

Population Growth...

- A population is a group of [organisms](#) of one [species](#) that interbreed and live in the same place at the same time (e.g. deer population).
- **Organism** → a living thing
- **Species** → level of classification
- The term "**population growth**" refers to how the number of individuals in a population increases (or decreases) with time.
- If a population has a constant birth rate through time and is never limited by food or disease, it has what is known as **exponential growth**.

EXAMPLE of Exponential Growth



Fluctuations of Human Populations...

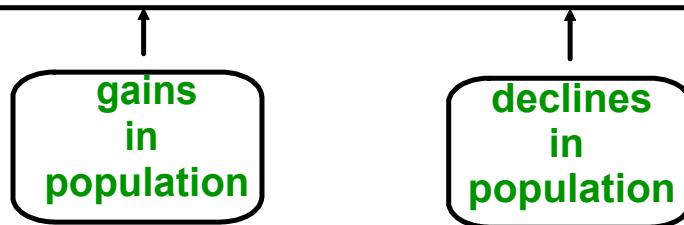
- LOCALLY
- REGIONALLY
- GLOBALLY

Changing Population Sizes

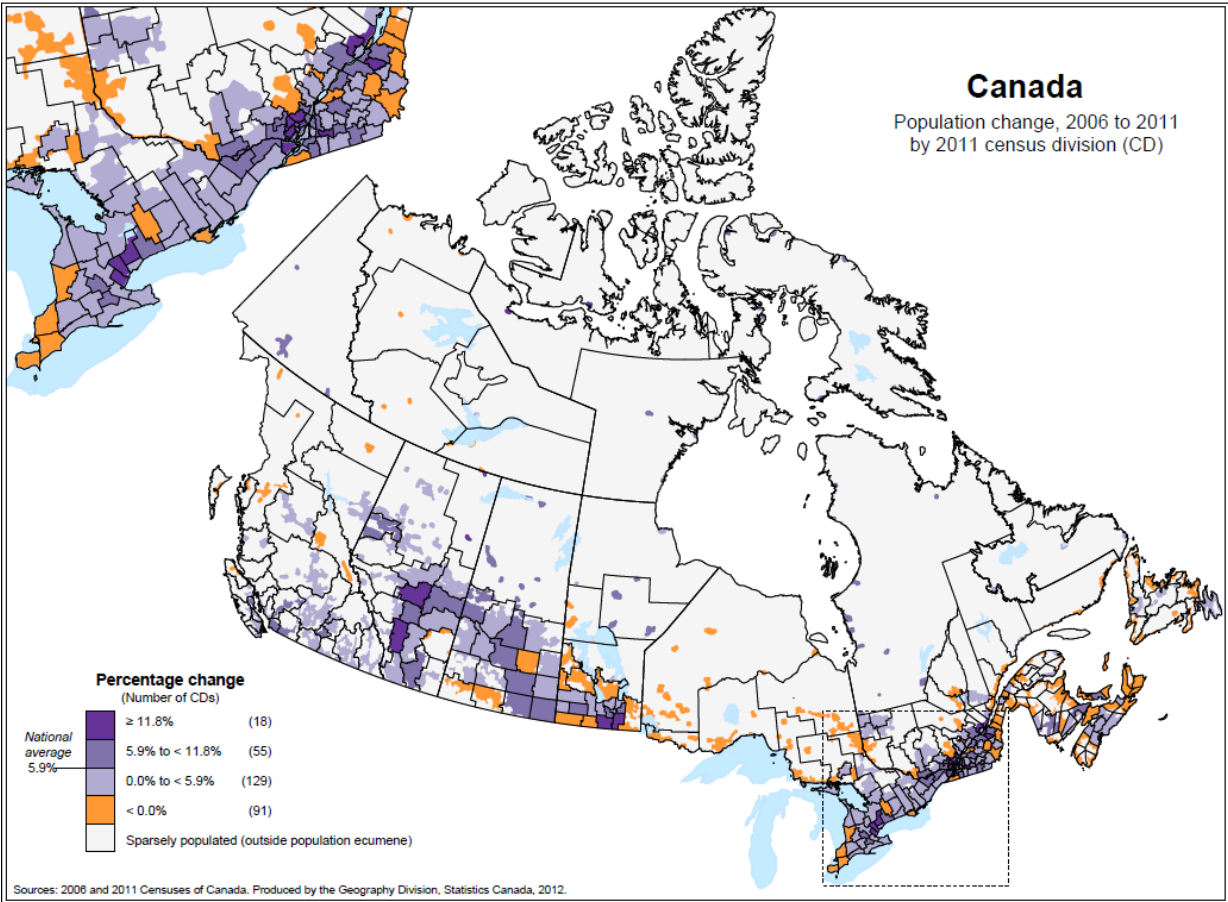
Four variables affect changes in population sizes...

1. births
 2. deaths
 3. **immigration** - act of entering a nation
 4. **emigration** - act of leaving a nation
- [A person emigrates **from** Germany and then immigrates **to** Canada.]

$$\text{population change rate} = (\text{births} + \text{immigration}) - (\text{deaths and emigration})$$



The term "**population growth**" refers to how the number of individuals in a population increases (or decreases) with time.



Let's look at some STATS from...

Statistics Canada Canada

Information for... Browse by subject Browse by key resource Help

Home > Census > Data products > Highlight tables > Population and dwelling counts

Population and dwelling counts, for Canada, provinces and territories, and designated places, 2011 and 2006 censuses

About Data table Download Related data

Select a province or territory

New Brunswick

Population and demography

Births and deaths

Live births, stillbirths, fertility rates, pregnancies, abortions, deaths, causes of death, deaths in hospitals, mortality rates, and life expectancies.

The Canadian Population in 2011: Age and Sex

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