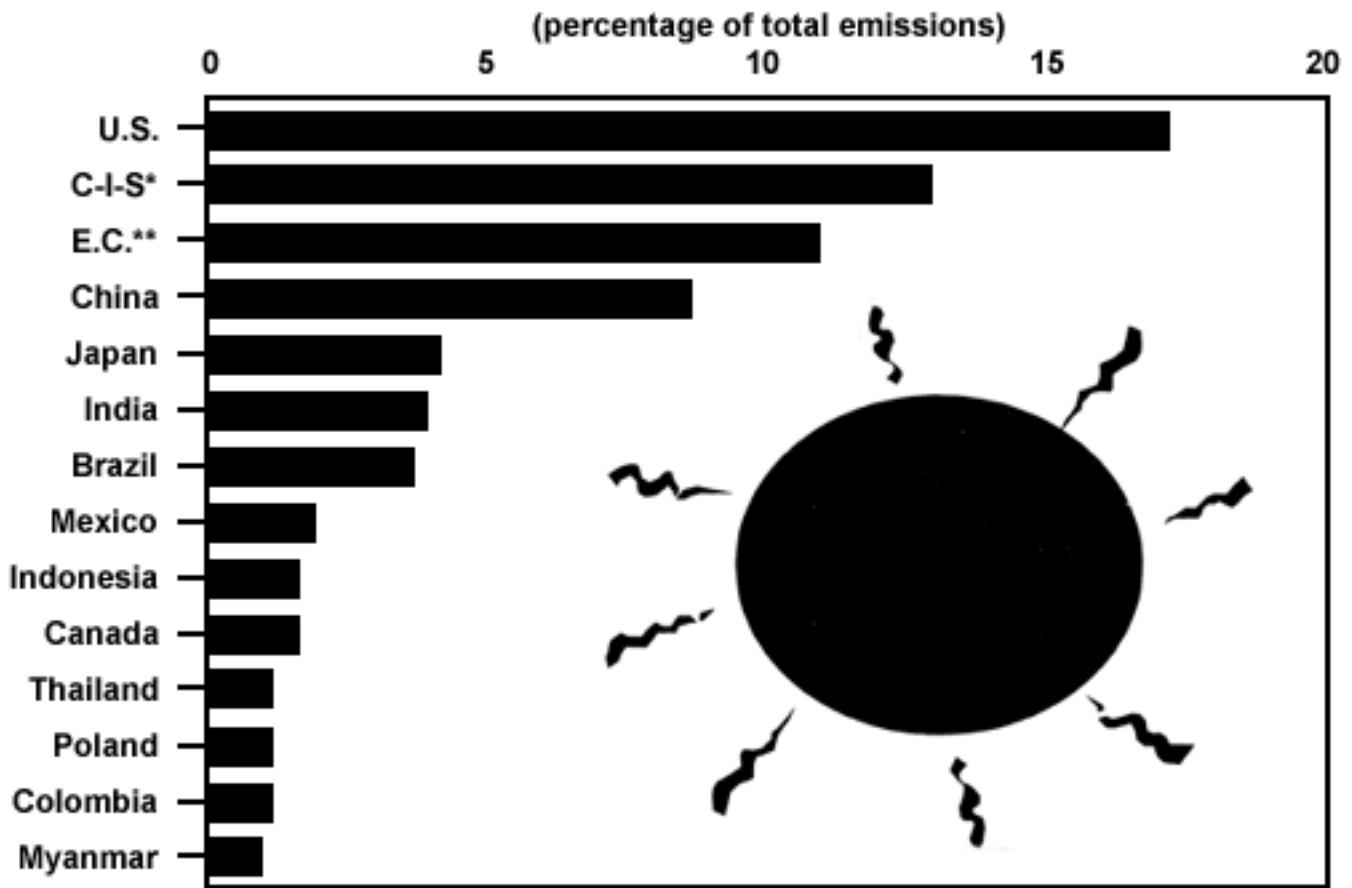


Polluting Populations



Introduction

This graph shows the atmospheric pollution emission levels of different countries as a percentage of the total emissions of all countries in 1989. CIS is the Confederation of Independent States from the former Soviet Union. The EC is the European Community (Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, and the United Kingdom).



What percentage of the total emissions belongs to the US?

What percentage belongs to the other countries?

Which continent produces the highest level of emissions?



Displaying Data

Below is the population of each area listed on the map.

| | | | |
|-----------|-------------|--------|---------------|
| US | 275,560,000 | CIS | 146,000,000 |
| E.C. | 355,620,000 | China | 1,261,800,000 |
| Japan | 126,550,000 | India | 1,014,000,000 |
| Brazil | 172,860,000 | Mexico | 100,350,000 |
| Indonesia | 224,780,000 | Canada | 31,278,000 |
| Thailand | 61,231,000 | Poland | 38,646,000 |
| Colombia | 39,685,655 | | |

Plot a graph of the population (independent variable) and the level of emissions (dependent variable).



Analyzing Data

Describe the relationship you have found.

What other variables, besides population, could be involved in the atmospheric emissions of a country?