ORIGINAL ARTICLE

GRT

" A STUDY OF POPULATION GROWTH AND DISTRIBUTION IN JALNA DISTRICT" (MS)

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Abstract:

This Paper on decadal Population Distraction and growth in Jalna District of Maharashtra the course of Population Change for the period 1991-2011 has been traced In this attend more detailed information on Population Change and its measure meant is presented the discussion is based on the change of Population in size as obtained from the census data and it is assumed that the figures at two points of time are comparable.

INTRODUCTION:

In the sense that the area covered and the method of enumeration are remaining same for the both census population Change in any place is measured by computing the difference between the population size at two dates the Phrase "Population Change" is very often used as synonymous to "Population growth" mainly because most of the countries is modern times have expensed growth in their population size population change however means an increase or decrease in the size of population It is custom any to denote population decrease or increase in minus or plus sign.

OBJECTIVES :

The Objectives of this pear is to study the decadal (1991-2011) Population growth and distribution in Jalna district of Maharashtra.

DATABASE AND METHODOLOGY :-

Present study has been carried out with the help of secondary data obtained from the census hand book of Jalna district and website and based on reference books measurement of finding out the differences in the Population size as obtained from the two census operation in Jalna district. The absolute no of census operation in Jalna district. The absolute no of population change is obtained by subtracting the population of an eraser date from that of the later date

The relative Change is Calculated by dividing the absolute change by the population at an earlier censes date. It is Customary to denote the relative change in the percentage change in that case the change is multiplied by 100. The formula for obtning the percentage change in the population size is as-

$P_2 - P_1 / P_1$ x 100

Where P_1 and P_2 denote the Population Figures as earlier and later points 8 time thus the percentage

change in the population of Jalna district during. Three census operation. An obtained rate of change is by dividing the relative change or relative percentage change by number of years between two census dates this increase in population follows the principal of the compound rate of in teres where the amount of in crement is dated to the principal and the amount of growth in crease from year to year and does not remain constant as it does in the computation of simple interest following the principal of compound or geometrical increase is computed as

$$P_2 / P_1 = (1 + r) h$$

Where P1 and P2 denote Population Figures at earlier and later points of time and r is the rate of increase to be computed. The computation to find value of r equation may be written as :

$$Log \, P_2 / P_1 = n \log (1 + r)$$
$$Log \, (1+r) = 1/n \, Log \, P_2 / P_1$$

Percentage of urban population PU = u/p x 100U = Urban Population P=total Population

STUDY AREA :

The district is located in the central part of Maharashtra state in marathwada region it is located between 190 15' to 200 32' north latitudes and 750 36' to 760 45' East Longitudes. The north south extension of Jalana district is 150 Kms and East west strength of the district is 110 kms. It is bounded on north by Jalgaon district on the east by bulldhana and Parbhani district on the south by beed district and on the west by A'bad district. Geographical area of the dist is 7612.40 sq km out of the total geographical areas 7577.90 sq. km 99.53% in rural 34.5 sq km (0.45%) in unban According to 2001 census there were 970 villages in Jalna district in 2001 the total population was 16.12 lacks. The district rank 21 relf and 5th in the state and marathwada respectively in terms of areas as per 2001 census similarly the district rank 26th in the state in terms of Population

DISTRIBUTION OF POPULATION IN RURAL AND URBAN AREA

According to 2001 census the total Population of Jalna district is 1612980 Laving 1305115 Rural Population and 307865 Urban Population and 826903 male Population and 786077 Female Population Thus Jalna has 1.66% of state population over 2.5 of its area among the five tahsils of the district Jalna tashsil (563491) is the most population and jafarabad tahisil (137345) the least other tahsil in order of their size of Population are Ambad (380224) Partur (275729) and Bhokardan (256191) The percentage of rural Population is 80.91% (1305115) and urban Population is 19.09% (307865) Jalna district is one of less urbanized district in the state Jalna district has 959 villages out of the total village 13 are uninhabited

Tahsil wise Population & Villages Town in Jalna 2001

Tahsil	Total Population			Rural Population		
	Total	Male	Female	Total	Male	Female
Jalna	563491	290126	273365	327696	168204	159492
Ambad	380224	194802	185422	354116	181075	173041
Partur	275729	140578	135151	246717	125653	121064
Bhokardan	256191	131332	124859	239241	122444	116797
Jafrabad	137345	70065	67280	137345	70065	67780
Total Dist.	**1612980**	**826903**	**786077**	**1305115**	**667441**	**637674**

Tahsil Wise Population and Villages Town in Jalna 2001

Tahsil	Urban Population			No.of Villages	No. of Towns
	Total	Male	Female	Total	Male
Jalna	235795	121922	113873	241	1
Ambad	26108	13727	12381	254	1
Partur	29012	14925	14087	210	1
Bhokardan	16950	8888	8062	152	1
Jafrabad	00	00	00	102	00
Total Dist.	**307865**	**159462**	**148403**	**959**	**04**

POPULATION GROWTH:

Growth of Population, density, Man-Land ratio, sex ratio, Working classification of Population and literacy are the elements of Population, which are important in social cultural and economy developments of the region. The growth of population in any region is an index of its economic developments social awaking and many other character the friends of population growth are basic to the change in the overall geographic personality of any area

Growth rate of Population since 1951 to 2001:

Sr.No.	Decode	General	Rural	Urban
1	1951-61	26.71	28.39	15.91
2	1961-71	24.13	22.61	35.02
3	1971-81	15.84	12.20	31.72
4	1981-91	32.45	30.22	45.57
5	1991-2001	18.17	15.10	33.28

That the trends of general rural and urban population growth rate very from the are another during the sqam fifty years the trend of general population is from 26.71 % to 15.84% from 1951 to 1981 Again it was increased up to 32.45% and then decreased up to 18.17% in 2001 Rural Population was decreased 17.98% in 1991 and decreased by 2.88% in 2001 urban population growth rate increased from 15.91% to 35.02% from 1951 to 1971 Again growth rate of population decreased up to 31.72% during the decade of 1971-81 In decade of 1981-91 the growth rate of urban population reach up to 45.57 then it was declined up to 33.28% in the last decade 91-2000

Eancusion :-

Thus the present paper has been brought out the decadal Population distribution growth for the entire Jalna district the quantitative analysis through statistical inter pretention has help to understand the decadal population distribution growth. The tabular data has shows the decadal percentage variation of in population The result obtained can serve as useful input for better management and planning strategies for Jalna district in the future as well

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