



THE SPATIAL DISTRIBUTION OF MARKET CENTRE IN JALNA DISTRICT

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Abstract-

In the study region market centre have distinct characteristics and they scattered in district in various manner. These market centres influenced by physical as well as socio economical factors and these factors determines distributional pattern of market centre. Present research paper deals with Tahsil wise distributional scenario of market centre

KEY WORDS: *Spatial Distribution , market Centre , socio-economical factors.*

Introduction:

Market centre furnish goods and services, act as a central point for transportation and serve as growth centre by furnishing various services to the region. Because of these centre, there is an increase in social interactions and other activities. Therefore, the predominance economic importance is to be given to the market centre in any region. Basically the process of marketing is the process of economic development. This development is of the complex and of dynamic nature.

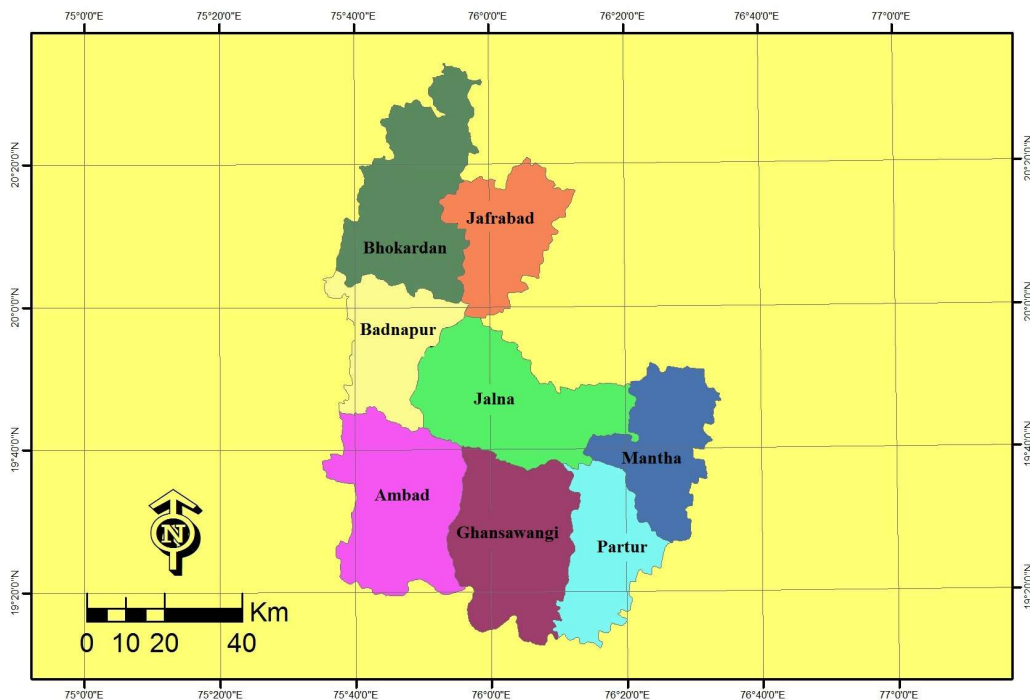
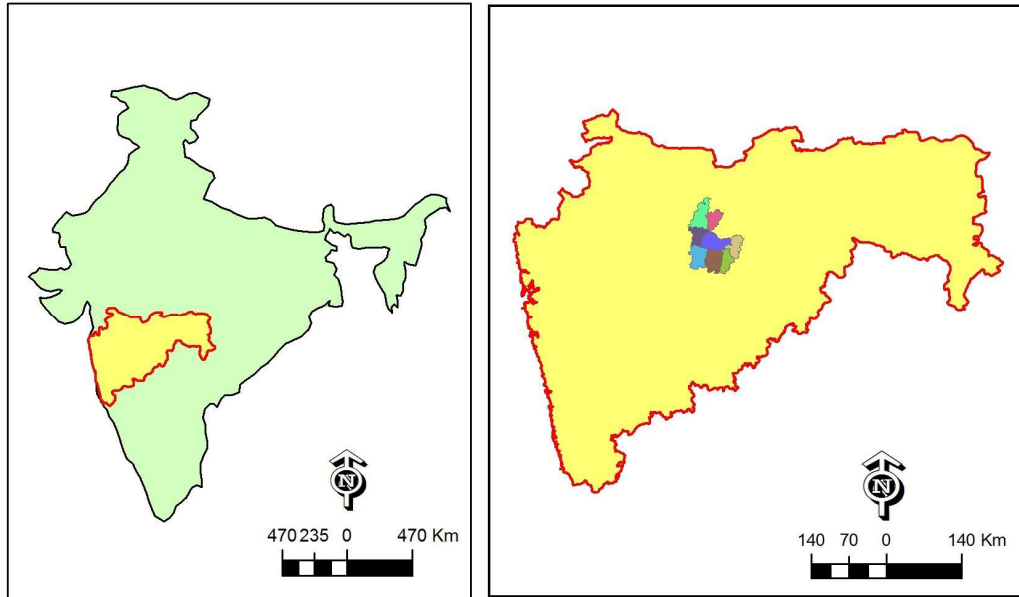
Location :

Jalna district is situated in the central part of the Maharashtra state of republic of India and northern direction of Marathwada region. Especially district lies between 19⁰01' North to 21⁰03' North latitudes and 75⁰04' East to 76⁰04' East longitude.

Jalna district erstwhile a part of Aurangabad district was formed on 1st May, 1981 by carving out Jalna district, Bhokardan, Jafrabad and Ambad tahsil of Aurangabad district and Partur tahsil of Parbhani district. The boundaries of Jalna are adjacent to Parbhani and Buldhana on east, Aurangabad on west, Jalgaon on north and Beed on south. Jalna district covers an area of 7,727 sq. km which is 2.51 percent of the total state area. It has population of 19.58 lakh as per 2011 census. Recently Jalna district is divided into eight tahsil for administrative purpose these are Jalna, Ambad, Bhokardan, Jafrabad, Badnapur, Partur, Mantha and Ghansawangi.



Jalna District Location Map



Map No- 1.1

According to 2001 census 971 villages situated in Jalna districts. There are 806 gram-panchayat and 157 group grampanchayat. Krushi Utppann Bazar Sameetee located at Jalna, Ambad, Bhokardan, Partur and Mantha tahsil. Eight panchayat samities in Jalna districts.

Objective of the Study :-

The present research paper aims to deal and analyze various aspects of market centre in Jalna district. To analyze the spatial distribution of market centre and their relationship with physical and social factor, Area, inhabited villages, and population these factors consider for present research paper.

Methodology :

The present work is based on primary and secondary data pertaining to the market centres and population. All the relevant published and unpublished records have been considered. Primary data is collected through intensive fieldwork. Secondary data has been collected from the District Census Handbook, Jalna District Gazetteer, District year book, District Statistical Abstracts and Socio-Economic Abstracts and Records of Villages, Tahsil, and Panchayat offices. Following formula has been used for present research paper.

I. Jackson's Method

$$\text{Trade Area} = \frac{\text{Total Area}}{\text{Number of market Centres}}$$

i) $\text{Tahsil Area} = \frac{\text{Area in km}^2}{\text{Number of market Centres}}$

ii) $\text{Tahsil Area for Villages} = \frac{\text{No. of Inhabited Villages}}{\text{Number of market Centres}}$

iii) $\text{Tahsil Area of Population} = \frac{\text{Population}}{\text{Number of market Centres}}$

Table No. 3.1
Distributional Relationships of Market Centre

Tahsil	No. of M.C.	General Statistics			Statistical value of Number of Market Centre		
		Area in km ²	inhabited villages	Population (2011)	Per 100 km ²	Per 100 in. villages	Per 10000 population
Jalna	10	1221	151	518873	0.81	6.62	0.0019
Badnapur	08	790	91	154025	0.89	8.69	0.0051
Bhokardan	13	1205	158	311112	1.07	8.69	0.0041
Jafrabad	09	737	102	163174	1.22	8.82	0.0055
Ambad	10	1107	138	255800	0.90	7.25	0.0039
Ghansawangi	11	1122	117	210847	0.98	9.40	0.0052
Partur	05	767	98	177630	0.50	5.5	0.0028
Mantha	07	778	117	176022	0.94	6.84	0.0039
Region	73	7727	972	1958483	0.97	6.36	0.41
Source : Compiled by the Researcher				X	0.94	7.67	0.49
				S.D.	0.28	1.27	0.19

General Distribution:

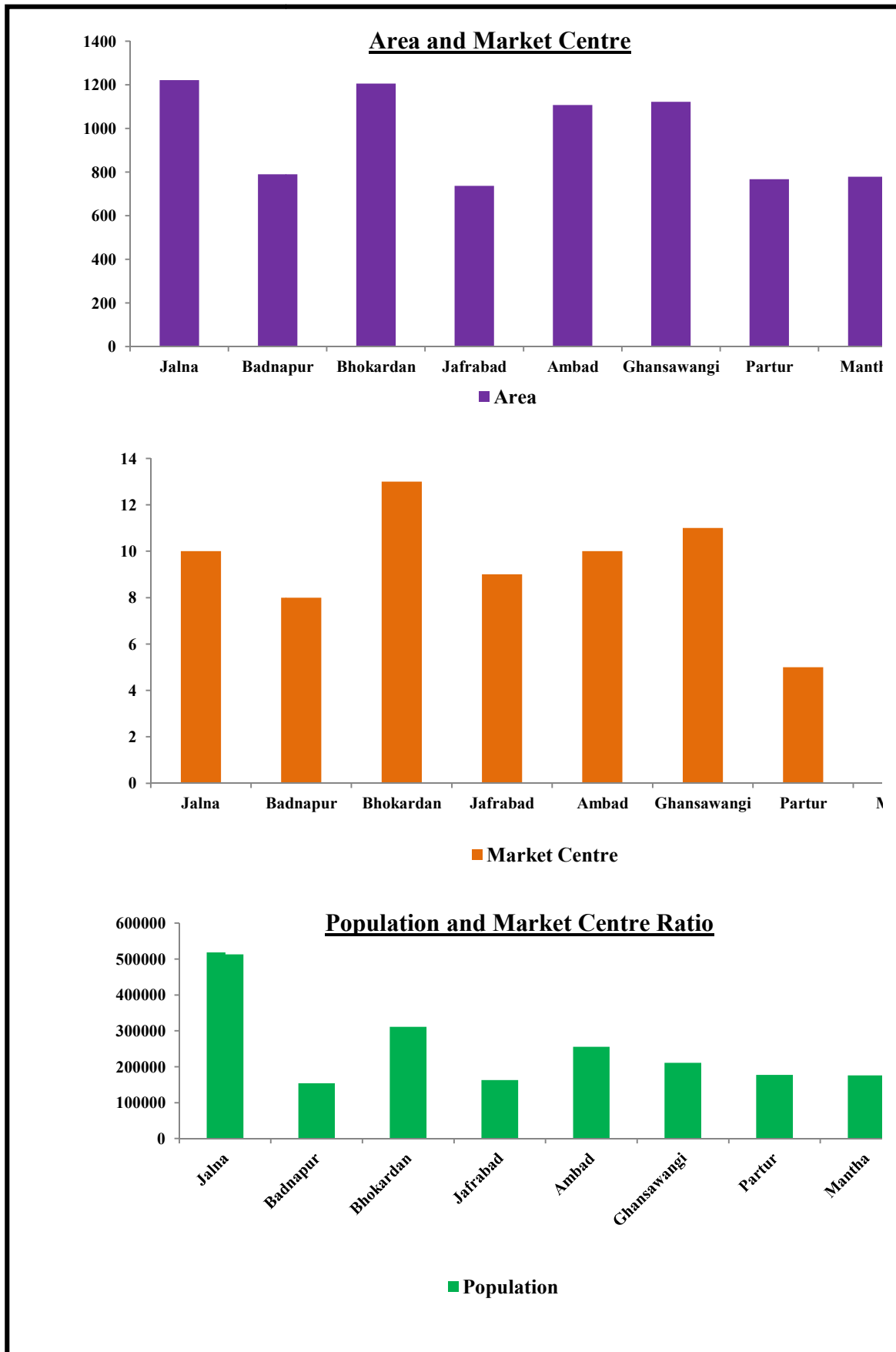
General distribution of market centre in Jalna district is distributed in eight tahsil. Bhokardan tahsil has highest 13 number of market centre. Then Ghansawangi tahsil has 11 market center. While Jalna and Ambad have 10 market centres each. Jafrabad 09, Badnapur 08, Mantha 07 and Partur tahsil has lowest 05 market centre in the study region.

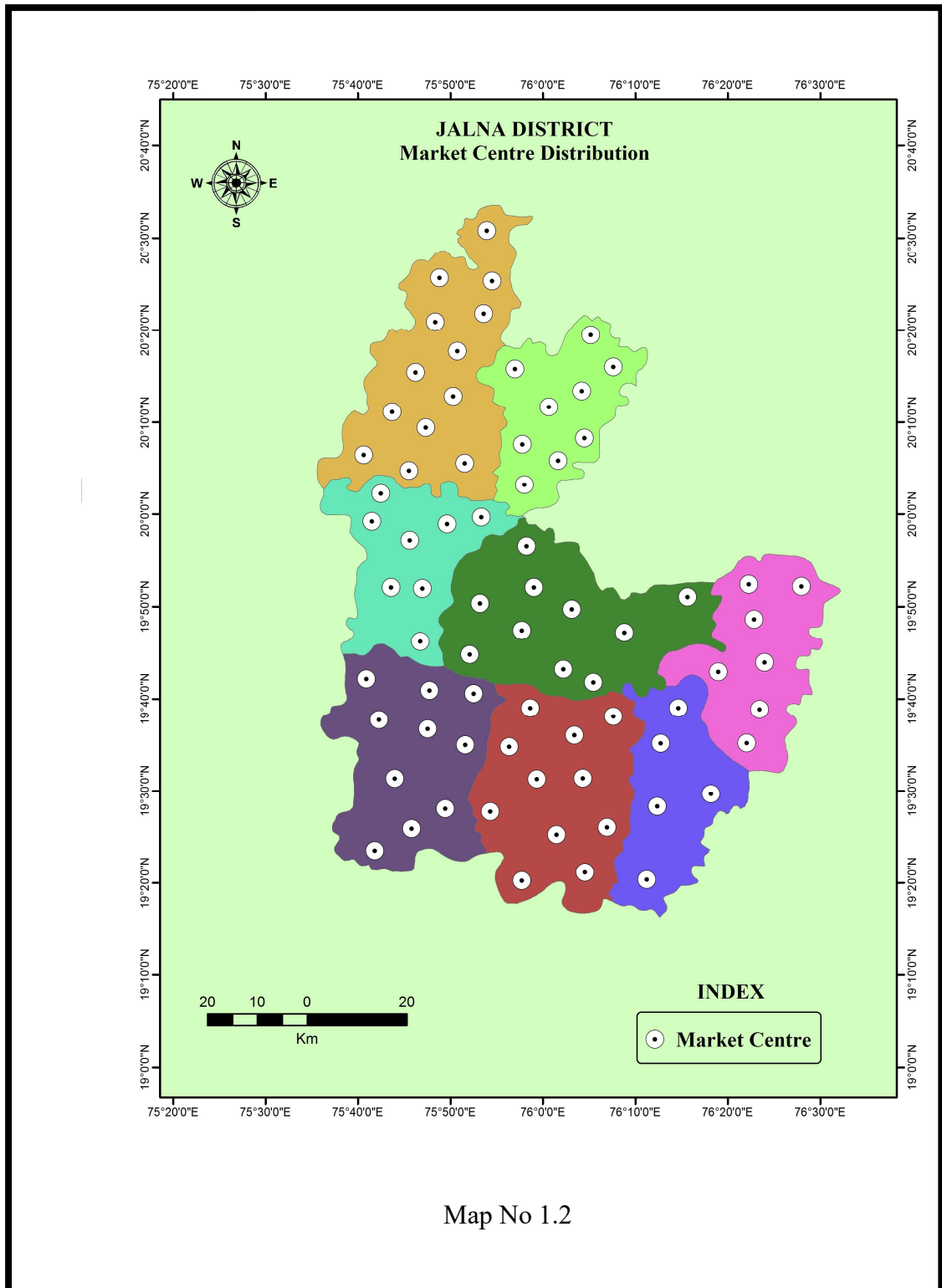
1. Area and Market Centre Ratio:

Calculating the number of market centre per 100 km² of area is 0.97 for the entire study region, and spatial variation in study region is remarkable. This is ratio for each tahsil is described in following manner. The highest ratio is 1.22 have seen in Jafrabad tahsil and lowest ratio 0.50 has seen in Partur tahsil. It is considerable different in Bhokardan 1.07, Ghansawangi 0.98, Mantha 0.94, Ambad 0.90, Badnapur 0.89, Jalna 0.81.

2. Inhabited villages and Market Centre Ratio:

The ratio of Market centre in the study region is number of market centre per 100 inhabited villages is 6.36 and lots of spatial variation have seen in the study region. The highest relationship 9.40 range in Ghansawangi tahsil and lowest range 5.50 in Partur tahsil. The relationship also shows that three tahsil fall in the classes above the mean 7.67 out of which Bhokardan, Jafrabad and Badnapur. while Jalna ,Mantha and Ambad falls in the class of below the mean 7.67.







3. Population and Market Centre Ratio:

For the entire district the number of market centre per 10,000 populations is 0.41 respectively. Lots of spatial variation has been seen at tahsil level. The highest ratio 0.0055 has been seen in the Jafrabad tahsil and lowest ratio 0.0019 has been seen in the Jalna tahsil. The Badnapur , Ghansawangi tahsil have their value above the mean (0.49). And Bhokardan,Ambad,Partur,Mantha tahsil have their value below the mean (0.49).

Conclusion :

The above all analysis shows that the spatial distribution of market centre is distinguished by uneven distribution in the entire study region. There are 73 market centre in Jalna district. As the number of market centre per 100 km² of area are 0.94 observed for entire study region. The highest ratios of area and market centre have seen in Jafrabad tahsil 1.22 and lowest ratio 0.50 seen Partur tahsil. While the number of market centre per 100 inhabited villages is 7.67 and Ghansawangi tahsil shows highest 9.40 ratio and Partur tahsil shows 5.50 lowest inhabited ratios with market centre. For the entire district the number of market centre per 10000 populations is 0.49 This spatial variation seen unevenly like highest 0.00 55 in Jafrabad and lowest 0.0019 in Jalna tahsil.

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