

Predicting Next Year's Population

The World Factbook

Each year, the Central Intelligence Agency (CIA) publishes the *The World Factbook*, a compendium of data describing the countries of the world.

1. Use the SELECT A COUNTRY OR LOCATION pop-up menu to choose your team's country.
2. Click on PEOPLE AND SOCIETY tab.
3. Use the Population value for your initial population.
4. Use the Birth Rate, Death Rate, and Net Migration Rate data to build the growth for a simple exponential model.
5. Produce a good graph of your model.
6. Predict your country's population for the next five years.
7. Discuss whether the predictions are reasonable or not and why.
8. What factors could change that would affect your model?
9. Determine whether the country's resources will be adequate to your projection of the population growth.