



Introducing RiskMonitor's *Heatmap*, a visual check on all key changes on our quantitative outputs

The inclusion of a Dashboard & Heatmap section in each Monthly Comment aims at providing RiskMonitor users with a summary of “key quantitative outputs and dynamics” for the 100 Emerging Markets and Developing Economies covered by our tools. Outputs are quarterly, but we update the data on a monthly frequency.

The reading therefore concentrates on last values and quarterly changes, for all the quantitative outputs used in our tools.

We use color codes to separate “high” from “low” risk values on a relative basis, i.e. high risk means above the median value for all 100 countries and low risk means below this median value. Unless otherwise specified, all our averages (across 100 countries as well as per groups of countries or regions) are unweighted (i.e. simple arithmetic averages).



RiskMonitor Heatmap

From highest number of red boxes to lowest

(in Red if Signal)	Country Risk Premium	Eco&Fin Risk Rating	Political Risk Rating	Growth	Debt	Liquidity	Foreign Exchange	Cyclical	Banking System	(in Red if Signal)	Country Risk Premium	Eco&Fin Risk Rating	Political Risk Rating	Growth	Debt	Liquidity	Foreign Exchange	Cyclical	Banking System
YEM	964	64.4	89.4	97	56	60	100	100	13	MYS	223	52.2	40.6	32	65	40	50	66	67
LAO	606	49.6	63.8	51	45	72	60	58	51	PRY	517	34.2	55.6	37	31	13	63	56	28
IRN	480	37.4	66.4	58	47	4	59	63	53	HRV	253	49.7	36.2	31	67	50	48	50	55
CMR	763	46.3	69.6	62	57	58	60	44	20	ZMB	578	38.6	55.1	54	34	24	79	37	22
VEN	1137	62.4	82.3	54	41	52	83	100	100	VNM	331	46.1	55.2	23	28	35	72	52	61
NER	845	54.4	63.0	76	63	51	79	63	15	UAE	433	54.4	32.7	37	47	28	55	46	85
ARG	563	57.2	46.3	90	69	44	33	88	30	AZE	415	35.1	63.2	31	58	11	35	61	25
BRA	586	47.5	50.8	53	28	44	48	56	60	TUN	343	48.7	51.4	61	61	40	26	48	55
KHM	378	50.2	64.5	41	21	11	79	71	73	MM	687	43.1	66.8	41	6	26	74	52	38
TZA	426	36.7	57.9	61	25	23	68	71	15	GNB	656	38.3	74.7	49	16	33	86	48	19
GIN	657	39.5	67.5	71	26	18	79	77	20	GTM	321	39.4	60.1	42	18	21	59	58	35
LBY	855	50.8	88.6	14	53	0	86	100	43	PER	571	39.8	49.2	42	14	21	61	58	33
SDN	1149	55.1	82.7	96	54	51	15	100	22	COM	503	30.0	64.1	56	25	3	40	39	26
PAN	539	60.9	43.7	59	50	71	62	54	63	SLV	319	45.5	54.0	48	41	41	60	45	45
DMA	412	47.7	34.5	86	69	43	56	79	30	CRI	355	42.9	33.9	52	23	26	64	38	53
SYC	970	57.4	39.5	59	70	61	59	35	57	BIH	308	43.4	54.0	42	60	25	51	43	47
TGO	507	43.2	64.4	56	25	50	57	25	43	TWN	148	44.2	21.3	26	53	8	51	51	69
LKA	321	50.8	49.8	51	41	52	72	36	48	SAU	411	37.9	53.2	32	56	7	50	41	36
TUR	569	55.6	57.2	59	46	55	34	59	64	PHL	313	34.4	54.2	38	21	13	45	58	45
KEN	708	46.2	58.7	59	57	26	67	58	24	MDG	397	32.4	63.4	43	8	19	34	51	17
COD	809	43.4	84.2	52	3	53	78	80	13	COG	992	56.4	72.1	47	54	51	68	58	23
PAK	645	50.4	68.0	62	34	33	74	61	37	AGO	639	51.5	69.9	47	45	14	42	70	34
MNG	570	58.2	47.0	49	100	63	33	71	47	BFA	508	46.9	55.3	59	29	44	55	29	23
JOR	380	52.8	48.7	70	39	20	70	64	59	CHL	350	52.0	24.9	44	45	52	56	31	58
ECU	689	45.3	57.7	49	32	43	85	55	26	RUS	504	41.0	62.3	24	51	8	49	49	41
MUS	148	52.4	29.5	42	62	42	50	56	64	URY	354	43.1	26.5	46	52	31	61	60	24
DZA	478	37.9	66.1	72	32	1	61	41	45	KOR	264	46.4	28.1	30	47	23	54	55	62
KWT	402	43.2	51.2	43	46	10	62	58	58	NPL	350	44.9	61.3	45	20	11	88	41	55
CIV	641	40.1	60.1	55	17	43	56	36	32	MOZ	669	40.8	65.0	80	43	39	33	27	30
QAT	485	58.6	39.8	44	94	41	50	69	79	GAB	602	37.0	63.6	61	20	16	32	55	14
NGA	587	32.1	69.1	45	15	9	65	36	43	BRN	272	34.1	34.5	39	53	9	62	43	27
HND	612	37.9	60.8	47	14	19	69	48	46	SRB	270	41.8	47.3	39	46	33	42	46	50
SEN	421	42.4	48.0	58	23	52	58	33	25	ISR	233	38.1	29.7	35	32	9	68	48	48
ARM	311	42.3	53.6	50	52	33	58	65	41	MAR	318	42.5	53.4	54	26	26	38	45	57
ZAF	334	46.0	43.0	64	42	24	49	50	53	COL	384	40.0	50.7	60	25	25	41	38	37
IDN	405	42.8	50.4	49	29	33	72	62	33	GEO	293	41.7	36.5	44	48	31	52	32	41
POL	97.5	44.8	31.2	31	49	50	46	35	48	THA	285	41.7	53.2	24	37	8	64	47	63
CPV	286	38.4	34.5	41	45	10	57	54	54	MEX	377	33.1	54.5	50	20	28	34	36	26
OMN	406	48.2	43.7	70	67	13	60	53	51	ALB	267	43.5	46.6	49	35	22	52	68	36
CHN	445	44.2	55.1	26	48	17	80	64	60	EGY	739	44.0	66.5	41	44	26	37	53	60
BHR	399	57.7	52.5	57	61	50	51	50	86	BLR	351	42.4	60.5	37	43	57	31	47	42
KAZ	581	50.8	56.1	38	53	56	52	80	23	IND	292	41.2	49.4	40	10	9	66	54	48
BEN	701	48.9	53.5	54	46	49	47	60	19	BGR	202	40.0	41.3	27	41	10	61	44	49
UKR	544	49.1	61.8	41	53	41	40	74	38	GHA	332	38.8	45.1	46	18	21	73	59	33
MLI	540	44.2	65.3	58	18	46	68	42	23	RWA	351	35.3	46.7	49	51	39	21	47	15
MNE	280	45.7	44.7	57	41	53	37	56	50	DOM	346	33.0	51.6	30	20	34	43	39	31
ETH	790	46.7	68.8	61	17	40	82	32	29	ROU	199	39.6	41.7	43	34	36	45	51	29
HUN	231	57.3	35.7	29	81	53	74	42	56	MKD	310	43.1	47.9	37	43	42	53	46	38
CZE	180	57.6	24.2	38	67	42	65	45	81										
BGD	352	38.6	65.1	42	10	19	76	56	43										
UGA	327	28.8	59.4	64	21	21	57	59	14										
BOL	664	42.4	59.8	59	35	17	54	47	46										

■ High risk and Deterioration over last quarter
■ High risk and Improvement over last quarter
■ Low risk and Deterioration over last quarter
■ Low risk and Improvement over last quarter



Key take-aways from the *Heatmap*

The *Heatmap* provides a wealth of information that we tried to design in an easy-to-read one-page section.

We have here all critical outputs from our RiskMonitor tool, from the broadest gauge on the left-hand side of the table (Country Risk Premium), then the two risk ratings (Economic & Financial, Political & Governance), and then the six Fundamental Balances that are behind the Economic & Financial Risk rating. The way the table is presented is by counting the number of red, then orange, then light green boxes for each country.

Focusing very simply on the top 10 and bottom 10 countries in this table, we have a fair view of level / dynamics of risk differentiation.

Beyond “crisis-stricken” Yemen and Venezuela, we find here Iran, Cameroon, Argentina and Brazil: we know for sure that risks are high and needs a constant monitoring for these countries.

Symmetrically, only India within the 10KeyEM is among the best 10 countries in the Heatmap, where we find also some Eastern European countries (Romania, Bulgaria, North Macedonia [MKD]) and Egypt. This would suggest a more “aggressive” or “opportunity-seeking” plans for these countries.

We can also choose to focus only on the dynamic side of the Heatmap, i.e. looking for the dark red and light green boxes for identifying the deterioration compared to the previous quarter: here, we find a number of African countries (Guinea, DRC [noted with the ISO code COD in the table], Tanzania, Cameroon and Niger); but interestingly, we find also a large number of African countries with the largest number of improvements over a quarter, though mostly for countries having a high initial risk: this would however suggest an initial interest in checking indeed the exit from difficulties and potential attractive opportunities now: we find here Gabon, Angola, Rwanda as well as Congo, which is negotiating a debt restructuring and should exit on the positive side. We note also Russia as the one among our 10KeyEM showing the largest number of improvements.