

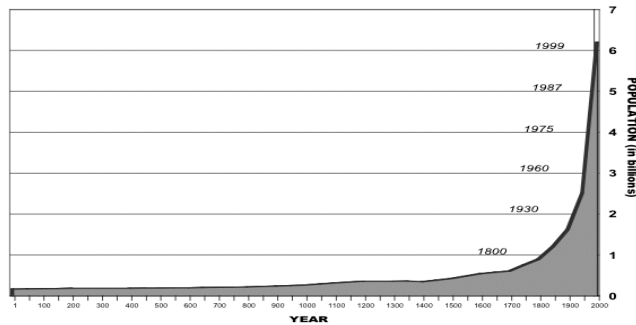
# POULATION EXPLOSION

In 1800, the total human population was 1 billion and after 130 years it was 2 billion and 1975 it was 4 billion. In 2000 the world population was 6 billion and the current human population of the World, is 6,898,381,499 in 2045 it will be 11 billion a According to the International Program Center U.S. Census Bureau,

## Characteristics of Population

1. Exponential Growth-

**Human Population Growth Since 1 A.D.**



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2. Doubling Time- Population of any community or country becomes doubles that time is known as doubling time.
3. Infant Fertility Rate – The rate of birth by a lady in her life is known as Infant Fertility Rate.
4. Age Structure
  - a) Pyramid Shape
  - b) Bell Shape
  - c) Urn Shaped
5. Zero Population Growth- Birth rate and death rate is equal.
6. Male Female Ratio- Ratio of male and female is known as male female ratio. Ratio of female

# Cases of rapidly Growing Population

## Lower Death Rate

1. Control of Epidemics and Famine
2. Decline Dangerous Diseases
3. Medical Facilities
4. Hygiene
5. Spreads of Education

## High Birth Rate

1. Economy
2. Social and Religious Factors
3. Lack of Education
4. Joint Family System

## Control of Population Growth

1. Education specially women education
2. Economic measures like removal of poverty, employment
3. Spreads of family planning methods