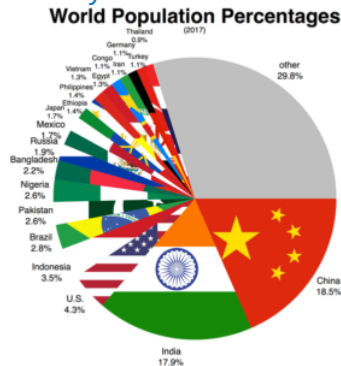


## 8.2: Introduction to Estimating a Population Proportion

What you'll learn to do: Construct a confidence interval to estimate a population proportion.



In this section, we will continue studying the estimation of a proportion with a confidence interval. We will recognize situations that call for testing a claim about a population or estimating a population proportion. We will learn to construct a confidence interval to estimate a population proportion when certain conditions are met and interpret this interval in context. We also will learn how to interpret the meaning of a confidence level and relate it to the margin of error. These tools can be used in many applications from sports attendances to online medical tools.

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