

Project 3 – Data Visualization

Life Expectancy by Country

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Topic:

Our group will be looking at the life expectancy by country. “Life expectancy, averaging a person's lifespan from birth to death, varies globally due to factors like genetics, lifestyle, and healthcare access.” We will be looking at the data and breaking it down by gender, looking at it with males and females together and separated.

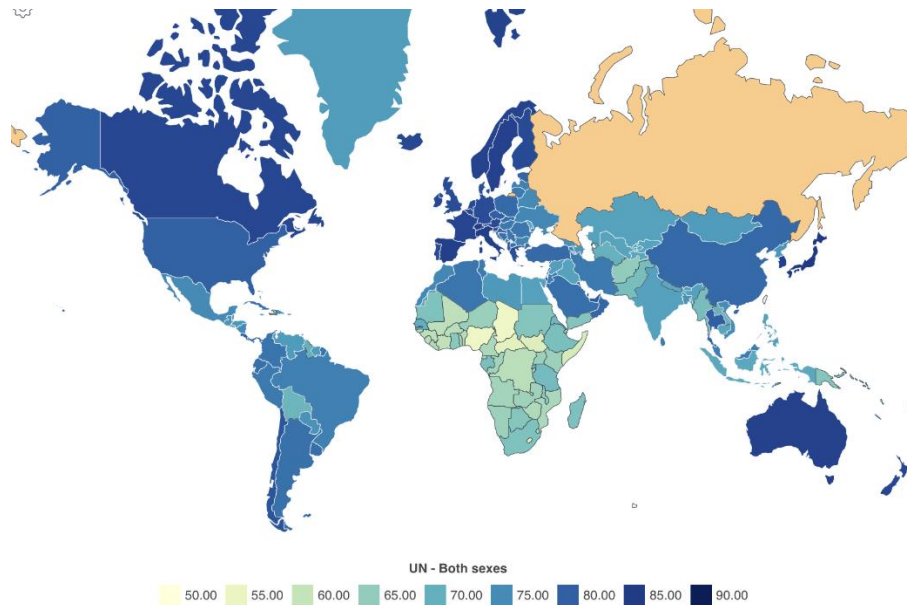
Data:

The data provided is from the United Nations (UN) and World Bank (WB). There is gendered data from both UN and WB. Our team can decide to use both for more visualizations or focus in on one source of data. There are 229 countries included in the dataset. Our team will need to ensure the data is cleaned and ready for import into a database, before creating our visualizations.

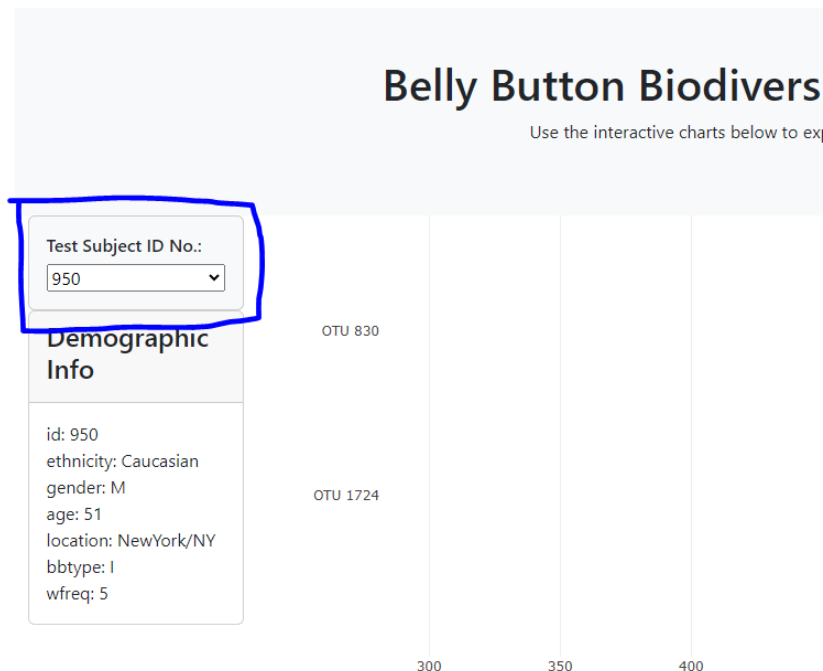
Link: <https://worldpopulationreview.com/country-rankings/life-expectancy-by-country>

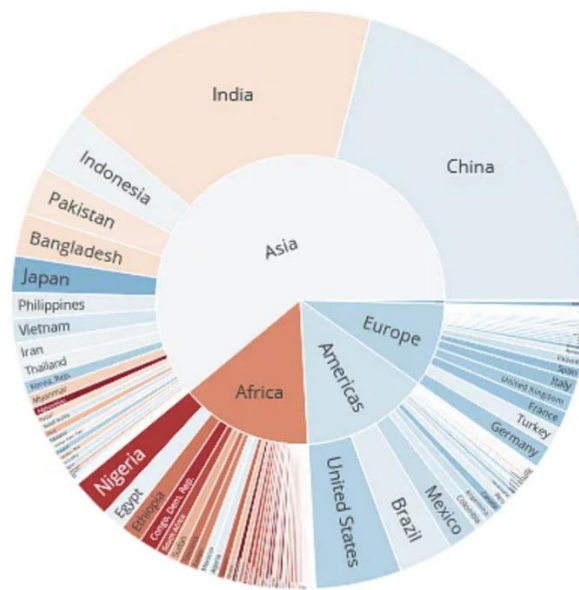
Country	UN - Both sexes ▾		UN - Female		UN - Male		WB - Both sexes		WB
Search... (229)	Min	Max	Min	Max	Min	Max	Min	Max	Min
Monaco	87.14		89.11		85.29				
Hong Kong	85.96		88.79		83.13		85		88
Macau	85.65		88.24		83.02		85		88
Japan	85.08		88.10		82.05		84		88
Liechtenstein	84.92		86.38		83.31		84		86
Switzerland	84.52		86.18		82.78		84		86
Singapore	84.39		86.55		82.28		83		86
Italy	84.35		86.27		82.30		83		85
South Korea	84.26		87.36		80.96		84		87
Spain	84.19		86.81		81.50		83		86

Sample Visualizations We Want to Create:

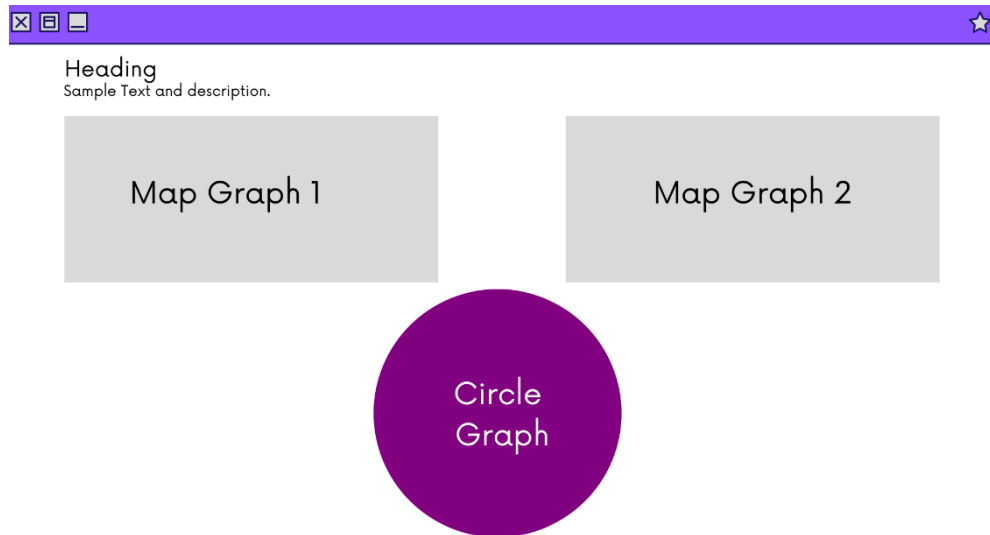


Russia		
UN - Both sexes	UN - Female	UN - Male
74.72	79.41	69.70





Sketch of the final design:



GitHub Link:

<https://github.com/symcd2020/Data-Visualization-Project---Life-Expectancy-by-Country.git>

References: <https://worldpopulationreview.com/country-rankings/life-expectancy-by-country>