

Ch: WORLD POPULATION (Notes)

Components of population change-

1. Birth rate

CRUDE BIRTH RATE: number of live births in a year per thousand of women

$$\text{CBR} = \frac{B_i}{P} \times 1000$$

CBR= CRUDE BIRTH RATE

Bi:live births P = mid-year population

CDR=NUMBER OF DEATHS IN A PARTICULAR YEAR PER THOUSAND POPULATION.

2. Death rate-

Crude death rate- No. of death in particular year per 1000 of population.

$$\text{CDR} = \frac{D}{P} \times 1000$$

CDR= CRUDE DEATH RATE

D= NO. OF DEATHS

P= ESTIMATED MID YEAR POPULATION

- . Mortality rate are affected by demographic structure, social advancement and economic development.

3. Migration

- People move from one place to another
- Place of origin- place they move from
- Place of destination- place they move in
- Migration can be permanent, temporary and seasonal
- Types of migration- Rural- Rural, Rural- Urban, Urban-Rural, Urban-Urban.
- Immigration : Migrants who move into a new place
Emigration: Migrants who move out of a place
- Factors that influence migration-

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Push factors- unemployment, poor living conditions, political turmoil, unpleasant climate, natural disasters, epidemics and socio-economic backwardness

Pull factors- better job opportunities and living conditions, peace and stability, security of life and property and pleasant climate.

Trends in population growth

- **Earth's population is more than 6 billion**
- **After the evolution and introduction of agriculture about 8,000 to 12,000 years ago, the size of population was 8 million**
- **In the first century A.D. it was below 300 million**
- **In the 16th and 17th century the population growth rate increased due to expanding world trade.**
- **Around 1750, at the dawn of the Industrial Revolution, the world population was 550 million.**
- **In the 18th century, after the industrial revolution, world population exploded**

Doubling time of world population

- **It took more than a million years for the human population to attain the one billion mark**
- **But it took only 12 years for it to rise from 5 billion to 6 billion**
- **developed countries are taking more time to double their population as compared to developing countries**
- **Population growth rate is taking place in developing countries**
- **Example Yemen, Liberia, Somalia, Saudi Arabia, Oman**

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