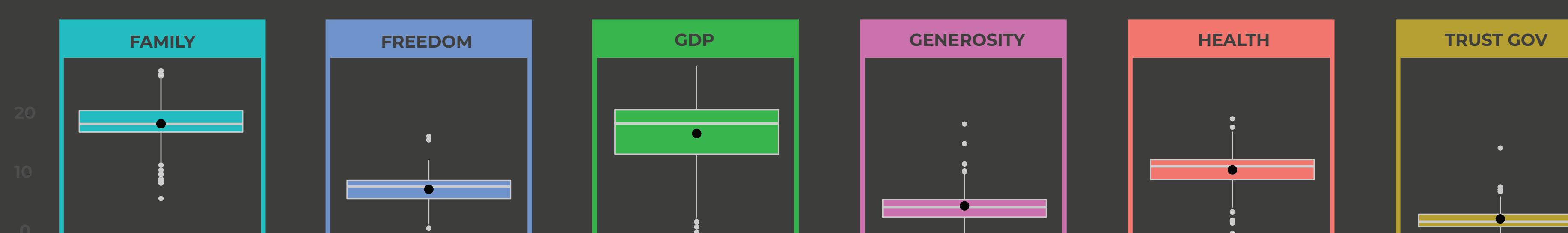


# THE HAPPINESS REPORT

## What makes the world happy?

The World Happiness Report is an overarching survey of the state of global happiness that ranks over 150 countries by how happy their citizens perceive themselves to be.

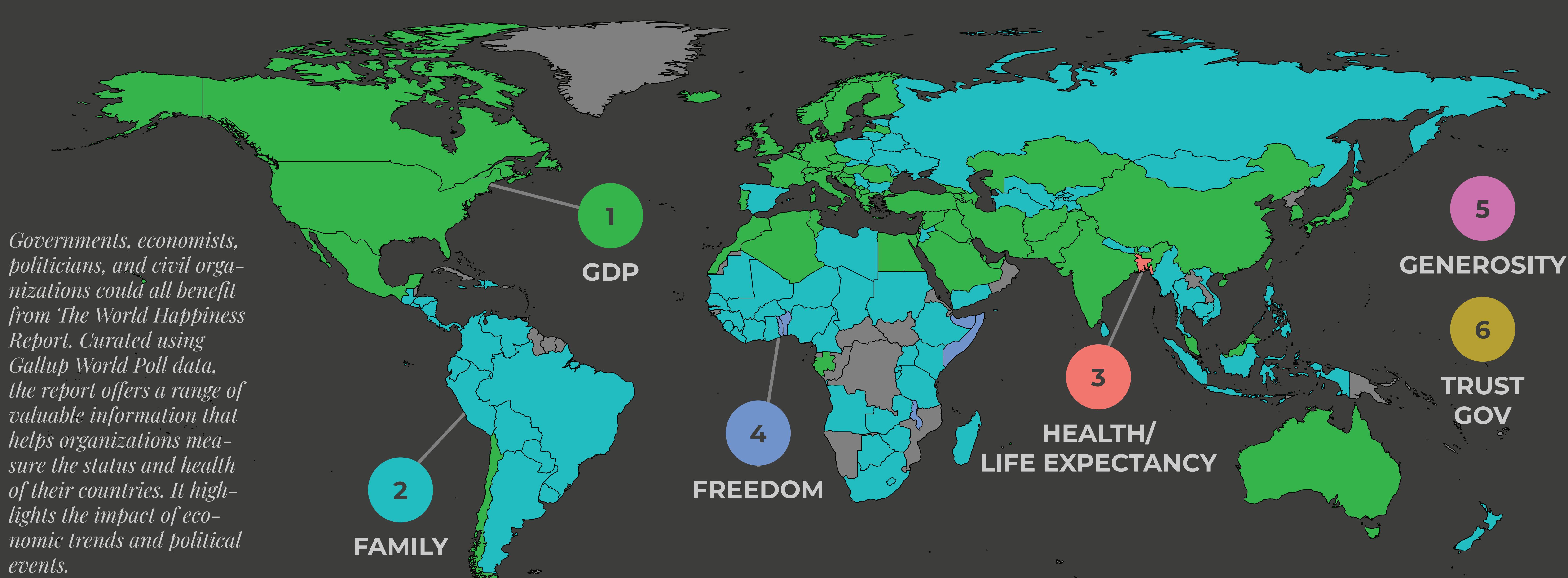
The report distinguishes six factors that impact citizens' happiness:



GDP, freedom, generosity, life expectancy, family, and government corruption all factor into the happiness score used in the ranking.

### Most Influential Factor for Each Country's Happiness

ECONOMY GDP PER CAPITA AND FAMILY WERE THE MOST INFLUENTIAL FACTORS FOR THE MAJORITY OF THE COUNTRIES' HAPPINESS SCORE



#### COUNTRIES WITH THE HIGHEST HAPPINESS SCORE

SWITZERLAND
DENMARK
ICELAND
NORWAY
FINLAND
CANADA
NETHERLANDS
SWEDEN
NEW ZEALAND
AUSTRALIA
ISRAEL
COSTA RICA
AUSTRIA
UNITED STATES
IRELAND
BELGIUM
GERMANY
LUXEMBOURG
BRAZIL
MEXICO

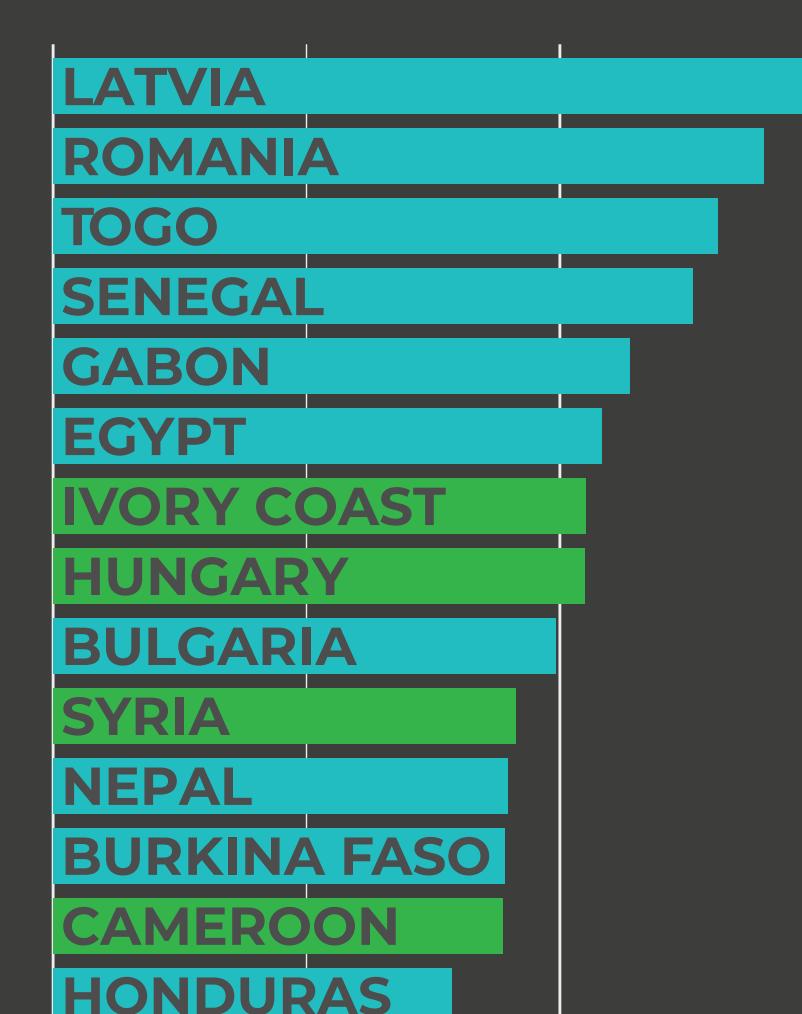
What are the 20  
**MOST  
HAPPY**  
countries?

### Which countries experienced the BIGGEST CHANGE in happiness between 2015 and 2017?

#### COUNTRIES WITH THE BIGGEST CHANGE IN HAPPINESS SCORE BETWEEN 2015 & 2017

##### POSITIVE:

In 2015 Latvia was ranked 89 in terms of overall happiness, however by 2017 Latvia rose to the 54th happiest country. Family contributed the most to Latvia's increase in happiness.



##### NEGATIVE:

Venezuela plummeted 59 spots in overall happiness between 2015 to 2017. This decline was due to a decrease in freedom. Currently, Venezuela is in a state of turmoil with corruption and human rights violations committed by their President Nicolás Maduro.

#### COUNTRIES WITH THE LOWEST HAPPINESS SCORE

MALI
HAITI
BOTSWANA
CAMBODIA
UGANDA
IVORY COAST
NIGER
LIBERIA
ANGOLA
YEMEN
CHAD
BURKINA FASO
MADAGASCAR
TANZANIA
GUINEA
AFGHANISTAN
BENIN
RWANDA
TOGO
SYRIA
BURUNDI

What are the 20  
**LEAST  
HAPPY**  
countries?

ABOUT THE DATA | Source: <https://www.kaggle.com/unsdsn/world-happiness>

The World Happiness Report is a global survey that measures the happiness for over 150 countries. The report evaluates countries' happiness on 6 factors: GDP, freedom, generosity, life expectancy, family and government corruption. The three csv files downloaded from the World Happiness Report on Kaggle: 2015, 2016, and 2017 were combined into 1 data frame consisting of 447 rows and 11 variables. The data was further aggregated to find the average for each variable per country and the percent that each variable contributed to the country's happiness. \*Pre-processing to ensure that each country was represented by the same name for each csv was done in Excel. R packages used: tidyverse (particularly ggplot2 and dplyr), world map\_data from R, and data.table.