

Global Health Project

DAX FUNCTIONS

Monaco

highest expenditure country

Democratic Republic of the Congo

lowest expenditure country

Country Name	total expenditure	total gdp	gdp share
Afghanistan	429	1520	28.22
Albania	4801	33905	30.19
Algeria	4354	11591	37.56
Andorra	46198	121099	38.15
Angola	1598	7596	21.04
Antigua and Barbuda	12007	50634	23.71
Argentina	12058	30588	39.42
Armenia	3639	13727	26.51
Australia	72098	167934	42.93
Austria	77295	150502	51.36
Azerbaijan	4729	13499	35.03
Bahamas	19762	88858	22.27
Bahrain	25376	74789	33.93
Bangladesh	833	5394	15.44
Barbados	15932	53757	29.64
Belarus	7254	19220	37.74
Belgium	75972	139678	54.39
Belize	4881	13955	34.98
Benin	606	3605	16.81
Bhutan	2882	9394	30.78
Bolivia (Plurinational State of)	3705	10012	37.01
Bosnia and Herzegovina	7631	17957	42.50
Botswana	7184	19490	36.86
Brazil	9657	24761	39.00
Brunei Darussalam	29040	69163	32.57

Country Name	Average of expenditure per capita
Afghanistan	0.00
Albania	0.56
Algeria	0.03
Andorra	201.71
Angola	0.02
Antigua and Barbuda	41.25
Argentina	0.09
Armenia	0.43
Australia	0.95
Austria	2.91
Azerbaijan	0.15
Bahamas	16.31
Bahrain	5.69
Bangladesh	0.00
Barbados	18.94
Belarus	0.25
Belgium	2.21
Belize	4.19
Benin	0.02
Bhutan	1.26
Bolivia (Plurinational State of)	0.10
Bosnia and Herzegovina	0.76
Botswana	0.96
Brazil	0.02
Brunei Darussalam	22.11

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VISUALIZATIONS

Global Health Expenditure Analysis

2018 2019 2020

Total Expenditure and Total GDP by Country Name and Year

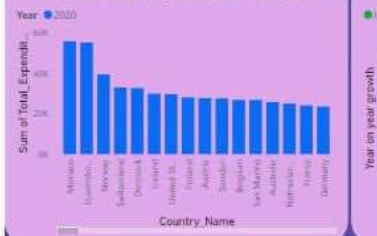


5.09

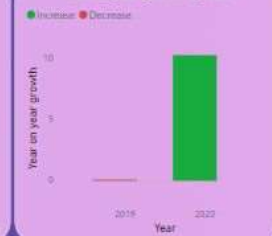
Average Annual growth

Map and filled map visuals aren't enabled for your org. Contact your tenant admin to fix this. [See details](#)

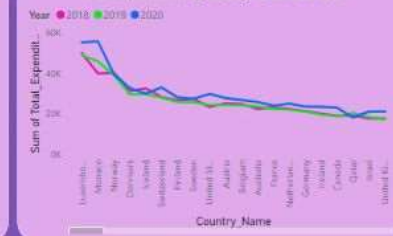
Total Expenditure by Country Name and Year



Year on year growth by Year



Total Expenditure by Country Name and Year



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SUMMARIZATION

Visualization Summary

The summary of all the visuals are:

Scatter Plot between total expenditure and total GDP by year: This Graph gives the insights that total expenditure for the majority of the countries is below 5855 and the total GDP for the majority of the countries lies 15040. Further, Monaco is the country with highest expenditure and GDP

Card showing Average Annual growth rate: It Shows that the overall average annual rate is 5.09% The country with highest GDP share is Kiribati and the country with lowest GDP share is Haiti.

Map Visual: this graph shows the total expenditure for different countries.

Bar Graph for total Expenditure for the year 2020: This graph also gives total expenditure for the year 2020. From this graph, it is visible that Monaco has the highest expenditure followed by Luxembourg and Norway. Also, Democratic Republic of Congo, Yemen, Netherlands are the countries with least expenditure.

Waterfall Graph for year on Year Growth: This graphs shows the year on year growth, it displays that in 2019, the expenditure decreases at a rate of 0.12% and it increases at a rate of 10.3% in 2020.

Line Chart showing the trend of total Expenditure for each year: This chart displays that in 2018 and 2019, Luxembourg has the highest expenditure and in 2020, Monaco takes over it to be the country with highest expenditure.

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INSIGHTS AND CONCLUSIONS

Insights and Conclusions

During the analysis i have obtained the following insights:

- The country with highest health expenditure is Monaco and the country with lowest health expenditure is Democratic Republic of Congo.
- The country with highest GDP share is Kiribati and the country with lowest GDP share is Haiti.
- The GDP share is highest in 2020 and lowest in 2018. Therefore the average increase in GDP share is 9.06%.
- The health Expenditure decreases in 2019 with a rate of 0.12% and further increases in 2020 with a rate of 10.3%. This results in an average growth rate of 5.09%.
- The population increases at an average rate of 1.01% and GDP decreases at an average rate of -3.4%
- I can also see that the most countries were below 5000 in Health Expenditure.

Lastly , the average ratio of total health expenditure and population is 0.15, which is very less considering the total population. Therefore, each country should increase their health expenditure to meet up with the growing population.