DEMOGRAPHIC PROFILE OF INDIA

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Demography

- Demography addresses human populations as population per se, that is, their sizes and structures.
- It is the scientific study of human population.

Demographic processes:

- 1. fertility 4. migration &
- mortalitysocial mobility
- 3. marriage

Definition

The definition of demography was given by <u>HAUSER and DUNCAN</u>, 'The study of the size, territorial distribution and composition of population, changes therin, and the composition of such changes, which may be identified as natality,

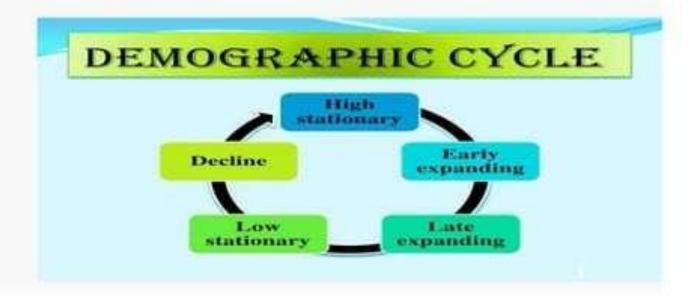
Mortality, territorial movements and social mobility'.

books of COLLINS DICTIONARY In the SOCIOLOGY, David and Julia Gary defined demography as the 'statistical study of human population with regard to their size and structure, their composition by sex, age, marital status and ethnic origin and the changes to these population like changes in their birth rates, death rates and immigation.

DEMOGRAPHIC CYCLE

❖ A nation's population passes through

5 phases during it's development.



Demographic cycle

- First stage (high stationary): high birth rate & high death rate
- Second stage (early expanding): death rate starts declining but birth rate remain unchanged.
- Third stage (late expanding): Death rate declines still further & birth rate tends to fall.
- Fourth stage (low stationary): low birth rate & low death rate
- 5th stage (declining): death rate exceeds birth rate

Collection of demographic data

- Population census
- Records of vital statistics
- Records of health department, health institution
- Reports of special surveys
- 5) Periodic publication by WHO, Registrar general India, DGHS new Delhi, State health directorate
- 6) Miscellaneous-hospitals, nursing home

Demographic trends in World

 At the beginning of Christian era nearly 2000 years ago, world population was 250 million

2019-7.7 billion

- And it is expected to reach 8 billion by 2025 & 10 billon by 2050.
- 10 most populous countries: China, India, USA, Indonesia, Brazil, Pakistan, Russia, Bangladesh, Japan and Nigeria.

- Global birth rate & death rate declines since 1975.
- Now world population is growing@ 176 people/1 minute & 2.5 lakhs per day.
- · Highest birth rate: Pakistan, Nepal, Bangladesh
- Highest death rate: Pakistan ,Nepal, India
- A population growing at 0.5% per year will double in 140 yrs but population growing at 3% per year will double in about 20-25 years.

Demographic trends in India

- 2nd most populous country in world.
- 7th in land area i.e 2.4% Of World land area but 16.87% of world population.
- India's population crossed 1 billion by 11 may 2000 & projected to reach 1.53 billion by 2050

	Total population	Annu Growth	Decadal GR
1991	838.6 million	2.14%	23.8%
2001	1028.6 million	1.9%	21.34%
2011	1210.6 million	1.19%	17.70%

Male - 6237.2 million and Females - 5864.7 million

Population of selected age groups

India: 1991 to 2011

(in million)

Age group (years lbd)	Census 1991*	Census 2001®	Census 2011
All ages	838.6	1028.6	1210.6
0-4	102.4	110.4	112.8
5-9	111.3	128.3	126.9
10-14	98.7	124.8	132.7
15-59	464.8	585.6	729.9
60-99	56.5	76.5	103.2
100+	0.2	0.1	0.6
Age not stated	4.7	2.7	4.5

^{*} Excluding Jammu & Kashmir

[@] Excluding Mao Maram, Pao Mata and Purul Sub Divisions of Senapati district of Manipur

Percentage of Population in selected age groups

India: 1991 to 2011

Age group (years lbd)	Census 1991	Census 2001 ^a	Census 2011®
0-4	12.2	10.7	9.3
5-9	13.3	12.5	10.5
10-14	11.8	12.1	11.0
15-59	55.4	56.9	60.3
60+	6.8	7.4	8.6
Age not stated	0.6	0.3	0.4

^{*} Excluding Jammu & Kashmir

Demographic dividend: Percentage of persons in age-group 15-59 years have increased by 3.4% in 2011 compared to 2001

Excluding Mao Maram, Pao Mata and Purul Sub Divisions of Senapati district of Manipur

Sex ratio

- Number of females per 1000 males
- India: 2001 census 933, 2011 -940
- Highest kerala (1084), lowest- Daman and Diu (618)
- Odisha 979

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Child sex ratio (0-6 years)

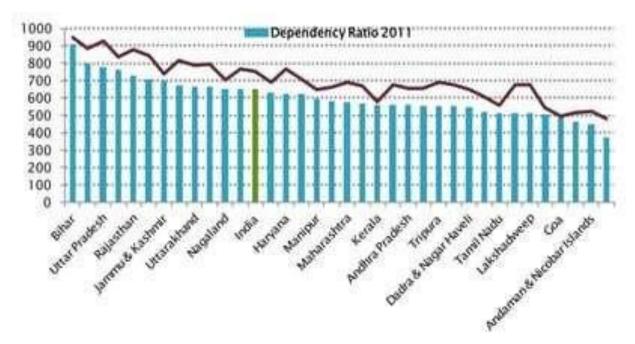
India 2001 -927 girls / 1000 boys 2011 -914 girls / 1000 boys

Dependency Ratio

(No. of persons in age group 0-14 years + No. of persons in age group 60 years or more)/ No. of persons in age group 15-59 years

- Dependency Ratio gives the proportion of persons whom the persons in economically active age group need to support
- Reduction in Dependency Ratio indicates a phase of population transition where a higher percentage of persons in the working age group may translate into higher per capita income for the economy
- This is also called the phase where a country may benefit from 'Demographic Dividend'

Dependency Ratio



- · Dependency Ratio has reduced in all the States and Uts
- At the all-India level, it has reduced by 100 points compared to 2001

Dependency Ratio

India: 1991 to 2011

D	ependency R	atio, India
1991	2001	2011
794	752	652

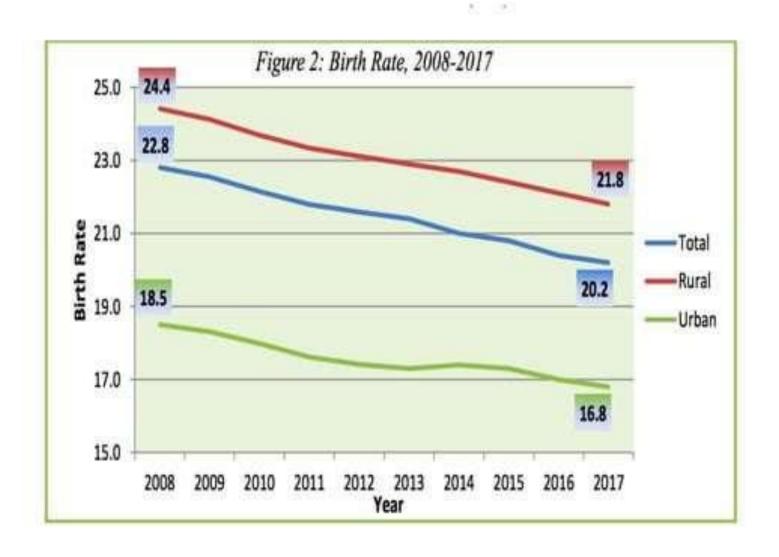
Density of Population

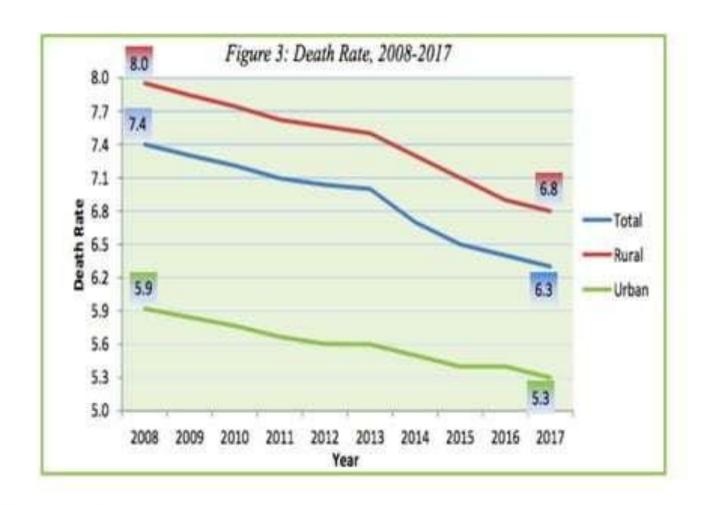
Defined as number of person living per square kilometer.

India-1991 census – 267, 2001 census-324
 2011 census – 382

Odisha – 2011 – 269/ km square

- Crude Birth rate: Number of live birth per 1000 estimated mid-year population in a given year.
- Crude Death rate: It is defined as the number of deaths per 1000 population per year in a given community, usually the mid-year population
- Now in India, birth rate 21.8
 death rate 6.3





Family size

- Total number of children a women has borne at a point of time. (in Demography)
- Completed Family size: total number of children borne by a women during her reproductive period(15-45 yrs).
- Total fertility rate gives the magnitude of completed family size.

Family size depends upon factors:

- Duration of marriage
- Education of couple
- No. of live birth & living children
- Preference of male children
- Desired family size

Urbanization

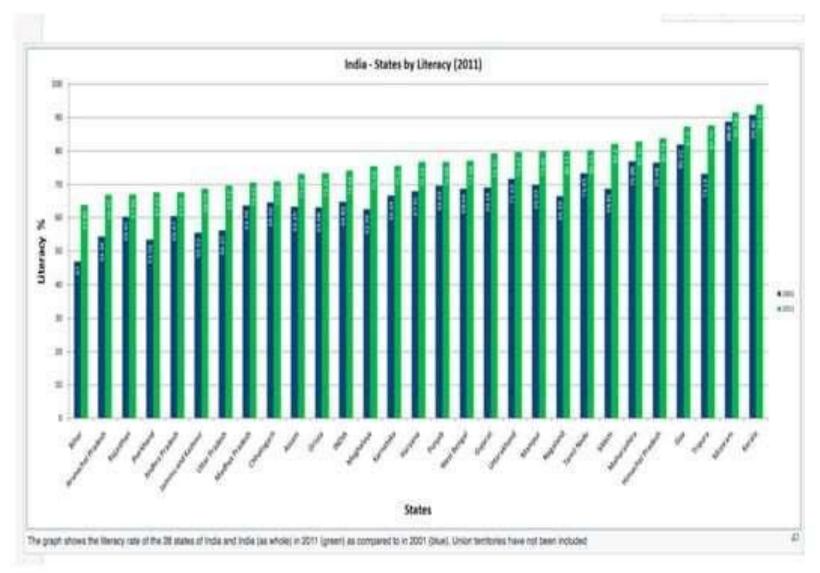
- Growing urbanization is a recent phenomena in many developing countries.
- Increase in towns & urban areas
- · Increase in urban population. It is due to-
 - 1.natural growth &
 - migration of rural people for employment opportunity, better living condition, education, health, transport and entertainment.

Literacy

 A person aged 7 yrs or more, who can both read & write with understanding in any language is treated as literate.

Literacy rate

Lowest – Bihar (49%



India's literacy rate is at 74.04%. Kerala has achieved a literacy rate of 93.91%. Bihar is the least literate state in India, with a literacy of 63.82%. Orissa -73.45%

Life expectancy

 It is the average no. of years which a person of that age may expect to live according to the mortality pattern prevalent in that country.

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    In 2001 – 63, 2011 – 68.89 years
    Male - 67.46 yrs
    Female – 72.61 yrs
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Fertility

Actual bearing of children Fertility rate of India- 2.2 children born/ woman

Causes of high fertility In India:

- >universality of marriage
- ➤ Lower age at marriage
- ➤ Lower level of literacy
- ➤ Poor level of literacy
- ➤ Limited use of contraceptives

THANKU