

GLOBAL DROP-OUT PERCENTAGE

-FOR THE YEAR 2020

Developed By:

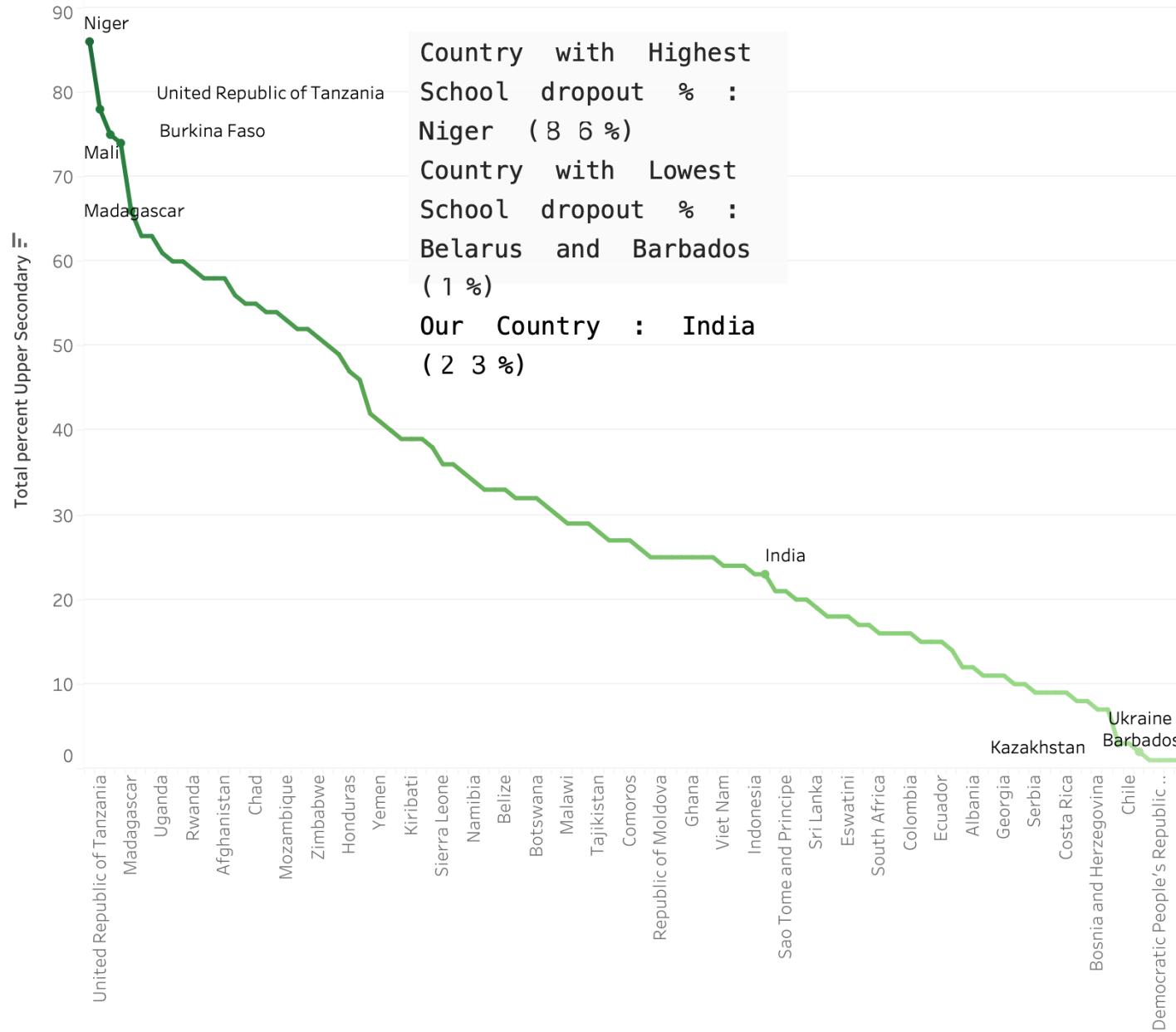
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Total school dropout percentage vs Countries

Total percent Up Sec

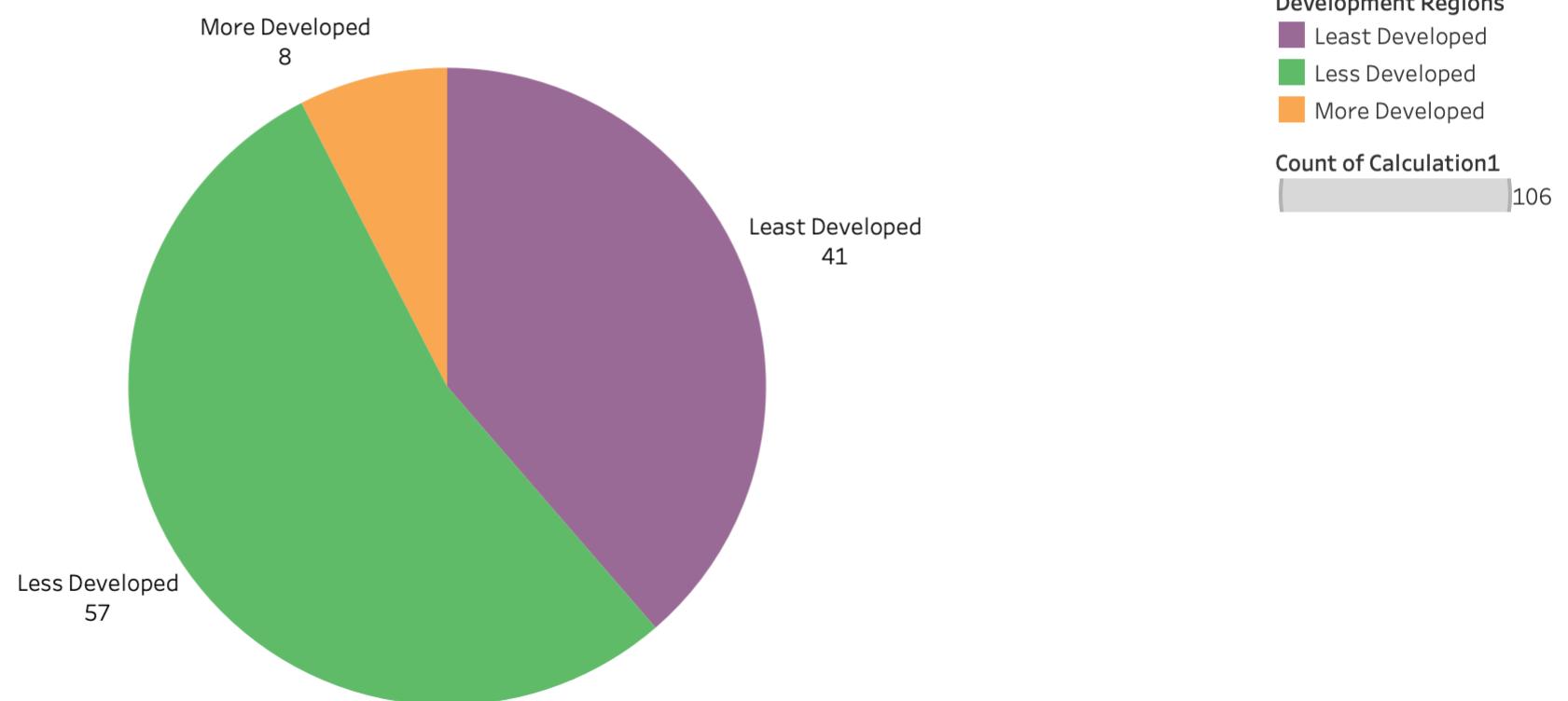
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Countries



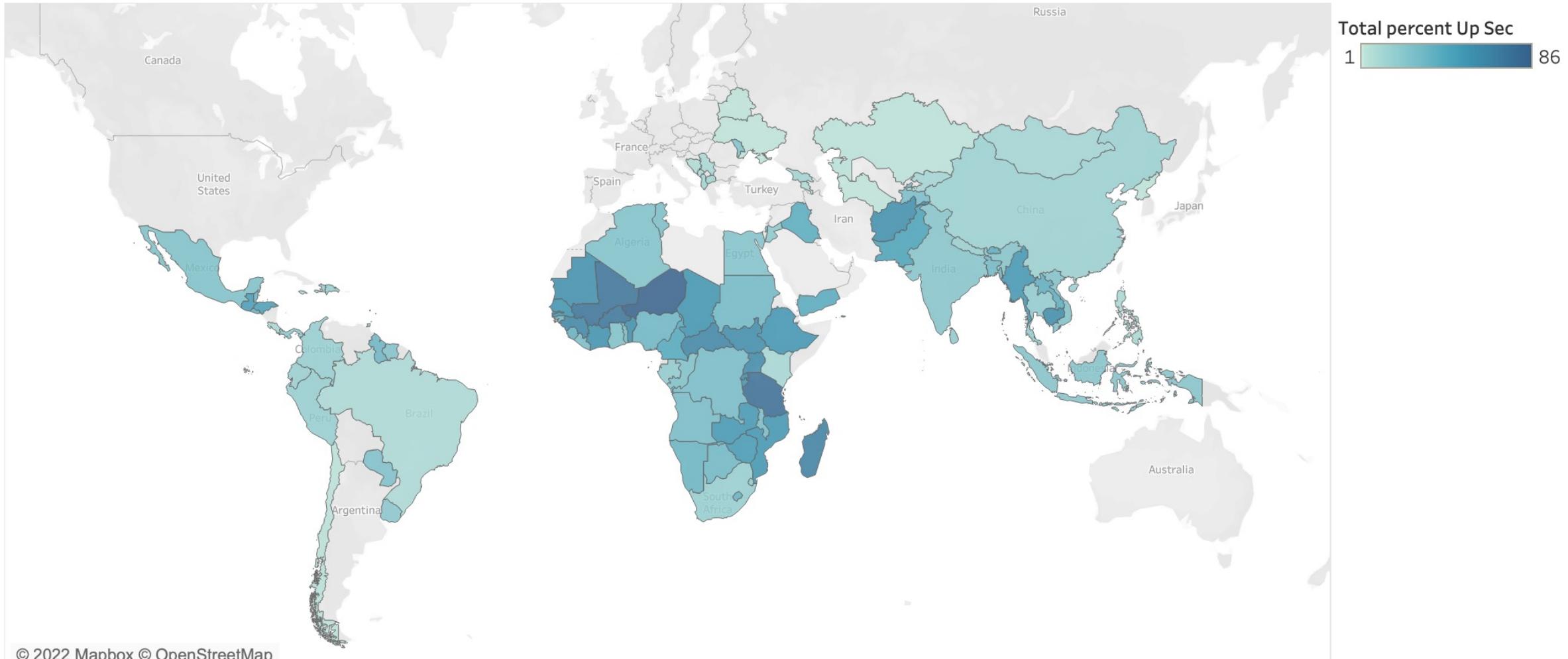
Global % Drop out Analysis

Introduction	Total Drop out % comparision among all countries	Classification of countries on their development status	Global Heat Map : comparision of % drop out	% of Females drop out from all countries	% of Males drop out from all countries	% Female drop out in more developed countries
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Global heat map analysis :

- African continent analysis : More minerals ==> more Mafias ==> less life span ==> less education
- Factors :
 - Number of Schools/Colleges
 - Government supporting policies
 - Political Stability

India vs Pakistan : neighbourhood contrast analysis :

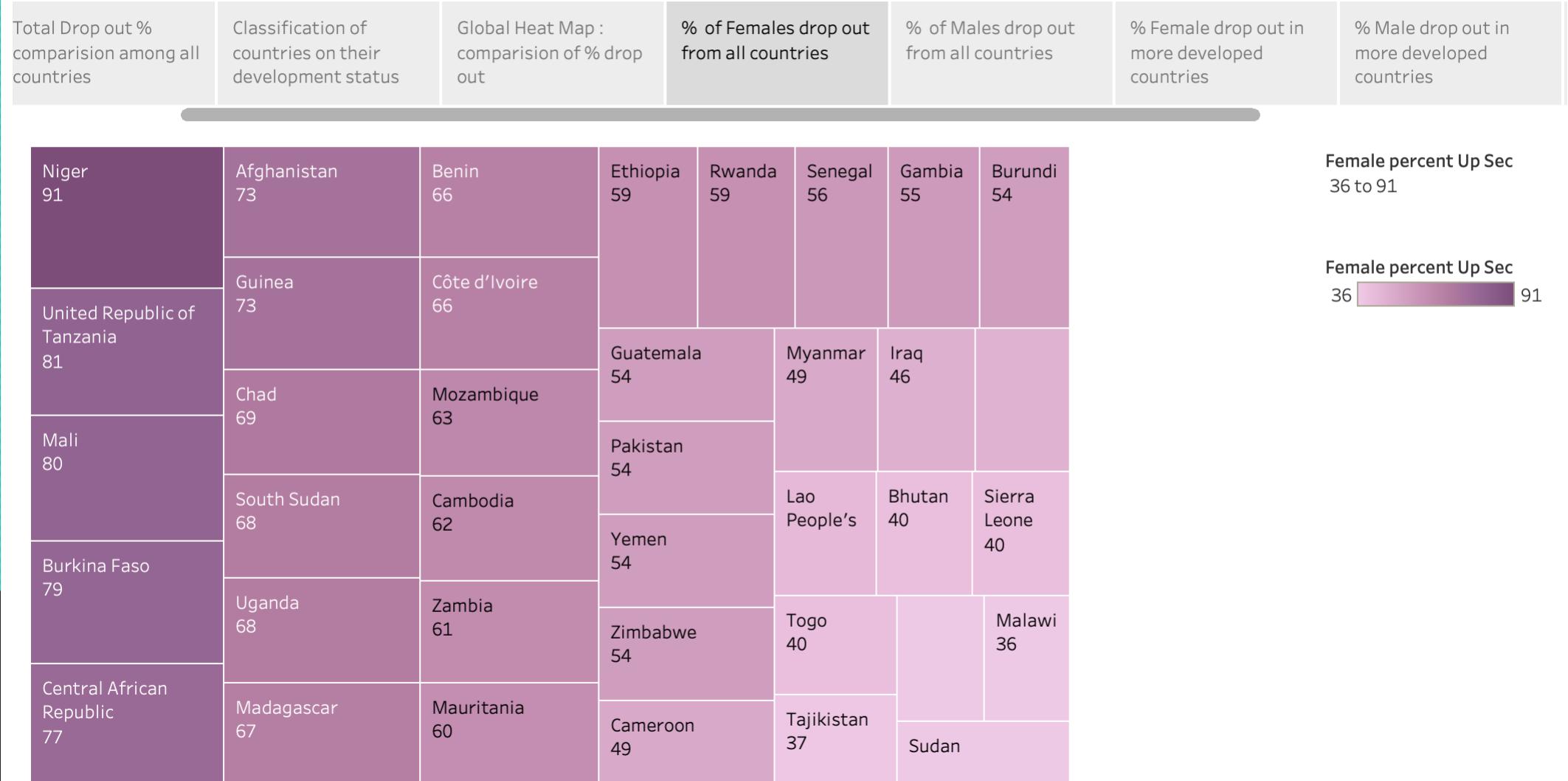
- India : 42,343 colleges
- Pakistan : 6100 colleges
- ratio of population :: India : Pakistan = 6 : 1
- ratio of colleges :: India : Pakistan = 7 : 1

Huge Multiplying effect

Analyzing less developed and more developed countries

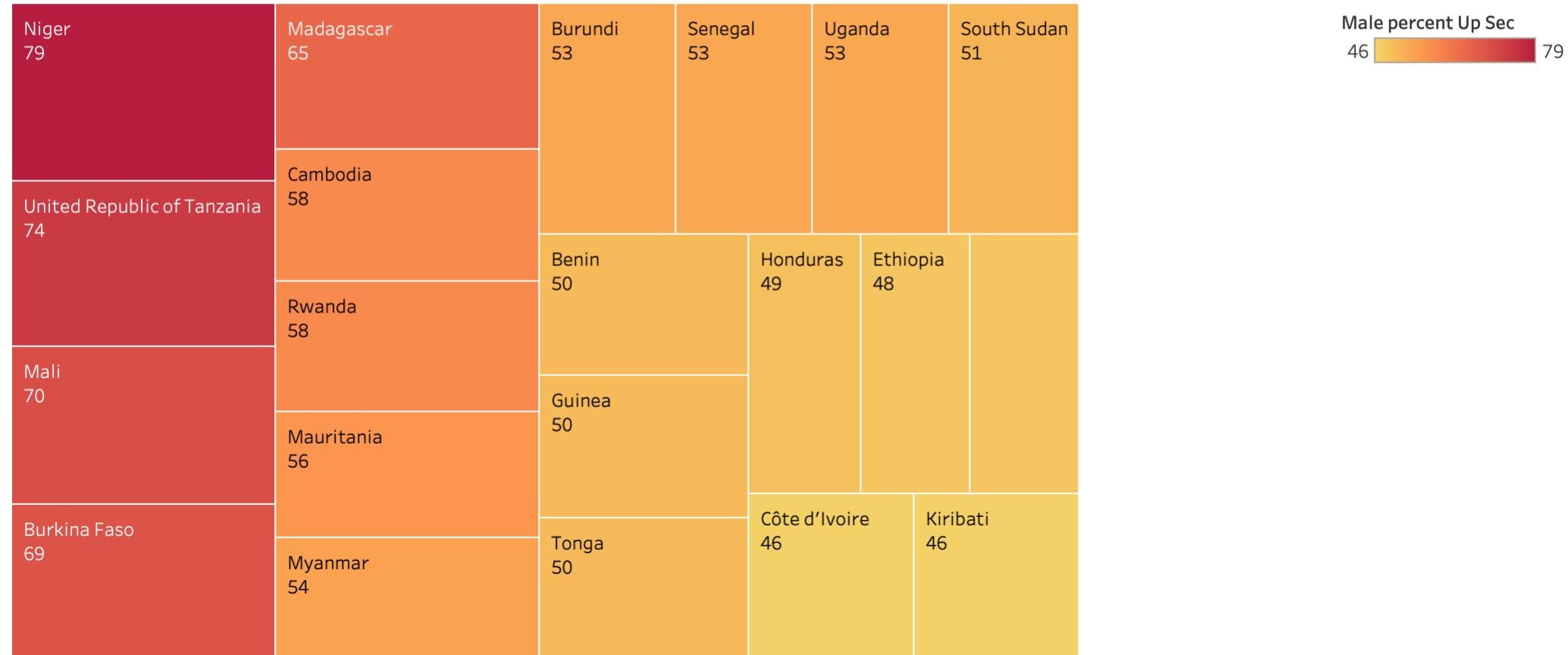
- ❖ dropout % is high in less developed countries due to lack of access to education, poverty and lack of appreciation of education
 - ❖ dropout % in More developed countries is less because of various reasons :
 - 1. The population of the country is very small, which makes it easier for the government of the country to provide access to education to all people
 - 2. Better job opportunities are present in such countries so people feel that their hard work of education is being paid off
 - ❖ dropout is present in more developed countries because :
 - 1. People have more opportunities to explore in domains where education might not be the major necessity (E.g. : Artists, Entrepreneurs , sports etc...)

Global % Drop out Analysis



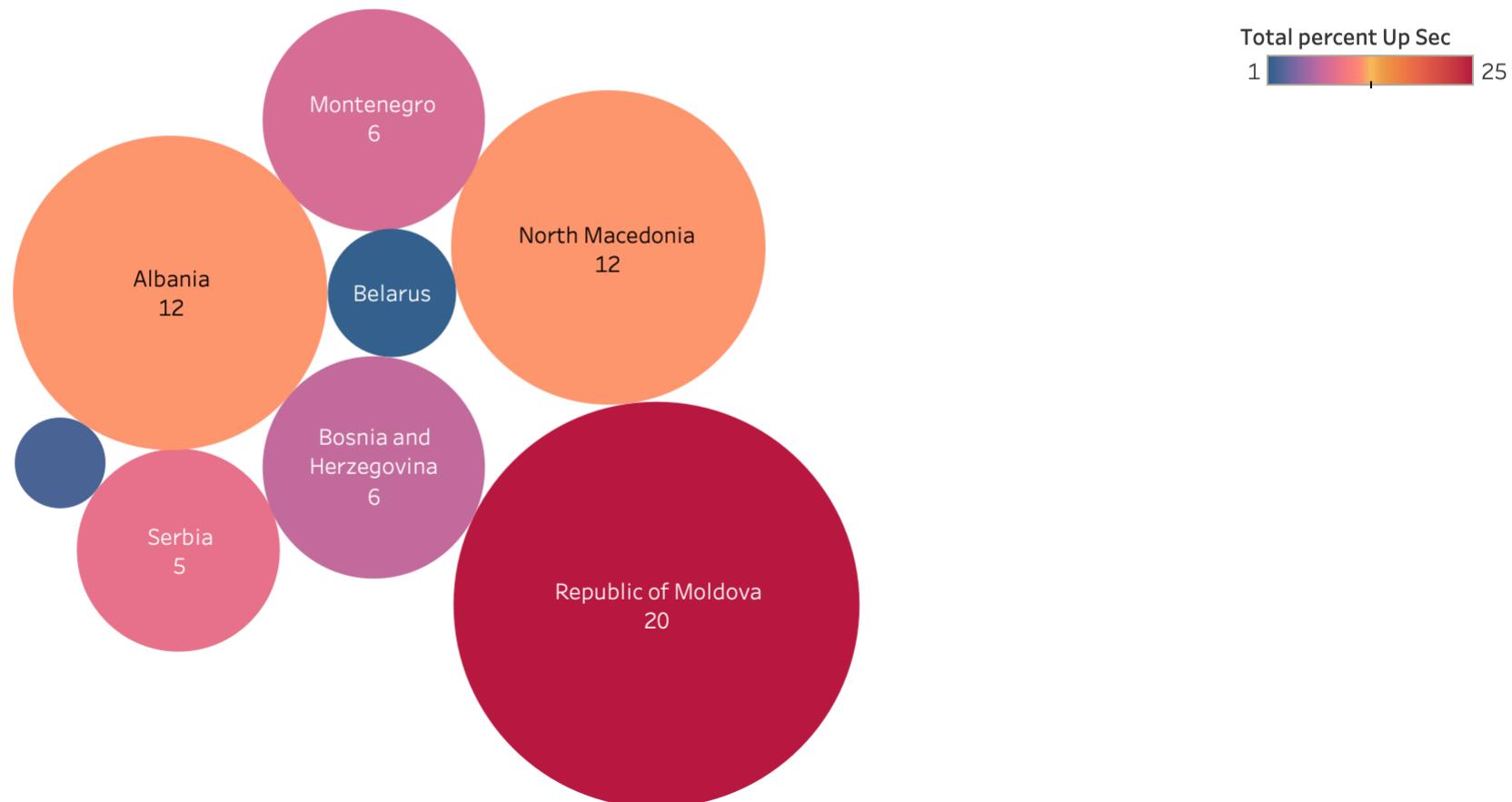
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Classification of countries on their development status	Global Heat Map : comparision of % drop out	% of Females drop out from all countries	% of Males drop out from all countries	% Female drop out in more developed countries	% Male drop out in more developed countries	% Drop out in rural part of the respective countries
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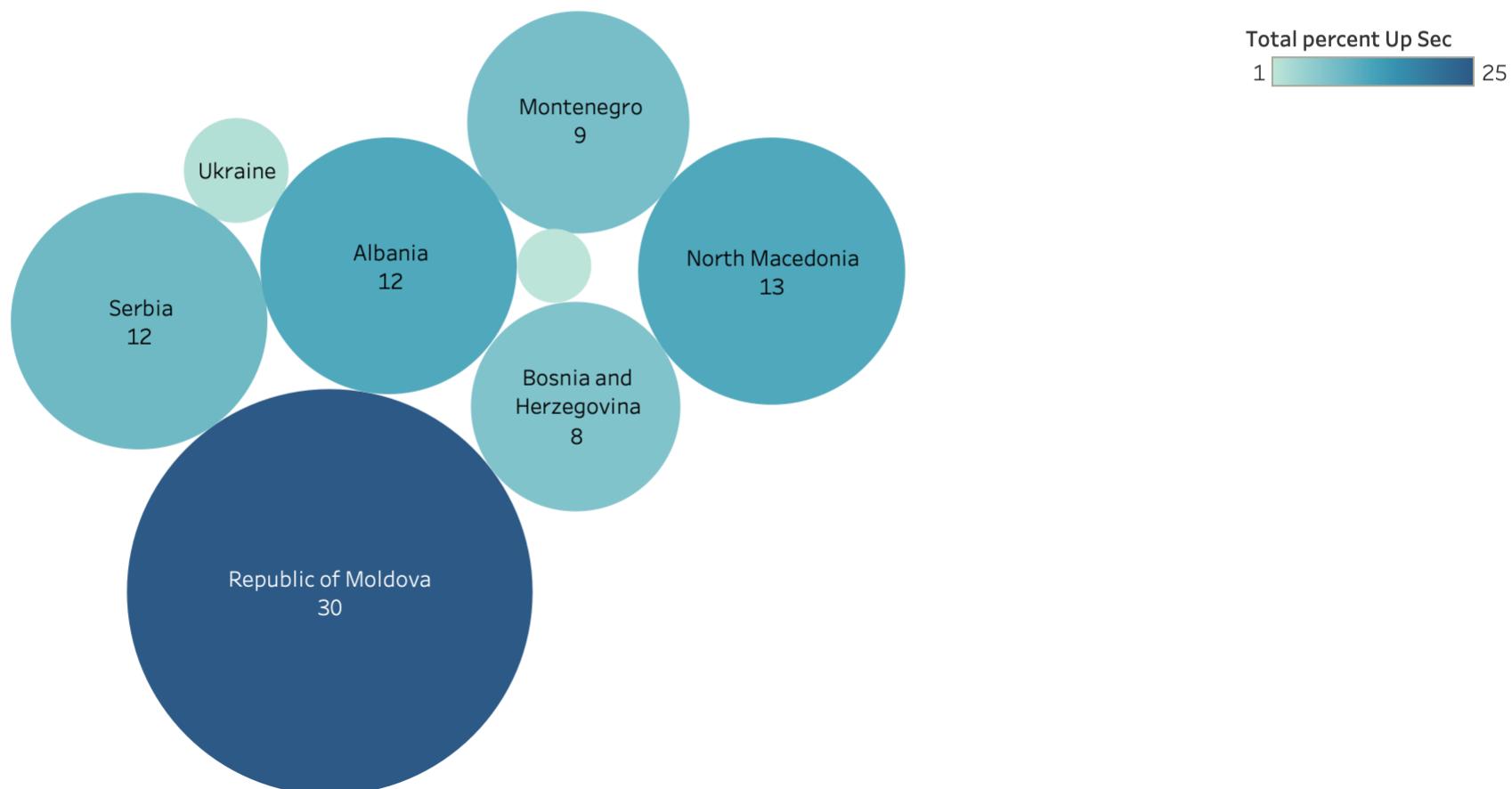
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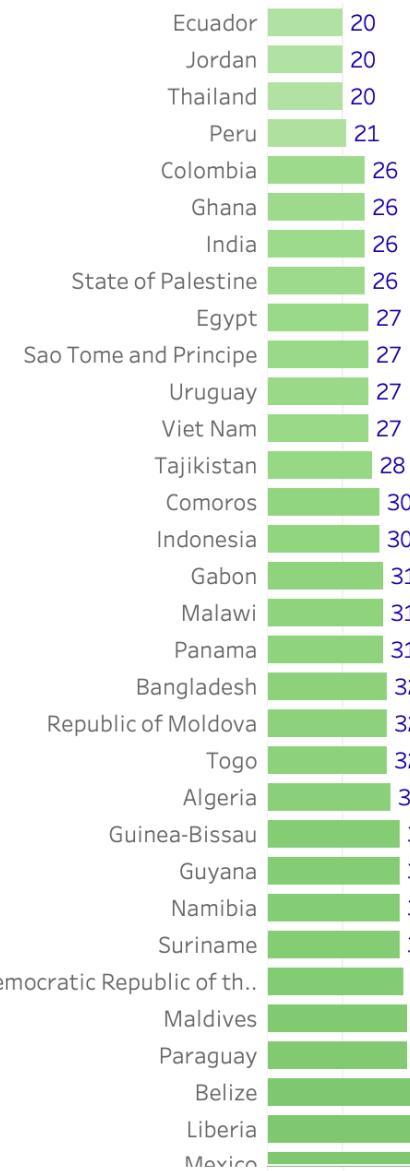
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Dropout Rates in Rural Areas vs Countries

Countries



Dropout Rates in Urban Areas vs Countries

Countries



Rural percent Up Sec



Urban percent Up Sec



Rural percent Up Sec

Urban percent Up Sec

Conclusion drawn from analysis :

Data source link : <https://www.kaggle.com/datasets/komalkhetlani/out-of-school-rates-global-data?select=Upper+Secondary.csv>

- Niger has the highest total school dropout rate, female dropout rate and male dropout rate.
- Some other countries with highest school dropout rates are Tanzania, Mali and Madagascar.
- Countries with lowest school dropout rates are Belarus, Barbados, South Korea and Turkmenistan.
- Most countries have higher dropout rates in rural areas compared to urban areas. Some Exceptions are Eswatini, Kenya and South Africa.
- 63% of countries have more female dropouts than male dropouts. Some exceptions are Kiribati, Mongolia, Philippines, Moldova, Serbia, Thailand, Palestine and Tonga.
- Countries having equal rates of male and female dropouts are Chile, Albania, Nepal, Paraguay and El Salvador.
- India has a relatively low drop our rate i.e. 23 %. Female Dropout rate is 5% more than Male Dropout rate and Dropout rate in Rural Areas is 9% more than the dropout rate in Urban Areas.