International Debt Statistics

Wireframe Documentation

Homepage

1. **The World Bank's international debt data:**

Total No of Fields	Total Available Records
65	77,384

Country Debts

Country Name: Russian Federation
Total debt: 172,552,845,983,022.41

© 2022 Mapbox © OpenStreetMap   ~5000 mi

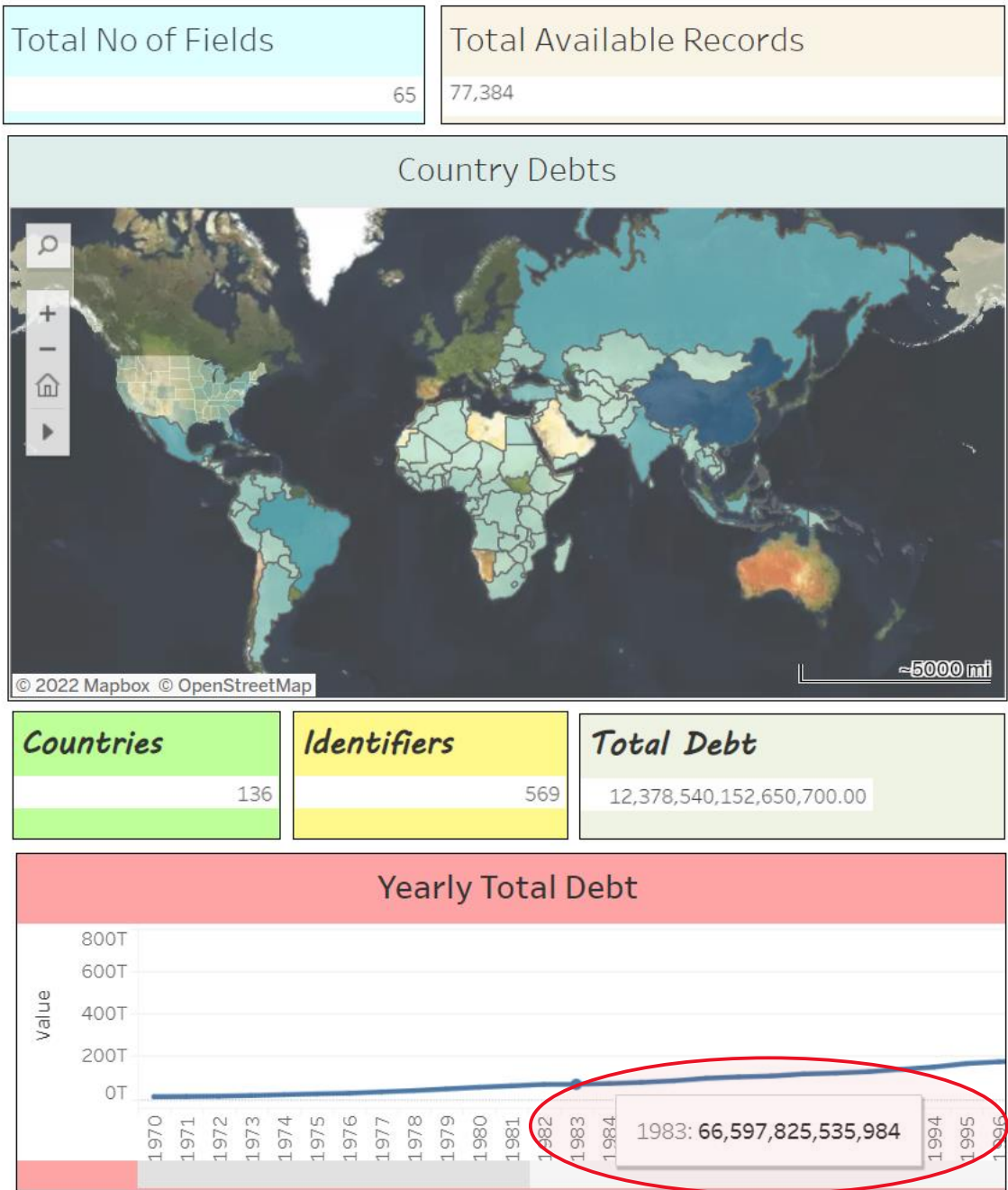| Countries	Identifiers	Total Debt
136	569	12,378,540,152,650,700.00

Yearly Total Debt
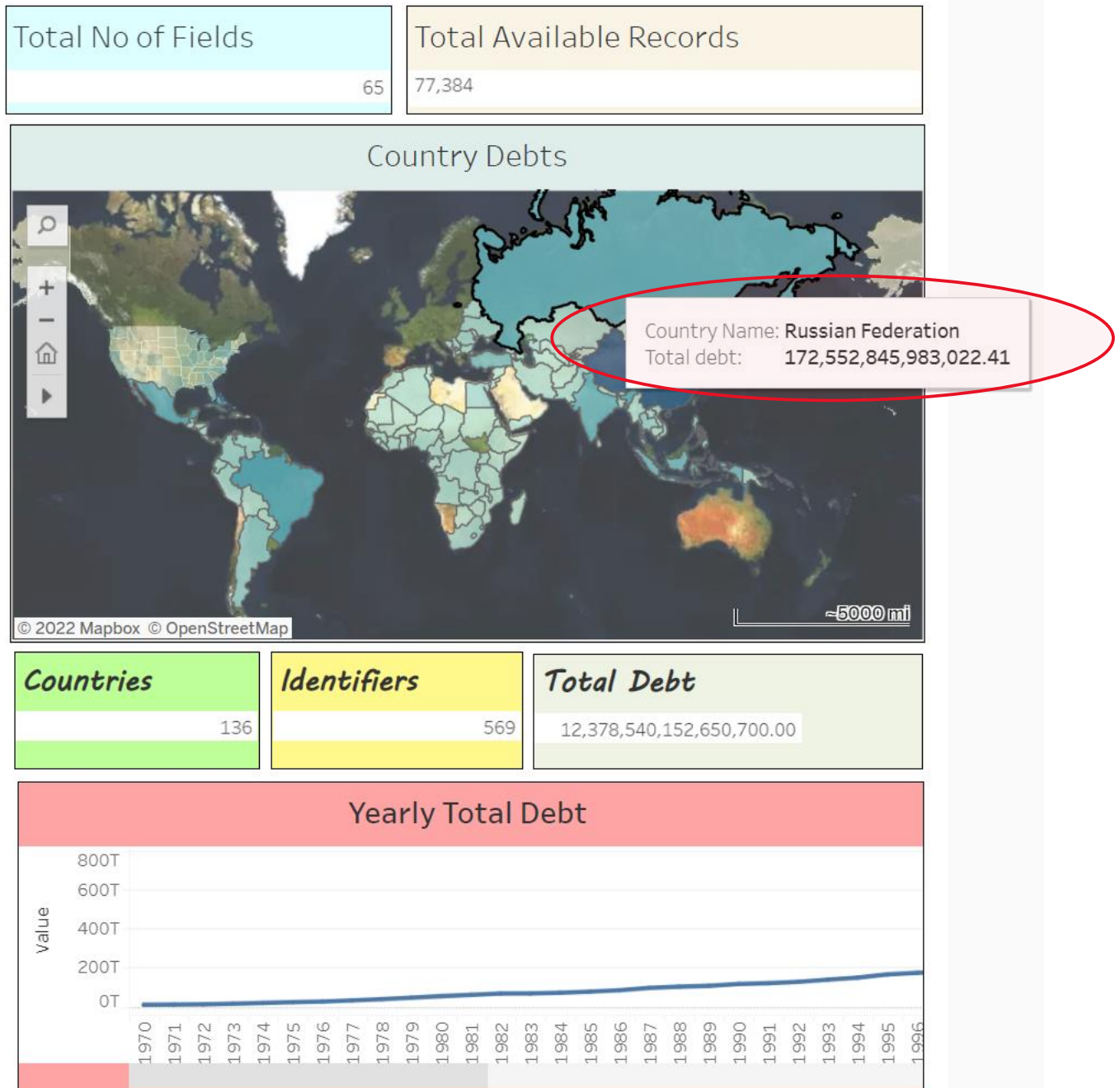
This is a simple Dashboard which explains about **The World Bank's international debt data.** The top section of the Dashboard contains two cells. One says no of records available, and the other one tells the no of attributes in the Dataset.

The next one says about the Total Debt a country has taken till date using a geospatial visualization. Placing cursor on each country will pop out a tooltip information about the Debt.

The next section contains three vital information.

- The no of countries which we have data about.
- The unique no of Indicators of Debt.
- The total Debt World Bank as given till Data.

The last section contains a line graph showing year wise Debt World Bank has given. Hovering on the line will show the Total Debt given on that year respectively. A screenshot of that is shown below.

Total No of Fields		Total Available Records	
	65	77,384	

Country Debts

© 2022 Mapbox © OpenStreetMap   ~5000 mi

Countries		Identifiers		Total Debt	
	136		569	12,378,540,152,650,700.00	

Yearly Total Debt

1983: 66,597,825,535,984

Shown above a basic outline information about the Data.

2. Finding the number of distinct countries

The answer can be seen from previous task output. The number of distinct countries shown in Data are **136**.

Countries	Identifiers	Total Debt
136	569	12,378,540,152,650,700.00

But there are some exceptions. Look at the data very carefully, we can exclude few Data as they are not countries but regions. Excluding them will result in **126 countries**.

Excluded Data

- LMY - Low & middle income
- MIC - Middle income
- UMC - Upper middle income
- LMC - Lower middle income
- EAP - East Asia & pacific
- LAC - Latin America & Caribbean
- ECA - Europe and central Asia
- MNA - Middle east & North Africa
- LDC - Least Developed countries: UN classification
- SA - Sub-Saharan Africa

2) Finding the number of distinct countries

Country Code	Country Name	S.NO
LKA	Sri Lanka	112
LCA	St. Lucia	113
VCT	St. Vincent and the ..	114
SSA	Sub-Saharan Africa ..	115
SDN	Sudan	116
SYR	Syrian Arab Republic	117
TJK	Tajikistan	118
TZA	Tanzania	119
THA	Thailand	120
TLS	Timor-Leste	121
TGO	Togo	122
TON	Tonga	123
TUN	Tunisia	124
TUR	Turkey	125
TKM	Turkmenistan	126
UGA	Uganda	127
UKR	Ukraine	128
UMC	Upper middle income	129
UZB	Uzbekistan	130
VUT	Vanuatu	131
VEN	Venezuela, RB	132
VNM	Vietnam	133
YEM	Yemen, Rep.	134
ZMB	Zambia	135
ZWE	Zimbabwe	136

Countries

136

Distinct count of Country Code.

Excluded Entries

Country Code	S.NO
EAP	1
ECA	2
LAC	3
LDC	4
LIC	5
LMC	6
LMY	7
MIC	8
MNA	9
SSA	10

Unique

126

Distinct countreis after excluding the above region Data

3. Finding out the distinct debt indicators

Debt indicators are nothing but Series names. Unique number of series names is found in 1st Question output. There are totally 569 distinct Debt indicators.

Countries	Identifiers	Total Debt
13	569	12,378,540,152,650,700.00

A separate worksheet which we have created uniquely for this Question is shown below. If we drag to the bottom of the worksheet and check the S.No Column, we can see that there are 569 entries in the column which means that there are 569 distinct debt indicators.
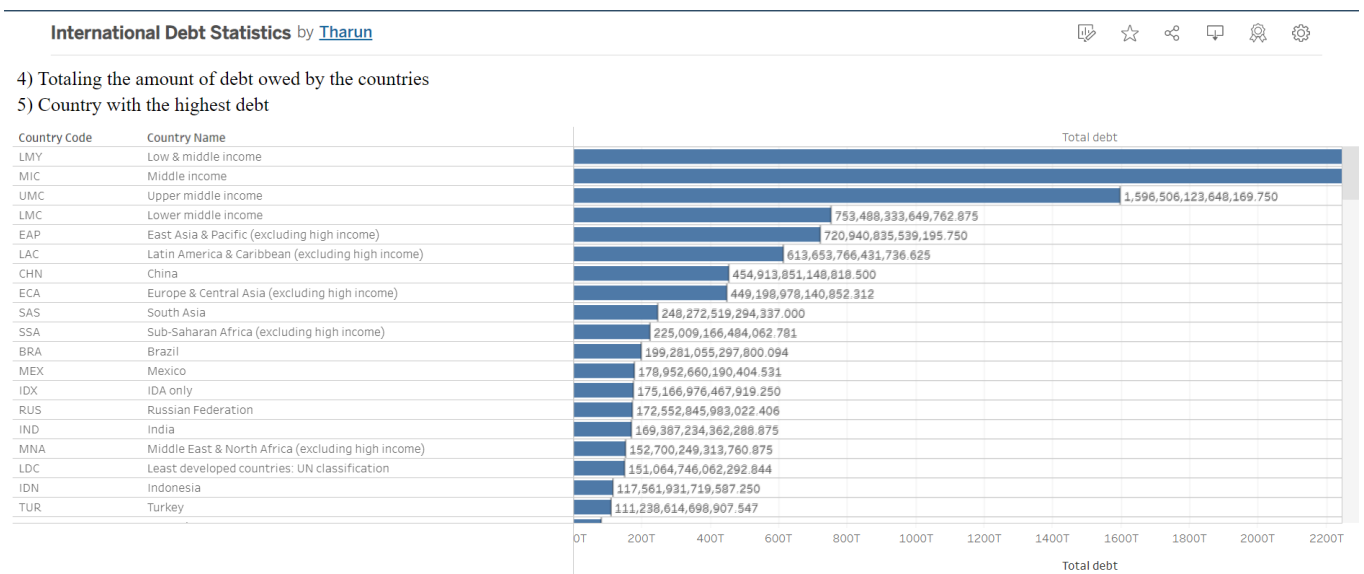
3) Finding out the distinct debt indicators

There are 569 distinct Debt indicators. **Drag to bottom of the page to see it**

S.No	Series Code	Series Name	Avg Debt
		CB, other private creditors (TDS, c...	
550	DT.TDS.PROP.CD	PPG, other private creditors (TDS, ...	24,556,305,909
551	DT.TDS.PROP.GG.CD	GG, other private creditors (TDS, c...	7,367,532,756
552	DT.TDS.PROP.OPS.CD	OPS, other private creditors (TDS, ...	19,561,753,130
553	DT.TDS.PROP.PRVG.CD	PRVG, other private creditors (TD...	275,317,783
554	DT.TDS.PROP.PS.CD	PS, other private creditors (TDS, c...	27,261,369,072
555	DT.TDS.PRPG.CD	Debt service on external debt, priv...	1,649,343,988
556	DT.TDS.PRVT.CB.CD	CB, private creditors (TDS, current...	4,702,888,982
557	DT.TDS.PRVT.CD	PPG, private creditors (TDS, curre...	163,230,231,871
558	DT.TDS.PRVT.GG.CD	GG, private creditors (TDS, curren...	129,602,704,740
559	DT.TDS.PRVT.OPS.CD	OPS, private creditors (TDS, curre...	92,330,964,751
560	DT.TDS.PRVT.PRVG.CD	PRVG, private creditors (TDS, curr...	928,465,109
561	DT.TDS.PRVT.PS.CD	PS, private creditors (TDS, current...	226,869,098,082
562	DT.TXR.DPPG.CD	Total amount of debt rescheduled ...	26,339,617,656
563	DT.UND.DPPG.CD	Undisbursed external debt, total (...	497,853,377,483
564	DT.UND.OFFT.CD	Undisbursed external debt, officia...	410,510,208,788
565	DT.UND.PRVT.CD	Undisbursed external debt, privat...	87,343,240,301
566	FI.RES.TOTL.CD	Total reserves (includes gold, curr...	3,322,192,675,585
567	FI.RES.TOTL.DT.ZS	Total reserves (% of total external...	2,117
568	FI.RES.TOTL.MO	Total reserves in months of imports	137
569	NY.GNP.MKTP.CD	GNI (current US$)	1.

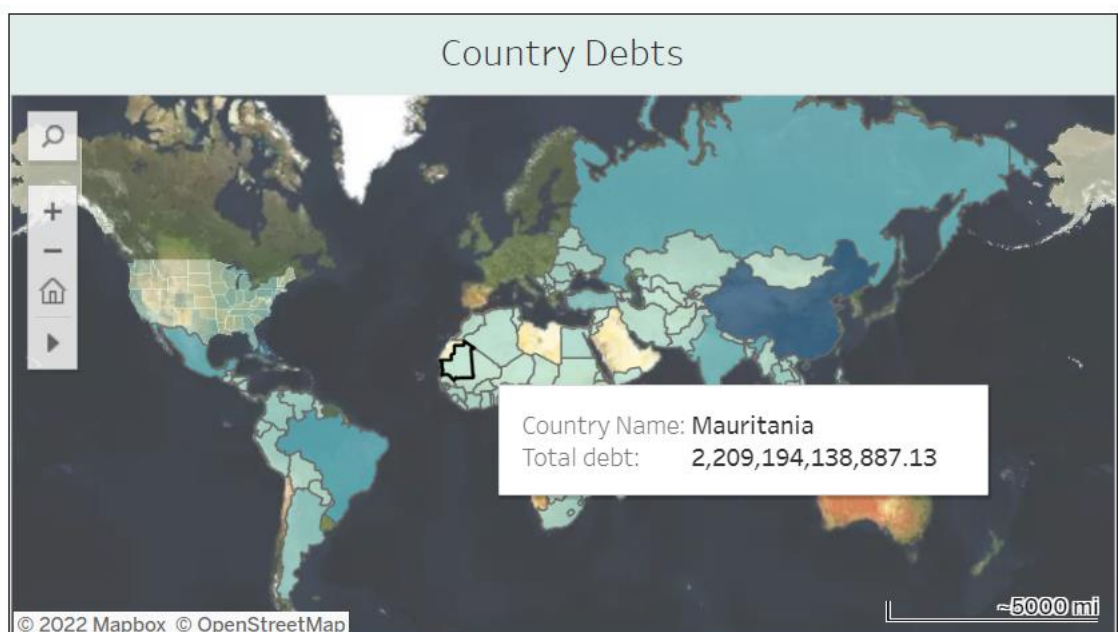0T 2T 4T 6T 8T 10T 12T 14T 16T

Avg Debt

Shown below the excel sheet screenshot of the Meta Data provided about the distinct indicators. Check the bottom of the screen to see the total number of distinct indicator Data available.

	A	B	C	D
1	Code	License Type	Indicator Name	Short definition
2	DT.GPA.DPPG		Average grace period on new external debt commitments (years)	Grace period is the period from the date of signature of the loan or the issue of the fin
3	DT.GPA.OFFT		Average grace period on new external debt commitments, official (years)	Grace period is the period from the date of signature of the loan or the issue of the fin
4	DT.GPA.PRVT		Average grace period on new external debt commitments, private (years)	Grace period is the period from the date of signature of the loan or the issue of the fin
5	DT.GRE.DPPG		Average grant element on new external debt commitments (%)	The grant element of a loan is the grant equivalent expressed as a percentage of the a
6	DT.GRE.OFFT		Average grant element on new external debt commitments, official (%)	The grant element of a loan is the grant equivalent expressed as a percentage of the a
7	DT.GRE.PRVT		Average grant element on new external debt commitments, private (%)	The grant element of a loan is the grant equivalent expressed as a percentage of the a
8	DT.INR.DPPG		Average interest on new external debt commitments (%)	Interest represents the average interest rate on all new public and publicly guaranteed
9	DT.INR.OFFT		Average interest on new external debt commitments, official (%)	Interest represents the average interest rate on all new public and publicly guaranteed
10	DT.INR.PRVT		Average interest on new external debt commitments, private (%)	Interest represents the average interest rate on all new public and publicly guaranteed
11	DT.MAT.DPPG		Average maturity on new external debt commitments (years)	Maturity is the number of years to original maturity date, which is the sum of grace an
12	DT.MAT.OFFT		Average maturity on new external debt commitments, official (years)	Maturity is the number of years to original maturity date, which is the sum of grace an
13	DT.MAT.PRVT		Average maturity on new external debt commitments, private (years)	Maturity is the number of years to original maturity date, which is the sum of grace an
14	DT.AMT.BLAT.CB.CD		CB, bilateral (AMT, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen
15	DT.DIS.BLAT.CB.CD		CB, bilateral (DIS, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen
16	DT.DOD.BLAT.CB.CD		CB, bilateral (DOD, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen
17	DT.INT.BLAT.CB.CD		CB, bilateral (INT, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen
18	DT.NFL.BLAT.CB.CD		CB, bilateral (NFL, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen
19	DT.NTR.BLAT.CB.CD		CB, bilateral (NTR, current US$)	Central bank bilateral debt includes Central bank debt with bilateral creditors. The cen

IDS_SeriesMetaData

Ready   Accessibility: Unavailable   Count: 569   100%

4. Totaling the amount of debt owed by the countries

4) Totaling the amount of debt owed by the countries
5) Country with the highest debt

Country Code	Country Name	Total debt
LMY	Low & middle income	
MIC	Middle income	
UMC	Upper middle income	1,596,506,123,648,169.750
LMC	Lower middle income	753,488,333,649,762.875
EAP	East Asia & Pacific (excluding high income)	720,940,835,539,195.750
LAC	Latin America & Caribbean (excluding high income)	613,653,766,431,736.625
CHN	China	454,913,851,148,818.500
ECA	Europe & Central Asia (excluding high income)	449,198,978,140,852.312
SAS	South Asia	248,272,519,294,337.000
SSA	Sub-Saharan Africa (excluding high income)	225,009,166,484,062.781
BRA	Brazil	199,281,055,297,800.094
MEX	Mexico	178,952,660,190,404.531
IDX	IDA only	175,166,976,467,919.250
RUS	Russian Federation	172,552,845,983,022.406
IND	India	169,387,234,362,288.875
MNA	Middle East & North Africa (excluding high income)	152,700,249,313,760.875
LDC	Least developed countries: UN classification	151,064,746,062,292.844
IDN	Indonesia	117,561,931,719,587.250
TUR	Turkey	111,238,614,698,907.547

Total debt axis: 0T 200T 400T 600T 800T 1000T 1200T 1400T 1600T 1800T 2000T 2200T
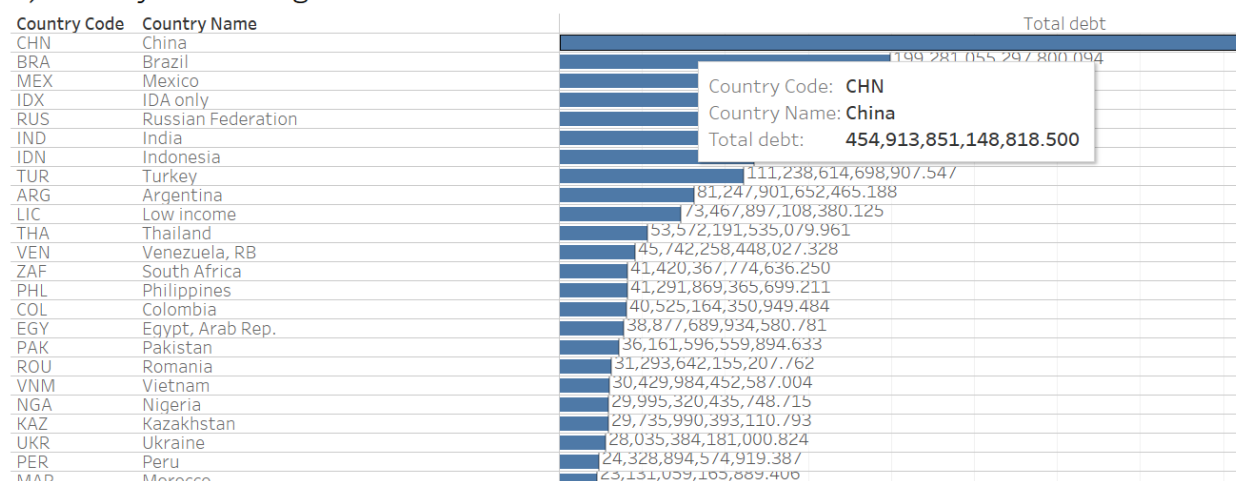
Total debt

Shown above the Country wise Debt textually. The output is sorted according to Total Debt in Descending order. Country with highest debt tops the list. **The same is shown graphically in 1ˢᵗ Qn**. Its screenshot is attached below.

Country Debts

Country Name: Mauritania
Total debt: 2,209,194,138,887.13

© 2022 Mapbox © OpenStreetMap   ~5000 mi
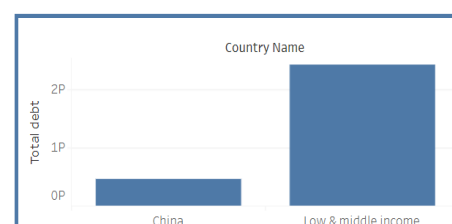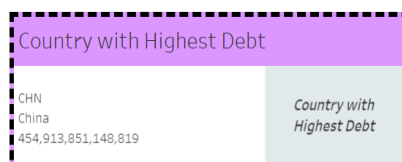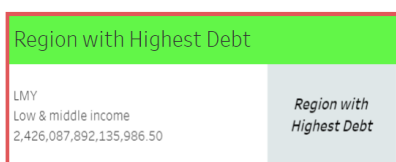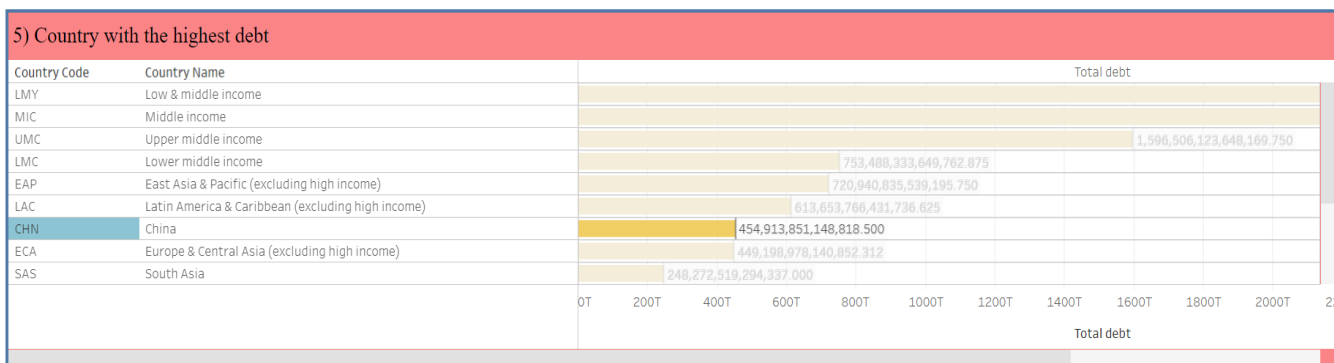
5. Country with the highest debt

The answer is obvious from the previous plot. But if we look at the previous plot carefully, we can see the top countries as "Low & middle income", "Middle income" which are not countries, but regions. Filtering them out and finding the country with Highest Debt, we find **China** has got the highest Debt. A filtered country graph is shown below.

5) Country with the highest debt

Country Code	Country Name	Total debt
CHN	China	
BRA	Brazil	199,281,055,297,800,094
MEX	Mexico	
IDX	IDA only	
RUS	Russian Federation	
IND	India	
IDN	Indonesia	
TUR	Turkey	111,238,614,698,907.547
ARG	Argentina	81,247,901,652,465.188
LIC	Low income	73,467,897,108,380.125
THA	Thailand	53,572,191,535,079.961
VEN	Venezuela, RB	45,742,258,448,027.328
ZAF	South Africa	41,420,367,774,636.250
PHL	Philippines	41,291,869,365,699.211
COL	Colombia	40,525,164,350,949.484
EGY	Egypt, Arab Rep.	38,877,689,934,580.781
PAK	Pakistan	36,161,596,559,894.633
ROU	Romania	31,293,642,155,207.762
VNM	Vietnam	30,429,984,452,587.004
NGA	Nigeria	29,995,320,435,748.715
KAZ	Kazakhstan	29,735,990,393,110.793
UKR	Ukraine	28,035,384,181,000.824
PER	Peru	24,328,894,574,919.387
MAR	Morocco	23,131,059,165,889.406

Tooltip:
Country Code: CHN
Country Name: China
Total debt: 454,913,851,148,818.500
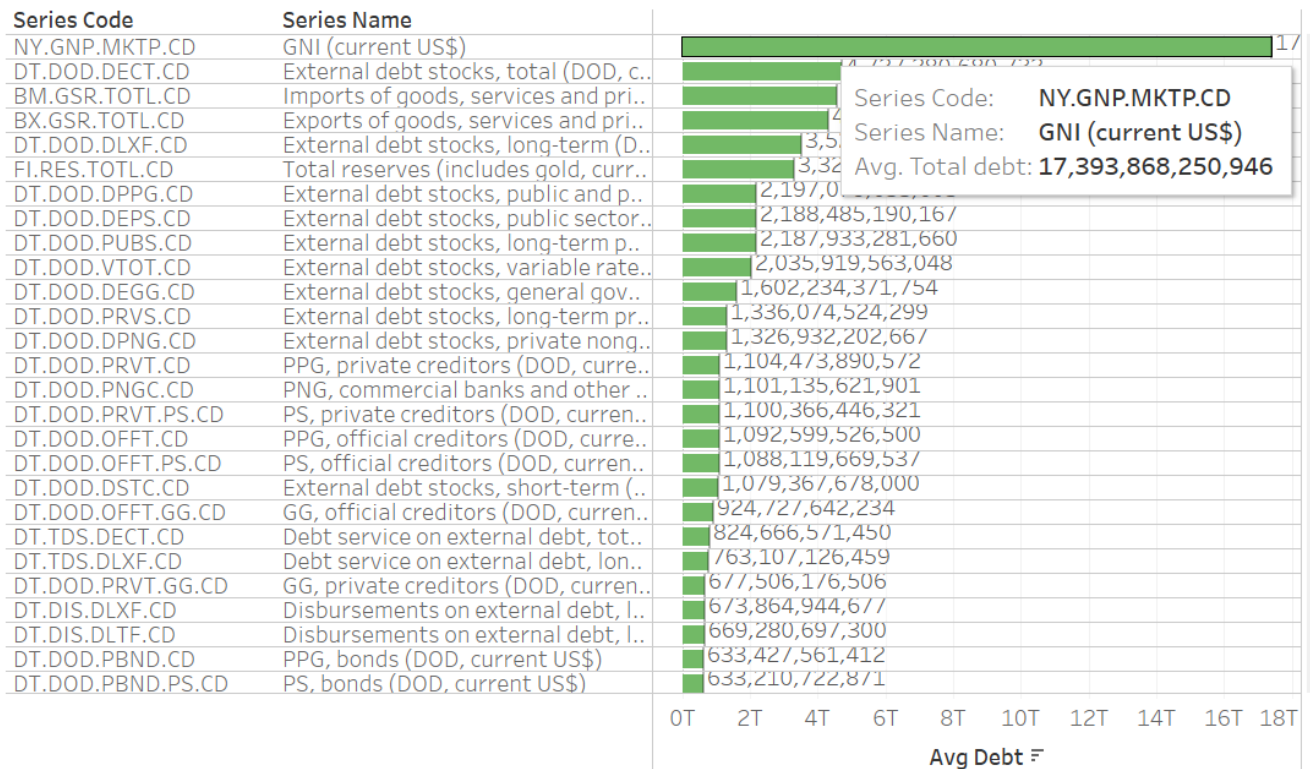
Excluded Data:

- LMY - Low & middle income
- MIC - Middle income
- UMC - Upper middle income
- LMC - Lower middle income
- EAP - East Asia & pacific
- LAC - Latin America & Caribbean
- ECA - Europe and central Asia
- MNA - Middle east & North Africa
- LDC - Least Developed countries: UN classification
- SA - Sub-Saharan Africa

5) Country with the highest debt

Country Code	Country Name	Total debt
LMY	Low & middle income	
MIC	Middle income	
UMC	Upper middle income	1,596,506,123,648,169.750
LMC	Lower middle income	753,488,333,649,762.875
EAP	East Asia & Pacific (excluding high income)	720,940,835,539,195.750
LAC	Latin America & Caribbean (excluding high income)	613,653,766,431,736.625
CHN	China	454,913,851,148,818.500
ECA	Europe & Central Asia (excluding high income)	449,198,978,140,852.312
SAS	South Asia	248,272,519,294,337.000

Total debt axis: 0T, 200T, 400T, 600T, 800T, 1000T, 1200T, 1400T, 1600T, 1800T, 2000T, 22

Region with Highest Debt
LMY
Low & middle income
2,426,087,892,135,986.50
Region with Highest Debt

Country with Highest Debt
CHN
China
454,913,851,148,819
Country with Highest Debt

Country Name
(Bar chart: Total debt axis 0P, 1P, 2P; China, Low & middle income)

6. Average amount of debt across indicators

Shown below the crosstab output of series codes with Total Debt aggregated with Mean. The output is sorted with respect to Avg Debt column in descending order.

6) Average amount of debt across indicators

Series Code	Series Name	Avg Debt
NY.GNP.MKTP.CD	GNI (current US$)	17...
DT.DOD.DECT.CD	External debt stocks, total (DOD, c..	
BM.GSR.TOTL.CD	Imports of goods, services and pri..	
BX.GSR.TOTL.CD	Exports of goods, services and pri..	
DT.DOD.DLXF.CD	External debt stocks, long-term (D..	3,5..
FI.RES.TOTL.CD	Total reserves (includes gold, curr..	3,32..
DT.DOD.DPPG.CD	External debt stocks, public and p..	2,197,0..
DT.DOD.DEPS.CD	External debt stocks, public sector..	2,188,485,190,167
DT.DOD.PUBS.CD	External debt stocks, long-term p..	2,187,933,281,660
DT.DOD.VTOT.CD	External debt stocks, variable rate..	2,035,919,563,048
DT.DOD.DEGG.CD	External debt stocks, general gov..	1,602,234,371,754
DT.DOD.PRVS.CD	External debt stocks, long-term pr..	1,336,074,524,299
DT.DOD.DPNG.CD	External debt stocks, private nong..	1,326,932,202,667
DT.DOD.PRVT.CD	PPG, private creditors (DOD, curre..	1,104,473,890,572
DT.DOD.PNGC.CD	PNG, commercial banks and other ..	1,101,135,621,901
DT.DOD.PRVT.PS.CD	PS, private creditors (DOD, curren..	1,100,366,446,321
DT.DOD.OFFT.CD	PPG, official creditors (DOD, curre..	1,092,599,526,500
DT.DOD.OFFT.PS.CD	PS, official creditors (DOD, curren..	1,088,119,669,537
DT.DOD.DSTC.CD	External debt stocks, short-term (..	1,079,367,678,000
DT.DOD.OFFT.GG.CD	GG, official creditors (DOD, curren..	924,727,642,234
DT.TDS.DECT.CD	Debt service on external debt, tot..	824,666,571,450
DT.TDS.DLXF.CD	Debt service on external debt, lon..	763,107,126,459
DT.DOD.PRVT.GG.CD	GG, private creditors (DOD, curren..	677,506,176,506
DT.DIS.DLXF.CD	Disbursements on external debt, l..	673,864,944,677
DT.DIS.DLTF.CD	Disbursements on external debt, l..	669,280,697,300
DT.DOD.PBND.CD	PPG, bonds (DOD, current US$)	633,427,561,412
DT.DOD.PBND.PS.CD	PS, bonds (DOD, current US$)	633,210,722,871

Tooltip:
Series Code: NY.GNP.MKTP.CD
Series Name: GNI (current US$)
Avg. Total debt: **17,393,868,250,946**

0T   2T   4T   6T   8T   10T   12T   14T   16T   18T
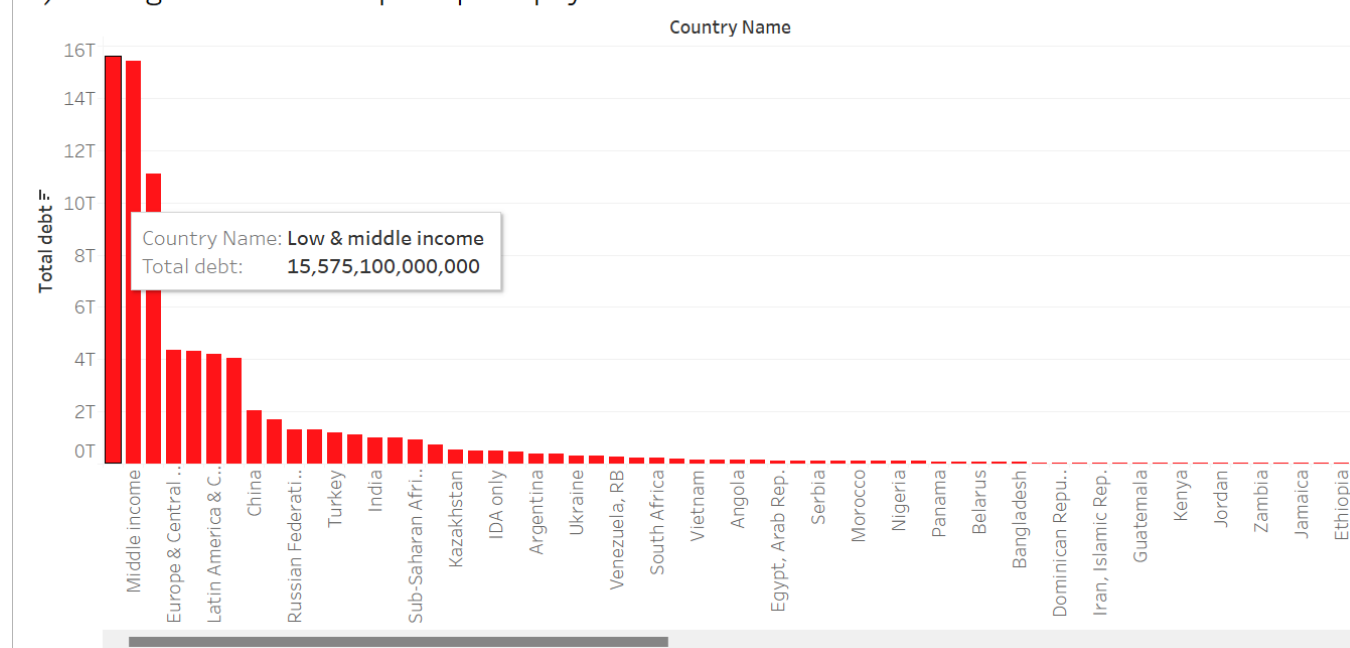
Avg Debt ≡

7. The highest amount of principal repayments

Principal repayments refer the Series code DT.AMT.DLFX.CD, and its details are shown below

SERIES CODE	DT.AMT.DLXF.CD
INDICATOR NAME	Principal repayments on external debt, long-term (AMT, current US$)
SHORT DEFINITION	Principal repayments on long-term debt are actual amounts of principal (amortization) paid by the borrower in currency, goods, or services in the year specified. Long-term external debt is defined as debt that has an original or extended maturity of more than one year and that is owed to nonresidents by residents of an economy and repayable in currency, goods, or services. Data are in current U.S. dollars.
LONG DEFINITION	Principal repayments on long-term debt are actual amounts of principal (amortization) paid by the borrower in currency, goods, or services in the year specified. Long-term external debt is defined as debt that has an original or extended maturity of more than one year and that is owed to nonresidents by residents of an economy and repayable in currency, goods, or services. Data are in current U.S. dollars.
SOURCE	World Bank, International Debt Statistics.
TOPIC	Economic Policy & Debt: External debt: Amortization
DATASET	International Debt Statistics
PERIODICITY	Annual
AGGREGATION METHOD	Sum

7) The highest amount of principal repayments

8. The most common debt indicator

We can see that all the Debt indicators have same frequency and is equally distributed. There is no most commonly found indicator in the Data. In extreme case, we can interpret that that **NY.GNP.MKTP.CD** has highest Debt amount, and most Debt most Debt amount has this Indicator or series in common.

SERIES CODE	NY.GNP.MKTP.CD
LICENSE TYPE	CC BY-4.0
INDICATOR NAME	GNI (current US$)
DEFINITION	GNI (formerly GNP) is the sum of value added by all resident producers plus any product taxes (less subsidies) not included in the valuation of output plus net receipts of primary income (compensation of employees and property income) from abroad. Data are in current U.S. dollars.
SOURCE	World Bank national accounts data, and OECD National Accounts data files.
PERIODICITY	Annual
AGGREGATION METHOD	Gap-filled total

8) The most common debt indicator

Series Code	Count of Series Code	Total debt
NY.GNP.MKTP.CD	136.0	2,365,566,082,128,634.0
DT.DOD.DECT.CD	136.0	642,910,172,579,536.0
BM.GSR.TOTL.CD	136.0	622,950,021,850,114.0
BX.GSR.TOTL.CD	136.0	585,765,948,541,702.0
DT.DOD.DLXF.CD	136.0	479,265,185,425,131.6
FI.RES.TOTL.CD	136.0	451,818,203,879,566.1
DT.DOD.DPPG.CD	136.0	298,802,286,170,001.6
DT.DOD.DEPS.CD	136.0	297,633,985,862,708.6
DT.DOD.PUBS.CD	136.0	297,558,926,305,708.6
DT.DOD.VTOT.CD	136.0	276,885,060,574,497.6
DT.DOD.DEGG.CD	136.0	217,903,874,558,505.6
DT.DOD.PRVS.CD	136.0	181,706,135,304,621.5
DT.DOD.DPNG.CD	136.0	180,462,779,562,683.8
DT.DOD.PRVT.CD	136.0	150,208,449,117,859.3
DT.DOD.PNGC.CD	136.0	149,754,444,578,565.8
DT.DOD.PRVT.PS.CD	136.0	149,649,836,699,609.8
DT.DOD.OFFT.CD	136.0	148,593,535,604,055.6
DT.DOD.OFFT.PS.CD	136.0	147,984,275,057,021.6
DT.DOD.DSTC.CD	136.0	146,794,004,207,994.4
DT.DOD.OFFT.GG.CD	136.0	125,762,959,343,806.6
DT.TDS.DECT.CD	136.0	112,154,653,717,266.4
DT.TDS.DLXF.CD	136.0	103,782,569,198,365.4
DT.DOD.PRVT.GG.CD	136.0	92,140,840,004,778.5
DT.DIS.DLXF.CD	136.0	91,645,632,476,018.7

9. Other viable debt issues and conclusion

If we see the below image, we have filtered the Data with respect to **BX.GSR.TOTL.CD** identifier and **Latin America and Caribbean** Region. The spatial map highlights all the countries specified region. Hovering on them shows the Total amount exchange based on the specified Identifier. In this example, Mexico tops the Goods exchange and Brazil is the least among them.
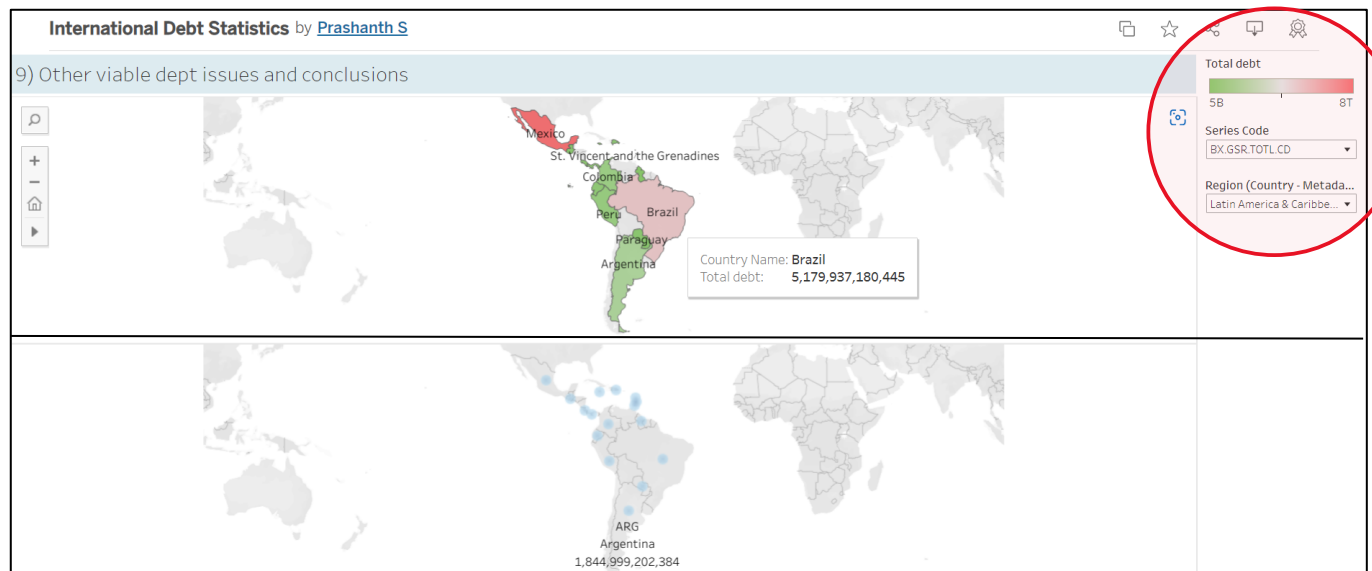
Let's Take another example. Here we use **BN.CAB.XOKA.CD** identifier and **Sub-Saharan** region. As we can see that there are two Maps. The above one highlights the countries in the specified region. Below Map shows the Amount exchange value in USD of various countries. Here Gabon country tops the list and South Africa stays in bottom in that region.