

C H A P T E R [IV]

GROWTH CHARACTERISTICS OF MARKETS

- 4.1 DECADAL GROWTH OF MARKET CENTRES
- 4.2 TALUKAWISE GROWTH OF MARKET CENTRES
- 4.3 GROWTH OF MARKET CENTRES BASED ON  
POPULATION
- 4.4 GROWTH RATE OF MARKET CENTRES  
ACCORDING TO THEIR POPULATION SIZE
- 4.5 TALUKAWISE CHANGES IN POPULATION OF  
MARKET CENTRES



## C H A P T E R [IV]

### GROWTH CHARACTERISTICS OF MARKET CENTRES

4.0 In the previous chapter, we have discussed about the factors which influence on the distribution of market centres. In the present chapter, an attempt has been made to study the growth of market centres and their characteristics. The growth of market centres in number into different decades, talukawise growth rate of market centre, the individual growth of market centres in relation to population and their population size have been considered. The factor population is one of the important factor which affected the overall growth character of the region. Population is a dynamic factor which reflects the social and economical change in the study region.

#### 4.1 DECADAL GROWTH OF MARKET CENTRES :

In the study region, it is observed that the decadal growth rate of market centres shows very less in number. In the decade 1961, there were 45 market centres, it increases upto 48 market centres in the decade 1971. In the decade 1981 the number of market centres increased upto 51 and in the next decade i.e. 1991, there were 53 market centres. The table No.IV-I shows the decadal growth of market centres from 1961 to 1991.

TABLE NO.IV-I  
SINDHUDURG DISTRICT

#### DECADAL GROWTH OF MARKET CENTRES (1961 to 1991)

| Sr.No. | Year | No.of market centres. |
|--------|------|-----------------------|
| 1.     | 1961 | 45                    |
| 2.     | 1971 | 48                    |
| 3.     | 1981 | 51                    |
| 4.     | 1991 | 53                    |

## 4.2

TALUKAWISE GROWTH OF MARKET CENTRES

In the above discussion, it is observed that, there is very slow growth of market centres in the study region in general, but if we observed the talukawise growth of market centres it is found that, only Kudal and Devgad talukas shows growth in market centres. Other remaining talukas have no growth of market centres. The Kudal and Devgad talukas show only growth of market centre by one. The table No. IV-II and Figure No. 4.1 shows the talukawise growth of market centres of 1981 and 1991.

TABLE NO. IV-IISINDHUDURG DISTRICTTALUKAWISE GROWTH OF MARKET CENTRES OF 1981-1991

| Sr. No. | Taluka              | < No.of Market centres > |      | Growth in Percentage |
|---------|---------------------|--------------------------|------|----------------------|
|         |                     | 1981                     | 1991 |                      |
| 1.      | Sawantwadi          | 08                       | 08   | -                    |
| 2.      | Vengurla            | 05                       | 05   | -                    |
| 3.      | Kudal               | 11                       | 12   | 9.09                 |
| 4.      | Malvan              | 11                       | 11   | -                    |
| 5.      | Kankavli            | 08                       | 08   | -                    |
| 6.      | Devgad              | 05                       | 06   | 20.00                |
| 7.      | Vaibhavwadi         | 03                       | 03   | -                    |
|         | Sindhudurg District | 51                       | 53   | 3.92                 |

In the study region, it is observed that, in general the growth of population is found throughout the region, but according to growth of population the number of market

# SINHDURG DISTRICT TALUKAWISE GROWTH OF MARKET CENTRES - 1981-1991.

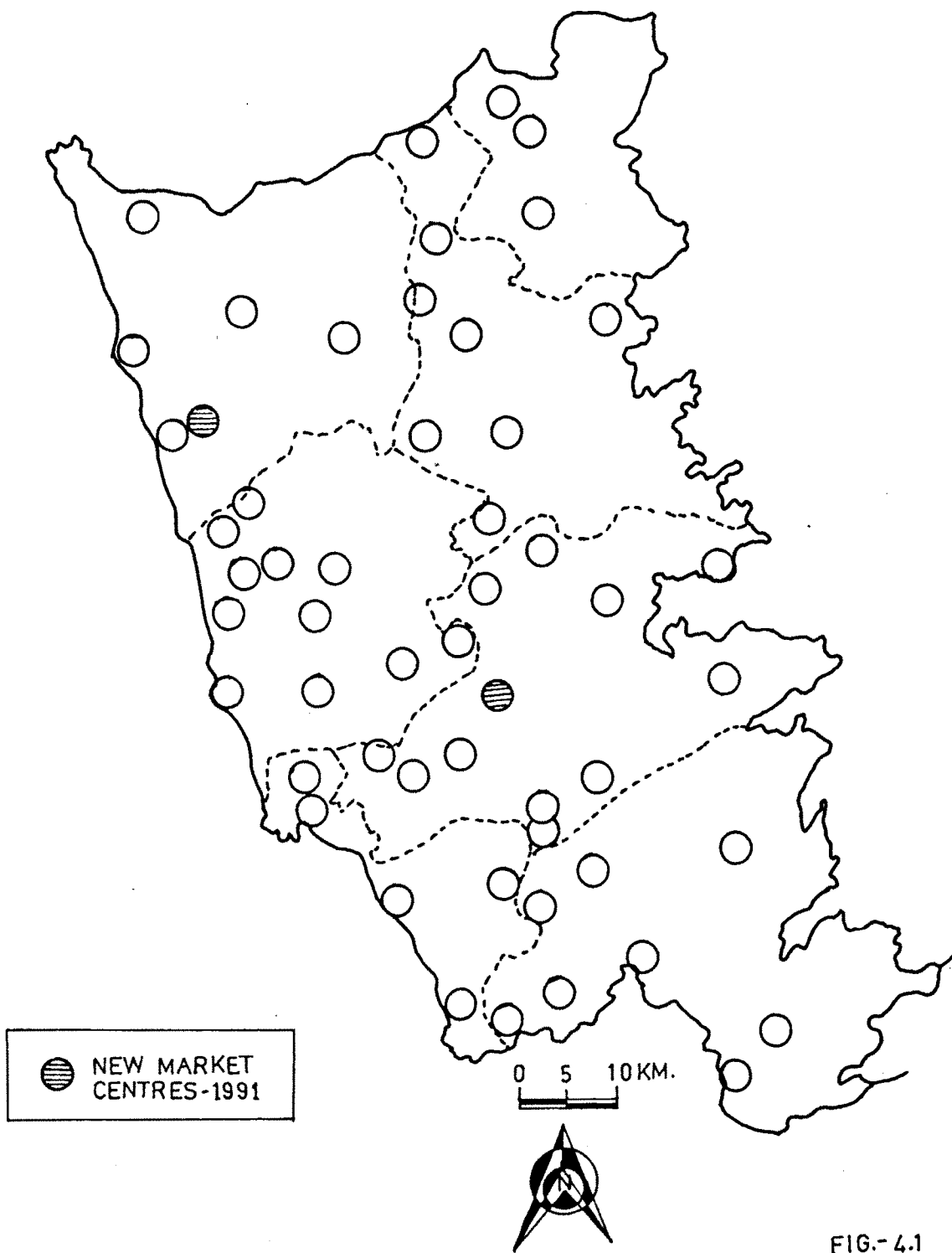


FIG.-4.1

centres have not increased more. It means that, these market centres are more capable to serve more population than the existing population.

4.3

**GROWTH OF MARKET CENTRES BASED ON POPULATION :**

The growth of population in any region is influenced by various factors, which includes soils conditions, development of agriculture, growth of industries, growth of urbanisation and development of transport facilities. In the study region, all over mentioned factors have influenced the growth of population and the growth of settlements. The growth of population has observed in every settlement and it shows changes in population and this change is one of the dynamic factor to study the market centres in relation to population of individual market centre.

In the present study an attempt has been made to find out the decadal growth rate of market centres based on population for the decade 1981-1991. The table No.IV-III-A shows decadal growth rate of individual market centres based on the population.

**TABLE NO.IV-III-A**  
**SINDHUDURG DISTRICT**

**DECADAL GROWTH RATE OF MARKET CENTRES BASED ON**  
**POPULATION 1981 - 1991**

| Sr. No. | Name of the market centres | < Population > |      | Growth in Percentage |
|---------|----------------------------|----------------|------|----------------------|
|         |                            | 1981           | 1991 |                      |
| 1.      | Danoli                     | 340            | 353  | 3.82                 |
| 2.      | Aronda                     | 2516           | 2655 | 5.52                 |
| 3.      | Aros                       | 1072           | 1199 | 11.84                |

| Sr No | Name of the Market centre | < Population > |       | Growth in Percentage |
|-------|---------------------------|----------------|-------|----------------------|
|       |                           | 1981           | 1991  |                      |
| 4.    | Banda                     | 5166           | 5928  | 14.75                |
| 5.    | Sateli-Bhedashi           | 2273           | 3402  | 49.67                |
| 6.    | Kasai(Dodamarg)           | 1920           | 2397  | 24.84                |
| 7.    | Talawade                  | 2206           | 2303  | 4.40                 |
| 8.    | Sawantwadi                | 18671          | 21284 | 13.99                |
| 9.    | Parule                    | 807            | 779   | -3.46                |
| 10.   | Kochare                   | 2034           | 1196  | -41.19               |
| 11.   | Hodawade                  | 2402           | 2592  | 7.91                 |
| 12.   | Shiroda                   | 1637           | 1110  | -32.19               |
| 13.   | Vengurla                  | 12339          | 12254 | -0.68                |
| 14.   | Kasal                     | 3373           | 4152  | 23.09                |
| 15.   | Ambrad                    | 3405           | 3311  | -2.76                |
| 16.   | Ghotage                   | 1914           | 1905  | -0.47                |
| 17.   | Kadaval                   | 1380           | 1469  | 6.44                 |
| 18.   | Nerur K.Narur             | 2092           | 1802  | -13.86               |
| 19.   | Nerur Tarf Haveli         | 2270           | 1638  | -27.84               |
| 20.   | Walawal                   | 643            | 810   | 25.97                |
| 21.   | Salgaon                   | 1170           | 1173  | 0.25                 |
| 22.   | Mangaon                   | 1299           | 1697  | 30.63                |
| 23.   | Zarap                     | 2104           | 2248  | 6.84                 |
| 24.   | Pandur                    | -              | 1213  | -                    |
| 25.   | Kudal                     | 7198           | 11591 | 61.03                |
| 26.   | Chindar                   | 491            | 508   | 3.46                 |
| 27.   | Achare                    | 718            | 1447  | 101.53               |

|     |                     |        |        |        |
|-----|---------------------|--------|--------|--------|
| 28. | Marde               | 918    | 786    | -14.37 |
| 29. | Masure              | 1048   | 953    | - 9.06 |
| 30. | Masade              | 777    | 794    | 2.18   |
| 31. | Malgaon             | 1362   | 1400   | 2.79   |
| 32. | Hadi                | 611    | 1272   | 108.18 |
| 33. | Sukalwad            | 1526   | 1432   | - 6.15 |
| 34. | Katta               | 1148   | 1119   | - 2.52 |
| 35. | Chauke              | 1538   | 1548   | 0.65   |
| 36. | Malvan              | 17328  | 17992  | 3.83   |
| 37. | Kankavli            | 2203   | 17797  | 435.49 |
| 38. | Kharepatan          | 1598   | 1928   | 20.65  |
| 39. | Tarale              | 1339   | 1819   | 35.84  |
| 40. | Kolishi             | 928    | 961    | 3.55   |
| 41. | Phonda-Ghat         | 5958   | 5895   | - 1.05 |
| 42. | Nandgaon            | 2854   | 3177   | 11.31  |
| 43. | Bidwadi             | 1852   | 365    | -80.29 |
| 44. | Osargaon            | 2119   | 2166   | 2.21   |
| 45. | Padel               | 2788   | 3273   | 17.39  |
| 46. | Talawade            | 1865   | 1307   | -29.91 |
| 47. | Devgad              | 2925   | 3865   | 32.13  |
| 48. | Shirgaon            | 3659   | 2492   | -31.89 |
| 49. | Mithbaon            | 4369   | 2827   | -35.29 |
| 50. | Naringre            | -      | 1684   | -      |
| 51. | Kolape              | 947    | 1086   | 14.67  |
| 52. | Kusur               | 1023   | 850    | -16.91 |
| 53. | Vabhav              | 920    | 1485   | 61.41  |
|     | Sindhudurg District | 147695 | 166700 | 12.86  |

The growth rate of individual market centres has been calculated in percentage and grouped into six categories as shown in the table No.IV-III-B.

TABLE NO.IV-III-B  
SINDHUDURG DISTRICT  
CATEGORIWISE GROWTH RATE OF MARKET CENTRES  
AND THEIR PERCENTAGE 1981-1991

| Sr. No. | Category            | No.of market centres | Percentage to total |
|---------|---------------------|----------------------|---------------------|
| 1.      | Decrease            | 18                   | 33.96               |
| 2.      | Below 10%           | 14                   | 26.41               |
| 3.      | 10 to 20%           | 06                   | 11.33               |
| 4.      | 20 to 40%           | 07                   | 13.20               |
| 5.      | Above 40%           | 06                   | 11.33               |
| 6.      | New Market          | 02                   | 3.77                |
|         | Sindhudurg District | 53                   | 100.00              |

From the table No.IV-III-B, it is observed that, nearly 34 percent market centres shows declining growth rate or minus growth rate in population except Sawantwadi taluka. The Vengurla, Kudal, and Malvan talukas show minus growth rate in population of market centres in four markets. In Devgad (3), Kankavli (2), and Vaibhavwadi (1) talukas show decrease rate in population of market centres. The figure No. 4.2 shows the clear picture of these market centres.

The growth rate below 10 percent is observed in 14 market centres which are distributed in the study region except Devgad and Vaibhavwadi talukas. The 5 market centres of Malvan taluka shows growth rate of population below



# SINDHUDURG DISTRICT GROWTH RATE OF MARKET CENTRES 1981-1991.

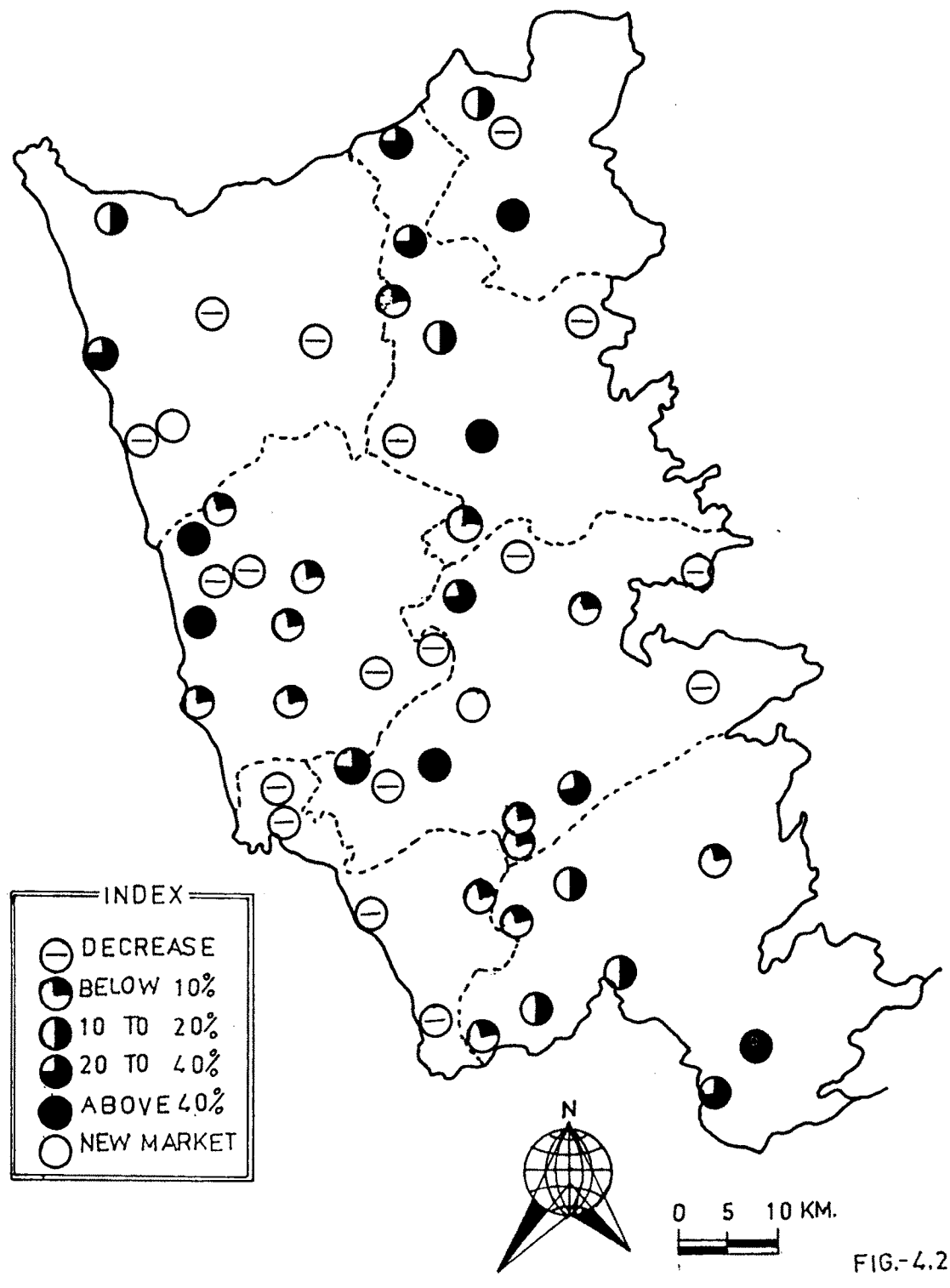


FIG.-4.2

10 percent. The growth rate of population between 10 to 20 percent is observed in 6 market centres of Sawantwadi (3), Vaibhavwadi (1), Devgad (1), Kankavali (1) talukas. The growth rate of population between 20 to 40 percent is observed in 7 market centres of Sawantwadi (1) Kudal (3), Devgad (1), Kankavli (2) talukas. The growth rate of population above 40 percent is observed in 6 market centres of Sawantwadi (1), Kudal (1), Malvan (2), Vaibhavwadi (1) and Kankavli (1). In the decade 1991 two new markets have exist namely Pandur in Kudal and Naringre in Devgad taluka.

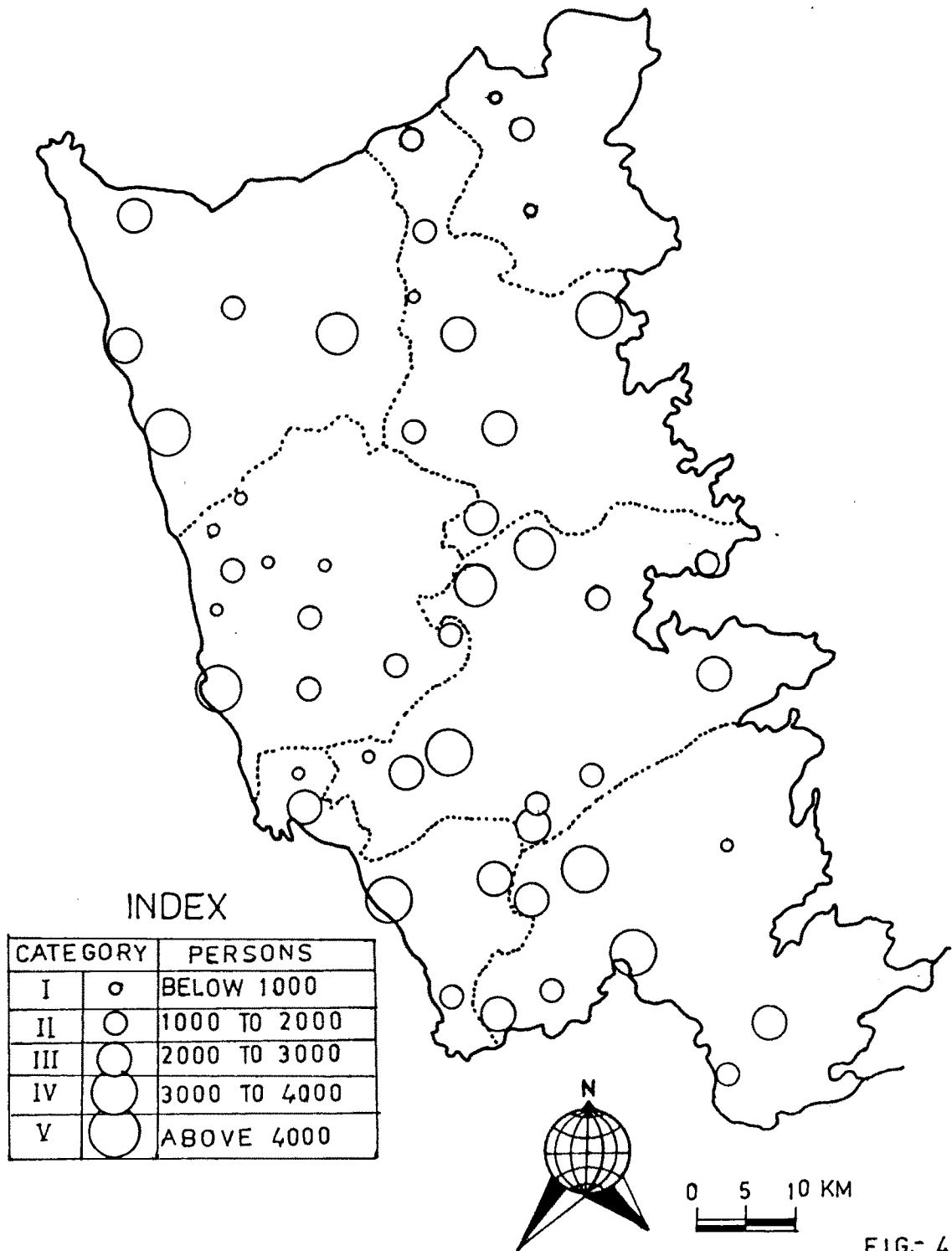
4.4

GROWTH RATE OF MARKET CENTRES ACCORDING

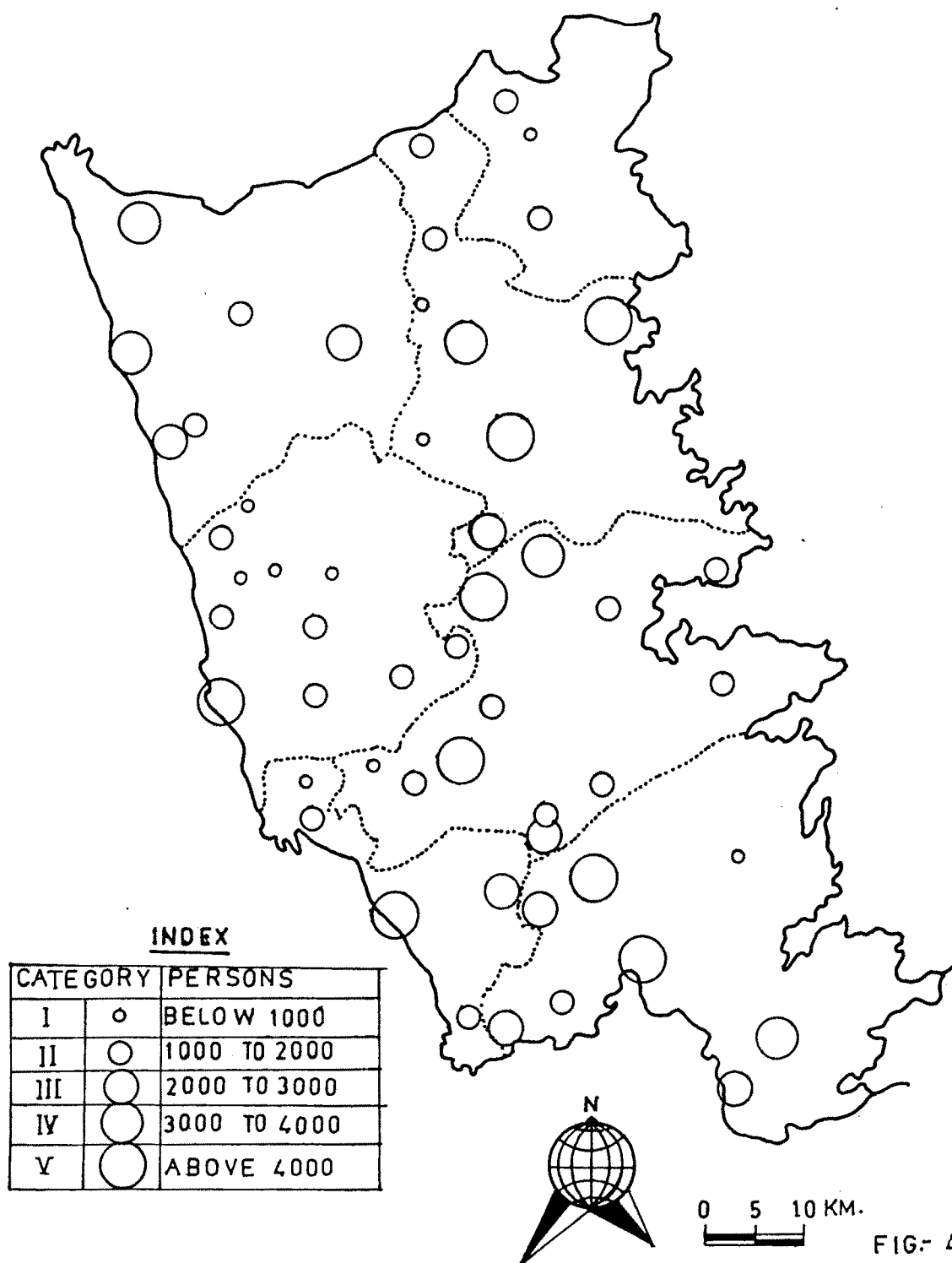
TO THEIR PCPOPULATION SIZE :

Here, an attempt has been made to study the market centres talukawise according to their population size, the market centres have been classified into five categories. The table No.IV-IV and Fig. 4.3 and 4.4 shows details about talukawise growth of market centres according to their population size.

SINDHUDURG DISTRICT  
 CATEGORYWISE GROWTH IN NUMBER  
 OF MARKET CENTRES -1981.



SINDHUDURG DISTRICT  
CATEGORYWISE GROWTH IN NUMBER  
OF MARKET CENTRES -1991.



## TABLE NO.IV-IV

SINDHUDURG DISTRICTGROWTH IN NUMBER OF MARKET CENTRES IN EACH CATEGORY

| Sr. No. | Taluka              | Year | No. of market centres in each category |    |     |    |    | Total |
|---------|---------------------|------|--|----|-----|----|----|-------|
|         |                     |      | I                                      | II | III | IV | V  |       |
| 1.      | Sawantwadi          | 1981 | 1                                      | 2  | 3   | -  | 2  | 08    |
|         |                     | 1991 | 1                                      | 1  | 3   | 1  | 2  | 08    |
| 2.      | Vengurla            | 1981 | 1                                      | 1  | 2   | -  | 1  | 05    |
|         |                     | 1991 | 1                                      | 2  | 1   | -  | 1  | 05    |
| 3.      | Kudal               | 1981 | 1                                      | 4  | 3   | 2  | 1  | 11    |
|         |                     | 1991 | 1                                      | 7  | 1   | 1  | 2  | 12    |
| 4.      | Malvan              | 1981 | 5                                      | 5  | -   | -  | 1  | 11    |
|         |                     | 1991 | 4                                      | 6  | -   | -  | 1  | 11    |
| 5.      | Kankavli            | 1981 | 1                                      | 3  | 3   | -  | 1  | 08    |
|         |                     | 1991 | 2                                      | 2  | 1   | 1  | 2  | 08    |
| 6.      | Devgad              | 1981 | -                                      | 1  | 2   | 1  | 1  | 05    |
|         |                     | 1991 | -                                      | 2  | 2   | 2  | -  | 06    |
| 7.      | Vaibhavwadi         | 1981 | 2                                      | 1  | -   | -  | -  | 03    |
|         |                     | 1991 | 1                                      | 2  | -   | -  | -  | 03    |
|         | Sindhudurg District | 1981 | 11                                     | 17 | 13  | 03 | 07 | 51    |
|         |                     | 1991 | 10                                     | 22 | 08  | 05 | 08 | 53    |

|          |    |              |
|----------|----|--------------|
| Category | .. | Persons      |
| I        | .. | Below 1000   |
| II       | .. | 1000 to 2000 |
| III      | .. | 2000 to 3000 |
| IV       | .. | 3000 to 4000 |
| V        | .. | Above 4000   |

In the first category of market centres i.e. below 1000 persons, there are 11 market centres in the decade 1981 which shows decline by one market centre in the decade 1991.

In the second category of market centres i.e. 1000 to 2000 persons, there are 17 market centres in the decade 1981, which shows increased by 5 market centres in the decade 1991. The third category of market centres i.e. 2000 to 3000 persons, there are 13 market centres in the decade 1981 which shows decline of market centres by 5 in the decade 1991. In the fourth category of market centres, it is observed that, there are 3 market centres in the decade 1981, which are increased by 2 market centres in the decade 1991. In the fifth category of market centres i.e. above 4000 persons, there are 7 market centres in the decade 1981, which have increased by one market centres in the decade 1991. In conclusion, it is found that, in total two market centres have increased.

4.5

TALUKA-WISE CHANGES IN POPULATION OF  
MARKET CENTRES

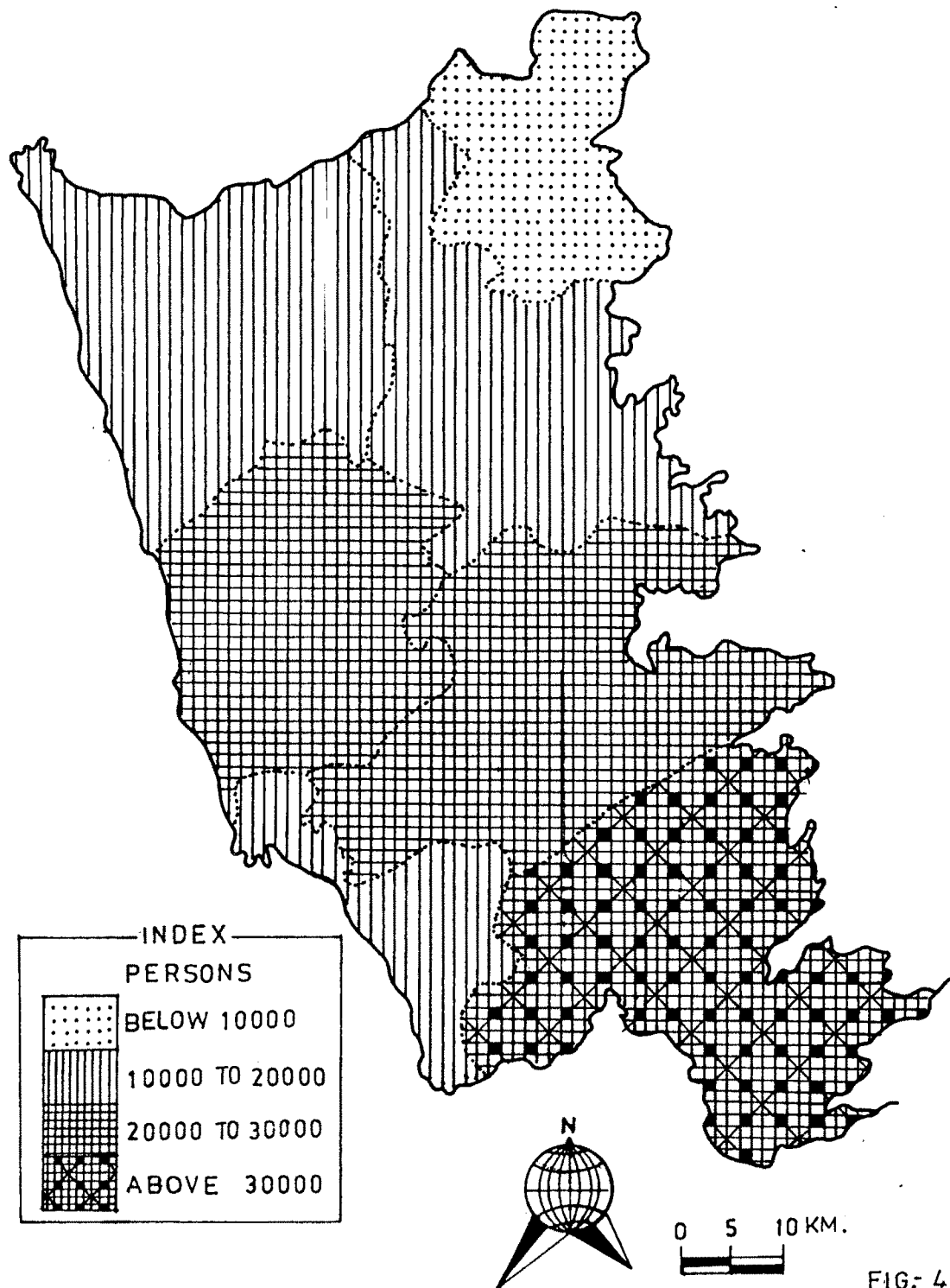
Here, an attempt has been made to study the talukawise changes in population of market centres or the talukawise growth of population of market centres have been considered here. The table No.IV-V shows talukawise growth of population of market centres for the decade 1981-1991.

**TABLE NO. IV-V**  
**SINDHUDURG DISTRICT**  
**TALUKAWISE GROWTH OF POPULATION OF MARKET CENTRES**  
**1981 - 1991**

| Sr. No. | Taluka              | < Population > |        | Growth in Percentage |
|---------|---------------------|----------------|--------|----------------------|
|         |                     | 1981           | 1991   |                      |
| 1.      | Sawantwadi          | 34,164         | 39,521 | 15.68                |
| 2.      | Vengurla            | 19,219         | 17,931 | -6.70                |
| 3.      | Kudal               | 27,887         | 33,009 | 18.37                |
| 4.      | Malvan              | 27,465         | 29,251 | 6.50                 |
| 5.      | Kankavli            | 18,851         | 28,108 | 49.11                |
| 6.      | Devgad              | 17,219         | 15,448 | -10.28               |
| 7.      | Vaibhavwadi         | 2,890          | 3,421  | 18.37                |
|         | Sindhudurg District | 147695         | 166700 | 12.86                |

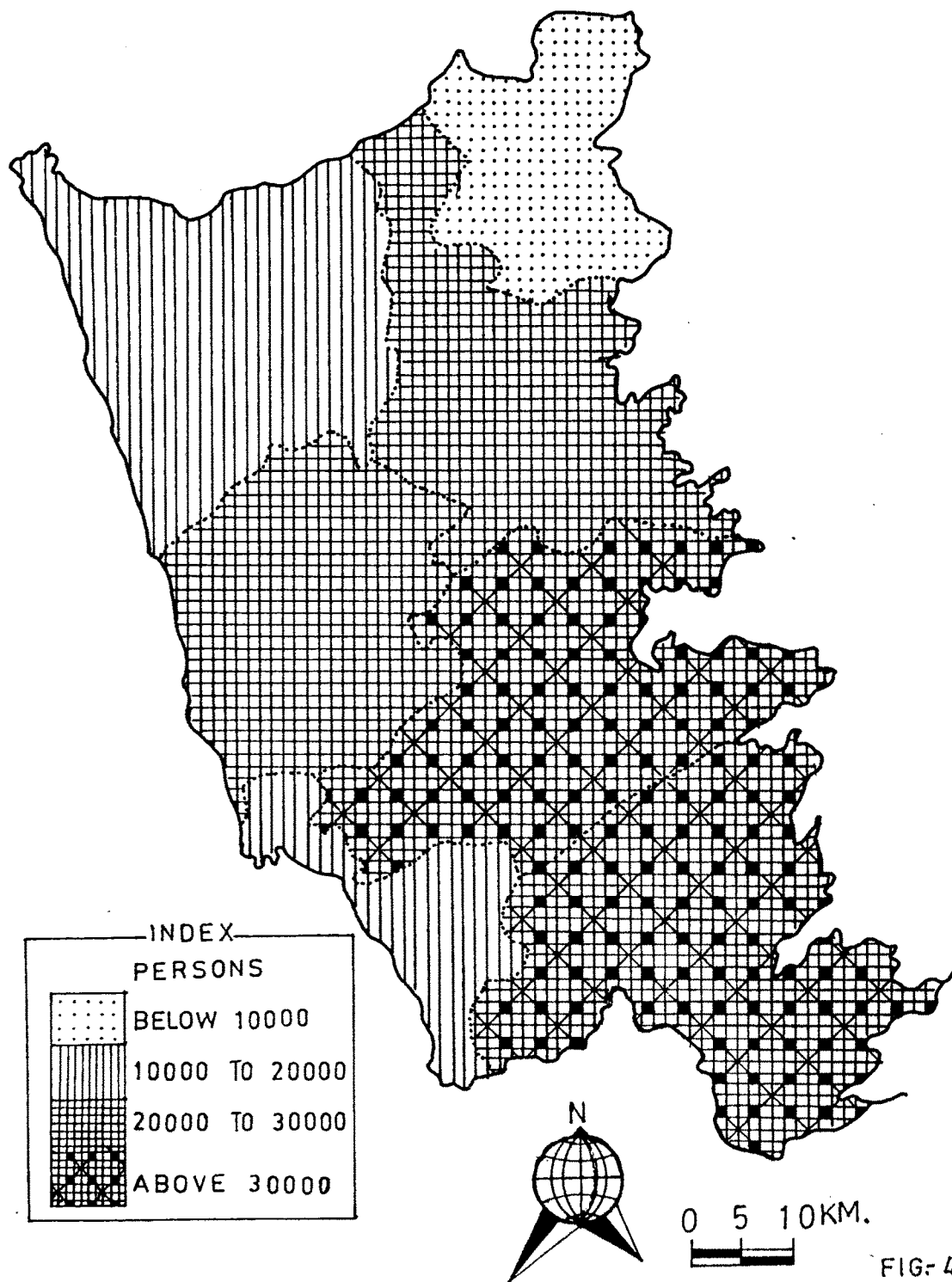
From the table No.IV-V, it is observed that, the Devgad and Vengurla taluka shows declining growth rate of population of market centres. The Malvan taluka shows growth rate of population of market centres by 6.5 percent, Sawantwadi, Kudal and Vaibhavwadi talukas show growth rate of population of market centres by 15.68 percent, 18.37 percent and 18.37 percent respectively. The Kankavli taluka shows higher growth rate of population of market centres (i.e. 49.11 percent) than the other talukas, because in the decade 1981 the Kankavli was a census town but in the year 1991, it has lost its status as a urban centre. So the surrounding small 'Wadi' settlements have merged in the

SINDHUDURG DISTRICT  
TALUKAWISE GROWTH OF POPULATION  
OF MARKET CENTRES-1981.





SINDHUDURG DISTRICT,  
TALUKAWISE GROWTH OF POPULATION  
OF MARKET CENTRES-1991.



Kankavli market centre and its population have increased more ,

The Figure No.4.5 and Figure No.4.6 shows talukawise growth of population of market centres for the decade 1981 and 1991 respectively.

