

# A “Height Map”

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Digital Earth  
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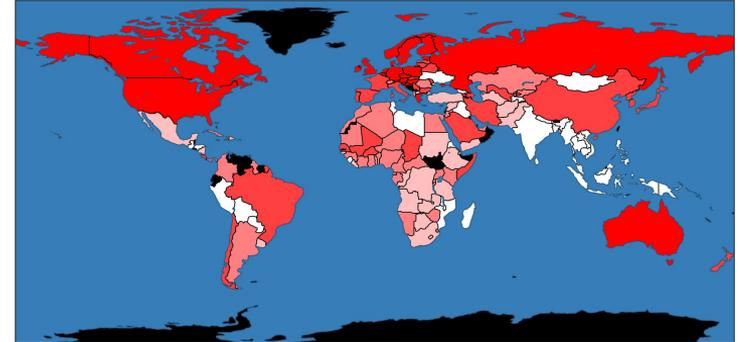
The concept of this project was designed to emphasize the visualization of the average height of males by country. Through a few iterations it was able to be made clear where men are taller and where men are shorter on average. It would be interesting to compare the height data with agricultural and financial data, but due to data collection methods the accurate results would require exploration outside of the scope of this project.

Through an iterative design process, the clarity of the data visualization was refined. It is clear that there are some countries and regions that stand out: Greenland, Venezuela, Oman, Antarctica, etc. These areas were included in the dataset but were given NULL (empty) values likely due to lack of access or government restrictions. Initially NULL regions were colored in white with other countries being a shade of red. These countries were removed from the gradient to avoid possible confusion. This greatly improved the clarity of the map. It was also the case that values read from the dataset were character strings. However, graduated symbols require numerical data. The expression:

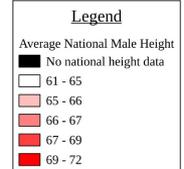
```
round(to_real("average-height-of-men-for-selected-countries_Human Height (University of Tuebingen (2015))" ) / 2.54)
```

was used to extract real values from the dataset and convert real centimeters to integer inches.

Average National Male Height by Country



CRS: WGS 84



All data comes from the [Our World in Data website](#). This data was provided free of charge in a .csv file. It is mostly wholistic, but misses a few regions. Some countries have height data from multiple years.

Through iterative design with feedback, the goal of a clear visualization of all data. It is a simple design, but conveys a lot of information. It was also important to convert from centimeters to inches to improve intuition from the American target audience