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## A SPATIO-TEMPORAL ANALYSIS ON PATTERN OF RURAL POPULATION GROWTH IN MYSORE DISTRICT

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### Abstract

Population growth is varies from one region to another. Population size will vary from rural to urban area. Both regions are having difference in the form of their population size, distribution, density and composition. In this present research article has made an attempt to examine the pattern of rural population growth in Mysore district from 1961 to 2011. For this research six decades population data has been taken for analyze the pattern of rural population growth in Mysore district and also comparison the trends between the taluks. Rural area's population is less than the urban area. In these six decades trend of rural population was gradually decreasing in the district, but it varies from one taluk to another. Rural people are more migrated to urban areas for different purpose such as Education, Job, Health treatments and other reasons. Some less development areas people are migrated towards urban area for hope getting to better standard of living. Pull and push factors are more influenced in the population growth.

**Keywords:** Population Growth; Population size; Pull and push factors

### Introduction

Pattern of rural population growth is one of the main themes, which have received attention in the field of population studies. It has gained more importance in many disciplines like Sociology, Geography, Economics, etc. Because population problem is not confined to a single discipline but has essentially many dimensions and it plays an important role in the development of any region. The study of rural population growth is very helpful

for planning of the rural economy.

### Rural Areas in Mysore District

In Mysore district, more number of villages were found in H.D.Kote taluk and more number of un-inhabited villages also found in this taluk. Less number of villages are found in the T.Narasipira taluk. Less number of un-inhabited villages is found in Periyapatna taluk. It shows in the Table 1.

**Table 1. Taluk-wise Total No. of Villages in Mysore District as per 2011 Census**

Name of the Taluk	Inhab-ited	Un-inhabited	Total No. of Villages
Periyapatna	196	5	201
Hunsur	193	21	214
K.R.Nagar	156	22	178
Mysore	131	12	143
H.D.Kote	245	36	281
Nanjangud	176	14	190
T.Narasipura	118	11	129
<b>District Total</b>	<b>1195</b>	<b>120</b>	<b>1336</b>

Source: Census of India -2011

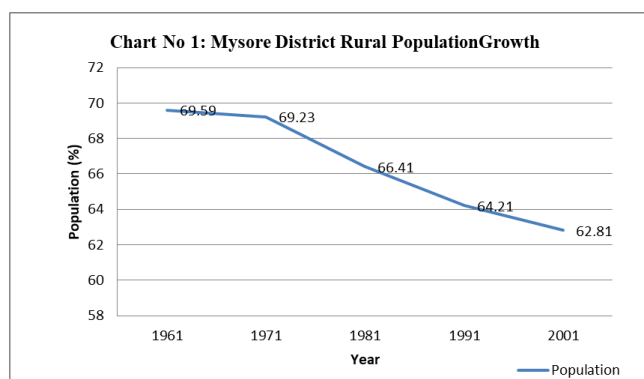
## Growth of Rural Population

The rural population growth has been gradually decreasing from 1961 to 2001. But it varies from taluk to another taluk. It is shown in Table 2.

**Table 2. Taluk wise Rural Population Growth in Mysore District from 1961 to 2001**

Taluk	1961	1971	1981	1991	2001
H.D.Kote	11.49	13.36	13.07	13.40	14.10
Hunsur	10.97	11.56	12.43	12.79	12.66
K.R.Nagar	14.08	14.19	13.53	13.06	12.57
Mysore	14.42	13.66	13.61	13.73	14.42
Nanjangud	21.70	20.35	19.35	19.22	18.81
Periyapatna	11.23	10.68	11.90	12.07	12.62
T.Narasipura	16.11	16.20	16.10	15.73	14.82
DISTRICT	69.59	69.23	66.41	64.21	62.81

Source: Census of India - 1961,1971, 1981, 2001

**Chart 1: Mysore District Rural Population Growth**

## Rural Population Growth Regions

Rural population growth region has been delineated based on the weightage of population growth rate. And the growth level has been classified into three classes. They are: Low, Medium and High.

**Table 3. Weightage for Rural Population Growth**

Population Range	Growth Level
10-13	Low growth
13-16	Medium growth
>16	High growth

Source: Compiled by the Author

During 1961 H.D.Kote, Hunsur, and Periyapatna taluk has low rural population growth and K.R.Nagara, Mysore taluk has medium population growth and remaining taluks are rural population growth taluk are Nanjangud, T.Narasipura taluks having high rural population growth.

During 1971 Hunsur and Periyapatna taluks has low rural population growth. H.D.Kote, K.R.Nagara, Mysore taluk has medium growth of rural population and Nanjangud, T.Narasipura taluks having high rural population growth.

During the 1981 Periyapatna taluk having low rural population growth and H.D.Kote, Hunsur, K.R.Nagara, Mysore taluks having medium rural population growth and remaining taluks are Nanjangud and T.Narasipura taluks having again high population growth.

In the period of 1991 Hunsur and Periyapatna taluks has low rural population growth and H.D.Kote, K.R.Nagara, Mysore, T.Narasipura taluks having medium population growth and only one taluk is Nanjangud has high growth of rural population.

In 2001 Hunsur, K.R.Nagara, Periyapatna taluks has less growth, H.D.Kote, Mysore, T.Narasipura taluks has medium growth and Nanjangud taluk has high growth of rural population. The variation in the growth of population from the last decade can be observed in Figure 1.

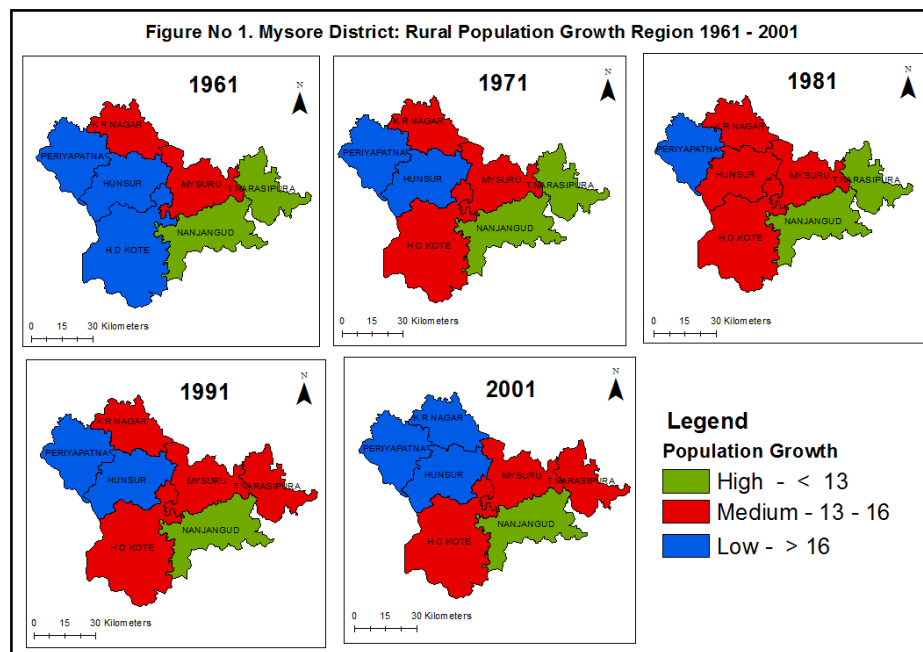
## Conclusion

Population growth is the most important component in the demographic structure in the society. Because understanding of population growth in an area holds the key to the understanding of the entire demographic structure of the area. This understanding of population growth both rural and urban population growth is helpful for the preparing of the plan for the development purpose. From 1961 to 2011 rural population is drastically decreasing This situation will continue in future the rural areas population growth rate is completely decreases in rural areas and this rural areas will become poor or less develop and urban areas are become more develop. So two kinds results are given positive impact and negative impact.

**Table 4. Urban Population Growth Indices and Population Growth Region From 1961 to 2011**

Population Growth Range	Level	Name of the Taluk				
		1961	1971	1981	1991	2001
Below 13	High	Nanjangud and T.Narasipura	Nanjangud and T.Narasipura	Nanjangud and T.Narasipura	Nanjangud	Nanjangud
13 - 16	Medium	K.R.Nagar and Mysore	H.D.Kote, K.R.Nagar and Mysore	H.D.Kote, Hunsur, K.R.Nagara, and Mysore	H.D.Kote, K.R.Nagara, Mysore, T.Narasipura	H.D.Kote, Mysore, T.Narasipura
Above 16	Low	H.D.Kote, Hunsur, and Periyapatna	Hunsur, Periyapatna	Periyapatna	Hunsur and Periyapatna	Hunsur, K.R.Nagara, Periyapatna

Source: Compiled by the Author

**Fig. 1.** Mysore District rural population growth region 1961-2011

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