


Human Population Growth

Demography - the study of human population size, density, distribution, movement and birth and death rates

| | |
|--------------------|----------|
| 1800 - 1 billion | } 30 yrs |
| 1930 - 2 billion | |
| 1960 - 3 billion | |
| 1975 - 4 billion | |
| 1987 - 5 billion | |
| 1999 - 6 billion | } 12 yrs |
| 2050 - ~ 9 billion | |

<http://www.peterrussell.com/Odds/WorldClock.php>

Why the increased growth rate?

 Birth rate
 - technology
 - medicine

 Death rate

see figure 4.12 in book page 101

Demographic Transition

* A change in the population from high birth and death rates to low birth and death rates

→ developing vs industrialized countries

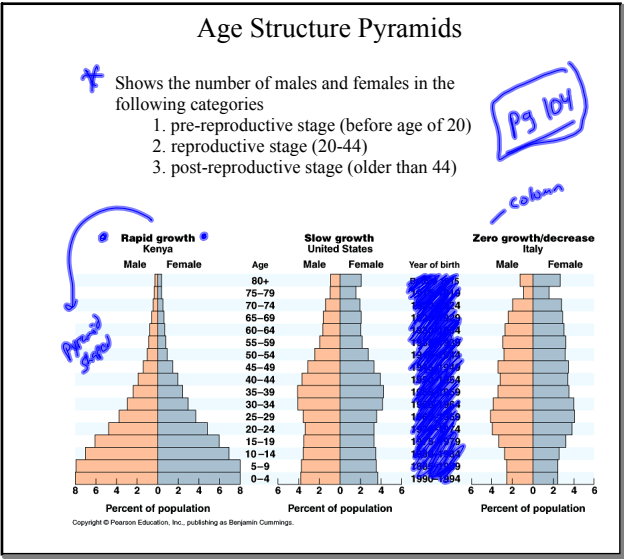
| | |
|------------|---------|
| - Haiti | - China |
| - Ethiopia | - USA |

Zero Population Growth (ZPG)

When birth rates are equal to death rates

2020 - 6.64 billion people

2029 - 6.90 billion people



What is keeping us below our carrying capacity?