

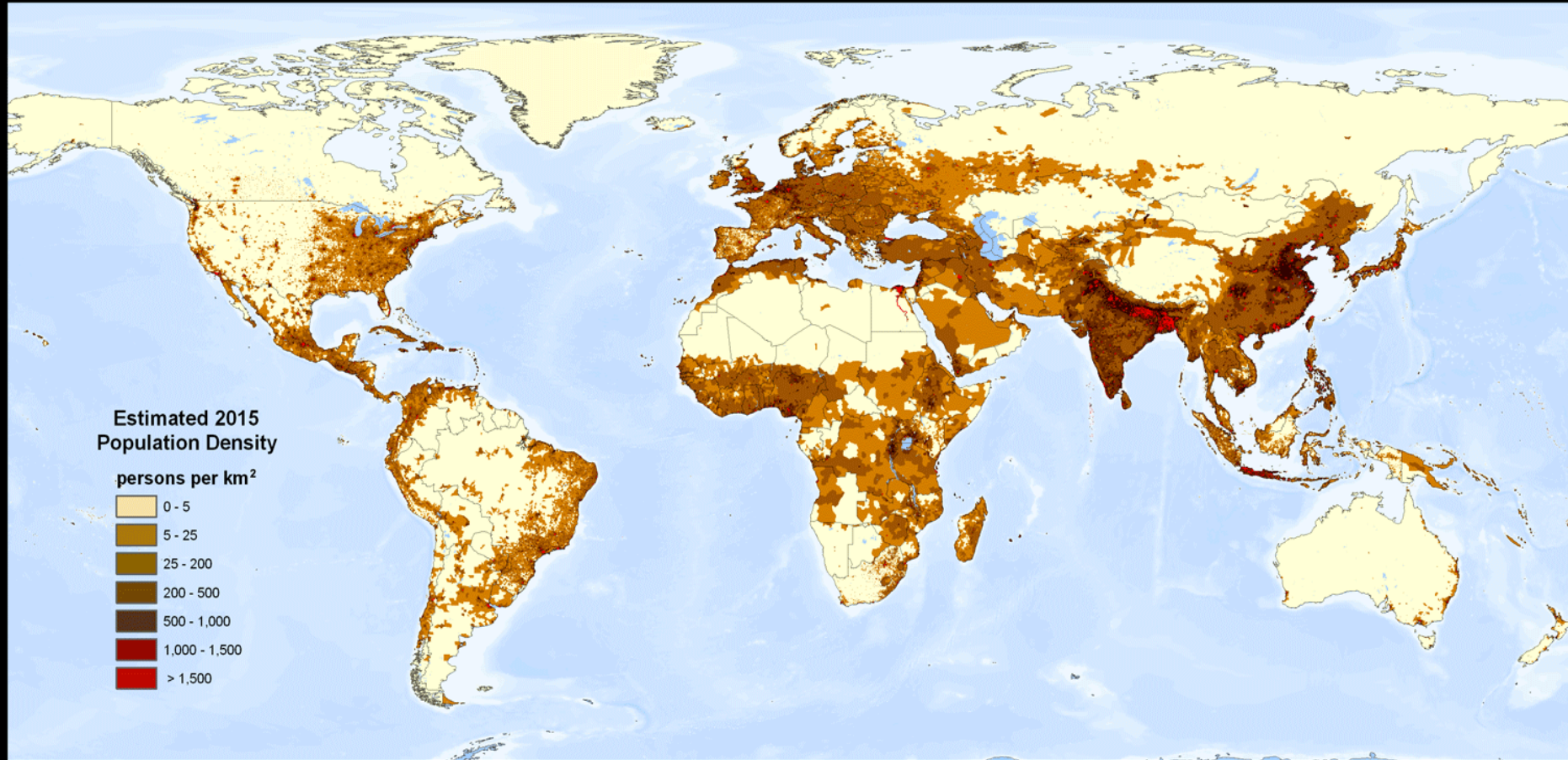
Changing of the Population



Learning Objectives

- Identify factors that affect population size

Population Density



Population density - the number of individuals per unit area.

Factors That Affect Population Size

Births

Deaths

Immigration

Emigration

Birth



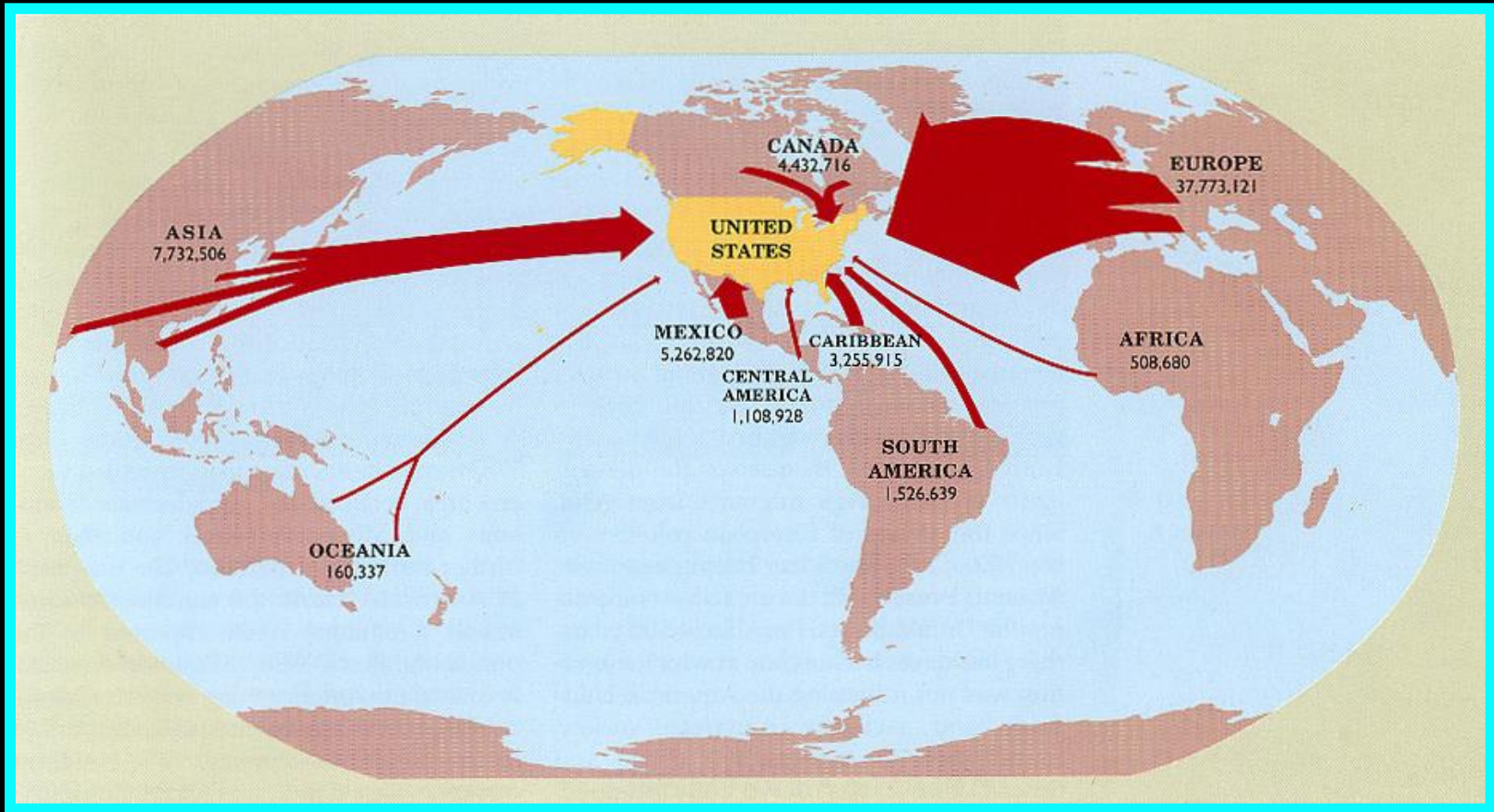
Births increase the number of individuals in a population

Death



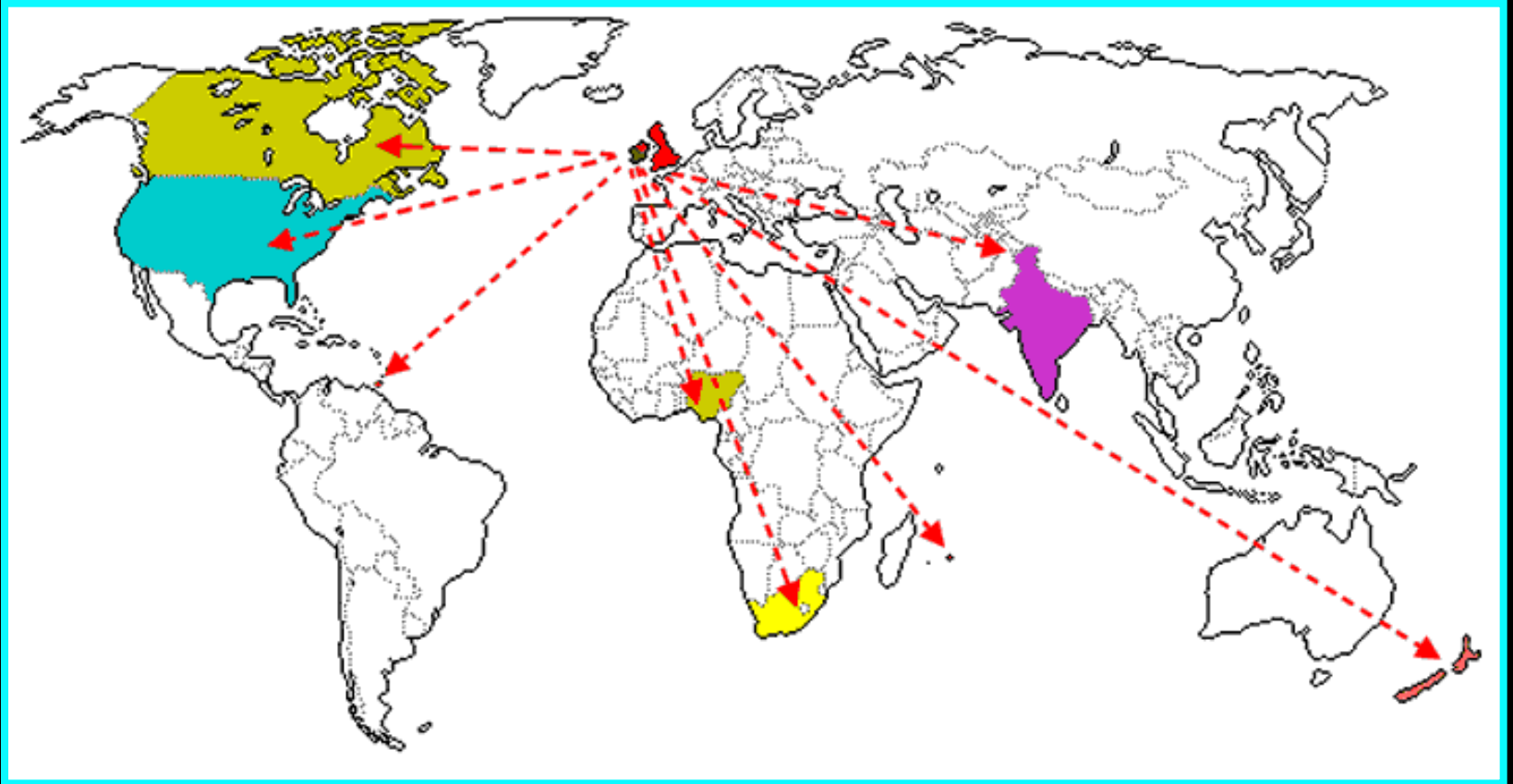
The size of a population decreases when individuals die

Immigration



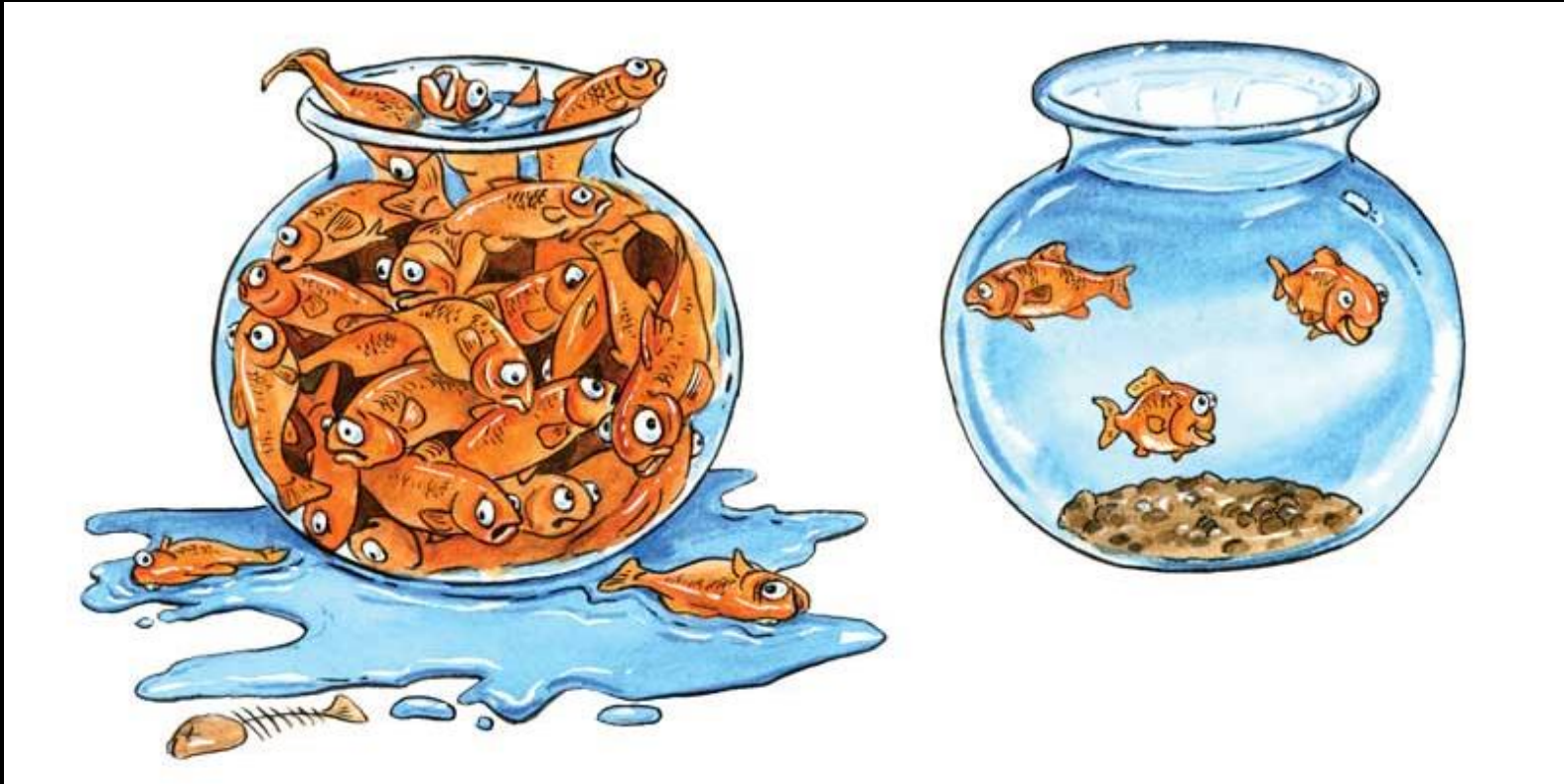
Immigration - the movement of individuals into a population from another place.

Emigration



Emigration - the movement of individuals out of a population and into another population.

Carrying Capacity



Carrying capacity - the maximum # of individuals of a given species that an area's resources can sustain indefinitely.

Factors That Affect Carrying Capacity



1. Abundance of food



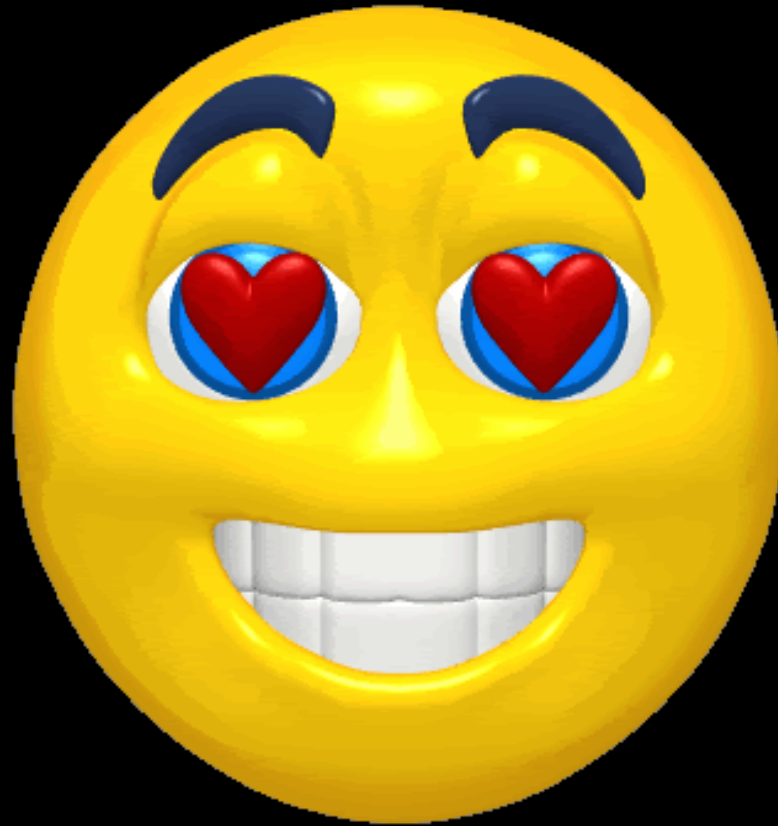
2. Sustainable food supply



3. Competition for food

YouTube World Population

Stop Here



Ecology - Part 9



Changing of the Population

Limiting Factor