



**STATE OF GOA**  
**INDICATORS**  
**OF**  
**SOCIO-ECONOMIC DEVELOPMENT**  
**'1989**

DIRECTORATE OF PLANNING, STATISTICS AND EVALUATION  
GOVERNMENT OF GOA,

PANAJI

338.954799

GOA 89



**STATE OF GOA**  
**INDICATORS OF SOCIO-ECONOMIC DEVELOPMENT**  
**1989**

NIEPA DC



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**Sub. National Systems Unit,**  
**National Institute of Educational**  
**Planning and Research**  
**17-B, S. B. Road, Connaught Place, Delhi-11001\***  
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## FOREWORD

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*It is a great pleasure to release this small brochure containing 'State of Goa—Indicators of Socio-Economic Development, 1989', on the eve of the twenty-ninth liberation day. It gives important statistical indicators as at the time of liberation in 1961 and those for the year 1989. The State was brought into the mainstream of national development through implementation of the Five Year Plans, soon after liberation from the erstwhile Portuguese Regime. The wide array of socio-economic indicators presented in the brochure will enable any reader to comprehend at a glance the impressive progress registered by the State since its liberation. It may be clarified that figures for pre-liberation or immediately after liberation period, relate to the erstwhile Union Territory of Goa, Daman and Diu except where otherwise indicated.*

*2. This Directorate acknowledges with gratitude the valuable co-operation extended by the various departments of the Local Administration, Government of India and other organisations in making available to us the requisite data presented in this brochure.*

G. V. KAMAT  
Director

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December, 19, 1989.



**STATE OF GOA**  
**INDICATORS OF SOCIO-ECONOMIC DEVELOPMENT, 1989**

| Sl. No.   | Item   | Unit        | Pre-liberation or immediately after liberation* | 1989      |
|---|--|-------------|---|-----------|
| 1   | 2  | 3           | 4   | 5         |
| <b>I— AGRICULTURE</b>                               |  |             |   |           |
| 1.  | Area under high yielding varieties of paddy ... ..               | Ha.         | Nil   | 43,273    |
| 2.  | Area under sugarcane ... ..                                      | Ha.         | 70 (a)  | 1,706     |
| 3.  | Area covered under plant protection measures ... ..              | Ha.         | 2,220   | 17,856    |
| 4.  | Seedlings and saplings distributed through the Department ... .. | No.         | Nil   | 1,84,135  |
| 5.  | <b>Government land distributed to landless persons:</b>          |             |   |           |
|   | 1) Persons benefitted ... ..                                     | No.         | Nil   | 6,420(b)  |
|   | ii) Total land distributed ... ..                                | Ha.         | Nil   | 64.17(c)  |
| 6.  | Villages cadastrally surveyed ** ... ..                          | No.         | Nil   | 429       |
| 7.  | Villages promulgated ... ..                                      | No.         | Nil   | 398(b)    |
| <b>II— ANIMAL HUSBANDRY AND VETERINARY SERVICES</b> |  |             |   |           |
| 1.  | <b>Animals treated against diseases:</b>                         |             |   |           |
|   | 1) Contagious ... ..   | No.         | 1,084   | 3,840     |
|   | ii) Non-contagious ... ..  | No.         | 1,129   | 7,80,006  |
| 2.  | Vaccinations performed ... ..                                    | No.         | 46,400  | 14,13,788 |
| 3.  | Veterinary hospitals ... ..                                      | No.         | Nil   | 2         |
| 4.  | Veterinary dispensaries ... ..                                   | No.         | Nil   | 19        |
| 5.  | Veterinary doctors and surgeons ... ..                           | No.         | 1 (a)   | 39        |
| 6.  | <b>Key Village Scheme:</b>                                       |             |   |           |
|   | 1) Centres ... ..  | No.         | N. A.   | 1         |
|   | ii) Sub-centres ... ..   | No.         | N. A.   | 70        |
| 7.  | Milk distributed through government dairies (p) ... ..           | Lakh litres | Nil   | 50        |

| Sl. No.               | Item  | Unit        | Pre-liberation or immediately after liberation* | 1989        |
|-----------------------|---|-------------|---|-------------|
| 1                     | 2   | 3           | 4   | 5           |
| 8.                    | Subsidy disbursed ... ..                                  | Rs. in lakh | Nil   | 6.59        |
| 9.                    | Total net weight of meat produced                         | Tonnes      | 708   | 22,749      |
| <b>III — FORESTS</b>  |   |             |   |             |
| 1.                    | Timber production ... ..                                  | Cu. mts.    | Nil   | 13,361      |
| 2.                    | Fuel production ... ..                                    | Cu. mts.    | N. A.   | 38,491      |
| 3.                    | Pole production ... ..                                    | No.         | Nil   | 19,510      |
| 4.                    | Area brought under plantation:                            |             |   |             |
|                       | i) Eucalyptus ... ..                                      | Ha.         | Nil   | 5,122(b)    |
|                       | ii) Teak ... ..   | Ha.         | Nil   | 9,808(b)    |
|                       | iii) Others (cashew, rubber, casuarina and others) ... .. | Ha.         | Nil   | 23,011(b)   |
| 5.                    | Revenue realised ... ..                                   | Rs. in lakh | Nil   | 71.25       |
| <b>IV — FISHERIES</b> |   |             |   |             |
| 1.                    | Marine fish catch:  |             |   |             |
|                       | i) Quantity ... ..  | Tonnes      | 17,186.0  | 40,713(p)   |
|                       | ii) Value ... ..  | Rs. in lakh | 78.50   | 1,933.09(p) |
| 2.                    | Engines and mechanised boats allotted to fishermen ... .. | No.         | Nil   | 102         |
| 3.                    | Financial assistance (loans and subsidies given)          |             |   |             |
|                       | i) Loan ... ..  | Rs. in lakh | Nil   | 24.55(b)    |
|                       | ii) Subsidies ... ..                                      | Rs. in lakh | Nil   | 13.53(b)    |



| Sl. No.                          | Item  | Unit        | Pre-liberation or immediately after liberation* | 1989      |
|----------------------------------|---|-------------|---|-----------|
| 1                                | 2   | 3           | 4   | 5         |
| <b>V — INDUSTRY AND COMMERCE</b> |   |             |   |           |
| 1.                               | Factories registered under the Factories Act ... ..                                 | No.         | 34  | 382       |
| 2.                               | Factories in operation, registered under Factories Act ... ..                       | No.         | 34  | 241       |
|                                  |   |             | (a)   |           |
| 3.                               | Estimated average number of workers employed daily in registered factories ... ..   | No.         | N. A.   | 16,410(b) |
| 4.                               | Small scale industrial units registered with Industries Department                  | No.         | 46  | 4,231(b)  |
| 5.                               | Estimated average number of workers employed daily in small scale industries ... .. | No.         | N. A.   | 27,124(b) |
| 6.                               | Sheds in industrial estates ... ..  | No.         | Nil   | 570(b)    |
| 7.                               | Joint stock companies:  |             |   |           |
|                                  | i) Private ... ..   | No.         | 10  | 815(b)    |
|                                  | ii) Public ... ..   | No.         |   | 81(b)     |
| <b>VI — MINING</b>               |   |             |   |           |
| 1.                               | Ore exports:  |             |   |           |
|                                  | i) Iron ore ... ..  | Lakh tonnes | 65.28   | 133.55    |
|                                  | ii) Manganese ore ... ..  | Lakh tonnes | 0.38  |           |
|                                  | iii) Ferro-manganese ore ... ..   | Lakh tonnes | 0.71  |           |
|                                  |   |             |   | 0.76      |
|                                  |   |             |   | 0.77      |
| <b>VII — POWER</b>               |   |             |   |           |
| 1.                               | Electricity consumed ... ..   | Lakh Kwh    | 78.70   | 4,131.32  |
| 2.                               | Towns and census villages electrified   | No.         | 13  | 392(b)    |
| 3.                               | Per-capita consumption of electricity ... ..  | Lakh Kwh    | 13  | 413       |
| 4.                               | Industrial power consumed ... ..  | Lakh Kwh    | N. A.   | 1,903.66  |
| 5.                               | Industrial consumption to total consumption of electricity ... ..                   | Percentage  | N. A.   | 46.07     |

| Sl. No. | Item | Unit | Pre-liberation or immediately after liberation* | 1989 |
|---------|------|------|---|------|
| 1       | 2    | 3    | 4   | 5    |

### VIII — TRANSPORT

#### A) Roads:

|    |   |      |       |              |
|----|---|------|-------|--------------|
| 1. | Length of roads (including rural roads) ... ..    | Kms. | 2,735 | 7,094(p)     |
| 2. | Length of roads per 1,000 sq. kms. of area ... .. | Kms. | 738   | (a) 1,916(p) |

#### B) Motor vehicles:

|    |                                    |     |       |             |
|----|------------------------------------|-----|-------|-------------|
| 1. | Motor vehicles in operation ... .. | No. | 8,531 | 1,00,531(b) |
| 2. | Motor vehicles per lakh population | No. | 1,361 | 7,485       |

#### C) Bus routes and scheduled public bus services:

|    |  |     |       |       |
|----|--|-----|-------|-------|
| 1. | Bus routes ... ..                                    | No. | N. A. | 414   |
| 2. | Passenger buses/mini buses on the road ... ..        | No. | 90    | 1,312 |
| 3. | Passenger buses/mini buses plying with permit ... .. | No. | N. A. | 1,101 |

#### D) Inland navigation:

|    |  |        |       |        |
|----|--|--------|-------|--------|
| 1. | Number of passengers travelled by waterways ... .. | '000'  | 2,939 | 49,915 |
| 2. | Cargo carried ... ..                               | Tonnes | 3,000 | 38,550 |

### IX — SHIPPING

#### 1. Foreign trade:

|     |                               |             |      |         |
|-----|-------------------------------|-------------|------|---------|
| i)  | Steam vessels cleared ... ..  | No.         | 393  | 269(c)  |
| ii) | Net registered tonnage ... .. | Lakh tonnes | 16.7 | 45.6(c) |

#### 2. Coastal trade:

|       |                                |             |       |            |
|-------|--------------------------------|-------------|-------|------------|
| A. 1) | Steam vessels cleared ... ..   | No.         | N. A. | 156(c)     |
| ii)   | Net registered tonnage ... ..  | Lakh tonnes | N. A. | (a) 7.8(c) |
| B. 1) | Sailing vessels cleared ... .. | No.         | 66    | 755(c)     |
| ii)   | Net registered tonnage ... ..  | Lakh tonnes | 0.03  | 1.9(c)     |

#### 3. Cargo handled:

|     |                 |             |      |        |
|-----|-----------------|-------------|------|--------|
| i)  | Loaded ... ..   | Lakh tonnes | 65.8 | 136.06 |
| ii) | Unloaded ... .. | Lakh tonnes | 1.6  | 12.93  |

| Sl. No. | Item | Unit | Pre-liberation or immediately after liberation* | 1989. |
|---------|------|------|---|-------|
| 1       | 2    | 3    | 4   | 5     |

## X -- COMMUNICATIONS

### Posts and telegraphs:

|    |  |             |     |        |
|----|--|-------------|-----|--------|
| 1. | Post offices ... ..  | No.         | 81  | 220    |
| 2. | Letter boxes ... ..  | No.         | 219 | 744    |
| 3. | Postmen ... ..   | No.         | 144 | 251    |
| 4. | Letters, postcards, newspapers, parcels and packets ... .. | Lakh Nos.   | 150 | 515    |
| 5. | <b>Money Orders:</b>                                       |             |     |        |
|    | i) Issued ... ..   | Rs. in lakh | 90  | 101.79 |
|    | ii) Paid ... ..  | Rs. in lakh | 82  | 13.26  |
| 6. | Telephone exchanges/telex (p) ...                          | No.         | 5   | 43     |
| 7. | Telephone sets ... ..                                      | No.         | 548 | 15,883 |
| 8. | Public call offices ... ..                                 | No.         | 5   | 92     |

## XI -- LITERACY AND EDUCATION

|    |  |          |        |          |
|----|--|----------|--------|----------|
| 1. | <b>Literacy rates (as per 1981 census)</b> |          |        |          |
|    | Total ... ..                               | Per cent | 30.75  | 57.2     |
|    | (a) Males ... ..                           | Per cent | 39.04  | 66.0     |
|    | (b) Females ... ..                         | Per cent | 23.01  | 48.3     |
| 2. | <b>Primary education (Std. I to IV)</b>    |          |        |          |
|    | i) Schools at primary level ...            | No.      | 476    | 1,243    |
|    | ii) Pupils at primary level ...            | No.      | 43,244 | 1,12,362 |
|    | iii) Teachers at primary level ...         | No.      | 679    | 3,950    |
| 3. | <b>Middle education (Std. V to VII)</b>    |          |        |          |
|    | i) Schools at middle level ...             | No.      | ***    | 430      |
|    | ii) Pupils at middle level ...             | No.      | ***    | 85,751   |
|    | iii) Teachers at middle level ...          | No.      | ***    | 2,499    |

| Sl. No. | Item   | Unit | Pre-liberation or immediately after liberation* | 1989     |
|---------|--|------|---|----------|
| 1       | 2  | 3    | 4   | 5        |
| 4.      | <b>Secondary education (Std. VIII to X)</b>        |      |   |          |
|         | i) Schools at secondary level ...                  | No.  | 119   | 324      |
|         | ii) Pupils at secondary level ...                  | No.  | 9,511   | 66,255   |
|         | iii) Teachers at secondary level                   | No.  | 1,089   | 3,361    |
| 5.      | <b>Higher secondary education (Std. XI to XII)</b> |      |   |          |
|         | i) Schools at higher secondary level ... ..        | No.  | Nil   | 37       |
|         | ii) Pupils at higher secondary level ... ..        | No.  | Nil   | 14,943   |
|         | iii) Teachers at higher secondary level ... ..     | No.  | Nil   | 569      |
| 6.      | <b>Vocational and professional education:</b>      |      |   |          |
|         | i) Schools ... ..                                  | No.  | 4   | 30       |
|         | ii) Pupils ... ..                                  | No.  | 411   | 5,508+   |
| 7.      | <b>Teachers training institutions</b>              |      |   |          |
|         | i) <b>Institutions</b>                             |      |   |          |
|         | (a) At post-matric diploma level ... ..            | No.  | 1   | 5        |
|         | (b) At degree level ... ..                         | No.  | Nil   | 1        |
|         | ii) <b>Pupils</b>                                  |      |   |          |
|         | (a) At post-matric diploma level ... ..            | No.  | 64  | 349      |
|         | (b) At degree level ... ..                         | No.  | Nil   | 204      |
| 8.      | <b>University colleges</b>                         |      |   |          |
|         | i) Colleges ... ..                                 | No.  | Nil   | 27       |
|         | ii) Enrolment ... ..                               | No.  | Nil   | 12,235++ |
|         | iii) Women students in colleges                    | No.  | Nil   | 5,828    |
|         | iv) Teachers in colleges ... ..                    | No.  | Nil   | 706      |
|         | v) Out-turn of graduates and post-graduates ... .. | No.  | Nil   | 2,063    |

| Sl. No.                                  | Item  | Unit                                | Pre-liberation or immediately after liberation* | 1989     |
|--|---|-------------------------------------|---|----------|
| 1  | 2   | 3                                   | 4   | 5        |
| <b>XII — HEALTH AND VITAL STATISTICS</b> |   |                                     |   |          |
| <b>A) Health:</b>                        |   |                                     |   |          |
| 1.                                       | Government hospitals ... ..   | No.                                 | 17  | 30       |
| 2.                                       | Beds in government hospitals ... .                                  | No.                                 | 1,098   | 2,330    |
| 3.                                       | Health centres including sub-health and medical dispensaries ... .. | No.                                 | 20  | 249      |
| 4.                                       | Family welfare centres ... ..                                       | No.                                 | Nil   | 259      |
| 5.                                       | Maternity and child welfare/dais centres ... ..                     | No.                                 | 18  | 27       |
| 6.                                       | Patients treated indoor ... ..                                      | No.                                 | 11,648  | N. A.    |
| 7.                                       | Patients treated outdoor ... ..                                     | No.                                 | 54,623  | N. A.    |
| <b>B) Vital Statistics:</b>              |   |                                     |   |          |
| 1.                                       | Birth rate ... ..   | Births per 1,000 population         | 31.39   | 18.24(d) |
| 2.                                       | Death rate ... ..   | Deaths per 1,000 population         | 13.39   | 6.72(d)  |
| 3.                                       | Infant mortality rate ... ..  | Infant deaths per 1,000 live births | 69.77   | 24.88(d) |
| <b>XIII — WATER SUPPLY</b>               |   |                                     |   |          |
| 1.                                       | Total capacity ... ..   | M. g. d.                            | 1.75  | 25.0     |
| 2.                                       | Water consumed ... ..   | M. g. d.                            | 1.05  | 24.0     |
| <b>XIV — TOURISM AND JOURNALISM</b>      |   |                                     |   |          |
| 1.                                       | Hotels/lodging houses including paying guest houses ... ..          | No.                                 | 25  | 425      |
| 2.                                       | Beds ... ..   | No.                                 | 453   | 11,896   |
| 3.                                       | Tourists who visited the State: (p)                                 |                                     |   |          |
|  | i) Foreign ... ..   | No.                                 | N. A.   | 81,777   |
|  | ii) Domestic ... ..   | No.                                 | N. A.   | 6,77,535 |
| 4.                                       | Daily newspapers ... ..   | No.                                 | 4   | 9        |
| 5.                                       | Other periodicals ... ..  | No.                                 | 5   | 19       |
| <b>XV — CO-OPERATION</b>                 |   |                                     |   |          |
| 1.                                       | Co-operative societies registered ...                               | No.                                 | Nil   | 869      |
| 2.                                       | Co-operative societies in operation ...                             | No.                                 | Nil   | 736      |

| Sl. No.                    | Item   | Unit        | Pre-liberation or Immediately after liberation* | 1989        |
|----------------------------|--|-------------|---|-------------|
| 1                          | 2  | 3           | 4   | 5           |
| 3.                         | Total working capital ...                        | Rs. in lakh | Nil   | 17,410.65   |
| 4.                         | Loans advanced to members ...                    | Rs. in lakh | Nil   | 6,422.67    |
| 5.                         | Co-operative banking offices ...                 | No.         | Nil   | 49(b)       |
| <b>XVI — SMALL SAVINGS</b> |  |             |   |             |
| 1.                         | <b>Post Office saving banks:</b>                 |             |   |             |
|                            | 1) Saving banks ...                              | No.         | 57  | 219         |
|                            | ii) Depositors ...                               | No.         | 5,155   | 1,96,743    |
|                            | iii) Amount deposited ...                        | Rs. in lakh | 20.61   | 1,783       |
| 2.                         | Other deposits ...                               | Rs. in lakh | 0.04  | 2,030       |
| <b>XVII — BANKING</b>      |  |             |   |             |
| 1.                         | Scheduled Banks including Co-operative Banks ... | No.         | 5   | 300(e)      |
| 2.                         | Bank deposits ...                                | Rs. in lakh | 905   | 1,05,991(e) |
| 3.                         | Bank credit ...                                  | Rs. in lakh | 303   | 36,810(e)   |
| 4.                         | Per capita bank deposits ...                     | In Rs.      | 144   | 8,909(e)    |
| 5.                         | Per capita bank credit ...                       | In Rs.      | 48  | 3,094(e)    |
| <b>XVIII — INSURANCE</b>   |  |             |   |             |
| 1.                         | <b>Life Insurance</b>                            |             |   |             |
|                            | i) New policies ...                              | No.         | 1,736   | 27,626      |
|                            | ii) Sum insured on new policies ...              | Rs. in lakh | 93.19   | 100.05(p)   |
|                            | iii) Premium paid on new policies ...            | Rs. in lakh | N. A.   | 436.38      |
| 2.                         | <b>General Insurance:</b>                        |             |   |             |
|                            | i) Policies ...                                  | No.         | 4,010   | 69,981      |
|                            | ii) Premium paid ...                             | Rs. in lakh | 15.28   | 680.89(p)   |
| <b>XIX — STATE FINANCE</b> |  |             |   |             |
| 1.                         | <b>Receipts: (f)</b>                             |             |   |             |
|                            | i) Revenue receipts ...                          | Rs. in lakh | N. A.   | 20,098.18   |
|                            | ii) Capital receipts ...                         | Rs. in lakh | N. A.   | 78,485.00   |
|                            | iii) Total receipts ...                          | Rs. in lakh | 700   | 98,583.18   |
| 2.                         | <b>Expenditure: (f)</b>                          |             |   |             |
|                            | <b>i) Developmnet Expenditure:</b>               |             |   |             |
|                            | a) On revenue A/c. ...                           | Rs. in lakh | N. A.   | 15,927.80   |
|                            | b) On capital A/c. ...                           | Rs. in lakh | N. A.   | 6,987.98    |

| Sl. No.  | Item                       | Unit        | Pre-liberation or immediately after liberation* | 1989        |
|--|----------------------------|-------------|---|-------------|
| 1  | 2                          | 3           | 4   | 5           |
| <b>ii) Non-Development expenditure:</b>          |                            |             |   |             |
|  | a) On revenue A/c.         | Rs. in lakh | N. A.   | 7,228.78    |
|  | b) On capital A/c. ...     | Rs. in lakh | N. A.   | 4,800.65(g) |
|  | Total expenditure          | Rs. in lakh | 608   | 11,788.63   |
| <b>XX — STATE INCOME (h)</b>                     |                            |             |   |             |
| <b>1. Net state domestic product</b>             |                            |             |   |             |
|  | i) At current prices ...   | Rs. in lakh | 2,914   | 73,995      |
|  | ii) At constant prices ... | Rs. in lakh | N. A.   | 41,739      |
| <b>2. Per capita net state domestic product:</b> |                            |             |   |             |
|  | i) At current prices ...   | In Rs.      | 434   | 6,284       |
|  | ii) At constant prices ... | In Rs.      | N. A.   | 3,545       |

**Explanations:**

- a) Relate to Goa State only.
- b) Upto 31st March, 1989.
- c) Relate to the year 1987-88.
- d) Relate to the year 1987.
- e) As on 31st March, 1988.
- f) Revised estimates for 1988-89.
- g) Excluding contingency fund and public accounts.
- h) Quick estimates for 1987-88.
- p) Provisional figures.
- \* Relate to the former U. T. of Goa, Daman and Diu, unless otherwise stated.
- \*\* Including 9 villages covered under City Survey.
- \*\*\* Included in secondary education as separate data for middle and secondary is not available.
- + Including enrolment of Teachers Training Institutions at post-matric level.
- ++ Including enrolment of Teachers Training Institutions at degree level.

N. A. Not available.

**Sub. National Systems Unit,**

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 POC. No. ... 5101 ...  
 Date ... 9/4/89 ...



