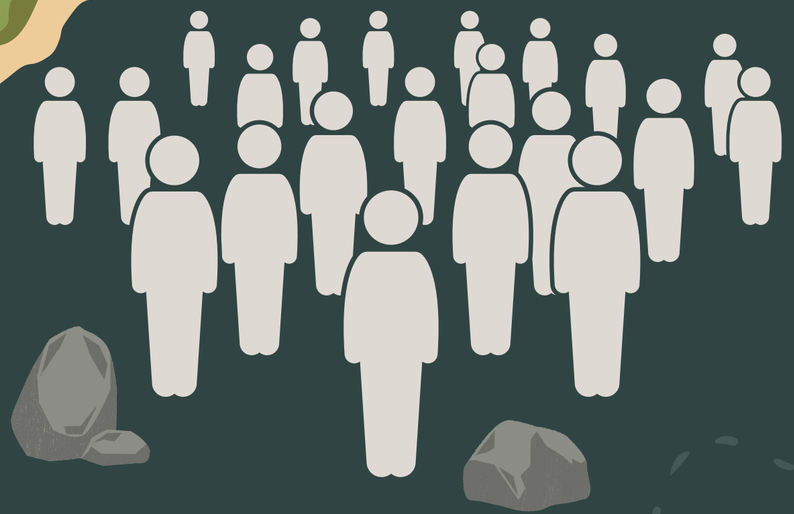
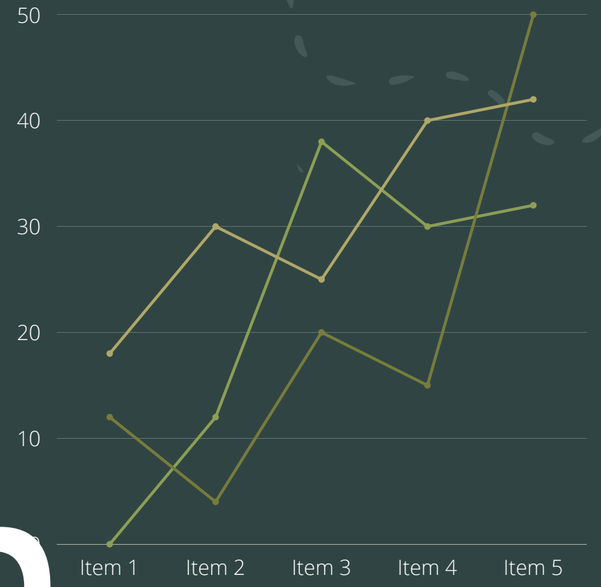
Population

Data. Graphs. Interpretation





What is a population?

1. The whole number of people living in a country, city, or area.
2. A group of people or animals living in a certain place e.g the deer population.

Representing Data
Graphs & Charts

Graphs and charts can organise and present complex data making it easier for people to understand and are commonly used for business purposes. But they are different visuals used for different purposes.

Graphs

Graphs, however, focus on raw data and show trends over time.

Charts

Tables, diagrams or pictures that organise large amounts of data clearly and concisely. People use charts to interpret current data and make predictions.

PIE CHART

COLUMN CHART

HISTOGRAM

GRAPH

AREA CHART

BAR CHART

GAUGE CHART

BUBBLE CHART

DONUT CHART

SCATTER CHART

TREEMAP

STOCK ANALYSIS

POLAR DIAGRAM

TABLE

GANTT CHART

FINANCIAL ANALYSIS

ORG CHART

COMBO CHART

MIND MAP

VENN DIAGRAM

dreamstime

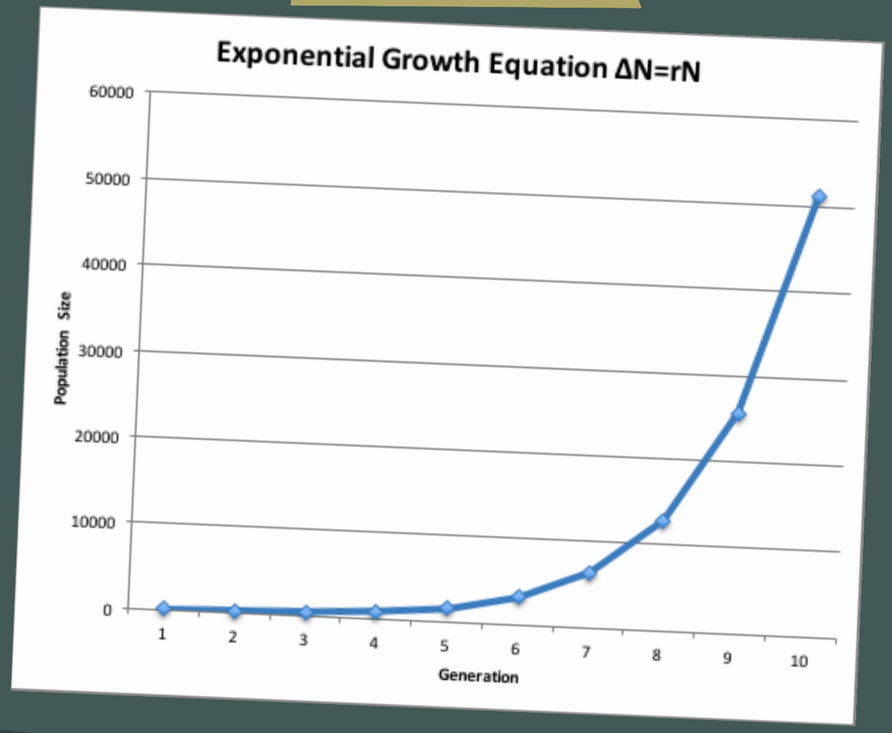
Population Graphs

Population graphs are a way to easily see how a population is increasing or decreasing over time. Population graphs are usually displayed as line graphs: graphs with an x-axis and a y-axis that have one continuous line running from left to right.

Population Growth Types

Exponential Growth

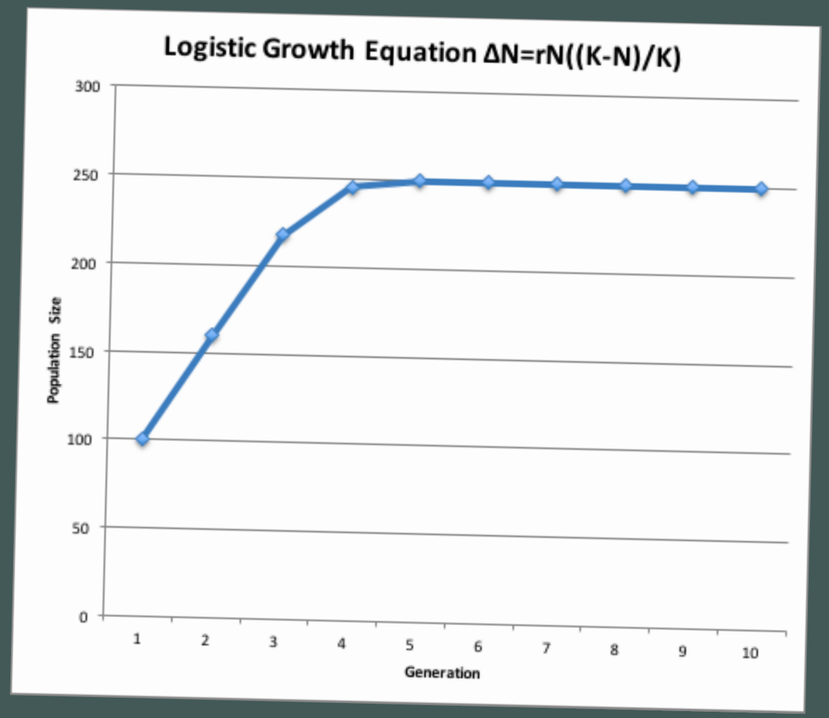
An exponential growth is a period of slot growth at the beginning followed by a period of explosive growth later on. So we can describe the population growth as exponential if this pattern is spotted.



Population Growth Types

Logistic Growth

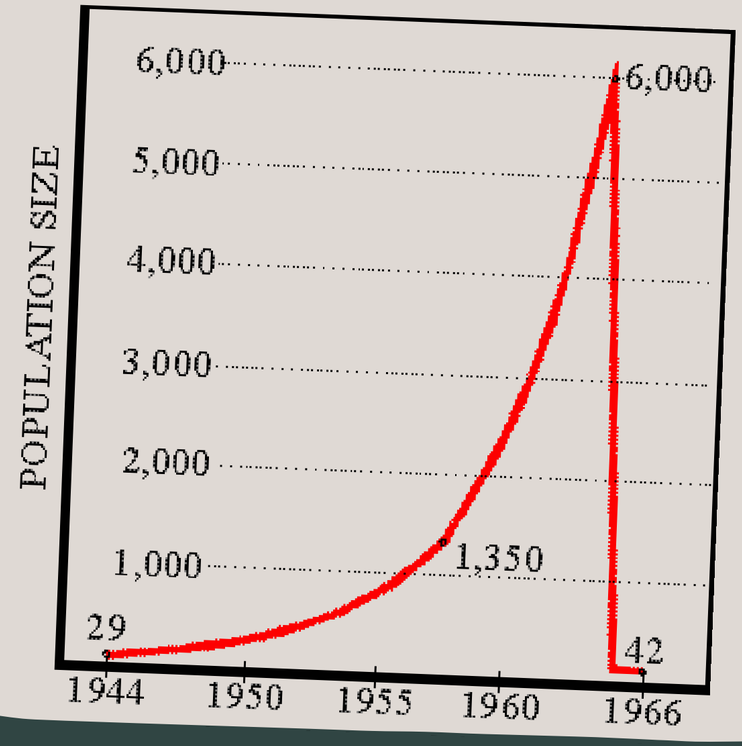
After a period of exponential growth the growth levels off where we end up with a stable population size



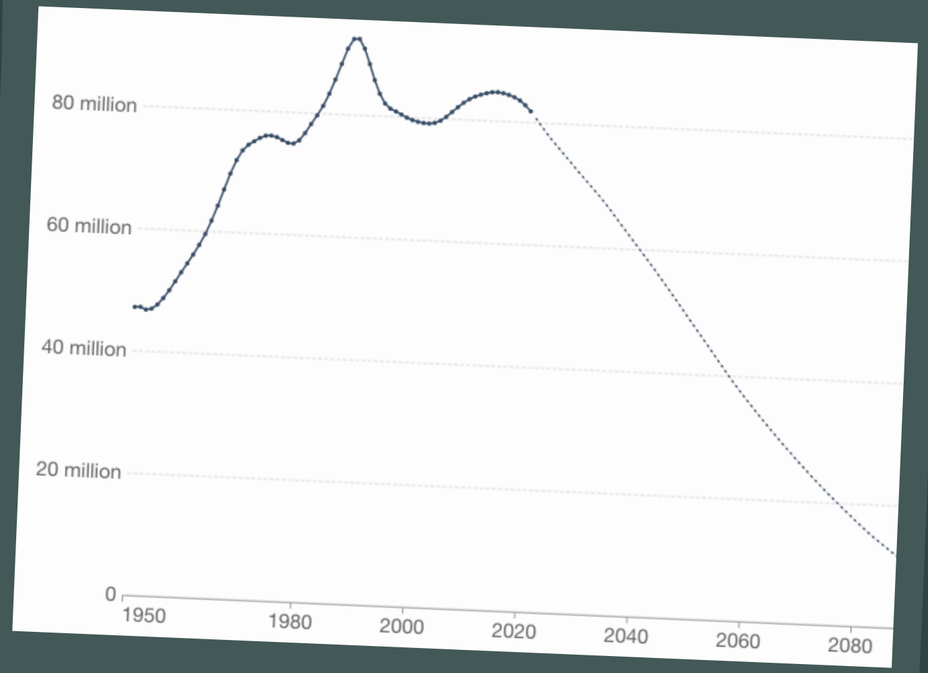
Population Growth Types

Rise & Crash Growth

A period of exponential growth then a sharp decline (mostly seen in animals due to condition, and in human in war times).



Population Growth Types

Fluctuating Growth

An inconsistent period of increase and decrease in the population figures usually due to high instability.