

Military Spending 2018-2022

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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”

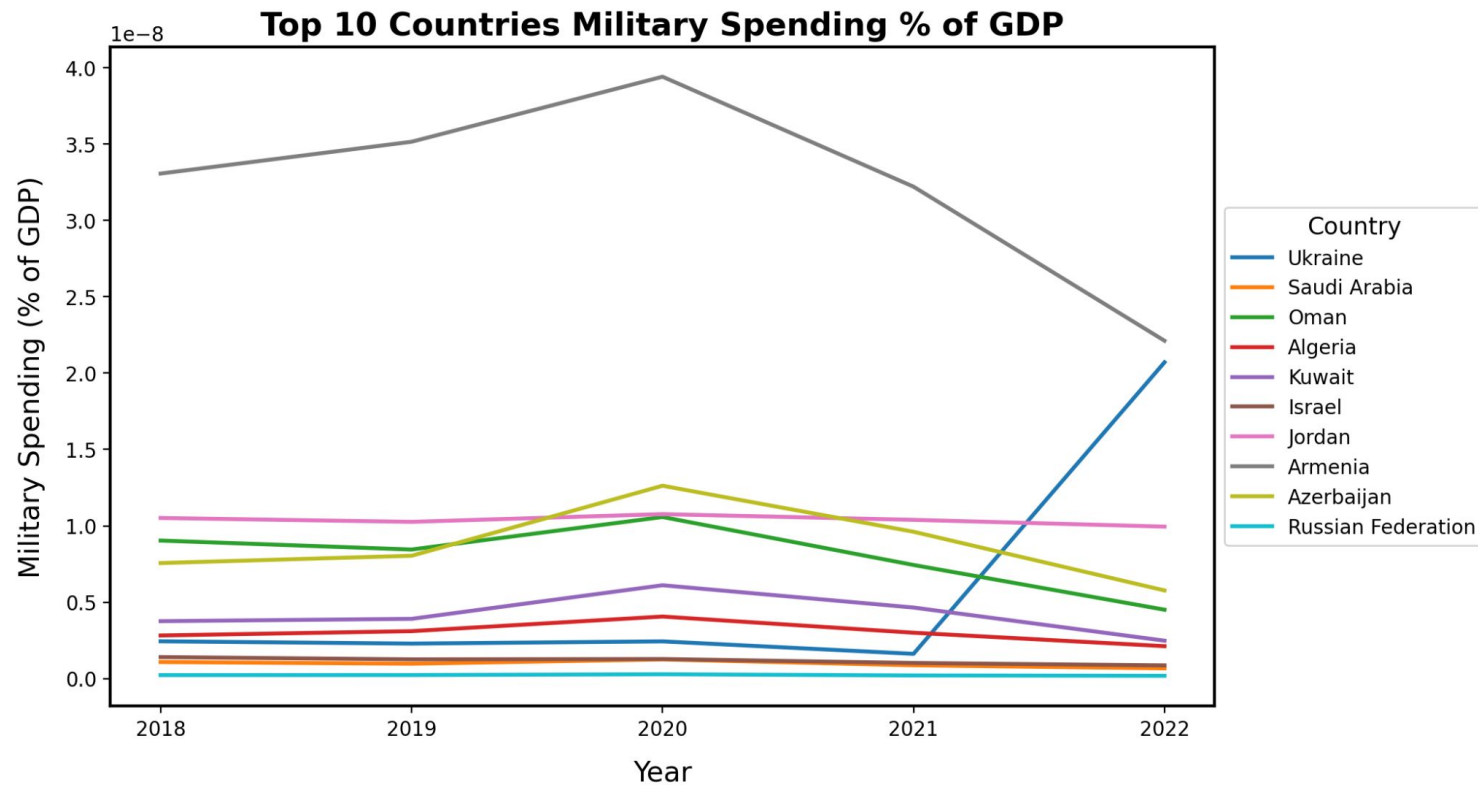


Data Cleaning Top 10 Spender from 2018-2022

| | 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 |

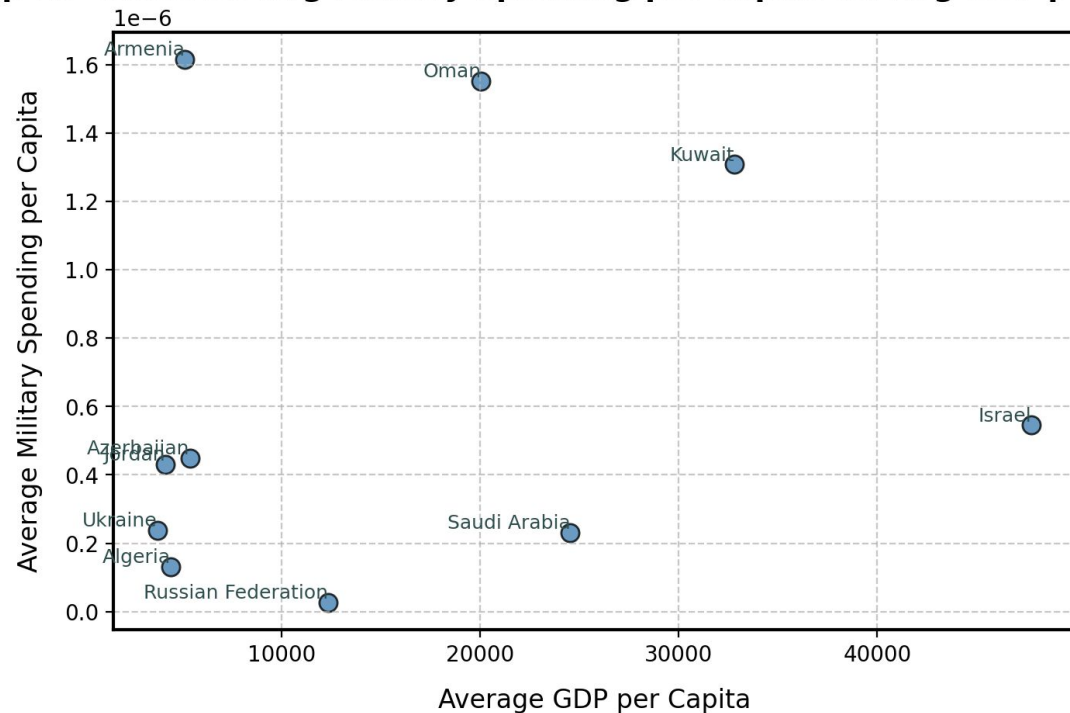
- Had to remove irrelevant aggregate groups
- Had to melt the data into cleaner rows for better visualization

Military Spending

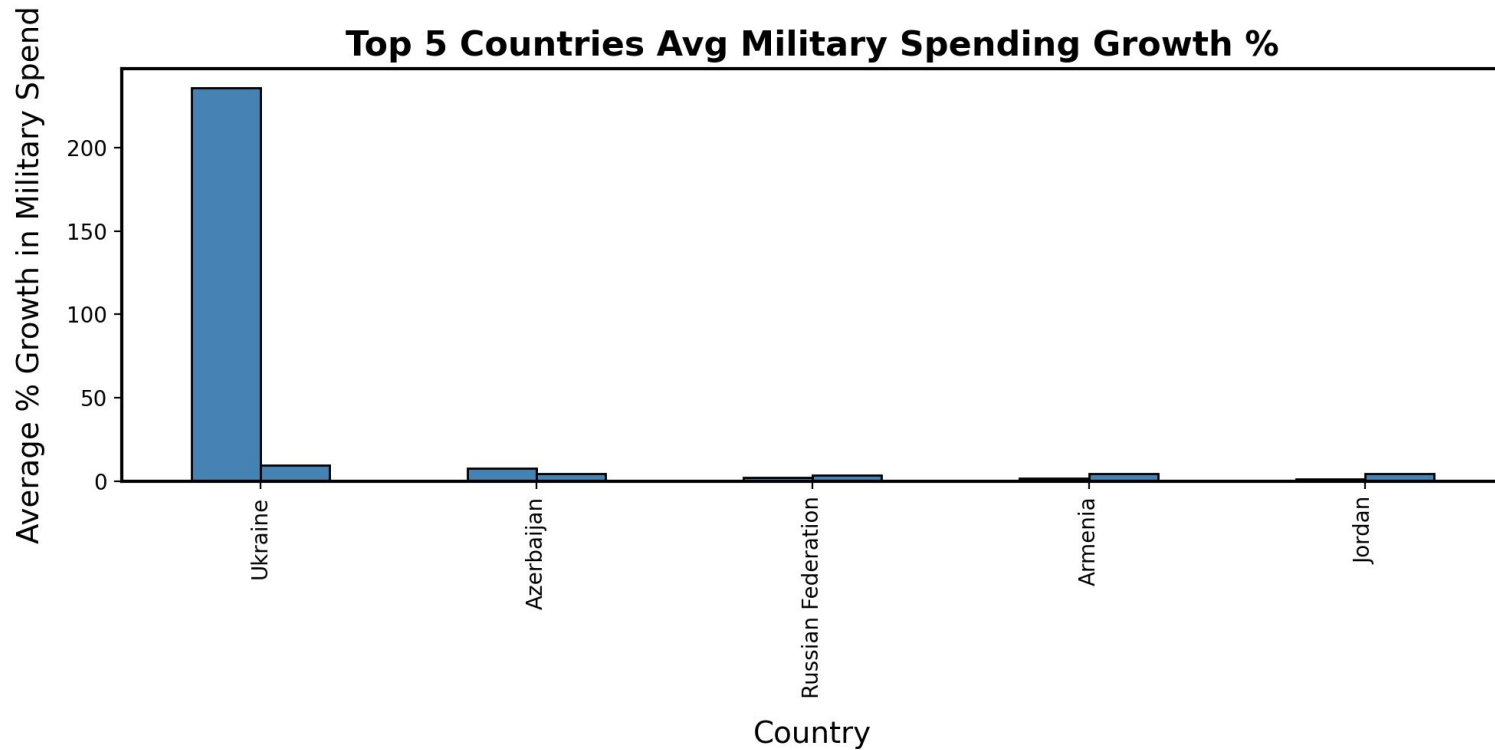


Comparing Avg. Spending and Avg. GDP

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



Top 5 Average Growth



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

