.9	9.7	
3.1 6.7 Imp. Cover (mths)	16.4	18.0	16.6	2.7	
8.6 6.2 Capital Flight	-35.8	48.5	-77.6	9.4	
1.5 Other					
5.5 5.7 Real GDP (%)	0.8	1.4	2.4	4.2	
9.4 7.9 REER ⁵	98.0	103.0	105.4	10.0	
8.1 3.8 Real Rate	2.2	0.4	1.0	4.6	
3. Forecasts	2017e	2018f	Score	momentum	
Real GDP (%)	2.4	1.5	3.6	4.3	
Fiscal Bal.	-0.1	-0.9	3.3	7.2	
Current Acc.	13.6	13.0	1.8	6.3	
CPI ⁶	0.4	1.2	5.5	6.7	
Real Rate ⁷	1.0	0.2	7.6	5.1	

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI + % C/A. *10yr ave=100. ³Current=latest monthly/other annual ave.
⁴Current MM Rate-Forecast CPI. ⁵Current CPI.

Comparative Analysis (Cross Section)



Economic Structure

ARank EM ¹	2017e	Median		Rank %	
		Regional	EM	EM	Region
1.1 Size, Wealth & Growth					
0 Nominal GDP \$	578.0	309.7	66.3	90	90
18 Real GDP (%)	2.4	5.5	3.7	8	27
-4 Population	23.5	41.3	16.9	63	58
1 GDP/Head (PPP)	50.0	15.0	12.9	92	93
-4 Labour Prod. %	1.6	2.7	1.9	27	42
-4 Unempl. %	3.8	3.5	6.1	24	21
1.2 GDP by Activity %					
-3 Private Con.	52.5	54.0	63.7	26	23
-13 Gov Con.	14.1	12.3	14.6	60	47
-9 Investment	20.5	25.3	22.2	44	34
-9 Stockbuilding	0.6	0.7	0.7	40	
-16 External Bal.	12.9	1.5	-1.3	78	95
1.3 GDP by Sector %					
2 Agriculture	1.8	9.6	8.3	5	7
26 Industry	36.5	35.8	30.4	51	78
-21 Services	61.7	53.2	58.7	86	64
1.3 Generalised Leverage (% GDP)					
-2 Net Debt	-44.9	18.2	25.3	4	2
-3 Dom Credit Stock	147.6	136.4	56.4	98	95
0 M2 Stock	242.7	129.7	47.4	99	99
0 Remittances ²	0.1	1.9	3.9	4	4
10 Tourism ²	3.2	8.7	7.1	8	19
1.4 Openness (% GDP)					
-2 Exports G&S	66.7	65.8	36.6	86	84
-5 Imports G&S	53.8	54.4	39.9	77	72
-6 Total Trade	120.5	123.1	74.4	86	80
1.5 Current Account Receipt Partner Breakdown					
		Exports (2016)	% Exports	% GDP	
#1 Partner					
#2 Partner					
#3 Partner			# Countries	% C/A Receipts	

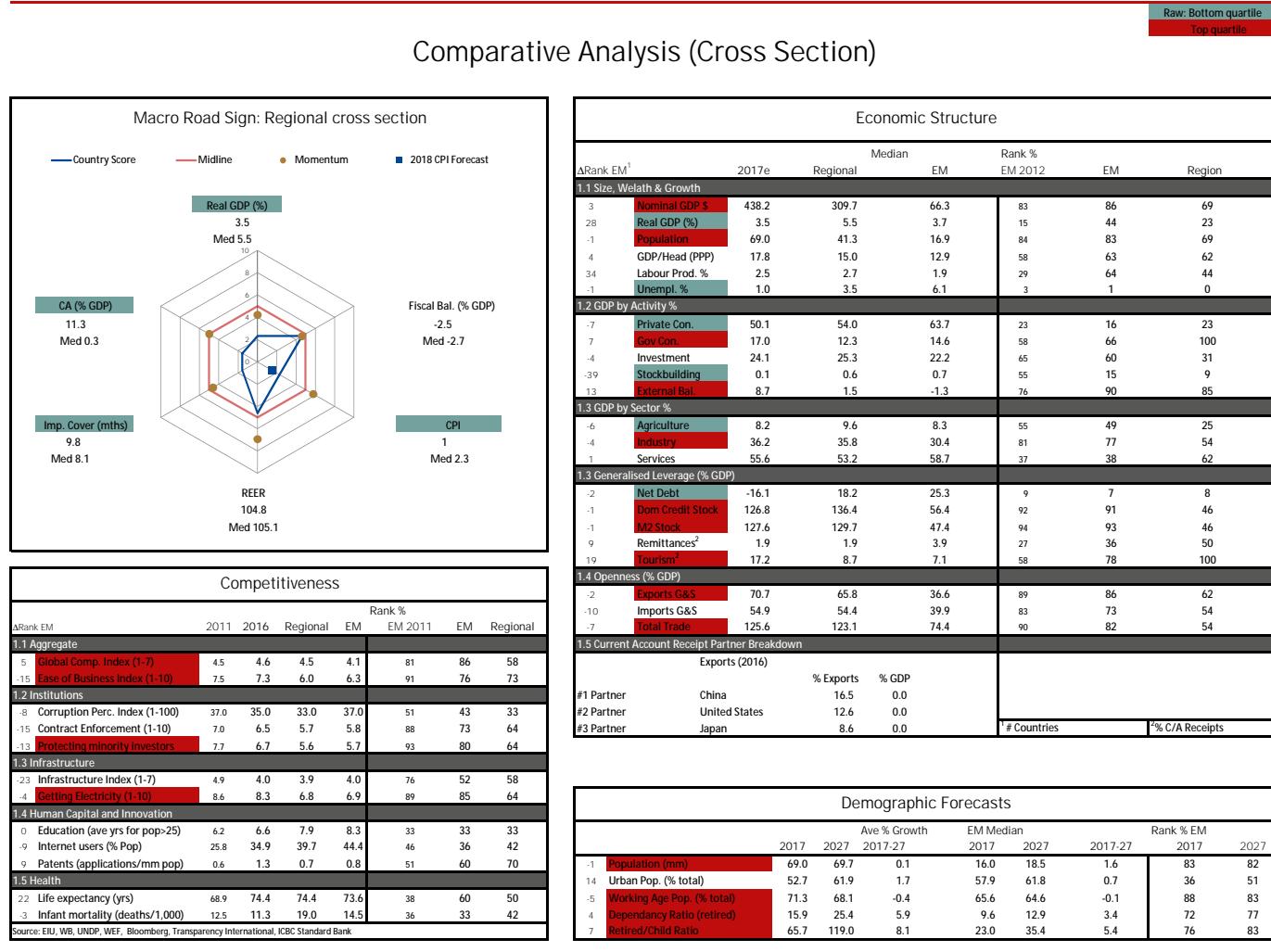
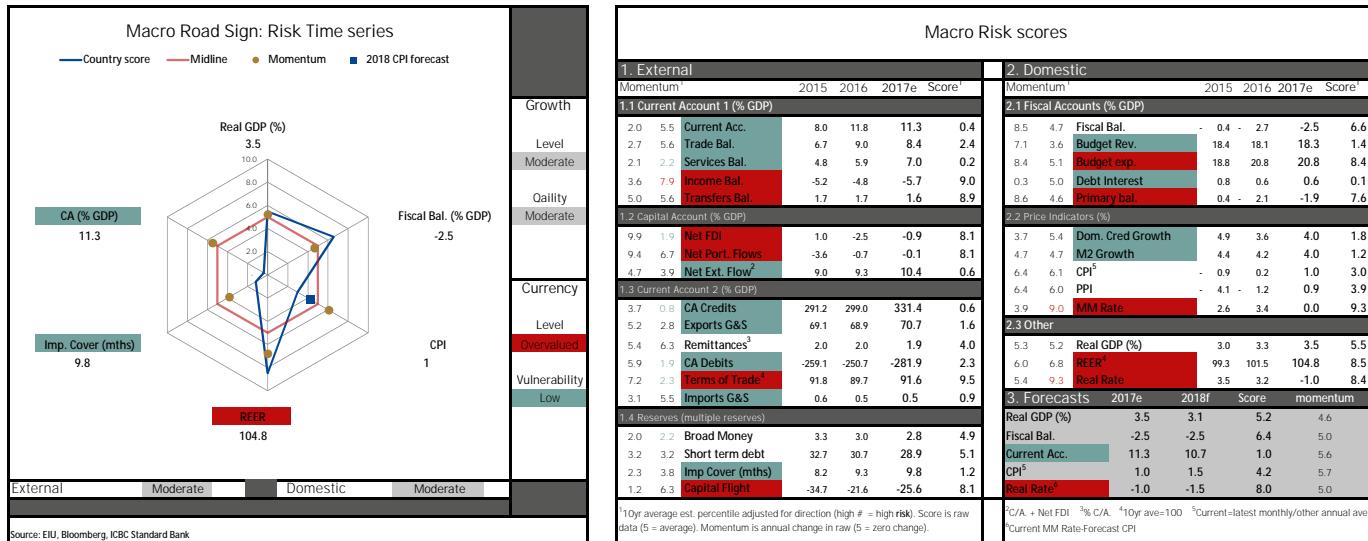
Demographic Forecasts

	Ave % Growth		EM Median		Rank % EM		
	2017	2027	2017-27	2017	2027	2017	2027
Population (mm)	23.5			16.0	18.5	1.6	
Urban Pop. (% total)				57.9	61.8	0.7	
Working Age Pop. (% total)				65.6	64.6	-0.1	
Dependency Ratio (retired)				9.6	12.9	3.4	
Retired/Child Ratio				23.0	35.4	5.4	

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

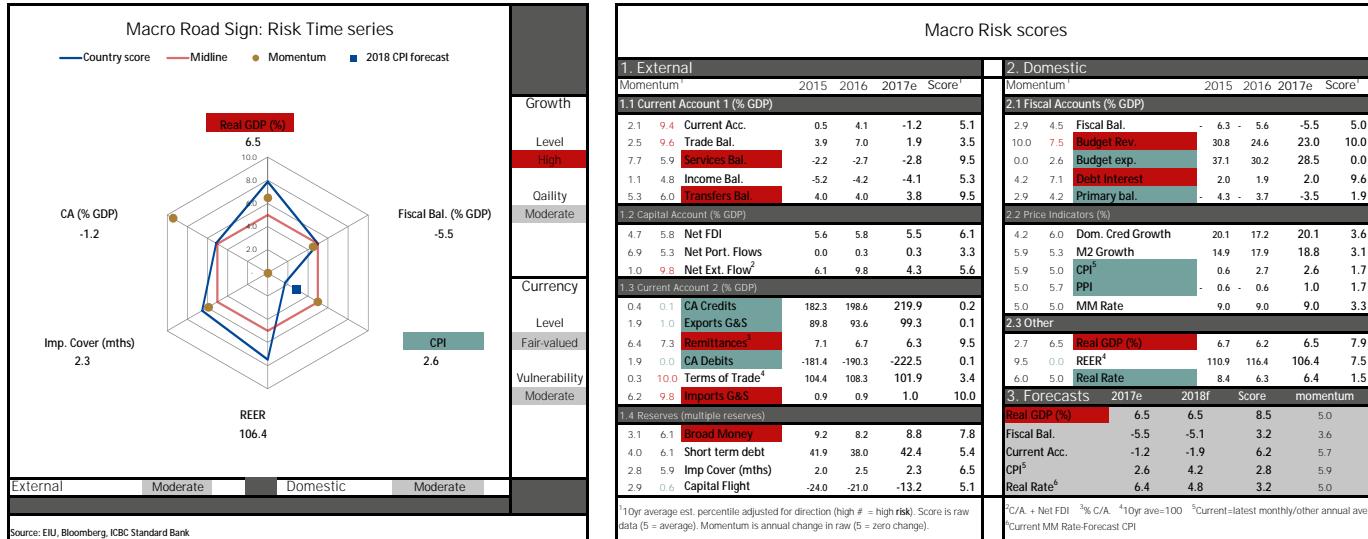
Thailand

Risk Analysis (Time Series)

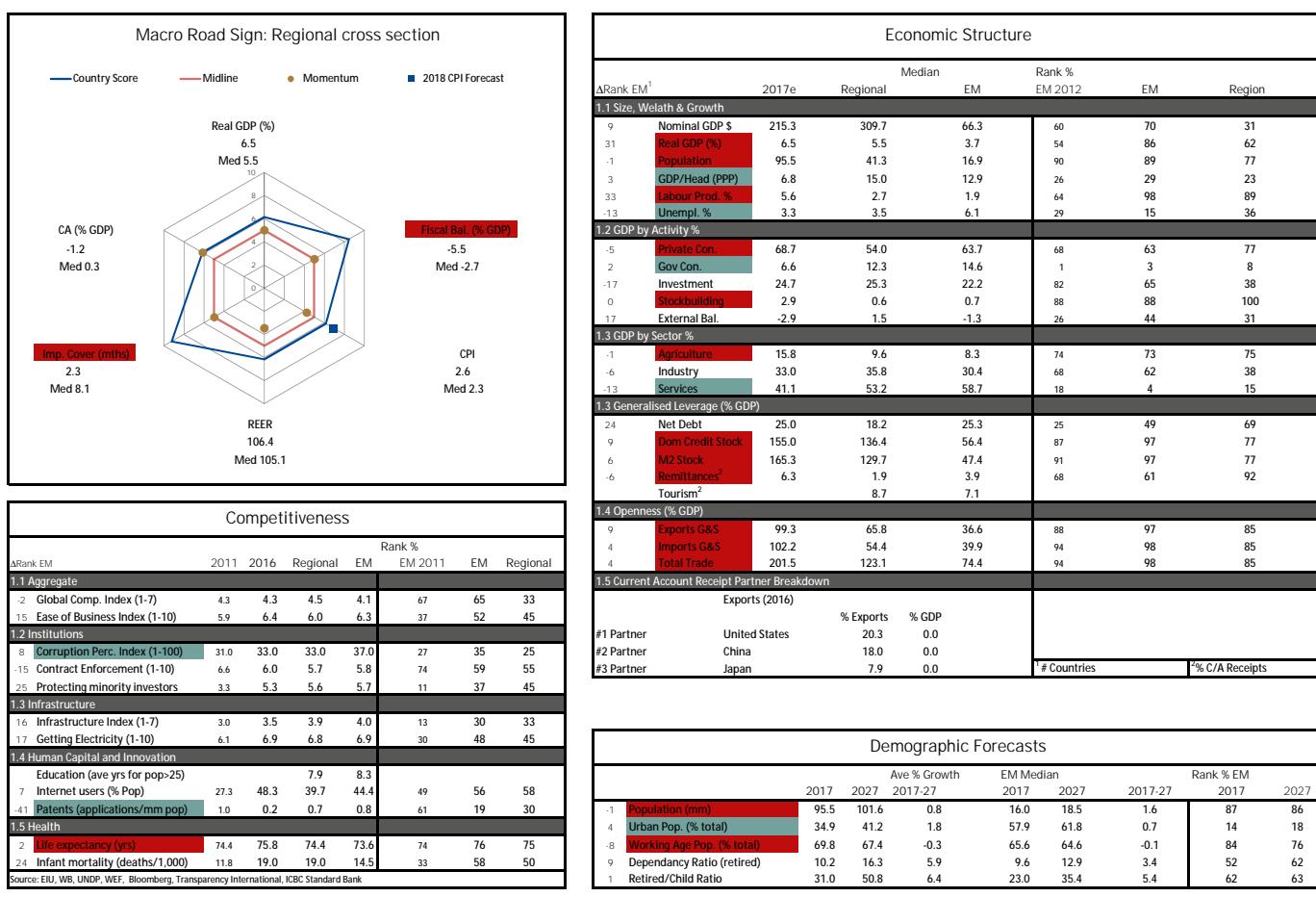


Vietnam

Risk Analysis (Time Series)



Comparative Analysis (Cross Section)

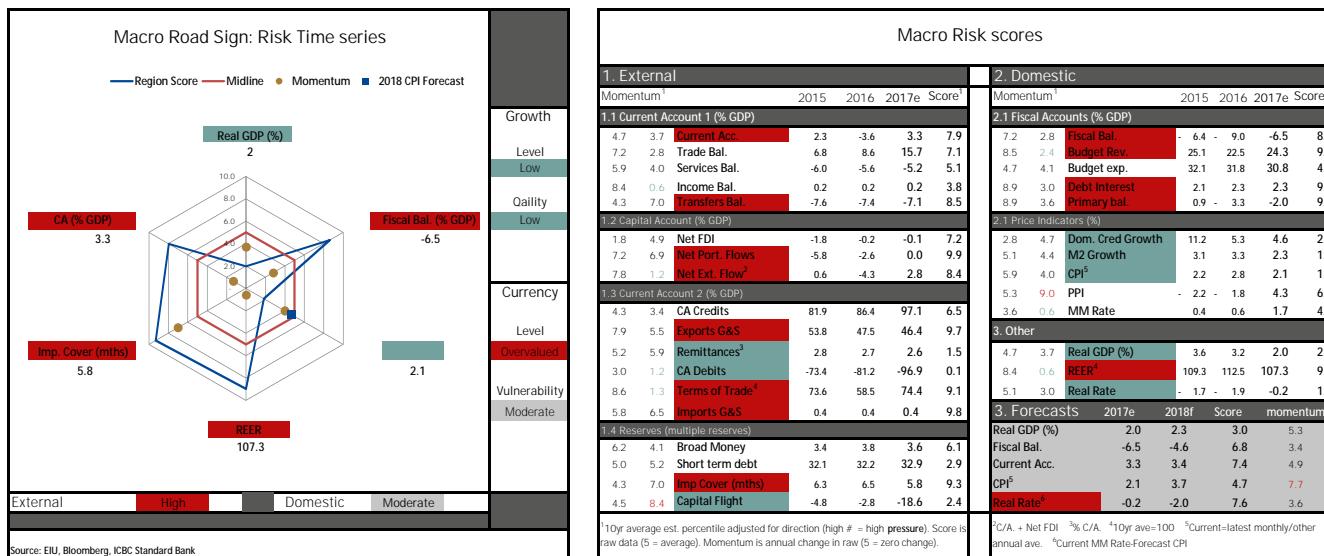


Gulf

Gulf

10yr History: Bottom quartile / low risk
Top quartile / high risk

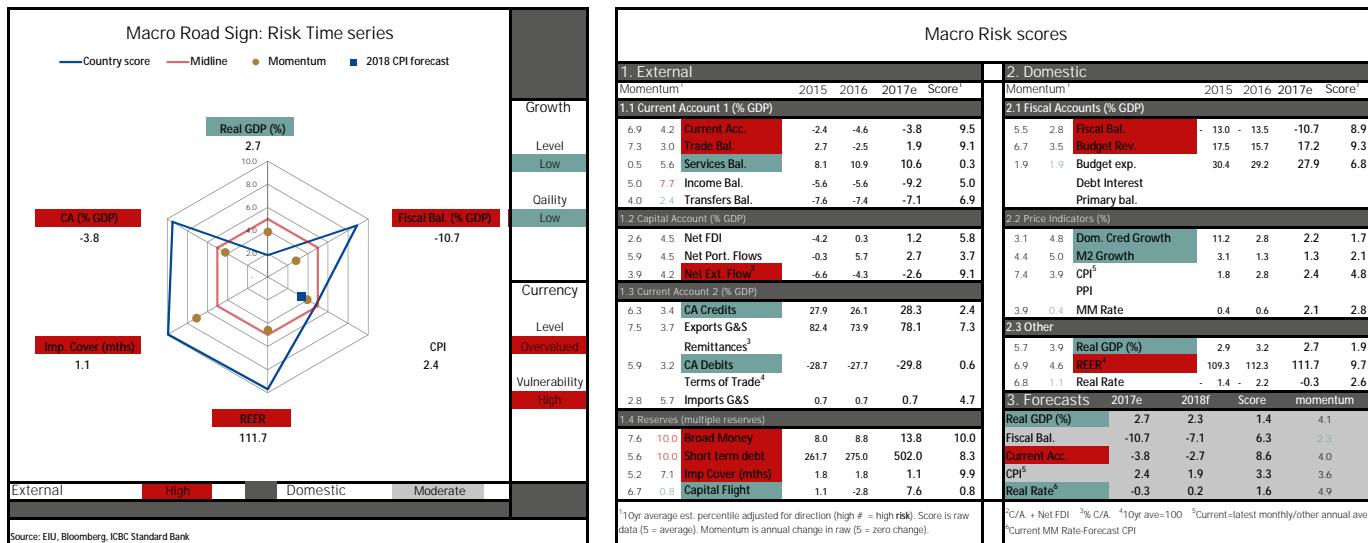
Risk Analysis (Time Series)



Bahrain

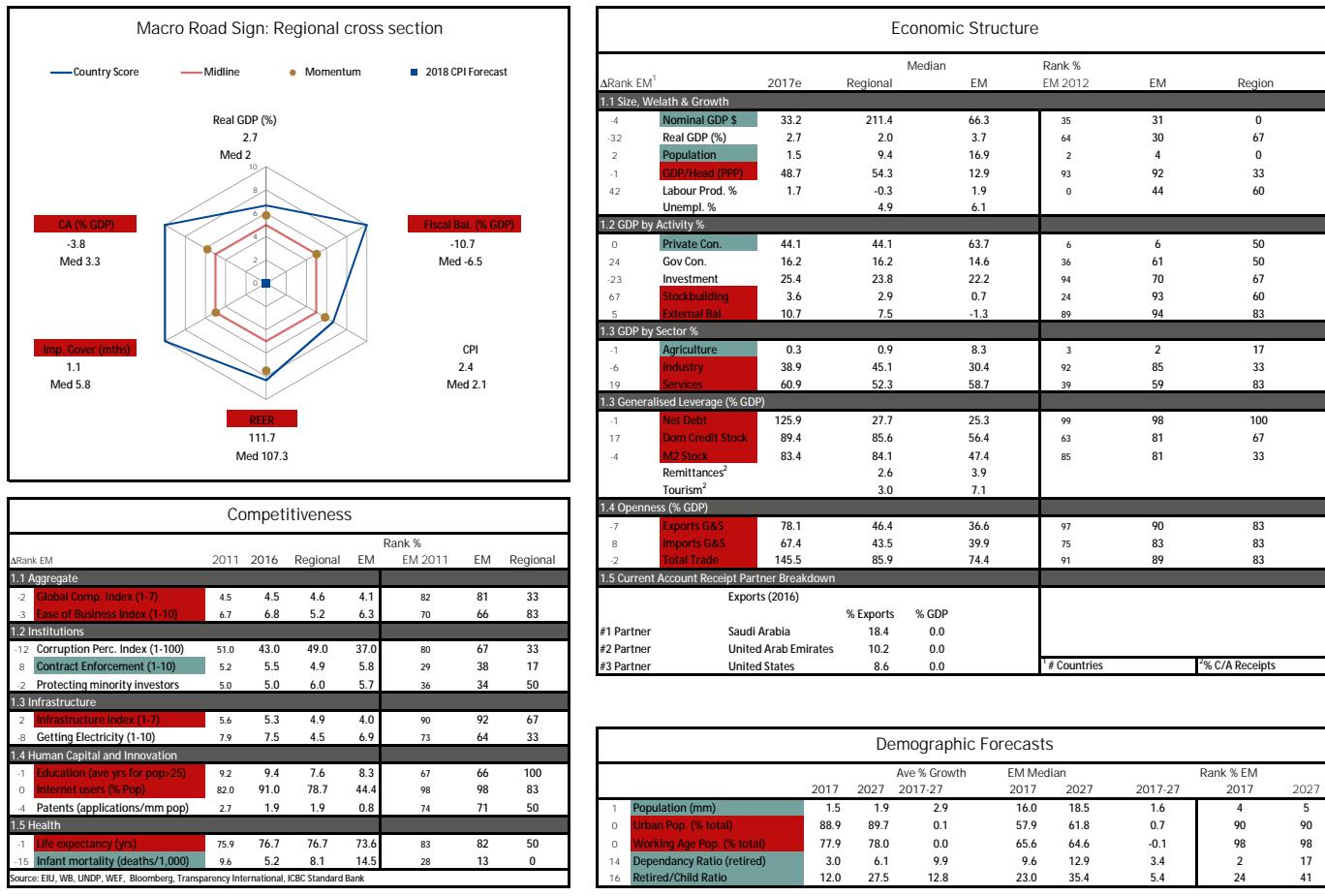
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

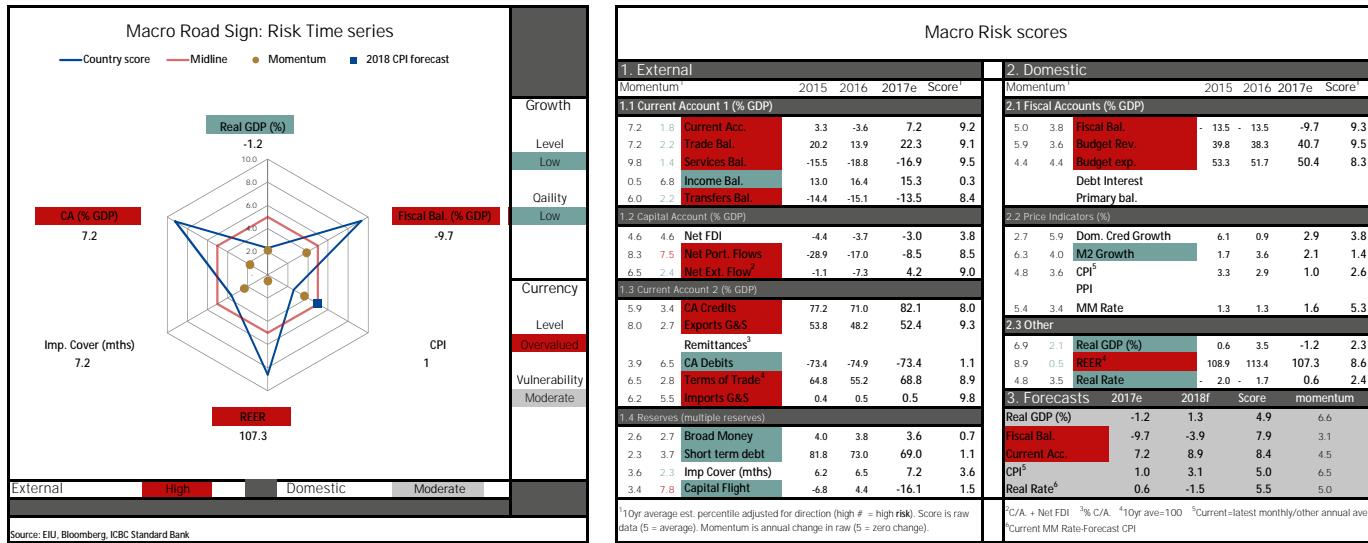
Raw: Bottom quartile
Top quartile



Kuwait

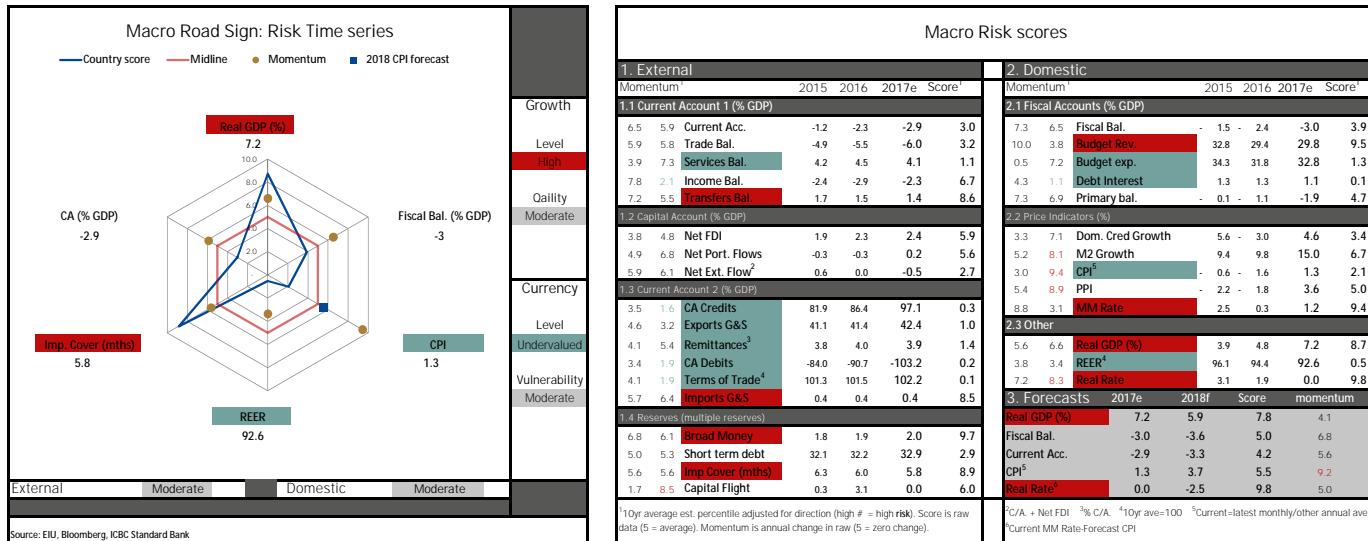
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

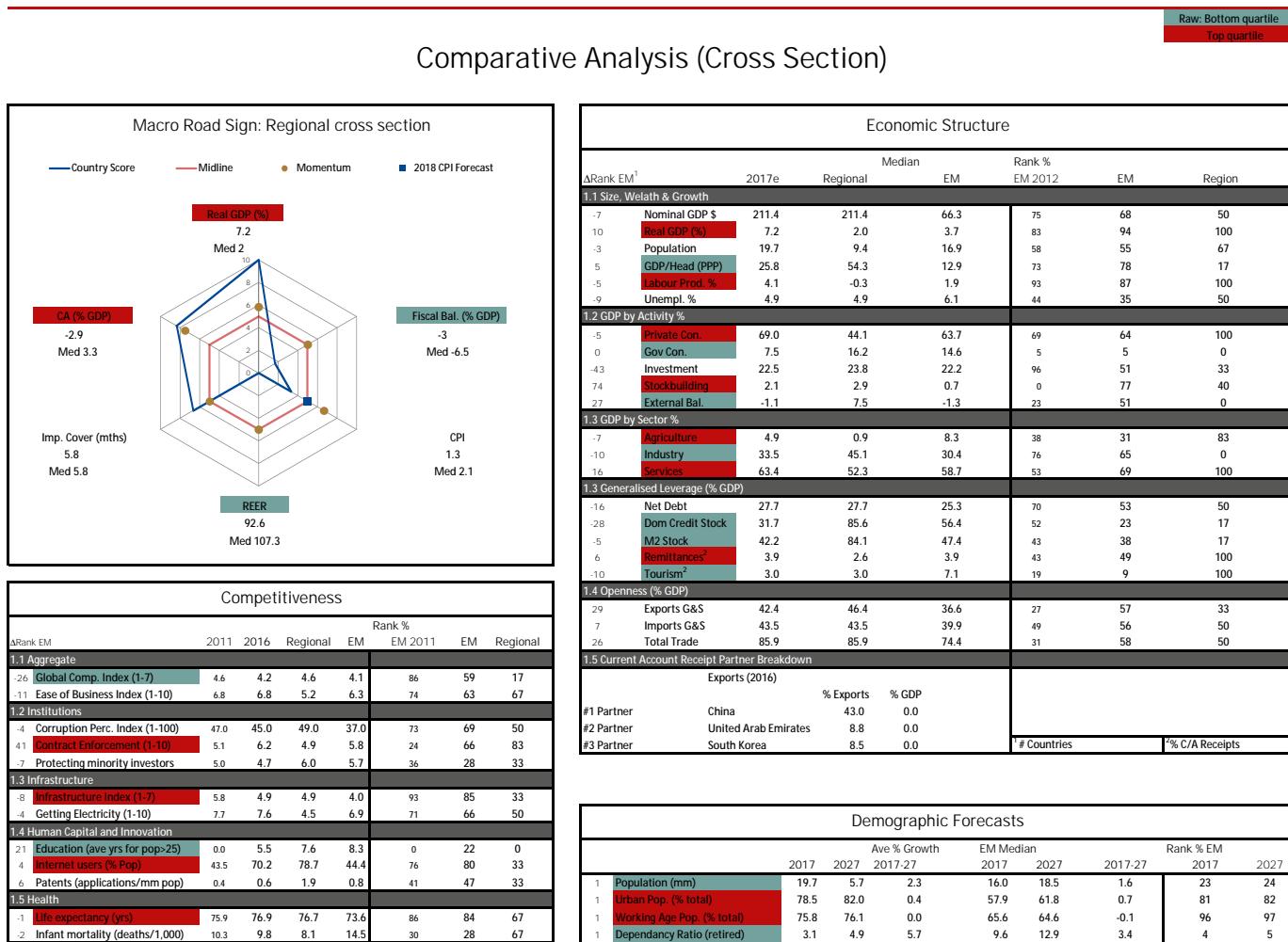


Oman

Risk Analysis (Time Series)

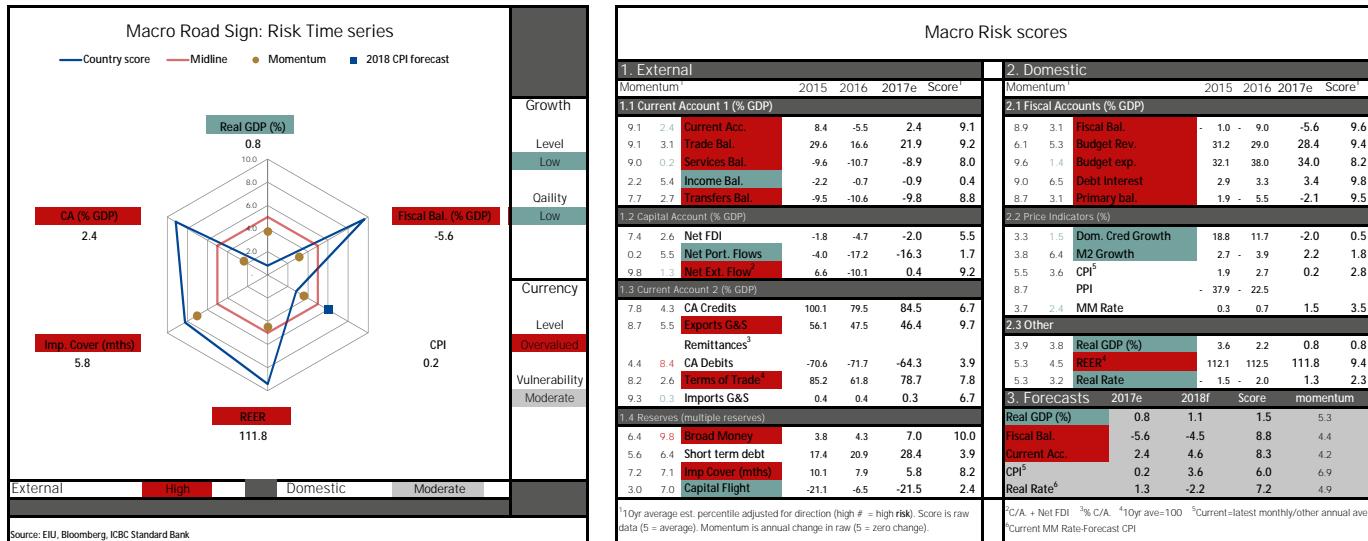


10yr History: Bottom quartile / low risk
Top quartile / high risk



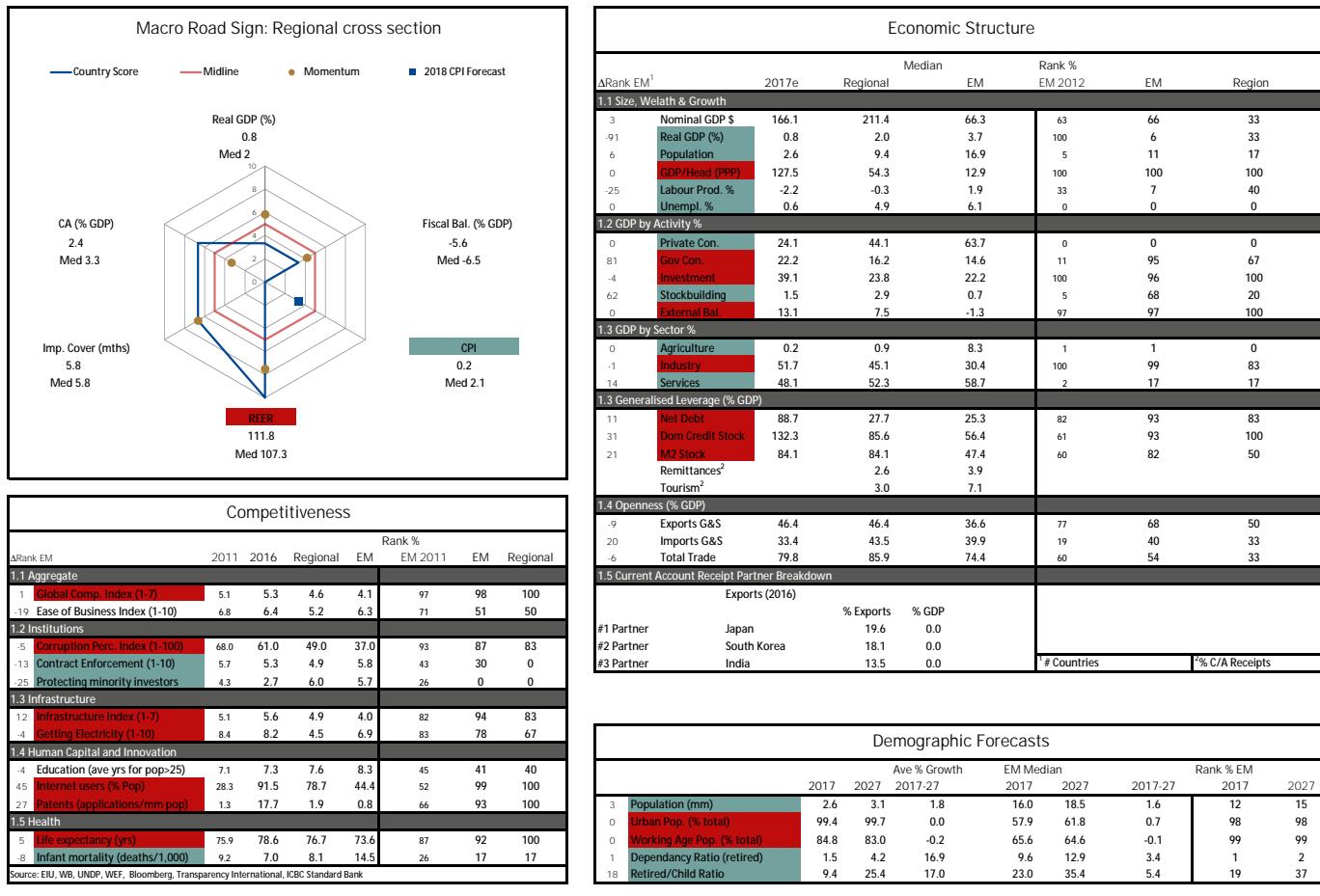
Qatar

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

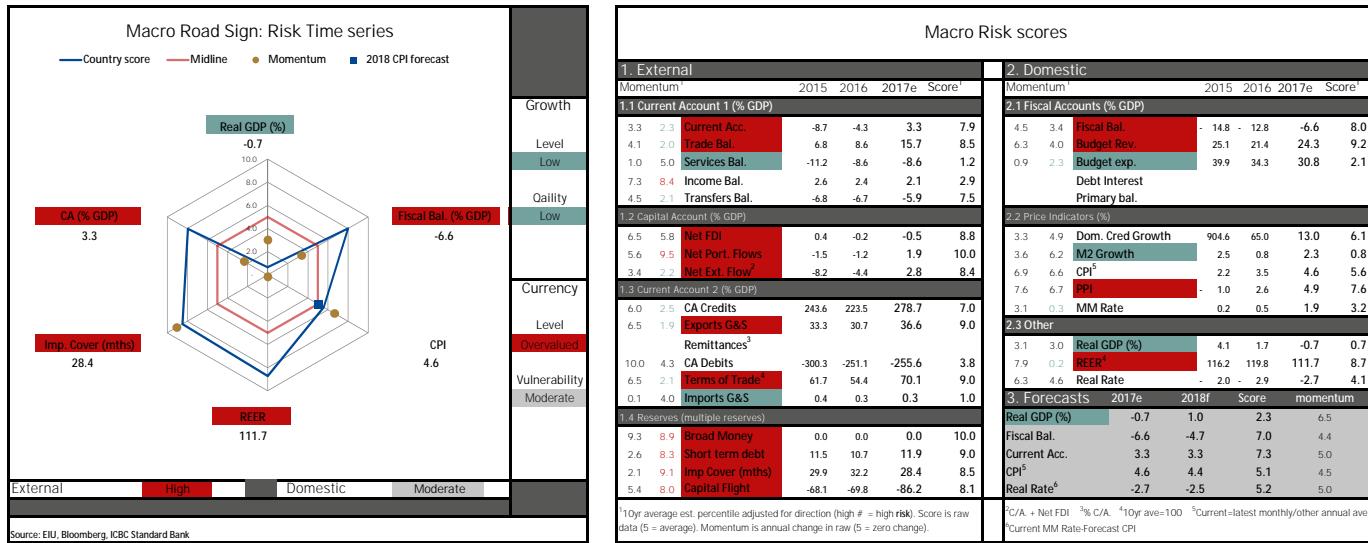
Comparative Analysis (Cross Section)



Saudi Arabia

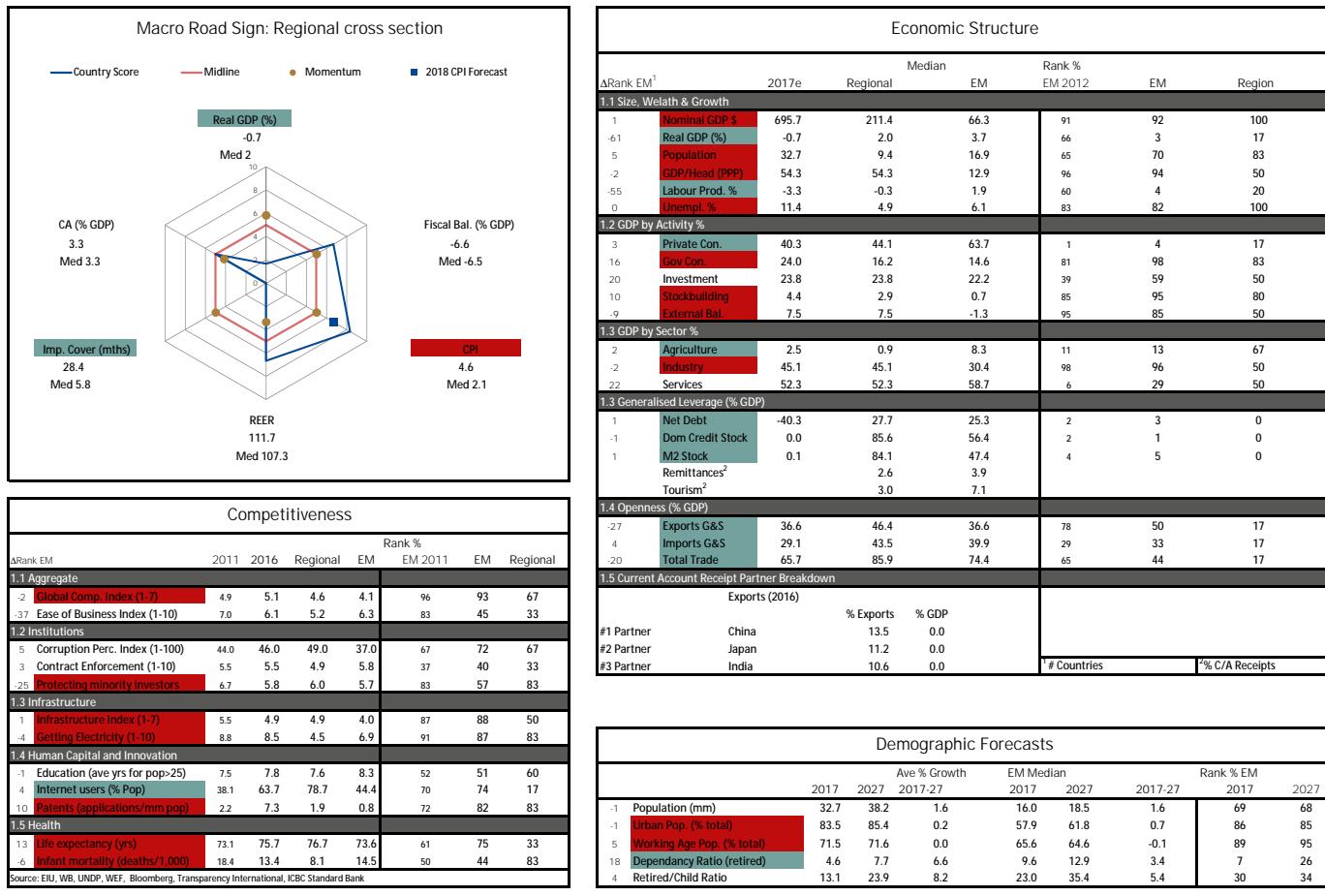
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

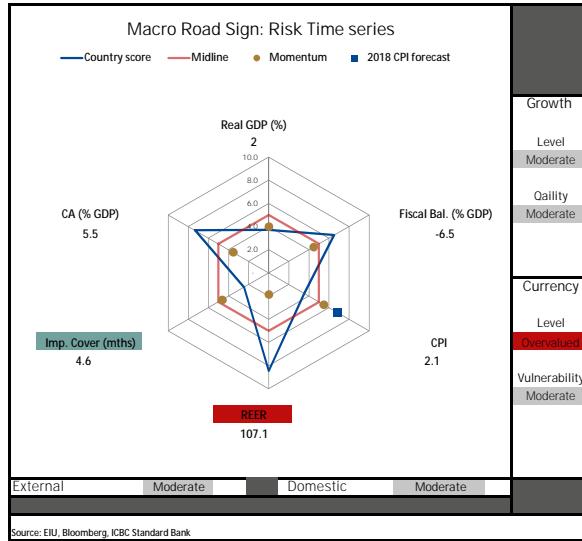
Raw: Bottom quartile
Top quartile



United Arab Emirates

Risk Analysis (Time Series)

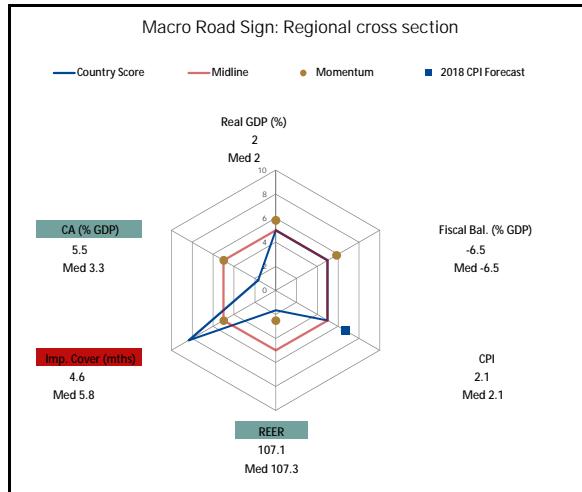
10yr History: Bottom quartile / low risk
Top quartile / high risk



Macro Risk scores									
1. External									
Momentum ¹		2015	2016	2017e	Score ¹	2. Domestic			
1. Current Account 1 (% GDP)									Score ¹
5.9	3.6	Current Acc.	4.8	3.3	5.5	7.3	Momentum ¹		
6.0	4.1	Trade Bal.	21.4	19.6	21.0	6.7	5.6	4.5	Fiscal Bal.
4.0	4.1	Services Bal.	-6.0	-5.6	-5.2	0.4	5.6	5.1	Budget Rev.
4.5	7.1	Income Bal.	0.5	0.6	0.2	7.1	5.3	4.2	Budget exp.
5.6	3.1	Transfers Bal.	-11.1	-11.3	-10.5	9.4	Debt Interest		Primary bal.
1.2 Capital Account (% GDP)									Score ¹
2.2	1.5	Net FDI	-2.2	-1.3	-0.1	5.6	2.1 Fiscal Accounts (% GDP)		
5.3	4.9	Net Port. Flows	-1.4	-0.7	-0.9	7.8	5.6	5.1	CA
5.4	2.8	Net Ext. Flow ²	2.6	2.0	5.4	7.3	5.3	4.2	Net Exports
1.3 Current Account 2 (% GDP)									Score ¹
4.6	2.8	CA Credits	376.7	380.8	406.4	1.5	2.2 Price Indicators (%)		
2.3	4.3	Exports G&S	100.4	103.8	104.7	1.0	4.1	5.2	Dom. Cred Growth
Remittances ³									8.1
3.7	2.8	CA Debts	-319.8	-329.7	-344.9	0.8	4.3	5.4	M2 Growth
4.7	3.5	Terms of Trade ⁴	82.4	83.2	86.9	9.1	2.5	5.5	CPI ⁵
8.9	0.2	Imports G&S	1.0	1.0	1.0	9.1	PPI		4.1
1.4 Reserves (multiple reserves)									1.7
6.1	4.8	Broad Money	3.4	3.9	3.8	2.6	3.9	0.3	MM Rate
5.8	4.6	Short term debt	68.4	76.6	73.1	1.5	2.3 Other		0.2
6.1	4.6	Imp Cover (mths)	5.0	4.5	4.6	2.5	4.3	4.0	Real GDP (%)
7.7	5.4	Capital Flight	-3.4	-32.6	-36.4	4.2	6.7	1.9	REER ⁶
10Y avg year est, percentile adjusted for direction (high # = high risk). Scores is raw data (5 = average). Momentum is annual change in raw (5 = zero change).									3.8
									3.0
									2.0
									3.3
									8.4
									2.3
									-0.3
3. Forecasts		2017e		2018f		Score		momentum	
Real GDP (%)		2017e		2018f		Score		momentum	
Fiscal Bal.		2017e		2018f		Score		momentum	
Current Acc.		2017e		2018f		Score		momentum	
CPI ⁵		2017e		2018f		Score		momentum	
Real Rate ⁸		2017e		2018f		Score		momentum	
CA / Net FDI - % CA / Net FDI		2017e		2018f		Score		momentum	
10Y ave=100		2017e		2018f		Score		momentum	
Current MM Rate-Forecast CPI		2017e		2018f		Score		momentum	

Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)



Economic Structure						
ΔRank EM ¹	2017e	Regional	Median	Rank % EM 2012	EM	Region
1.1 Size, Wealth & Growth						
-2	M ² Nominal GDP \$	384.1	211.4	66.3	85	83
-11	Real GDP (%)	2.0	2.0	3.7	32	21
7	Population	9.4	9.4	16.9	31	39
0	GDP/Head (PPP)	74.2	54.3	12.9	98	98
	Labour Prod.	-0.3		1.9		
	Unempl. %	4.9		6.1		
1.2 GDP by Activity %						
-31	Private Con.	55.1	44.1	63.7	59	27
31	Gov Con.	13.0	16.2	14.6	3	35
9	Investment	22.0	23.8	22.2	36	46
-3	Stockbuilding	1.4	2.9	0.7	71	67
19	External Bal.	8.5	7.5	-1.3	69	89
1.3 GDP by Sector %						
0	Agriculture	0.9	0.9	8.3	4	4
5	Industry	50.4	45.1	30.4	93	98
1	Services	48.7	52.3	58.7	17	18
1.3 Generalised Leverage (% GDP)						
-11	Net Debt	38.8	27.7	25.3	76	65
10	Dom Credit Stock	109.2	85.6	56.4	75	85
9	M2 Stock	90.8	84.1	47.4	76	85
	Remittances ²		2.6	3.9		
	Tourism ³		3.0	7.1		
1.4 Openness (% GDP)						
5	Exports G&S	104.7	46.4	36.6	93	98
6	Imports G&S	96.2	43.5	39.9	91	97
4	Total Trade	200.9	85.9	74.4	93	97
1.5 Current Account Receipt Partner Breakdown						
	Exports (2016)					
#1 Partner	India	10.5	0.0			
#2 Partner	Iran	9.5	0.0			
#3 Partner	Japan	9.4	0.0			
				# Countries		% C/A Receipts

70	Protecting minority investors	4.0	7.5	6.0	5.0
1.3 Infrastructure					
3	Infrastructure Index (1-7)	6.2	6.4	4.9	4.0
2	Getting Electricity (1-10)	9.1	9.9	4.5	6.0
1.4 Human Capital and Innovation					
-4	Education (ave yrs pop>25)	8.8	8.9	7.6	8.0
-2	Internet users (% Pop)	82.2	90.4	78.7	40.0
-1	Patents (applications/mm pop)	4.6	5.1	1.9	0.0
1.5 Health					
-3	Life expectancy (yrs)	77.7	77.1	76.7	71.0
-4	Infant mortality (deaths/1,000)	7.1	7.0	8.1	10.0

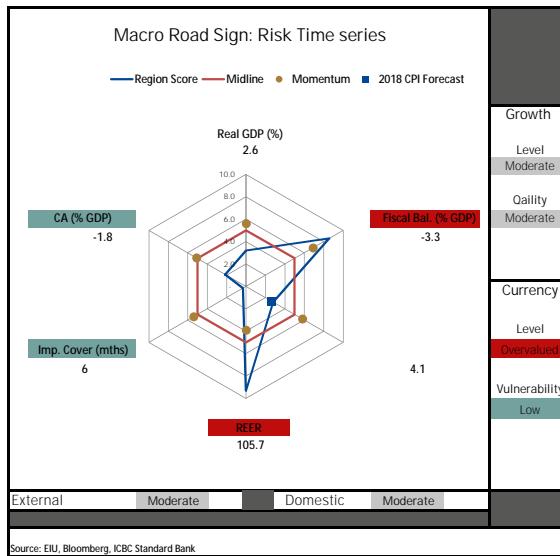
Demographic Forecasts									
	Ave % Growth			EM Median		Rank % EM			
	2017	2027	2017-27	2017	2027	2017-27	2017	2027	
2 Population (mm)	9.4	10.7	1.4	16.0	18.5	1.6	38	40	
0 Urban Pop (% total)	86.1	88.1	0.2	57.9	61.8	0.7	87	87	
0 Working Age Pop. (% total)	85.0	84.2	-0.1	65.6	64.6	-0.1	100	100	
0 Dependency Ratio (retired)	1.3	3.8	18.1	9.6	12.9	3.4	0	0	
20 Retirement/child Ratio	8.2	25.4	20.8	23.0	35.4	5.4	16	36	

LatAm

LatAm

10yr History: Bottom quartile / low risk
Top quartile / high risk

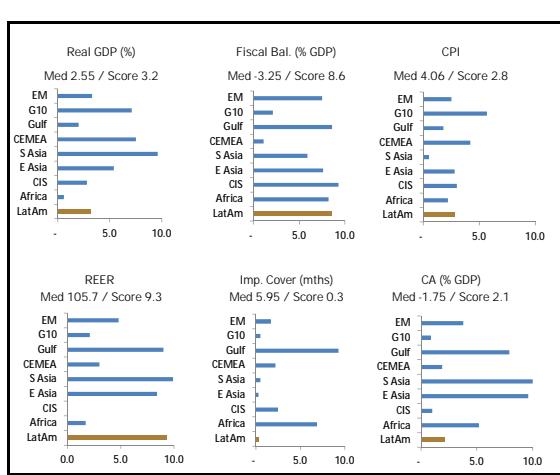
Risk Analysis (Time Series)



Macro Risk scores													
1. External		2. Domestic											
Momentum ¹		2015	2016	2017e	Score ²	Momentum ¹		2015	2016	2017e	Score ²		
1.1 Current Account 1 (% GDP)						2.9	6.9	Fiscal Bal.	-	3.3	2.8	-3.3	8.6
4.0 5.6 Current Acc.	-3.2	-1.7	-1.8	2.1		5.7	2.1	Budget Rev.	22.8	22.6	23.4	7.5	
2.9 6.9 Trade Bal.	-1.6	-1.9	-1.5	0.6		4.6	7.2	Budget exp.	27.4	27.3	27.9	8.6	
5.0 5.8 Services Bal.	-0.8	-0.9	-0.8	5.4		0.7	10.0	Debt Interest	2.3	2.0	2.6	10.0	
6.8 3.9 Income Bal.	-3.3	-3.6	-3.2	0.2		3.2	5.4	Primary bal.	-0.9	0.6	-0.7	7.5	
0.6 5.4 Transfers Bal.	2.0	2.5	2.3	3.0									
1.2 Capital Account (% GDP)						1.9	5.3	Dom. Cred Growth	11.5	8.8	9.0	1.1	
4.2 5.6 Net FDI	1.7	2.4	2.2	7.6		5.4	4.0	M2 Growth	9.8	10.2	9.4	1.6	
4.1 0.4 Net Port. Flows	0.1	0.0	-0.6	0.1		5.0	5.8	CPI ³	3.6	3.6	4.1	2.8	
0.3 6.5 Net Ext. Flow ²	-0.6	0.6	0.3	5.6		6.4	4.3	PPI	2.0	4.2	3.0	3.0	
1.3 Current Account 2 (% GDP)						4.8	5.1	MM Rate	5.0	5.0	5.0	8.2	
4.8 2.0 CA Credits	23.7	23.8	25.7	1.5									
6.1 5.5 Exports G&S	25.3	24.7	24.5	9.5		2.7	6.5	Real GDP (%)	2.8	2.2	2.6	3.2	
2.7 6.5 Remittances ³	7.2	7.7	7.4	3.9		1.3	9.1	REER ⁴	105.2	106.2	105.7	9.3	
7.3 1.3 CA Debits	-25.4	-23.6	-26.9	2.0		0.6	5.4	Real Rate	1.9	1.0	1.1	4.1	
2.8 4.3 Terms of Trade ⁴	95.6	98.7	99.5	5.5		0.7	6.2	Capital Flight	1.1	1.3	5.2	5.6	
3.2 6.0 Imports G&S	0.3	0.3	0.3	1.0									
1.4 Reserves (multiple reserves)						2.7	6.7	Broad Money	3.0	2.8	3.0	4.9	
2.7 3.9 Short term debt	39.2	30.3	40.6	6.5		1.3	9.1	Current Acc.	-1.8	-2.3	3.5	6.5	
0.6 5.4 Imp Cover (mths)	4.9	6.0	6.0	0.3		0.6	5.4	CPI ⁵	4.1	3.8	2.6	4.3	
0.7 6.2 Capital Flight	-3.1	-1.8	-2.1	8.3				Real Rate ⁶	1.1	1.3	5.2	5.6	

¹10y average est. percentile adjusted for direction (high # = high pressure). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²%C/A. + Net FDI - %C/GDP. ³10yr ave=100. ⁴Current=latest monthly/other annual ave. ⁵Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)



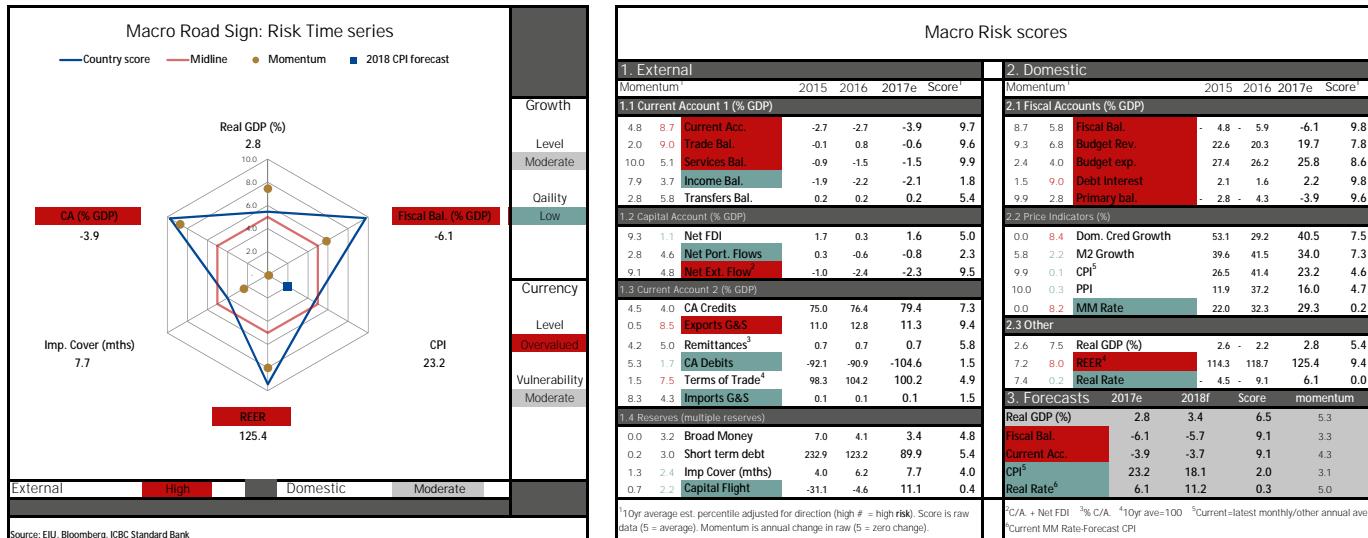
Economic Structure											
ARank ¹	LatAm	EM*	Africa	CIS	E Asia	S Asia	CEMEA	Gulf	G10	Rank # of 8	
										2012	2017
1.1 Size, Wealth & Growth										6	6
0 Nominal GDP \$	75.2	66.3	32.3	41.1	309.7	246.6	77.1	211.4	1031.1	6	6
0 Real GDP %	2.6	3.7	3.8	2.8	5.5	6.7	4.1	2.0	2.3	6	6
0 Population	13.9	16.9	24.3	9.1	41.3	164.7	7.1	9.4	17.2	5	5
1 GDP/Head (PPP)	13.7	12.9	3.9	9.8	15.0	5.5	29.1	54.3	51.2	4	5
-1 Labour Prod. %	1.1	1.9	0.9	2.0	2.7	4.2	2.3	0.3	0.8	6	5
-1 Unempl. %	7.6	6.1	11.1	5.6	3.5	5.3	7.2	4.9	4.3	4	2
1.2 GDP by Activity %											
0 Private Con.	67.3	63.7	72.0	61.1	54.0	67.9	58.3	44.1	54.9	4	3
1 Gov Con.	13.6	14.6	14.9	17.1	12.3	11.7	18.7	16.2	19.2	5	6
0 Investment	20.7	22.2	21.0	24.0	25.3	27.5	20.6	23.8	23.2	7	7
0 Stockbuilding	0.5	0.7	0.6	1.7	0.6	3.1	0.3	2.9	0.1	6	6
0 External Bal.	-4.1	-1.3	-8.5	0.1	1.5	-6.5	2.7	7.5	2.4	5	6
1.3 GDP by Sector %											
0 Agriculture	7.1	8.3	18.0	11.4	9.6	16.7	3.4	0.9	1.1	5	5
2 Industry	28.1	30.4	26.2	32.3	35.8	28.7	30.3	45.1	26.0	4	6
0 Services	62.2	58.7	54.3	54.4	53.2	56.3	66.2	52.3	71.5	3	3
1.4 Generalised Leverage (% GDP)											
1 Net Debt	24.5	25.3	24.9	66.2	18.2	12.9	39.5	27.7	76.7	5	6
0 Dom Credit Stock	50.0	56.4	28.0	35.5	136.4	62.2	69.2	85.6	160.6	6	6
0 M2 Stock	41.8	47.4	40.4	28.8	129.7	55.8	59.4	84.1	96.9	6	6
0 Remittances ²	7.4	3.9	4.0	6.5	1.9	4.1	1.5	2.6	3	2	
1 Tourism ²	6.8	7.1	7.7	22.3	8.7	5.1	6.6	3.0	5	4	
1.4 Openness (% GDP)											
0 Exports G&S	24.5	36.6	29.5	38.3	65.8	15.5	58.7	46.4	33.7	7	7
2 Imports G&S	29.2	39.9	35.1	48.3	54.3	21.1	58.1	43.5	32.9	5	7
0 Total Trade	56.1	74.4	63.8	85.2	123.1	39.4	115.0	85.9	66.6	7	7

¹*EM median is the median of all EM countries and not the median of all regional medians
²%C/A Receipts

Demographic Forecasts											
	2017	2027	2017-27	Ave % Growth		EM* Median	2027	2017-27	2017	Rank # of 8	
				2017	2027					2027	
0 Population (mm)	11.1	12.7	1.5	16.0	18.5	1.6	5.7	1.6	5	5	
0 Urban Pop. (% total)	69.3	72.8	0.5	57.9	61.8	0.7	3	3	3	3	
-3 Working Age Pop. (% total)	64.5	65.2	0.1	65.6	64.6	-0.1	7	4	4	4	
0 Dependency Ratio (retired)	11.1	15.6	4.1	9.6	12.9	3.4	4	4	4	4	
0 Retired/Child Ratio	28.9	41.5	4.3	23.0	35.4	5.4	4	4	4	4	

Argentina

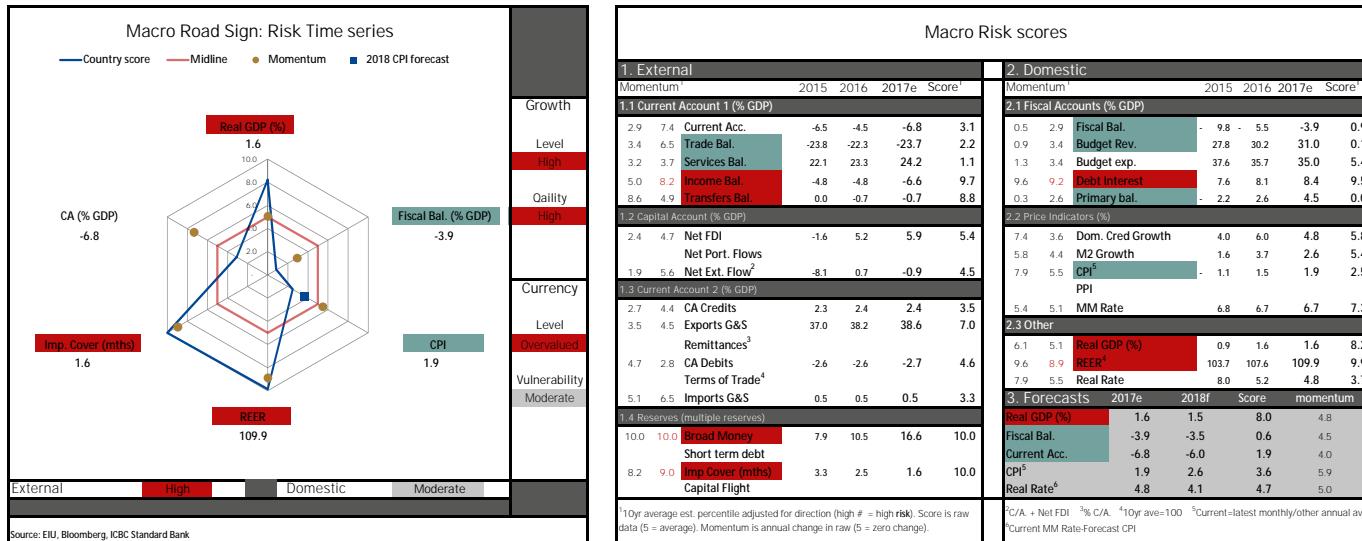
Risk Analysis (Time Series)



Barbados

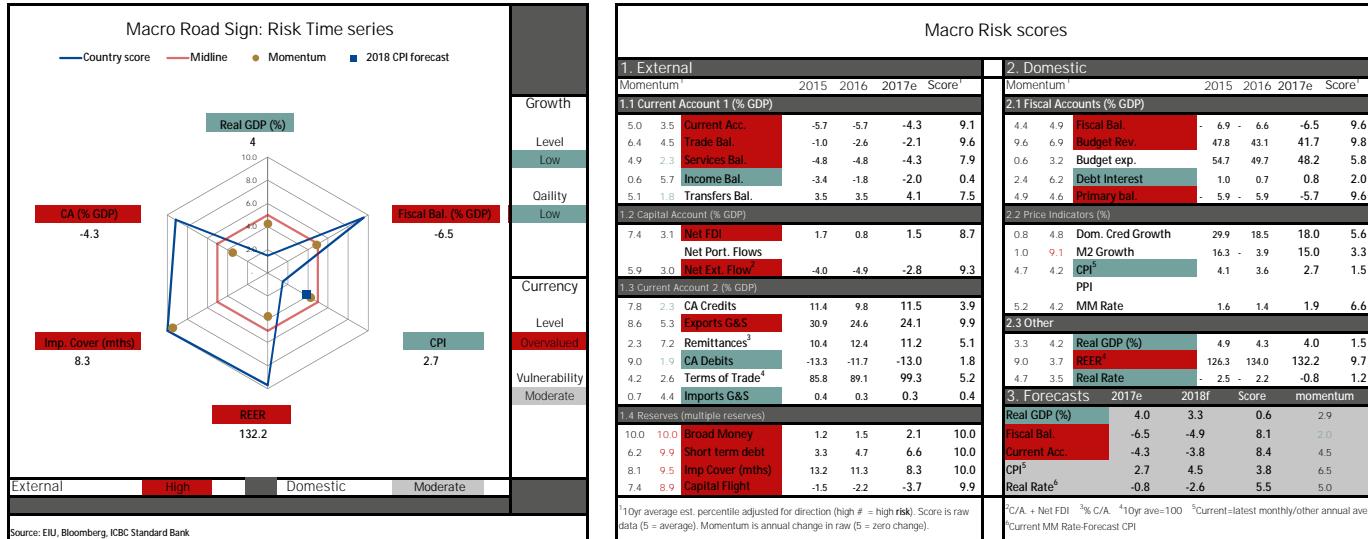
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



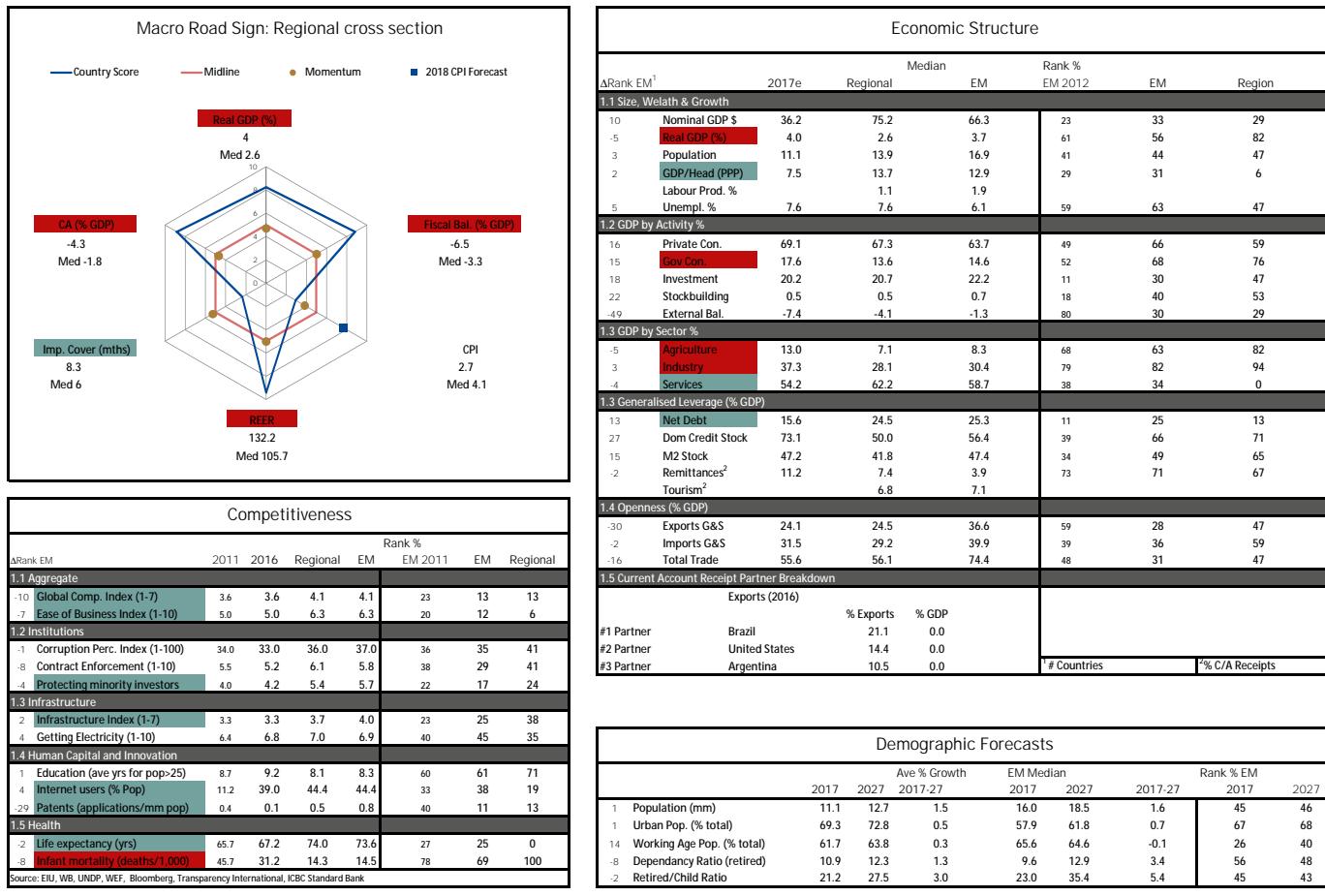
Bolivia

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

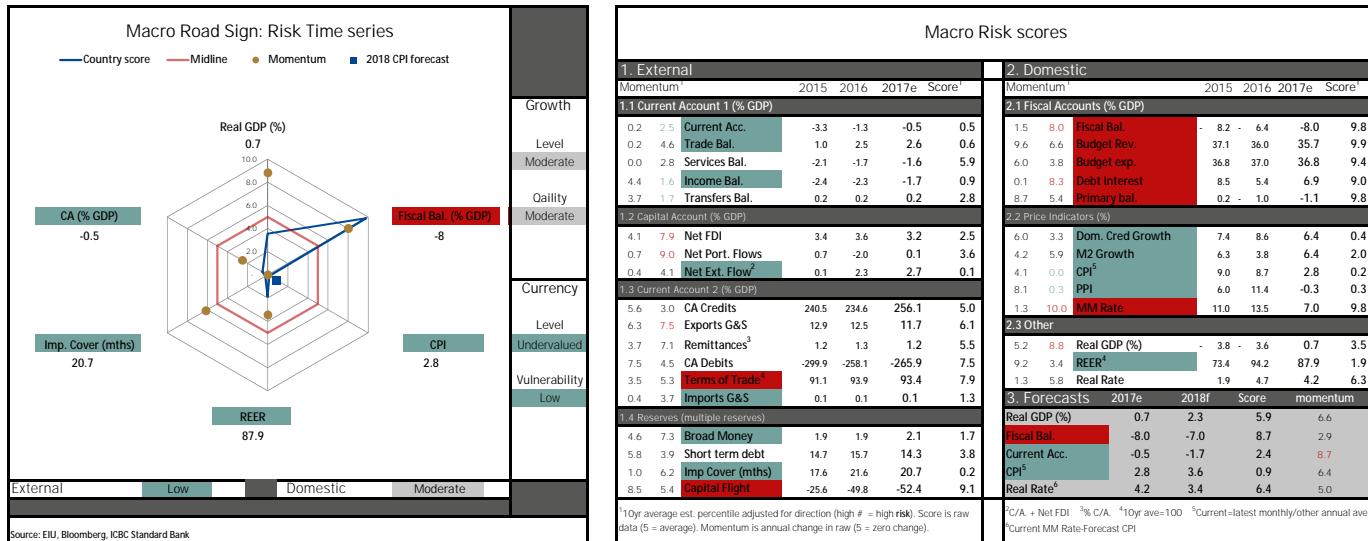
Comparative Analysis (Cross Section)



Brazil

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Chile

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

Macro Road Sign: Risk Time series				Macro Risk scores							
Country score		Midline		Momentum		2018 CPI forecast		External			
CA (% GDP)	-1.3	Real GDP (%)	1.4	Growth				Fiscal Bal. (% GDP)	-2.7		
Imp. Cover (mths)	6.4	Level	Low	Quality	Moderate			CPI	1.9		
REER	100.4	Currency	Level	Vulnerability	Fair-valued						
External	Moderate	Domestic	Moderate								
Source: EIU, Bloomberg, ICBC Standard Bank.											

Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

Macro Road Sign: Regional cross section				Economic Structure													
Country Score		Midline		Momentum		2018 CPI Forecast		ARank EM ¹				2017e	Median	Rank %	EM 2012	EM	Region
Real GDP (%)	1.4	CA (% GDP)	-1.3	Fiscal Bal. (% GDP)	-2.7	CPI	1.9	1.1 Size, Wealth & Growth	2017e	Regional	EM						
Med 2.6	Med -1.8	Med -1.8	Med -1.8	Med -3.3	Med -3.3	Med 4.1	Med 105.7	2.2 GDP by Activity %	2017e	Regional	EM						
Imp. Cover (mths)	6.4	CA (% GDP)	-1.3	CA (% GDP)	-1.3	CA (% GDP)	1.4	1.3 GDP by Sector %	2017e	Regional	EM						
Med 6	Med -1.8	Med -1.8	Med -1.8	Med -3.3	Med -3.3	Med 4.1	Med 105.7	1.4 Generalised Leverage (% GDP)	2017e	Regional	EM						
REER	100.4	Real GDP (%)	1.4	Real GDP (%)	1.4	Real GDP (%)	1.4	1.5 Openness (% GDP)	2017e	Regional	EM						
Med 105.7	Med -1.8	Med -1.8	Med -1.8	Med -3.3	Med -3.3	Med 4.1	Med 105.7	1.6 Current Account Receipt Partner Breakdown	2017e	Regional	EM						

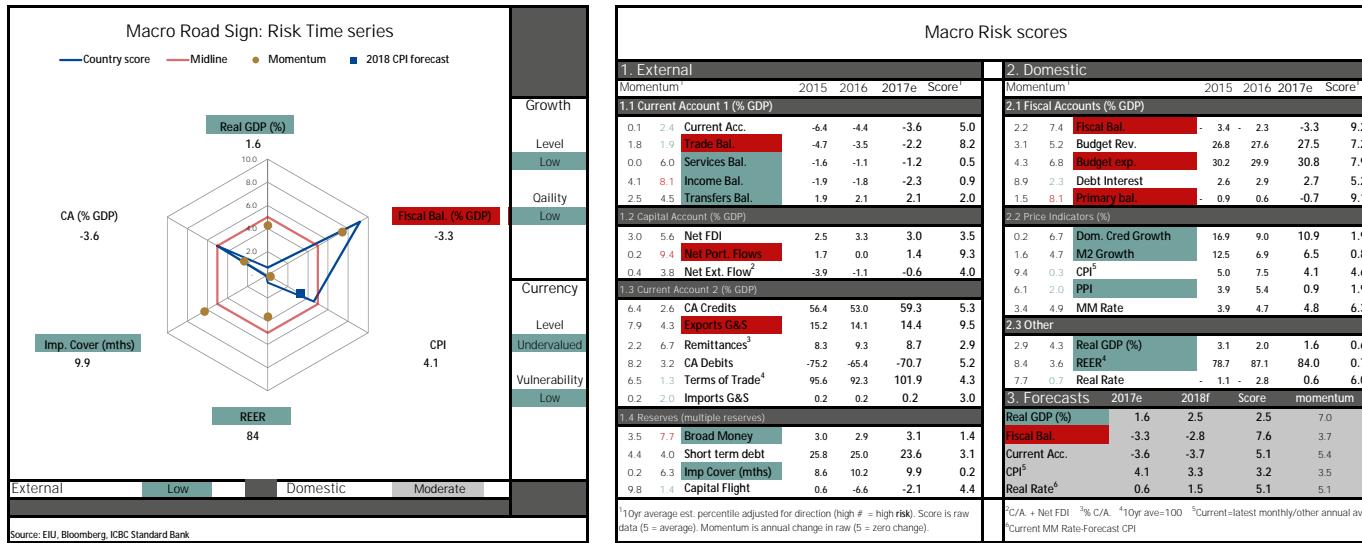
Competitiveness								Demographic Forecasts								
Rank EM	2011	2016	Regional	EM	EM 2011	EM	Regional	Ave % Growth	EM Median	Rank % EM	2017	2027	2017-27	2017	2027	
1.1 Aggregate								2017	2027	2017-27	2017	2027	2017-27	2017	2027	
-6 Global Comp. Index (1-7)	4.7	4.6	4.1	4.1	90	84	100	-3 Population (mm)	18.1	19.3	0.7	16.0	18.5	1.6	55	52
-17 Ease of Business Index (1-10)	7.1	7.0	6.3	6.3	85	67	82	-0 Urban Pop. (% total)	89.9	91.1	0.1	57.9	61.8	0.7	91	91
1.2 Institutions								-4 Working Age Pop. (% total)	68.6	66.7	-0.3	65.6	64.6	-0.1	78	73
-1 Corruption Perce. Index (1-100)	72.0	66.0	36.0	37.0	95	94	94	-1 Dependency Ratio (retired)	16.2	22.7	4.0	9.6	12.9	3.4	73	72
6 Contract Enforcement (1-10)	6.4	6.3	6.1	5.8	63	70	82	0 Retired/Child Ratio	54.6	83.2	5.2	23.0	35.4	5.4	71	71
7 Protecting minority investors	6.7	6.5	5.4	5.7	83	75	88									
1.3 Infrastructure																
-19 Infrastructure Index (1-7)	5.7	4.6	3.7	4.0	92	73	88									
-6 Getting Electricity (1-10)	7.9	7.8	7.0	6.9	75	68	71									
1.4 Human Capital and Innovation																
-2 Education (ave yrs for pop-25)	9.5	9.7	8.1	8.3	73	70	100									
22 Internet users (% Pop)	34.0	72.4	44.4	44.4	62	85	100									
6 Patents (applications/mm pop)	3.9	7.6	0.5	0.8	79	85	100									
1.5 Health																
-1 Life expectancy (yrs)	78.6	79.8	74.0	73.6	94	93	100									
-3 Infant mortality (deaths/1,000)	7.2	7.1	14.3	14.5	22	19	0									

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

Colombia

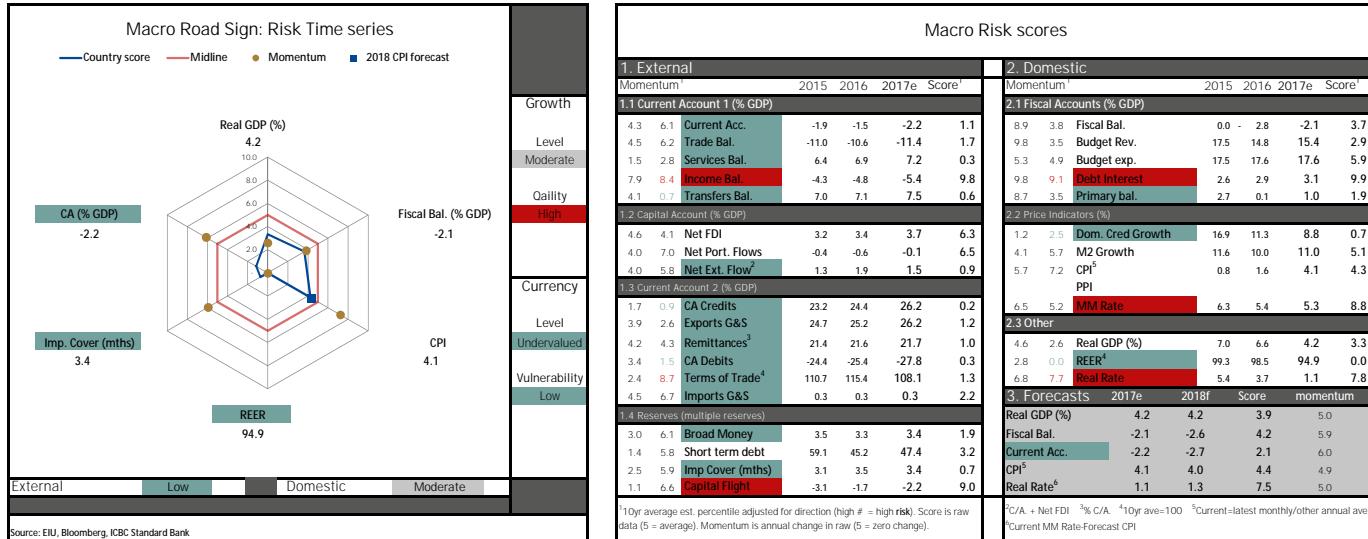
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

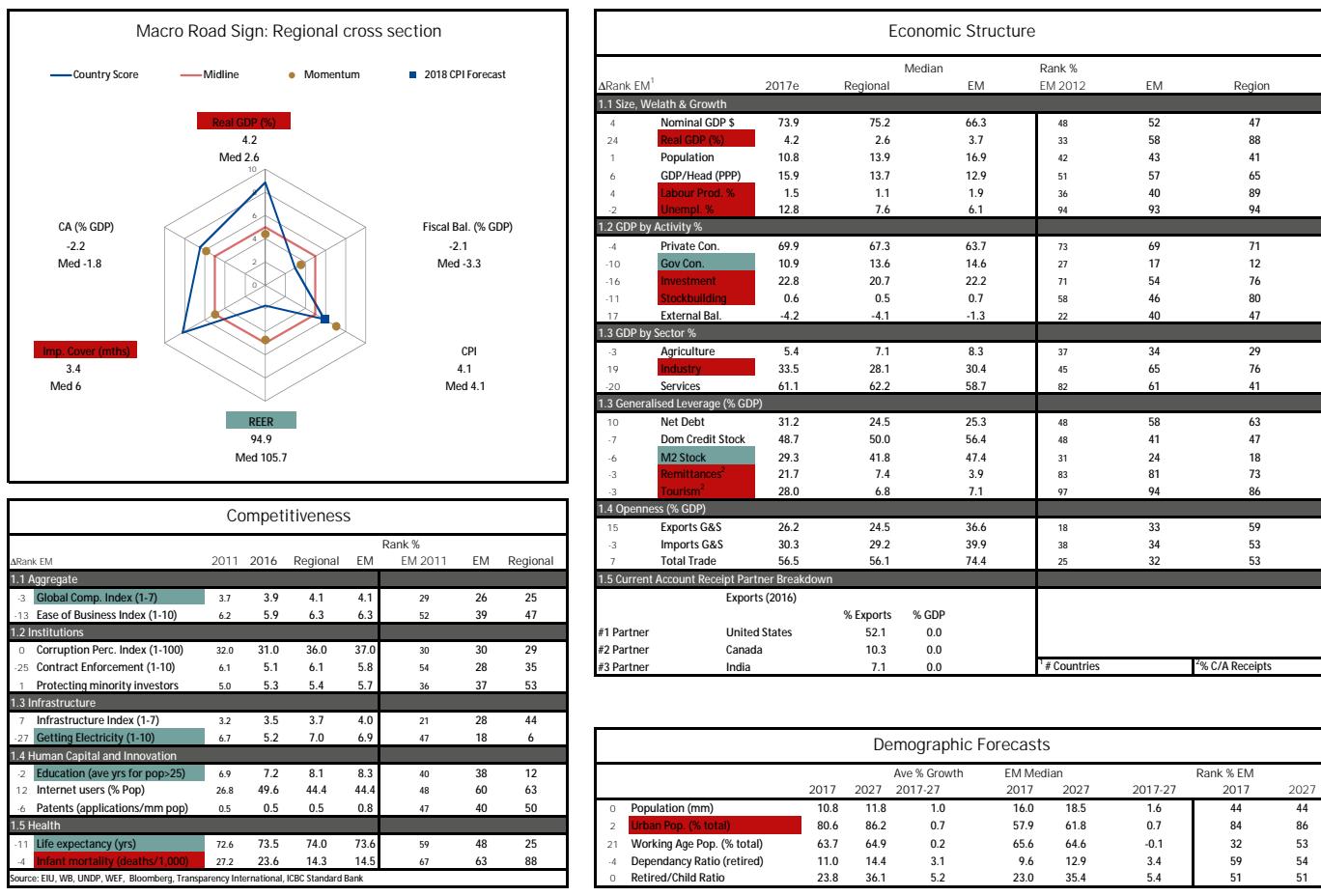


Dominican Rep

Risk Analysis (Time Series)



Comparative Analysis (Cross Section)



El Salvador

Risk Analysis (Time Series)

Macro Road Sign: Risk Time series				Macro Risk scores																																					
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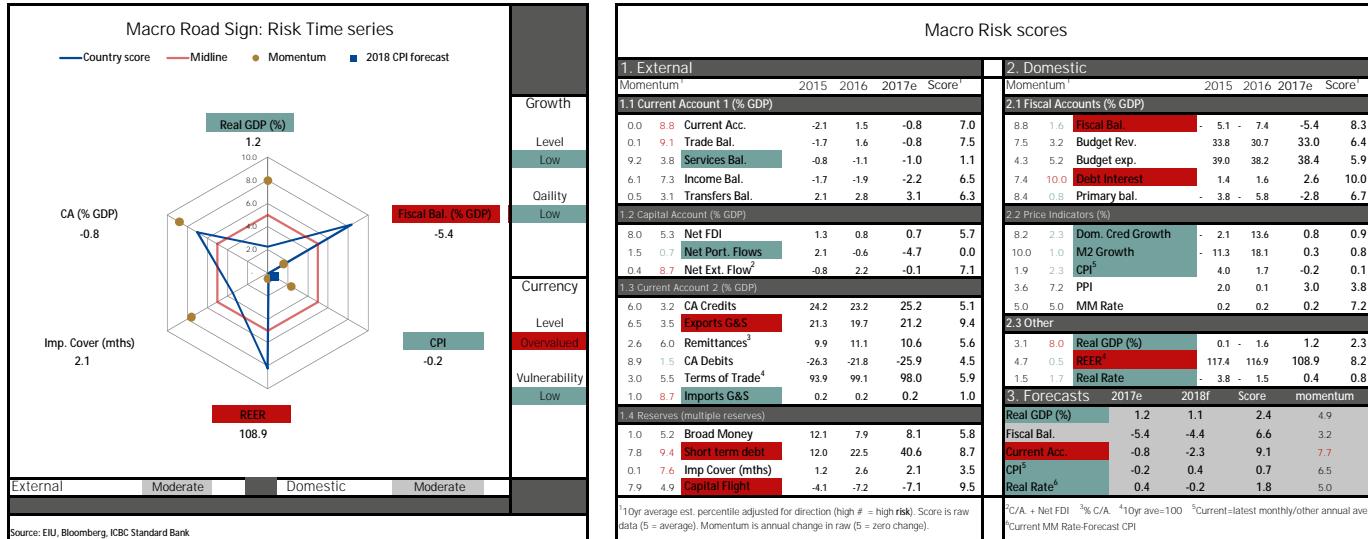
Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

Macro Road Sign: Regional cross section				Economic Structure																																																																																																
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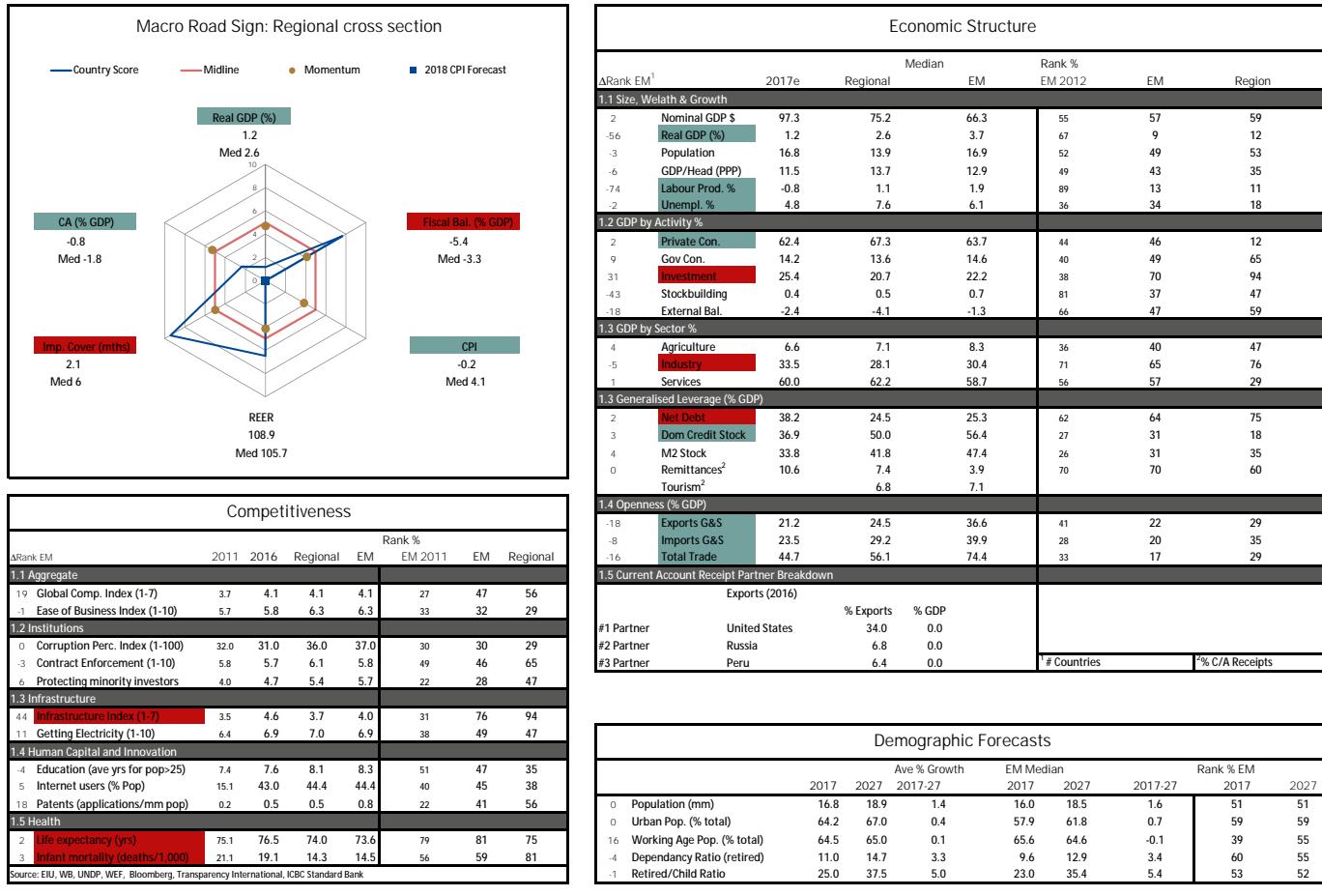
Ecuador

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

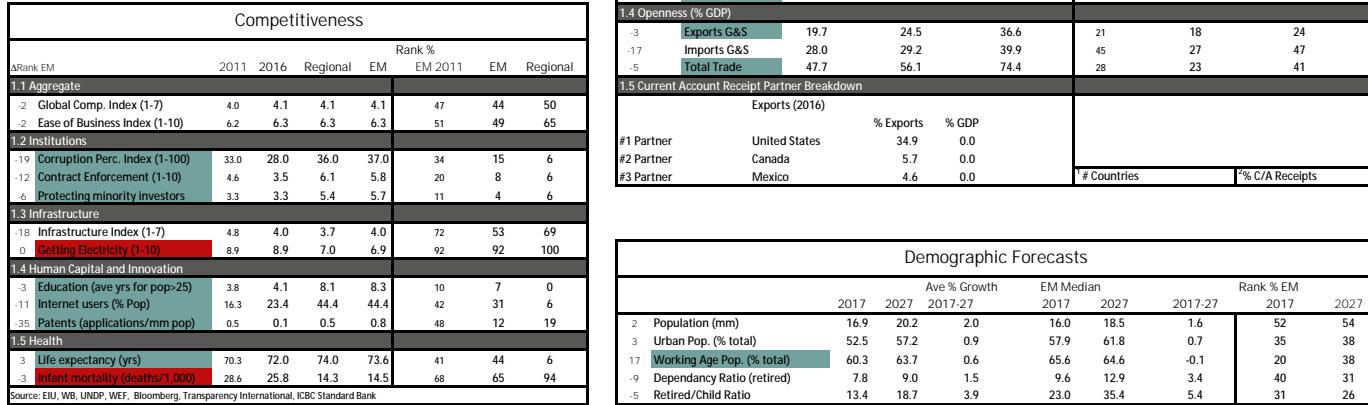
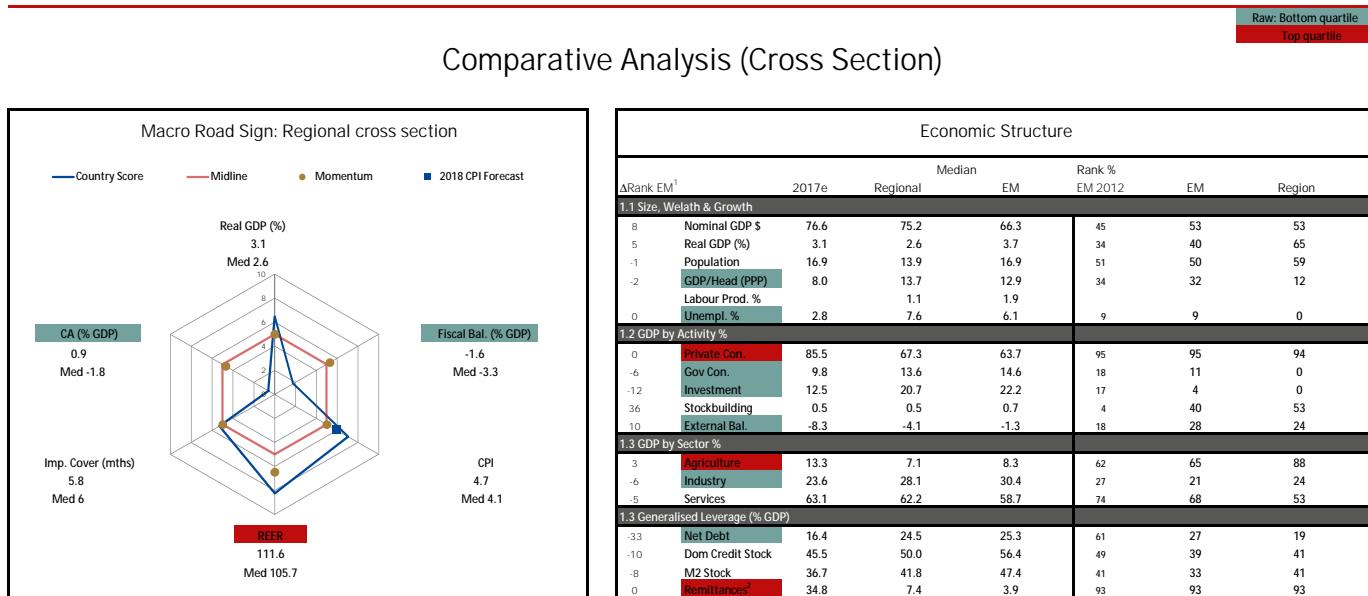
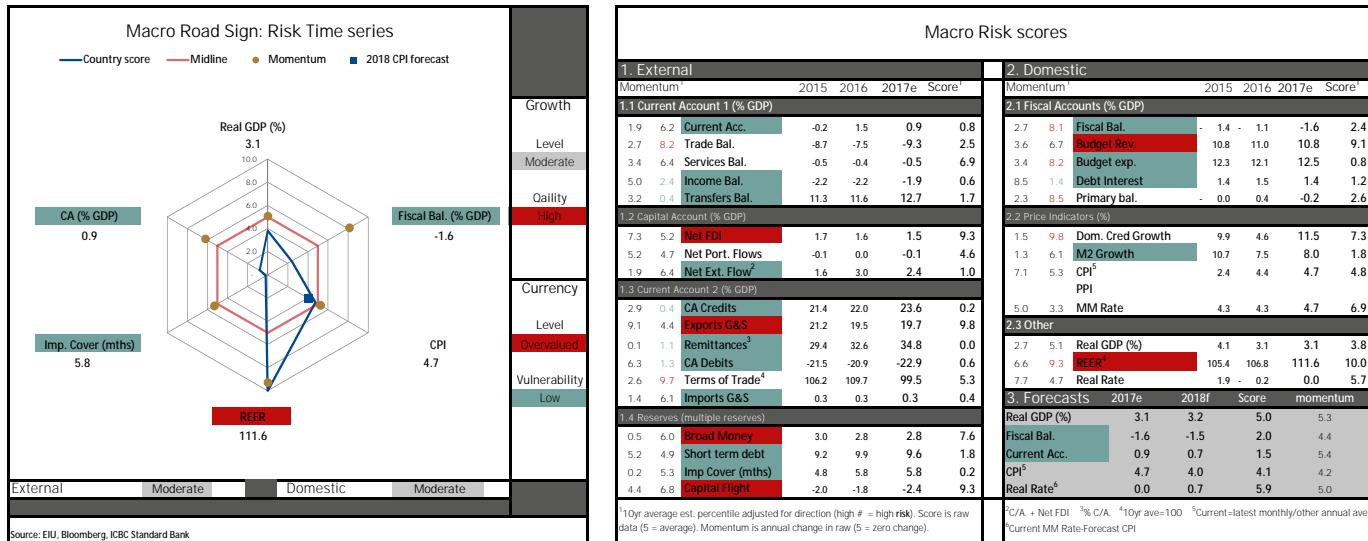
Comparative Analysis (Cross Section)



Guatemala

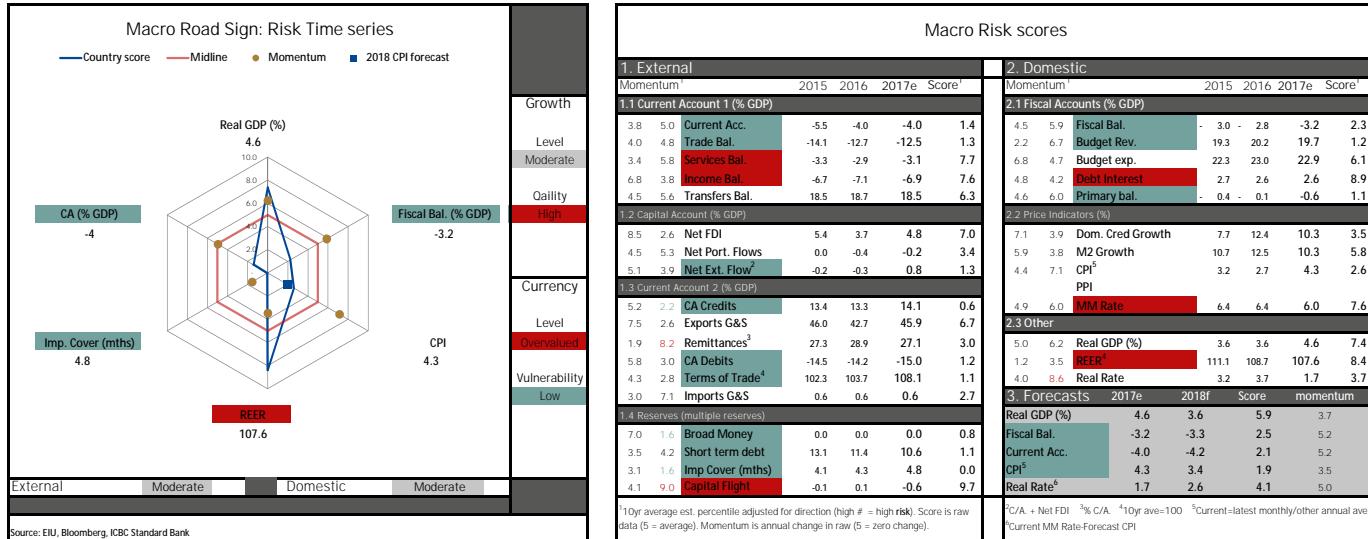
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



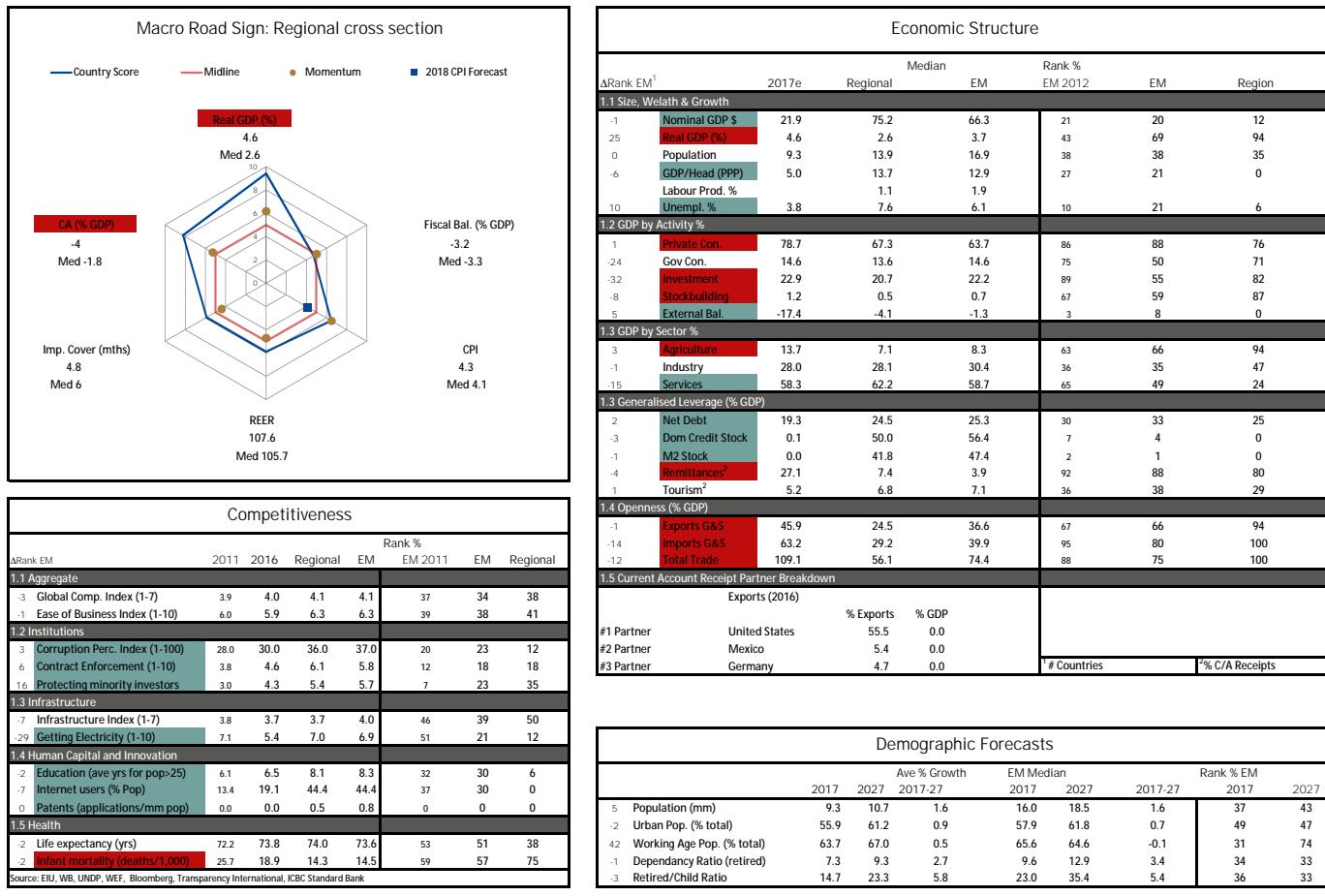
Honduras

Risk Analysis (Time Series)



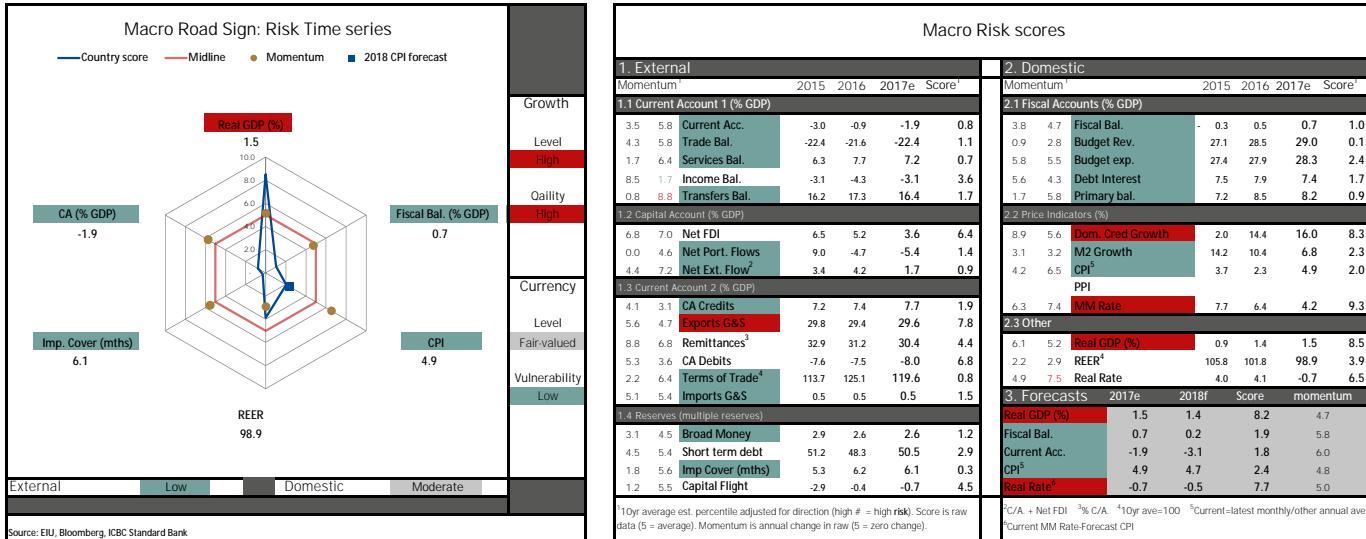
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Comparative Analysis (Cross Section)

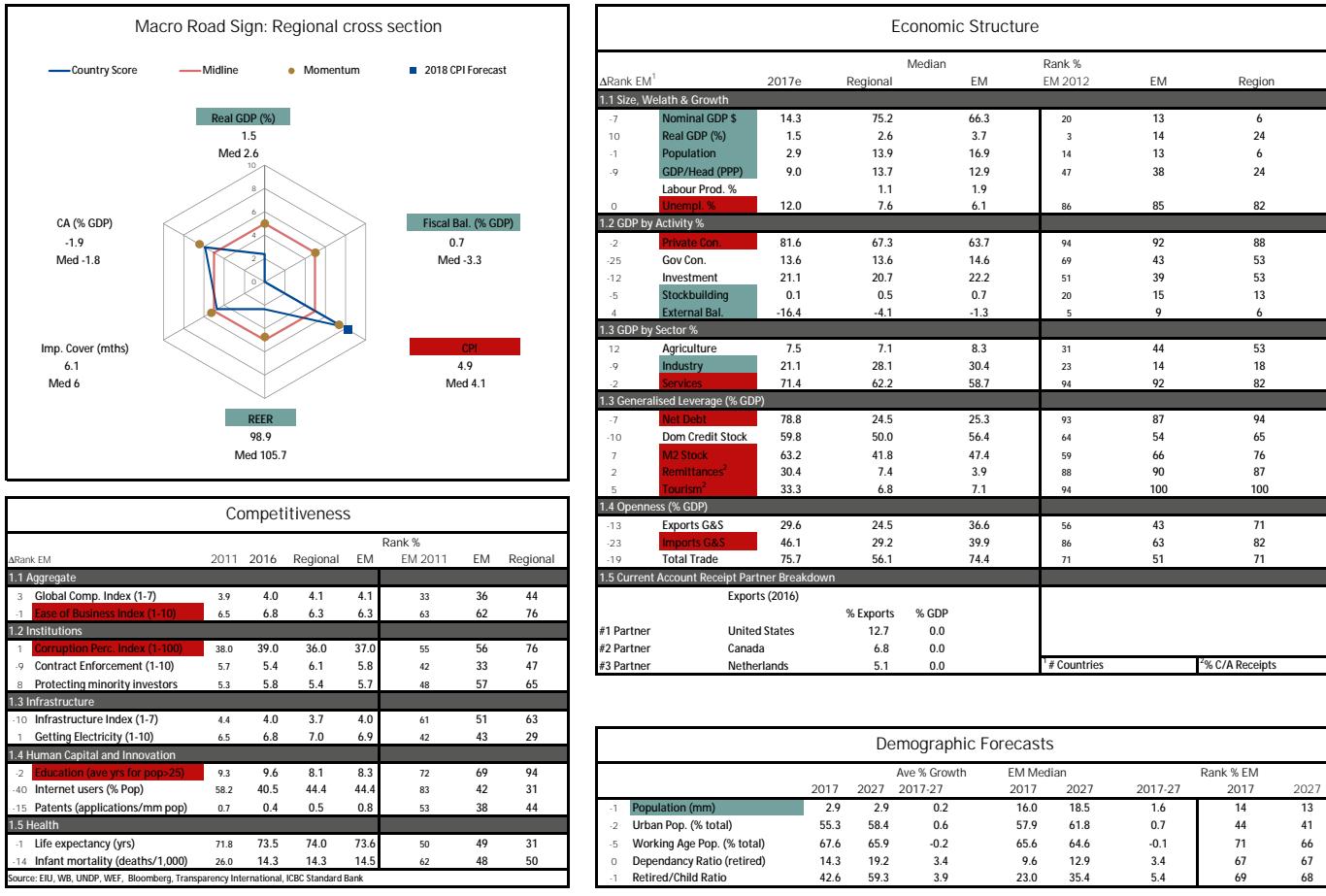


Jamaica

Risk Analysis (Time Series)

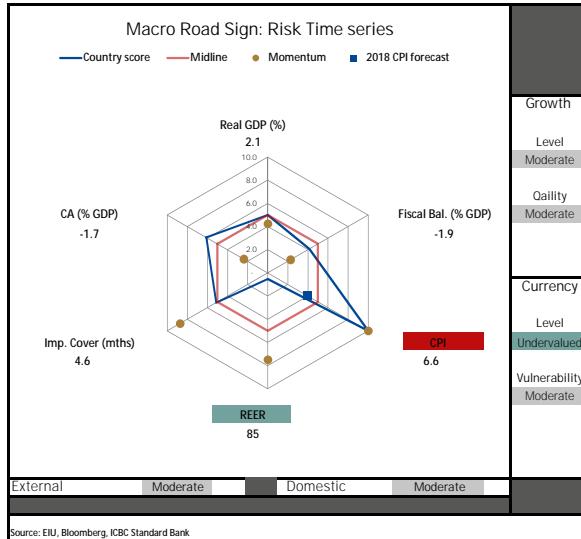


Comparative Analysis (Cross Section)



Mexico

Risk Analysis (Time Series)



Macro Risk scores

1. External

Momentum ¹	2015	2016	2017e	Score ¹
2.9	2.4	Current Acc.	-2.5	-1.7
4.8	2.2	Trade Bal.	-1.2	-0.8
5.0	4.2	Services Bal.	-0.8	-0.8
5.9	4.4	Income Bal.	-2.4	-2.6
0.2	4.4	Transfers Bal.	2.1	2.5

2. Domestic

Momentum ¹	2015	2016	2017e	Score ¹
1.1	3.4	Fiscal Bal.	-	-2.5
0.6	0.4	Budget Rev.	23.0	24.1
6.3	8.3	Budget exp.	26.4	26.6
7.8	10.0	Debt Interest	2.2	2.4
0.5	0.7	Primary bal.	-1.2	-0.1

2.2 Price Indicators (%)

8.7	0.4	Net FDI	2.0	2.6	2.4	2.1
7.4	3.0	Net Port. Flows	0.6	1.5	1.0	7.7
1.5	4.2	Net Ext. Flow ²	-0.4	0.5	0.7	2.4

2.3 Current Account 2 (% GDP)

5.3	1.6	CA Credits	437.2	434.3	473.8	0.7
0.2	3.9	Exports G&S	34.6	37.1	37.5	0.2
1.9	6.1	Remittances ³	5.7	6.2	6.0	5.9
5.8	1.9	CA Debits	-466.0	-457.3	-493.6	0.8
7.8	4.1	Terms of Trade ⁴	86.6	81.3	82.9	9.7
9.6	2.7	Imports G&S	0.4	0.4	0.4	9.6

2.4 Reserves (multiple reserves)

2.3	8.6	Broad Money	4.0	3.8	4.1	2.7
0.8	6.6	Short term debt	39.2	30.3	33.2	3.4
4.1	8.7	Imp Cover (mths)	5.0	5.1	4.6	5.1
2.6	9.5	Capital Flight	-8.9	8.9	-37.5	7.5

2.5 Other

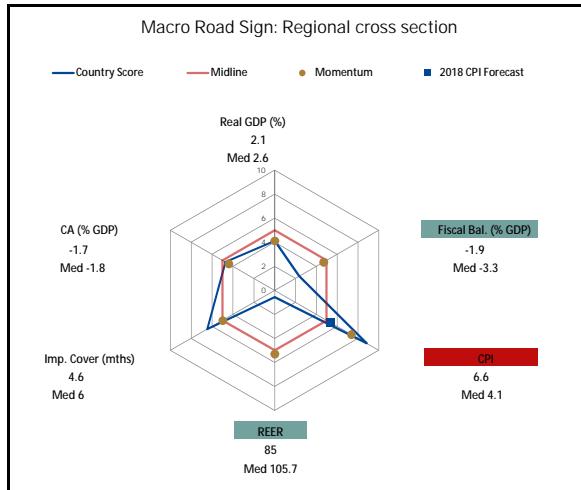
4.7	4.2	Real GDP (%)	3.3	2.9	2.1	5.0
0.6	7.5	REER ⁴	91.9	79.0	85.0	0.5
5.0	1.5	Real Rate	0.0	0.0	1.0	5.1

2.6 Forecasts

2017e	2018f	Score	momentum
Real GDP (%)	2.1	2.1	5.0
Fiscal Bal.	-1.9	-2.2	4.4
Current Acc.	-1.7	-2.2	8.3
CPI ⁵	6.6	3.9	4.0
Real Rate ⁶	1.0	3.8	1.2

Notes: ¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change). ²CA + Net FDI ³% C/A. ⁴10yr ave=100 ⁵Current=latest monthly/other annual ave. ⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)



Economic Structure

1.1 Size, Wealth & Growth

ARank EM ¹	2017e	Median	Rank %	
	Regional	EM	EM 2012	
1	Nominal GDP \$	1143.0	75.2	66.3
13	Real GDP (%)	2.1	2.6	3.7
0	Population	129.2	13.9	16.9
-1	GDP/Head (PPP)	18.8	13.7	12.9
-2	Labour Prod. %	0.9	1.1	1.9
2	Unempl. %	3.8	7.6	6.1

1.2 GDP by Activity %

-5	Private Con.	65.0	67.3	63.7
0	Gov Con.	12.4	13.6	14.6
5	Investment	22.2	20.7	22.2
6	Stockbuilding	0.5	0.5	0.7
-3	External Bal.	-0.1	-4.1	-1.3

1.3 GDP by Sector %

4	Agriculture	3.6	7.1	8.3
-14	Industry	30.8	28.1	30.4
8	Services	65.6	62.2	58.7

1.3 Generalised Leverage (% GDP)

10	Net Debt	24.2	24.5	25.3
-3	Dom Credit Stock	41.2	50.0	56.4
-3	M2 Stock	62.4	41.8	47.4
-5	Remittances ²	6.0	7.4	3.9
	Tourism ²	6.8	7.1	

1.4 Openness (% GDP)

21	Exports G&S	37.5	24.5	36.6
21	Imports G&S	38.2	29.2	39.9
27	Total Trade	75.7	56.1	74.4

1.5 Current Account Receipt Partner Breakdown

#1 Partner	United States	% Exports	% GDP
#2 Partner	Canada	6.6	0.0
#3 Partner	China	2.6	0.0
	# Countries	% C/A Receipts	

Demographic Forecasts

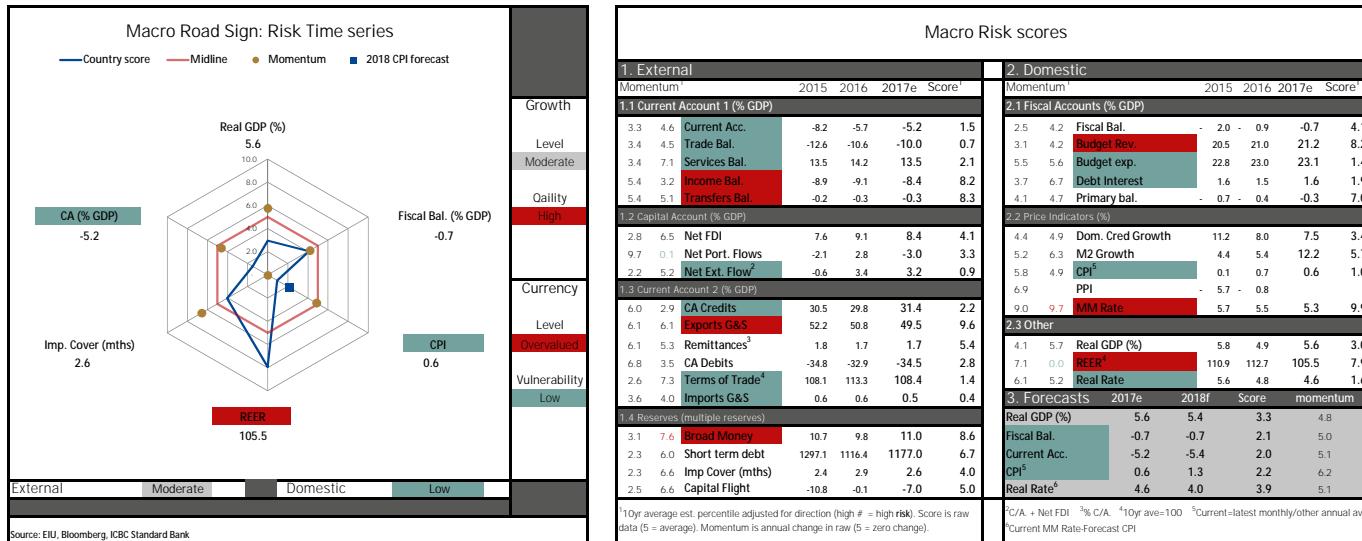
	Ave % Growth	EM Median	Rank % EM			
	2017	2027	2017-27	2017	2027	
1	Population (mm)	129.2	143.8	1.1	16.0	18.5
0	Urban Pop. (% total)	79.8	82.2	0.3	57.9	61.8
14	Working Age Pop. (% total)	66.5	67.6	0.2	65.6	64.6
2	Dependency Ratio (retired)	10.3	13.8	3.3	9.6	12.9
0	Retired/Child Ratio	25.7	40.3	5.7	23.0	35.4

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

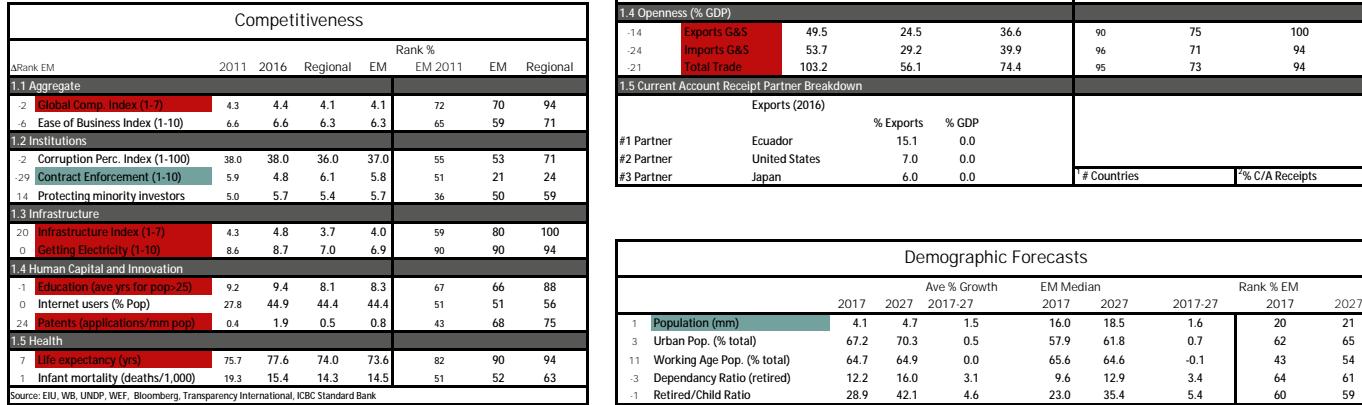
Panama

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



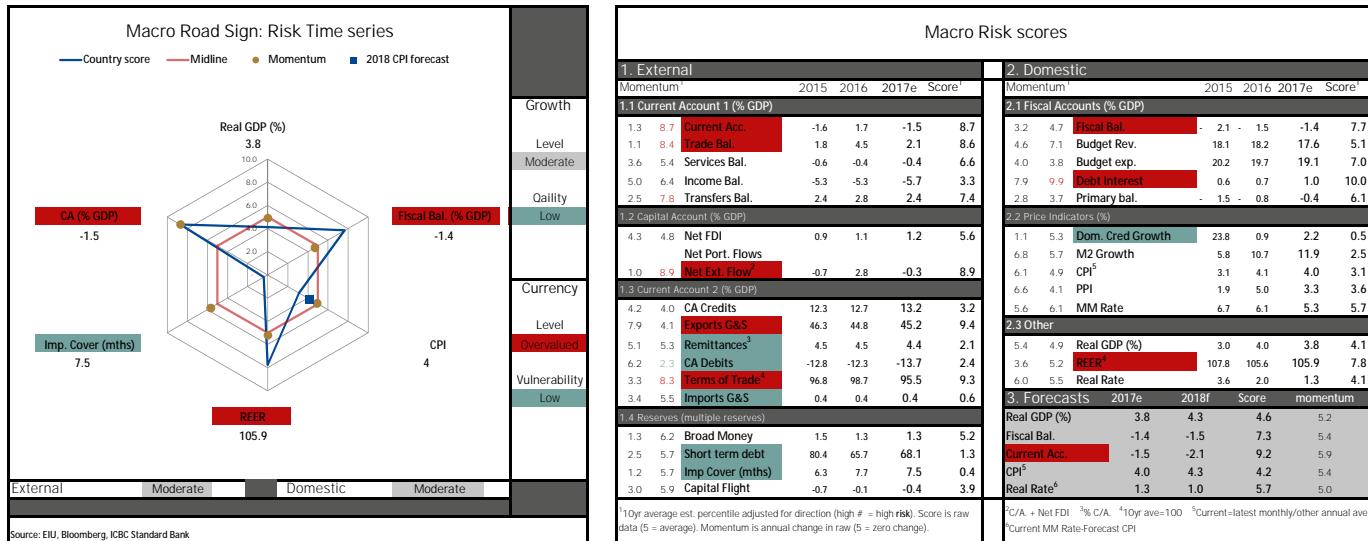
Comparative Analysis (Cross Section)



Paraguay

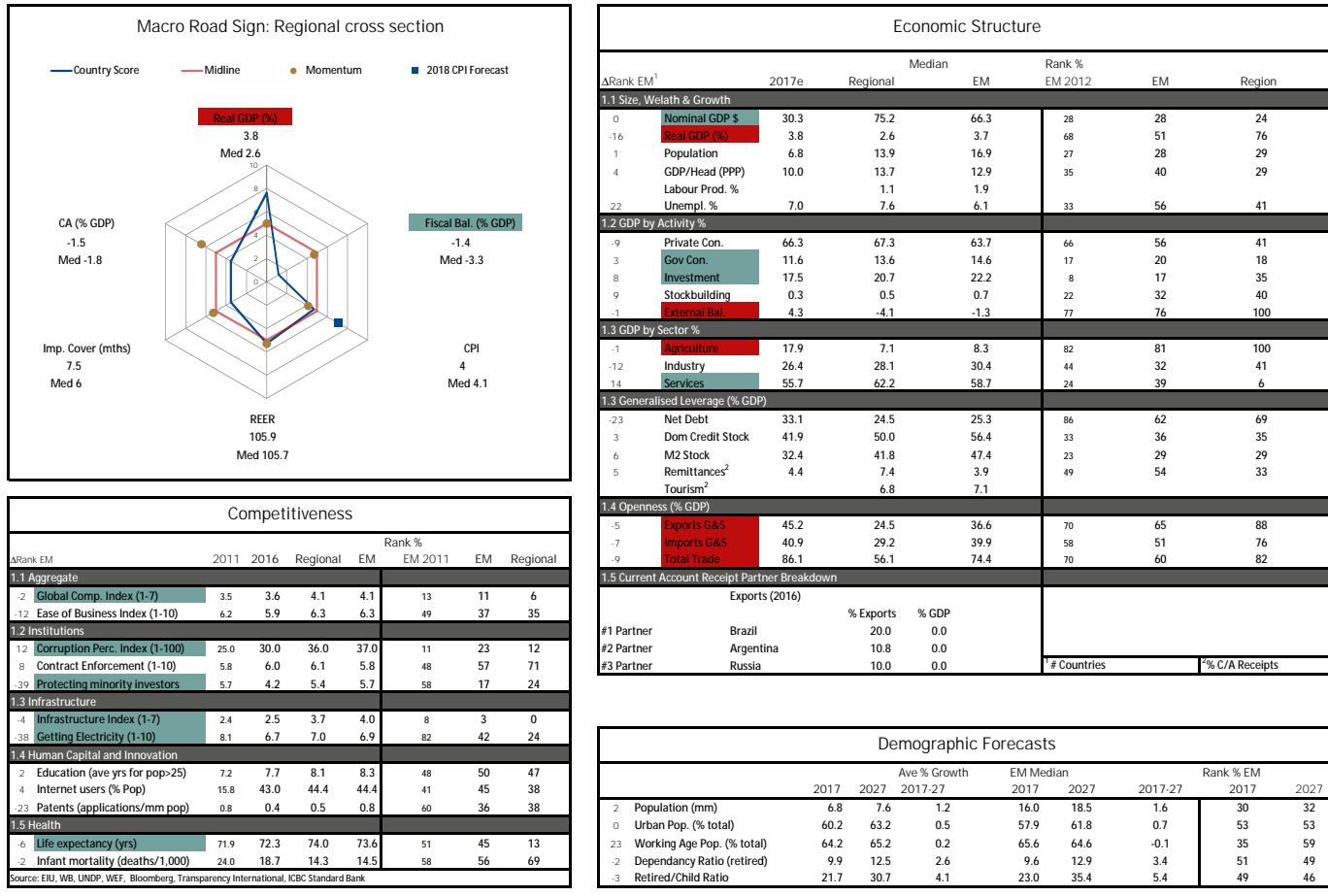
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



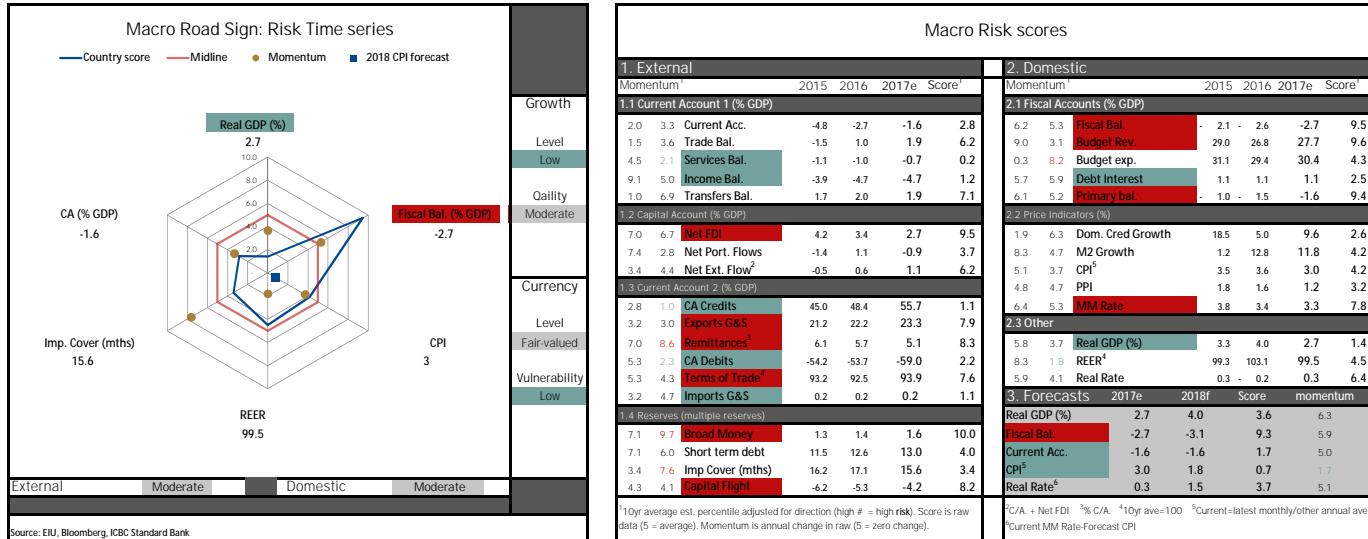
Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

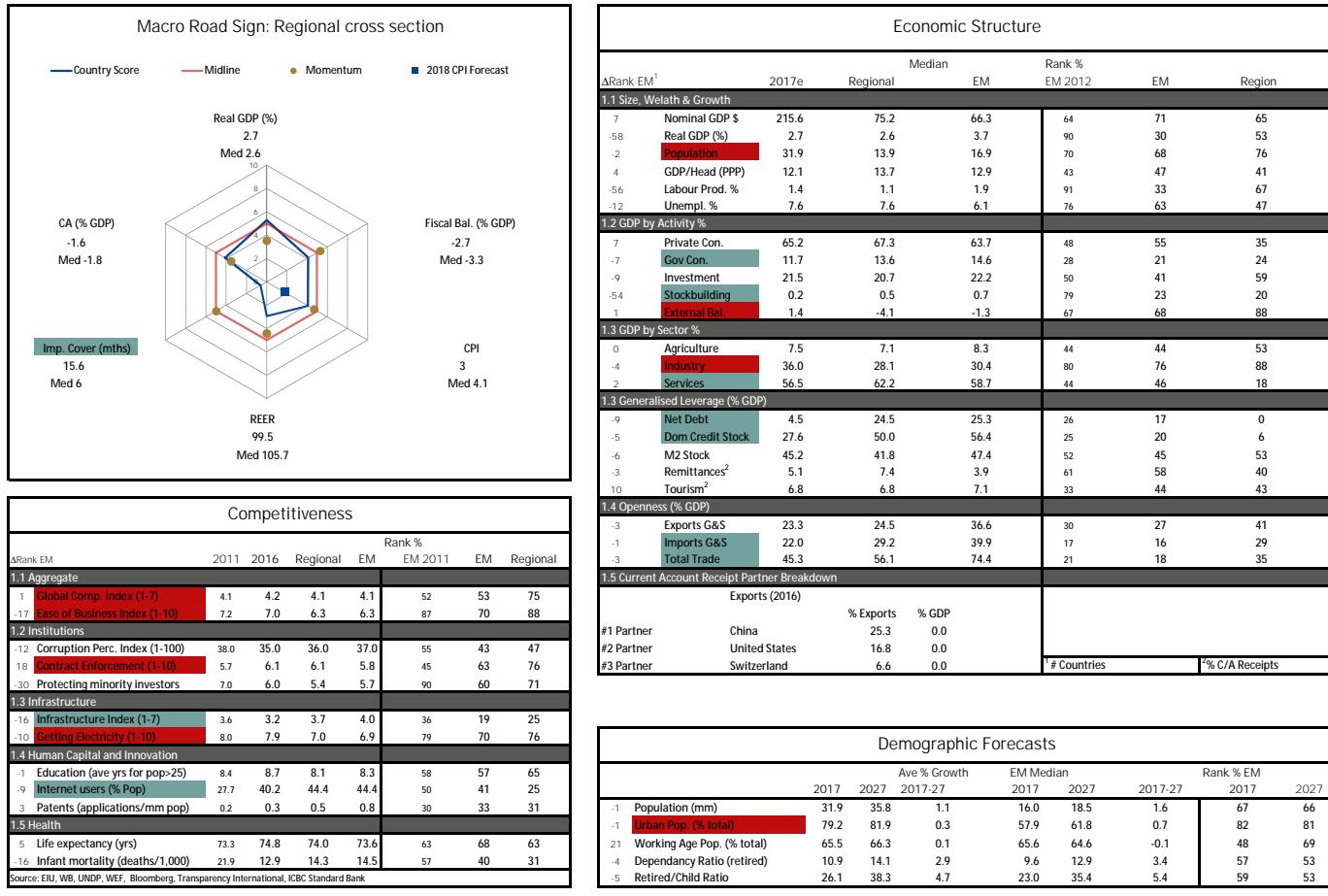


Peru

Risk Analysis (Time Series)

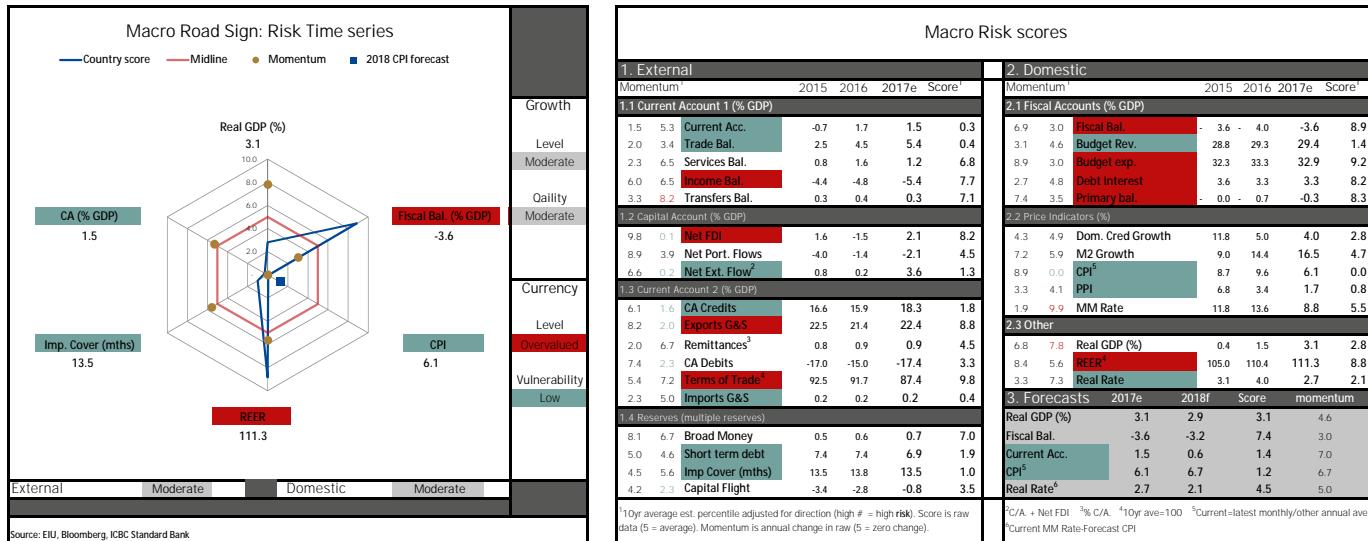


Comparative Analysis (Cross Section)



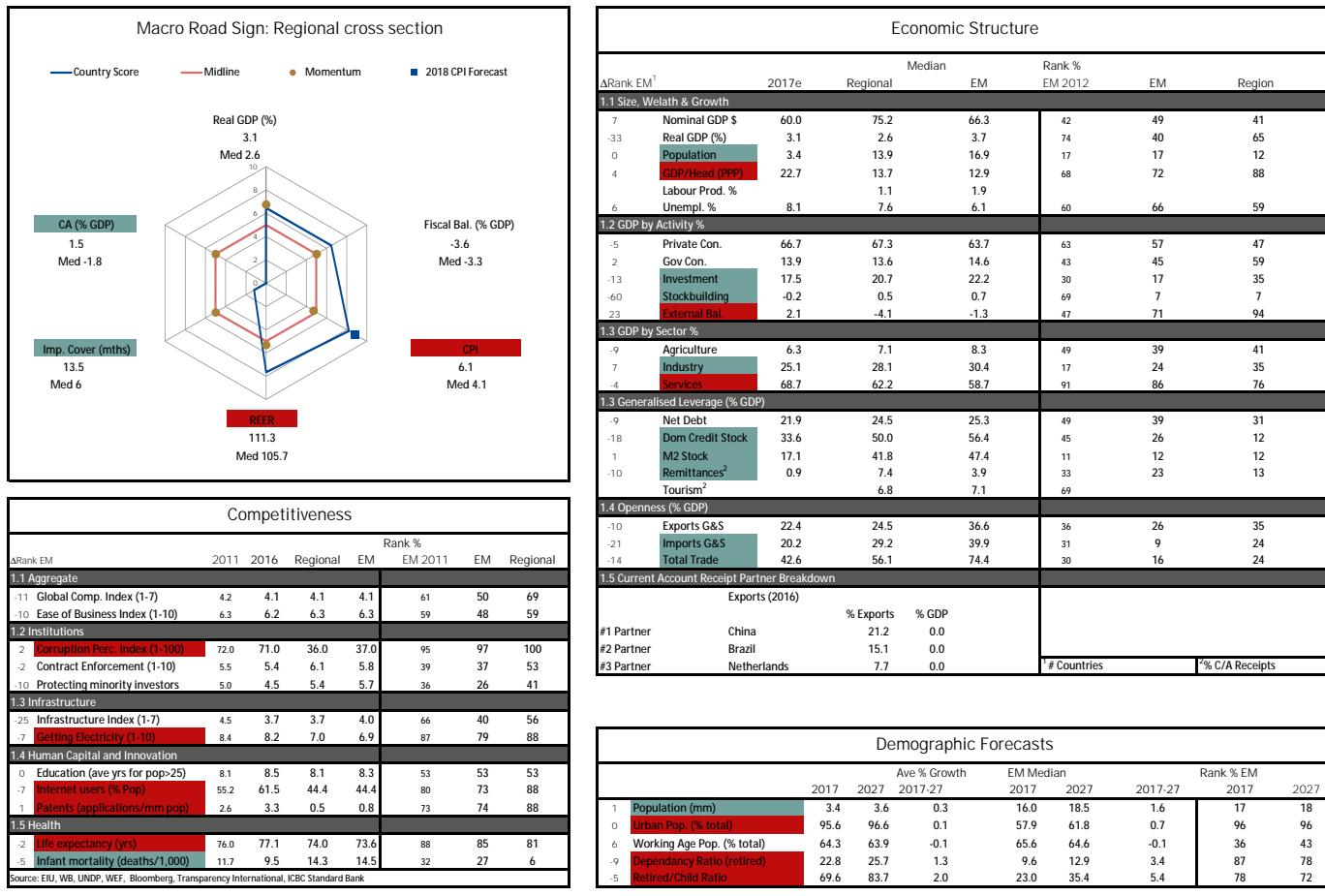
Uruguay

Risk Analysis (Time Series)



10yr History: Bottom quartile / low risk
Top quartile / high risk

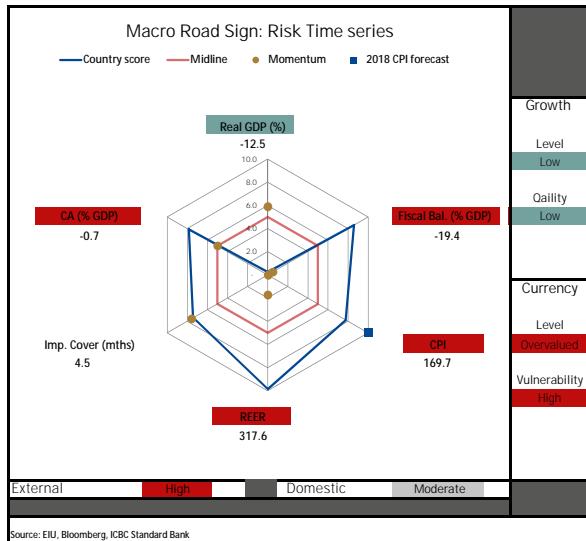
Comparative Analysis (Cross Section)



Venezuela

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

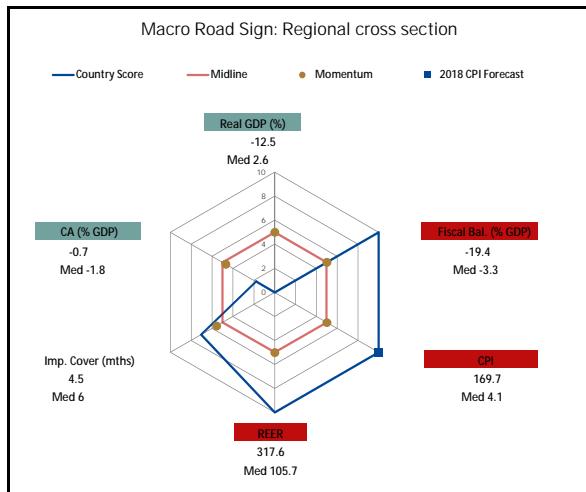


Macro Risk scores

1. External		2. Domestic			
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹
2.9	5.0	Current Acc.	-3.4	-0.7	7.9
4.2	4.2	Trade Bal.	0.8	1.9	8.7
1.0	8.2	Services Bal.	-2.6	-1.4	2.1
2.7	7.8	Income Bal.	-1.6	-1.2	5.4
3.2	5.0	Net Ext. Flow ²	0.0	0.1	0.0
		Transfers Bal.			
1.2 Capital Account 1 (% GDP)		2.1 Fiscal Accounts (% GDP)			
5.7	4.9	Net FDI	0.2	0.0	6.6
5.8	4.3	Net Port. Flows	-0.4	0.1	2.2
3.2	5.0	Net Ext. Flow ²	-3.1	-0.7	7.8
1.3 Current Account 2 (% GDP)		2.2 Price Indicators (%)			
6.7	5.1	CA Credits	40.4	29.9	29.6
6.8	3.0	Exports G&S	9.0	6.1	9.3
0.5	4.7	Remittances ³	0.3	0.4	0.4
9.4	5.3	CA Debts	-56.4	-33.8	-32.7
5.5	3.4	Terms of Trade ⁴	36.8	32.3	48.7
0.5	4.8	Imports G&S	0.2	0.1	0.1
1.4 Reserves (multiple reserves)		2.3 Other			
8.3	10.0	Broad Money	17.9	19.7	29.2
10.0	0.5	Short term debt	184.6	262.2	219.3
2.6	7.6	Imp. Cover (mths)	4.2	5.1	4.5
8.8	4.3	Capital Flight	24.0	9.7	12.0
2.1 Current Account 1 (% GDP)		3. Forecasts			
8.9	0.5	Fiscal Bal.	-	20.7	-24.3
8.9	3.8	Budget Rev.	-	21.7	17.4
4.3	1.4	Budget exp.	-	42.4	41.7
0.3	1.3	Debt Interest	-	2.4	1.2
9.7	0.1	Primary bal.	-	18.3	-23.1
2.2 Price Indicators (%)		Real GDP (%)			
10.0	10.0	Dom. Cred Growth	104.9	338.2	826.0
9.7	10.0	M2 Growth	100.7	159.2	1457.4
10.0	0.0	CP ⁵	121.7	422.2	169.7
10.0	10.0	PPI	119.5	240.9	648.5
5.2	5.3	MM Rate	3.4	3.2	3.0
2.3 Other		Fiscal Bal.			
0.2	5.9	Real GDP (%)	-	5.6	-13.5
10.0	1.7	REER ⁴	-	186.7	378.0
10.0	0.0	Real Rate	-	118.4	-419.0
			-	166.7	7.8
3. Forecasts		Score			
Real GDP (%)	-12.5	2017e	2018f	Score	momentum
Fiscal Bal.	-19.4				
Current Acc.	-0.7				
CP ⁵	169.7				
Real Rate ⁶	-166.7				

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA = Net FDI ³% C/A ⁴10yr ave=100 ⁵Current=latest monthly/other annual ave.
⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)



Economic Structure

ARank EM ¹	2017e		Rank %		
	Regional		EM		
	EM 2012		EM		Region
1.1 Size, Wealth & Growth	2017e	Median	EM	EM	
1 Nominal GDP \$	415.3	75.2	66.3	84	85
2 Real GDP (%)	-12.5	2.6	3.7	48	0
3 Population	31.3	13.9	16.9	69	66
4 GDP/Head (PPP)	12.9	13.7	12.9	77	50
5 Labour Prod. %	-5.9	1.1	1.9	53	0
6 Unempl. %	19.0	7.6	6.1	56	99
1.2 GDP by Activity %	2017e	Median	EM	EM	
7 Private Con.	69.2	67.3	63.7	19	67
8 Gov Con.	18.0	13.6	14.6	42	72
9 Investment	15.1	20.7	22.2	35	13
10 Stockbuilding	1.6	0.5	0.7	89	70
11 External Bal.	-3.9	-4.1	-1.3	84	43
1.3 GDP by Sector %	2017e	Median	EM	EM	
12 Agriculture	4.6	7.1	8.3	20	27
13 Industry	39.7	28.1	30.4	73	87
14 Services	55.7	62.2	58.7	64	39
1.3 Generalised Leverage (% GDP)	2017e	Median	EM	EM	
15 Net Debt	22.4	24.5	25.3	33	43
16 Dom Credit Stock	80.9	50.0	56.4	35	74
17 M2 Stock	66.3	41.8	47.4	42	69
18 Remittances ²	0.4	7.4	3.9	10	12
19 Tourism ³	6.8	7.1			
1.4 Openness (% GDP)	2017e	Median	EM	EM	
20 Exports G&S	9.3	24.5	36.6	38	2
21 Imports G&S	13.1	29.2	39.9	5	2
22 Total Trade	22.4	56.1	74.4	16	0
1.5 Current Account Receipt Partner Breakdown	2016	% Exports	% GDP	# Countries	% C/A Receipts
23 Exports (2016)					
24 #1 Partner	United States	37.2	0.0		
25 #2 Partner	China	18.6	0.0		
26 #3 Partner	India	17.4	0.0		

Demographic Forecasts

	Ave % Growth		Rank % EM		
	2017	2027	2017-27	2017	2027
Population (mm)	31.3			16.0	18.5
Urban Pop. (% total)				57.9	61.8
Working Age Pop. (% total)				65.6	64.6
Dependency Ratio (retired)				9.6	12.9
Retired/Child Ratio				23.0	35.4

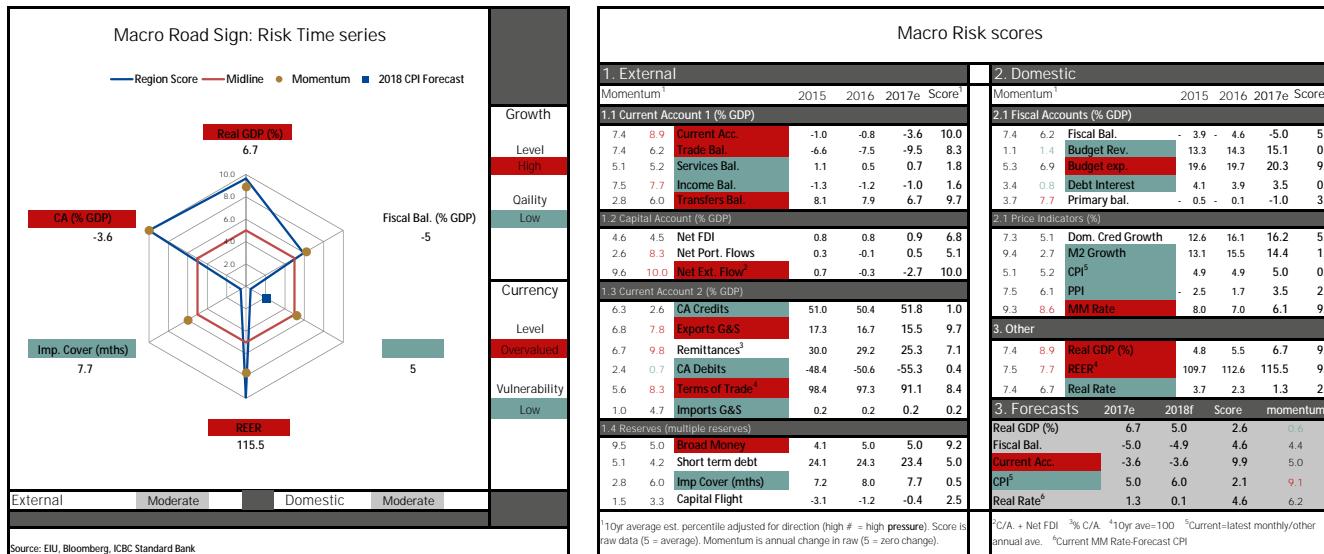
Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

S Asia

S Asia

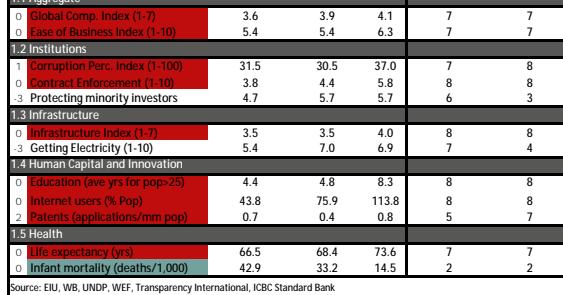
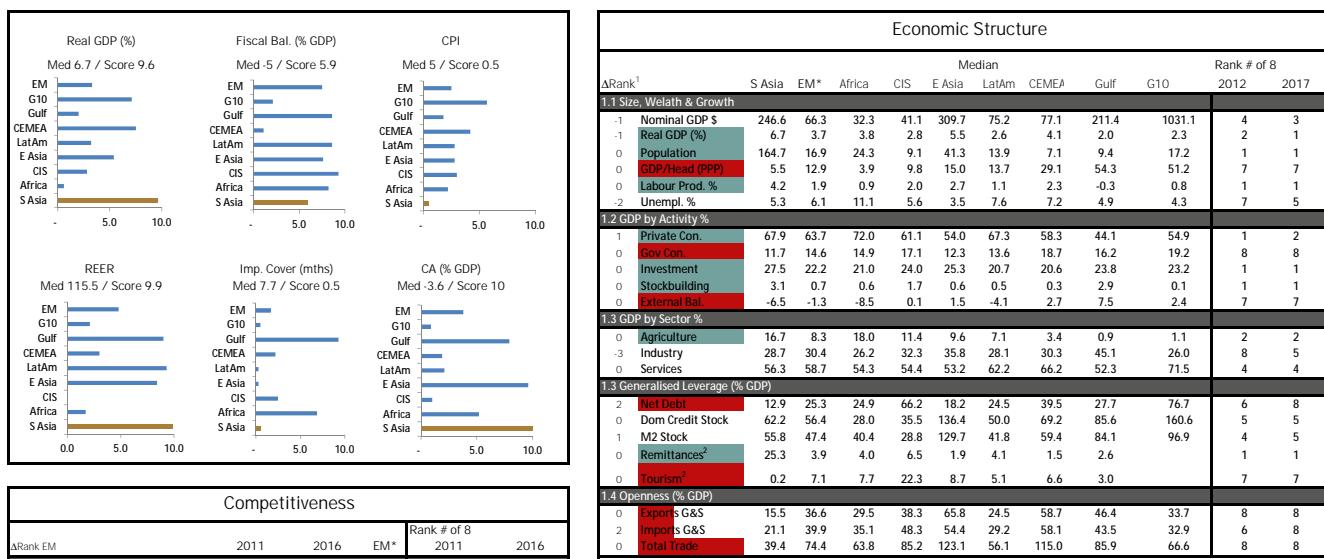
10yr History: Bottom quartile / low risk
Top quartile / high risk

Risk Analysis (Time Series)



Raw: Bottom quartile
Top quartile

Comparative Analysis (Cross Section)

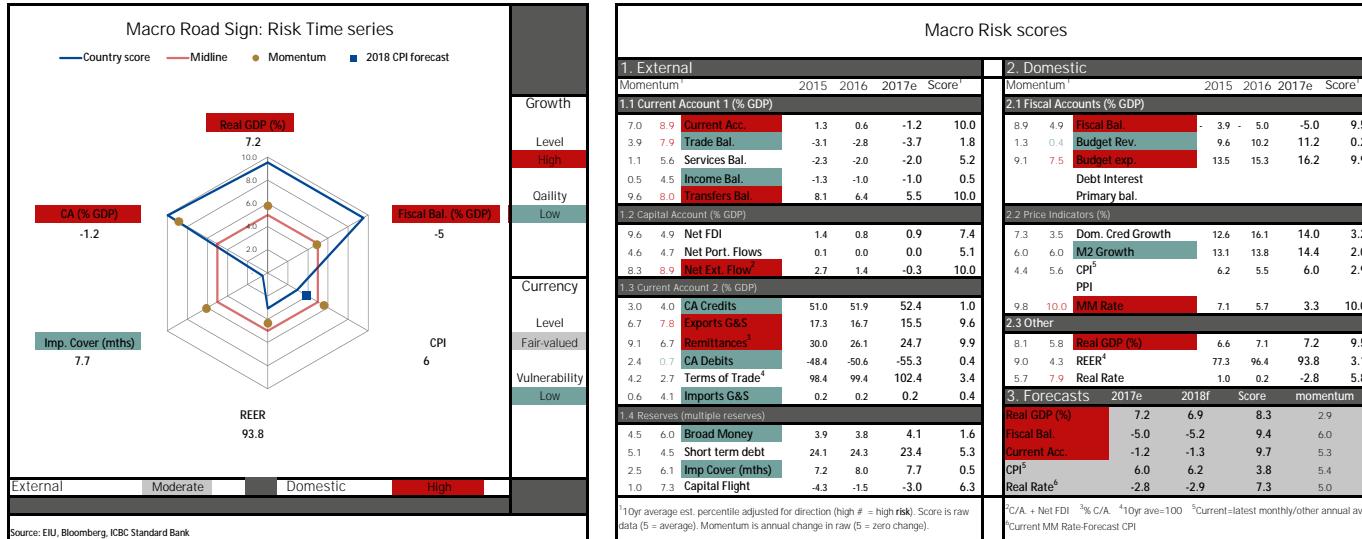


Source: EU, WB, UNDP, WEF, Transparency International, ICBC Standard Bank

Bangladesh

Risk Analysis (Time Series)

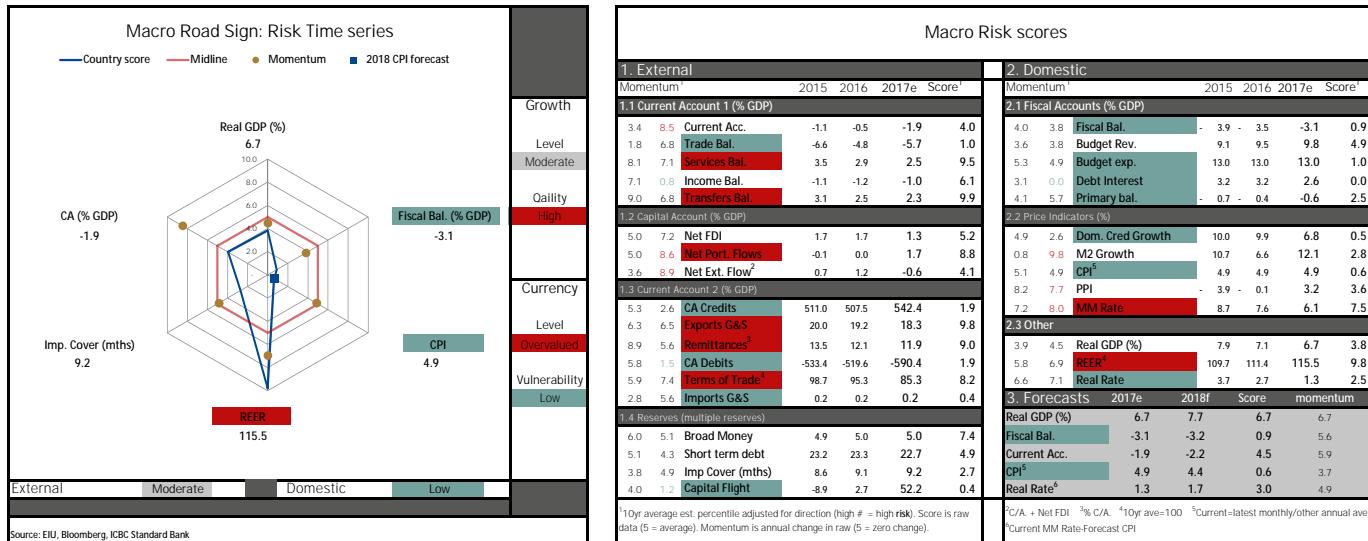
10yr History: Bottom quartile / low risk
Top quartile / high risk



India

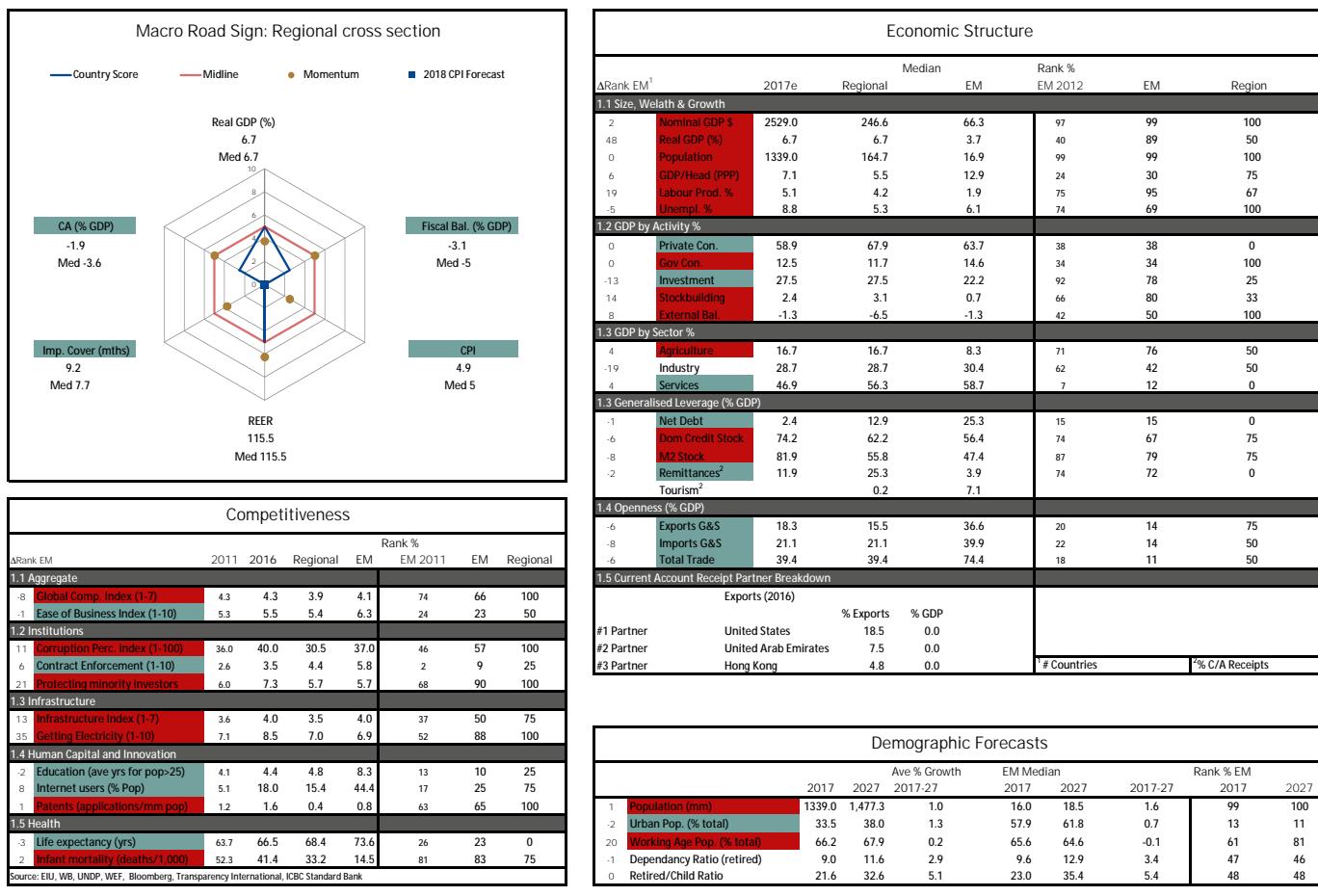
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

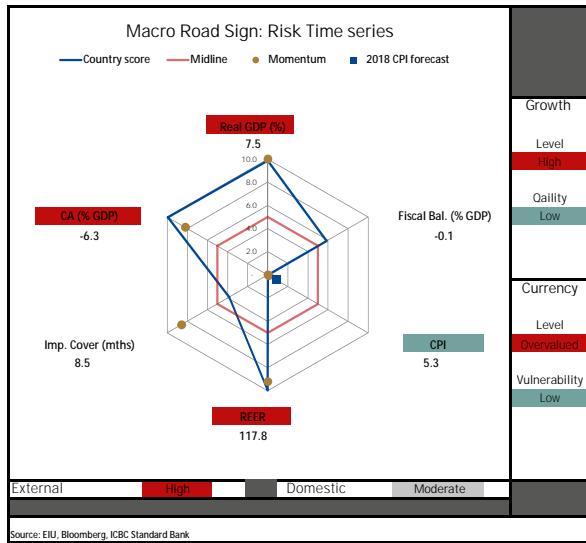
Raw: Bottom quartile
Top quartile



Nepal

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk

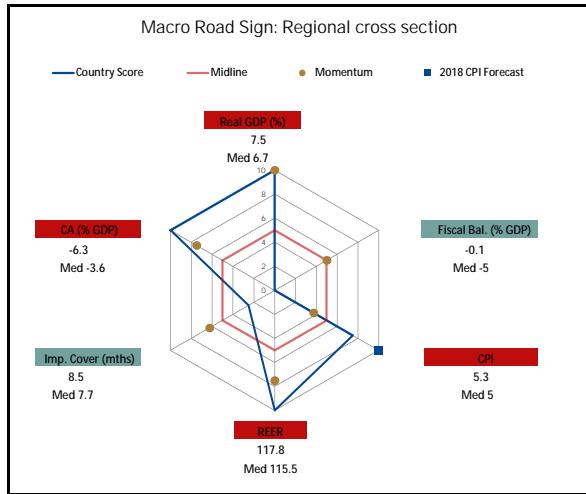


Macro Risk scores

1. External		2. Domestic			
Momentum ¹	Score ¹	2015	2016	2017e	Score ¹
100. 8.2	Current Acc.	11.4	-0.8	-6.3	9.9
100. 8.2	Trade Bal.	-26.5	-37.7	-41.9	10.0
7.8 3.8	Services Bal.	1.1	0.5	0.7	2.2
7.8 0.9	Income Bal.	1.6	1.3	1.8	0.3
5.2 8.3	Transfers Bal.	35.2	35.0	33.0	1.7
1.2 Capital Account (% GDP)					
0.1	Net FDI	0.2	0.5		
	Net Port. Flows				
100. 8.4	Net Ext. Flow ²	11.6	-0.3	-6.3	10.0
1.3 Current Account 2 (% GDP)					
7.2 0.4	CA Credits	10.3	10.0	10.9	0.5
9.7 4.2	Exports G&S	11.6	9.5	9.8	8.2
4.5	Remittances ³	65.5	65.8		
0.0 0.0	CA Debits	-7.8	-10.2	-12.5	0.0
1.4 Reserves (multiple reserves)					
6.1 9.7	Broad Money	2.6	2.7	3.0	5.9
5.0 8.4	Short term debt	4.4	4.4	5.3	9.4
9.3 8.6	Imp. Cover (mths)	12.4	10.2	8.5	3.8
1.5 Terms of Trade⁴					
1.4 8.8	Imports G&S	0.4	0.4	0.4	9.6
1.6 Capital Flight					
6.1 9.7	Broad Money	2.6	2.7	3.0	5.9
5.0 8.4	Short term debt	4.4	4.4	5.3	9.4
9.3 8.6	Imp. Cover (mths)	12.4	10.2	8.5	3.8
2.1 Fiscal Accounts (% GDP)					
0.0 2.2	Fiscal Bal.	1.0	1.4	-0.1	5.9
	Budget Rev.	21.1	23.3	23.8	0.2
	Budget exp.	20.1	21.9	23.9	10.0
2.2 Price Indicators (%)					
7.3 3.6	Dom. Cred. Growth	15.0	21.3	17.7	3.6
1.9 5.2	M2 Growth	25.0	17.6	18.0	3.1
7.1 0.1	CP ⁵	7.9	8.8	5.3	0.0
10.0 5.6	PPI	8.0	7.0	7.0	5.3
2.3 Other					
0.4 10.0	Real GDP (%)	3.3	0.4	7.5	9.9
7.9 9.2	REER ⁴	109.4	112.6	117.8	10.0
8.7 0.7	Real Rate	0.1	-1.8	1.8	0.1
3. Forecasts					
Real GDP (%)	7.5	4.7	5.4		
Fiscal Bal.	-0.1	-4.1	10.0	10.0	
Current Acc.	-6.3	-6.0	9.6	4.8	
CPI ⁵	5.3	6.7	0.8	8.5	
Real Rate ⁶	1.8	0.3	1.8	5.0	

¹10yr average est. percentile adjusted for direction (high # = high risk). Score is raw data (5 = average). Momentum is annual change in raw (5 = zero change).
²CA + Net FDI
³% C/A
⁴*10yr ave=100
⁵Current=latest monthly/other annual ave.
⁶Current MM Rate-Forecast CPI

Comparative Analysis (Cross Section)



Economic Structure

1.1 Size, Wealth & Growth		Median	Rank %				
ARank EM ¹	2017e	Regional	EM	EM 2012	EM	Region	
6	Nominal GDP \$	24.4	246.6	66.3	16	22	0
36	Real GDP %	7.5	6.7	3.7	60	98	100
-3	Population	29.3	164.7	16.9	66	63	25
1	GDP/Head (PPP)	2.7	5.5	12.9	6	7	0
	Labour Prod. %	4.2	1.9				
	Unempl. %	5.3	6.1				
1.2 GDP by Activity %							
-4	Private Con.	76.2	67.9	63.7	83	79	75
-3	Gov Con.	11.7	11.7	14.6	25	22	50
56	Investment	33.8	27.5	22.2	34	92	100
0	Stockbuilding	8.7	3.1	0.7	98	98	100
-11	External Bal.	-30.5	-6.5	-1.3	15	3	0
1.3 GDP by Sector %							
2	Agriculture	27.0	16.7	8.3	93	95	100
-2	Industry	13.5	28.7	30.4	5	3	0
-5	Services	51.5	56.3	58.7	32	26	25
1.3 Generalised Leverage (% GDP)							
	Net Debt	12.9	25.3				
10	Dom Credit Stock	87.7	62.2	56.4	69	80	100
8	M2 Stock	108.5	55.8	47.4	82	91	100
	Remittances ²	25.3	3.9				
	Tourism ²	0.2	7.1				
1.4 Openness (% GDP)							
0	Exports G&S	9.8	15.5	36.6	3	3	25
25	Imports G&S	42.0	21.1	39.9	27	53	100
18	Total Trade	51.8	39.4	74.4	9	28	100
1.5 Current Account Receipt Partner Breakdown							
	Exports (2016)	% Exports	% GDP				
#1 Partner	India	54.9	0.0				
#2 Partner	United States	11.9	0.0				
#3 Partner	Turkey	4.2	0.0				
	# Countries						
	% C/A Receipts						

Demographic Forecasts

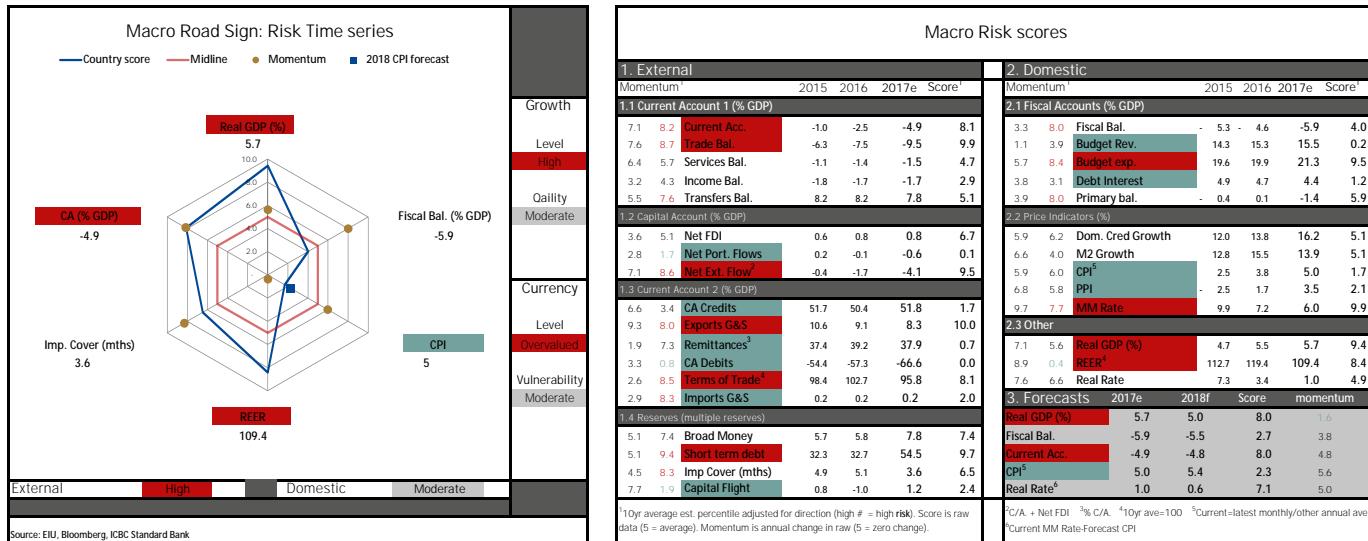
	Ave % Growth	EM Median	Rank %		
	2017	2027	2017-27	2017	2027
-1 Population (mm)	29.3	32.4	1.1	16.0	18.5
0 Urban Pop. (% total)	19.4	23.7	2.2	57.9	61.8
51 Working Age Pop. (% total)	63.3	67.8	0.7	65.6	64.6
-5 Dependency Ratio (retired)	9.2	10.2	1.1	9.6	12.9
-2 Retired/Child Ratio	18.8	27.4	4.6	23.0	35.4

Source: EIU, WB, UNDP, WEF, Bloomberg, Transparency International, ICBC Standard Bank

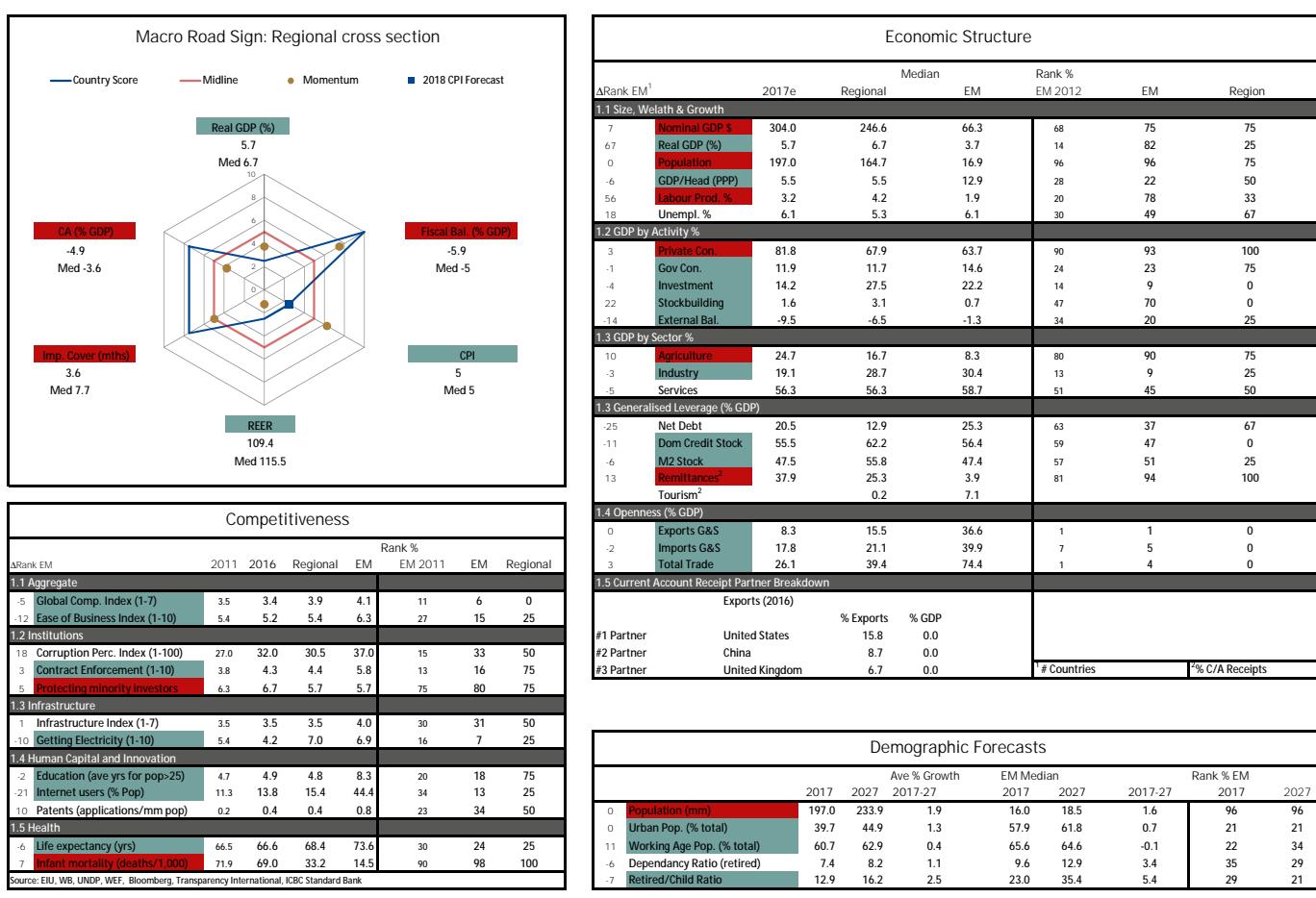
Pakistan

Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



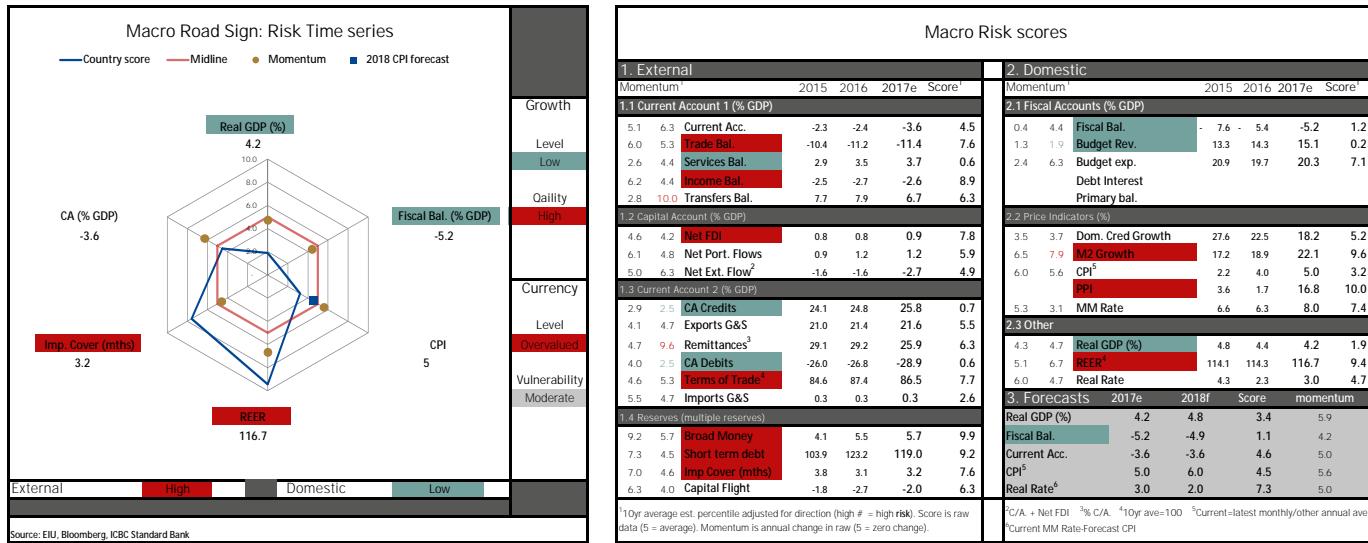
Comparative Analysis (Cross Section)



Sri Lanka

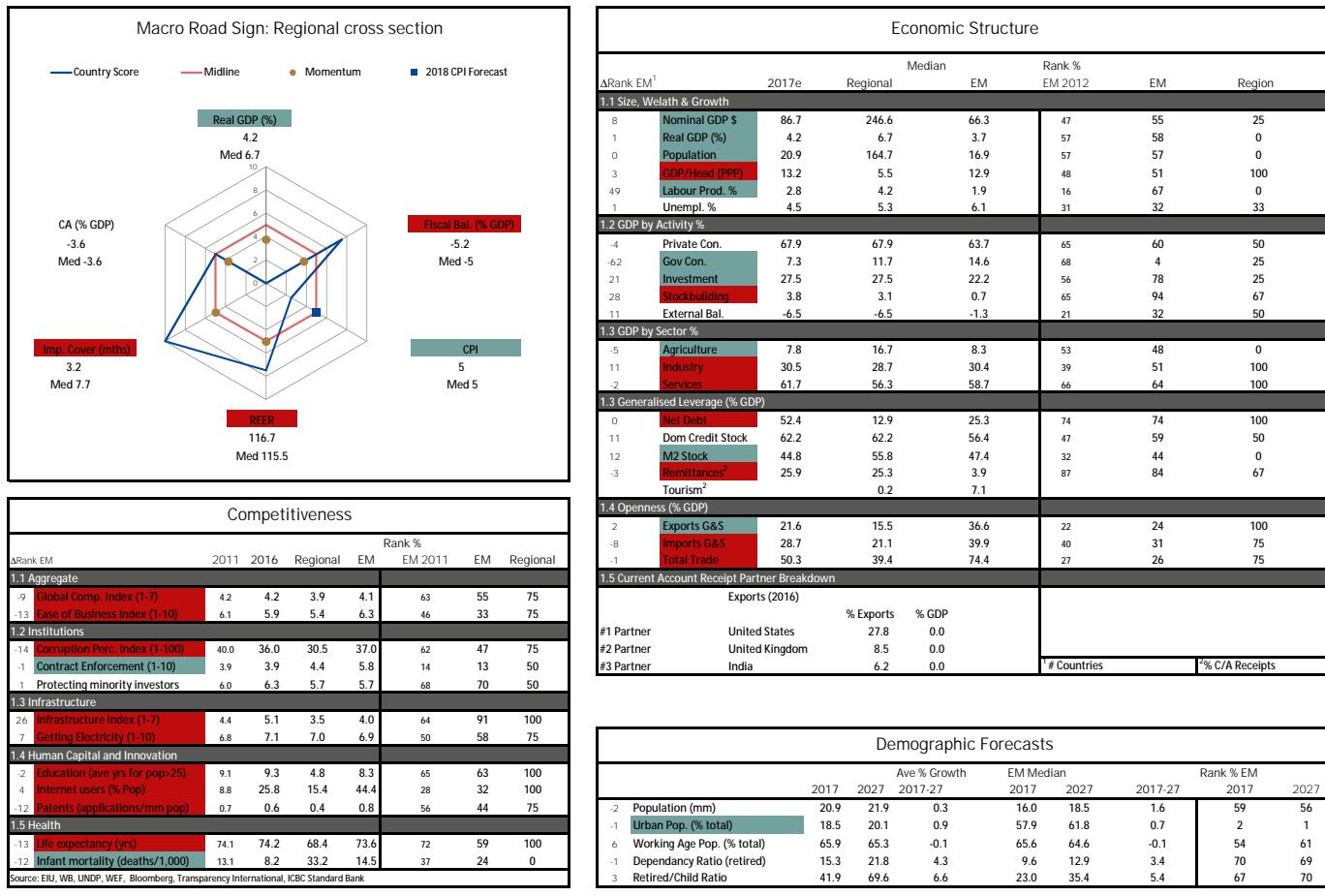
Risk Analysis (Time Series)

10yr History: Bottom quartile / low risk
Top quartile / high risk



Comparative Analysis (Cross Section)

Raw: Bottom quartile
Top quartile



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