

Military Spending 2018-2022

Nicholas Rivas Plata

Datasets Used

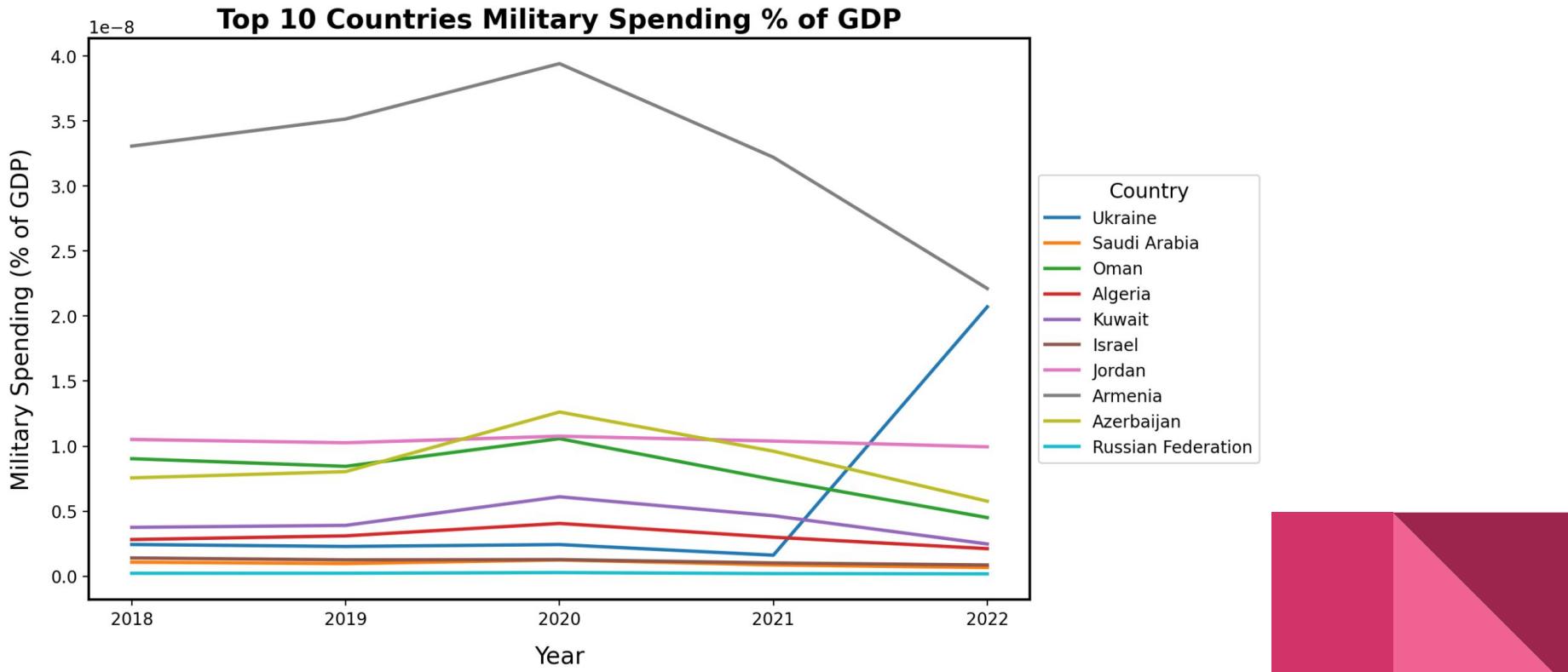
- World Bank Data Bank Information
 - GDP (Current USD)
 - Military Expenditures as a % (Current USD)
 - Population
 - 60+ years of data on over 200 countries
 - Had to filter out aggregate groups such as “high income” and “Heavily indebted poor countries”

Data Cleaning Top 10 Spender from 2018-2022

	Country Name	Year	Military Spending	GDP	Population	Military % of GDP	Military Spending per Capita	GDP per Capita	Military Spending Growth %	Military Spending Growth Absolute	Military Spending Growth Absolute Value
7	Armenia	2018	4.12	12457940694.74	2836557.00	0.00	0.00	4391.92	NaN	NaN	NaN
12	Azerbaijan	2018	3.56	47112470051.77	9939771.00	0.00	0.00	4739.79	NaN	NaN	NaN
55	Algeria	2018	5.48	194554483655.53	41927007.00	0.00	0.00	4640.31	NaN	NaN	NaN
95	Israel	2018	5.28	376691526553.28	8882800.00	0.00	0.00	42406.85	NaN	NaN	NaN
98	Jordan	2018	4.56	43370860704.23	10459865.00	0.00	0.00	4146.41	NaN	NaN	NaN
107	Kuwait	2018	5.19	138202535962.40	4317185.00	0.00	0.00	32012.19	NaN	NaN	NaN
150	Oman	2018	8.27	91505851755.53	4601157.00	0.00	0.00	19887.57	NaN	NaN	NaN
166	Russian Federation	2018	3.72	1657328773461.31	145398106.00	0.00	0.00	11398.56	NaN	NaN	NaN
168	Saudi Arabia	2018	9.14	846583733333.33	35018133.00	0.00	0.00	24175.58	NaN	NaN	NaN
202	Ukraine	2018	3.19	130891088293.55	44690584.00	0.00	0.00	2928.83	NaN	NaN	NaN

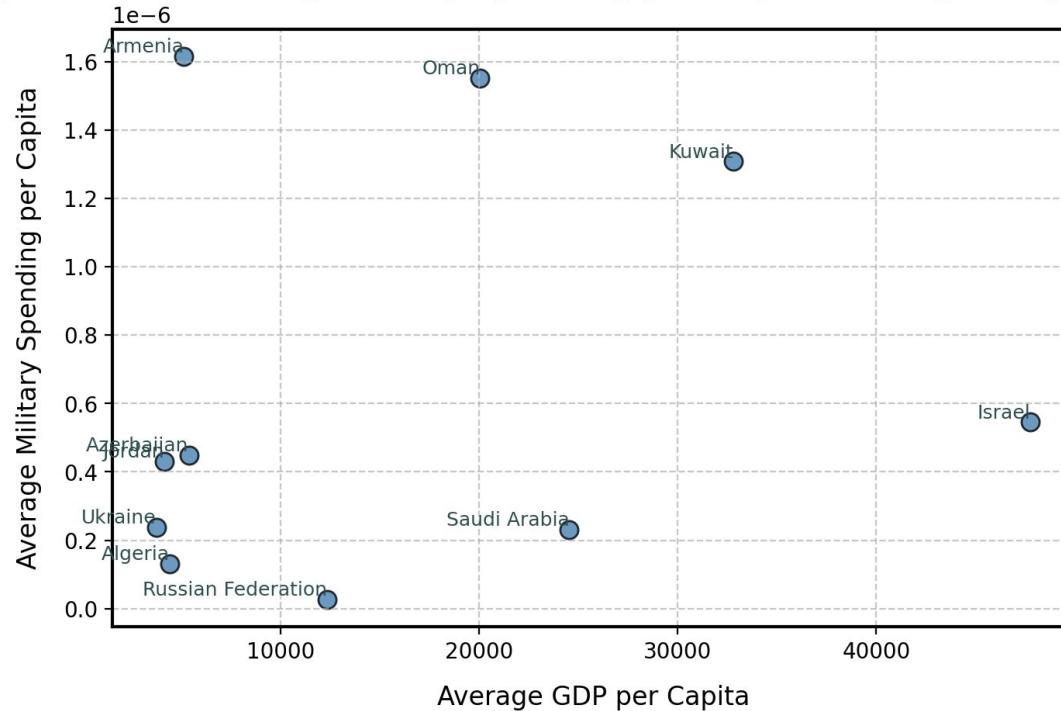
- Had to remove irrelevant aggregate groups
- Had to melt the data into cleaner rows for better visualization

Military Spending



Comparing Avg. Spending and Avg. GDP

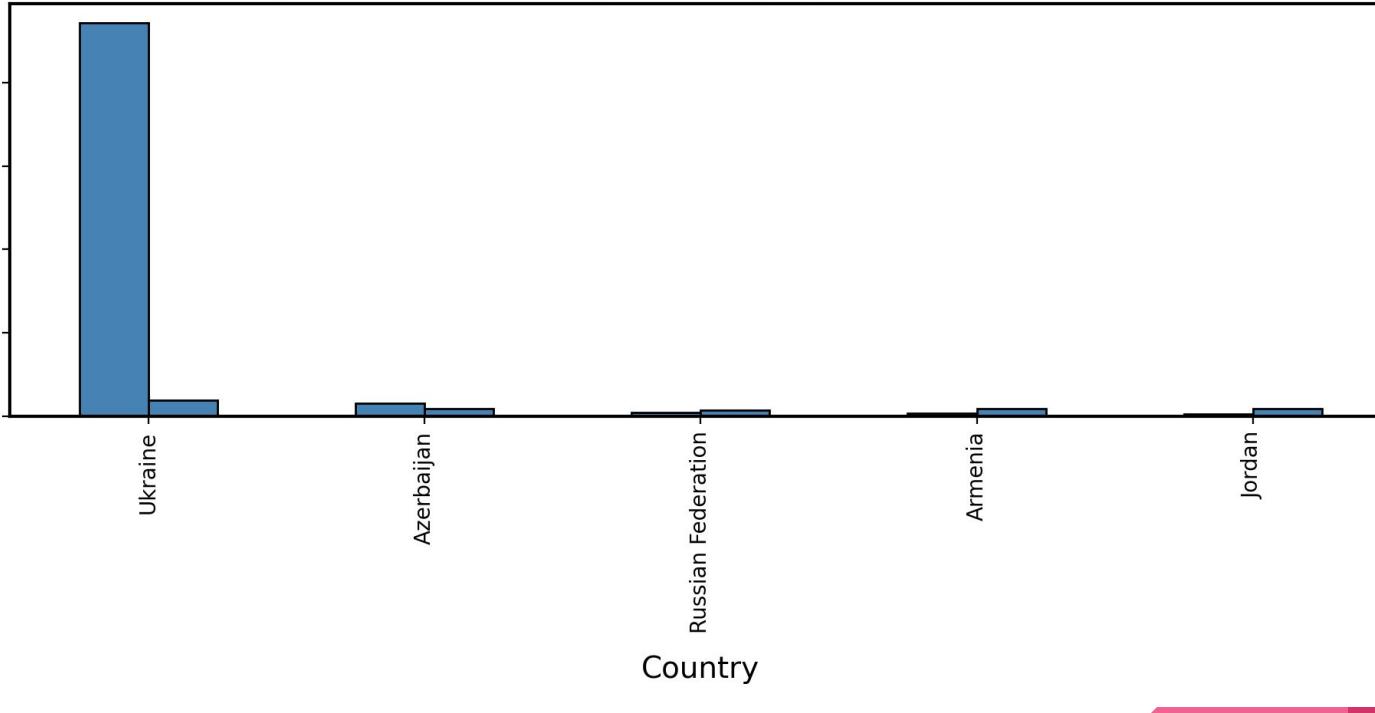
Top 10 Countries Avg Military Spending per Capita vs. Avg GDP per Capita



Top 5 Average Growth

Average % Growth in Military Spend

Top 5 Countries Avg Military Spending Growth %



Conclusion

- Over recent conflict Ukraine is raising its spending in Military
- Israel is present due to its conflict with Palestine and the middle east
- Armenia spends a big portion of GDP on its military
- Keep in mind that this is based on % of total countries GDP it doesn't include the countries that spend the most money on their military