

# European Union

## Birthrate and Pop. Below Poverty Line (Country Level, 2020)

The two variables have a moderate negative correlation with each other with a Pearson coefficient of -0.52567. The birth rate per 1000 people in each European country will decrease as the percentage of the population below the poverty line in each country increases and vice versa. The arithmetic mean of the population below the poverty line per country for Europe was 15.5 percent. 13 countries had more than 15.5 percent of their population below the poverty line, while 17 countries had less than 15.5 percent of their population below the poverty line. A natural breaks classification was used, as skewness for the population below the poverty line percent is low (0.6), and the birthrate data is only slightly skewed (0.8), which means that the distribution of data among classes is mostly even.

Data for both variables was compiled by the company IndexMundi, and obtained from the CIA World Factbook.

Scale: 1:32,000,000

Coordinate System:  
Europe Lambert  
Conformal Conic

0 500 1,000  
Kilometers

Pop. below Poverty Line (%)

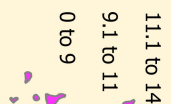
Class Frequency

7	1	0
7	3	3
2	5	2

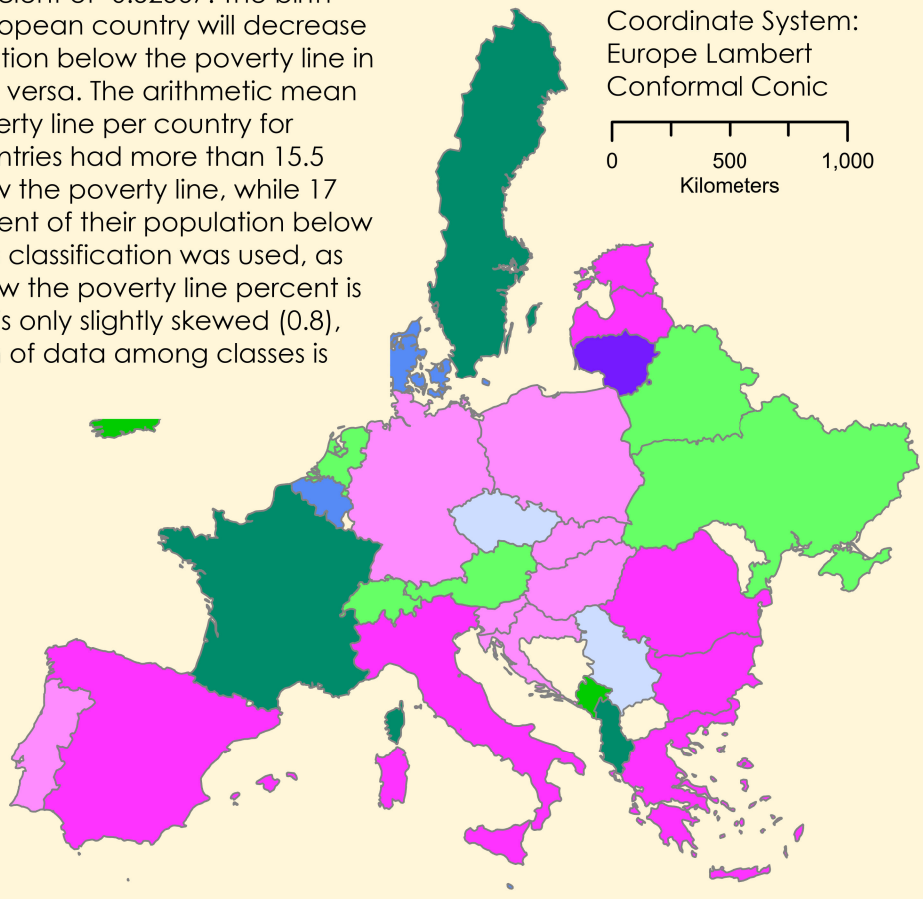
0 to 10

10.1 to 20

20.1 to 36

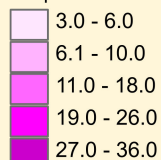


Births/1000 population

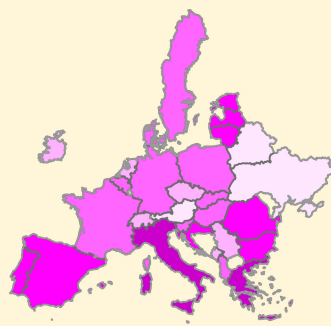


Data Sources: The World Factbook 2021.  
Washington, DC: Central Intelligence Agency, 2021.  
IndexMundi (webmaster@indexmundi.com)

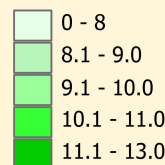
Pop. below Poverty Line(%)



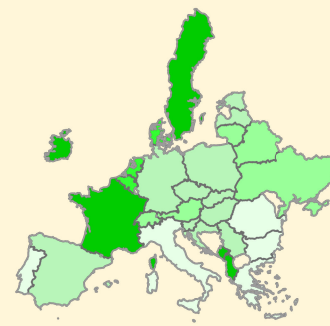
GVF: 95%



Birthrate per 1000



GVF: 98%



0 1,000 2,000  
Kilometers

Scale: 1:90,000,000

Cartographer: Justin Pan