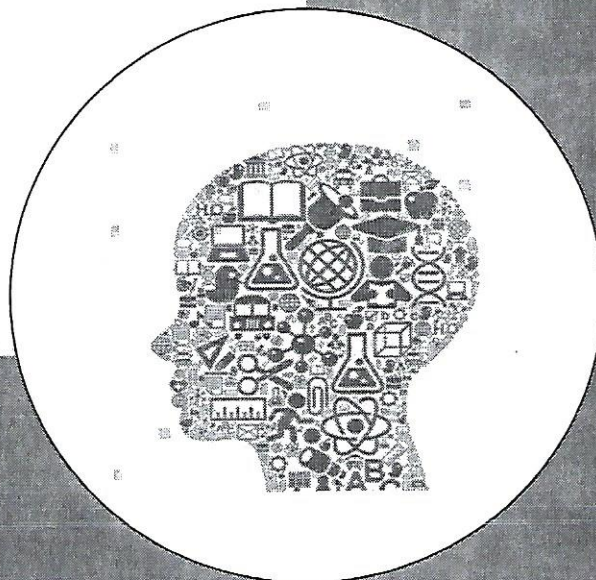


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Growth of Population Change in Sangli District (Maharashtra)

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Abstract:

In the paper the present study reveals the Tahsilwise growth of population in Sangli District during 1981-2011. The growth of population in Sangli District from 1831212 in 1981 to 2832143 in 2011. It has studied on the basis of Socio-economic Statistical Abstract and related web sites, Census Handbook related web sites, Census of India. It occupies area of 8572 sq. km. The secondary data have been collected and computed by recent research techniques and the results have been brought through table and maps. The highest population growth is found in Atpadi Tahsil. The moderate population growth is recorded in the moderate population growth is recorded in Jat, Miraj and K. Mahankal, Walva tahsil i.e. 70 to 55 %. While it is low in Khanapur, Tasgaon and Shirala tahsil i.e. below 45 percent due to lower infrastructural development. The results have been discussed with the help of population growth rate refers to the change in population growth rate over a unit time period. Often expressed as a percentage of the number of individuals in the population, at the beginning of that period.

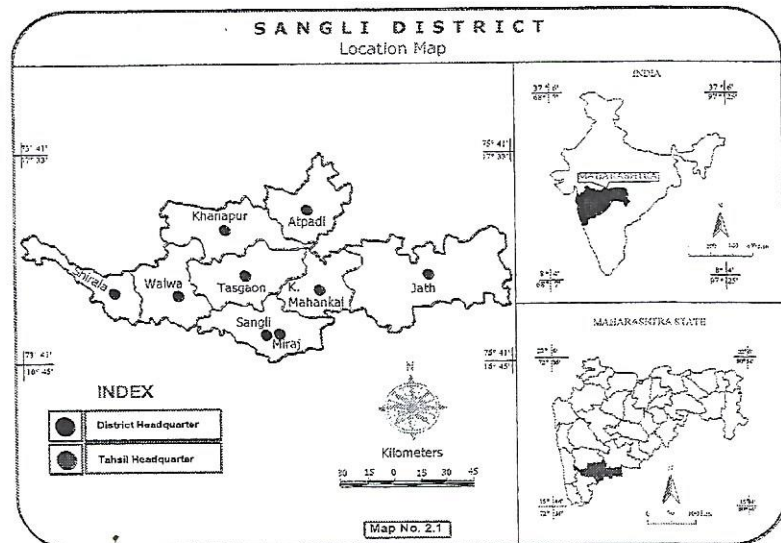
Key Words: - Population, Population growth, Population change, Percentage.

Introduction:-

India is most populous countries in the world. Our country covers only 2.46 % of the land area world, where as it is the home of more than 16.87% of the world's population. Population of Maharashtra is constantly changing. To determine changes in population, the Government of Maharashtra State of the Census gathers data on counts of people, that distribution and their characteristics. Population size and its distribution of geographical units are among the most important elements in the study of population. These elements are closely associated with the potential for population growth and decline. The economic situation, the age profile and other population characteristics, Information on population size and distribution is vital if programs relating to agriculture, health, education, transportation, housing, urban renewal, law enforcement and waste disposal are to be administered equitable. The growth of population in the Sangli District continues, to increase of growth rate during the last three decade. The population of Sangli District as per 2011 Census stood at 2832143. The district as a whole has 54.65 % growth of population during the period of investigation that of state is 79.24%. But spatial distribution varies from tahsil to tahsil. The existing district inequalities of population are because disparities of natural resources, industries geographical factors and economic activities.

Study Region:-

The Sangli district is one of the district of Maharashtra states. It is located in the western part of Maharashtra. Sangli district. It is situated between 16° 45' north to 17° 33' north latitudes and 73° 42' east to 75° 40' east longitude. It is bounded by Satara and Solapur district in the north, Bijapur district in the east, Kolhapur and Belgaum district in the south and the Ratnagiri district to the west.



The east-west length of Sangli district is about 205 km and south- north width of the district is about 96 km. The area of the district is 8572.00 square kilometers and it is 21st highest geographical area in Maharashtra state. It is at a height of 553 meter from normal Sea level. According to 2011 census there are 724 villages in Sangli District .There are 705 Grampanchayat and 10 Panchayat Samiti in the District.

Objectives:-

The main objectives of this research paper are to analyze the tahsilwise changes in growth rate of population in Sangli District during 1981.2011.

Data Base & Methodology:-

Present paper is based on the tahsilwise census data of 1981-2011 censuses of district reports. The data have been analyzed for total growth of population change in percentage. Calculate the most common way to express population growth is as a ratio. The change in population over a unit time period is expressed as a percentage of the population at the beginning of the time period. The positive growth rate indicates that population is increasing. The secondary data have been collected and computed by recent research techniques and the results have been brought through tables and maps. Population growth rate has been calculated during a period of time.PGR ordinarily refers to the change in population over a unit time period, Often expressed as a percentage of the number of individuals in the population at the beginning of that period.

The changes in population growth rate are measured with the following formula.

$$r = \frac{P_n - P_o}{P_o} \times 100$$

Where, r = Growth rate of population

P_n = Current year population

P_o = Denotes base year population

Population Growth Rate during 1981-2011

The population of Sangli District is constantly changing. These population changes represent population adjustment and outmigration sources, agricultural development, development of education facilities, immigration, outmigration sources and agricultural development.

Table No. 1 Tahsilwise Population Growth Rate during 1981-2011.

Name of the Tahsil	Population				Growth rate in % (1981-2011)
	1981	1991	2001	2011	
Shirala	130649	147713	158298	162911	24.69
Walwa	301302	29330	427377	456002	51.34
Khanapur	217958	221997	258231	313233	43.71
Atpadi	84016	111517	125263	148455	76.70
Tasgaon	300597	310318	429761	416310	38.49
Miraj	506320	634639	756048	854581	68.78
K.Mahankal	97274	117901	144596	152327	56.59
Jat	193096	240647	283950	328324	70.03
Sangli District	1831212	2078174	2583524	2832143	54.65
Maharashtra	62693898	78937187	96878627	112372972	79.24

Source: - Compiled by the researcher from:

1. Census of India, District Census Hand book of Sangli, district 1981, 1991, 2001.
2. Census of India 2011 Final Population Totals, Maharashtra, Series 28.

Table No.1 indicates that the region as a whole has 54.65 % growth of population during the period of investigation that of state is 93.24 %. But spatial distribution varies from tahsil to tahsil.

Table No.1 The highest population growth is found in Atpadi tahsil The highest population growth is found in Atpadi tahsil i.e.76.70%. The moderate population growth is recorded in Jat, Miraj and K.Mahankal , Walva tahsil i.e.70 to 55 %. While it is low in Khanapur,Tasgaon and Shirala tahsil i.e.below 45 percent.

Conclusion:- The District as a whole has 54.65% growth of population during the period of investigation that of state is 79.24%. But spatial distribution varies from tahsil to tahsil. The highest population growth

is found in Atpadi tahsil i.e.76.70%. The moderate population growth is recorded in Jat, Miraj and K.Mahankal , Walva tahsil i.e.70 to 55 %. While it is low in Khanapur,Tasgaon and Shirala tahsil i.e. below 45 percent.

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