Energy Production & Consumption

Select Consumption Amount: 0.00 – 1,676,609.70

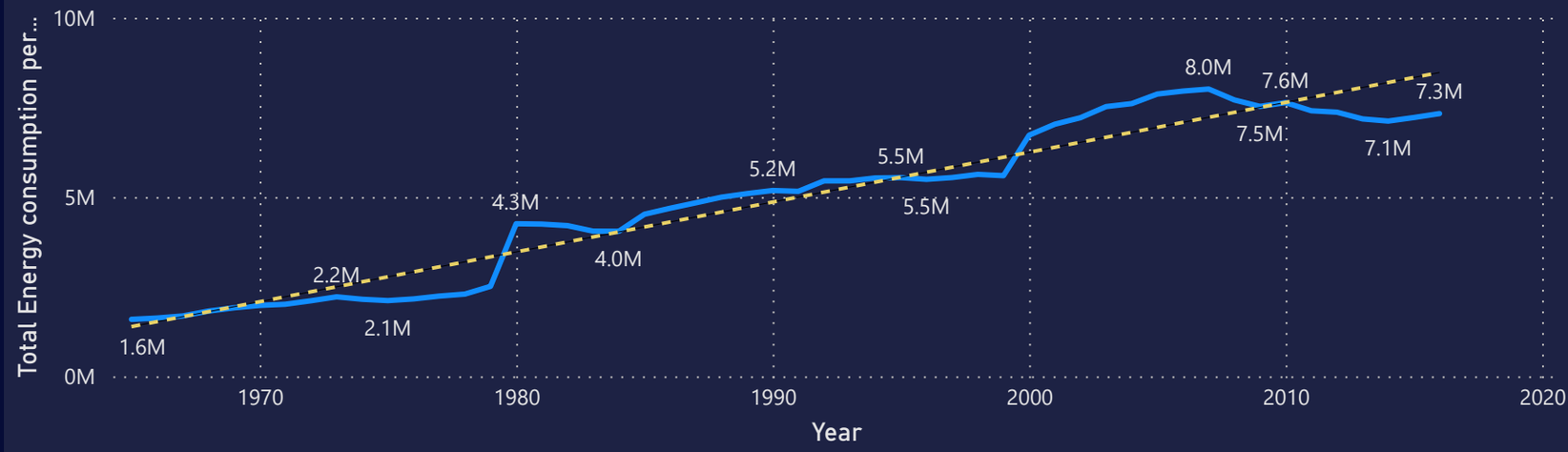
Select Consumption Year: All

Select Consumption Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
17.01 Total Geothermal	182.57 Total Hydro
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Total Energy consumption per capita (kWh) by Country

Total Energy consumption per capita (kWh) by Year



Energy Production Analysis

Select no of Productions: All

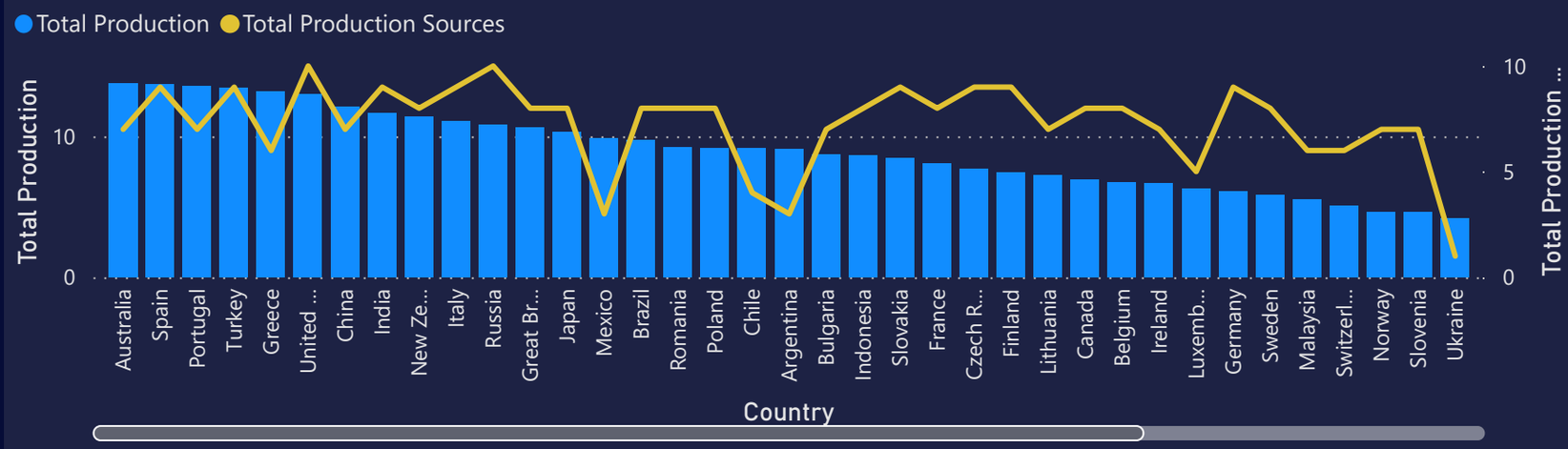
Select Production Factors: 0.43 – 13.76

Select Production Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
17.01 Total Geothermal	182.57 Total Hydro
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Total Production, Production Sources and Production %age by Country

Total Production and Total Production Sources by Country



Energy Production Analysis

Select no of Productions: All

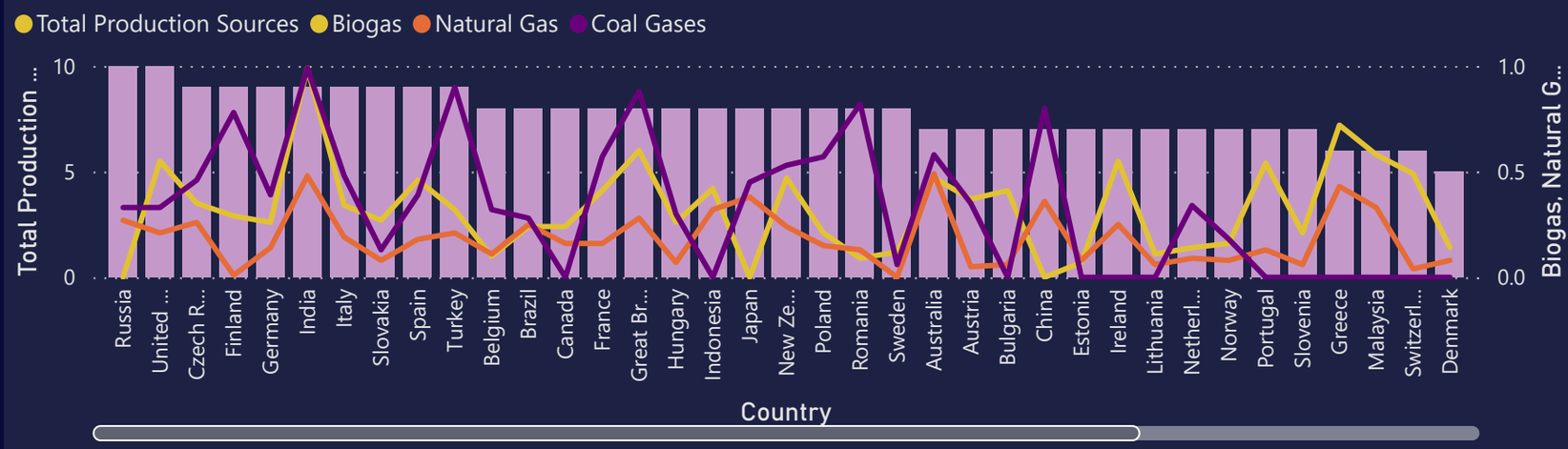
Select Production Factors: 0.43 – 13.76

Select Production Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
17.01 Total Geothermal	182.57 Total Hydro
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Sum of Biogas, Production Sources and Production %age by Country

Total Production Sources, Biogas, Natural Gas and Coal Gases by Country



Energy Production Analysis

Select no of Productions: All

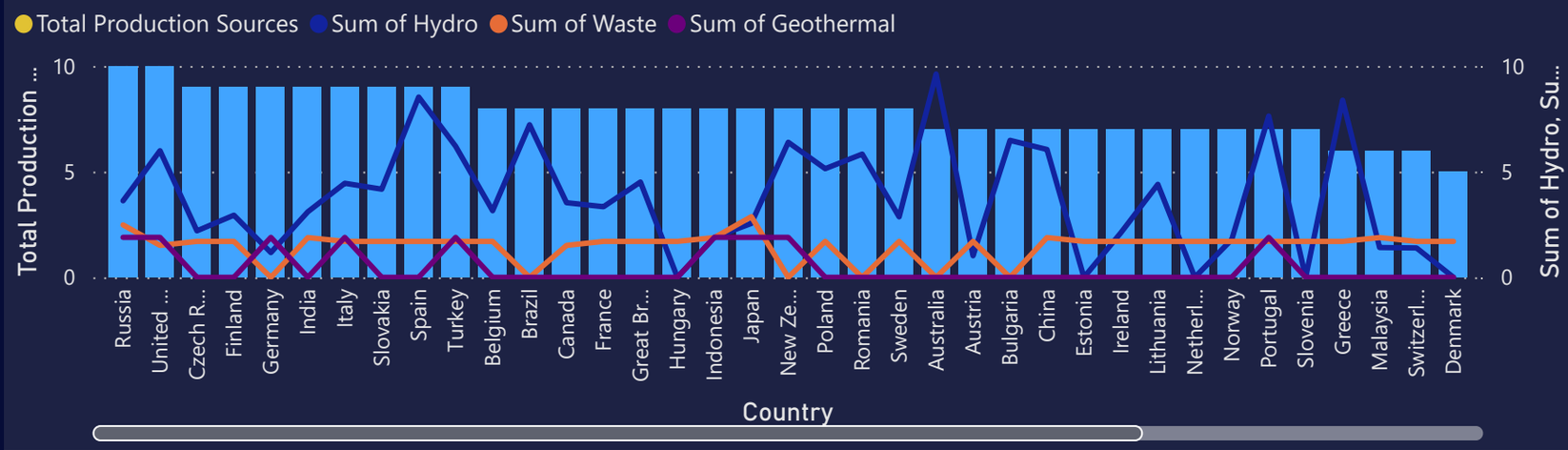
Select Production Factors: 0.43 – 13.76

Select Production Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
17.01 Total Geothermal	182.57 Total Hydro
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Sum of Hydro, Production Sources and Production %age by Country

Total Production Sources, Sum of Hydro, Sum of Waste and Sum of Geothermal by Country



Energy Production Analysis

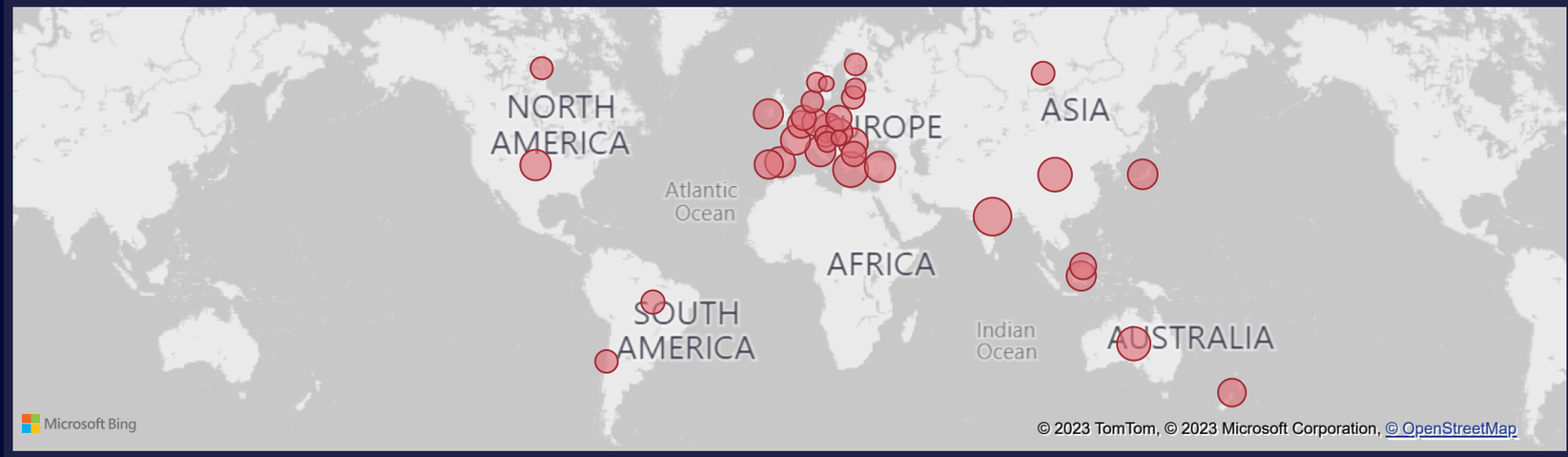
Select no of Productions: All

Select Production Factors: 0.43 – 13.76

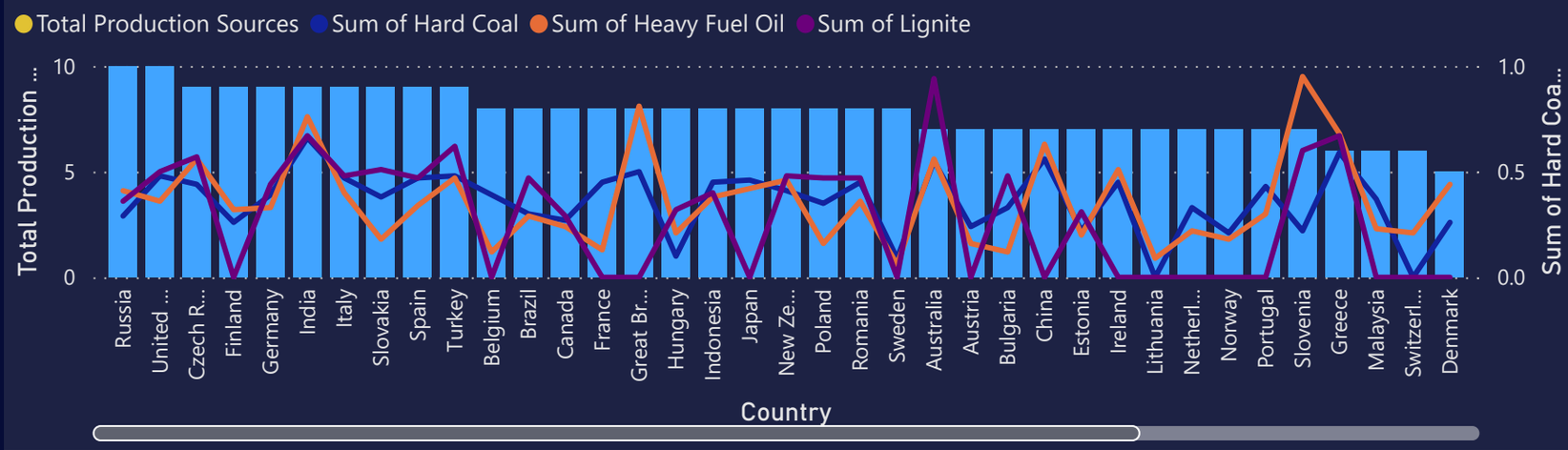
Select Production Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
17.01 Total Geothermal	182.57 Total Hydro
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Sum of Hard Coal, Production Sources and Production %age by Country



Total Production Sources, Sum of Hard Coal, Sum of Heavy Fuel Oil and Sum of Lignite by Country



Energy Production Analysis

Select no of Production	8

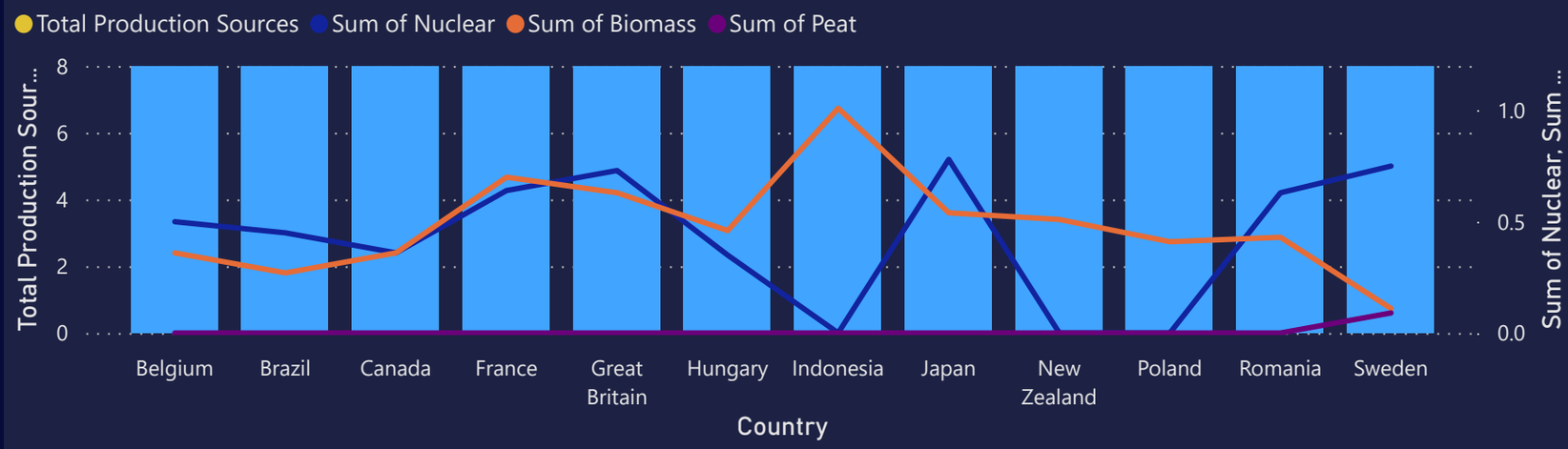
Select Production Value	0.43	13.76

Select Production Country	All

12 Total Countries	100.56 Total Production
267.34M Total consumption pc (kWh)	5.79 Total Biomass
3.16 Total Biogas	4.78 Total Coal Gases
5.67 Total Geothermal	46.41 Total Hydro
2.25 Total Natural Gas	5.19 Total Nuclear
4.22 Total Hard Coal	3.64 Total Heavy Fuel Oil
2.90 Total Lignite	0.09 Total Peat

Sum of Nuclear, Production Sources and Production %age by Country

Total Production Sources, Sum of Nuclear, Sum of Biomass and Sum of Peat by Country



Energy Production Key Factors

Select no of Productions: All

Select Production Factors: 0.43 – 13.76

Select Production Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
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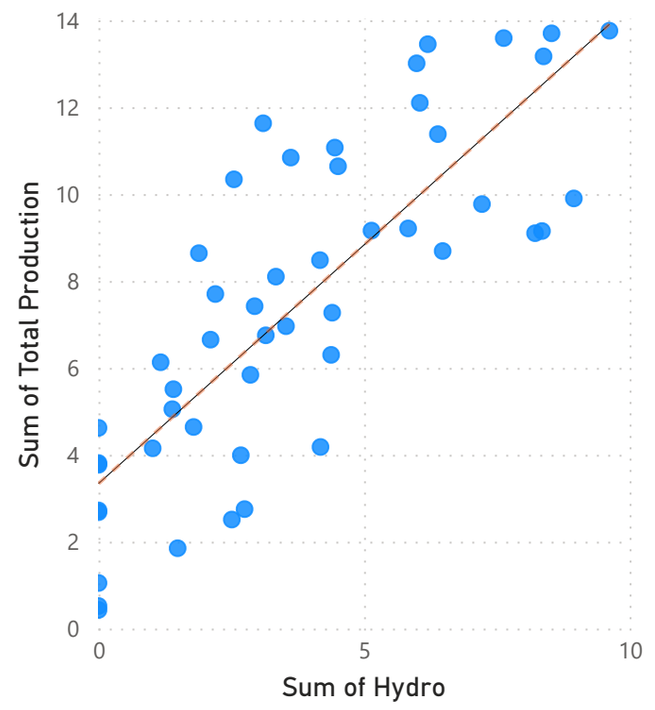
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Key influencers | Top segments

What influences Total Production to Increase ?

When...	....the average of Total Production increases by
Sum of Hydro goes up 2.77	2.77
Sum of Waste goes up 0.87	0.70
Sum of Geothermal goes up 0.73	0.70
Sum of Production Sources goes up 2.61	0.34
Sum of Heavy Fuel Oil goes up 0.21	0.33
Sum of Biomass goes up 0.32	0.30
Sum of Coal Gases goes up 0.30	0.27

On average when Sum of Hydro increases, Total Production also increases.



Electricity Access Analysis

Select no of People: All

Select Relevant Year: All

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
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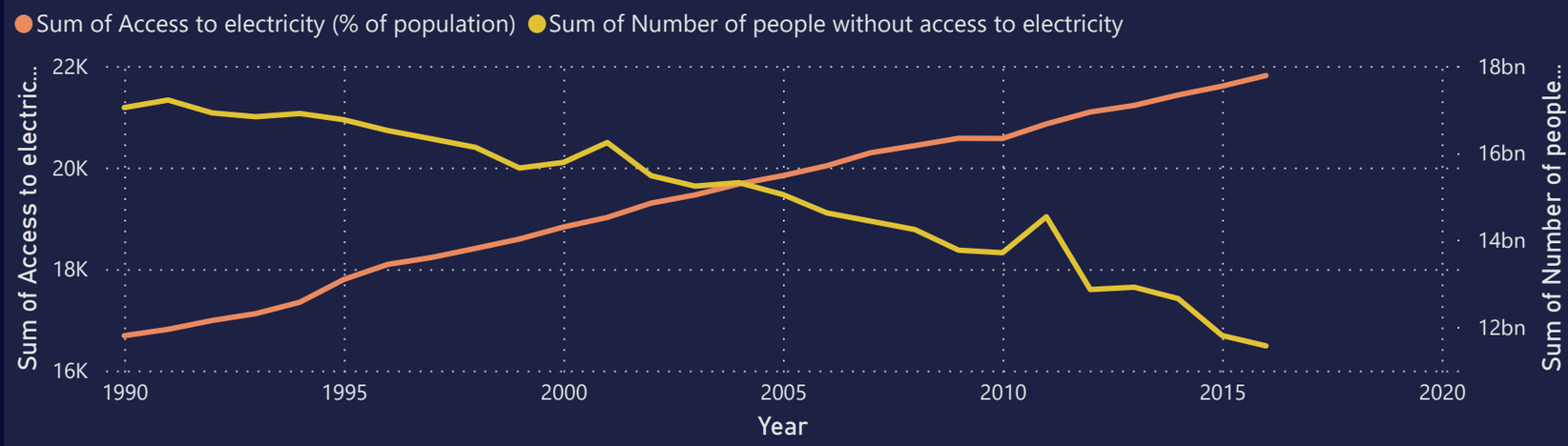
7.69 Total Natural Gas	15.29 Total Nuclear
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
522.10K People Electricity Accessible	407bn People Electricity Inaccessible

Sum of Number of people without access to electricity and Sum of Access to electricity (% of population) by Country

Sum of Access to electricity (% of population) and Sum of Number of people without access to electricity by Year



Electricity Access Trends

Select no of People: All

Select Relevant Year: All

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
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17.01 Total Geothermal	182.57 Total Hydro
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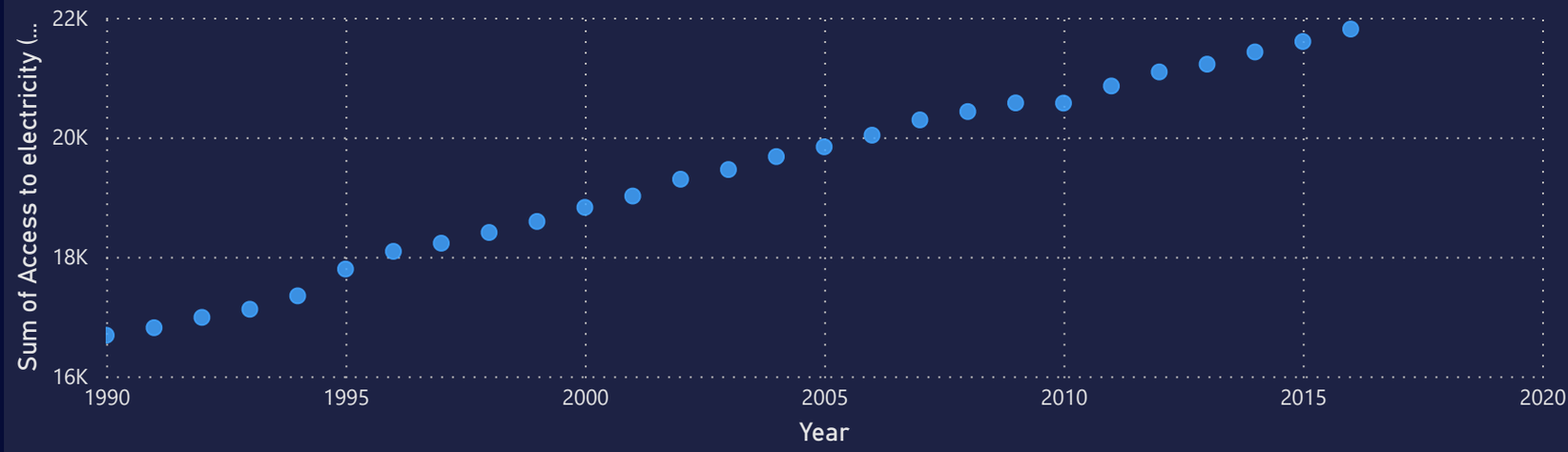
522.10K People Electricity Accessible	407bn People Electricity Inaccessible

Sum of Access to electricity (% of population) and Sum of Number of people without access to electricity by Country

Sum of Access to electricity (% of population) by Year



Electricity Access Key Factors

Select Year: All

Select no of People: 0 – 1,526,744,598

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
12.91 Total Biogas	12.21 Total Coal Gases
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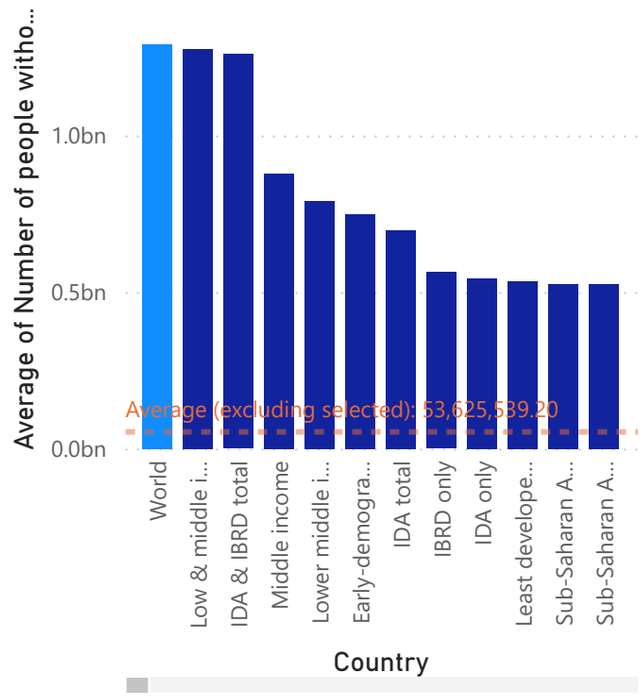
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
522.10K People Electricity Accessible	407bn People Electricity Inaccessible

Key influencers | Top segments

What influences Number of people without access to electricity to Increase ?

When...	....the average of Number of people without access to electricity increases by
Country is World	1.24bn
Country is Low & middle income	1.22bn
Country is IDA & IBRD total	1.21bn
Country is Middle income	823.1M
Country is Lower middle income	735M
Country is Early-demographic dividend	693.7M

Number of people without access to electricity is more likely to increase when Country is World than otherwise (on average).



☐ Only show values that are influencers

Energy Usage Key Factors

Select Year: All

Select Energy Consumption: 0.00 – 1,676,609.70

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
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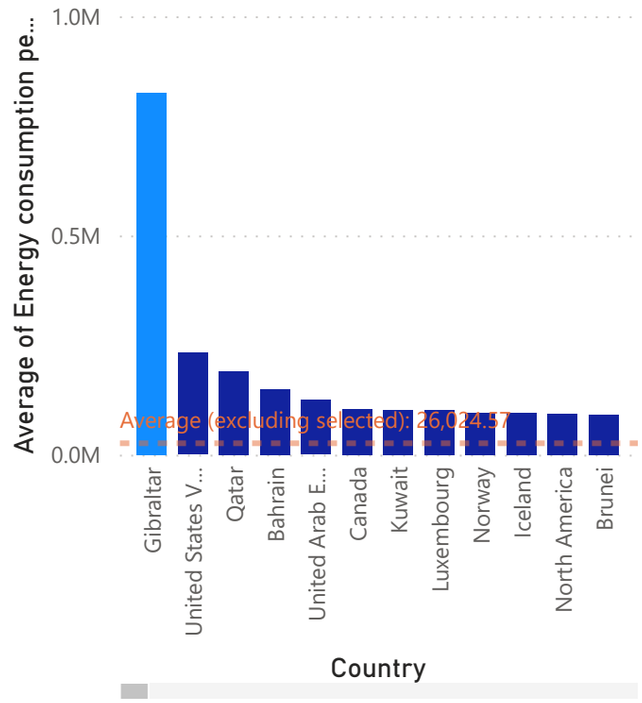
13.86 Total Hard Coal	15.30 Total Heavy Fuel Oil
10.52 Total Lignite	1.57 Total Peat

Key influencers | Top segments

What influences Energy consumption per capita (kWh) to Increase ?

When...	....the average of Energy consumption per capita (kWh) increases by
Country is Gibraltar	799.4K
Country is United States Virgin Islands	204.0K
Country is Qatar	161.7K
Country is Bahrain	121.2K
Country is United Arab Emirates	95.73K
Country is Canada	75.01K

Energy consumption per capita (kWh) is more likely to increase when Country is Gibraltar than otherwise (on average).



☐ Only show values that are influencers

Energy Usage Forecast

Select Year: All

Select Energy Consumption: 0.00 – 1,676,609.70

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
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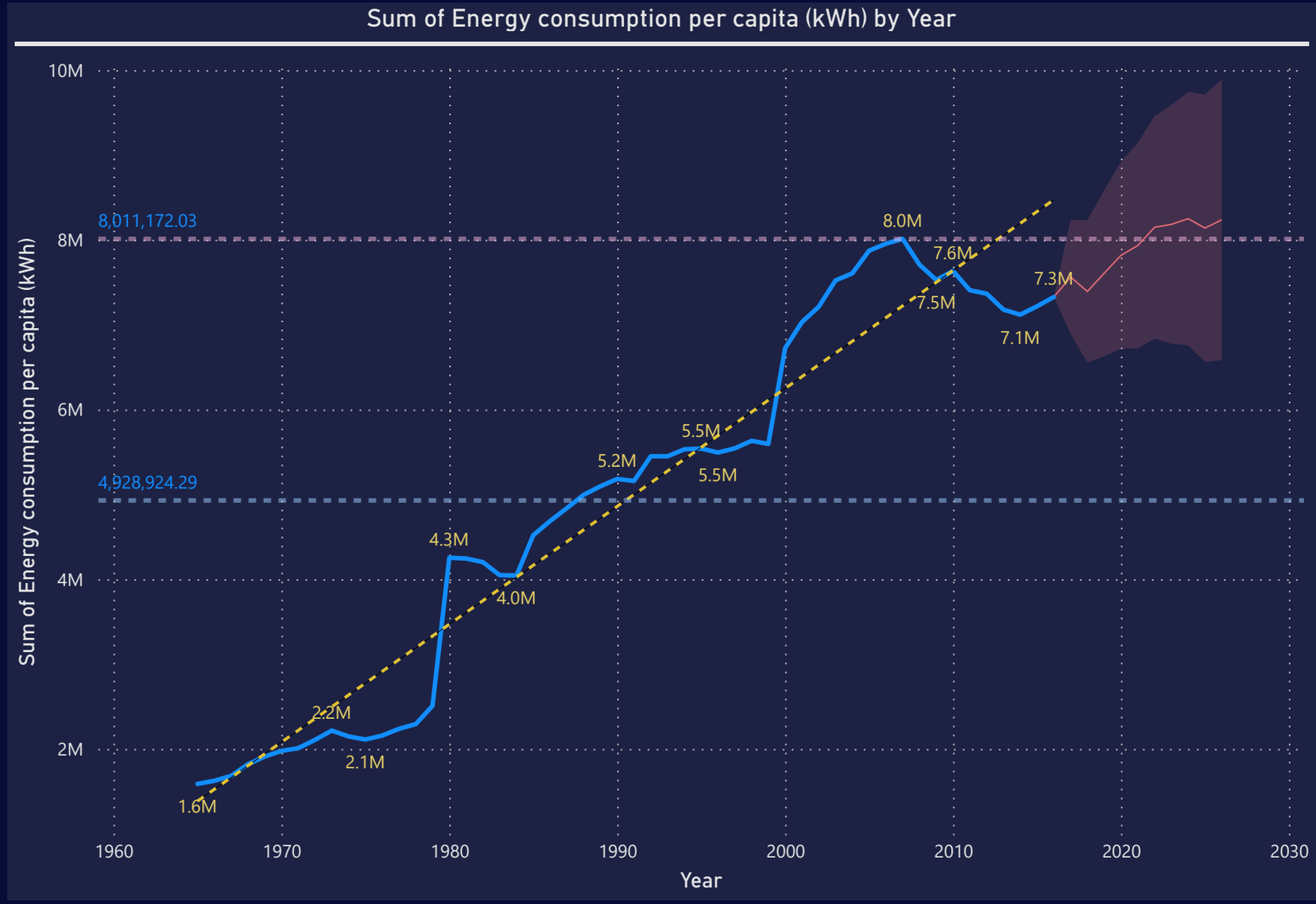

Water Consumption Analysis

Select Water Consumption	0	1,526,744,598
Select Water Withdraw	15	3912
Select Relevant Country	All	

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
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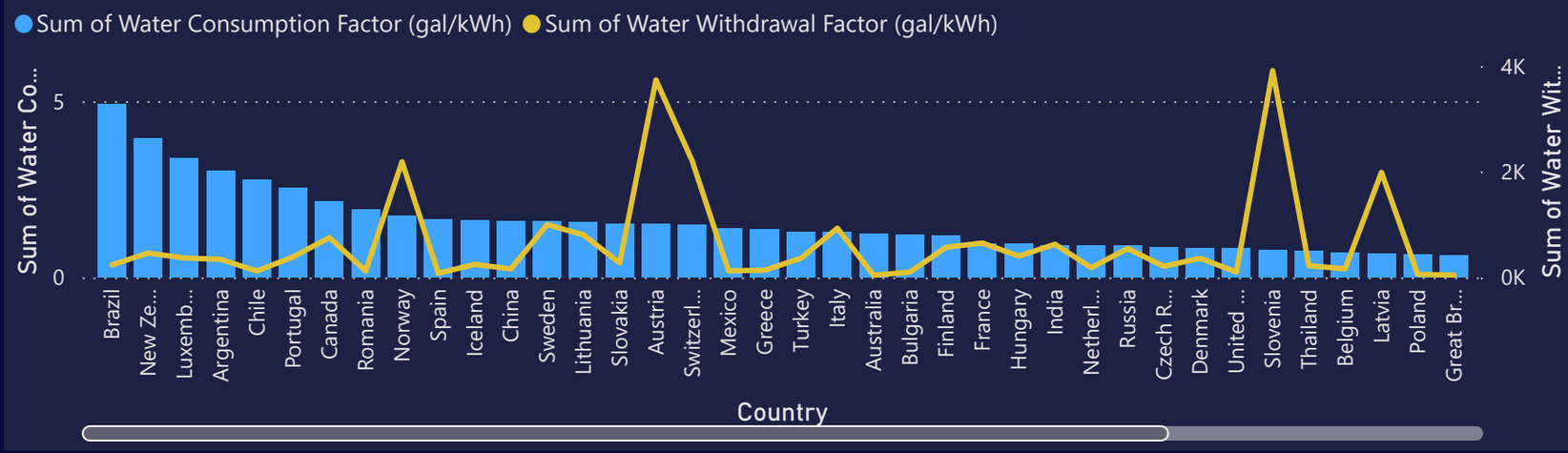
Sum of Water Consumption Factor (gal/kWh) and Sum of Water Withdrawal Factor (gal/kWh) by Country

Sum of Water Consumption Factor (gal/kWh) and Sum of Water Withdrawal Factor (gal/kWh) by Country



Water Analysis

Select Water Consumption: 0 – 1,526,744,598

Select Water Withdraw: 15 – 3912

Select Relevant Country: All

49 Total Countries	364.13 Total Production
267.34M Total consumption pc (kWh)	18.51 Total Biomass
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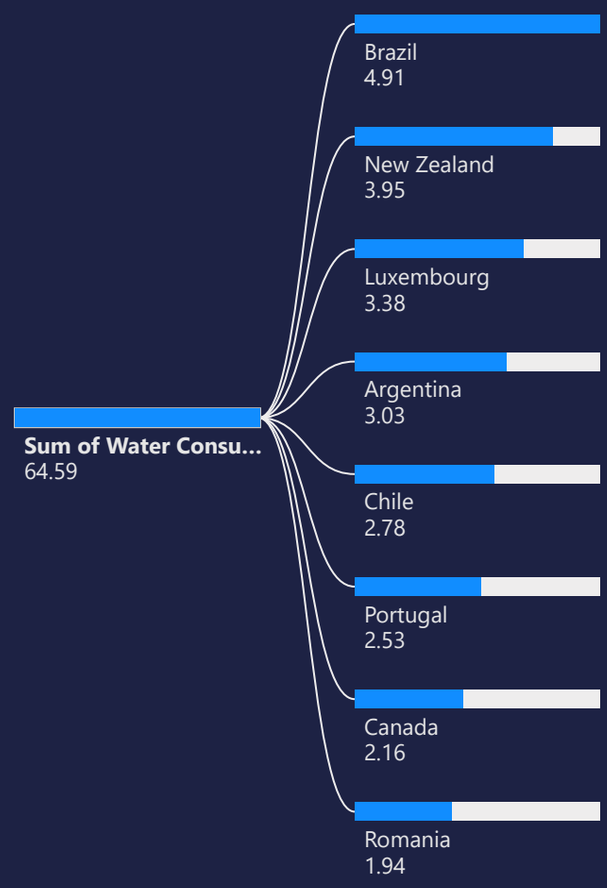
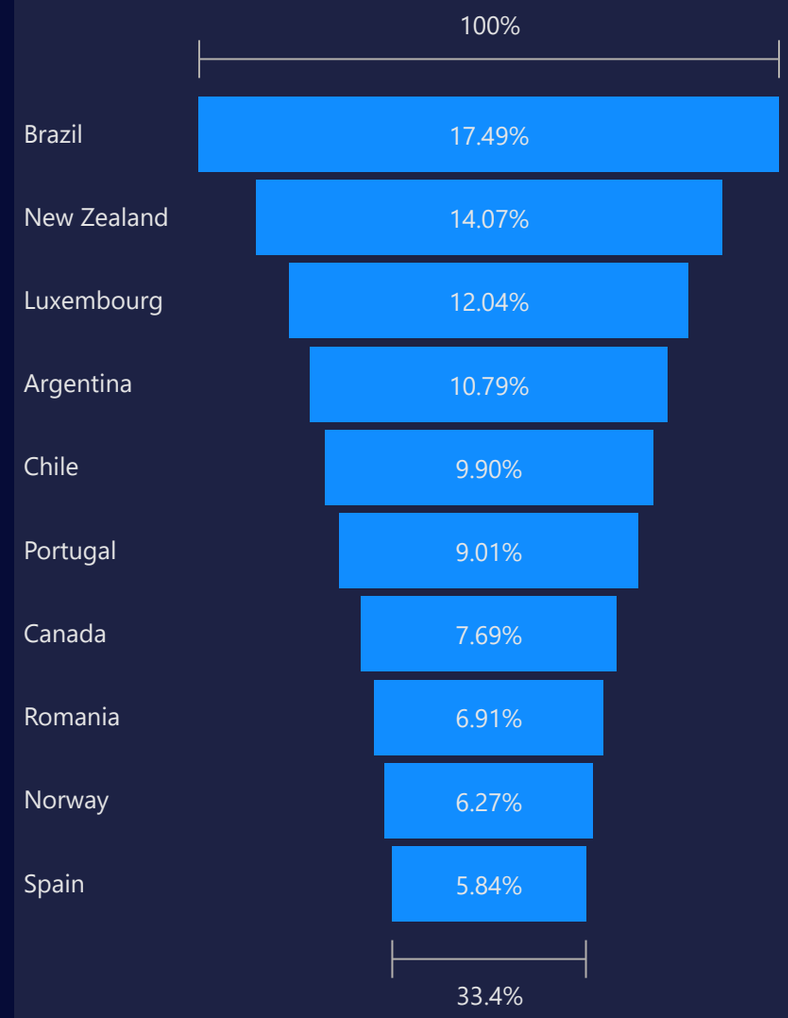
522.10K People Electricity Accessible	407bn People Electricity Inaccessible

Country



%GT Sum of Water Consumption Factor (gal/kWh) by Country



Water Analysis

Select Water Consumption	0	1,526,744,598

Select Water Withdraw	15	3912

Select Relevant Country	All

49 Total Countries	364.13 Total Production
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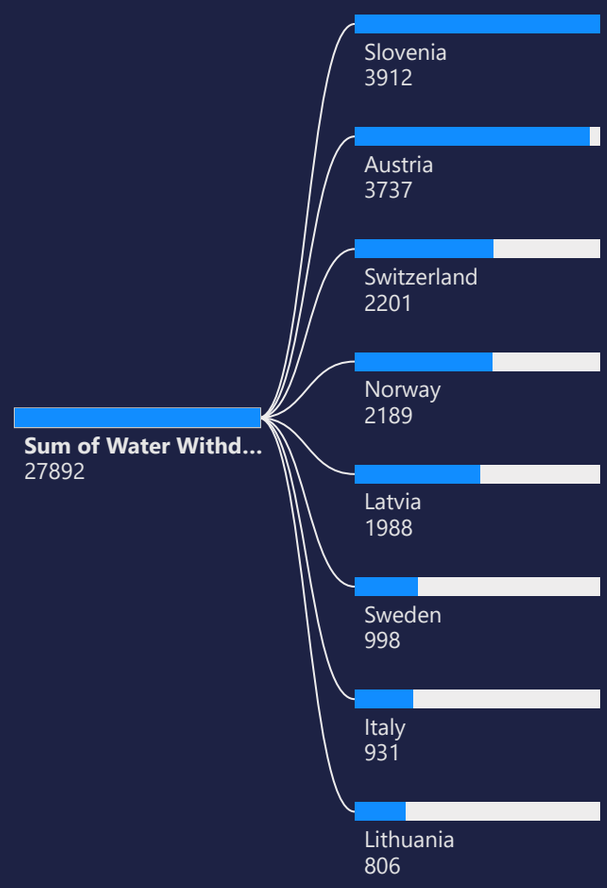
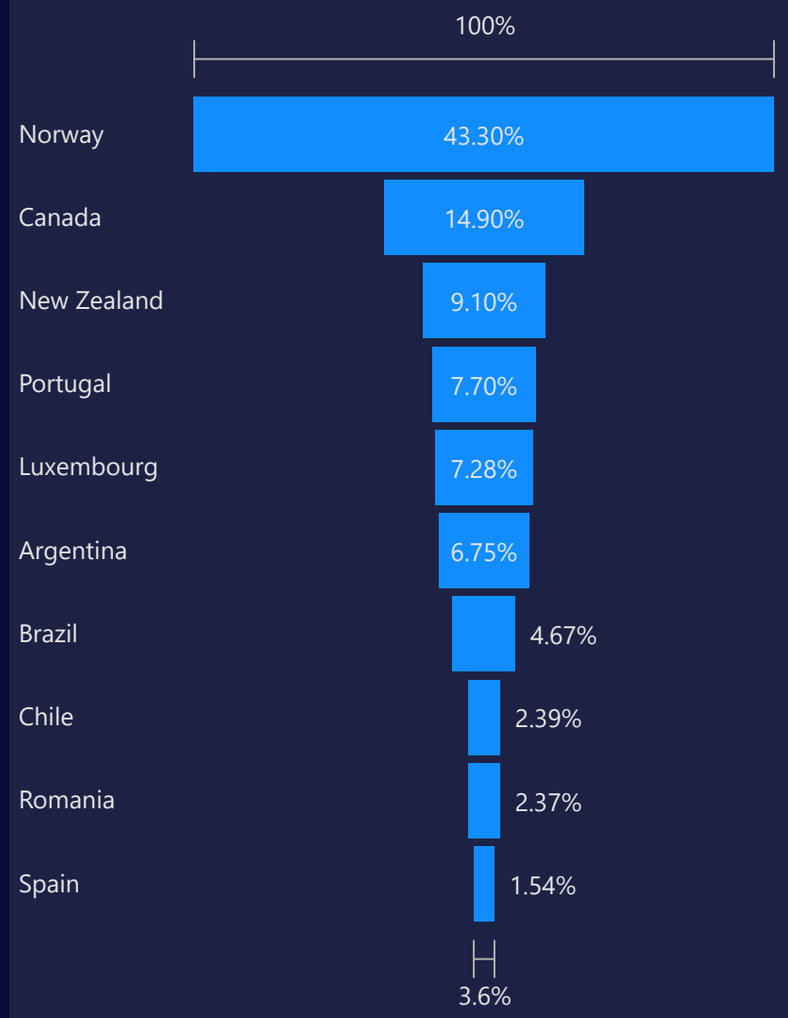
Country



%GT Sum of Water Withdrawal Factor (gal/kWh) by Country



Water Analysis

Select Water Consumption: 0 – 1,526,744,598

Select Production Country: All

Select Consumption Year: All

49 Total Countries	364.13 Total Production
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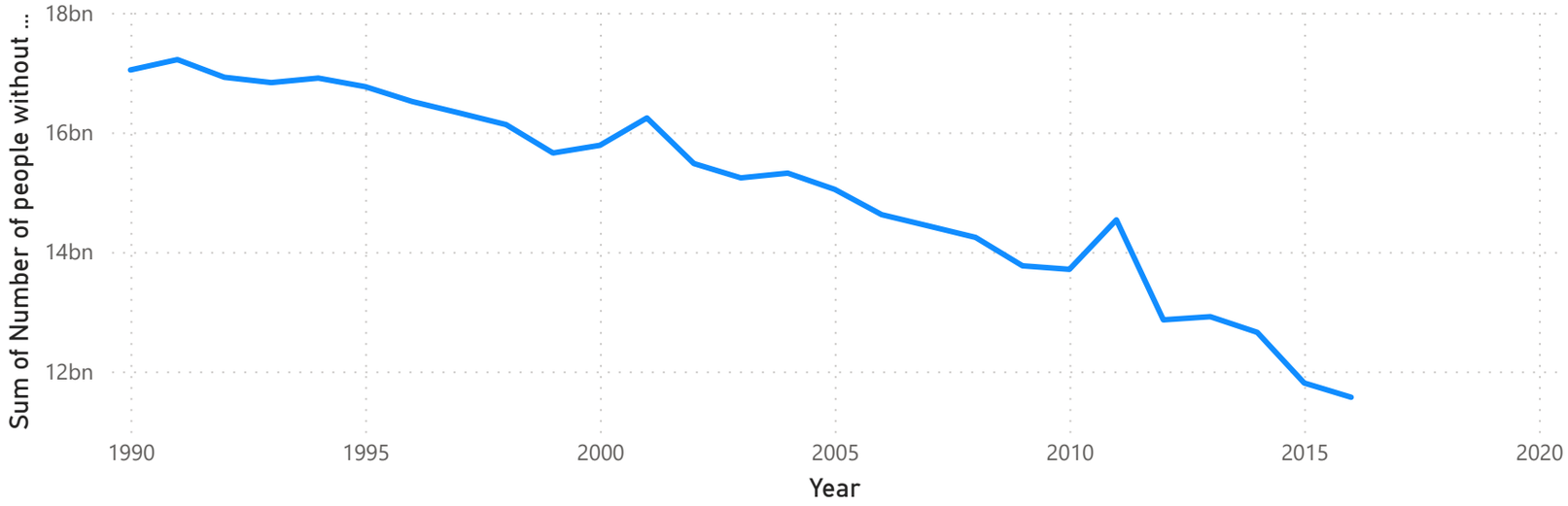
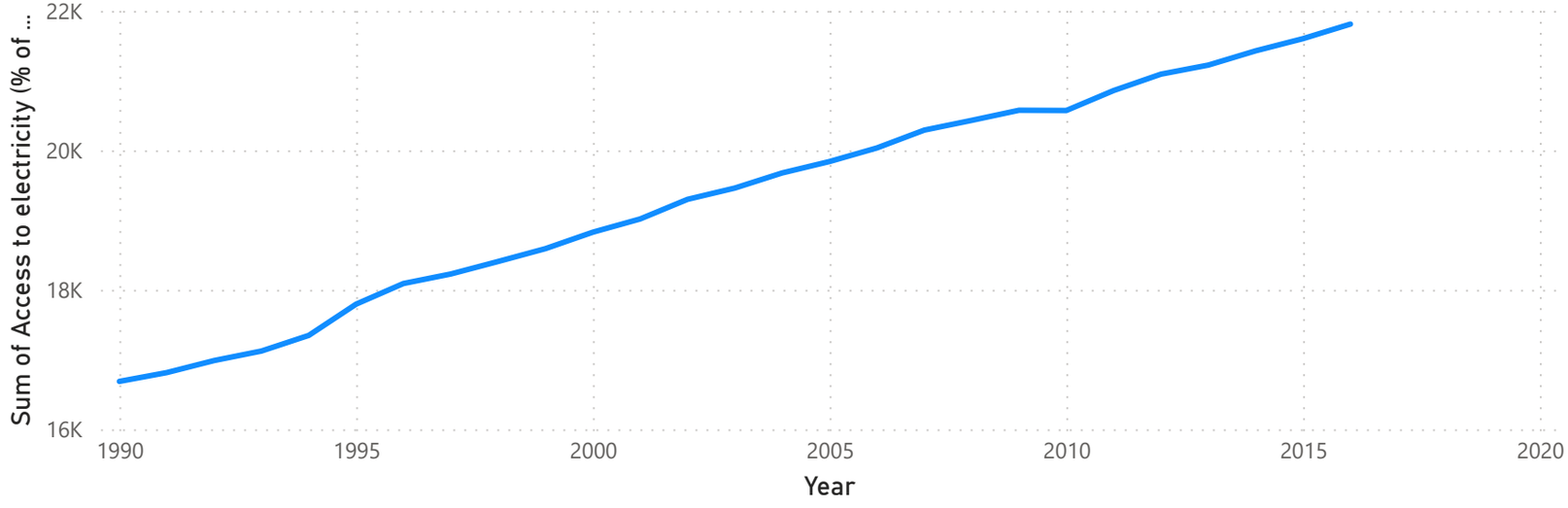
522.10K People Electricity Accessible	407bn People Electricity Inaccessible

Preparing Q&A

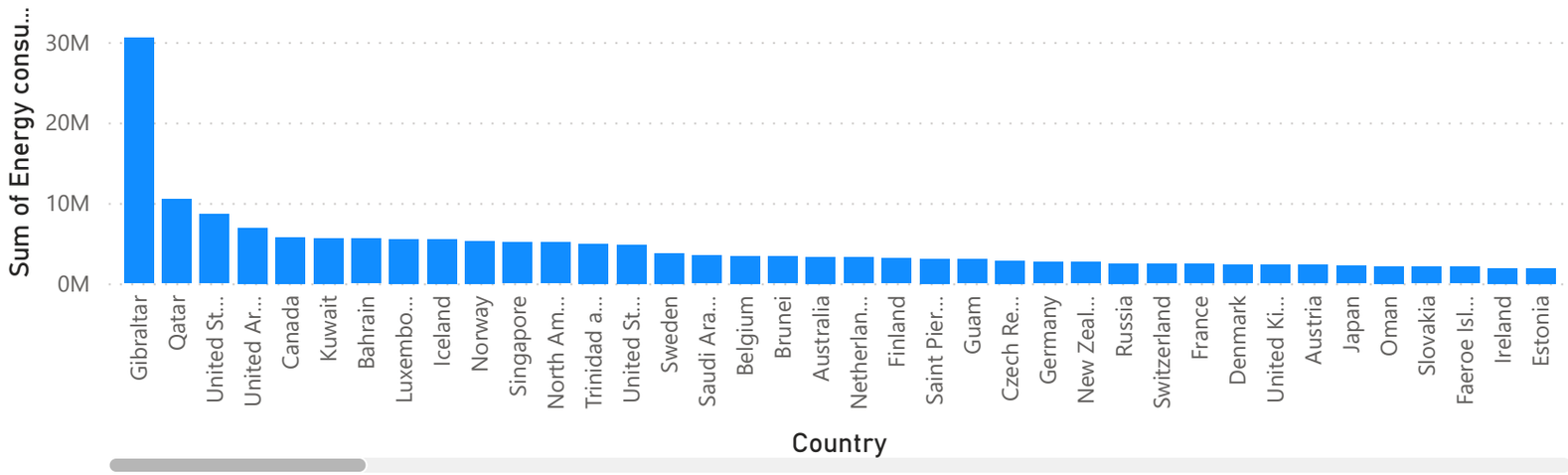
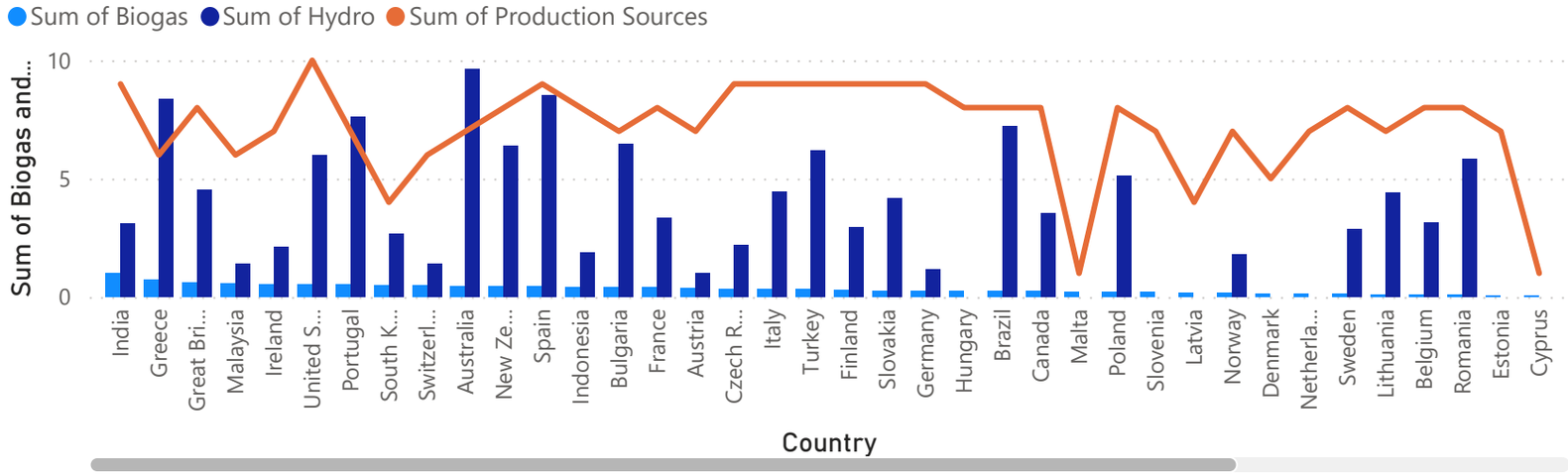
Sum of Number of people without access to electricity by Year



Sum of Access to electricity (% of population) by Year



Sum of Energy consumption per capita (kWh) by Country



Sum of Biogas, Sum of Hydro and Sum of Production Sources by Country