

Ethical Consumerism

Ethical consumerism is the purchase of products that are perceived by the consumer to be made in an ethical manner, usually in reference to the lack of exploitation of humans, animals and the environment.

It includes positive buying of products and boycotting products for negative reasons.

- local food
- free range and organic meat and eggs
- cage-free eggs
- vegetarianism
- avoidance of clothes and shoes made in sweatshops
- animal-free testing of cosmetics
- green construction
- hybrid vehicles
- biodegradable products

Population Growth...

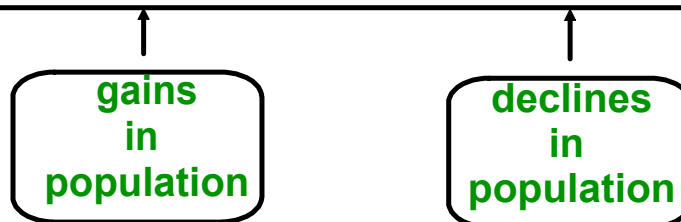
- A population is a group of [organisms](#) of one [species](#) that interbreed and live in the same place at the same time (e.g. deer population).
 - **Organism** → a living thing
 - **Species** → level of classification
 - The term "**population growth**" refers to how the number of individuals in 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**.
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Changing Population Sizes

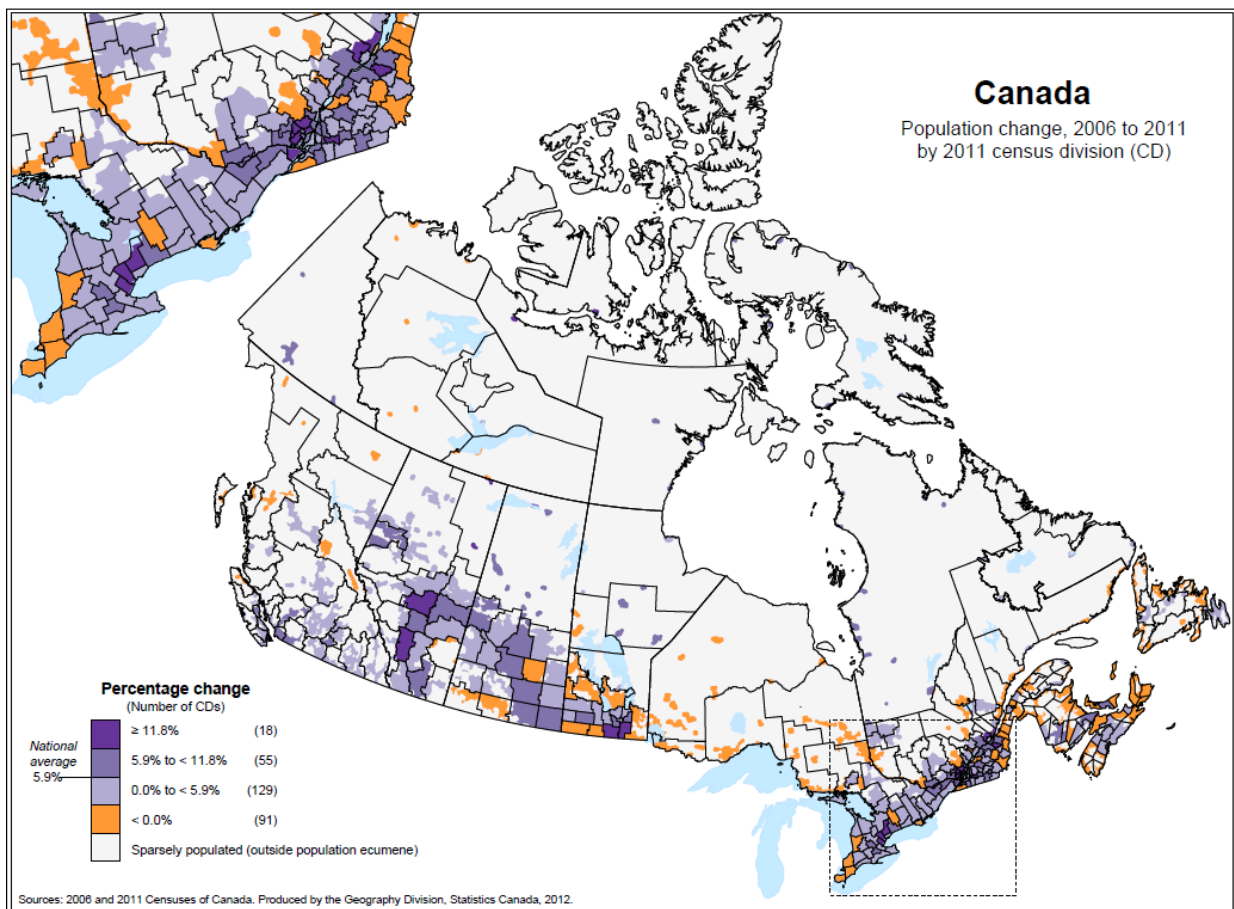
Four variables affect changes in population sizes...

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.]

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



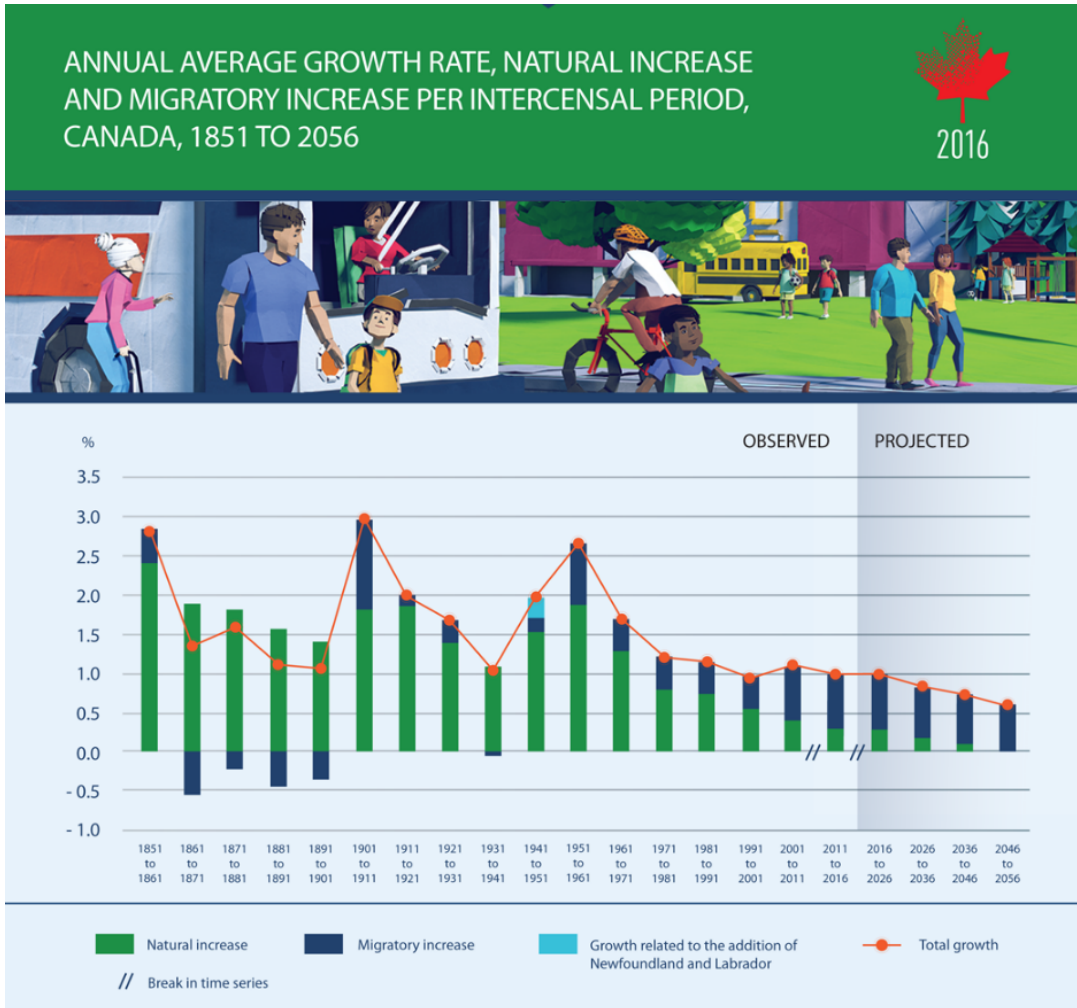
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Let's look at some STATS from...

<http://www12.statcan.gc.ca/census-recensement/index-eng.cfm?HPA=1>

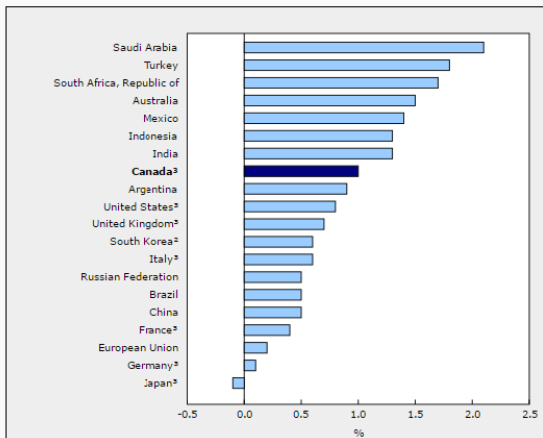




<http://www.statcan.gc.ca/daily-quotidien/170208/cg-a001-eng.htm>

Chart 1
Average annual population growth rate among G20 and G7 countries, 2011 to 2016¹

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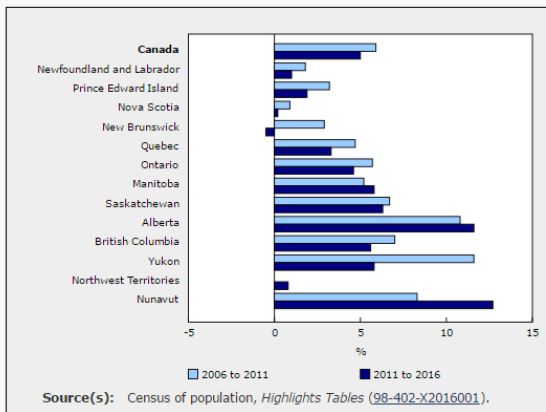


<http://www.statcan.gc.ca/daily-quotidien/170208/cg-a002-eng.htm>

Chart 2 Population growth rate, Canada, provinces and territories, 2006 to 2011 and 2011 to 2016

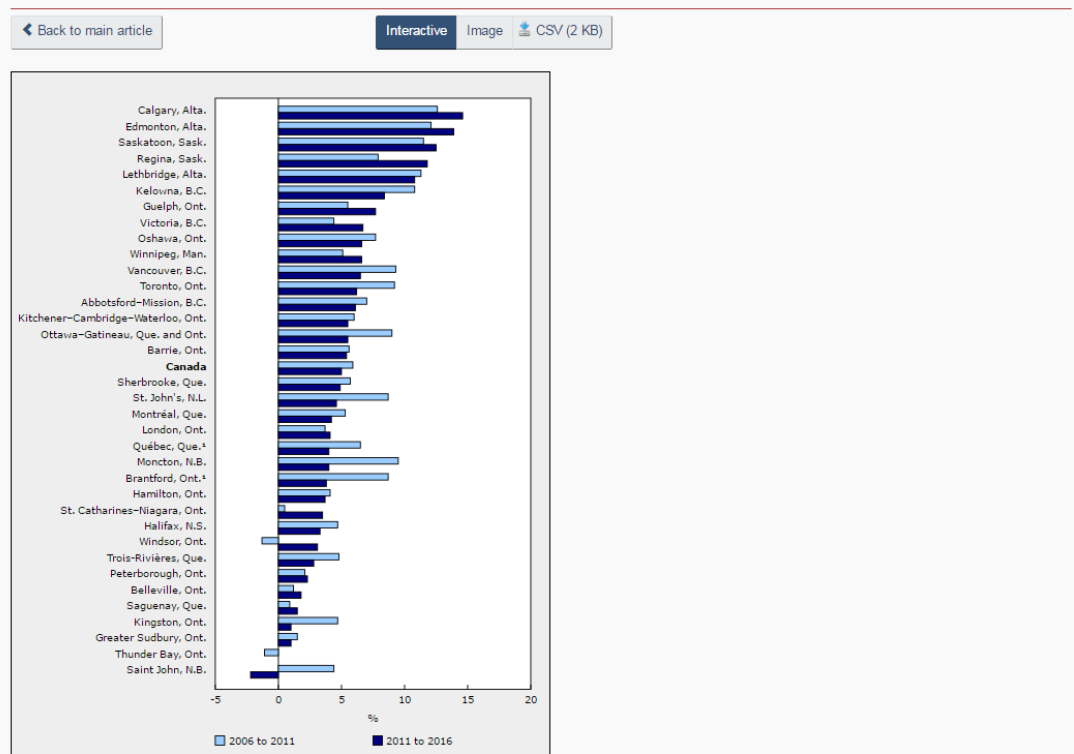
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<http://www.statcan.gc.ca/daily-quotidien/170208/cg-a003-eng.htm>

Chart 3
Population growth rate among census metropolitan areas (CMAs) in Canada, 2006 to 2011 and 2011 to 2016, ranked by percentage growth in 2016



New Class Logo...

