



**STATISTICAL POCKET-BOOK**

**OF THE**

**UNION TERRITORY**

**OF**

**GOA, DAMAN AND DIU**

**1982**

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**DIRECTORATE OF PLANNING, STATISTICS AND  
EVALUATION**

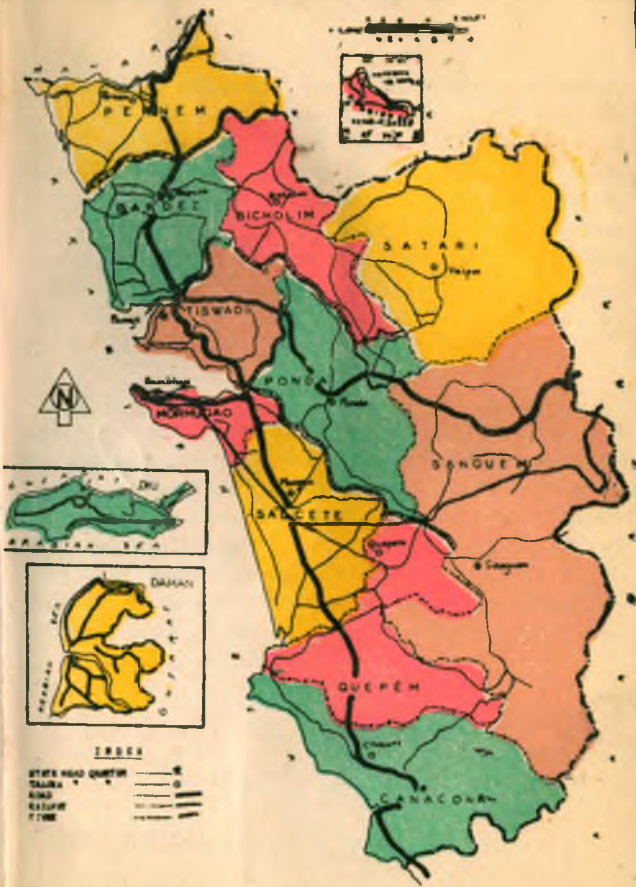
**GOVERNMENT OF GOA, DAMAN AND DIU, PANAJI**

Sub. National Systems Unit,  
National Institute of Developmental  
Planning and Administration  
17-B, Sri Aurobindo Marg, New Delhi-110 016  
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# GOA DAMAN & DIU



## P R E F A C E

This is the sixteenth issue of the Statistical Pocket Book. It seeks to present important statistical information about the Union Territory of Goa, Daman and Diu in a compact manner. Attempts have been made to incorporate the latest available information as far as possible. It is hoped that the publication will serve the varied needs of all interests. While continuous efforts are made to improve its scope and contents, the suggestions from users will be gratefully accepted.

The Directorate acknowledges with thanks the cooperation of various departments and organisations in making available the statistical data presented in this publication. The entire work was competently supervised by Shri R. Tripathy, Jt. Director. Thanks are also due to Shri S. M. Naik, Statistical Officer, S/S M.R. Naik Kadam, Statistical Assistant, B. S. Mahale, Investigator and F. X. Almeida, Draughtsman for their efforts in preparing the Pocket Book.

**B. N. RANGARAMU**  
*Director of planning,  
Statistics & Evaluation*

Panaji, 2nd January, 1983.

## **S Y M B O L S**

**The following symbols and abbreviations have been used throughout the Pocket Book**

**N. A.:** Not available.

**N. A. S.:** Not available separately.

**N. R.:** Not reported.

**"—":** Nil or negligible.

**(P):** Provisional.

**(R):** Revised.

## **LIEUTENANT GOVERNOR**

**Shri Jagmohan**

(Up to 1-9-1982)

**Rtd. Air Chief Marshal I. H. Latif**

(From 2-9-1982)

## **COUNCIL OF MINISTERS**

**I — Shri Pratapsingh Raoji Rane — Chief Minister,**  
incharge of the following Departments:

- i) Home and Transport
- ii) Personnel & Administrative Reforms including Directorate of Vigilance and excluding Protocol
- iii) Finance including Small Savings
- iv) Planning and Statistics
- v) Irrigation
- vi) Forest
- vii) Housing including Housing Board
- viii) Information

**II — Shri Anant Narciava Nalk — Industries Minister,**  
incharge of the following Departments:

- i) Industries & Mines
- ii) Inland Waterways
- iii) Labour & Employment
- iv) Urban Development including Municipalities and excluding Town Planning

**III — Dr. Wilfred D'Souza — Health Minister,** incharge  
of the following Departments:

- i) Public Health
- ii) Tourism

- iii) Town and Country Planning
- iv) P. W. D. including Water Supply
- v) Fisheries

**IV — Shri Shaikh Hassan Haroon — Law Minister, incharge of the following Departments:**

- i) Law & Judiciary
- ii) Legislative Affairs
- iii) Power
- iv) Revenue
- v) Cooperation

**V — Shri Francisco Caetano Sardinha — Agriculture Minister, incharge of the following Departments:**

- i) Agriculture
- ii) Animal Husbandry.
- iii) Panchayati Raj & Community Development
- iv) Weights & Measures
- v) Protocol

**VI — Shri Harish Narayan Prabhu Zantye — Education Minister, incharge of the following Departments:**

- i) Education and Archives
  - ii) Food, Civil Supplies and Price Control
  - iii) Social Welfare including Welfare of Scheduled Castes and Scheduled Tribes and other Backward Classes
  - iv) Public Assistance and Provedoria
-

# GOA, DAMAN AND DIU VIDHAN SABHA

Speaker

**Shri Froilano Machado**

Deputy Speaker

**Shri Valkunt Govind Gauns Dessai**

Sl. No.	Name of the Assembly Constituency	Name of the elected member	Party affiliation
1	2	3	4
1.	Pernem (SC)	Shri Deu Gunaji Mandrekar	Congres (I)
2.	Mandrem	Shri Ramakant D. Khalap	Maharashtrawadi Gomantak
3.	Stolim	Shri Chandrakant U. Chodankar	Congres (I)
4.	Calangute	Dr. Wilfred Tito Fermينو De Souza	"
5.	Mapusa	Shri Shamsundar Jairam Neogi	"
6.	Tivim	Shri Dayanand Ganesh Narvenkar	"
7.	Bicholim	Shri Harish Narayan Prabhu Zantye	"
8.	Pale	Shri Vishnu Rama Naik	"
9.	Satari	Shri Pratapsingh Raoji Rane	"
10.	Panaji	Shri Vishnu Anant Naik	"
11.	Santa Cruz	Shri Michael Antonio Carminho Fernandes	"
12.	Cumbarjua	Shri Vinayak Dharma Chodankar	"
13.	St. Andre	Shri Teotonio Francisco Paulo Pereira	"



**GOA, DAMAN AND DIU VIDHAN  
SABHA (concl'd.)**

Sl. No.	Name of the Assembly Constituency	Name of the elected member	Party affiliation
1	2	3	4
14.	Marcaim	Shri Babuso Savio Gaunkar	Maharash-trawadi Gomantak
15.	Ponda	Shri Joildo Souza Aguiar	Congres (I)
16.	Siroda	Shri Ramchandra Tukaram Prabhu	"
17.	Sanguem	Shri Gurudas Vasudev Naik Tari	"
18.	Rivona	Shri Dilkush Fotu Des-sai	"
19.	Canacona	Shri Vasu Paik Gaonkar	"
20.	Quepem	Shri Vaikunt Govind Gauns Dessai	"
21.	Cuncolim	Shri J. Mario Emerciano Vaz	"
22.	Benaulim	Shri Francisco Monte Piedade Domingo Cruz	"
23.	Navelim	Shri Luizinho Joaquim Faleiro	"
24.	Margao	Shri Anant Narcinva Naik	"
25.	Curtorim	Shri Francisco Caetano Sardinha	"
26.	Cortalim	Shri Froilano Machado	"
27.	Dabolim	Shri Herculano Luis Dourado	"
28.	Mormugao	Shri Shaikh Hassan Haroon	"
29.	Daman	Shri Narsinhbhai Lal-lubhai Tandel	"
30.	Diu	Shri Samji Bhikha Solanki	"

## LOK SABHA CONSTITUENCIES

Sl. No.	Name of the Lok Sabha Constituency	Name of the elected member	Party affiliation
1.	Panaji	Smt. Sanyogita Jayaba Rane	Congress (I)
2.	Mormugao	Shri Eduardo Martinho Faleiro	"

## SECRETARIES TO THE GOVERNMENT

(AS NO 31st DECEMBER 1982)

1. Shri K. C. Johorey, I.A.S. Chief Secretary.
2. Shri K. C. Johorey, I.A.S. Secretary (Planning) cum-Development Commissioner.
3. Shri K. B. Shukla, I.A.S. Secretary (Industries & Labour).
4. Shri R. K. Bhatia, I.A.S. Secretary (Health, Tourism and P.W.D.).
5. Shri Pradeep Mehra, I.A.S. Secretary to the Lt. Governor.
6. Shri Bansi Dhar, I.A.S. Secretary, Finance.
7. Shri U. D. Sharma Secretary, Law.
8. Dr. S. K. Gandhe, I.E.S. Addl. Secretary (Planning) Cum-Addl. Development commissioner.
9. Shri Ramamurthi Gopal, I.A.S. Secretary to Chief Minister.

## JOINT SECRETARY

1. Shri R. I. Jaiprakash Jt. Secretary, Deptt. of Personnel and Administrative Reforms.
2. Shri Pukh Raj Bumb Joint Secretary, Planning & Development.

x

## UNDER SECRETARIES

(AS ON 31st DECEMBER 1982)

Sl. No.	Name of the Officer	Designation	Department under the Officer
1	2	3	4
1.	Shri G. H. Mascarenhas	Under Secretary (Personnel)	Personnel Division Deptt. of Personnel & Administrative Reforms Division
2*	Shri G. H. Mascarenhas	Under Secretary (S. A. & C.)	Sectt. Admn. and Coordn. Division
3.	Shri M. S. Sail	Under Secretary (Health)	Public Health Deptt.
4.	Shri S. D. Sadhale	Under Secretary (Industries and Labour-I)	Industries & Labour Department
5*	Shri J. M. J. Alexandre Pereira	Under Secretary (Revenue)	Local Administration and Welfare Deptt.
6*	Shri L. J. Menezes Pals	Under Secretary (Revenue-I)	Revenue Department
7.	Shri S. M. Naik	Under Secretary (Home)	Home Department (General)
8.	Shri R. V. Dhurbhatkar	Under Secretary (Law)	Law Department

**UNDER SECRETARIES (concl'd.)**

(AS ON 31st DECEMBER 1982)

Sl. No.	Name of the Officer	Designation	Department under the Officer
1	2	3	4
9.	Shr. N. P. Gaunekar	Under Secretary (Forest & Agriculture)	Forest and Agriculture Department
10.	Shr. S. V. Elesar	Under Secretary (Finance)	Finance Department
11.	Shri K. B. Verekar	Under Secretary (Finance-I)	Finance Department (Budget)
12.	Shri A. V. Pimenta	Under Secretary (W. E. T.)	Works, Education & Tourism Department
13.*	Shri D. S. Shirodker	Passport Officer	Home Department (Passport)
14.	Shri L. J. Menezes Pais	Planning Officer	Planning Department
15.	Shri V. J. Menezes	Management Analyst	Administrative Reforms Division
16.	Shri B. S. Subbanna	Under Secretary (Drafting)	Law Department
17.	Shri V. M. Dhume	Protocol Officer	Protocol Department

\* holding addl. charge in addition to his own duties.

**HEADS OF DEPARTMENTS**

(AS ON 31st DECEMBER 1982)

Sl. No.	Department	Name and Designation
1	2	3
1.	Accounts	Shri N. P. S. Nagorcencar, Director
2.	Agriculture	Shri A. S. Nadkarni, Director
3.	Animal Husbandry and Veterinary Services	Dr. A. S. Wagle, Director
4.	Archives	Dr. P. P. Shirodkar, Director
5.	Civil Supplies & Price Control	Shri S. S. Sukhthankar, Director
6.	Co-operation	Shri Jose Philip, Registrar
7.	Education	Shri Rakesh Mohan, I.A.S. Director
8.	Electricity	Shri J. U. Pereira, Chief Electrical Engineer
9.	Engineering College	Shri A. K. Srivastava, Principal
10.	Fisheries	Shri R. M. Dhawan, Director
11.	Forests	P. P. Malhotra, I.F.S., Conservator
12.	Government College, Daman	Dr. S. C. Arya, Principal
13.	Health Services	Dr. Jacinto Estibreiro, Director
14.	Industries and Mines	Shri V. P. Suri, I.A.S., Director

**HEADS OF DEPARTMENTS (contd.)**

(AS ON 31st DECEMBER 1982)

Sl. No	Department	Name and Designation
1	2	3
15.	Information and Public Relation	Shri N. Rajasekhar, Director
16.	Irrigation	Shri V. R. Valaulikar, Chief Engineer
17.	Labour and Employment	Shri V. Sinha, Commissioner
18.	Land Survey	Shri A. S. Ingle, Director
19.	Medical College	Dr. G. J. S. Abraham, Dean
20.	Pharmacy College	Shri Joseph Emmanuel, Principal
21.	Planning, Statistics, Evaluation & Registration of Births & Deaths	Shri B. N. Rangaramu, I.E.S., Director
22.	Police	Pandit R. C. Sharma, I.P.S. Inspector General of Police
23.	Polytechnic	Shri D. R. Karnure, Principal
24.	Ports	Captain A. Rebello, Captain
25.	Printing and Stationery	Shri M. K. Bhandare, Manager
26.	Prisons	Shri J. P. Singh, I.A.S. Inspector General of Prisons
27.	Public Works	Shri J. F. S. de Albuquerque, Chief Engineer

**HEADS OF DEPARTMENTS (conold.)**

(AS ON 31st DECEMBER 1962)

Sl. No.	Department	Name and Designation
1	2	3
28.	Sales Tax, Excise and Entertainment Tax	Shri Rajeev Talwar, I.A.S. Commissioner.
29.	Social Welfare	Shri Alexander Pereira, Director
30.	Sports and Cultural Affairs	Dr. S. K. Mall, Director
31.	Tourism	Shri V. A. P. Mahajan, Director
32.	Town and Country Planning	Shri J. A. D'Souza, Chief Town Planner
33.	Transport	Shri A. Venkatratnam, Director
34.	Weights and Measures	Shri D. A. Gaonkar, Controller

**COLLECTORATES**

35.	Collectorate of Goa	Shri J. P. Singh, I.A.S. Collector
36.	Collectorate of Daman	Shri Hauzel Haukhum, I.A.S., Collector
37.	Civil Administrator, Diu	Shri S. K. Jain, Civil Administrator
38.	Additional Collector of Goa	Shri E. N. Rodrigues, Addl. Collector

**GOA SADAN, NEW DELHI**

39.	Goa Sadan	Shri H. D. Sharma, I.A.S. Special Commissioner to Govt. of Goa, Daman & Diu
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## GOA, DAMAN AND DIU AT A GLANCE

## General Information

Sl. No.	Item	Particulars
	2	3
1.	Area ... ..	3,814 Sq. kms
2.	Population:	
	Total ... ..	10,86,730
	Rural ... ..	7,34,922
	Urban ... ..	3,51,808
	Males ... ..	5,48,450
	Females ... ..	5,38,280
3.	Density of population per square km.	285
4.	Number of districts ... ..	3
5.	Number of talukas ... ..	13
6.	Number of towns ... ..	17
7.	(a) Number of inhabited revenue vil- lages ... ..	424
	(b) Number of uninhabited villages ...	9
8.	Literacy: (Percentage)	
	Males ... ..	66
	Females ... ..	48
	Total ... ..	57

Source: Census of India 1961.

**SOCIO-ECONOMIC INDICATORS OF GOA,  
DAMAN & DIU AND INDIA**

Sl. No.	Item	Year of reference	Goa, Daman & Diu	India
1	2	3	4	5
1.	Density of population per sq. km. ... ..	1981	285	221(P)
2.	Percentage of urban population ... ..	1981	32.37	23.31
3.	Females per 1,000 males ...	1981	981	935(P)
4.	Birth rate per thousand population ... ..	1981	22.12(P)	33.0(a)(P)
5.	Death rate per thousand population ... ..	1981	6.99(P)	12.8(a)(P)
6.	Average household size ...	1981	5.16	5.46(b)
7.	Percentage of workers ...	1981	35.19	32.91(b)
8.	Percentage of male participation ... ..	1981	48.20	52.50(b)
9.	Percentage of female participation ... ..	1981	21.93	11.85(b)
10.	Percentage variation of population:			
	i) 1971-1981 ... ..		+26.69	+25.00
	ii) 1901-1981 ... ..		+114.13	+187.41
11.	Per capita geographical area (Ha.) ... ..	1982	0.34(c)	0.44(d)
12.	Per capita net area sown (Ha.) ... ..	1982	0.12(c)	0.20(d)
13.	Percentage of area under forests ... ..	1971-72	28.41 <sup>a</sup>	21.97(e)

## Socio-Economic Indicators (contd.)

Sl. No.	Item	Year of reference	Goa, Daman & Diu	India
1	2	3	4	5
14.	Percentage of irrigated area to total area sown ... ..	1971-72	5.65*	25.81(e)
15.	Workers engaged in agriculture including agricultural labourers as percentage to total workers ... ..	1981	24.83	69.66(b)
16.	Net area sown per agricultural worker (Ha.) ... ..	1981	1.41*	1.11(b)
17.	Percentage of area irrigated to net area sown (Ha.) ... ..	1971-72	5.89*	30.75(e)
18.	Agricultural mechanisation, No. of tractors per 1,000 Ha. of cultivable land ... ..	1982	0.74(P)	0.91(f)
19.	Livestock per thousand population (Nos.) ... ..	1982	302(P)	645(f)
20.	General literacy rate per 1,000:			
	i) Persons ... ..	1981	567	362(P)
	ii) Males ... ..	1981	656	467(P)
	iii) Females ... ..	1981	476	249(P)
21.	Teacher-pupil ratio at:			
	i) Primary level ... ..	1981-82	1:31	1:40(g)(P)
	ii) Middle level ... ..	1981-82	1:31	1:32(g)(P)
	iii) Secondary level ... ..	1981-82	1:20	1:24(g)(P)
22.	No. of students in Primary, middle and secondary education per 1,000 population	1981-82	240	142(h)



Socio-Economic Indicators (contd.)

Sl. No.	Item	Year of reference	Goa, Daman & Diu	India
1	2	3	4	5
23.	Enrolment in all colleges per million population ...	1981-82	6,414	5,681(h)
24.	Out turn of graduates per lakh population ...	1981-82	122	49.8 (i)
25.	Percentage of enrolment of women students in colleges	1981-82	50	25(h)
26.	Teacher-pupil ratio in colleges ...	1981-82	1:12	1:20(e)
27.	Doctor-population ratio ...	1981-82	1:972(P)	1:2,699(a)
28.	No. of beds per 1,000 population ...	1981-82	3.1	0.9(a)
29.	Railway length per 1,000 sq. kms. (km.) ...	1976-77	21.3	18.6(k)
30.	Length (kms.) of surface roads per:			
	i) 1,000 Sq. Kms. ...	1980-81	737	161(g)
	ii) Lakh population ...	1980-81	259	82.86(g)
31.	No. of vehicles per lakh population ...	1981-82	3,794	586(g)(P)
32.	Average population per bank office (in '000') ...	1980	4	16
33.	Per capita deposits of scheduled commercial banks (Rs.) ...	1980	3,759	675
34.	Per capita bank credit of scheduled commercial banks (Rs.) ...	1980	1,497	451

## Socio-Economic Indicators (concl'd.)

Sl. No.	Item	Year of reference	Goa, Daman & Diu	India
1	2	3	4	5
35.	Per capita income (Rs.):			
	a) At current prices (quick estimates)...	1980-81	2,658.51	1,536.9
	b) At constant prices (quick estimates)...	1980-81	1,340.80	696.3
36.	No. of co-operative societies per lakh population ...	1980-81	43	44(h)
37.	Per capita electricity consumed (KWH) ...	1980-81	232	130.9(g)
38.	Percentage of industrial consumption to total consumption of electricity (KWH)	1980-81	69.9	61.81(g)
39.	No. of telephones per 1,000 habitants ...	1981-82	9.4	4.02(j)

- a) Relates to the year 1979.  
 b) Relates to the year 1971.  
 c) Area figures relates to the year 1960 and projected population as on 1st July 1981(P).  
 d) Area figures relates to the year 1976-77 and population 1981 census.  
 e) Relates to the year 1976-77.  
 f) Relates to the year 1972.  
 g) Relates to the year 1978-79.  
 h) Relates to the year 1977-78.  
 i) Relates to the year 1966-67.  
 j) Relates to the year 1979-80.

\* Area figures relates to the year 1960.

## I. CLIMATE

### 1. RAINFALL AT SELECTED CENTRES, 1981

Sl. No	Centre	Total rainfall during the year (in mm)	No. of rainy days (2.5 mm or more in a day)	Heaviest rainfall in a day (in mm)	Date
1	2	3	4	5	6
1.	Panaji ...	3,226	94	242.1	1.8.81
2.	Margao ...	4,015	98	230.2	31.7.81
3.	Mapusa ...	3,568	91	201.0	27.7.81
4.	Mormugao ...	N. R.	N.R.	N.R.	N. R.
5.	Ponda ...	4,402	109	252.2	14.6.81
6.	Fernem ...	4,022	96	204.2	1.8.81
7.	Quepen ...	4,666	117	226.6	1.8.81
8.	Stanguem ...	4,476	115	173.9	24.7.81
9.	Canacora ...	3,713	101	242.4	31.7.81
10.	Valpoi ...	4,424	119	201.0	5.6.81
11.	Dhu ...	N. R.	N. R.	N.R.	N.R.

Source: — 1. Goa Observatory, Panaji.

2. Regional Meteorological Centre, Ahmedabad-12.

# I. CLIMATE

## 2. MAXIMUM AND MINIMUM TEMPERATURES

Time of observation 08.30 Hrs. I. S. T.

(Temperature in centigrade)

Centre/ Year	Mean Maxi- mum	Mean Mini- mum	Highest		Lowest		
			Tem- pera- ture	Date	Tem- pera- ture	Date	
1	2	3	4	5	6	7	
<b>Panaji:</b>							
1979 ...	...	31.8	23.7	39.0	12.3.79	17.9	14. 2.79
1980 ...	...	31.8	23.7	37.9	15.3.80	17.0	26.12.80
1981 ...	...	31.5	23.4	35.6	26.2.81	15.7	12.12.81
<b>Mormugao:</b>							
1979 ...	...	31.6	24.6	37.4	11.3.79	20.1	14. 2.79
1980 ...	...	31.5	24.5	36.1	14.3.80	18.8	26.12.80
1981 ...	...	N. R.	N. R.	N. R.	N. R.	N. R.	N. R.
<b>Diu:</b>							
1979 ...	...	30.1	22.2	44.0	12.5.79	12.0	15. 1.79
1980 ...	...	N. R.	N. R.	N. R.	N. R.	N. R.	N. R.
1981 ...	...	N. R.	N. R.	N. R.	N. R.	N. R.	N. R.

Source: — 1. Goa Observatory, Panaji.

2) Regional Meteorological Centre, Ahmedabad-12.

3) Regional Meteorological Centre, Colaba—Bom-  
bay.

## II. AREA AND POPULATION

### 3. DISTRIBUTION OF AREA, POPULATION AND DENSITY,

Districtwise and Talukewise, 1981.

District/Taluka	1	2	3	4	5	6
		Area (in sq. km.)	Percentage to total geographical area	Population	Percentage to total Population	Density per sq. km.
GOA, DAKAN AND DIU ... ..	...	3,814.0	100.00	10,86,793	100.00	285
GOA DISTRICT ... ..	...	3,702.0	97.06	10,07,749	92.73	272
Therwadi ... ..	...	166.1	4.35	1,31,941	12.14	794
Bardaz ... ..	...	265.6	6.98	1,53,913	14.16	579
Pernem ... ..	...	242.0	6.35	59,352	5.46	245
Bichoim ... ..	...	227.1	5.95	74,089	6.81	326
Satari ... ..	...	490.3	12.85	40,838	3.76	83
Ponda ... ..	...	288.2	7.42	1,07,838	9.93	381
Sanguem ... ..	...	886.8	23.26	56,004	5.14	63
Canacona ... ..	...	347.4	9.10	36,985	3.31	103
Quepem ... ..	...	347.3	9.10	65,693	6.12	160
Salcete ... ..	...	277.2	7.26	1,93,765	17.83	699
Mormugao ... ..	...	78.3	2.05	98,541	9.07	1,268

## II. AREA AND POPULATION

### 3. DISTRIBUTION OF AREA, POPULATION AND DENSITY,

Districtwise and Talukawise, 1981 (concl'd.)

District/Taluka	Area (in sq. km.)	Percentage to total geographical area	Population	Percentage to total Percentage	Density per sq. Km.
1	2	3	4	5	6
DAMAN DISTRICT ...	72.0	1.89	48,560	4.47	674
Daman ... ..	72.0	1.89	48,500	4.47	674
DIU DISTRICT ...	40.0	1.05	30,421	2.80	761
Diu ... ..	40.0	1.06	30,421	2.80	761

- Note: — 1) The area figures for the Union Territory as a whole and for the Districts are those supplied by the Surveyor General of India.
- 2) The area figures for Talukas of Goa District are those supplied by the Land Survey Department, Panaji.
- 3) The area figures for Daman and Diu Talukas may be taken to be the same as those supplied by the Surveyor General of India for the respective Districts, as these are single-taluka districts.

Source: — Census of India, 1981.

## II. AREA AND POPULATION

### 4. TALUKAWISE DISTRIBUTION OF POPULATION ACCORDING TO RURAL AND URBAN, 1981

District/Taluka	No. of revenue villages	No. of villages as per 1981 census	Rural population	Percentage of rural population to total population	No. of towns as per 1981 census	Urban population	Percentage of urban population to total population
1	2	3	4	5	6	7	8
<b>GOA, DAMAN AND DIU ...</b>	424	412	7,34,922	67.63	17	3,51,808	32.37
<b>GOA DISTRICT</b>	398	386	6,84,964	67.97	15	3,22,785	32.03
Tiswadi ...	38	28	54,715	41.47	1	77,228	58.53
Bardez ...	41	41	1,09,402	71.08	3	44,511	28.92
Pernem ...	27	27	55,377	93.30	1	3,975	6.70
Bicholim ...	28	28	62,856	84.84	1	11,233	15.16
Satari ...	77	77	36,943	90.46	1	3,889	9.54
Ponda ...	31	31	92,558	85.79	1	15,330	14.21
Sanguem ...	48	48	49,927	89.31	1	5,977	10.69
Canacona ...	8	8	34,306	95.47	1	1,629	4.53
Quepem ...	89	39	43,832	78.84	2	11,761	21.16
Salcete ...	48	46	1,16,191	59.97	2	77,564	40.03
Mormugao ...	13	13	28,857	29.28	1	69,684	70.72
<b>DAMAN DISTRICT ...</b>	21	21	27,557	56.75	1	21,003	43.25
Daman ...	21	21	27,557	56.75	1	21,003	43.25
<b>DIU DISTRICT</b>	5	5	22,401	73.64	1	8,020	26.36
Diu ...	5	5	22,401	73.64	1	8,020	26.36

Note: — 1) Beside 424 inhabited villages there are 9 uninhabited villages, 3 in Satari, 4 in Sanguem, one each in Canacona and Mormugao Talukas.

2) The variation between number of revenue villages and census villages is noticed because 12 revenue villages are considered as out-growth of urban agglomeration.

Source: — Census of India, 1981.

## II. AREA AND POPULATION

### 5. POPULATION BY SEX TALUKAWISE, 1981

District/Taluka	Persons	Males	Females	Sex ratio (females per '000 males)
1	2	3	4	5
<b>GOA, DAMAN AND DIU</b>	10,86,730	5,48,450	5,38,280	981
<b>GOA DISTRICT</b> ...	10,07,749	5,10,152	4,97,597	975
Tiswadi ...	1,31,941	68,084	63,857	938
Bardez ...	1,53,913	75,703	78,210	1,033
Pernem ...	59,352	28,750	30,602	1,064
Bicholim ...	74,089	37,888	36,201	955
Satari ...	40,838	20,580	20,258	984
Ponda ...	1,07,888	56,078	51,810	924
Sanguem ...	55,904	29,426	26,478	900
Canacona ...	35,935	17,909	18,026	1,007
Quepem ...	55,593	28,369	27,224	960
Salcete ...	1,93,755	93,841	99,914	1,065
Mormugao ...	98,541	53,524	45,017	841
<b>DAMAN DISTRICT</b> ...	48,560	24,074	24,486	1,017
Daman ...	48,560	24,074	24,486	1,017
<b>DIU DISTRICT</b> ...	30,421	14,224	16,197	1,139
Diu ...	30,421	14,224	16,197	1,139

Source: — Census of India, 1981.



## II. AREA AND POPULATION

### B. LITERACY, 1981

Classification	Total	Rural	Urban
1	2	3	4
<b>Total population:</b>			
Persons ... ..	10,86,730	7,34,922	3,51,808
Males ... ..	5,48,450	3,66,102	1,83,348
Females ... ..	5,38,280	3,69,820	1,68,460
<b>Literates:</b>			
Persons ... ..	6,15,752	3,87,127	2,28,625
Males ... ..	3,59,731	2,27,793	1,31,938
Females ... ..	2,56,021	1,59,334	96,687
<b>Percentage literacy:</b>			
Persons ... ..	57	53	65
Males ... ..	66	62	72
Females ... ..	48	43	57

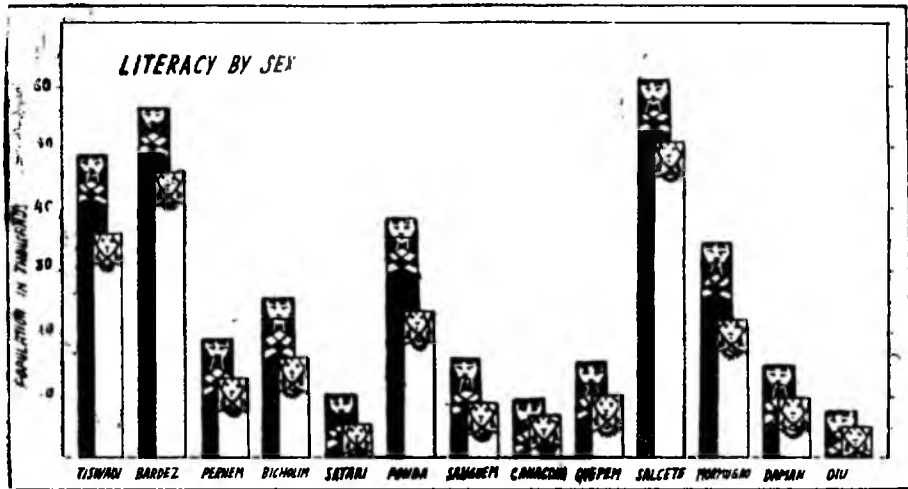
Source: — Census of India, 1981.

## II. AREA AND POPULATION

### 7. LITERACY BY SEX, TALUKAWISE, 1981

District/Taluka	Literates			Percentage of literacy		
	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7
<b>GOA, DAMAN AND DIU</b>	6,15,752	3,59,731	2,56,021	57	66	48
<b>GOA DISTRICT</b>	5,76,928	3,36,634	2,40,294	57	66	48
Tiswadi ...	84,755	48,834	35,921	64	72	56
Bardez ...	1,03,269	56,826	46,443	67	75	59
Pernem ...	32,902	19,476	13,426	55	68	44
Bicholim ...	41,933	25,652	16,281	57	68	45
Satari ...	16,040	10,516	5,524	39	51	27
Ponda ...	62,250	38,568	23,682	58	69	46
Sanguem ...	25,245	16,236	9,009	45	55	34
Canacona ...	16,333	9,426	6,907	45	53	38
Quepem ...	25,397	15,270	10,127	46	54	37
Salcete ...	1,12,328	60,986	51,342	58	65	51
Mormugao ...	56,476	34,844	21,632	57	65	48
<b>DAMAN DISTRICT</b> ...	25,277	15,104	10,173	52	63	42
Daman ...	25,277	15,104	10,173	52	63	42
<b>DIU DISTRICT</b> ...	13,547	7,993	5,554	45	56	34
Diu ...	13,547	7,993	5,554	45	56	34

Source: — Census of India, 1981.



## II. AREA AND POPULATION

### 8. ECONOMICALLY ACTIVE MAIN WORKERS, MARGINAL WORKERS AND NON-WORKERS, TALUKAWISE, 1981

District/ Taluka	Total Main Workers		Marginal workers		Non-workers	
	Persons	Males	Persons	Males	Persons	Males
1	2	3	4	5	6	7
<b>GOA, DAMAN AND DIU...</b>	3,32,463	2,51,477	49,985	12,903	7,04,282	2,84,070
<b>G O A DIS-TRICT .....</b>	3,11,247	2,34,975	44,962	12,367	6,51,540	2,62,810
Tiswadi .....	42,912	32,326	3,702	1,219	85,327	34,539
Bardez .....	42,121	31,426	6,256	1,788	1,05,536	42,489
Pernem .....	16,382	11,415	6,143	1,516	36,827	15,819
Bicholim ...	22,190	17,446	3,577	1,098	48,322	19,344
Satari .....	14,376	10,036	3,203	706	23,259	9,838
Ponda .....	33,633	26,501	3,870	1,114	70,385	28,463
Sanguem ...	22,182	15,804	2,762	752	30,960	12,870
Canacona ...	10,894	8,182	2,728	511	22,313	9,216
Quepem .....	18,962	13,593	2,482	651	34,149	14,125
Salcete .....	54,858	40,047	7,925	2,043	1,30,972	51,751
Mormugao...	32,737	23,199	2,314	969	63,490	24,356
<b>DAMAN DIS-TRICT .....</b>	13,618	10,797	3,958	378	30,984	12,899
Daman .....	13,618	10,797	3,958	378	30,984	12,899
<b>D I U DIS-TRICT .....</b>	7,598	5,705	1,065	158	21,758	8,361
Diu .....	7,598	5,705	1,065	158	21,758	8,361

Source: — Census of India, 1981.

## II. AREA AND

9. DISTRIBUTION OF WORKING POPULATION  
TALUKA

District/Taluka	Total main workers			As cultivators		
	Per- sons	Males	Fe- males	Per- sons	Males	Fe- males
1	2	3	4	5	6	7
<b>GOA, DAMAN AND DIU</b> .....	3,32,483	2,51,477	80,986	62,572	40,627	21,945
<b>GOA DISTRICT</b> ...	3,11,247	2,34,975	76,272	58,376	37,321	21,055
Tiswadi ...	42,912	32,326	10,586	5,063	2,840	2,223
Bardez ...	42,121	31,426	10,695	6,456	3,545	2,911
Pernem ...	16,382	11,415	4,967	7,156	4,185	2,971
Bicholim ...	22,190	17,446	4,744	5,309	3,724	1,585
Satari ...	14,376	10,036	4,340	5,729	3,807	1,922
Ponda ...	33,633	26,501	7,132	7,375	5,445	1,930
Sanguem ...	22,182	15,804	6,378	4,627	3,184	1,443
Canacona ...	10,894	8,182	2,712	4,947	3,597	1,350
Quepem ...	18,962	13,593	5,369	5,972	3,937	2,035
Salcete ...	54,858	40,047	14,811	5,187	2,759	2,428
Mormugao ...	32,737	28,199	4,538	555	298	257
<b>DAMAN DISTRICT</b>	13,618	10,797	2,821	3,013	2,432	581
Daman ...	13,618	10,797	2,821	3,013	2,432	581
<b>DIU DISTRICT</b> ...	7,598	5,705	1,893	1,183	874	309
Diu ..	7,598	5,705	1,893	1,183	874	309

Source: — Census of India, 1981.

POPULATION

(MAIN WORKERS) BY INDUSTRIAL CATEGORY,  
WISE, 1981

As agriculture labourers			In household industry			Other workers		
Per-sons	Males	Fe-males	Per-sons	Males	Fe-males	Per-sons	Males	Fe-males
8	9	10	11	12	13	14	15	16
32,394	17,431	14,963	11,335	8,619	2,716	2,26,162	1,84,800	41,362
30,556	16,454	14,102	10,451	8,046	2,405	2,11,864	1,73,154	38,710
2,655	1,520	1,135	843	680	163	34,351	27,286	7,065
2,971	1,673	1,298	1,861	1,398	463	30,833	24,810	6,023
1,602	823	779	1,338	900	438	6,286	5,507	779
1,868	1,144	724	687	426	261	14,326	12,152	2,174
2,332	1,322	1,010	414	262	152	5,901	4,545	1,256
4,729	2,623	2,106	825	660	165	20,704	17,773	2,931
3,469	1,741	1,728	380	311	69	13,706	10,568	1,138
958	555	403	430	377	53	4,559	3,653	906
2,755	1,399	1,356	461	347	114	9,774	7,910	1,864
6,358	3,204	3,154	2,598	2,156	437	40,720	31,928	8,792
859	450	409	619	529	90	30,704	26,922	3,782
1,431	750	681	707	462	245	8,467	7,153	1,314
1,431	750	681	707	462	245	8,467	7,153	1,314
407	227	180	177	111	66	5,831	4,493	1,338
407	227	180	177	111	66	5,831	4,493	1,338

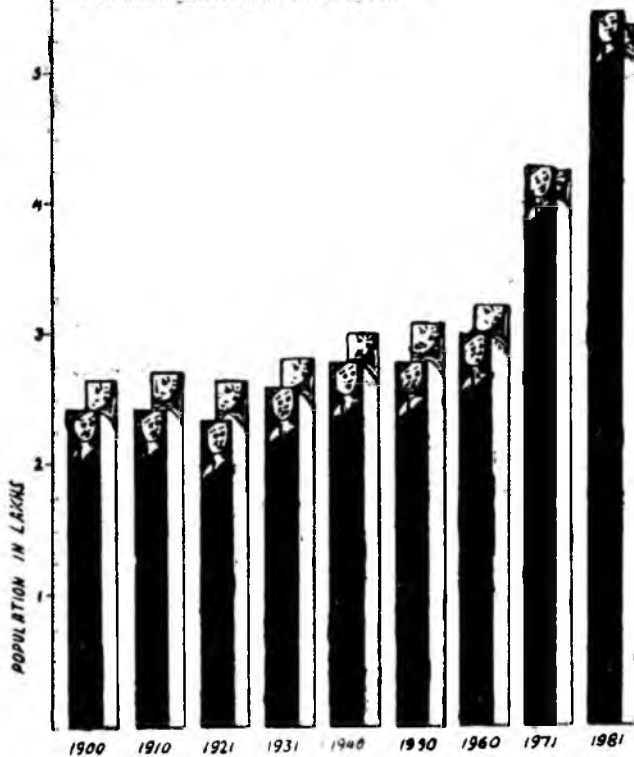
**II. AREA AND POPULATION**

**10. SCHEDULED CASTES AND SCHEDULED TRIBES POPULATION — TALUKAWISE — 1981**

District/Taluka					
	1	2	3	4	5
	Scheduled castes Population	Percentage of scheduled castes to total population	Scheduled tribes population	Percentage of scheduled tribes to total population	
<b>GOA, DAMAN AND DIU</b> ... ..	23,432	2.16	10,721	0.39	
<b>GOA DISTRICT</b> ...	20,619	2.06	690	0.07	
Thswadi ... ..	2,351	1.78	40	0.03	
Bardez ... ..	4,523	2.94	47	0.03	
Pernem ... ..	2,389	4.04	-	-	
Bicholim ... ..	2,014	2.72	31	0.04	
Satari ... ..	948	2.32	4	0.01	
Ponda ... ..	1,261	1.17	18	0.01	
Sauguem ... ..	1,131	2.02	82	0.15	
Cancona ... ..	208	0.58	2	0.01	
Quepem ... ..	642	1.15	173	0.31	
Salcete ... ..	2,541	1.31	209	0.11	
Mormugao ... ..	2,599	2.64	84	0.09	
<b>DAMAN DISTRICT</b>	1,684	3.47	9,828	20.24	
Daman ... ..	1,684	3.47	9,828	20.24	
<b>DIU DISTRICT</b> ... ..	1,129	3.71	203	0.67	
Diu ... ..	1,129	3.71	203	0.67	

Source: — Census of India, 1981.

## DECENNIAL GROWTH OF POPULATION





## II. AREA AND POPULATION

### 11. DECENNIAL GROWTH OF POPULATION

Year				Males	Fe- males	Persons	Percentage varia- tion
1				2	3	4	5
1900	...	...	...	2,43,439	2,64,079	5,07,518	—
1910	...	...	...	2,46,842	2,72,380	5,19,222	(+) 2.31
1921	...	...	...	2,36,088	2,64,816	5,00,904	(—) 3.53
1931	...	...	...	2,59,381	2,82,329	5,41,710	(+) 8.15
1940	...	...	...	2,80,175	3,03,561	5,83,736	(+) 7.76
1950	...	...	...	2,80,141	3,15,918	5,96,059	(+) 2.11
1960	...	...	...	3,02,534	3,24,133	6,26,667	(+) 5.14
1971	...	...	...	4,31,214	4,26,557	8,57,771	(+) 36.88
1981	...	...	...	5,48,450	5,38,280	10,86,730	(+) 26.69

Source — Census of India, 1981.



## POPULATION

## INDIA

## LITERATE POPULATION TOTALS 1981 CENSUS

Total Population 1981		Total literates 1981	
males	females	Persons	Percentage to total
3	4	5	6
353,349,439	330,465,225	238,003,195	34.81
27,035,631	26,368,088	15,989,266	29.94
10,472,712	9,430,114	N. A.	N. A.
35,865,487	33,957,687	18,163,410	26.01
17,484,540	16,476,365	14,858,075	43.75
6,846,153	6,001,749	4,605,649	35.34
2,131,512	2,106,257	1,777,201	41.94
3,062,200	2,919,400	N. A.	N. A.
18,869,494	18,173,957	14,228,947	38.41
12,487,961	12,915,256	17,571,819	69.17
26,856,752	25,274,965	14,502,063	27.82
32,341,115	30,352,782	29,695,721	47.37
727,108	706,583	601,943	41.98
678,883	648,991	441,077	33.22
414,231	359,050	324,700	41.99
13,253,523	13,018,531	8,964,625	34.12
8,840,234	7,829,521	6,791,547	40.74
17,749,282	16,353,630	8,201,615	24.04



## POPULATION

## INDIA

## POPULATION TOTALS 1981 CENSUS (Concl.)

Total Population 1981		Total Literates 1981	
males	females	Persons	Percentage to total
3	4	5	6
171,359	143,723	106,780	33.82
24,420,228	23,877,228	22,111,593	45.78
1,057,714	1,002,475	856,688	41.58
58,780,640	52,077,379	30,358,013	27.33
28,505,151	25,980,409	22,271,857	40.88
106,889	81,365	93,520	51.27
335,941	292,109	126,185	20.09
254,208	195,853	291,091	64.68
52,514	51,163	27,578	26.60
3,422,550	2,773,564	3,783,611	61.06
548,450	538,280	615,792	57
20,367	19,870	22,018	54.72
251,988	235,786	230,241	59.50
304,342	299,704	327,600	54.23

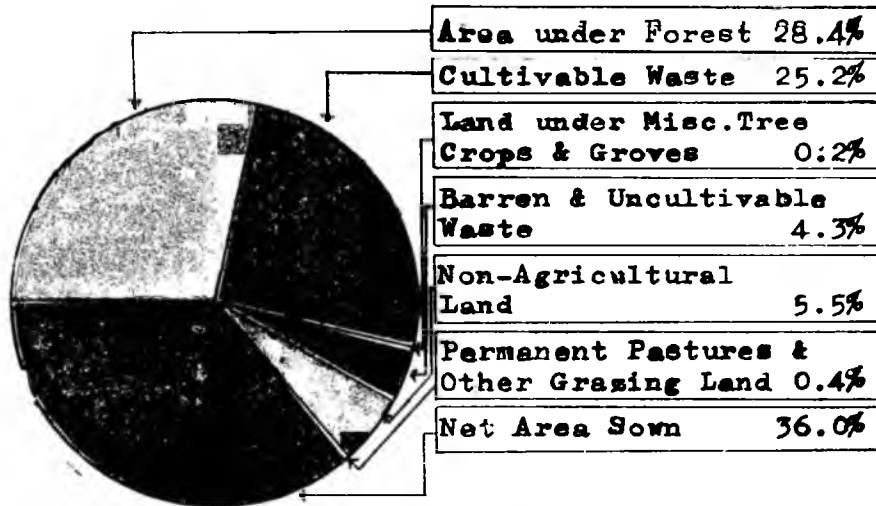
**III. AGRICULTURE**  
**13. LAND UTILIZATION, 1960**

(In hectares)

Sl. No.	Item	Area	Percent age to total geogra- phical area
1	2	3	4
1.	Total geographical area according to Land Survey Department ... ..	3,70,672.3	100.0
2.	Area under forest ... ..	1,05,295.4	28.4
3.	Land not available for cultivation ..	30,809.0	9.8
	i) Land put to non-agricultural uses	20,566.5	5.5
	ii) Barren and uncultivable land ..	10,042.5	4.3
4.	Other uncultivated land ... ..	95,193.0	25.8
	i) Permanent pastures and other grazing lands ... ..	1,395.0	0.4
	ii) Land under miscellaneous tree crops and groves not included in net area sown ... ..	595.2	0.2
	iii) Cultivable waste (including fallow land) ... ..	93,292.8	25.2
5.	Net area sown ... ..	1,33,574.9	36.0
6.	Total cropped area ... ..	1,39,177.3	..
7.	Area sown more than once ... ..	5,602.4	..

Source: — Land Survey Department, Panaji.

# LAND UTILISATION 1960



370,672.3 HECTARES ( TOTAL AREA )

### III. AGRICULTURE

#### 14. AREA UNDER PRINCIPAL CROPS, 1960

(In hectares)

Sl. No.	Crop	Area	Percentage to total cropped area
1	2	3	4
1.	Rice ... ..	51,567.8	37.0
	i) Kharif ... ..	45,497.9	
	ii) Rabi ... ..	6,069.9	
	Other cereals, millets and pulses ... ..	26,511.4	19.0
3.	Cashewnut ... ..	32,517.1	23.4
4.	Coconut ... ..	18,678.9	13.4
5.	Arecanut ... ..	1,731.2	1.2
6.	Sugarcane ... ..	69.7	0.1
7.	Garden crops... ..	8,029.7	5.8
8.	Vegetables ... ..	81.5	0.1
9.	Total area sown under all crops ... ..	1,39,177.3	100.0

Source: Land Survey Department, Panaji.



### III. AGRICULTURE

#### 15. IRRIGATED AREA UNDER CROPS, 1960

(In hectares)

Sl. No.	Crop	Area irrigated
1	2	3
1.	Rice (Rabi) ... ..	6,069.9
2.	Sugarcane ... ..	69.7
3.	Arecanut ... ..	1,721.2
	Total irrigated are ... ..	7,860.8

Source: — Land Survey Department, Panaji.

### III. AGRICULTURE

#### 16. ESTIMATES OF PRODUCTION OF RICE, RAGI, WHEAT AND BAJRA FOR THE YEARS 1979-80, 1980-81 AND 1981-82

(In tonnes)

Crop/District/Taluka	1979-80	1980-81	1981-82
1	3	3	4
<b>RICE:</b>			
<b>GOA, DAMAN AND DIU</b>	95,290	1,17,277	1,19,536
<b>GOA DISTRICT</b>	93,971	1,14,659	1,17,013
Tiswadi ... ..	12,263	17,724	17,022
Bardez ... ..	14,124	16,195	15,507
Pernem ... ..	6,696	8,556	7,614
Bicholim ... ..	7,687	7,988	10,230
Satari ... ..	4,013	4,118	5,129
Ponda ... ..	9,559	10,788	10,844
Sanguem ... ..	6,728	7,846	7,314
Canacona ... ..	5,095	6,886	7,132
Quepem ... ..	6,867	8,839	9,510
Salcete ... ..	18,637	23,319	23,682
Mormugao ... ..	2,302	2,401	3,020
<b>DAMAN DISTRICT</b> ... ..	1,319	2,618	2,523
<b>RAGI:</b>			
<b>GOA DISTRICT</b>	6,467	8,186	9,326
<b>WHEAT:</b>			
<b>DAMAN DISTRICT</b> ... ..	28	48	41
<b>DIU DISTRICT</b> ... ..	16	48	46
<b>BAJBA:</b>			
<b>DIU DISTRICT</b> ... ..	479	434	484

Source: — Directorate of Agriculture Panaji.

### III. AGRICULTURE

#### 17. ESTIMATES OF AVERAGE YIELD OF RICE, RAGI, WHEAT AND BAJRA FOR THE YEARS 1979-80, 1980-81, AND 1981-82

(In Kgs.)

Crop/District/ Taluka	Average yield per hectare					
	1979-80		1980-81		1981-82	
	Kha- rif	Rabi	Kha- rif	Rabi	Kha- rif	Rabi
1	2	3	4	5	6	7
<b>RICE:</b>						
<b>GOA, DAMAN AND DIU</b>	1,651	2,396	2,181	2,515	2,098	2,921
<b>GOA DISTRICT</b>	1,704	2,396	2,184	2,515	2,103	2,921
Tiswadi	1,909	2,319	2,911	2,341	2,477	3,168
Bardez	2,088	2,021	2,513	2,459	2,311	3,211
Pernem	1,371	1,382	1,993	2,125	1,630	2,696
Bicholim	1,151	2,965	1,745	2,085	2,287	2,575
Satari	1,137	2,861	997	3,295	1,511	2,938
Ponda	1,603	3,063	2,182	2,789	1,665	3,720
Sanguem	1,616	2,634	1,693	3,343	1,493	3,006
Canacona	1,474	2,309	2,149	2,462	2,164	2,867
Quepem	1,532	1,935	1,935	2,593	2,099	2,473
Salcete	1,785	1,788	2,289	2,029	2,215	2,407
Mormugao	2,041	2,059	2,171	2,064	2,843	1,887

### III. AGRICULTURE

#### 17. ESTIMATES OF AVERAGE YIELD OF RICE, RAGI, WHEAT AND BAJRA FOR THE YEARS 1979-80, 1980-81, AND 1981-82 (concl.)

(In Kgs.)

Crop/District/ Taluka	Average yield per hectare					
	1979-80		1980-81		1981-82	
	Kha- rif	Rabi	Kha- rif	Rabi	Kha- rif	Rabi
1	2	3	4	5	6	7
<b>DAMAN DISTRICT</b> ...	1,042	—	2,068	—	1,993	—
<b>BAGI:</b>						
<b>GOA DISTRICT</b> ...	1,020	—	1,278	—	1,456	—
<b>WHEAT:</b>						
<b>DAMAN DIS- TRICT</b> ...	—	1,355	—	2,270	—	1,882
<b>DIU DISTRICT</b> ...	—	1,153	—	2,410	—	1,900
<b>BAJRA:</b>						
<b>DIU DISTRICT</b> ...	1,597	—	1,555	—	1,704	—

Source: — Directorate of Agriculture, Panaji.

### III. AGRICULTURE

#### 18. PROGRESS UNDER SOIL CONSERVATION

Sl. No.	Description	1979-80	1980-81	1981-82
1	2	3	4	5
1.	Area protected by bunds (in hectares):			
	a) New construction ...	-	-	-
	b) Repairs ... ..	1,400	1,000	1,100
2.	Length—(in kms.):			
	a) New construction ...	-	-	-
	b) Repairs ... ..	29	20	20
3.	Expenditure—(Rs. in lakhs):			
	a) New construction ...	-	-	-
	b) Repairs ... ..	22.69	15.63	15.12
	c) Subsidies ... ..	2.07	2.27	2.02

Source: Directorate of Agriculture (Soil Conservation Division), Panaji.

### III. AGRICULTURE

#### 19. DISTRICTWISE NUMBER OF AGRICULTURAL IMPLEMENTS AND MACHINERY AS ON 15TH APRIL, 1982 (P)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Hand operated implements: —				
	i) Sprayers ... ..	522	67	-	589
	ii) Dusters ... ..	183	6	-	189
2.	Animal operated implements: —				
	i) Wooden ploughs ... ..	30,370	1,436	542	32,348
	ii) Steel ploughs ... ..	4,927	85	1	5,013
	iii) Discharrow ... ..	1,283	-	39	1,322
	iv) Cultivators (tri-phall) ... ..	6,139	-	20	6,159
	v) Seed drill ... ..	14	-	358	372
	vi) Levelling karah (leveller) ... ..	18,046	471	3	18,520
	vii) Wet land puddlers ... ..	1,641	-	-	1,641
	viii) Olpad threshers ... ..	52	-	-	52
	ix) Animal carts ... ..	861	848	116	1,825
3.	Plant protection equipment and engines etc: —				
	i) Power operated sprayers/dusters ... ..	128	8	-	136
	ii) Diesel engine pump sets ... ..	511	63	130	704
	iii) Electric pump sets ... ..	939	168	104	1,211

### III. AGRICULTURE

#### 19. DISTRICTWISE NUMBER OF AGRICULTURAL IMPLEMENTS AND MACHINERY AS ON 15TH APRIL, 1982 (P)

Sl. No	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
4.	Tractor, power and their implements: —				
	i) Power tillers for agricultural purpose	60	4	-	64
	ii) Tractors used for agricultural purpose	97	7	1	105
	iii) Mould board ploughs ... ..	113	7	1	121
	iv) Disc harrow ... ..	33	-	-	33
5.	Planters	103	-	-	103
6.	Levellers	485	283	1	769
7.	Combine harvesters: —				
	i) Tractor attached ...	7	-	-	7
	ii) Self propelled ...	1	-	-	1
8.	Other power operated equipments: —				
	i) Threshers (paddy)	16	-	-	16
	ii) Chaff cutters ...	5	-	-	5
	iii) Sugarcane crushers	3	-	-	3

Source: — Thirteenth Quinquennial Census of Livestock and Farm Equipment, 1982.

### III. AGRICULTURE

#### 20. ESTIMATED NUMBER AND AREA OF OPERATIONAL HOLDINGS IN GOA, DAMAN AND DIU — SIZECLASSWISE

Sl. No.	Size-class (hectares)	Number of holdings		Area Operated (in hectares)	
		1976-77 3	1980-81(P) 4	1976-77 5	1980-81(P) 6
1.	Below 0.5	41,646 (55)	46,549 (56)	13,185.19 (15)	10,989.56 (12)
2.	0.5 — 1.0	17,263 (23)	18,141 (22)	15,439.02 (18)	13,008.13 (14)
3.	1.0 — 2.0	9,652 (13)	11,044 (13)	16,147.20 (19)	15,463.64 (16)
4.	2.0 — 3.0	2,849 (4)	3,233 (4)	8,223.73 (10)	7,631.29 (8)
5.	3.0 — 4.0	1,383 (2)	1,223 (2)	5,460.10 (6)	4,123.74 (4)
6.	4.0 — 5.0	740 (1)	800 (1)	3,644.73 (4)	3,574.91 (4)
7.	5.0 — 7.5	873 (1)	628 (1)	6,342.11 (7)	3,698.71 (4)
8.	7.5 — 10.0	482 (1)	487 (1)	4,413.06 (5)	4,207.53 (4)
9.	10.0 — 20.0	345 (—)	331 (—)	5,881.97 (7)	5,727.45 (6)
10.	20.0 — 30.0	97 (—)	104 (—)	2,613.57 (3)	2,324.51 (2)
11.	30.0 — 40.0	23 (—)	48 (—)	821.77 (1)	1,678.33 (2)
12.	40.0 — 50.0	14 (—)	30 (—)	627.58 (1)	1,291.41 (1)
13.	50.0 & above	29 (—)	127 (—)	3,091.83 (4)	21,467.98 (23)
	<b>Total</b>	<b>75,396 (100)</b>	<b>82,745 (100)</b>	<b>85,891.86 (100)</b>	<b>95,187.41 (100)</b>

Note: — Figures in brackets are percentages to respective total.

Source: — Agricultural Census, 1976-77 & 1980-81.



### III. AGRICULTURE

#### 21. ESTIMATED NUMBER AND AREA OF OPERATIONAL HOLDINGS IN GOA DISTRICT— SIZECLASSWISE

Sl. No.	Size class (hectares)	Number of holdings		Area Operated (in hectares)	
		1976-77	1980-81(P)	1976-77	1980-81(P)
1	2	3	4	5	6
1.	Below 0.5	40,052 (55)	42,008 (56)	12,792.17 (15)	10,004.01 (11)
2.	0.5 — 1.0	16,781 (23)	16,877 (22)	15,071.47 (19)	12,084.39 (14)
3.	1.0 — 2.0	9,253 (13)	10,069 (13)	15,581.73 (19)	14,082.42 (16)
4.	2.0 — 3.0	2,599 (4)	2,925 (4)	7,603.54 (9)	6,824.68 (8)
5.	3.0 — 4.0	1,248 (2)	1,193 (2)	4,990.87 (6)	4,017.58 (4)
6.	4.0 — 5.0	673 (1)	774 (1)	3,341.74 (4)	3,460.37 (4)
7.	5.0 — 7.5	830 (1)	586 (1)	6,071.45 (7)	3,440.21 (4)
8.	7.5 — 10.0	463 (1)	487 (1)	4,261.55 (5)	4,207.63 (5)
9.	10.0 — 20.0	341 (—)	331 (—)	5,798.18 (7)	5,727.45 (6)
10.	20.0 — 30.0	97 (—)	104 (—)	2,613.57 (3)	2,324.53 (3)
11.	30.0 — 40.0	23 (—)	37 (—)	821.77 (1)	1,300.33 (1)
12.	40.0 — 50.0	14 (—)	30 (—)	627.58 (1)	1,291.41 (1)
13.	50.0 & above	29 (—)	116 (—)	3,091.83 (4)	20,891.21 (23)
	Total	72,403 (100)	75,537 (100)	82,667.45 (100)	89,656.32 (100)

Note: — Figures in brackets are percentages to respective total.

Source: — Agricultural Census, 1976-77 & 1980-81.

#### IV. ANIMAL HUSBANDRY

### 22. MISCELLANEOUS STATISTICS RELATING TO ANIMAL HUSBANDRY AND VETE- RINARY SERVICES

Sl. No.	Item	Unit	Year		
			1979-80	1980-81	1981-82
1	2	3	4	5	6
1.	Veterinary hospital ...	No.	-	-	1
2.	Veterinary dispensaries ...	"	13	15	14
3.	Veterinary surgeons and others ...	"	34	35	31
4.	Extension Officers ...	"	10	10	10
5.	Dressers ...	"	30	31	31
6.	Stockmen ...	"	110	118	117
7.	Poultry farms ...	"	1	1	1
	i) Poultry manager	"	1	1	1
	ii) Poultry attendants ...	"	7	7	7
	iii) Poultry assistants	"	2	2	2
8.	Key village scheme:—				
	i) Centre ...	"	1	1	1
	ii) Sub-centres ...	"	45	49	52
9.	Inoculations performed ...	No. (in '000')	557	476	939
10.	Castrations performed	No.	611	1,333	1,257
11.	Analysis & examinations ...	"	523	346	232

## IV. ANIMAL HUSBANDRY

### 22. MISCELLANEOUS STATISTICS RELATING TO ANIMAL HUSBANDRY AND VETE- RINARY SERVICES *(concl'd.)*

S. No.	Item	Unit	Year		
			1979-80	1980-81	1981-82
1	2	3	4	5	6
12. Cases treated:					
	i) Contagious diseases ... ..	No.	341	329	-
	ii) Non-contagious diseases ... ..	"	3,80,108	5,07,664	5,91,960
	Total ... ..	"	3,80,449	5,07,993	5,91,960
		No.			
	iii) In patients ... in '000')	"	89	71	91
	iv) Out patients ... ..	"	291	437	501
13	Milk distributed through Govt. dairies	Litres in lakhs	35.27	40.24	42.40
14	Amount of subsidy disbursed for: —				
	i) Poultry development ... ..	Rs. in lakhs	3.74	1.75	1.35
	ii) Piggery development ... ..	"	0.37	0.10	0.20
	iii) Cross bred calf ... ..	"	1.35	1.44	1.10

Note: — Data relate to Departmental activities only.

Source: — Directorate of Animal Husbandry and Veterinary Services, Panaji.

## IV. ANIMAL HUSBANDRY

### 23. DISTRICTWISE NUMBER OF LIVESTOCK AND POULTRY AS ON 15TH APRIL, 1982 (P)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
<b>A. Livestock</b>					
<b>1. Cattle</b>					
<b>a) Crossbred: —</b>					
<b>Males: —</b>					
	Under 1 year... ..	175	2	-	177
	1 to 2½ years ... ..	123	1	-	124
	Over 2½ years ... ..	156	3	-	159
	i) Castrated ... ..	60	-	-	60
	ii) Non castrated ... ..	76	3	-	79
	<b>Total males</b> ... ..	434	6	-	440
<b>Females: —</b>					
	Under 1 year ... ..	400	4	-	404
	1 to 2½ years ... ..	336	15	-	351
	Over 2½ years ... ..	1,084	7	-	1,091
	i) In milk ... ..	735	3	-	738
	ii) Dry ... ..	249	4	-	253
	iii) Not calved even once ... ..	100	-	-	100
	<b>Total females</b> ... ..	1,820	27	-	1,847
	<b>Total crossbred</b> ... ..	2,254	33	-	2,287

IV. ANIMAL HUSBANDRY

23. DISTRICTWISE NUMBER OF LIVESTOCK AND  
POULTRY AS ON 15TH APRIL, 1982 (P) (Cont.)

Sl. No.	Item	Cin	Danian	Div	Total
1	2	3	4	5	6
b) Indigenous					
Males: —					
	Under 1 year ...	6,226	284	91	6,611
	1 to 3 years ...	10,760	667	206	11,633
	Over 3 years ...	47,390	3,280	1,139	51,809
	i) Castrated ...	36,396	3,053	1,104	40,553
	ii) Non castrated ...	10,994	227	35	11,256
	Total males ...	64,376	4,241	1,436	70,053
Females: —					
	Under 1 year ...	8,547	448	120	9,115
	1 to 3 years ...	11,784	776	145	12,705
	Over 3 years ...	33,343	1,691	475	35,509
	i) In milk ...	11,968	688	234	12,888
	ii) Dry ...	17,983	882	232	19,097
	iii) Not calved even once ...	3,394	121	9	3,524
	Total females ...	53,674	2,915	740	57,329
	Total indigenous ...	1,18,050	7,156	2,176	1,27,382
	Total Cattle ...	1,20,364	7,189	2,176	1,29,669

#### IV. ANIMAL HUSBANDRY

### 23. DISTRICTWISE NUMBER OF LIVESTOCK AND POULTRY AS ON 15TH APRIL, 1982 (P) (Cont.)

Sl. No.	Item	G.O.R.	Daman	Diu	Total
1	2	3	4	5	6
<b>b) Indigenous</b>					
<b>Males: —</b>					
	Under 1 year ...	6,226	294	91	6,611
	1 to 3 years ...	10,760	667	206	11,633
	Over 3 years ...	47,390	3,280	1,139	51,809
	i) Castrated ...	36,396	3,053	1,104	40,553
	ii) Non castrated ...	10,994	227	35	11,256
	<b>Total males ...</b>	<b>64,376</b>	<b>4,241</b>	<b>1,436</b>	<b>70,053</b>
<b>Females: —</b>					
	Under 1 year ...	8,547	448	120	9,115
	1 to 3 years ...	11,784	776	145	12,705
	Over 3 years ...	33,343	1,691	475	35,509
	i) In milk ...	11,966	688	234	12,888
	ii) Dry ...	17,983	882	232	19,097
	iii) Not calved even once ...	3,394	121	9	3,524
	<b>Total females ...</b>	<b>53,674</b>	<b>2,915</b>	<b>740</b>	<b>57,329</b>
	<b>Total indigenous ...</b>	<b>1,18,050</b>	<b>7,156</b>	<b>2,176</b>	<b>1,27,382</b>
	<b>Total Cattle ...</b>	<b>1,20,304</b>	<b>7,189</b>	<b>2,176</b>	<b>1,29,669</b>

#### IV. ANIMAL HUSBANDRY

### 23. DISTRICTWISE NUMBER OF LIVESTOCK AND POULTRY AS ON 15TH APRIL, 1982 (P) (Cont.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
3.	Sheep ... ..	697	170	21	888
4.	Goats ... ..	22,704	3,434	1,255	27,393
5.	Horses and ponies ...	2	49	2	53
6.	Mules ... ..	-	-	-	-
7.	Donkeys ... ..	4	9	24	37
8.	Pigs ... ..				
	a) Crossbred/exotic: —				
	i) Males :	486	75	-	561
	ii) Females ...	466	163	-	629
	Total Crossbred/ exotic ... ..	952	238	-	1,190
	b) Indigenous: —				
	i) Males ... ..	36,777	25	7	36,809
	ii) Females ...	33,875	67	1	33,943
	Total Indigenous ...	70,652	92	8	70,752
	Total Pigs ... ..	71,604	330	8	71,942

#### IV. ANIMAL HUSBANDRY

### 33. DISTRICTWISE NUMBER OF LIVESTOCK AND POULTRY AS ON 15TH APRIL, 1982 (P) (Cont.)

Sl. No.	Item	Coa	Daman	Diu	Total
1	2	3	4	5	6
9.	<b>Dogs</b> ... ..	52,992	1,424	2,880	57,296
	<b>B. Poultry</b>				
10.	<b>Fowls</b>				
	i) Cocks:—				
	Desi ... ..	51,167	1,328	1,380	53,875
	Improved ... ..	14,903	3	-	14,906
	Total ... ..	66,070	1,331	1,380	68,781
	ii) Hens: —				
	Desi ... ..	1,69,152	8,813	6,527	1,84,492
	Improved ... ..	1,68,018	9	-	1,68,027
	Total ... ..	3,37,170	8,822	6,527	3,52,519
	iii) Chicken (below 5 months): —				
	Desi ... ..	1,30,949	8,551	4,898	1,44,398
	Improved ... ..	48,126	2	-	48,128
	Total ... ..	1,79,075	8,553	4,898	1,92,526
	<b>Total Fowls:—</b>				
	Desi ... ..	3,51,268	18,692	12,805	3,82,765
	Improved ... ..	2,31,047	14	-	2,31,061
	Total ... ..	5,82,315	18,706	12,805	6,13,826



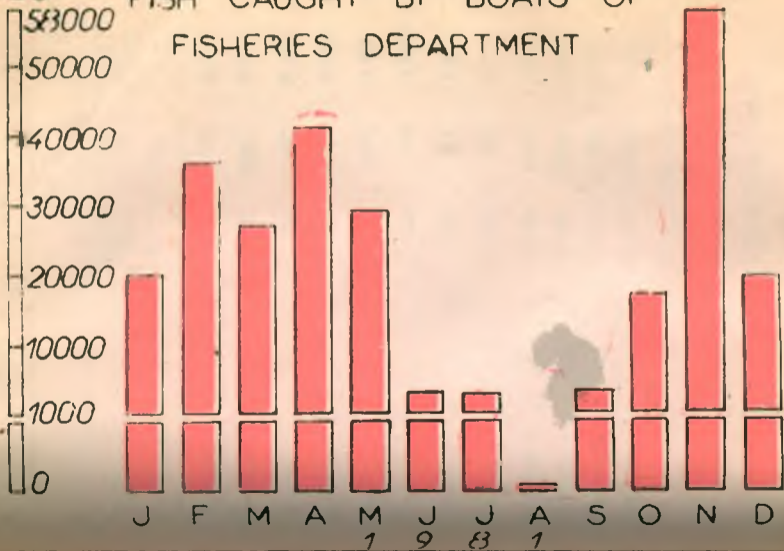
#### IV. ANIMAL HUSBANDRY

### 23. DISTRICTWISE NUMBER OF LIVESTOCK AND POULTRY AS ON 15TH APRIL, 1982 (P) (Contd.)

Sl. No	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
11.	Ducks ... ..	344	252	75	671
12.	Drakes ... ..	205	292	195	692
13.	Ducklings ... ..	24	119	112	255
14.	Others ... ..	120	16	12	148
	<b>Total Poultry ... ..</b>	<b>5,83,008</b>	<b>19,38</b>	<b>13,199</b>	<b>6,15,592</b>

Source: — Thirteenth Quinquennial Census of Livestock and Farm Equipment, 1982.

KGS FISH CAUGHT BY BOATS OF FISHERIES DEPARTMENT



## V. FISHERIES

### 24. QUANTITY OF FISH CAUGHT BY BOATS OF FISHERIES DEPARTMENT

Month	1980		1981(P)	
	Quan- tity in Kgs.	Value in Rs.	Quan- tity in Kgs.	Value in Rs.
1	2	3	4	5
January ... ..	23,277	17,918	20,008	14,681
February ... ..	18,772	10,054	36,017	31,337
March ... ..	656	461	27,010	11,828
April ... ..	5,804	3,637	40,983	13,064
May ... ..	10,575	8,779	28,914	18,608
June ... ..	837	256	3,815	1,834
July ... ..	856	165	2,710	2,168
August ... ..	963	371	52	2
September ... ..	18,680	6,631	4,102	3,320
October ... ..	32,769	20,621	17,264	8,085
November... ..	54,544	17,373	57,376	24,592
December... ..	18,448	12,372	19,820	14,440
Total ... ..	1,82,204	99,728	2,57,968	1,37,949

Source: — Directorate of Fisheries, Panaji.

V. FISHERIES

**25. MARINE FISH CATCH IN GOA  
BY VARIETY AND ITS VALUE**

(Quantity in tonnes and value in lakhs Rs.)

Sl. No.	Item	Year		
		1979	1980	1981(P)
1	2	3	4	5
<b>I. Mackerel:</b>				
	i) Quantity ...	4,370.20	2,446.20	4,566.50
	ii) Value ...	100.85	84.14	206.47
<b>II. Sardines:</b>				
	i) Quantity ...	12,867.70	8,616.70	11,705.00
	ii) Value ...	169.37	132.25	240.12
<b>III. Cat Fish:</b>				
	i) Quantity ...	636.70	1,151.40	495.30
	ii) Value ...	4.15	7.48	4.45
<b>IV. Shark:</b>				
	i) Quantity ...	163.60	126.50	172.50
	ii) Value ...	3.00	5.13	4.37
<b>V. Seer Fish:</b>				
	i) Quantity ...	424.40	735.20	305.10
	ii) Value ...	18.45	30.65	36.61
<b>VI. Prawns:</b>				
	i) Quantity ...	2,016.80	1,855.20	2,109.10
	ii) Value ...	191.20	191.80	373.09
<b>VII. Others:</b>				
	i) Quantity ...	6,117.20	9,359.80	11,055.20
	ii) Value ...	76.46	217.33	161.77
<b>Total:</b>				
	i) Quantity ...	28,506.60	24,490.00	31,408.70
	ii) Value ...	563.47	658.78	1,025.88

Source: — Directorate of Fisheries, Panaji.

## V. FISHERIES

### 26. DISPOSAL OF FISH CAUGHT

(Quantity in tonnes)

Sl. No.	Method of disposal	1979	1980	1981(P)
1	2	3	4	5
1.	Marketed fresh ... ..	24,518.6	22,971.6	26,082.2
2.	Sun dried ... ..	703.3	500.5	909.6
3.	Salted ... ..	1,244.0	904.7	1,222.3
4.	Miscellaneous including Mauure ... ..	130.7	113.2	3,194.6
	Total ... ..	26,596.6	24,490.0	31,408.7

Source: — Directorate of Fisheries, Panaji.

## V. FISHERIES

### 27. DISTRICTWISE NUMBER OF FISHING CRAFTS AND GEARS AS ON 15TH APRIL, 1982 (P)

No. Sl.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6

#### 1. Fishing Crafts: —

##### a) Mechanised boats:—

i) Gill netters ... ..	207	195	136	538
ii) Trawlers ... ..	271	11	152	434
iii) Liners ... ..	24	1	-	25
iv) Others ... ..	29	3	40	72
Total ... ..	531	210	328	1,069

## V. FISHERIES

### 27. DISTRICTWISE NUMBER OF FISHING CRAFTS AND GEARS AS ON 15TH APRIL, 1982 (P) (Concl'd.)

No. Sl.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
b) Non-mechanised boats: —					
	i) Beach seine boats ... ..	174	65	-	239
	ii) Plank built boats ... ..	760	20	6	786
	iii) Dugs out can-Loes ... ..	1,150	37	188	1,375
	iv) Catamarans ... ..	22	-	-	22
	v) Others ... ..	19	4	-	23
	Total ... ..	2,126	126	194	2,446
2 Fishing gears: —					
	i) Drag nets ... ..	531	78	34	633
	ii) Gill nets ... ..	3,795	15,873	17,326	36,993
	iii) Trawl nets ... ..	712	137	486	1,335
	iv) Cast nets ... ..	707	73	50	830
	v) Trap ... ..	274	2	311	587
	vi) Shore seines ... ..	292	2	104	398
	vii) Spawn collecting nets ... ..	141	212	98	451
	viii) Others ... ..	800	272	1,211	2,292

Source: — Thirteenth Quinquennial Census of Livestock and Farm Equipment, 1982.

## VI. FORESTS

### 28. OUT-TURN OF FOREST PRODUCTS

Sl. No.	Item	Year		
		1979-80	1980-81	1981-82 (P)
1	2	3	4	5
1. Timber in cubic metres:				
	1st class ... ..	392	N. A.	N. A.
	2nd class ... ..	10,077	N. A.	N. A.
	3rd class ... ..	6,379	N. A.	N. A.
	Total ... ..	16,848	12,555	2,842°
2.	Firewood in cubic metres	1,24,578	94,332	30,194
3.	Poles (number) ... ..	29,862	22,860	16,480
4.	Total value realised (Rs. '000') ... ..	21,689	19,689	7,006

\* Due to enforcement of Forest Conservation Act felling of trees was reduced considerably.

Source: — Conservator of Forests, Panaji.

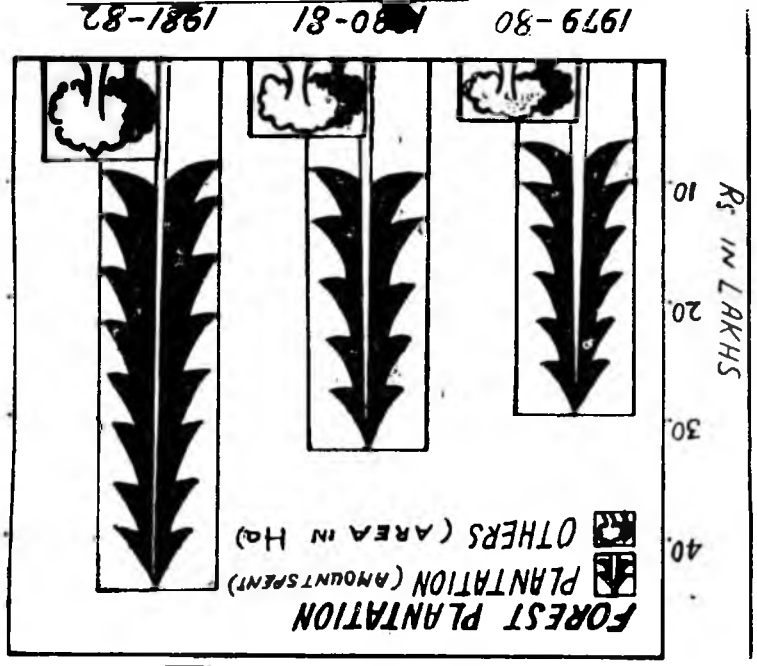
## VI. FORESTS

### 29. FOREST PLANTATION

Sl. No.	Item	Year		
		1979-80	1980-81	1981-83 (P)
1	2	3	4	5
1.	Amount spent for plan- tion work (Rs. '000) ...	2,968	3,284	4,477
2.	Additional area brought under plantation (in hectares):			
	i) Eucalyptus ... ..	79	-	57
	ii) Teak ... ..	350	334	220
	iii) Rubber ... ..	28	51	50
	iv) Cashew ... ..	13	-	128
	v) Casuarina ... ..	20	6	6
	vi) Cocoa ... ..	-	-	-
	vii) Bamboo ... ..	5	18	18
	viii) Others ... ..	-	252	334
	Total ... ..	495	661	813
3.	Area worked under the system of clear-felling (in hectares) ...	N.A.	561	61

Source:— Conservator of Forests, Panaji.





1979-80 1980-81 1981-82

Rs IN LAKHS  
 10  
 20  
 30  
 40

## VI. FORESTS

### 30. OUT-TURN OF MINOR FOREST PRODUCE AND VALUE REALISED

Sl. No.	District	Name of the Minor forest produce	Unit	1980-81		1981-82	
				Quantity	Value (Rs.)	Quantity	Value (Rs.)
1	2	3	4	5	6	7	8
1.	Goa	1) Canes ...	No. (in '000')	62	N.A.	16	15,957
		2) Shikakai pods ...	Kgs.	162	N.A.	N. A.	13,333
		3) Shembi creeper barks ...	Kgs.	-	-	-	-
		4) Grass ...	Tonnes	9	N.A.	N. A.	4,075
		5) Beedi Lea- ves ...	Bundles of leaves	-	-	-	-
		6) Others ...	Kgs.	54	N. A.	N. A.	4,333

Source: — Conservator of Forests, Panaji.

## VII. MANUFACTURING INDUSTRIES

### 31. SALIENT FEATURES OF INDUSTRIES IN GOA

Sl. No.	Item	Unit	Year		
			1976	1977	1978 (R)
1	2	3	4	5	6
1.	No. of factories covered ... ..	No.	129	149	178
2.	Productive capital ...	Rs. in lakhs	10,296.08	10,901.48	11,556.32
	a) Fixed capital ...	>	8,598.53	8,755.20	8,647.03
	b) Working capital	>	1,696.44	2,146.26	2,909.29
3.	Workers employed...	No.	8,361	9,266	9,841
4.	Other persons employed ... ..	>	2,464	3,088	3,051
5.	Man hours worked	'000'	26,656	27,164	29,423
6.	Wages, salaries and other benefits ...	Rs. in lakhs	715.48	792.31	901.85
7.	Total value of inputs	>	5,121.64	5,997.94	10,896.40
	a) Fuel consumed...	>	964.41	888.17	968.55
	b) Material consumed ... ..	>	6,312.57	4,867.23	7,882.02
	c) Work done by other concerned	>	125.00	200.19	242.89
	d) Purchase value of goods sold in the same condition as purchased	>	52.91	131.60	140.11
	e) Depreciation ...	>	709.05	789.62	827.87
	f) Other expenses ...	>	967.70	1,171.13	834.86

## VII. MANUFACTURING INDUSTRIES

### 31. SALIENT FEATURES OF INDUSTRIES IN GOA

Sl. No.	Item	Unit	Year		
			1976	1977	1978 (R)
1	2	3	4	5	6
8.	Ex-factory net selling value of products and by products ... ..	Rs. in lakhs	9,608.38	10,247.08	12,983.73
9.	Gross output ... *		10,480.28	11,323.72	14,288.42
10.	Value added by manufacture ... ..	*	1,358.64	1,835.78	3,392.02

Source: — Annual Survey of Industries

**VII. MANUFACTURING INDUSTRIES**  
**32. INDEX OF INDUSTRIAL PRODUCTION**  
**IN GOA**

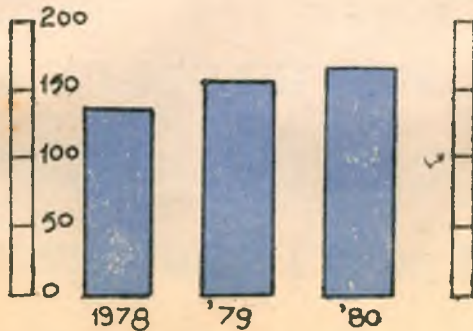
(Yearwise Index from 1978 to 1980)

Base: 1975 = 100

Sl. No.	Item of Products	1975 (weight)	1978	1979	1980
1	2	3	4	5	6
1.	Canned fish ...	0.33	1.50	0.36	0.43
2.	Canned fruits ...	0.08	0.11	0.04	0.03
3.	Flour ...	0.70	0.85	0.81	0.34
4.	Cashew Kernels ...	2.38	2.19	2.16	2.52
5.	Beer ...	0.45	0.78	0.96	7.96
6.	Bottled Sweet Water ...	0.72	0.24	0.65	0.73
7.	Soda Water ...	0.09	0.39	0.43	0.43
8.	Cotton Yarn ...	1.37	2.06	1.11	2.34
9.	Nylon Fishnet ...	0.13	0.30	0.31	0.63
10.	Sawn Planks ...	0.13	0.03	0.04	0.04
11.	News papers ...	1.26	1.38	1.52	1.58
12.	Giant Tyres ...	25.06	30.45	34.90	37.34
13.	Animal drawn vehicles tyres ...	0.38	0.68	-	0.17
14.	Camel Back ...	0.21	0.30	0.22	0.24
15.	P. V. C. & plastic sandals ...	0.20	0.20	0.18	0.06
16.	Plastic bottles ...	0.12	1.11	1.38	0.93
17.	Spectacle frame ...	0.23	0.18	0.18	0.30
18.	Potassium Permanganate ...	1.46	3.75	3.51	2.38
19.	Oxygen Gas ...	0.06	0.80	0.96	1.22
20.	Fungicide (solid)	0.07	-	-	-
21.	Fungicide (liquid)	0.09	-	-	-
22.	Pesticides Formation (liquid) ...	19.36	38.58	51.67	35.27
23.	Urea ...	27.12	21.46	37.90	18.50
24.	Phosphatic fertilizer (P <sub>2</sub> O <sub>5</sub> content)	0.11	0.30	0.23	0.09

# INDEX OF INDUSTRIAL PRODUCTION IN GOA

Base 1975 = 100



## VII. MANUFACTURING INDUSTRIES

### 32. INDEX OF INDUSTRIAL PRODUCTION IN GOA

(Yearwise Index from 1978 to 1980)

Base: 1975 = 100

Sl. No.	Item of Products	1975 (weight)	1978	1979	1980
1	2	3	4	5	6
25.	Ready and Mixed paints (liquid) ...	0.11	0.07	0.09	0.17
26.	Pharmaceutical products (liquid)	0.80	1.54	1.68	2.80
27.	Tablets ...	0.96	4.35	1.88	5.83
28.	Surgical Cotton ...	0.68	1.02	0.87	1.21
29.	Antibiotic drugs (in vials) ...	0.19	-	-	-
30.	Cosmetic Lotion	0.26	0.46	0.70	0.40
31.	Non-Ceramic Tiles (except roofing tiles) ...	0.18	0.25	0.25	0.25
32.	Posts & Poles ...	0.20	0.12	-	-
34.	Ordinary Wick Stove ...	0.06	0.11	0.09	0.05
35.	Fabricated structurals ...	0.39	0.59	1.60	15.57
36.	Rolling Shutters	0.08	0.05	0.08	0.05
37.	Barges ...	4.12	1.03	1.03	18.54
38.	Ore Carriers ...	7.97	0.66	-	-
39.	Dredger ...	0.68	0.68	-	-
40.	Bus body building ...	0.27	0.03	0.10	0.02
41.	Truck, Van, Pick-up body building	0.49	1.26	2.17	3.04
42.	Carbon papers ...	0.22	0.16	0.15	0.04
43.	Typewriter ribbons ...	0.08	0.13	0.17	0.08
44.	Ice ...	0.05	0.09	0.15	0.14
General Index of Industrial production ...		100.00	130.24	150.56	161.77

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

## VII. MANUFACTURING INDUSTRIES

### 33. INDEX OF INDUSTRIAL PRODUCTION IN GOA (Quarterwise for the Year 1980)

Base: 1975=100

Sl. No.	Items of Products	1975 (Weight)	1980				Average
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
1	2	3	4	5	6	7	8
1.	Canned fish ...	0.33	0.48	0.27	0.28	0.67	0.43
2.	Canned fruits ...	0.06	-	0.12	0.01	-	0.03
3.	Flour ...	0.70	0.01	0.25	0.53	0.55	0.34
4.	Cashew Kernels	2.38	1.64	2.17	3.12	3.14	2.52
5.	Beer ...	0.45	9.46	8.96	5.36	8.07	7.96
6.	Bottled Sweet water ...	0.72	0.68	1.04	0.40	0.78	0.73
7.	Soda water ...	0.09	0.45	0.53	0.39	0.45	0.43
8.	Cotton yarn ...	1.37	2.60	1.47	2.59	2.70	2.34
9.	Nylon fishnet ...	0.13	0.54	0.58	0.66	0.74	0.63
10.	Sawn planks ...	0.13	0.06	0.04	0.03	0.03	0.04
11.	Newspapers ...	1.26	1.68	1.59	1.56	1.51	1.53
12.	Giant tyres	25.06	41.10	31.83	40.10	36.34	37.34
13.	Animal drawn vehicles tyres ...	0.38	-	-	0.23	0.45	0.17
14.	Camel back ...	0.21	0.20	0.18	0.35	0.22	0.24
15.	P. V. C. & plastic sandals ...	0.30	0.12	0.06	0.04	0.01	0.06
16.	Plastic bottles ...	0.12	1.54	0.75	0.51	0.93	0.93
17.	Spectacle frame	0.23	0.29	0.34	0.27	0.29	0.30
18.	Potassium permagnet ...	1.46	1.65	0.99	3.47	3.40	2.38
19.	Oxygen gas ...	0.05	1.15	1.19	1.23	1.35	1.22
20.	Fungicide (solid)	0.07	-	-	-	-	-
21.	Fungicide (liquid)	0.09	-	-	-	-	-
22.	Pesticides formation (liquid) ...	19.35	49.73	29.41	38.70	23.22	35.27
23.	Urea ...	27.12	40.68	29.29	4.07	-	18.60



## VII. MANUFACTURING INDUSTRIES

### 33. INDEX OF INDUSTRIAL PRODUCTION IN GOA (Quarterwise for the year 1980)

Base: 1975=100

Sl. No.	Items of Products	1975 (Weight)	1980				Average
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
1	2	3	4	5	6	7	8
24.	Phosphatic fertilizer (P <sub>2</sub> O <sub>5</sub> content) ...	0.11	0.37	0.00	-	-	0.09
25.	Ready made mixed paints ...	0.11	0.20	0.20	0.17	0.09	0.17
26.	Pharmaceutical products (liquid)	0.80	1.69	3.46	4.06	1.98	2.80
27.	Tablets ...	0.95	5.17	5.75	7.43	4.96	5.83
28.	Surgical cotton...	0.68	1.14	1.23	1.48	1.00	1.21
29.	Antibiotic drugs (in vials) ...	0.19	-	-	-	-	-
30.	Cosmetic (lotion)	0.26	0.49	0.42	0.42	0.27	0.40
31.	Non ceramic tiles	0.18	0.23	0.31	0.21	0.25	0.25
32.	Tiles (except roofing tiles) ...	0.13	0.04	0.04	0.04	0.04	0.04
33.	Posts & poles ...	0.20	-	-	-	-	-
34.	Ordinary wick stove ...	0.06	0.00	0.04	0.04	0.06	0.05
35.	Fabricated structures ...	0.39	3.49	22.91	14.90	21.02	15.57

## VII. MANUFACTURING INDUSTRIES

### 33. INDEX OF INDUSTRIAL PRODUCTION IN GOA (Quarterwise for the year 1980)

Base: 1975=100

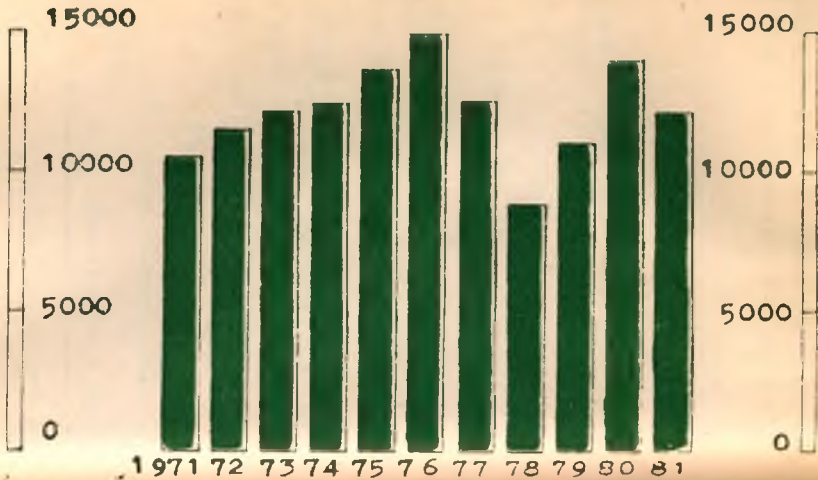
Sl. No.	Items of Products	1975 (Weight)	1980				Average
			1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
			4	5	6	7	
1	2	3	4	5	6	7	8
36.	Rolling Shutters	0.08	0.06	0.10	0.04	0.05	0.04
37.	Barges ... ..	4.12	16.48	16.48	12.36	28.84	18.54
38.	Ore carriers ... ..	7.97	-	-	-	-	-
39.	Dredgers ... ..	0.68	-	-	-	-	-
40.	Bus body building ... ..	0.27	0.04	-	-	0.04	0.04
41.	Truck, Van, pick-up body building	0.49	3.88	0.94	4.10	3.25	3.04
42.	Carbon papers ... ..	0.22	0.05	0.05	0.02	0.04	0.04
43.	Typewriter ribbons ... ..	0.08	0.15	0.06	0.08	0.02	0.08
44.	Ice ... ..	0.05	0.15	0.14	0.08	0.21	0.14
General Index of Industrial Production ...		100.00	187.69	163.19	119.24	146.97	161.7

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

# QUANTITY OF MINERAL PRODUCTION

In '000 Tonnes

In '000 Tonnes



## VIII. MINERAL PRODUCTION

### 34. QUANTITY OF MINERAL PRODUCTION

(In '000' tonnes)

Year	Iron ore	Manganese ore	Ferro-manganese/ferrogenous-manganese ore	Bauxite	All minerals
1	2	3	4	5	6
1976 ... ..	14,795	3	89	-	14,887
1977 ... ..	12,459	3	77	-	12,539
1978 ... ..	8,759	5	59	-	8,823
1979 ... ..	10,389	7	57	9	11,062
1980 ... ..	13,805	5	83	18	13,921
1981 ... ..	11,951	4	113	30	12,098

Source: — Directorate of Industries and Mines, Panaji.

## VIII. MINERAL PRODUCTION

### 32. INDEX OF MINERAL PRODUCTION IN GOA

Base: 1975=100

Sl. No.	Item of Production	1975 (Weights)	1976	1977	1978	1979	1980
1	2	3	4	5	6	7	8
1.	Bauxite *	0.00	-	-	-	-	-
2.	Iron Ore	97.72	96.77	93.89	69.12	97.44	103.75
3.	Manganeses ore	2.18	50.34	58.16	41.91	56.03	52.52
4.	Moulding sand	0.10	119.91	103.99	87.68	136.54	160.72
5.	General Index	100.00	95.78	93.12	68.54	96.87	102.69

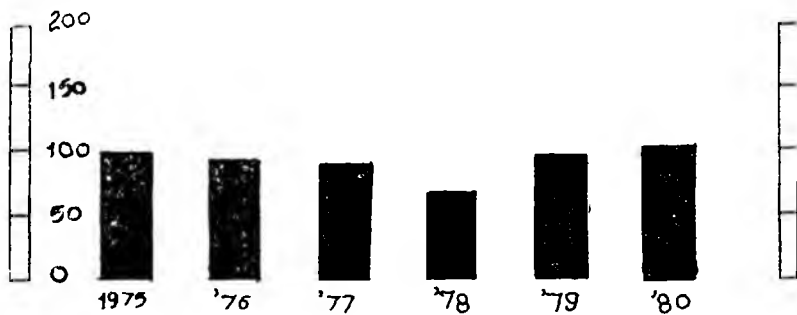
\* The index on Bauxite is not calculated as the production was negligible in the base year.

Source 1) The Indian Bureau of Mines, Nagpur.

2) Directorate of Planning, Statistics & Evaluation, Panaji.

# INDEX OF MINERAL PRODUCTION IN GOA

Base 1975 = 100



## IX. ELECTRICITY

### 36. NUMBER OF TOWNS AND VILLAGES ELECTRIFIED AS ON 31ST MARCH, 1982

Item	District			Total
	Goa	Daman	Diu	
1	2	3	4	5
1 Total number of census villages as per 1981 census ... ..	386	21	5	412
Total number of census villages electrified as on 31-3-82 ...	357	21	4	382
3 Total number of villages electrified during 1981-82 ... ..	6	-	-	6
4 Total number of towns as per 1981 census ... ..	15	1	1	17
5 Total number of towns electrified ... ..	15	1	1	17

Source: — Office of the Chief Electrical Engineer, Panaji.

**37. TALUKAWISE NUMBER OF INHABITED  
VARIOUS POPULATION GROUPS**

District/Taluka	Population					
	Below 500		500—999		1,000—1,999	
	Total	Elec- trified	Total	Elec- trified	Total	Elec- trified
1	2	3	4	5	6	7
<b>GOA, DAMAN AND DIU ...</b>	125	103	59	54	103	100
<b>GOA DISTRICT</b> .....	116	95	57	52	96	93
Tiswadi ... ..	10	10	1	1	7	7
Bardez ... ..	3	3	6	6	9	9
Pernem ... ..	3	3	8	8	7	7
Bicholim ... ..	2	2	3	3	10	10
Satari ... ..	52	40	15	11	9	9
Ponda ... ..	2	2	4	4	8	8
Sanguem ... ..	17	11	12	11	11	9
Canacona ... ..	-	-	-	-	1	-
Quepem ... ..	19	16	3	3	12	12
Salcete ... ..	5	5	6	5	16	16
Mormugao ... ..	3	3	-	-	6	6
<b>DAMAN DISTRICT</b>	7	7	2	2	7	7
Daman ... ..	7	7	2	2	7	7
<b>DIU DISTRICT</b> ...	2	1	-	-	-	-
Diu ... ..	2	1	-	-	-	-

Note:— Populationwise classification of the villages  
Source:— Office of the Chief Electrical Engineer, Panaji



ICITY

**VILLAGES AND THOSE ELECTRIFIED IN  
S ON 31ST MARCH, 1982**

Groups						Total number of census villages	Total number of villages electrified
,000—4,999		5,000—9,999		10,000 and above			
Total	Elec- trified	Total	Elec- trified	Total	Elec- trified	14	15
8	9	10	11	12	13		
90	80	34	34	1	1	412	382
85	85	31	31	1	1	386	357
9	9	1	1	-	-	28	28
	17	6	6	-	-	41	41
	6	3	3	-	-	27	27
9	9	4	4	-	-	28	28
1	1	-	-	-	-	77	61
11	11	5	5	1	1	31	31
8	8	-	-	-	-	48	39
4	4	3	3	-	-	8	7
4	4	1	1	-	-	39	36
14	14	6	6	-	-	46	46
2	2	2	2	-	-	13	13
5	5	-	-	-	-	21	21
5	5	-	-	-	-	21	21
-	-	3	3	-	-	5	4
-	-	3	3	-	-	5	4

None as per 1981 census.

### 38. YEARWISE TOTAL NUMBER OF INHABITED VILLAGES IN VARIOUS POPULATION GROUPS

Year	Population						
	Below 500		500-999		1,000-1,999		
	Total	Elec- trified	Total	Elec- trified	Total	Elec- trified	
1	2	3	4	5	6	7	
Pre-Liberation	...	131	-	76	-	79	-
1963-64	...	...	>	-	>	-	>
1964-65	...	...	>	-	>	-	>
1965-66	...	...	>	1	>	-	>
1966-67	...	...	>	1	>	1	>
1967-68	...	...	>	3	>	-	>
1968-69	...	...	>	1	>	1	>
1969-70	...	...	>	2	>	9	>
1970-71	...	...	>	4	>	6	>
1971-72	...	...	>	2	>	6	>
1972-73	...	...	>	2	>	7	>
1973-74	...	...	>	10	>	10	>
1974-75	...	...	>	22	>	16	>
1975-76	...	...	>	23	>	9	>
1976-77	...	...	>	4	>	5	>
1977-78	...	...	>	4	>	2	>
1978-79	...	...	>	4	>	1	>
1979-80	...	...	>	3	>	-	>
1980-81	...	...	>	9	>	1	>
1981-82 *	...	...	116	6	57	-	96

\* Populationwise classification of the villages is done on villages electrified varies from those for 1981 due to Towns.

Source: — Office of the Chief Electrical Engineer, Par

TRICITY

VILLAGES AND THOSE ELECTRIFIED IN  
FOR GOA DISTRICT

Groups						Total number of census villages	Total number of villages electrified
2,000—4,999		5,000—9,999		10,000 and above			
Total	Elec- trified	Total	Elec- trified	Total	Elec- trified		
8	9	10	11	12	13	14	15
73	1	22	2	2	-	383	3
>	1	>	-	>	-	>	1
>	-	>	-	>	-	>	-
>	2	>	2	>	1	>	6
>	5	>	1	>	-	>	11
>	4	>	4	>	-	>	13
>	2	>	1	>	-	>	10
>	15	>	6	>	-	>	42
>	7	>	3	>	1	>	25
>	12	>	1	>	-	>	32
>	8	>	1	>	-	>	35
>	6	>	-	>	-	>	43
>	7	>	1	>	-	>	58
>	3	>	-	>	-	>	38
>	1	>	-	>	-	>	10
>	-	>	-	>	-	>	7
>	-	>	-	>	-	>	5
>	-	>	-	>	-	>	4
>	-	>	-	>	-	>	13
95	-	31	-	1	-	386	6

per 1981 census As such the yearwise presentation of data  
merely to reclassification of villages into separate villages/

### 39. YEARWISE TOTAL NUMBER OF INHABITED VARIOUS POPULATION GROUPS

Year	Population					
	Below 500		500-999		1,000-1,999	
	Total	Elec-trified	Total	Elec-trified	Total	Elec-trified
1	2	3	4	5	6	7
Pre-Liberation ...	8	-	5	-	6	-
1963-64 ...	>	-	>	-	>	-
1964-65 ...	>	-	>	-	>	-
1965-66 ...	>	-	>	1	>	2
1966-67 ...	>	-	>	-	>	-
1967-68 ...	>	-	>	2	>	2
1968-69 ...	>	4	>	1	>	2
1969-70 ...	>	1	>	-	>	-
1970-71 ...	>	2	>	1	>	-
1971-72 ...	>	1	>	-	>	-
1972-73 ...	>	-	>	-	>	-
1973-74 ...	>	-	>	-	>	-
1974-75 ...	>	-	>	-	>	-
1975-76 ...	>	-	>	-	>	-
1976-77 ...	>	-	>	-	>	-
1977-78 ...	>	-	<	-	>	-
1978-79 ...	>	-	<	-	>	-
1979-80 ...	>	-	>	-	>	-
1980-81 ...	>	-	>	-	>	-
1981-82 * ...	7	-	2	-	7	-

\* Populationwise classification of the villages is done  
 Source: -- Office of the Chief Electrical Engineer, Panaji.

IRICITY

VILLAGES AND THOSE ELECTRIFIED IN  
FOR DAMAN DISTRICT

Groups						Total number of census villages	Total number of villages electrified
2,000—4,999		5,000—9,999		10,000 and above			
Total	Elec- trified	Total	Elec- trified	Total	Elec- trified	14	15
8	9	10	11	12	13		
2	-	-	-	-	-	21	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	3
>	1	-	-	-	-	>	6
>	1	-	-	-	-	>	8
>	-	-	-	-	-	>	1
>	-	-	-	-	-	>	3
>	-	-	-	-	-	>	1
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
>	-	-	-	-	-	>	-
5	-	-	-	-	-	21	-

as per 1981 census.

#### 40. YEARWISE TOTAL NUMBER OF INHABITED VARIOUS POPULATION GROUPS

Year	Population,					
	Below 500		500—999		1,000—1,999	
	Total	Elec- trified	Total	Elec- trified	Total	Elec- trified
1	2	3	4	5	6	7
Pre-Liberation	1	-	1	-	-	-
1963-64	...	...	»	-	»	-
1964-65	...	...	»	-	»	-
1965-66	...	...	»	-	»	-
1966-67	...	...	»	-	»	-
1967-68	...	...	»	-	»	-
1968-69	...	...	»	-	»	-
1969-70	...	...	»	-	»	-
1970-71	...	...	»	-	»	-
1971-72	...	...	»	-	»	-
1972-73	...	...	»	-	»	-
1973-74	...	...	»	-	»	-
1974-75	...	...	»	-	»	-
1975-76	...	...	»	-	»	-
1976-77	...	...	»	-	»	-
1977-78	...	...	»	-	»	-
1978-79	...	...	»	-	»	-
1979-80	...	...	»	-	»	-
1980-81	...	...	»	-	»	-
1981-82*	...	...	2	-	-	-

\* Populationwise classification of the villages is done

Source: — Office of the Chief Electrical Engineer, Panaji

TRICITY

**VILLAGES AND THOSE ELECTRIFIED IN  
FOR DIU DISTRICT**

Groups						Total number of census villages	Total number of villages electrified
2,000—4,999		5,000—9,999		10,000 and above			
Total	Elec- trified	Total	Elec- trified	Total	Elec- trified		
8	9	10	11	12	13	14	15
2	-	1	-	-	-	5	-
>	-	>	-	-	-	>	-
>	-	>	1	-	-	>	1
>	1	>	-	-	-	>	2
>	-	>	-	-	-	>	-
>	1	>	-	-	-	>	1
>	-	>	-	-	-	>	-
>	-	>	-	-	-	>	-
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>	-	>	-	-	-	>	-
>	-	>	-	-	-	>	-
>	-	>	-	-	-	>	-
-	-	3	-	-	-	5	-

as per 1981 census.

## IX. ELECTRICITY

### 41. INSTALLED CAPACITY

				(In KVA)
Year	Diesel	(a) Hydro	Total	
1	2	3	4	
1972-73	...	—	93,940	93,940
1973-74	...	—	93,940	93,940
1974-75	...	—	93,940	93,940
1975-76	...	—	93,940	93,940
1976-77	...	—	93,940	93,940
1977-78	...	—	93,940	93,940
1978-79	...	—	93,940	93,940
1979-80	...	—	93,940	93,940
1980-81	...	—	93,940	93,940
1981-82	...	—	93,940	93,940

(a) The bulk purchases are from Karnataka, Maharashtra and Gujarat States. There is no generation in Goa, Daman and Diu. The figures indicate total installed capacity of power, transformers for distribution of bulk power received from neighbouring States.

Source: — Office of the Chief Electrical Engineer, Panaji



## IX. ELECTRICITY

### 42. DISTRICTWISE CONTRACT DEMAND AND MAXIMUM DEMAND RECORDED, 1981-82

\ Item	Unit	District			Total
		Goa Daman Diu			
		3	4	5	
1	2	3	4	5	6
<b>I Contract demand:</b>					
i) Karnataka (110KV)	MW	59	-	-	59
ii) Maharashtra (220KV)	MW	23	-	-	23
iii) Maharashtra (33KV)	MVA	4	-	-	4
iv) Gujarat (11KV)	MVA	-	2.7	1.3	4
<b>II Maximum demand Recorded:</b>					
i) Karnataka (110KV)	MW	61.8	-	-	61.8
ii) Maharashtra (220KV)	MW	40.4	-	-	40.4
iii) Maharashtra (38KV)	MVA	5	-	-	5
iv) Gujarat (11KV)	MVA	-	1.7	1.3	3

Source: — Office of the Chief Electrical Engineer, Panaji.

## IX. ELECTRICITY

### 43. ENERGY PURCHASED AND SOLD, DISTRICTWISE

(In lakhs Kwh)

District	1979-80	1980-81	1981-82
1	2	3	4
<b>(a) Electricity purchased:</b>			
Goa ... ..	3,325.0	3,399.15	2,824.89
Daman ... ..	60.8	66.70	75.21
Diu ... ..	22.5	24.70	30.11
<b>Total</b> ...	<b>3,408.3</b>	<b>3,480.55</b>	<b>2,930.21</b>
<b>(b) Electricity sold:</b>			
Goa ... ..	2,520.80	2,457.93	N. A.
Daman ... ..	38.20	43.70	N. A.
Diu ... ..	15.30	18.16	N. A.
<b>Total</b> ...	<b>2,574.30</b>	<b>2,519.79</b>	<b>N. A.</b>

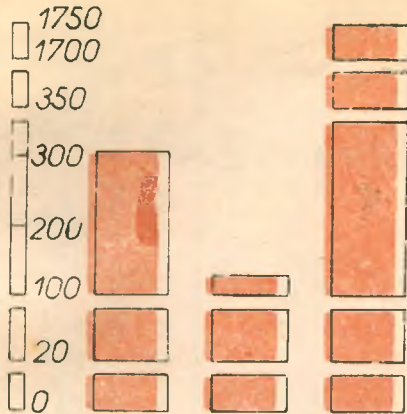
**Note:** — 1. No electricity is generated in the Union Territory of Goa, Daman and Diu.

2. The Union Territory of Goa, Daman and Diu purchases electricity from Karnataka and Maharashtra State Electricity Boards for supplying energy to Goa and from Gujarat Electricity Board for supplying energy to Daman and Diu areas.

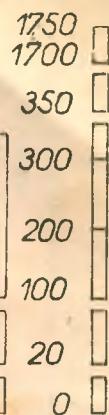
**Source:** — Office of the Chief Electrical Engineer, Panaji

# ELECTRICITY CONSUMED DURING THE YEAR 1980-81

IN LAKHS KWH



IN LAKHS KWH



Domestic Commercial Industrial Irrigation Others

## IX. ELECTRICITY

## 14. DISTRICTWISE CONSUMPTION OF ELECTRICITY

(In lakhs Kwh)

Item/Year	District			Total
	Goa	Daman	Diu	
1	2	3	4	5
<b>Domestic:</b>				
1978-79 ... ..	218.10	11.50	5.30	234.90
1979-80 ... ..	248.00	11.90	6.00	265.90
1980-81 ... ..	278.83	13.41	6.81	299.05
<b>Commercial:</b>				
1978-79 ... ..	106.00	4.00	1.30	111.30
1979-80 ... ..	104.80	4.50	1.40	110.70
1980-81 ... ..	113.40	4.42	1.49	119.31
<b>Industrial:</b>				
1978-79 ... ..	1,065.50	17.40	3.40	1,086.30
1979-80 ... ..	1,836.90	17.70	3.30	1,857.90
1980-81 ... ..	1,719.43	21.71	4.83	1,745.97
<b>Irrigation:</b>				
1978-79 ... ..	20.10	1.60	1.70	23.40
1979-80 ... ..	17.30	1.50	1.80	20.60
1980-81 ... ..	19.85	1.36	1.91	23.12
<b>Others (public lighting, water works, non-industrial and miscellaneous):</b>				
1978-79 ... ..	303.80	2.50	2.90	309.20
1979-80 ... ..	313.80	2.60	2.80	319.20
1980-81 ... ..	326.42	2.80	3.12	332.34
<b>Total:</b>				
1978-79 ... ..	1,713.50	37.00	14.60	1,765.10
1979-80 ... ..	2,520.80	38.20	15.30	2,574.30
1980-81 ... ..	2,457.93	43.70	18.16	2,519.79

Source: — Office of the Chief Electrical Engineer, Panaji.

## X. WATER SUPPLY

### 45. CENTERWISE ANNUAL CONSUMPTION OF WATER

Centre	Year	Total number of con- sumers	Total water con- sumed in m <sup>3</sup>	Average per day in m <sup>3</sup>
1	2	3	4	5
Panaji	1979-80 ...	7,488	32,61,436	8,935
	1980-81 ...	7,806	46,85,061	12,836
	1981-82 ...	9,213	46,85,061	12,836
Vasco da Gama	1979-80 ...	2,450	77,76,874	21,306
	1980-81 ...	3,381	87,95,062	24,096
	1981-82 ...	3,747	1,13,13,687	31,360
Margac	1979-80 ...	4,975	19,40,108	5,340
	1980-81 ...	6,060	60,60,265	16,603
	1981-82 ...	6,125	25,05,003	6,863
Sanguem	1979-80 ...	495	1,36,948	375
	1980-81 ...	352	1,19,027	326
	1981-82 ...	39	1,09,644	300
Mapusa	1979-80 ...	1,834	4,07,800	1,117
	1980-81 ...	2,068	4,28,448	1,174
	1981-82 ...	2,413	5,93,903	1,627
Ponda	1979-80 ...	1,918	16,88,073	4,625
	1980-81 ...	1,988	16,11,663	4,416
	1981-82 ...	2,464	16,33,029	4,474
Curchorem	1979-80 ...	290	57,587	158
	1980-81 ...	211	72,604	199
	1981-82 ...	372	71,021	195
Bicholim	1979-80 ...	265	54,619	150
	1980-81 ...	318	80,934	222
	1981-82 ...	375	94,573	259
Tivim	1979-80 ...	114	16,659	46
	1980-81 ...	128	22,047	60
	1981-82 ...	164	25,270	69

## X. WATER SUPPLY

### 15. CENTERWISE ANNUAL CONSUMPTION OF WATER (contd.)

Centre	Year	Total number of con- sumers	Total water con- sumed in m <sup>3</sup>	Average per day in m <sup>3</sup>
1	2	3	4	5
Assonora	1979-80 ... ..	215	28,666	79
	1980-81 ... ..	188	27,339	75
	1981-82 ... ..	202	33,311	91
Tuem (Pernem)	1979-80 ... ..	131	28,594	78
	1980-81 ... ..	145	32,134	88
	1981-82 ... ..	190	55,404	152
Panquelim	1979-80 ... ..	300	70,094	192
	1980-81 ... ..	369	86,861	238
	1981-82 ... ..	524	1,41,792	388
Porvorim	1979-80 ... ..	715	2,03,962	559
	1980-81 ... ..	795	2,09,526	574
	1981-82 ... ..	910	2,79,160	765
Valpoi	1979-80 ... ..	95	19,815	54
	1980-81 ... ..	113	41,557	114
	1981-82 ... ..	210	40,521	111
Calangute	1979-80 ... ..	462	1,49,861	411
	1980-81 ... ..	567	2,07,775	569
	1981-82 ... ..	720	2,19,273	601
Gutrim	1979-80 ... ..	93	15,901	44
	1980-81 ... ..	137	19,788	54
	1981-82 ... ..	172	26,670	73
Stolim	1979-80 ... ..	163	23,511	64
	1980-81 ... ..	206	41,909	115
	1981-82 ... ..	325	42,344	116
Socorro	1979-80 ... ..	85	10,248	28
	1980-81 ... ..	107	14,897	41
	1981-82 ... ..	116	17,011	47

## X. WATER SUPPLY

### 45. CENTERWISE ANNUAL CONSUMPTION OF WATER (concl.)

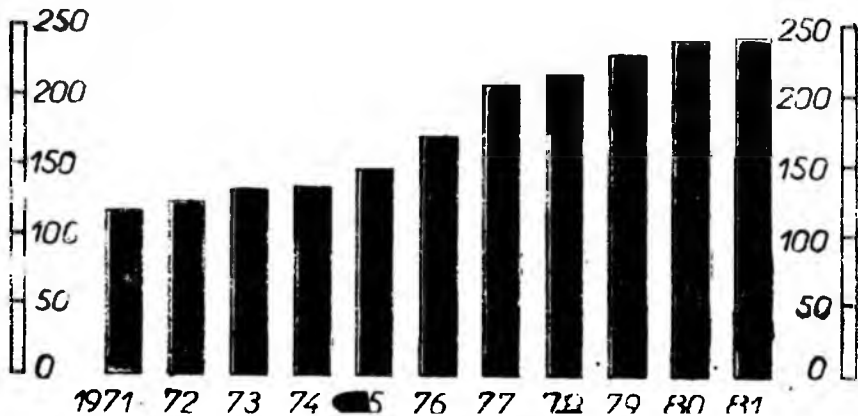
Centre	Year	Total number of consumers	Total water consumed in m <sup>3</sup>	Average per day in m <sup>3</sup>
1	2	3	4	5
Penha de Franca	1979-80 ...	175	16,298	45
	1980-81 ...	193	21,433	59
	1981-82 ...	216	25,441	70
Chapora	1979-80 ...	86	9,062	25
	1980-81 ...	116	20,290	56
	1981-82 ...	120	18,714	51
Colvale	1979-80 ...	112	13,972	38
	1980-81 ...	134	19,541	54
	1981-82 ...	147	34,590	95
Betim-Verim	1979-80*	116	8,644	24
	1980-81 ...	140	27,025	74
	1981-82 ...	166	26,130	72
Camurlim	1979-80*	52	4,753	13
	1980-81 ...	73	9,045	25
	1981-82 ...	73	13,950	38
Acol	1980-81**	42	16,811	92
	1981-82 ...	42(p)	16,811(p)	46(p)
Daman	1979-80 ...	889	1,81,619	498
	1980-81 ...	889	1,81,619	498
	1981-82 ...	889(p)	2,79,562(p)	766(p)
Diu	1981-82 ...	830	1,90,370	522(p)
Total of all centres	1979-80 ...	23,519	1,61,34,104	44,203
	1980-81 ...	26,526	2,24,52,711	62,610
	1981-82 ...	31,105(p)	2,24,92,245(p)	61,987(p)

\* From September, 1979.

\*\* From October, 1980.

Source: — Public Works Department, Works Division III (PHE) Panaji and Works Div. IX (PHE) Fatorda, Margao

# NO. OF OFFICES OF SCHEDULED BANKS





## XI. BANKING AND INSURANCE

### 46. OPERATION OF SCHEDULED BANKS

(Rs. in lakhs)

Year*	No. of offices	Deposits	Bank credit (loan, advances and bills)
1	2	3	4
1965 ... ..	28	2,996	868
1966 ... ..	35	3,430	1,082
1967 ... ..	44	3,983	1,453
1968 ... ..	60	4,602	1,649
1969 ... ..	96	5,216	2,351
1970 ... ..	107	6,025	3,017
1971 ... ..	117	6,849	3,532
1972 ... ..	123	7,223	4,144
1973 ... ..	132	9,023	4,332
1974 ... ..	136	10,518	5,459
1975 ... ..	148	12,565	6,308
1976 ... ..	171	15,913	7,354
1977 ... ..	208	18,323	7,346
1978 ... ..	216	20,306	7,983
1979 ... ..	229	26,666	11,219
1980 ... ..	241	32,250	12,843
1981** ... ..	242	34,901	13,221

\* As on last Friday of December.

\*\* As on June 1981.

Source: — Reserve Bank of India, Bombay.

## XI. BANKING AND INSURANCE

### 47. INSURANCE BUSINESS IN GOA

Type of Insurance	1980-81	1981-82
1	2	3
<b>I Life *</b>		
a) Policies ... (No.)	8,465	7,962
b) Sum as- sured ... (Rs.'000)	1,43,500	1,52,400
c) Premium paid ... (Rs.'000)	24,962	25,968
<b>II General **</b>		
<b>1. Fire:</b>		
a) Policies ... (No.)	6,164	6,661
b) Premium paid ... (Rs.'000)	3,273	4,797
<b>2. Marine (Hull and Cargo) :</b>		
a) Policies ... (No.)	3,794	4,384
b) Premium paid ... (Rs.'000)	17,214	17,354
<b>3. Autom- obile:</b>		
a) Policies ... (No.)	21,204	22,272
b) Premium paid ... (Rs.'000)	6,863	8,793
<b>4. Miscella- neous:</b>		
a) Policies ... (No.)	7,228	6,499
b) Premium paid ... (Rs.'000)	3,667	3,146

\* Data relate to Goa, Daman and Diu.

\*\* Data on general insurance relate to calendar years of 1980 and 1981. It does not include that of National Insurance Company.

## XII. CO-OPERATION

### 48. PROGRESS OF CO-OPERATIVE SOCIETIES

(Amount in Rs. '000)

Sl. No.	Item	Year (July-June)		
		1978-79	1979-80	1980-81
1	2	3	4	5
1.	No. of societies ...	421	443	466
2.	No. of members ...	1,69,805	1,84,680	2,23,251
3.	Share Capital ...	60,028	82,127	93,521
	Working capital ...	4,29,923	5,35,745	7,12,870
5.	Deposits ... ..	2,24,034	2,80,067	3,46,886
6.	Loans advanced ...	1,78,425	1,99,383	2,00,270
7.	Loans outstanding	1,98,794	2,68,964	3,24,678
8.	Profit ... ..	5,133	6,646	8,221
9.	Losses ... ..	10,810	3,138	5,548

Source: — Registrar of Co-operative Societies, Panaji.

**49. SOME BROAD PARAMETERS OF  
YEARS 1979-80 AND**

Sl. No.	Type of societies	Year	No. of Societies	No. of Members	Share capital
1	2	3	4	5	6
1.	State Level Federation ...	1979-80	1	6,956	1,628
		1980-81	1	7,036	1,630
2.	Wholesale/Central Stores	1979-80	2	4,023	107
		1980-81	1	3,872	208
3.	Primary Stores ... ..	1979-80	59	19,831	822
		1980-81	65	19,998	1,742
Total ... ..		1979-80	62	30,810	2,557
		1980-81	67	30,906	3,580

Source: — Registrar of Co-operative Societies, Panaji.

RATION

CONSUMERS' MOVEMENT FOR THE

1980-81 (July - June)

(Amount in Rs. '000)

Business operations	Purchase		Sales		Profit		Loss	
	7	8	9	10	11	12	13	
			No. of societies	Amount	No. of societies	Amount	Stagnant	
1,72,095	1,78,071	1	636	-	-	-	-	
1,97,207	2,69,185	1	688	-	-	-	-	
3,868	3,943	1	39	1	2	-	-	
2,040	2,188	-	-	1	72	-	-	
37,713	38,596	43	301	13	49	3	3	
24,710	25,782	44	335	18	130	3	3	
2,13,671	2,50,610	45	876	14	51	3	3	
2,23,957	2,87,155	45	903	19	202	3	3	

**50. SALIENT INFORMATION ON VARIOUS  
BANKS,**

Sl. No.	Type of Society/Bank	No. of societies	No. of members	Share capital	Deposits
1	2	3	4	5	6
1.	Goa State Co-operative Bank	1	12,682	5,367	1,26,512
2.	Service Co-operative Societies	122	70,953	6,480	61
3.	Consumer Co-operative Societies	67	30,906	3,580	206
4.	Dairy Co-operative Societies	72	6,322	1,023	-
5.	Poultry Co-operative Societies	2	521	21	-
6.	Fisheries Co-operative Societies	14	4,092	3,482	-
7.	Farming Co-operative Societies	4	67	31	-
8.	Marketing Co-op. Societies	3	2,693	541	296
9.	Urban Banks	4	74,432	12,081	2,18,295
10.	Urban Credit Co-op. Societies	49	12,091	2,346	1,411
11.	Transport Co-op. Societies	5	600	324	-
12.	Housing Co-op. Societies	96	2,457	4,702	-
13.	Industrial Co-op. Societies	25	2,310	524	36
14.	Processing Co-op. Societies	2	3,125	53,019	69
	<b>Total ...</b>	<b>466</b>	<b>2,23,251</b>	<b>93,521</b>	<b>3,46,886</b>

Source: — Registrar of Co-operative Societies, Panaji.

## OPERATION

## TYPES OF CO-OPERATIVE SOCIETIES/

1980-81

(Amount in Rs. '000)

Loans			Profit		Loss		No profit no loss
Advanced to members during the year	Out-standing from members as on 30-6-1980	Working capital	No. of societies	Amount	No. of societies	Amount	
7	8	9	10	11	12	13	14
76,275	73,655	1,56,261	1	419	-	-	-
7,656	13,893	25,823	72	838	34	198	16
-	445	83,037	45	903	19	202	3
614	2,458	4,662	38	221	29	45	5
-	101	196	-	-	1	15	1
2,491	25,790	33,483	6	75	8	1,759	-
-	-	239	1	67	3	30	-
546	33	3,232	2	154	-	-	1
97,899	1,81,406	2,78,588	4	4,714	-	-	-
8,702	7,033	7,710	45	362	4	9	-
-	1,219	2,413	-	-	-	-	5
6,079	13,063	74,136	61	417	26	146	9
8	92	2,314	8	51	5	125	12
-	5,490	40,776	-	-	1	3,019	1
2,00,270	3,24,678	7,12,870	283	8,221	130	5,548	53

## XII. CO-OPERATION

### 51. OPERATION OF PRIMARY AGRICULTURAL CREDIT SOCIETIES, 1980-81

Sl. No.	Item	Unit	Type of societies			Total
			Primary Agricultural credit societies	Farmers service societies	Large sized Agricultural multipurpose societies	
1	2	3	4	5	6	7
1.	No. of societies	No.	118	3	1	122
2.	Membership	No.	60,046	9,701	1,207	70,953
3.	Paid up capital:					
	i) Total	Rs. '000	4,091	1,774	615	6,480
	ii) Government	Rs. '000	2,498	1,530	500	4,468
	Reserve and other funds	Rs. '000	1,689	334	164	2,187
	Working capital	Rs. '000	19,154	4,882	1,787	25,823
	Deposits	Rs. '000	61	-	-	61
	Agricultural loan:					
	i) No. of societies giving advances	No.	77	3	1	81
	ii) No. of members to whom such advances are given	No.	3,910	1,898	87	5,895
	iii) Amount advanced during the year	Rs. '000	6,538	1,095	23	7,656



## XII. CO-OPERATION

### 1. OPERATION OF PRIMARY AGRICULTURAL 'CREDIT SOCIETIES, 1980-81

No.	Item	Unit	Type of societies			Total
			Primary Agricultural credit so- cieties	Farmers service societies	Large sized Agricultural multipurpose societies	
1	2	3	4	5	6	7
8.	<b>Borrowings:</b>					
	i) Government	Rs. '000	758	344	618	1,720
	ii) Credit Finance Agencies ... ..	Rs. '000	9,670	1,277	-	10,947
	iii) Others ... ..	Rs. '000	89	12	-	101
9.	Loans outstanding ..	Rs. '000	11,411	2,263	219	13,893
0.	Loans overdue ... ..	Rs. '000	4,125	703	129	4,957
1.	Investment ... ..	Rs. '000	789	130	919	1,838
2.	<b>Sales:</b>					
	i) Agricultural re- quisites ... ..	Rs. '000	3,476	1,346	217	5,039
	ii) Consumer goods	Rs. '000	35,503	5,514	1,331	42,348
3.	<b>Profit:</b>					
	i) No. of societies	No.	68	3	1	72
	ii) Amount ... ..	Rs. '000	675	72	91	838
4.	<b>Loss:</b>					
	i) No. of societies...	No.	34	-	-	34
	ii) Amount ... ..	Rs. '000	198	-	-	198
5.	No. of societies with- out profit or loss...	No.	16	-	-	16

Source: -- Registrar of Co-operative Societies, Panaji.

### XIII. PRICES

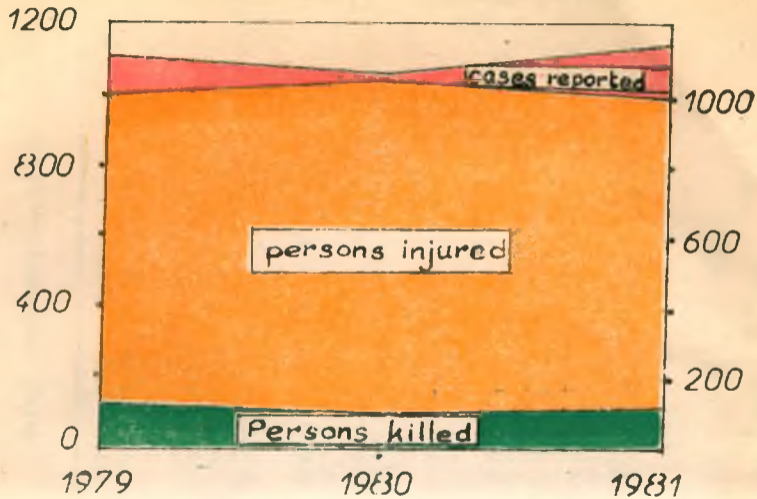
#### 52. CONSUMER PRICE INDEX NUMBERS FOR MIDDLE CLASS NON-MANUAL EMPLOYEES FAMILIES IN PANAJI TOWN

Base: — 1965=100

Year/Month	General Index	Food, beverages and tobacco	Fuel and light	Housing	Clothing, bedding and footwear	Miscellaneous
1	2	3	4	5	6	7
1977	231	252	239	190	252	189
1978	236	252	275	192	277	195
1979	248	261	344	192	293	202
1980	274	301	390	192	296	216
1981	302	337	453	192	302	242
January '81	286	319	425	192	297	221
February '81	287	320	436	192	297	222
March '81	290	326	436	192	297	222
April '81	294	333	436	192	298	225
May '81	296	334	436	192	298	227
June '81	311	356	436	192	302	244
July '81	315	357	468	192	306	249
August '81	313	354	472	192	306	249
September '81	307	340	472	192	306	255
October '81	306	337	472	192	306	256
November '81	306	333	472	192	306	266
December '81	308	334	472	192	307	271
January '82	307	331	472	192	310	273
February '82	306	327	472	192	311	275
March '82	315	328	538	192	311	275
April '82	319	344	540	192	316	276

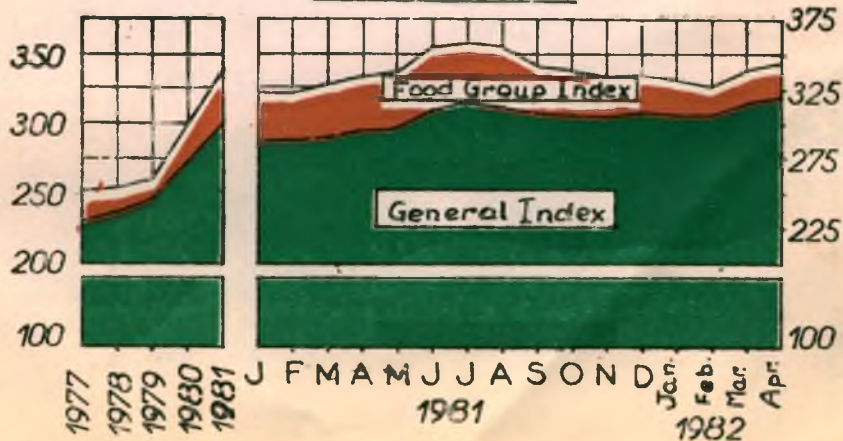
Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

# ROAD TRAFFIC ACCIDENTS



# CONSUMER PRICE INDEX IN PANAJI TOWN

Base 1965 = 100



## XIII. PRICES

**53. CONSUMER PRICE INDEX NUMBERS FOR  
INDUSTRIAL WORKERS (LABOUR CLASS)  
IN GOA**

Base: — 1966=100

Year/Month	General Index	Food Index	Pan, supari, tobacco and intoxicants Index	Fuel and light Index	Housing Index	Clothing, bedding and footwear Index	Miscellaneous Index
1	2	3	4	5	6	7	8
1977	220	221	253	272	100	270	198
1978	229	228	270	305	100	287	206
1979	245	241	274	375	100	317	222
1980	280	274	319	417	100	359	274
1981	320	310	363	504	100	426	312
January '81	305	296	354	456	100	401	300
February '81	309	300	361	473	100	402	301
March '81	311	302	366	473	100	405	301
April '81	316	309	364	473	100	403	309
May '81	320	314	361	490	100	409	311
June '81	324	320	361	500	100	407	314
July '81	329	325	362	513	100	420	312
August '81	329	321	361	517	100	450	312
September '81	322	308	362	517	100	454	316
October '81	324	309	364	525	100	454	319
November '81	326	310	368	553	100	455	321
December '81	327	311	367	564	100	457	322
January '82	328	311	375	564	100	462	321
February '82	328	310	376	564	100	463	321
March '82	329	311	381	564	100	466	322

Source: — Labour Bureau, Simla.

### XIII. PRICES

#### 54. AVERAGE RETAIL PRICES OF SOME SELECTED COMMODITIES OF MIDDLE CLASS CONSUMPTION IN PANAJI TOWN

(In rupees)

Sl. No.	Commodity	Unit	Year		
			1979	1980	1981
1	2	3	4	5	6
1.	Rice raw* ... ..	Kg.	1.66	1.66	1.83
2.	Rice boiled ... ..	>	1.92	2.13	2.61
3.	W h e a t    Khapli Khandwa ... ..	>	2.05	2.28	2.52
4.	Turdal ... ..	* >	4.70	4.78	5.27
5.	Gram dal ... ..	>	3.01	4.06	5.25
6.	Coconut oil ... ..	Litre	16.85	17.21	19.33
7.	Vanaspati ... ..	Kg.	11.00	12.55	14.33
8.	Beef ... ..	>	4.49	6.00	6.97
9.	Goat's meat ... ..	>	13.28	16.63	18.00
10.	Fresh fish ... ..	>	6.03	7.44	7.30
11.	Eggs ... ..	Dozen	4.80	5.07	5.31
12.	Milk (buffalo) ... ..	Litre	3.00	3.00	3.42
13.	Dry chillies ... ..	Kg.	10.36	10.89	10.19
14.	Massala powder ... ..	>	12.00	11.58	13.73
15.	Potato ... ..	>	1.58	2.41	2.18
16.	Onion ... ..	>	1.88	1.40	1.84
17.	Tomato ... ..	>	3.22	3.43	3.82
18.	Cabbage ... ..	>	3.06	3.27	3.33
19.	Coconut ... ..	Each	1.42	1.63	2.00
20.	Banana ... ..	Dozen	3.85	4.59	5.97
21.	Mango ... ..	Per 100	93.94	111.88	173.47
22.	Lemon ... ..	Dozen	3.44	3.17	2.78
23.	Cashewnut ... ..	Kg.	41.48	50.92	57.40
24.	Sugar* ... ..	>	2.85	2.90	3.51
25.	Gur ... ..	>	2.19	3.97	4.25
26.	Cashew liquor ... ..	Bottle	12.00	18.41	20.83
27.	Tea leaf ... ..	Kg.	16.77	20.24	21.17
28.	Firewood ... ..	15 kg.	4.54	5.42	6.25
29.	Kerosene ... ..	Litre	1.42	1.50	1.68
30.	Electricity ... ..	Kwh	0.27	0.25	0.35

\* Controlled Price.

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

### XIII. PRICES

#### 15. AVERAGE WHOLESALE PRICES IN PANAJI, MARGAO AND MAPUSA FOR THE YEAR 1981

(In rupees)

Sl. No.	Commodity	Unit	Panaji	Mar- gao	Mapusa
1	2	3	4	5	6
1.	Rice, raw fine ...	Quintal	300.42	310.69	292.71
2.	Rice, boiled coarse	»	244.10	247.59	244.44
3.	Wheat Khandwa ...	»	244.44	236.40	238.31
4.	Turdal ...	»	504.40	486.49	488.51
	Gram watana ...	»	480.24	467.25	481.63
	Coconut oil ...	Tin of 17 Kgs.	280.63	277.10	266.58
7.	Dry chillies(byadgi)	Quintal	955.90	952.53	913.02
8.	Salt local ...	Bag of 60 Kgs.	22.56	20.37	N. A.
9.	Pepper ...	Kg.	20.42	19.15	17.25
1.	Coconut ...	Per 1,000	1,640.14	1,355.56	1,643.79
1.	Banana ...	Per 100	31.17	22.35	30.11
2.	Cashewnut ...	Quintal	N. A.	945.00	766.67
3.	Cashew liquor ...	Jar of 18 bottles	293.47	276.88	282.60
4.	Tiles ...	Per 1,000	1,426.67	1,493.75	1,538.61
5.	Cement *	Bag of 50 kgs.	29.68	28.24	30.00
6.	Firewood ...	Khandi	182.15	123.96	183.75

\* Controlled Price.

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

### XIII. PRICES

#### 56. AVERAGE RETAIL PRICES OF SOME COMMODITIES OF WORKING CLASS CON- SUMPTION, FOR THE YEAR, 1981

(In rupees)

Sl. No.	Commodity	Unit	Vasco da Gama	Margao	Curchorem	Ponda	Bicholim	Average
1	2	3	4	5	6	7	8	9
1.	Rice raw *	Kg.	1.82	1.82	1.82	1.82	1.82	1.82
2.	Wheat inferior*	>	1.56	1.56	1.56	1.56	1.56	1.56
3.	Gram black	>	5.19	4.90	4.80	4.88	4.68	4.89
4.	Coconut oil	Litre	20.20	23.05	17.55	18.10	19.65	19.71
5.	Vanaspati	Kg.	14.00	14.00	14.32	14.32	13.76	14.08
6.	Beef	>	6.30	6.00	6.00	6.00	6.00	6.06
7.	Fresh fish (karbat)	1/2 Kg.	2.41	2.81	2.17	3.64	2.46	2.70
8.	Milk (bufallo)	Litre	3.75	4.30	4.35	3.75	4.40	4.11
9.	Dry chillies	Kg.	11.00	10.50	10.80	11.50	11.70	11.10
10.	Onion	>	1.89	1.72	1.79	1.67	1.56	1.73
11.	Potato	>	2.25	2.18	2.21	2.00	2.13	2.15
12.	Leafy vegetables	1/2 Kg.	0.96	0.50	0.75	1.19	1.97	1.07
13.	Coconut	Each	1.99	1.90	1.86	1.92	2.02	1.94
14.	Banana	Each	0.25	0.30	0.25	0.35	0.28	0.29
15.	Sugar*	Kg.	3.51	3.51	3.52	3.50	3.52	3.51
16.	Gur	>	4.42	4.07	4.06	3.90	4.18	4.13
17.	Cashew liquor...	Peg of 100 ml.	3.00	3.13	2.24	3.18	2.00	2.71
18.	Tea leaf	Kg.	18.92	18.12	17.96	17.72	18.28	18.20
19.	Firewood (bundle)	15 Kgs.	5.97	4.88	3.53	3.53	5.96	4.77
20.	Kerosene	Litre	1.65	1.64	1.68	1.67	1.68	1.66

\* Controlled price.

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.



XIV. TRANSPORT AND COMMUNICATION

57. DISTRICTWISE LENGTH OF ROADS BY TYPE OF SURFACE AS ON 31ST MARCH, 1981

(In kms.)

District	Total length	Surfaced roads			Unsurfaced roads	
		Water bound macadam	Black topped	Cement concrete	Motorable	unmotorable
1	2	3	4	5	6	7
GOA, DAMAN & DIU ... ..	5,720.68	563.20	2,234.84	13.91	2,306.28	367.10
i) Roads under P. W. D. ..	3,465.63	25.62	1,899.60	5.41	1,535.00	-
ii) Roads under Municipalities ... ..	142.54	29.26	111.92	1.36	N. A.	N. A.
iii) Roads under Panchayats..	1,877.16	508.32	223.32	7.14	771.28	367.10
iv) Roads under Forest Dept.	235.35	N. A.	N. A.	N.A.	N. A.	N. A.
GOA DISTRICT	5,560.25	530.56	2,114.60	6.36	2,306.28	367.10
i) Roads under P. W. D. ..	3,320.00	-	1,785.00	-	1,535.00	-
ii) Roads under Municipalities ... ..	140.97	29.26	110.35	1.36	N. A.	N. A.

XIV. TRANSPORT AND COMMUNICATION

57. DISTRICTWISE LENGTH OF ROADS BY TYPE OF SURFACE AS ON 31ST MARCH, 1981 (contd.)

(In kms.)

District	Total length	Surfaced roads			Unsurfaced roads	
		Water bound macadam	Black topped	Cement concrete	Motor-able	unmotorable
1	2	3	4	5	6	7
iii) Roads under Panchayats...	1,863.93	501.30	219.25	5.00	771.28	367.13
iv) Roads under Forest Deptt.	235.35	N. A.	N. A.	N.A.	N. A.	N. A.
<b>DAMAN DIS-TRICT</b> ... ..	107.92	22.39	81.72	3.81	-	-
i) Roads under P. W. D. ...	106.35	22.39	80.15	3.81	-	-
ii) Roads under Municipalities ... ..	1.57	-	1.57	-	N. A.	N. A.
iii) Roads under Panchayats...	NR	NR	NR	NR	NR	NR
iv) Roads under Forest Deptt.	-	-	-	-	-	-

#### XIV. TRANSPORT AND COMMUNICATION

### 57. DISTRICTWISE LENGTH OF ROADS BY TYPE OF SURFACE AS ON 31ST MARCH, 1981 (concl'd.)

(In kms.)

District	Total length	Surfaced roads			Unsurfaced roads	
		Water bound macadam	Black topped	Cement concrete	Motor-able	unmotorable
1	2	3	4	5	6	7
LIU DISTRICT	52.51	10.25	38.52	3.74	-	-
i) Roads under P. W. D. ...	39.28	3.23	34.45	1.60	-	-
ii) Roads under Municipalities ...	-	-	-	-	-	-
iii) Roads under Panchayats...	13.23	7.02	4.07	2.14	-	-
iv) Roads under Forest Deptt.	-	-	-	-	-	-

i) Public Works Deptt., Panaji.

ii) Municipalities.

Source: — iii) Assistant Director of Panchayats, Panaji

iv) Conservator of Forests, Panaji.

#### XIV. TRANSPORT AND COMMUNICATION

### 58. DISTRICTWISE/BLOCKWISE LENGTH OF ROADS UNDER VILLAGE PANCHAYAT'S AS ON 31ST MARCH, 1981

(In kms.)

Name of District/ Block	Total length	Surfaced roads			Unsurfaced roads	
		Water bound macadam	Black topped	Cement concret	Motor- able	unmo- torable
1	2	3	4	5	6	7
<b>GOA, DAMAN &amp; DIU</b>	1,877.16	508.32	223.32	7.14	771.28	367.10
<b>GOA DISTRICT ...</b>	1,863.93	501.30	219.25	5.00	771.28	367.10
Tiswadi ...	194.80	10.30	68.60	-	93.05	22.85
Bardez ...	254.72	-	-	-	226.77	37.95
Pernem ...	179.85	11.50	34.20	5.00	84.45	44.70
Bicholim ...	164.45	10.90	2.40	-	110.45	40.78
Satari ...	218.64	20.72	23.15	-	71.77	100.00
Ponda ...	232.00	75.00	-	-	70.00	87.00
Sanguem ...	40.82	6.83	1.10	-	22.49	10.40
Canacona ...	174.35	62.05	82.90	-	29.40	-
Quepem ...	84.30	-	5.40	-	59.90	19.00
Salcete — )	320.00	304.00	1.50	-	-	14.50
Mormugao )						
<b>DAMAN DISTRICT</b>	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
Daman ...	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
<b>DIU DISTRICT</b>	13.23	7.02	4.07	2.14	-	-
Diu ...	13.23	7.02	4.07	2.14	-	-

Source:— Assistant Director of Panchayats, Panaji.

## XIV. TRANSPORT AND COMMUNICATION

### 59. MOTOR VEHICLES REGISTERED AS ON 31ST MARCH, 1982

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Motor cars and jeeps ... ..	7,230	259	42	7,531
2.	Tractors ... ..	213	11	3	227
3.	Buses ... ..	1,223	-	7	1,230
	Goods vehicles ...	7,871	95	22	7,988
5.	Motor cycles and Scooters (excluding hired) ... ..	23,592	261	162	24,015
6.	Auto rickshaws ...	446	20	-	466
7.	Motor cabs (taxis)	1,198	19	2	1,219
8.	Government vehicles ... ..	921	8	11	940
9.	Motor cycles for hire ... ..	968	-	-	968
	<b>Total ... ..</b>	<b>43,662</b>	<b>673</b>	<b>249</b>	<b>44,584</b>

Source: — Directorate of Transport, Panaji.

#### XIV. TRANSPORT AND COMMUNICATION

### 60. MOTOR VEHICLES REGISTERED DURING THE YEAR 1981-82

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Motor cars and jeeps ... ..	633	11	7	651
2.	Tractors ... ..	15	-	-	15
3.	Buses ... ..	179	-	2	181
4.	Goods vehicles ...	862	9	5	876
5.	Motor cycles and Scooters (excluding hired) ... ..	3,649	73	17	3,738
6.	Auto rickshaws ...	67	7	-	74
7.	Motor cabs (taxis)	104	-	-	104
8.	Government vehicles ... ..	113	-	-	113
9.	Motor cycles for hire ... ..	503	-	-	503
	Total ... ..	6,125	99	31	6,255

Source: — Directorate of Transport, Panaji.

## XIV. TRANSPORT AND COMMUNICATION

### 61. MOTOR VEHICLES IN OPERATION AS ON 31ST MARCH, 1982

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Motor cars and jeeps	6,313	259	40	6,612
2.	Tractors ... ..	213	11	3	227
3.	Buses ... ..	917	-	7	924
4.	Goods vehicles ...	6,248	91	22	6,361
5.	Motor cycles and Scooters (excluding hired) ... ..	23,486	261	158	23,905
6.	Auto rickshaws ...	446	20	-	466
7.	Motor cabs (taxis)	1,095	19	3	1,116
8.	Government vehicles ... ..	921	8	11	940
9.	Motor cycles for hire ... ..	968	-	-	968
	<b>Total ... ..</b>	<b>40,607</b>	<b>669</b>	<b>243</b>	<b>41,519</b>

Source: — Directorate of Transport, Panaji.

**XIV. TRANSPORT AND COMMUNICATION**  
**62. DISTANCE FROM PANAJI TOWN TO**  
**OTHER TOWNS BY ROAD**

Name of the town	Route	Kms.	Miles
1	2	3	4
Margao	Via Ponda	45.0	28.0
Margao	Via Agassaim-Cortalim	33.4	20.8
Vasco da Gama	Via Agassaim-Cortalim	29.3	18.2
Ponda	Via Ribandar-Old Goa	28.8	17.9
Quepem	Via Ponda-Sanvordem	60.3	37.5
Quepem	Via Agassaim-Cortalim- -Margao	48.2	30.0
Sanguem	Via Ponda-Sanvordem	60.0	37.3
Sanguem	Via Agassaim-Cortalim- -Margao	62.3	38.7
Chauri (Canacona)	Via Ponda-Margao	81.4	50.6
Chauri (Canacona)	Via Agassaim-Cortalim- -Margao	69.8	43.4
Valpoi	Via Ponda-Usgao	69.0	42.9
Valpoi	Via Betim-Bicholim-San- -quelim	53.5	33.2
Mapusa	Via Betim	11.1	6.9
Bicholim	Via Mapusa	29.8	18.5
Pernem	Via Mapusa	28.7	17.8

Source: — Public Works Department, Panaji.



#### XIV. TRANSPORT AND COMMUNICATION

### 63. DETAILS OF NAVIGABILITY OF INLAND WATERWAYS OF GOA RIVERS

Navigability limits				
River	For small country craft		For large country craft and mine ore barges	
	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)
1	2	3	4	5
Firacol river	Bandem (Sawant-wadi)	27	Torxem	23
Chayora river	Ibrahim-pur	32	Salem	29
Mandovi river	Zaranim via Goa Branch to S. of Isle of Divar	66	Gangem via Goa Branch of S. of Isle of Divar	48
Naroa Branch of Mandovi river to N. of Isle of Divar	Fully navigable	10	Fully navigable	10
Candepar Branch	Santana	26 (Upto join with main river at Vagurbem)	Piliem	13 (Upto join with main river at Vagurbem)

XIV. TRANSPORT AND COMMUNICATION

63. DETAILS OF NAVIGABILITY OF INLAND WATERWAYS OF GOA RIVERS (Contd.)

River	Navigability limits			
	For small country craft		For large country craft and mine ore barges	
	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)
1	2	3	4	5
<i>Hand over Tributaries:</i>				
Sinquerim river	Nerul	8	Orda	5
Mapusa river	Guirim	29	Mapusa	27
Corjuem canal (Branch of Mapusa river)	Sirçaim	9 (Upto join with Mapusa river at Sirçaim)	Sirçao	6 (Upto join with Mapusa river at Sirçaim)
Bicholim river	Curçirem	15	Bicholim	8
Sanquelim river	Conteli	18	Sanquelim	8
Zalati river	Bombad	68	Sanguem	58
Southern Branch	Solauli	10 (Upto join at Sanguem)	Nil	—
		92		

**XIV. TRANSPORT AND COMMUNICATION**  
**63. DETAILS OF NAVIGABILITY OF INLAND**  
**WATERWAYS OF GOA RIVERS (concl'd.)**

Navigability limits					
River	For small country craft			For large country craft and mine ore barges	
	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)	Upto	Approx. distance from mouth of river or that its tributary to from main river (in kms.)	
1	2	3	4	5	
<i>Zuari Tributaries:</i>					
Paroda river	Chandor Railway Bridge	3 (Upto join with main river at Pongevadi)	Nil		
<i>Cumbarjua canal:</i>					
(Linking Mandovi and Zuari rivers)	Fully navigable	18	Fully navigable	18	
Sal river	Assolna	8	Nil		
Talpona river	Mocodd	5	Nil		
Galgibaga river	Maxem	2	Nil		
<b>Total Navigability</b>		<b>353</b>		<b>253</b>	

Source: — Captain of Ports, Panaji.

XIV. TRANSPORT AND COMMUNICATION

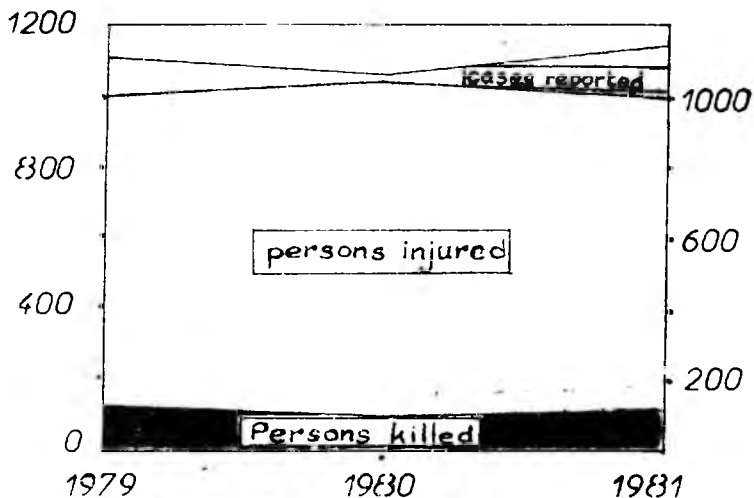
**64. MAIN WATERWAYS AND TOTAL NUMBER OF PASSENGERS FERRIED**

Name of the River/Station	Number of passengers during the year		
	1979-80	1980-81	1981-82
1	2	3	4
<i>Mandovi:</i>			
Cais-dos-Gujires/Betim ...	2,39,457	3,32,032	3,19,406 (P)
Panaji/Betim/Verem ...	15,662	6,417	6,826 (P)
Panaji/Britona ...	24,418	19,033	21,036 (P)
Panaji/Piedade/Narao ...	22,497	36,665	46,855 (P)
Ribandar/Chorao ...	2,56,845	2,30,352	2,63,617
Old Goa/Piedade ...	3,13,695	4,16,234	4,28,597
Panaji/Aldona* ...	N. A.	N. A.	N. A.
Aldona/Corjuem* ...	N. A.	N. A.	N. A.
Pomburpa/Chorao ...	27,073	67,089	93,823 (P)
St. Estavam/Tonca/Saramanas ...	1,32,497	1,23,374	1,63,855 (P)
Total ...	10,33,144	12,31,196	13,44,014 (P)
<i>Zuari:</i>			
Dona-Paula/Mormugao ...	2,53,269	1,87,183	2,06,245
Agasaim/Cortalim ...	26,30,597	31,29,143	38,61,516 (P)
Borim* ...	N. A.	N. A.	N. A.
Cortalim/Modkai ...	...	...	12,005
Total ...	28,83,866	33,16,326	40,79,766
<i>Chapora:</i>			
Sicim/Chopdem ...	5,75,023	5,99,932	8,30,872 (P)
Colvale/Macazana ...	4,36,418	4,45,066	5,34,079 (P)
Querim Tiracol ...	22,621	52,323	54,585 (P)
Total ...	10,34,062	10,97,321	14,19,536 (P)
<i>Daman Ganga:</i>			
Moti Daman/Nani			
Daman ...	N. R.	2,94,024	3,02,808 (P)
Grand Total ...	49,51,072	59,38,867	71,46,124 (P)

\* Leased out.

Source: — River Navigation Department, Panaji.

# ROAD TRAFFIC ACCIDENTS



## XIV. TRANSPORT AND COMMUNICATION

### 65. ROAD TRAFFIC ACCIDENTS

Sl. No.	Item	Year		
		1979	1980	1981
1	2	3	4	5
1.	Cases reported	1,093	1,055	1,135
2.	Persons killed	104	86	96
3.	Persons injured	1,009	1,043	998
4.	Vehicles involved	1,493	1,457	1,028

Source: — C. I. D. Research Unit, Office of the Inspector General of Police, Panaji.

**XIV. TRANSPORT AND COMMUNICATION**  
**66. NUMBER OF POST OFFICES, ETC.**  
**AS ON 31ST MARCH 1982**

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Number of post offices ... ..	232	11	6	249
	Urban ... ..	31	7	2	40
	Rural ... ..	201	4	4	209
2.	Number of letter boxes ... ..	679	25	12	716
3.	Number of telegraph offices ... ..	68	2	5	75
4.	Number of exchanges ... ..				
	Telephones ... ..	30	2	2	34
	Telex ... ..	3	-	-	3
5.	Number of telephones ... ..	9,983	273	72	10,328
6.	Number of public call offices ... ..	70	6	4	80
7.	Number of radio licences issued ... ..	82,069	1,321	1,257	84,647

Source: — 1) Office of the Superintendent of Post Offices Goa, Junagadh and Veraval.

2) Divisional Engineer, Telegraphs, Panaji.

## XIV. TRANSPORT AND COMMUNICATION

### §7. NUMBER OF RADIO LICENCES ISSUED DURING THE YEAR 1981-82

Sl No	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Domestic ... ..	11,110	1,176	1,230	13,516
2.	Concessional ... ..		.		
	a) Community ... ..	11	113	3	127
	b) School .... ..	32	9	-	41
	c) Cheap radios ... ..	-	-	13	13
3.	Commercial ... ..	210	15	8	233
4.	Demonstration ... ..	-	8	3	11
	Total ... ..	11,363	1,321	1,257	13,941

Sources: — Office of the Superintendent of Post Offices, Panaji, Valsad and Junagadh.



## XV. ADMINISTRATIVE STATISTICS

### 68. POLICE

Sl. No.	Item	Year		
		1979	1980	1981
	2	3	4	5
1.	No. of police stations ...	21	21	21
2.	No. of out-posts ...	27	27	28
3.	Existing strength of police staff including officers ...	2,151	2,248	2,437
4.	Number of cognizable crimes reported during the year ...	2,200	2,927	3,418
	i. Rioting ...	101	148	208
	ii. Murder ...	9	20	21
	iii. Kidnapping and abduction ...	5	11	18
	iv. Dacoity ...	4	2	7
	v. Robbery ...	33	36	61
	vi. House breaking ...	382	490	596
	vii. Cheating ...	40	40	41
	viii. Breach of trust ...	43	54	51
	ix. Injuries, violence and resistance acts towards authorities ...	-	-	-
	x. Thefts ...	592	887	1,041
	xi. Other crimes ...	1,000	1,230	1,374

Source: — C. I. D. Research Unit, Office of the Inspector General of Police, Panaji.

XV. ADMINISTRATIVE STATISTICS

69. PRISONS AND NUMBER OF PRISONERS  
IN JAILS, 1981

Sl. No.	Item	Jud. Lockup Panaji	Jud. Lockup Margao	Jud. Lockup Mapusa	Sub. Jail Reis Magos	Central Jail Aguada	Sub. Jail Daman	Sub. Jail Diu	Total
1	2	3	4	5	6	7	8	9	10
1.	No. of places of confinements	1	1	1	1	1	1	1	7
2.	No. of prisoners at the beginning of the year ...	28	26	17	24	110	10	2	217
3.	No. of New Prisoners during the year ...	203	560	327	167	102	150	20	1,529
	Total (2+3) ...	231	586	344	191	212	160	22	1,746
4.	No. of Prisoners discharged ...	201	557	334	177	69	148	21	1,507
5.	Balance at the end of the year...	30	29	10	14	143	12	1	239

Source: — Office of the Inspector General of Prisons,  
Panaji

## XVI. TOURISM

### 70. NUMBER OF EXISTING BOARDING AND LODGING HOUSES AND THEIR BED CAPACITY

District/Taluka	1980-81		1981-82	
	No. of hotels	No. of beds	No. of hotels	No. of beds
	2	3	4	5
GOA, DAMAN & DIU ...	196	6,587	207	7,061
GOA DISTRICT ...	175	6,087	185	6,515
Tiswadi ...	78	2,813	81	2,879
Bardes ...	29	916	31	1,068
Pernem ...	1	16	1	16
Bicholim ...	2	10	2	10
Ponda ...	15	724	15	724
Sanguem ...	1	24	1	24
Quepem ...	1	7	1	7
Salcete ...	30	970	33	1,102
Mormugao ...	18	607	20	685
DAMAN DISTRICT ...	16	418	17	464
Daman ...	16	418	17	464
DIU DISTRICT ...	5	82	5	82
Diu ...	5	82	5	82

Source: — i) Directorate of Planning, Statistics and Evaluation, Panaji.

ii) Directorate of Tourism, Panaji.

## XVI. TOURISM

### 71. TOTAL GUESTS IN HOTELS/ LODGING HOUSES

Taluka	1980-81	1981-82
1	2	3
<b>Total number of Guests</b> ...	4,35,839	5,13,012
Tiswadi ... ..	1,86,103	2,60,556
Bardez ... ..	60,752	51,325
Pernem ... ..	1,909	2,306
Bicholim ... ..	425	397
Ponda ... ..	51,392	36,745
Sanguem ... ..	1,920	2,570
Quepem ... ..	1,317	N.A.
Salcete ... ..	75,362	88,077
Mormugao ... ..	26,693	35,621
Daman ... ..	31,112	26,592
DIU ... ..	8,854	8,824
<b>Total night halts</b> ... ..	8,59,583	8,54,597
Tiswadi ... ..	3,68,968	4,25,796
Bardez ... ..	1,65,902	1,28,709
Pernem ... ..	2,955	2,964
Bicholim ... ..	539	537
Ponda ... ..	96,671	54,915
Sanguem ... ..	1,920	2,570
Quepem ... ..	1,336	N.A.
Salcete ... ..	1,20,109	1,18,508
Mormugao ... ..	51,336	75,160
Daman ... ..	39,518	35,190
DIU ... ..	10,32	10,248

Source: — i) Directorate of Planning, Statistics and Evaluation, Panaji.

ii) Directorate of Tourism, Panaji.

## XVI. TOURISM

### 72. NUMBER OF INDIAN TOURISTS (+)

Taluka	1980-81	1981-82
1	2	3
<b>Total number of tourists ...</b>	3,49,028	4,28,587
Tiswadi ... ..	1,66,077	2,40,052
Bardez ... ..	27,378	29,932
Pernem ... ..	346	667
Bicholim ... ..	193	202
Ponda ... ..	42,314	27,319
Sanguem ... ..	1,253	1,791
Quepem ... ..	897	N.A.
Salcete ... ..	54,970	67,030
Mormugao ... ..	19,956	28,028
Daman ... ..	27,446	25,169
Diu ... ..	8,208	8,397
<b>Total night halts ... ..</b>	6,56,405	6,91,286
Tiswadi ... ..	3,26,621	3,90,751
Bardez ... ..	77,591	68,658
Pernem ... ..	410	725
Bicholim ... ..	230	268
Ponda ... ..	81,162	43,568
Sanguem ... ..	1,253	1,791
Quepem ... ..	916	N.A.
Salcete ... ..	89,992	90,120
Mormugao ... ..	34,718	53,462
Daman ... ..	34,601	33,050
Diu ... ..	8,911	8,893

+ Excluding Goan guests.

Source: — i) Directorate of Planning, Statistics and Evaluation, Panaji.

ii) Directorate of Tourism, Panaji.

XVI. TOURISM

78. NUMBER OF FOREIGN TOURISTS

Taluka	1980-81	1981-82
1	2	3
Total number of tourists ...	34,705	28,393
Tiswadi ... ..	9,477	8,496
Bardez ... ..	15,953	11,303
Pernem ... ..	617	391
Bicholim ... ..	8	8
Ponda ... ..	151	171
Sanguem ... ..	-	-
Quepem ... ..	-	N.A.
Salcete ... ..	4,091	3,287
Mormugao ... ..	4,063	4,178
Daman ... ..	219	196
Diu ... ..	126	363
Total night halts ... ..	1,01,141	86,153
Tiswadi ... ..	17,901	16,780
Bardez ... ..	60,625	45,370
Pernem ... ..	1,325	707
Bicholim ... ..	12	10
Ponda ... ..	309	262
Sanguem ... ..	-	-
Quepem ... ..	-	N.A.
Salcete ... ..	10,250	7,870
Mormugao ... ..	9,756	13,552
Daman ... ..	392	448
Diu ... ..	571	1,154

Source : — i) Directorate of Planning, Statistics and Evaluation, Panaji.

ii) Directorate of Tourism, Panaji.

XVI TOURISM

74. DISTRIBUTION OF FOREIGN TOURISTS  
BY NATIONALITY

Nation of origin	1980-81	1981-82
1	2	3
Foreigners ... ..	34,705	28,393
1) Australia ... ..	1,588	1,307
2) Canada ... ..	945	787
3) France ... ..	4,558	3,183
4) Germany ... ..	5,345	4,729
5) Greece ... ..	314	85
6) Hoiland ... ..	1,445	574
7) Japan ... ..	1,754	1,146
8) Switzerland ... ..	1,191	1,341
9) U. K. ... ..	4,579	4,015
10) U. S. A. ... ..	2,317	1,809
11) Other countries ... ..	10,669	9,417
12) Foreigners settled in India who visited the Territory (a) ... ..		

(a) Not included in the total

Source: — i) Directorate of Planning, Statistics and Evaluation, Panaji.

ii) Directorate of Tourism, Panaji.

**XVII. FOREIGN TRADE**

**75. QUANTITY AND VALUE OF COMMODITIES  
IMPORTED THROUGH MORMUGAO  
Port 1976-77**

Sl. No.	Commodity Heads	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4
1.	Food and live animals	N.A.	4
1.1	Sugar and honey ... ..	-	-
1.2	Tea and mate ... ..	-	-
1.3	Wheat and meslin unmilled	-	-
1.4	Feeding stuff for animals ...	-	-
1.5	Miscellaneous food prepara- tions ... ..	N.A.	3
1.6	Fruit, preserved and fruit preparations ... ..	N.A.	1
1.7	Tobacco manufacturers ...	N.A.	1
2.	Chemicals ... ..	62,025	94,710
2.1	Organic chemicals ... ..	1	3
2.2	Inorganic element oxide and halogen salts ... ..	62,024	94,706
2.3	Other inorganic chemicals ...	N.A.	1
2.4	Fertilizers manufactured ...	-	-



XVII. FOREIGN TRADE

**75. QUANTITY AND VALUE OF COMMODITIES  
IMPORTED THROUGH MORMUGAO  
Port 1976-77 (contd.)**

Sl. No.	Commodity Heads	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4
3.	Manufactured goods classified chiefly by materials ... ..	21	1,476
	3.1 Articles of rubber ... ..	21	1,476
	3.2 Wire products and fencing grills ... ..	-	-
	3.3 Aluminium ... ..	-	-
4.	Machinery and transport equipment ... ..	2,174	1,54,964
	4.1 Power generating machinery other than electric ... ..	1	512
	4.2 Office machines ... ..	-	-
	4.3 Machines for special industries ... ..	2,117	1,46,694
	4.4 Machinery and appliances (other than electrical) and machine parts n. e. s. ... ..	56	7,758

XVII. FOREIGN TRADE

**A. QUANTITY AND VALUE OF COMMODITIES  
IMPORTED THROUGH MORMUGAO**

**Port 1976-77 (concl.)**

Sl. No.	Commodity Heads	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4
4.5	Ships and boats ... ..	-	-
5.	Miscellaneous manufacture arti- cles ... ..	N. A.	1
5.1	Printed matter ... ..	N. A.	1
5.3	Works of art and antiques ...	-	-
5.3	Photographic and cinemato- graphic supplies ... ..	-	-
6.	Domestic electric equipments ...	N. A.	2
7.	Special transactions ... ..	N. A.	2
	Total ... ..	64,220	2,51,159

Source: — Department of Commercial Intelligence and  
Statistics, Calcutta.

XVII. FOREIGN TRADE

**76. QUANTITY AND VALUE OF COMMODITIES  
EXPORTED THROUGH MORMUGAO**

**Port 1976-77**

Sl No.	Commodity Heads	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4
1	Food and live animals	1,76,448	2,94,597
1.1	Sugar and honey ... ..	56,514	1,32,752
1.2	Tea and mate ... ..	-	-
1.3	Wheat and meslin unmilled	-	-
1.4	Feeding stuff for animals ...	1,19,934	1,61,846
1.5	Miscellaneous food prepara- tions ... ..	-	-
1.6	Fruit preserved and fruit preparations ... ..	-	-
2	Beverages and tobacco	-	-
2.1	Alcoholic beverages ... ..	-	-
2.2	Tobacco manufactures ... ..	-	-
3	Crude materials inedible except fuels	1,08,09,679	9,39,754
3.1	Crude rubber ... ..	-	-
3.2	Iron ore and concentrates ...	1,04,7,061	8,67,926
3.3	Ores and concentrates of non-ferrous base metals ...	3,33,518	71,830
3.4	Metalliferous ores ... ..	-	-

XVII. FOREIGN TRADE

76. QUANTITY AND VALUE OF COMMODITIES  
EXPORTED THROUGH MORMUGAO

Port 1976-77 (concl'd.)

Sl. No. 1	Commodity Heads 2	Quantity (Tonnes) 3	Value (Rs. '000) 4
4.	Manufactured goods classified chiefly by material ... ..	11,814	71,914
4.1	Articles of rubber ... ..	-	-
4.2	Wire products and fencing grills ... ..	-	-
4.3	Aluminium ... ..	11,814	71,914
5-5.1	Pulp paper prepared goods ...	7	65
6-6.1	Jute mafas Ex Twst Gra. ...	1	11
7-7.1	Power Generation machinery non-elect. ... ..	53	3,730
	Total ... ..	1,09,98,002	13,10,073

Source: — Department of Commercial Intelligence and Statistics, Calcutta. \*

XVII. FOREIGN TRADE

77. VALUE OF FOREIGN TRADE BY PRINCIPAL COUNTRIES THROUGH MORMUGAO Port 1976-77

Principal countries	Imports (Rs. '000)	Exports (Rs. '00)
1	2	3
Total: All countries ... ..	2,51,159	13,10,073
Belgium ... ..	-	3,348
Bulgaria ... ..	-	-
Czechoslovakia ... ..	-	42,258
Chinese Republic ... ..	-	12,177
Germany, Federal Republic ... ..	50,519	19,054
Germany, Democratic Republic ... ..	-	3,368
Indonesia ... ..	-	22,100
Iran ... ..	-	36,816
Iraq ... ..	-	2,200
Japan ... ..	1,995	7,57,552
Korean Democratic Republic ... ..	-	8,530
Korean Republic ... ..	-	22,860
Kuwait ... ..	-	-
Netherlands ... ..	3,083	1,06,063
Poland ... ..	-	78,799
Romania ... ..	-	34,878
U. A. R. ... ..	-	824
U. K. ... ..	1	7,558
U. S. A. ... ..	44,260	9,556
U. S. S. R. ... ..	-	-
Other countries ... ..	1,51,301	1,42,145

Source:— Department of Commercial Intelligence and Statistics, Calcutta.

XVII. FOREIGN TRADE

78. STATISTICS (QUANTITY AND VALUE) OF  
FOREIGN IMPORTS THROUGH MORMUGAO  
Port - Countrywise 1976-77

Sl. No.	Commodity Heads	Country	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4	5
1. Food and live animals:				
1.1	Miscellaneous food articles	Japan	-	2
		Saudi Arabia	-	-
2. Chemicals:				
2.1	Organic chemicals	Japan	1	3
		Saudi Arabia	1	1
2.2	Inorganic chemicals	Mexico	37,660	57,902
		U. S. A.	24,364	36,804
2.3	Fertilizers manufactures			
3. Manufactured goods classified chiefly by material:				
3.1	Articles of rubber	Japan	21	1,476
4. Machinery and transport equipment:				
4.1	Power generating machinery other than electric	Japan	1	512
		U. S. A.	54	7,466
4.2	Machines for special industries	Australia	1,529	93,397
		German F. Rep.	521	50,215
		Netherlands	67	3,083

XVII. FOREIGN TRADE

**78. STATISTICS (QUANTITY AND VALUE) OF  
FOREIGN IMPORTS THROUGH MORMUGAO  
Port - Countrywise 1976-77 (concl'd.)**

Sl. No.	Commodity Heads	Country	Quantity (Tonnes)		Value (Rs. '000)
			1	4	5
	4.3 Machinery and appliances (other than electrical) and machine parts, n. e. s ... ..	-	-	-	-
	4.4 Ships and boats ... ..	-	-	-	-
5.	Miscellaneous manufactured articles:				
	5.1 Photographic and cinematographic supplies ... ..	-	-	-	-
	5.2 Tobacco manufactures, special transactions & printed matter ... ..	Japan Saudi Arabia German F. Rep. U. K.	- - - -	- -	2 1 1
6	Domestic Electric equipment ... ..	German F. Rep.	-	-	3
7	Metal working machinery	German F. Rep.		2	302
	<b>Total .....</b>	-		64,220	2,51,159

Source: — Department of Commercial Intelligence and Statistics, Calcutta.

## XVII. FOREIGN TRADE

### 79. STATISTICS (QUANTITY AND VALUE) OF FOREIGN EXPORTS THROUGH MORMUGAO Port - Countrywise 1976-77

Sl. No.	Commodity Heads	Country	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4	5
1.	Food and live animals :			
1.1	Sugar and honey ...	Indonesia	12,244	22,100
		Iran	12,244	36,752
		Srilanka	12,244	33,700
		Sudan	19,782	40,200
1.2	Feeding stuff for animals ...	Czechoslovakia	11,236	14,356
		Denmark	1,000	1,446
		France	9,039	13,158
		German D. Rep.	756	665
		German F. Rep.	1,608	2,266
		Italy	3,509	5,812
		Libya	3,177	3,356
		Netherlands	26,123	36,989
		Poland	58,908	76,239
		U. K.	4,578	7,558
1.3	Fruit preserved and fruit preparations ...			
	Beverages and tobacco :			
2.1	Alcoholic beverages			
3.	Crude materials inedible, except fuels:			
3.1	Iron ore and concentrates ...	Abu-Dhabi	8,500	824
		Belgium	42,950	3,349
		China Rep.	1,13,905	9,225
		Czechoslovakia	1,72,789	27,898
		Egypt A. R.	3,282	313
		German D. Rep.	16,900	2,704



**XVII. FOREIGN TRADE**

**79. STATISTICS (QUANTITY AND VALUE) OF  
FOREIGN EXPORTS THROUGH MORMUGAO  
Port - Countrywise 1976-77 (concl'd.)**

Sl. No.	Commodity Heads	Country	Quantity (Tonnes)	Value (Rs. '000)
1	2	3	4	5
3.1	Iron ore and concentrates (contd.) ...	German F. Rep.	81,631	13,060
		Hungary .	52,801	8,227
		Italy	29,437	1,783
		Japan	83,41,368	6,64,858
		Korea D. P. Rep.	1,16,140	8,530
		Korea Rep.	2,54,082	19,238
		Netherlands	4,27,232	35,099
		Oman	700	61
		Poland	31,293	2,560
		Qatar	31,964	2,907
		Rumania	3,66,377	34,878
		Saudi Arabia	6,096	613
		Turkey	1,91,566	15,636
		U. S. A.	1,31,882	9,555
		Yugoslavia	26,416	4,408
		Iraq	23,750	2,200
3.2	Ores and concentrates of non-ferrous base metals ...	Japan	3,26,265	68,208
		Korea Rep.	12,353	3,622
4.	Manufactured goods classified chiefly by material <sup>a</sup> .	Iran	7	65
		Qatar	1	11
		German F. Rep.	53	3,730
4.1	Aluminium ...	China Rep.	502	2,950
		Hongkong	1,279	7,522
		Japan	4,012	24,486
		Netherlands	5,519	33,965
		Philippines	502	2,991
Total: All sections			1,09,98,002	13,10,073

Source: -- Department of Commercial, Intelligence and Statistics, Calcutta.

**XVIII. STATE FINANCE**  
**80. BUDGET AT A GLANCE 1982-83**

(Rs. in lakhs)

Sl. No.	Item	1980-81 Actuals	1981-82 Revised Esti- mates	1982-83 Budget Esti- mates
1	2	3	4	5
<b>I. Revenue Account:</b>				
1.	Tax Revenue and Non-Tax Revenue (excluding Grants-in-aid) ... ..	3,534.25	3,611.86	4,243.95
2.	Grants-in-aid received/due ... ..	1,659.93	2,293.36	2,310.87
3.	Total Revenue Receipts ... ..	5,194.18	5,905.22	6,554.82
4.	Expenditure on Revenue Account ... ..	52,04.98	63,304.20	6,554.82
5.	Surplus (+) or Deficit (-) ... ..	(-)10.80	(-)398.98	-
<b>II. Capital Account:</b>				
1.	Recoveries of Loans and Advances by Union Territory Government ... ..	78.56	77.14	79.14
2.	Loans and advances from Central Government ... ..	3,203.27	3,806.23	4,522.27
3.	Total Capital Receipts ... ..	3,281.83	3,883.37	4,601.41
4.	Expenditure on Capital Account ... ..	3,228.29	3,883.37	4,601.41
5.	Surplus (+) or Deficit (-) ... ..	53.54	-	-
<b>III. Overall Budgetary Position:</b>				
1.	Total Receipts on Revenue and Capital Account ... ..	8,476.01	9,788.59	11,156.23
2.	Total Expenditure met from Revenue and capital account ... ..	8,433.27	10,187.57	11,156.23
3.	Surplus (+) or Deficit (-) ... ..	(+ )42.74	(-)398.98	-

Source: — Annual Financial Statement 1982-83.

## XVIII. STATE FINANCE

### 81. DETAILED STATEMENT OF THE REVENUE

(Rs. in lakhs)

Sl. No.	Receipts	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
<b>A. Tax Revenue:</b>				
	Land Revenue ...	12.13	13.29	13.29
	Stamps and registration fees ...	84.88	83.66	84.36
	Estate duty ...	-	0.10	0.10
	State excise ...	301.42	305.32	319.62
	Sales tax ...	1,220.66	1,343.50	1,477.85
	Taxes on vehicles ...	123.71	125.67	128.65
	Taxes on goods and passengers ...	52.02	55.00	59.00
	Taxes and duties on electricity ...	0.28	-	-
	Other taxes and duties on commodities and services ...	52.92	53.05	55.05
	<b>Total — Tax Revenue ...</b>	<b>1,848.02</b>	<b>1,979.59</b>	<b>2,137.92</b>
<b>B. Non-Tax Revenue:</b>				
	Interest receipts ...	111.81	116.38	116.43
	Dividends and profits ...	3.41	2.82	2.82
	Police ...	0.53	0.94	0.94
	Jails ...	0.68	1.10	1.10
	Stationery and printing ...	2.69	3.01	3.59
	Public Works ...	10.61	11.69	12.46
	Other Administrative Services ...	24.62	30.28	26.18
	Contribution and Recoveries towards pension and other retirement benefits ...	3.72	3.97	3.20

## XVIII. STATE FINANCE

### 81. DETAILED STATEMENT OF THE REVENUE (contd.)

(Rs. in lakhs)

Sl. No.	Receipts	Actuals 1980-81	Revised Estimates 1981-1982	Budget Estimates 1982-83
1	2	3	4	5
	Miscellaneous general services ... ..	(-) 4.09	0.15	0.15
	Education ... ..	8.12	6.90	7.40
	Art and Culture ... ..	0.16	0.12	0.12
	Medical ... ..	13.62	7.36	7.47
	Family Welfare ... ..	0.09	0.02	0.02
	Public Health, Sanitation and Water Supply ... ..	147.82	308.99	320.49
	Housing ... ..	14.21	14.45	15.88
	Information and Publicity ... ..	0.18	0.07	0.07
	Labour and Employment ... ..	2.50	2.49	2.49
	Social Security and Welfare ... ..	12.25	12.25	12.25
	Co-operation ... ..	0.72	1.06	1.06
	Other General Economic Services ... ..	1.53	1.32	1.37
	Agriculture ... ..	26.28	36.45	38.07
	Minor Irrigation, Soil Conservation and Area Development ... ..	1.40	1.67	2.13
	Animal Husbandry & Dairy Development ... ..	7.42	13.86	13.86
	Fisheries ... ..	4.77	5.70	5.70
	Forests ... ..	201.16	100.10	100.10
	Community Development ... ..	0.76	0.33	0.24
	Industries ... ..	10.41	10.38	10.38
	Village and Small Industries ... ..	3.27	2.01	2.11

XVIII. STATE FINANCE

81. DETAILED STATEMENT OF THE  
REVENUE (concl'd.)

(Rs. in lakhs)

Sl. No.	Receipts	Actuals 1980-81	Revised Estimates 1981-1982	Budget Estimates 1982-83
1	2	3	4	5
	Mines and Minerals...	185.90	150.81	150.81
	Irrigation, Navigation, Drainage and Flood Control Projects ...	0.48	0.88	0.88
	Power Projects ...	789.18	684.79	1,139.79
	Ports, Lighthouses and Shipping ...	28.21	21.90	23.15
	Roads and bridges ...	16.71	21.18	24.07
	Road and Water Transport Services	38.25	38.49	39.38
	Tourism ...	16.85	18.35	19.90
	<b>Total — Non-Tax Revenue</b> ...	<b>1,686.23</b>	<b>1,632.27</b>	<b>2,106.03</b>
<b>C. Grants-in-aid and con- tributions:</b>				
	Grants-in-aid from Central Government	1,659.93	2,293.36	2,310.87
	<b>Total — Grants- in - aid and contributions ...</b>	<b>1,659.93</b>	<b>2,293.36</b>	<b>2,310.87</b>
	<b>Total — Revenue (A+B+C) ...</b>	<b>5,194.18</b>	<b>5,906.22</b>	<b>6,554.82</b>

Source: — Annual Financial Statement 1982-83.

XVIII. STATE FINANCE

**82. DETAILED STATEMENT OF THE EXPENDITURE MET FROM REVENUE**

(Rs. in lakhs)

Sl. No.	Disbursements	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
I.	Non-Development Expenditure ... ..	1,456.76	1,551.80	1,491.54
A.	General Services ... ..	1,456.76	1,551.80	1,491.54
	Parliament / State / Union Territory Legislatures ... ..	7.39	9.05	8.95
	President/Vice President / Governor/ Administrator of Union Territories	5.42	6.43	6.55
	Council of Ministers Administration of Justice ... ..	28.30	33.45	35.40
	Elections ... ..	2.64	6.00	6.40
	Land Revenue ... ..	13.10	13.93	14.65
	Stamps and Registration ... ..	10.83	11.53	11.85
	State Excise ... ..	18.53	21.00	21.61
	Sales Tax ... ..	10.77	12.46	13.15
	Taxes on Vehicles	6.42	6.90	7.32
	Other taxes and duties on commodities and Services	2.97	2.80	2.89
	Other fiscal services	0.12	0.18	1.10
	Interest Payments Charged ... ..	794.49	921.60	872.52
	Secretariat — General Services ... ..	31.52	38.24	41.80
	District Administration	46.01	52.63	54.12

**XVIII. STATE FINANCE**

**82. DETAILED STATEMENT OF THE EXPENDITURE MET FROM REVENUE (contd.)**

(Rs. in lakhs)

Sl. No.	Disbursements	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
	Treasury and Accounts Administration ... ..	30.89	36.48	36.36
	Police ... ..	199.77	259.00	265.70
	Jails ... ..	13.47	15.00	15.44
	Stationery and Printing ... ..	47.96	59.45	50.45
	Public Works ... ..	46.52	(-) 104.66	(-) 127.22
	Fire Protection and Control ... ..	5.81	11.80	7.00
	Other Administrative Services ... ..	12.87	14.43	16.25
	Pension and other Retirement benefits ... ..	116.96	119.50	122.00
	Miscellaneous General Services ... ..	-	0.10	2.50
II.	Development Expenditure	3,748.22	4,752.40	5,063.28
B.	Social and Community Services	2,139.88	2,563.45	2,612.74
	Secretariat-Social and Community Services ... ..	5.03	5.51	6.50
	Education ... ..	1,203.66	1,364.53	1,446.59
	Art and Culture ... ..	63.07	106.25	75.20
	Medical ... ..	437.10	515.85	561.50
	Family Welfare ... ..	20.45	26.97	30.16
	Public Health, Sanitation and Water Supply ... ..	160.84	205.68	186.99

XVIII. STATE FINANCE

82. DETAILED STATEMENT OF THE EXPENDITURE MET FROM REVENUE (contd.)

(Rs. in lakhs)

Sl. No.	Disbursements	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
	Housing ... ..	19.41	21.00	21.00
	Urban Development	68.62	119.78	99.40
	Information and Publicity ... ..	17.30	23.94	19.50
	Labour and Employment ... ..	75.95	98.07	83.48
	Social Security and Welfare ... ..	68.25	75.67	82.12
	Relief on account of natural calamities ... ..	0.20	0.20	0.30
C.	Economic Services ...	1,608.34	2,188.95	2,450.54
	Secretariat — Economic Services ...	7.24	11.90	8.75
	Co-operation ...	31.17	24.35	36.80
	Other General Economic Services ...	20.86	25.24	28.96
	Agriculture ... ..	106.99	125.25	130.36
	Minor Irrigation ...	43.10	37.45	42.70
	Soil and Water Conservation ... ..	5.92	7.18	14.27
	Area Development... ..	41.17	68.00	76.50
	Food ... ..	4.95	5.72	5.89



XVIII. STATE FINANCE

84. STATEMENT OF EXPENDITURE  
ON CAPITAL ACCOUNT

(Rs. in lakhs)

Sl. No.	Item	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
I.	Development Expenditure ... ..	2,248.51	2,756.10	3,309.53
1.	Capital Outlay on Education, Art and Culture ... ..	100.35	114.47	87.03
2.	Capital Outlay on Medical ... ..	153.58	122.00	181.00
3.	Capital Outlay on Public Health, Sanitation and Water Supply ... ..	288.57	344.90	451.00
4.	Capital Outlay on Housing ... ..	71.95	65.40	97.39
5.	Capital outlay on cooperation ... ..	60.84	50.75	101.75
6.	Capital outlay on Agriculture ... ..	14.52	9.73	15.73
7.	Capital outlay on Minor Irrigation, Soil Conservation and Area Development ... ..	117.14	133.00	158.00
8.	Capital outlay on Food ... ..	(-)-66.58	-	-
9.	Capital outlay on Animal Husbandry...	26.82	21.00	22.60

## XVIII. STATE FINANCE

### 84. STATEMENT OF EXPENDITURE ON CAPITAL ACCOUNT (contd.)

(Rs. in lakhs)

Sl. No.	Item	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
10.	Capital outlay on Dairy Development	15.63	18.16	15.71
11.	Capital outlay on Fisheries ... ..	39.41	40.50	34.90
12.	Capital outlay on Forests ... ..	40.01	45.90	44.00
...	Capital outlay on Industrial Research and Development ...	112.70	93.00	113.00
14.	Capital outlay on village and Small Industries ... ..	0.50	8.00	17.00
5.	Investments in Industrial Financial Institutions ... ..	8.00	6.50	6.50
16.	Capital outlay on Irrigation, Navigation, Drainage and Flood Control Projects ... ..	567.91	656.33	980.50
17.	Capital outlay on Power Projects ...	222.47	440.67	440.92
18.	Capital outlay on Ports, Lighthouses and Shipping ...	2.48	1.15	6.00
19.	Capital outlay on Roads and Bridges...	282.44	379.02	405.00

XVIII. STATE FINANCE

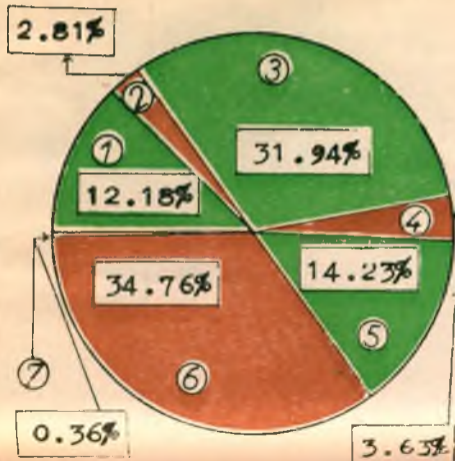
**84. STATEMENT OF EXPENDITURE  
ON CAPITAL ACCOUNT (concl.)**

(Rs. in lakhs)

Sl. No.	Item	Actuals 1980-81	Revised Estimates 1981-82	Budget Estimates 1982-83
1	2	3	4	5
20.	Capital outlay on Roads and Water Transport Services...	113.00	122.62	77.50
21.	Capital outlay on other Transport and Communication Services ... ..	76.77	83.00	64.00
	II. Non-Development Expenditure ...	979.78	1,127.27	1,291.88
1.	General Services ...	27.36	65.75	52.10
2.	Loans and Advances from Central Government (Repayment)...	764.53	885.90	1,065.46
3.	Loans and Advances by Union Territory Government ... ..	187.89	175.62	174.32
	Total (I+II) ...	3,228.29	3,883.37	4,601.41

Source: — Annual Financial Statement 1982-83.

# ANNUAL PLAN BUDGET ESTIMATES 1982-83



1. Agriculture and Allied Services
2. Co-operation
3. Water & Power
4. Industries and Minerals
5. Transport and Communication
6. Social & Community Services
7. Economic Services
3. General Services (neg.)

## XVIII. STATE FINANCE

### 85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85

(By Heads of Development)

(Rs. in lakhs)

Sl. No	Programme Head of Development/ Sub-Head	Five year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
<b>I — Agriculture and Allied Services:</b>					
<b>1. Agriculture</b>					
	a. Agriculture Production...	450.00	70.74	78.00	85.00
	b. Agriculture credit... ..	25.00	-	-	6.00
	c. Agriculture Marketing & quality control ... ..	50.00	3.64	4.00	4.00
	Sub-Total — 1	525.00	74.38	82.00	95.00
	2. Land Reforms	110.00	27.00	30.70	27.00
	3. Minor Irrigation ... ..	600.00	81.26	95.00	120.00
	4. Soil and Water Conservation ... ..	125.00	40.49	30.00	35.00
	5. C A D A	35.00	1.01	8.00	7.50
	6. Animal Husbandry ... ..	320.00	56.16	55.00	64.00

**XVIII. STATE FINANCE**

**85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)**

**(By Heads of Development)**

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
	7. Dairy Development ...	75.00	11.11	15.00	18.00
	8. Fisheries ...	400.00	66.22	69.60	70.00
	9. Forests ...	450.00	80.43	90.00	91.00
	10. Community Development..				
	a. Panchayati Raj ... ..	30.00	5.41	8.80	6.00
	b. Community Development	15.00	16.47	13.00	4.00
	Sub-Total—10	45.00	21.88	21.80	10.00
	Total: Agriculture and allied services... ..	2,685.00	459.94	497.10	537.50
	<b>II — Co-operation :</b>				
	1. Co-operation...	450.00	89.70	66.50	124.00
	Total: — Co-operation ...	450.00	89.70	66.50	124.00

XVIII. STATE FINANCE

**85, PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)**  
(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of De- velopment/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
<b>III — Water and Power Development:</b>					
	1. Water Development ...	150.00	8.16	20.00	50.00
	2. Irrigation ...	3,850.00	517.26	626.00	950.00
	3. Flood Control ...	50.00	11.05	10.00	9.00
	4. Transmis- sion & Dis- tribution ...	1,800.00	230.16	350.00	400.00
	<b>Total:—Water and Power Development</b>	<b>5,850.00</b>	<b>766.63</b>	<b>1,006.00</b>	<b>1,409.00</b>
<b>IV — Industries and Mines:</b>					
	1. Major and Medium In- dustries ...	600.00	120.70	100.00	120.00
	2. Villages and Small Indus- tries ...	250.00	46.30	48.00	40.00
	<b>Total: — In- dustries and Minerals ...</b>	<b>850.00</b>	<b>167.00</b>	<b>148.00</b>	<b>160.00</b>

XVIII. STATE FINANCE

**85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)**  
(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
<b>V — Transport and Communication ...</b>					
	1. Ports, Lighthouses and Shipping ...	40.00	2.48	1.15	6.00
	2. Roads and Bridges ...	1,600.00	295.86	380.00	410.00
	3. Road Transport ...	250.00	100.50	101.00	68.00
	4. Water Transport ...	200.00	56.88	45.00	38.00
	5. Tourism ...	700.00	105.73	118.00	106.00
	<b>Total:—Transport &amp; Communication...</b>	<b>2,790.00</b>	<b>561.45</b>	<b>645.15</b>	<b>628.00</b>
<b>VI — Social and Community Services:</b>					
	1. Education:				
	a. General Education (including Libraries) ...	820.00	168.85	178.00	189.00
	b. Sports and cultural affairs... ..	250.00	72.29	119.00	95.00



**XVIII. STATE FINANCE**

**85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)**

**(By Heads of Development)**

(Rs. in lakhs)

Sl. No.	Programme Head of De- velopment/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
	c. Development of Archives	25.00	0.96	7.00	9.00
	d. Gazetter ...	10.00	0.03	0.25	1.00
	Sub-Total — 1	1,105.00	242.13	304.25	294.00
<b>2.</b>	<b>Technical Education:</b>				
	a. Polytechnic.	95.00	33.22	34.38	35.00
	b. Food craft institute ...	25.00	12.28	1.00	10.00
	c. Engineering College ...	140.00	22.95	36.59	28.00
	Sub-Total — 2	260.00	68.45	71.97	73.00
<b>3.</b>	<b>Medical, Pu- blic Health &amp; Sanitation:</b>				
	a. General Health ...	350.00	73.64	83.65	81.50

**XVIII. STATE FINANCE**

**85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)**  
**(By Heads of Development)**

(Rs. in lakhs)

Sl. No.	Programme Head of De- velopment/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
	b. E S I	10.00	2.13	2.42	2.50
	c. Medical College ...	990.00	131.35	153.00	219.00
	d. Pharmacy college ...	25.00	11.66	10.00	6.00
	e. Institute of Psychiatry & Human be- haviour. ...	25.00	-	3.70	11.00
	f. Dental Col- lege ...	-	-	-	10.00
	Sub-Total — 3	1,400.00	218.78	252.77	330.00
4.	Sewerage and water supply	2,200.00	296.89	330.00	460.00
5.	Housing —				
	a) General housing				
	i. Housing Board ...	225.00	50.00	40.00	40.00
	ii. Village Housing ...	20.00	2.00	4.00	6.00
	iii. House sites for landless	5.00	1.00	1.00	4.00
		<b>132</b>			

XVIII. STATE FINANCE

85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)

(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
	b. Police Housing ... ..	200.00	25.19	26.75	40.00
	c. Departmental Housing	200.00	37.48	34.26	50.00
	d. Public Works ... ..	150.00	24.33	42.00	70.00
	Sub-Total — 5	800.00	140.00	148.01	210.00
6.	Urban Development				
	a. Town and Country Planning ...	160.00	35.85	26.00	30.00
	b. Urban (Local bodies) Development	200.00	25.00	60.83	35.00
	Sub-Total — 6	360.00	60.85	86.83	65.00
7.	Information and Publicity ... ..	30.00	9.81	43.87	12.00

XVIII. STATE FINANCE

85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)

(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays (1981-82)	Budget Estimates 1982-83
1	2	3	4	5	6
	8. Labour and Labour Welfare ...	210.00	54.08	77.59	60.00
	9. Social Welfare				
	a. Welfare of Backward classes ...	60.00	7.61	8.88	12.00
	b. Social Welfare ...	35.00	7.97	10.32	8.50
	Sub-Total — 9	95.00	15.58	19.20	20.50
	10. Nutrition ...	40.00	7.51	9.00	9.00
	Total: Social & Community Services	6,500.00	1,114.08	1,343.49	1,533.50

XVIII. STATE FINANCE

85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (contd.)

(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays (1981-82)	Budget Estimates 1982-83
1	2	3	4	5	6

-VII- Economic Services:

1. Secretariat Economic Services ...	10.00	3.66	7.68	4.00
2. Other General Economic Services				
a. Economic Advice & Statistics ...	28.00	0.13	4.41	7.00
b. Creation of State level Planning Board ...	10.00	3.06	2.10	-
c) Computer Centre ...	7.00	-	0.15	-
Sub-Total — 2	45.00	3.19	6.66	7.00

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XVIII. STATE FINANCE

**85. PLAN OUTLAY AND ANNUAL EXPENDITURE DURING THE FIVE YEAR PLAN, 1980-85 (concl'd.)**  
(By Heads of Development)

(Rs. in lakhs)

Sl. No.	Programme Head of Development/ Sub-Head	Five Year Plan outlay 1980-85	Actual expenditure for 1980-81	Revised outlays 1981-82	Budget Estimates 1982-83
1	2	3	4	5	6
	3. Regulation of Weights & Measures ...	10.00	2.40	210	5.00
	Total: Economic Services	65.00	9.25	1644	16.00
VIII — General Services					
	1. Administrative and Accounts Services for Planning purposes ...	10.00	2.41	532	4.00
	Grand Total...	19,200.00	3,170.46	3,72800	4,412.00

Source: — Directorate of Planning Statistics and Evaluation, Panaji.

## XIX. STATE INCOME

### 86. NET STATE DOMESTIC PRODUCT 1978-79 TO 1980-81

(At current and constant prices)

Sl. No.	Item	1978-79	1979-80	1980-81*
1	2	3	4	5
<b>I. Net State Domestic Product</b>				
(Rs. in lakhs):				
1.	At current prices .....	20,998.86	25,451.33	27,169.95
2.	At constant prices .....	12,293.19	13,046.18	13,702.99
<b>II. Per capita net state domestic product (Rs.):</b>				
1.	At current prices .....	2,118.96	2,527.44	2,658.51
2.	At constant prices .....	1,240.48	1,295.55	1,340.80
<b>III. Index number of net state domestic product:</b>				
1.	At current prices .....	273.7	331.8	354.2
2.	At constant prices .....	160.2	170.1	178.6
<b>IV. Index number of per capita net state domestic product:</b>				
1.	At current prices .....	231.4	276.0	290.3
2.	At constant prices .....	135.5	141.5	146.4
<b>V. Estimated population (in lakhs as on 1st October):</b>				
		9.91	10.07	10.22

\* Quick estimates.

Source:— Directorate of Planning, Statistics and Evaluation, Panaji.

**XIX. STATE INCOME**

**87. NET STATE DOMESTIC PRODUCT BY  
INDUSTRY OF ORIGIN 1978-79 TO 1980-81**

(At constant prices)

(Rs. in lakhs)

Sl. No.	Industry	1978-79	1979-80	1980-81 *
1	2	3	4	5
1.	Agriculture (proper) and live stock ... ..	2,500.90	2,301.98	2,623.01
2.	Forestry and logging ...	108.96	347.72	109.48
3.	Fishing ... ..	465.32	501.96	501.96
	Sub-total ... ..	3,075.18	3,151.66	3,234.45
4.	Mining and quarrying ...	789.29	1,125.71	1,127.11
5.	Large scale manufacturing ...	1,207.01	1,603.11	1,607.10
6.	Small scale manufacturing ...	914.70	942.22	995.04
7.	Construction ... ..	603.75	576.45	721.56
8.	Electricity gas and water supply ... ..	194.37	276.25	276.25
	Sub-total ... ..	3,709.12	4,523.74	4,727.06
9.	Transport and Communication ... ..	1,043.96	1,110.23	1,186.29
	9.1 Railways ... ..	87.40	89.47	91.37
	9.2 Communication ... ..	71.36	73.16	74.96
	9.3 Transport by other means	885.20	947.60	1,019.96
10.	Trade, storage, hotels and Resturants ... ..	1,116.16	1,183.71	1,257.24
	Sub-total ... ..	2,160.12	2,293.94	2,443.53



## XIX. STATE INCOME

### 87. NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN 1978-79 TO 1980-81 (Concl'd.)

(At constant prices)

(Rs. in lakhs)

Sl. No.	Industry	1978-79	1979-80	1980-81*
1	2	3	4	5
11.	Banking and Insurance ...	829.00	404.00	404.00
12.	Real estate and ownership of dwelling ...	596.90	607.46	666.38
13.	Public administration and defence ...	882.35	920.31	1,012.13
14.	Other Services ...	1,040.51	1,145.07	1,215.44
	Sub-total ...	3,348.77	3,076.84	3,297.95
	Total — Net state domestic product ...	12,293.19	13,046.18	13,702.99
	Per Capita income (Rs.) ...	1,240.48	1,295.55	1,340.80

\* Quick Estimates.

Source: — Directorate of Planning Statistics and Evaluation, Panaji.

## XIX. STATE INCOME

### 88. NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN 1978-79 TO 1980-81

(At current prices)

(Rs. in lakhs)

Sl. No.	Industry	1978-79	1979-80	1980-81 *
1	2	3	4	5
1.	Agriculture (proper) and live stock ... ..	3,831.38	3,900.73	4,500.15
2.	Forestry and logging ...	292.07	1,102.04	432.52
3.	Fishing ... ..	683.75	749.09	749.09
	Sub-total ... ..	4,807.20	5,751.86	5,681.76
4.	Mining and quarrying ...	1,161.43	1,804.98	1,863.50
5.	Large scale manufacturing ...	3,343.43	4,352.78	4,799.33
6.	Small scale manufacturing ...	2,106.79	2,466.28	2,716.73
7.	Construction ... ..	975.36	972.11	1,273.96
8.	Electricity, gas and water supply ... ..	285.04	360.67	251.90
	Sub-total ... ..	7,872.05	9,956.82	10,905.42
9.	Transport and Communication ... ..	1,907.62	2,383.55	2,803.56
	9.1 Railways ... ..	135.20	146.89	157.08
	9.2 Communication ... ..	143.03	155.83	176.46
	9.3 Transport by other means	1,629.30	2,080.83	2,470.00

## XIX. STATE INCOME

### 88. NET STATE DOMESTIC PRODUCT BY INDUSTRY OF ORIGIN 1978-79

TO 1980-81 (Concl'd.)

(At current prices)

(Rs. in lakhs)

Sl. No.	Industry	1978-79	1979-80	1980-81*
1	2	3	4	5
0	Trade, storage, hotels & Restaurants ... ..	1,681.23	2,237.10	2,269.68
	Sub-total ... ..	3,588.85	4,620.65	5,073.24
	Banking and Insurance ... ..	829.00	849.00	849.00
12.	Real estate and ownership of dwelling ... ..	807.00	861.59	913.29
13.	Public administration and defence ... ..	882.36	920.31	1,012.13
14.	Other Services ... ..	2,212.40	2,491.10	2,735.11
	Sub-total ... ..	4,730.76	5,122.00	5,609.53
	Total — Net state domestic product ... ..	20,998.86	25,451.33	27,169.95
	Per Capita income (Rs.) ... ..	2,118.96	2,527.44	2,658.51

\* Quick Estimates.

Source: — Directorate of Planning Statistics and Evaluation, Panaji.

## XX. LOCAL BODIES

### 89. INCOME, EXPENDITURE AND IMPORTANT ACHIEVEMENTS OF THE VILLAGE PAN- CHAYATS FOR THE YEAR 1981-82

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	Number of panchayats:	185	6	3	194
2.	Income: (Rs.)				
i)	Grants from government ...	39,30,173	33,094	2,25,484	41,88,751
ii)	Other grants ...	4,29,927	-	3,896	4,33,823
iii)	Proceeds of taxes, fees etc. ...	34,36,937	26,984	1,47,772	36,11,693
iv)	Proceeds of loans etc. ...	5,66,048	-	-	5,66,048
v)	Sale proceeds ...	1,03,406	-	720	1,04,126
vi)	Others ...	29,41,780	6,342	86,014	30,34,136
	<b>Total Income ...</b>	<b>1,14,08,271</b>	<b>66,420</b>	<b>4,63,886</b>	<b>1,19,38,577</b>
3.	Expenditure: (Rs.)				
i)	Administration ...	13,83,601	16,707	68,993	14,69,301
ii)	Sanitation and Public Health ...	1,96,091	-	28,652	2,24,743
iii)	Public Works ...	49,46,983	51,781	2,81,623	52,80,387
iv)	Planning and Development ...	2,82,676	985	-	2,83,661
v)	Social Welfare ...	1,26,376	-	2,818	1,29,194
vi)	Education and Culture ...	1,91,792	648	12,533	2,04,973
vii)	Miscellaneous ...	6,13,045	920	48,695	6,62,660
	<b>Total Expenditure</b>	<b>77,40,564</b>	<b>71,041</b>	<b>4,43,314</b>	<b>82,54,919</b>
4.	Important Achievements:				
i)	Construction of village paths and roads (Kms.) ...	188.10	0.12	0.53	188.75

## XX. LOCAL BODIES

### 89. INCOME, EXPENDITURE AND IMPORTANT ACHIEVEMENTS OF THE VILLAGE PAN- CHAYATS FOR THE YEAR 1981-82 (Concl'd.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
ii)	Repairs of village paths and roads (Kms.) ...	1,141.15	2.50	0.50	1,144.15
iii)	Construction of motorable roads (Kms.) ...	132.30	-	-	132.30
iv)	Compost pits dug (No.) ...	1,652	71	8	1,731
v)	Trees planted (No.)	54,954	2,000	-	56,954
vi)	Construction of school buildings (No.) ...	4	-	-	4
vii)	Repairs of school buildings (No.) ...	34	-	-	34
iii)	Drinking water wells constructed (No.) ...	17	-	-	17
ix)	Drinking water wells repaired (No.) ...	82	-	-	82
x)	Construction of culverts (No.) ...	61	-	-	61
xi)	Construction of panchayat ghars (No.) ...	3	-	-	3
ii)	Foot bridges constructed (No.) ...	52	-	-	52

Source : — Block Development Offices.

**XX. LOCAL BODIES**  
**90. FINANCES OF MUNICIPALITIES**

(Rs. in lakhs)

District/Taluka	1981-82 Estimated		1982-83 Estimated	
	Receipts	Expenditure	Receipts	Expenditure
1	2	3	4	5
<b>GOA, DAMAN AND</b>				
<b>DIU ... ..</b>	430.40	428.58	531.10	536.90
<b>GOA DISTRICT ...</b>	399.45	397.20	495.01	501.46
Tiswadi ... ..	53.03	53.03	57.40	57.40
Bardez ... ..	44.34	42.80	43.41	42.63
Bicholim ... ..	30.89	38.28	26.66	33.78
Ponda ... ..	85.40	84.62	111.48	111.19
Sanguem ... ..	19.36	19.36	26.69	26.69
Canacona ... ..	*	*	12.18	12.18
Quepem ... ..	*	*	19.69	21.25
Salcete ... ..	125.31	117.99	128.76	127.85
Mormugao ... ..	41.12	41.12	68.74	68.49
<b>DAMAN DISTRICT ...</b>	16.16	16.59	17.91	17.26
Daman ... ..	16.16	16.59	17.91	17.26
<b>DIU DISTRICT... ..</b>	14.79	14.79	18.18	18.18
Diu ... ..	14.79	14.79	18.18	18.18

\* Estimates are not available because these have been reconstituted as municipalities in 81-82 only.

Source: — Respective Municipality in the territory.

## XX. LOCAL BODIES

### 91. INCOME AND EXPENDITURE OF MUNICIPAL COUNCILS, 1980-81

(Rs. in lakhs)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
<b>INCOME</b>					
<b>I. Municipal rates and taxes:</b>					
a)	Octroi ... ..	3.93	1.94	1.90	7.77
b)	Taxes on houses and lands ... ..	26.39	1.13	0.17	27.69
c)	Lighting, water and conservancy rates ...	-	-	-	-
d)	Others ... ..	6.82	3.38	0.10	10.30
	Total I ...	37.14	6.45	2.17	45.76
<b>II. Income from other sources:</b>					
a)	Government grants	44.45	2.93	1.93	49.31
b)	Other sources ...	49.09	-	1.73	50.82
	Total II ...	93.54	2.93	3.66	100.13

## XX. LOCAL BODIES

### 91. INCOME AND EXPENDITURE OF MUNICIPAL COUNCILS, 1980-81 (Concl'd.)

(Rs. in lakhs)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
	Total income (excluding extraordinary debts and opening balance) ...	130.68	9.38	5.83	145.89
	EXPENDITURE				
	a) Public lighting ...	8.24	0.83	0.58	9.65
	b) Water supply ...	0.92	0.01	- -	0.93
	c) Drainage, conservancy and sanitary	27.72	3.20	1.50	32.42
	d) Roads ... ..	25.12	0.43	0.28	25.83
	e) Others ... ..	96.67	6.17	2.89	105.73
	Total expenditure (excluding extraordinary, debts and closing balance) ... ..	158.67	10.64	5.25	174.56

Source: — All Municipalities in Goa, Daman and Diu



**XXI. COMMUNITY DEVELOPMENT PROGRAMME**  
**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY**  
**DEVELOPMENT PROJECTS, 1981-82**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4

**1. Agriculture:**

<b>A I</b>	Distribution of im- proved seeds:		
a)	Paddy ... ..	Kgs.	1,49,470
b)	Wheat ... ..	>	4,000
c)	Jowar ... ..	>	1,060
d)	Maize ... ..	>	2,286
e)	Ragi ... ..	>	578
f)	Bajra (Local H. Y.V.) ... ..	>	3,550
g)	Other cereals ... ..	>	295
	Total ... ..	>	1,61,239
<b>A II</b>	Other crops:		
a)	All pulses ... ..	Kgs.	43,822
b)	Cotton ... ..	>	-
c)	Oil seeds ... ..	>	4,957
d)	Vegetable seeds ... ..	>	891
e)	Spices and condi- ments ... ..	>	235
	Total ... ..	>	49,905
<b>B</b>	Distribution of fertili- zers and manures:		
<b>I.</b>	Chemical fertilizers distributed:		
a)	All nitrogenous compounds ... ..	Tons	27,043

**XXI. COMMUNITY DEVELOPMENT PROGRAMME**  
**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY**  
**DEVELOPMENT PROJECTS, 1981-82 (contd.)**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4
	b) All phosphate com- pounds ... ..	Tons.	12,865
	c) All potassic com- pounds ... ..	>	12,195
	<b>Total</b> ... ..	>	52,103
	II. Bonemeal ... ..	Quintal	304
	III. Green manure seeds	Kgs.	26,540
C	Total value of improved implements ... ..	Rs.	25,579
D	Other items:	Kgs.	30,154
E	Chemical pesticides distributed:		
	a) Solid pesticides ... ..	Kgs.	20,403
	b) Liquid pesticides ... ..	Litres	2,574
F	Compost pits filled ... ..	No.	3,867
G	Fruit trees planted ... ..	>	3,56,089
<b>2. Animal Husbandry:</b>			
A	Improved animals sup- plied:		
	a) Bulls ... ..	No.	25
	b) Buffelo bulls ... ..	>	80
	c) Rams ... ..	>	-
	d) Bucks (He goats) ... ..	>	-
	e) Bears/sows ... ..	>	2
	f) Cow cross bred ... ..	>	2
	<b>Total</b> ... ..	>	109

## XXI. COMMUNITY DEVELOPMENT PROGRAMME

### 92. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS, 1981-82 (contd.)

Sl. No.	Item	Unit	Total Achievements during the year ending March, 1982)
1	2	3	4
B	Improved birds supplied:		
	a) Baby chicks ... ..	No.	9,460
	b) Cockerels for upgrading ... ..	>	9,418
	c) Others for breeding	>	587
	Total ... ..	>	19,465
C	Hatching eggs supplied	>	37,797
D	Animals castrated:		
	a) Bulls and buffeloes	No.	570
	b) Others ... ..	>	212
	Total ... ..	>	782
E	Animals artificially inseminated:		
	a) Cows ... ..	No.	1,534
	b) Buffeloes ... ..	>	12
	Total ... ..	>	1,546
F	Preventive inoculations/vaccinations done ...	>	1,06,432
G	Animals treated ...	>	9,717
H	New silo pits constructed ... ..	>	1,795

**XXI. COMMUNITY DEVELOPMENT PROGRAMME**  
**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS, 1981-82 (contd.)**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4
<b>3. Minor irrigation works constructed:</b>			
A	Additional area likely to be irrigated by:		
	1. Kacha wells constructed ... ..	No.	-
		Area/Ha.	-
	2. Kacha wells repaired /renovated ... ..	No.	4
		Area/Ha.	8.00
	3. Pucca wells constructed ... ..	No.	103
		Area/Ha.	110.00
	4. Pucca wells repaired /renovated ... ..	No.	1
		Area/Ha.	1.00
	5. Tanks constructed ...	No.	13
		Area/Ha.	58.00
	6. Tanks repaired/renovated ... ..	No.	-
		Area/Ha.	-
	7. Channels constructed (length in kms.)	Kms.	4
		Area/Ha.	4.00
	8. Channels repaired/renovated (length in Kms.) ... ..	Kms.	-
		Area/Ha.	-
	9. Tube wells constructed ... ..	No.	-
		Area/Ha.	-
	10. Pump sets installed	No.	56
		Area/Ha.	61.00
	11. Lift irrigation ...	No.	15
		Area/Ha.	134.00
	12. Others (Bhandara)	No.	43
		Area/Ha.	54.00
	Total gross additional area likely to be irrigated ... ..	Area/Ha.	430.00

**XXI. COMMUNITY DEVELOPMENT PROGRAMME**

**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS, 1981-82 (contd.)**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4
<b>4. Land reclamation and improvement:</b>			
A	Land reclaimed ... ..	Ha.	7,126.00
B	Soil conservation:		
	a) Area contour bunded	>	20.00
	b) Area terraced ... ..	>	107.00
C.	Area under dry farming ... ..	>	12.00
D	Area under afforestation ... ..	>	-
<b>5. Village and small industries:</b>			
A	Agro service centres set up ... ..	No.	-
B	Units set up for processing of agricultural & horticultural produce	>	9
C	Other new small industrial units set up ...	>	129
D	Financial assistance provided for setting up items (2+3) ...	Rs. (in '000)	170
<b>6 Health and Rural Sanitation:</b>			
A	Rural latrines constructed ... ..	Nos.	-
B	Pucca drains constructed ... ..	Metres	-
C	Village lanes paved ...	Sq. mts.	-
D	Smokeless chulhas installed ... ..	Nos.	-

**XXI. COMMUNITY DEVELOPMENT PROGRAMME**  
**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS, 1981-82 (Contd.)**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4
E	Gobar gas plants set up ... ..	No.	40
F	Drinking water facilities provided:		
	a) Wells constructed ...	»	52
	b) Wells renovated ...	»	15
	c) Handpump installed ...	»	1
	d) Overhead tanks with electric power installed ... ..	»	-
G	Sterilisation operations performed on:		
	a) Male ... ..	No.	6
	b) Female ... ..	»	4,256
<b>7. Social Education:</b>			
A	Literacy centres started	No.	205
B	Adults made literate:		
	a) Men ... ..	»	1,778
	b) Women ... ..	»	1,959
	Total ... ..	»	3,737
C	Sewing centres functioning in rural areas ...	»	167
D	Women trained in sewing ... ..	»	3,018

**XXI. COMMUNITY DEVELOPMENT PROGRAMME**

**92. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS, 1981-82 (Concl'd.)**

Sl. No.	Item	Unit	Total (Achievements during the year ending March, 1982)
1	2	3	4
<b>8. Communications:</b>			
A	New kacha roads constructed ... ..	kms.	74
B	Existing kacha roads repaired ... ..	>	56
C	Culverts constructed ...	No.	47
D	Culverts repaired ...	>	15
E	Cross drainage work constructed ... ..	>	4
F	Cross drainage work repaired ... ..	>	-

Source: — Block Development Offices.

## XXII. TAXES

## 93. CUSTOMS REVENUE COLLECTED

(Rs. in lakhs)

Sl. No.	Articles	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
<b>I — IMPORTS</b>				
<b>(a) Revenue duties:</b>				
1.	Spirits and liquors ... ..	2.32	1.77	0.09
2.	Chemicals including drugs and medicines ... ..	108.02	126.50	248.46
3.	Machinery ' ... ..	58.78	59.24	54.92
4.	Iron and Steel ... ..	1.56	4.31	5.00
5.	Motor vehicle parts ... ..	9.41	17.91	19.48
6.	Wood, pulp, paper and stationery ... ..	0.01	0.26	2.33
7.	Copper ... ..	1,415.14	0.06	2.79
8.	Zinc ... ..	7.71	-	0.30
9.	All other articles ... ..	66.72	161.99	43.10
	Sub-total ... ..	1,669.65	372.04	376.47
<b>(b) Auxiliary duties:</b>				
1.	Spirits and liquors ... ..	0.05	0.03	-
2.	Machinery ... ..	3.05	6.66	13.83



## XXII. TAXES

### 93. CUSTOMS REVENUE COLLECTED (contd.)

(Rs. in lakhs)

Sl No.	Articles	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
3.	Chemicals, drugs and medicines ... ..	-	21.89	0.04
4.	Iron and steel ... ..	0.36	1.01	1.46
5.	Motor vehicle parts ... ..	1.10	2.07	3.88
6.	Wood, pulp, paper and stationery ... ..	-	0.05	0.58
7.	Fertilizers ... ..	96.68	11.58	15.65
8.	Pneumatic, rubber tyres and tubes ... ..	-	1.14	-
9.	Copper ... ..	0.01	0.01	0.01
10.	Zinc ... ..	0.96	-	0.10
11.	All other articles ... ..	9.62	34.54	10.66
	Sub-total ... ..	111.83	78.98	46.21
<b>(c) Additional duties:</b>				
1.	Spirits and liquors ... ..	0.85	0.69	0.02
2.	High speed diesel ... ..	403.72	475.27	439.66
3.	Industrial fuel oil ... ..	88.96	110.91	48.42
4.	Chemicals, including drugs and medicines ... ..	-	20.38	0.03

## XXII. TAXES

## 93. CUSTOMS REVENUE COLLECTED (contd.)

(Rs. in lakhs)

Sl. No.	Articles	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
5.	Machinery ... ..	16.85	16.66	16.54
6.	Iron and steel ... ..	0.46	1.21	1.54
7.	Motor cars, motorcycles, motorscooters, omnibuses, chassis, vans, lorries and parts thereof ... ..	2.30	5.08	4.56
8.	Wood, pulp, paper and stationery ... ..	-	-	-
9.	Pneumatic rubber tyres and tubes ... ..	-	2.35	-
10.	Copper ... ..	361.63	0.04	1.57
11.	Fertilizers ... ..	159.47	22.18	30.64
12.	Kerosene oil ... ..	207.08	236.52	-
13.	Zinc ... ..	9.35	-	0.07
14.	All other articles ... ..	18.85	139.21	392.22
15.	Recovery of excess payment of D. B. K. ... ..	-	-	1.75
	Sub-total ... ..	1,269.52	1,030.43	937.02
	Total (a+b+c): ... ..	3,051.01	1,481.59	1,359.70

## XXII. TAXES

## 93. CUSTOMS REVENUE COLLECTED (concl'd.)

(Rs. in lakhs)

Sl. No.	Articles	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
<b>II — EXPORTS</b>				
<b>(a) Export duties:</b>				
1.	Manganese Ore ... ..	41.38	44.01	29.67
2.	Lumpy iron ore ... ..	128.04	172.81	84.60
3.	Iron ore fines <sup>†</sup> (including blue dust) ... ..	380.42	361.60	449.59
	Deoiled groundnut oil ...	18.91	7.70	-
	Sub-total ... ..	568.75	586.12	563.86
(b)	Total cess on exports .. ..	32.94	33.81	65.40
(c)	Miscellaneous ... ..	29.49	30.98	23.15
	Total: (a+b+c) ... ..	631.18	650.91	652.41
	<b>Total — Gross Customs Revenue ... ..</b>	<b>3,682.19</b>	<b>2,132.41</b>	<b>2,012.11</b>
	<b>Total Refunds and Draw-backs ... ..</b>	<b>193.80</b>	<b>59.74</b>	<b>66.91</b>
	<b>Net Customs Revenue ...</b>	<b>3,488.39</b>	<b>2,072.67</b>	<b>1,945.20</b>

Source: — Collectorate of Customs and Central Excise, Goa.

## XXII. TAXES

### 94. COMMODITYWISE CENTRAL EXCISE REVENUE COLLECTED IN GOA

(Rs. in lakhs)

Sl. No.	Commodity	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
1.	Refined diesel oil ... ..	460.14	285.16	316.54
2.	Motor spirit ... ..	736.17	609.84	579.40
3.	Superior kerosene ... ..	82.02	23.53	122.92
4.	Furnace oil ... ..	99.56	32.34	108.29
5.	Cosmetics ... ..	45.54	30.09	45.96
6.	Patent and proprietary medicines ... ..	45.32	62.29	99.84
7.	Prepared and preserved food	2.30	1.79	1.10
8.	Sodium silicate ... ..	1.06	0.88	0.42
9.	Aerated water ... ..	30.47	38.59	46.59
10.	Paints and varnishes ... ..	3.62	5.26	5.75
11.	Cotton yarn ... ..	8.57	10.12	13.41
12.	Fertilizers ... ..	400.61	68.78	—
13.	Tyres and tubes ... ..	1,553.61	1,837.63	991.67
14.	Sugar ... ..	43.88	31.53	27.80
15.	Raw naphta ... ..	-	0.24	—
16.	Rubber products ... ..	12.91	19.83	7.61
17.	Miscellaneous ... ..	199.56	250.43	237.39
	Gross Total ... ..	3,725.34	3,308.33	2,604.69
	Refund ... ..	10.80 (R)	16.81	4.67
	Net Total ... ..	3,714.54	3,291.52	2,600.02

Source:—Collectorate of Customs and Central Excise, Goa.

## XXII. TAXES

### 95. NUMBER OF REGISTERED SALES TAX DEALERS

District/Taluka	Number of registered dealers					
	1979-80		1980-81		1981-82	
	Local	Central	Local	Central	Local	Central
1	2	3	4	5	6	7
<b>GOA, DAMAN AND DIU</b>	6,848	4,363	7,262	4,764	7,516	5,057
<b>GOA DISTRICT</b> .....	6,297	4,003	6,688	4,380	6,917	4,657
Tiswadi ... ..	1,405	990	1,497	1,085	1,530	1,155
Bardez ... ..	882	551	944	607	993	658
Pernem ... ..	107	18	113	23	116	26
Bicholim ... ..	339	156	359	176	371	187
Satari ... ..	114	12	127	16	129	16
Ponda ... ..	593	301	644	349	689	393
Sanguem ... ..	168	58	164	57	162	59
Canacona ... ..	67	27	69	31	71	32
Quepem ... ..	292	196	300	210	297	214
Salcete ... ..	1,626	1,249	1,692	1,321	1,739	1,384
Mormugao ... ..	704	445	779	505	820	533
<b>DAMAN DISTRICT</b> .....	400	246	416	262	442	280
Daman ... ..	400	246	416	262	442	280
<b>DIU DISTRICT</b> .....	151	114	158	122	157	120
Diu ... ..	151	114	158	122	157	120

Source — Office of the Commissioner of Sales Tax, Panaji.

**XXII. TAXES**  
**96. SALES TAX COLLECTED**

(In rupees)

District/Taluka	Year					
	1979-80		1980-81		1981-82	
	Local 2	Central 3	Local 4	Central 5	Local 6	Central 7
<b>GOA DISTRICT</b> ... ..	10,34,22,000	1,14,85,600	11,98,17,730	1,74,11,741	15,97,92,804	2,36,36,658
Tiswadi ... ..	2,08,81,000	41,04,000	2,16,51,098	91,51,079	2,82,18,401	99,91,767
Bardez ... ..	45,32,000	3,74,000	49,96,316	4,52,949	56,64,976	7,18,195
Pernem ... ..	20,000	1,000	30,441	-	19,108	10,255
Bicholim ... ..	7,38,000	68,000	7,78,497	2,51,524	9,87,509	7,64,004
Satari ... ..	28,000	300	25,214	25	45,795	-
Ponda ... ..	30,51,000	6,18,000	52,88,874	8,43,244	54,00,277	18,74,927
Sanguem ... ..	1,90,000	20,000	2,88,410	15,909	1,02,135	8,379
Canacona ... ..	46,000	300	60,414	29	43,786	65
Quepem ... ..	4,03,000	-	4,28,396	10	5,04,309	9,586
Salcete ... ..	2,21,12,000	9,01,000	2,59,35,616	10,13,941	3,52,30,781	13,24,845
Mormugao ... ..	5,14,21,000	53,99,000	6,03,34,454	56,83,031	8,35,75,727	89,34,635

## 96. SALES TAX COLLECTED

(concl.)

(In rupees)

District/Taluka	Year					
	1979-80		1980-81		1981-82	
	Local 2	Central 3	Local 4	Central 5	Local 6	Central 7
DAMAN DISTRICT...	11,14,000	2,41,000	12,44,051	2,11,151	14,48,885	2,51,677
Daman ... ..	11,14,000	2,41,000	12,44,051	2,11,151	14,48,885	2,51,677
DIU DISTRICT ...	7,60,000	100	10,38,855	2,911	10,93,888	177
Diu ... ..	7,60,000	100	10,38,855	2,911	10,93,888	177
GOA, DAMAN AND DIU ... ..						
(Gross Total ...	10,52,96,000	1,17,26,700	12,21,00,636	1,76,25,803	16,23,35,577	2,38,88,512
Less refunds ...	48,967	5,389	34,401	1,57,061	1,41,853	1,79,589
GOA, DAMAN AND DIU ... ..						
(Net Total) ...	10,52,47,033	1,17,21,311	12,20,66,235	1,74,68,742	16,21,93,724	2,37,08,923

Source:—Office of the Commissioner of Sales Tax, Panaji.

**XXIII. EXCISE**

**97. NUMBER OF SHOPS LICENCED TO SELL LIQUORS AT THE END OF 1981-82**

District/Taluka	Toddy shops	Country liquor Shops	Bars	Total
1	2	3	4	5
<b>GOA, DAMAN AND DIU ... ..</b>	54	580	2,722	3,356
<b>GOA DISTRICT ...</b>	-	569	2,527	3,096
Tiswadi ... ..	-	89	332	421
Bardez ... ..	-	118	384	502
Pernem ... ..	-	1	87	88
Bicholim ... ..	-	25	101	126
Satari ... ..	-	21	51	72
Ponda ... ..	-	39	221	260
Sanguem ... ..	-	15	115	130
Canacona ... ..	-	2	112	114
Quepem ... ..	-	54	128	182
Salcete ... ..	-	164	703	867
Mormugao ... ..	-	41	293	334
<b>DAMAN DISTRICT ...</b>	53	10	81	144
Daman ... ..	53	10	81	144
<b>DIU DISTRICT... ..</b>	1	1	114	116
Diu ... ..	1	1	114	116

Source: — Office of the Commissioner of Excise, Panaji.



**XXIII. EXCISE**

**98. NUMBER OF LICENCES ISSUED FOR STILLS  
FOR MANUFACTURE OF LIQUORS**

Taluka	For cashew liquor from cashew juice		For country liquor from toddy	
	1980-81	1981-82	1980-81	1981-82
	2	3	4	5
Tiswadi	249	207	295	290
Bardez	172	234	289	275
Pernem	726	828	500	498
Bicholim	263	269	60	57
Satari	255	283	22	20
Ponda	207	209	333	301
Sanguem	273	132	251	372
Canacona	113	112	363	374
Quepem	91	95	282	272
Salcete	45	55	912	919
Mormugao	58	57	349	354
<b>Total</b>	<b>2,452</b>	<b>2,476</b>	<b>3,656</b>	<b>3,732</b>

Source:— Office of the Commissioner of Excise, Panaji.

**XXIII. EXCISE**

**99. PRODUCTION, IMPORTS AND EXPORTS  
OF LIQUORS**

(Quantity in litres)

Sl. No.	Item	Year	
		1980-81	1981-82
1	2	3	4
1.	Production of country liquor:		
	(a) Coconut feni ... ..	30,04,330	26,33,597
	(b) Cashew liquor ... ..	7,63,517	28,67,722
2.	Liquor produced in the territory:		
	(a) Indian made foreign liquor other than beer ... ..	17,94,527	31,90,409
	(b) Beer ... ..	83,35,141	71,97,823
3.	Liquor imported:		
	(a) Indian made foreign liquor other than beer ... ..	8,25,875	10,83,041
	(b) Beer ... ..	3,88,502	15,82,267
4.	Liquor exported from the ter- ritory to the rest of India:		
	(a) Indian made foreign li- quor other than beer ... ..	11,53,462	25,21,410
	(b) Beer ... ..	31,17,660	19,78,840
5.	(a) No. of coconut trees under tapping ... ..	76,278	75,188
	(b) No. of caju (Palm) trees under tapping ... ..	N. A.	33,853

Source: — Office of the Commissioner of Excise, Panaji

**XXIII. EXCISE**

**100. EXCISE REVENUE RECEIPTS COLLECTED**

(Rupees in lakhs)

Sl. No.	Item	Year	
		1980-81(R)	1981-82
1	2	3	4
1	Country spirits ... ..	76.17	87.71
1 A	Deduct refunds ... ..	-	0.13
2	Malt liquors ... ..	50.31	54.92
2 A	Deduct refunds ... ..	0.20	-
3	Foreign liquor and spirits ...	161.11	222.31
3 A	Deduct refunds ... ..	0.76	0.70
4	Denatured and commercial spirits ... ..	0.82	0.90
4 A	Deduct refunds ... ..	-	-
5	Medicinal and toilet preparations containing alcohol and opium ... ..	10.96	19.57
5 A	Deduct refunds ... ..	-	-
6	Fines and confiscations ...	1.28	2.92
6 A	Deduct refunds ... ..	-	-
7	Other receipts ... ..	-	-
7A	Recovery of overpayments ...	0.15	0.28
7B	Other items ... ..	1.58	1.33
7C	Deduct refunds ... ..	-	-
8	Receipts from distilleries ...	-	-
8 A	Deduct refunds ... ..	-	-
	<b>Total ... ..</b>	<b>303.34</b>	<b>390.77</b>

Source: -- Office of the Commissioner of Excise, Panaji.

## XXIV. LABOUR AND EMPLOYMENT

### 101. REGISTRATION AND EMPLOYMENT EFFECTED BY THE EMPLOYMENT EXCHANGE

Sl. No.	Item	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
1.	Number of exchanges at the end of the year ... ..	2	3	3
2.	Number of sub-exchanges at the end of the year ...	5	6	6
3.	Number of persons registered, re registered and re-received on transfer from other exchanges ... ..	9,913	12,293	11,975
4.	Number of vacancies notified	4,580	5,152	6,370
5.	Percentage of vacancies notified to persons registered	46.20	41.91	53.19
6.	Number of persons placed ...	792	567	1,772
7.	Number of persons on the live register at the end of the year ... ..	26,454	30,296	32,353

Source: — Office of the Commissioner, Labour and Employment, Regional Employment Exchange, Panaji.

XXIV. LABOUR AND EMPLOYMENT

**102. DISTRIBUTION OF APPLICANTS (MATRIC AND ABOVE) ON LIVE REGISTER AND NUMBER OF APPLICANTS REGISTERED AND PLACED IN EMPLOYMENT THROUGH EMPLOYMENT EXCHANGE BY LEVEL OF EDUCATION DURING THE HALF YEAR ENDING JUNE 1981**

Sl. No.	Level of Education	No. of registrations during the half year			No. of placements during the half year			Total number on live register at the end of the half year		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
	2	3	4	5	6	7	8	9	10	11
1.	Matriculates ...	1,024	834	1,858	181	198	379	7,337	5,295	12,632
2.	Persons who passed Higher Secondary (including intermediate/undergraduates) ...	172	116	288	24	6	30	1,533	863	2,396
3.	Graduates—									
	<b>Total ...</b>	171	96	267	69	18	87	1,523	736	2,259
	i) Arts ...	42	47	89	16	11	27	578	398	976
	ii) Science ...	17	14	31	4	-	4	247	106	353
	iii) Commerce	30	13	43	4	1	5	282	70	352
	iv) Engineering (Deg.)	11	-	11	2	-	2	50	1	51
	v) Engineering (Dip.)	31	-	31	43	4	47	114	1	115
	vi) Medical ...	20	5	25	-	-	-	49	16	65
	vii) B. Pharm.	2	2	4	-	-	-	20	10	30
	viii) D. Pharm.	2	1	3	-	-	-	25	24	49
	ix) Agriculture	-	-	-	-	-	-	15	1	16
	x) Law ...	-	-	-	-	-	-	21	3	24
	xi) Education.	13	12	25	-	2	2	83	67	150

**XXIV. LABOUR AND EMPLOYMENT**

**102. DISTRIBUTION OF APPLICANTS (MATRIC AND ABOVE) ON LIVE REGISTER AND NUMBER OF APPLICANTS REGISTERED AND PLACED IN EMPLOYMENT THROUGH EMPLOYMENT EXCHANGE BY LEVEL OF EDUCATION DURING THE HALF YEAR ENDING JUNE 1981 (concl'd.)**

SL. No.	Level of Education	No. of registrations during the half year			No. of placements during the half year			Total number on live register at the end of the half year		
		Males	Fe- males	Total	Males	Fe- males	Total	Males	Fe- males	Total
1	2	3	4	5	6	7	8	9	10	11
	xij) Others ...	3	2	5	-	-	-	39	39	78
4.	Post Graduates									
	Total ...	14	14	28	-	1	1	74	40	114
	i) Arts ...	4	6	10	-	-	-	35	22	57
	ii) Science ...	7	7	14	-	1	1	26	14	40
	iii) Commerce ...	-	1	1	-	-	-	6	3	9
	iv) Engineer- ing ...	-	-	-	-	-	-	-	-	-
	v) Medical ...	1	-	1	-	-	-	2	1	3
	vi) M. Pharm. ...	1	-	1	-	-	-	1	-	1
	vii) Agricul- ture ...	-	-	-	-	-	-	-	-	-
	viii) Law ...	-	-	-	-	-	-	-	-	-
	ix) Education ...	1	-	1	-	-	-	4	-	4
	Grand Total ...	1,381	1,060	2,441	274	223	497	10,467	6,934	17,401

Source: — Office of the Commissioner, Labour and Employment, Regional Employment Exchange, Panaji.

XXIV. LABOUR AND EMPLOYMENT

103. DISTRIBUTION OF APPLICANTS (MATIC AND ABOVE) ON LIVE REGISTER AND NUMBER OF APPLICANTS REGISTERED AND PLACED IN EMPLOYMENT THROUGH EMPLOYMENT EXCHANGE BY LEVEL OF EDUCATION DURING THE HALF YEAR ENDING DECEMBER 1981

Sl. No.	Level of Education	No. of registrations during the half year			No. of placements during the half year			Total number on live register at the end of the half year		
		Males	Fe-males	Total	Males	Fe-males	Total	Males	Fe-males	Total
1	2	3	4	5	6	7	8	9	10	11
1.	Matriculates ...	1,027	809	1,836	189	78	267	7,889	6,224	14,113
2.	Persons who passed Higher Secondary (including intermediate/ undergraduates) ...	221	220	441	15	7	22	1,642	852	2,494
3.	Graduates —									
	Total ...	289	118	407	33	7	40	1,338	660	1,998
	i) Arts ...	69	51	120	22	3	25	543	332	875
	ii) Science ...	31	10	41	2	1	3	160	82	242
	iii) Commerce ...	46	15	61	9	2	11	230	55	285
	iv) Engineering (Deg.) ...	39	2	41	-	-	-	42	3	45
	v) Engineering (Dip.) ...	42	-	42	-	-	-	136	3	139
	vi) Medical ...	39	10	49	-	-	-	43	19	62
	vii) B. Pharm. ...	5	3	8	-	-	-	15	10	25
	viii) D. Pharm. ...	7	5	12	-	-	-	26	29	55

## XXIV. LABOUR AND EMPLOYMENT

### 103. DISTRIBUTION OF APPLICANTS (MATIC AND ABOVE) ON LIVE REGISTER AND NUMBER OF APPLICANTS REGISTERED AND PLACED IN EMPLOYMENT THROUGH EMPLOYMENT EXCHANGE BY LEVEL OF EDUCATION DURING THE HALF YEAR ENDING DECEMBER 1981 (concl'd.)

Sl. No.	Level of Education	No. of registrations during the half year			No. of placements during the half year			Total number on live register at the end of the half year		
		Males	Fe- males	Total	Males	Fe- males	Total	Males	Fe- males	Total
1	2	3	4	5	6	7	8	9	10	11
	ix) Agriculture ...	-	-	-	-	-	-	4	1	5
	x) Law ...	5	2	7	-	-	-	22	6	28
	xi) Education ...	5	16	21	-	1	1	63	76	139
	xii) Others ...	1	4	5	-	-	-	54	44	98
4.	Post Graduates									
	Total ...	16	10	26	-	1	1	77	47	124
	i) Arts ...	9	9	18	-	1	1	33	27	60
	ii) Science ...	4	-	4	-	-	-	31	14	45
	iii) Commerce ...	1	-	1	-	-	-	5	3	8
	iv) Engineer- ing ...	-	-	-	-	-	-	-	-	-
	v) Medical ...	1	1	2	-	-	-	3	2	5
	vi) M. Pharm. ...	1	-	1	-	-	-	1	-	1
	vii) Agricul- ture ...	-	-	-	-	-	-	-	-	-
	viii) Law ...	-	-	-	-	-	-	-	-	-
	ix) Education ...	-	-	-	-	-	-	4	1	5
	Grand Total ...	1,553	1,167	2,710	237	93	330	10,946	7,783	18,729

Source: — Office of the Commissioner, Labour and Employment, Regional Employment Exchange, Panaji.



**XXIV. LABOUR AND EMPLOYMENT**  
**104. LOSS OF MANDAYS DUE TO**  
**STRIKES & LOCKOUTS**

Year	No. of work stopages due to		No. of workers involved	No. of man-days lost
	Strikes	Lockout		
1	2	3	4	5
1978 .....	15	-	2,726	33,409
1979(R) .....	22	1	4,041	1,29,194
1980(R) .....	17	-	9,684	1,09,973
1981 .....	23	-	7,987	2,78,785

Source: — Office of the Commissioner, Labour and Employment, Panaji.

**XXIV. LABOUR AND EMPLOYMENT**  
**105. TRADE UNIONS REGISTERED**

Sl. No.	Item	Year		
		1978	1979	1980
1	2	3	4	5
1.	No. of Trade Unions registered	78	71	86
2.	No. of Trade Unions submitting returns	39	46	59
3.	Membership at the end of the year	27,363	25,893	42,300
4.	Income including balance carried from previous years (Rs.)	9,71,837	5,40,452	13,75,972
5.	Expenditure (Rs.)	7,84,185	3,73,314	10,95,719
6.	Balance of funds at the close of the year (Rs.)	1,87,652	1,67,138	2,80,253

Source: — Office of the Commissioner, Labour and Employment, Panaji.

**XXIV. LABOUR AND EMPLOYMENT**

**106. DISTRIBUTION OF REGULAR EMPLOYEES  
OF GOVERNMENT OF GOA, DAMAN AND DIU  
BY BASIC PAY RANGES**

Basic pay ranges (Rs.)	Year	
	1979-80(R)	1980-81(P)
	1	2
Below 200 ... ..	652	788
200 to 249 ... ..	5,462	5,702
250 to 299 ... ..	3,361	3,569
300 to 349 ... ..	2,860	2,874
350 to 399 ... ..	2,363	2,482
400 to 499 ... ..	3,198	3,232
500 to 599 ... ..	1,651	1,669
600 to 699 ... ..	847	903
700 to 799 ... ..	448	467
800 to 899 ... ..	286	292
900 to 1,199 ... ..	260	292
1,200 to 1,499 ... ..	171	173
1,500 to 1,999 ... ..	91	95
2,000 and above ... ..	38	37
<b>Total ... ..</b>	<b>21,688</b>	<b>22,575</b>

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

XXIV. LABOUR AND EMPLOYMENT

107. NUMBER OF GOVERNMENT EMPLOYEES  
(REGULAR)

Sl. No.	Category	Year of reference	Goa	Daman	Diu	Total
1	2	3	4	5	6	7
1.	No. of Employees of Govt. of Goa, Daman & Diu ... ..	1979-80(R)	20,452	771	465	21,688
		1980-81(P)	21,310	789	476	22,575
i)	Gazetted ... ..	1979-80(R)	1,033	55	14	1,102
		1980-81(P)	1,106	57	15	1,178
ii)	Non-Gazetted ... ..	1979-80(R)	19,419	716	451	20,586
		1980-81(P)	20,204	732	461	21,397
2.	No. of Central Govt. Employees ... ..	1979-80(R)	4,082	47	36	4,165
		1980-81(P)	4,091	55	39	4,185

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

**XXIV. LABOUR AND EMPLOYMENT**  
**108. NUMBER OF EMPLOYEES OF GOVT.**  
**OF GOA, DAMAN AND DIU**

Sl. No.	Category	Year		
		1970-71, (Base) 3	1979-80(R) 4	1980-81(P) 5
1.	No. of employees as on 31st March:			
	Total ... ..	15,683	23,622	24,885
	a) Regular ... ..	14,954	21,688	22,575
	b) Non-regular ... ..	729	1,934	2,310
2.	Percentage increase(+) or decrease(-) over previous year:			
	Total ... ..	-	(+)6.2	(+)5.3
	a) Regular ... ..	-	(+)3.9	(+)4.1
	b) Non-regular ... ..	-	(+)39.6	(+)19.4
3.	Index of Employment ... ..	100.0	150.6	158.7

Source: — Directorate of Planning, Statistics and Evaluation Panaji.

**XXIV. LABOUR AND EMPLOYMENT**  
**109. EMPLOYMENT IN DEPARTMENTS OF**  
**GOVT. OF GOA, DAMAN AND DIU**

No. Sl.	Category	Year	
		1979-80(R) 3	1980-81(P) 4
1.	Gazetted:		
	i) Group 'A' ... ..	395	401
	ii) Group 'B' ... ..	707	777
	Sub-total (i+ii) ... ..	1,102	1,178
2.	Non-Gazetted:		
	i) Group 'B' ... ..	197	210
	ii) Group 'C' ... ..	13,710	14,366
	(iii) Group 'D' ... ..	6,679	6,821
	Sub-total (i+ii+iii) ... ..	20,586	21,397
3.	Others, (Non-Regular) ... ..	1,924	2,310
	Total ... ..	23,622	24,885

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

**XXIV. LABOUR AND EMPLOYMENT**

**110. NUMBER OF REGULAR EMPLOYEES IN  
VARIOUS DEPARTMENTS/OFFICES**

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
<b>STATE GOVT.</b>			
1.	Civil Secretariat ... ..	329	329
2.	Accounts ... ..	274	314
3.	Civil Administration (a) ... ..	620	620
4.	Raj Niwas Household ... ..	36	33
5.	Justice and Jails ... ..	526	526
6.	Police .. ...	2,519	2,695
7.	Land Survey ... ..	358	358
8.	Civil Supplies and Price Control	111	111
9.	Education ... ..	4,786	4,786
10.	Health ... ..	3,651	3,651
11.	Fisheries ... ..	243	243
12.	Animal Husbandry and Veteri- nary Services ... ..	430	502
13.	Registrar of Co-operative Socie- ties ... ..	190	195
14.	Industries and Mines ... ..	140	140
15.	Community Development Blocks	450	450
16.	Controller of Weights and Mea- sures ... ..	20	33
17.	Commissioner, Labour and Em- ployment ... ..	312	398
18.	Finance ... ..	319	347
19.	Public Works Department ...	1,898	2,044

## XXIV. LABOUR AND EMPLOYMENT

### 110. NUMBER OF REGULAR EMPLOYEES IN VARIOUS DEPARTMENTS/OFFICES

(contd.)

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
20.	Town and Country Planning ...	72	72
21.	Information ... ..	43	57
22.	Chief Electoral Office ... ..	6	5
23.	Electricity Department ... ..	1,756	1,756
24.	Captain of Ports ... ..	495	581
25.	Transport ... ..	84	85
26.	Government Printing Press ...	151	175
27.	Forest ... ..	433	433
28.	Historical Archives ... ..	73	74
29.	Directorate of Planning, Statistics and Evaluation ... ..	131	130
30.	Agriculture ... ..	734	750
31.	Social Welfare ... ..	203	223
32.	Tourism ... ..	159	219
33.	Sports and Cultural Affairs ...	136	240
	<b>Total ... ..</b>	<b>21,688</b>	<b>22,575</b>
	<b>SEMI-STATE GOVT.</b>		
34.	Municipalities ... ..	1,081	1,127
35.	Institute of Public Assistance...	314	331
36.	Food Craft Institute ... ..	27	27
37.	State Social Advisory Board ...	7	8

## XXIV. LABOUR AND EMPLOYMENT

### 110. NUMBER OF REGULAR EMPLOYEES IN VARIOUS DEPARTMENTS/OFFICES

(contd.)

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
38.	Goa State Co-Operative Bank ...	153	153
39.	Comunidades ... ..	88	88
40.	Industrial Development Corporation ... ..	59	97
41.	Goa, Daman & Diu Housing Board ... ..	39	53
42.	Goa Agricultural Produce Market Committee ... ..	14	16
43.	Caixa Economica de Goa ... ..	5	3
44.	Economic Development Corporation ... ..	42	63
45.	Goa, Daman and Diu Board of Sec. and Higher Sec. Education	35	39
46.	Institute Menezes Braganza ...	5	5
47.	Kala Academy ... ..	21	36
48.	State Institute of Education ...	16	16
49.	Maharashtra State Finance Corporation ... ..		42
	<b>Total ... ..</b>	<b>1,906</b>	<b>2,104</b>

#### CENTRAL GOVT.

50.	Customs and Central Excise ...	741	754
51.	Posts, Telegraphs and Telephones ... ..	1,480	1,480
52.	Railways ... ..	710	710
53.	All India Radio ... ..	122	122

**XXIV. LABOUR AND EMPLOYMENT**

**110. NUMBER OF REGULAR EMPLOYEES IN  
VARIOUS DEPARTMENTS/OFFICES**

*(contd.)*

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
54.	Chief controller of Imports & Exports ... ..	19	19
55.	Income Tax Offices ... ..	132	132
56.	Small Industries Services Institute ... ..	33	34
57.	Meteorological Goa Observatory	35	35
58.	Archaeological museum Velha Goa ... ..	8	8
59.	Archaeological Survey of India	7	7
60.	Census Operations ... ..	33	55
61.	Mercantile and Marine Department ... ..	7	7
62.	Inspector of Dock Safety ...	3	3
63.	Central Plant Protection Station	11	10
64.	Field Publicity Office ... ..	4	5
65.	Central Institute of Fisheries ...	55	62
66.	Office of labour Enforcement ...	3	3
67.	Office of vice chairman Iron ore	81	81
68.	Office of Regional Controller of Mines ... ..	38	37
69.	Directorate of Mines Safety, ...	14	14
70.	Assistant Labour Commissioner	9	9
71.	National Savings Organisation	8	8
72.	Press Information Bureau ...	13	12
73.	Registrar of Companies ... ..	8	8
74.	National Sample Survey Organisation ... ..	4	4



**XXIV. LABOUR AND EMPLOYMENT**

**110. NUMBER OF REGULAR EMPLOYEES IN  
VARIOUS DEPARTMENTS/OFFICES**

*(contd.)*

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
75.	Export Inspection Agency ...	7	7
76.	Office of the Provident Fund Inspector ... ..	4	4
77.	Central Public Works Depart- ment ... ..	47	47
78.	Office of the Accountant Ge- neral C. R. Office ... ..	61	56
79.	Office of the Assistant Military Estate Officer ... ..	10	9
80.	Garrison Eng., Military Eng. Services ... ..	358	346
81.	Enforcement Directorate ...	10	10
83.	Exploratory Fisheries Project...	59	59
83.	Exploratory Fisheries Project ...	31	31
	Total ... ..	4,165	4,185

**SEMI CENTRAL GOVT.**

84.	Mormugao Port Trust ... ..	1,988	3,202
85.	Minerals and metal Trading Cor- poration of India Ltd. ... ..	131	145
86.	Rural Development Agency ...	15	32
87.	Goa Shipyard Ltd. ... ..	1,405	1,510
88.	Insurance Companies of India...	289	289
89.	State Bank of India ... ..	632	667
90.	Central Bank of India ... ..	223	223
91.	Bank of Baroda ... ..	285	285

## XXIV. LABOUR AND EMPLOYMENT

### 110. NUMBER OF REGULAR EMPLOYEES IN VARIOUS DEPARTMENTS/OFFICES

(concl'd.)

Sl. No.	Departments/Offices	Year	
		1979-80(R)	1980-81(P)
1	2	3	4
92.	Union Bank of India ... ..	105	123
93.	United Commercial Bank ... ..	99	103
94.	Indian Overseas Bank ... ..	100	100
95.	Bank of India ... ..	338	346
96.	Syndicate Bank ... ..	277	313
97.	Dena Bank ... ..	135	133
98.	Canara Bank ... ..	325	349
99.	Bank of Maharashtra ... ..	70	71
100.	Indian Bank ... ..	28	28
101.	Panjab National Bank ... ..	36	36
102.	National Institute of Oceanography ... ..	333	333
103.	Oil Corporations ... ..	114	114
104.	Richardson and Crudas ... ..	17	17
105.	Rubber Board Goa, Ponda ... ..	1	1
106.	Mormugao Dock Labour Board	2,101	1,950
107.	Bharat Earth Movers Ltd. ... ..	7	7
108.	Indian Airlines ... ..	44	53
109.	Nehru Yuvak Kendra ... ..	4	5
	Total ... ..	10,112	10,438

(a) Includes Offices of Assistant Director of Panchayats and Evacuee Property.

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

## XXV. EDUCATION

### 111. SCHOOLS, COLLEGES AND ENROLMENTS, 1981-1982

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
<b>1. At Primary level:</b>					
	(a) Schools ...	1,186	30	17	1,233
	(b) Enrolment ...	1,22,470	7,401	3,752	1,83,623
<b>2. At Middle level:</b>					
	(a) Schools ...	371	16	8	39
	(b) Enrolment ...	66,956	2,594	1,700	71,25
<b>3. At Secondary level:</b>					
	(a) Schools ...	248	6	4	256
	(b) Enrolment ...	45,593	1,451	1,068	48,102
<b>4. Vocational and Professional Education:</b>					
	(a) Schools ...	28	2	1	31
	(b) Enrolment ...	6,100	789	70	6,959
<b>5. Colleges for General Education:</b>					
	(a) Number ..	9	1	-	10
	(b) Enrolment ...	4,882	327	-	5,209
<b>6. Colleges for Professional Education:</b>					
	(a) Number ...	8	-	-	8
	(b) Enrolment ...	1,716	-	-	1,716

Source: — Directorate of Education, Panaji.

## XXV. EDUCATION

## 112. YEARWISE OUT TURN OF MATRICULATES

Year	No. of students passed		
	Boys	Girls	Total
1	2	3	4
1969-70 ... ..	1,917	1,157	3,074
1970-71 ... ..	2,241	1,354	3,635
1971-72 ... ..	2,447	1,468	3,915
1972-73 ... ..	2,659	1,677	4,336
1973-74 ... ..	3,228	2,136	5,364
1974-75 ... ..	3,889	2,701	6,590
1975-76 ... ..	2,950	1,964	4,914
1976-77 ... ..	3,201	2,184	5,385
1977-78 ... ..	3,068	2,207	5,275
1978-79 ... ..	2,994	2,098	5,092
1979-80 ... ..	3,369	2,508	5,877
1980-81 ... ..	3,431	2,691	6,082
1981-82 ... ..	3,508	2,658	6,166

Source: — Directorate of Education, Panaji.

## XXV. EDUCATION

## 113. OUT TURN OF GRADUATES

Sl. No.	Degree course	Students passing degrees in	
		1979-80	1980-81
1	2	3	4
1.	B. A./B. Sc. ...	527	397
2.	B. Ed/M. Ed. ...	102	93
3.	B. Com./M. Com.	230	359
4.	B. E. ... ..	68	79
5.	B. Pharm/Farmaceutico ... ..	17	23
6.	M. B. B. S./Med. Cirurgiao ... ..	97	63
7.	Doctor of Medicine/Master of Surgery ... ..	20	11
8.	M. A./M. Sc. ...	99	105
9.	L. L. B./BGL ...	223	322
10.	B. Art ... ..	13	14

Source: — Directorate of Education, Panaji.

## XXV. EDUCATION

114. LIBRARIES AND NEWSPAPERS,  
PERIODICALS

Sl. No.	Item	Year	
		1980-81	1981-82(P)
1	2	3	4
1.	No. of libraries ... ..	174	190
2.	No. of books:		
	(a) Existing ... ..	3,23,116	3,42,268
	(b) Consulted ... ..	4,06,089	4,81,049
3.	No. of readers ... ..	11,08,479	10,84,213
4.	No. of newspapers and other periodicals:	58	47
	(a) Konkani ... ..	7	8
	(b) Marathi ... ..	17	11
	(c) English ... ..	17	10
	(d) Hindi ... ..	-	1
	(e) Gujrathi ... ..	-	1
	(f) Portuguese ... ..	2	2
	(g) Portuguese and English	1	1
	(h) Marathi and English ...	3	3
	(i) Marathi and Konkani ...	-	1
	(j) Konkani, Portuguese and English ... ..	4	3
	(k) English, Marathi and Konkani ... ..	4	3
	(l) English, Hindi, Marathi & Konkani ... ..	2	2
	(m) Telugu, Kannada, Marathi & English . ... ..	1	1

Source: — (1) Directorate of Planning, Statistics and Evaluation, Panaji.

(2) Office of the District Magistrate, Panaji.

## XXV. EDUCATION

### 115. CINEMA HOUSES IN OPERATION

Sl. No.	Item	Year	
		1980-81	1981-82
1	2	3	4
1.	No. of cinema houses	28	27
2.	No. of seats:		
	a) Total ... ..	14,666	14,552
	b) In use ... ..	14,515	14,280
3.	No. of films exhibited	2,624	2,949
	(a) Indian ... ..	1,936	2,103
	(b) European ... ..	276	392
	(c) American ... ..	378	413
	(d) Others ... ..	34	41
4.	No. of shows performed ... ..	29,689	31,988
	(a) Indian ... ..	27,309	29,279
	(b) European ... ..	1,034	1,91
	(c) American ... ..	1,249	1,603
	(d) Others ... ..	97	115
5.	Spectators (No.) ... ..	74,02,939	83,15,806
6.	Tickets sold:		
	(a) Number of tickets	74,02,939	83,15,806
	(b) Income from tickets (Rs.) ... ..	1,17,26,806	1,34,49,510
7.	Entertainment tax collected (Rs.) ... ..	50,96,634	59,17,861

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

XXVI. PUBLIC HEALTH AND VITAL STATISTICS

**116. GOVERNMENT/PRIVATE HOSPITALS,  
OTHER HEALTH INSTITUTIONS AND  
THEIR RESPECTIVE ACTIVITIES, 1981-82**

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1.	<b>Government Hospitals:</b>				
	a) Number (a) ...	29	2	1	32
	b) Patients treated outdoor (P) (No.)	6,91,007	9,884	5,981	7,06,872
	c) Patients treated indoor (P) (No.)	52,216	712	341	53,269
	d) Beds (No.) ...	2,290	72	25	2,387
	e) Deliveries conducted (P) (No.) ...	9,431	84	30	9,545
2.	<b>Private Hospitals:</b>				
	a) Number ...	61	1	-	62
	b) Beds (No.) ...	971	20	-	991
3.	<b>Rural medical Dispensaries:</b>				
	a) Number ...	29	-	1	31
	b) Patients treated (P) (No.) ...	97,144	-	958	98,102
4.	<b>Number of Health centres:</b>				
	a) Urban Health Centres ...	5	-	-	5
	b) Primary Health Centres (b) ...	13	1	1	15
	c) Sub Centres (c) ...	111	3	1	116
	d) Patients treated in Urban Health Centres (P) ...	23,207	-	-	23,207
5.	<b>Dental Clinics:</b>				
	a) Number ...	9	1	1	11
	b) New cases (No.)...	12,715	858	131	13,704



XXVI. PUBLIC HEALTH AND VITAL STATISTICS

**116. GOVERNMENT/PRIVATE HOSPITALS,  
OTHER HEALTH INSTITUTIONS AND  
THEIR RESPECTIVE ACTIVITIES, 1981-82**

(contd.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
	c) Total attendance (No.) ...	17,353	1,331	154	18,818
6.	Maternity & Child Welfare Centres:				
	i) M. C. W. centres including Dais Centres (No.) ...	27	-	1	28
	ii) Assistance provided to:				
	a) Pregnant mothers (No.) ...	556	-	N. A.	556
	b) Nursing mothers (No.) ...	2,562	-	N. A.	2,562
	c) Infants (No.) ...	4,373	-	N. A.	4,373
	d) Children upto 5 years (No.) ...	6,972	-	N. A.	6,972
7.	Family Welfare Programme:				
	a) Family welfare clinics (d)				
	i) Urban (No.) ...	11	-	-	11
	ii) Rural (No.) ...	186	5	6	197
	b) Sterilization:				
	i) Males (No.) ...	12	2	1	15
	ii) Females (No.) ...	1,994	20	52	2,066
	c) Number of I. U. D. Insertions ...	558	3	-	561
	d) Number of C. C. users ...	1,173	120	6	1,309
	e) Number of post partum centres	4	-	-	4

XXVI. PUBLIC HEALTH AND VITAL STATISTICS

**116. GOVERNMENT/PRIVATE HOSPITALS,  
OTHER HEALTH INSTITUTIONS AND  
THEIR RESPECTIVE ACTIVITIES, 1981-82**

(contd.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
	f) Number of M. T. P. centres (Govt.) ... ..	5	-	-	5
	g) Number of M. T. P. centres (Pvt.) ... ..	16	-	-	16
	h) Number of M.T.P. cases performed ... ..	1,357	-	-	1,357
8.	T. B. Control Programme:				
	a) New cases detected (e) (No.) ...	1,214	12	1	1,237
	b) B.C.G. Vaccinations (No.) ...	22,749	-	-	22,749
9.	National Malaria Eradication Programme:				
	a) Blood Smears collected under active Surveillance (No.)	26,009	219	1,589	27,817
	b) Blood Smears collected under passive Surveillance (No.) ... ..	26,255	4,331	4,773	35,359
	c) Blood Smears collected under Mass Survey's Surveillance (No.) ...	18,259	1,031	502	19,792
	d) Total positive cases detected: ...				
	i) Imported (No.)	112	10	-	122

XXVI. PUBLIC HEALTH AND VITAL STATISTICS

**116. GOVERNMENT/PRIVATE HOSPITALS,  
OTHER HEALTH INSTITUTIONS AND  
THEIR RESPECTIVE ACTIVITIES, 1981-82**

(contd.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
	ii) Indigenous (No.) ... ..	30	81	836	947
	iii) Untraced (No.)	32	25	7	64
10.	National Filariasis Control Programme:				
	a) Persons examined at night blood Survey (No.) ...	51,924	3,042	3,809	58,775
	b) New carriers Found (No.) ...	130	53	46	229
1.	Sexually transmitted diseases control Programme:				
	a) Attendants at S. T. D. clinics (No.) ...	3,227	-	-	3,227
	b) Persons examined (No.) ... ..	2,178	-	-	2,178
	c) Persons found positive (No.) .....	451	-	-	451
	d) Attendance at periphery (No.) ...	1,405	-	-	1,405
2.	National Smallpox eradication programme:				
	a) Primary vaccinations (No.) ...	11,311	625	64	12,000
	b) Re-vaccinations (No.) ... ..	10,808	35	269	11,112

XXVI. PUBLIC HEALTH AND VITAL STATISTICS

116. GOVERNMENT/PRIVATE HOSPITALS,  
OTHER HEALTH INSTITUTIONS AND  
THEIR RESPECTIVE ACTIVITIES, 1981-82

(cont'd.)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
13.	Leprosy Control Programme:				
	a) Population Surveyed (No.) ... ..	82,965	1,692	4,983	89,640
	b) New cases detected (No.) ... ..	126	16	4	146
	c) Cases registered for treatment (No.) ... ..	1,186	80	51	1,317

a) The information is as on 1-1-82, Military & Navy Hospitals have not been included, and I. D. Hospital of Ponda merged into Primary Health Centre.

b) In addition to this, there is one Primary Health Centre at Mandur under G. M. C. Panaji.

c) Sub-centres under Directorate of Health Services—97, under G. M. C.—4 and I.C.D.S.—15.

d) As per the Govt. of India concepts of Urban & Primary (Rural) Health Centres.

e) Data relates to the calendar year 1981.

Source: — Directorate of Health Services, Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**117. MONTHWISE FAMILY WELFARE**  
**ACTIVITIES, 1981-82**

Sl. No.	Month	Family Planning Methods		
		Sterillisa- tion (No.)	Intra Ute- rine Device (I. U. D.) (No.)	Condom pieces dis- tributed (No.)
1	2	3	4	5
1	April'81	133	40	4,867
2	May'81	146	37	5,553
3	June'81	195	41	5,529
	July'81	199	35	4,777
5	August'81	191	34	4,425
6	September'81	172	34	5,527
7	October'81	212	57	14,479
8	November'81	163	55	8,211
9	December'81	187	49	8,198
10	January'82	154	52	8,640
11	February'82	138	50	12,706
12	March'82	186	77	10,674
	Total	2,081	561	93,581 (C. C. Users 1290)

Source: — State Family Welfare Bureau, Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**118. FAMILY WELFARE ACTIVITIES, 1981-82**

Sl. No.	Taluka	Family Planning Methods		
		Sterilisation (No.)	Intra Ute- rine Device (I. U. D.) (No.)	Contra- ceptive Users. (C. C. U.) (No.)
1	2	3	4	5
1.	Tiswadi ...	620	264	164
2.	Bardez ...	260	49	159
3.	Pernem ...	97	6	57
4.	Bicholim ...	202	8	79
5.	Satari ...	56	-	79
6.	Ponda ...	162	11	85
7.	Sanguem ...	69	33	67
8.	Canacona ...	20	4	98
9.	Quepem ...	110	15	139
10.	Salcete ...	257	126	71
11.	Mormugao ...	153	42	175
12.	Daman ...	22	3	120
13.	Diu ...	53	-	6
	<b>Total ...</b>	<b>2,081</b>	<b>561</b>	<b>1,299</b>

Source: — State Family Welfare Bureau, Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**119. NATIONAL TUBERCULOSIS CONTROL**  
**PROGRAMME ACTIVITIES**

Sl. No.	Item	Year	
		1980	1981
1	2	3	4
1.	Total X-ray examinations ... ..	8,907	6,546
	a) New (No.) ... ..	7,249	5,149
	b) Old (No.) ... ..	1,658	1,397
2.	Total Sputum examinations ... ..	6,910	7,138
	a) New (No.) ... ..	4,693	4,431
	b) Old (No.) ... ..	2,217	2,707
	New Pulmonary cases detected ... ..	1,722	1,237
	a) X-ray (No.) ... ..	1,205	863
	b) Sputum (No.) ... ..	311	374
	c) X-ray and Sputum (No.) ... ..	213	-
4.	New extra pulmonary cases (No.)...	58	69
5.	New cases from outside dis- trict (No.) ... ..	13	-
6.	Total (3 to 5) ... ..	1,800	1,306
7.	Total new sputum positive cases (No.) ... ..	524	374
8.	Patients under treatment by the end of the year (No.) ... ..	2,300	1,922 (P)
9.	Patients completed treatment (No.)	73	24
0.	Patients dead (No.) ... ..	77	63

Source: — Tuberculosis Control Programme, Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**120. AGE-GROUPWISE B.O.G. ACTIVITIES**

Sl. No.	Item	Age group	Year			
			1979-80	1980-81	1981-82	
1	2	3	4	5	6	
1.	Persons registered (No.)	Below 1 year	7,701	13,644	13,808	
		1-4	7,749	6,049	4,397	
		5-14	20,126	16,525	5,652	
		15-20	3,353	5,218	670	
		20 and above	8,530	3,130	150	
		Total ...		47,462	43,570	24,627
2.	Persons vaccinated (No.)	Below 1 year	6,944	13,345	13,646	
		1-4	5,330	5,270	4,068	
		5-14	9,952	10,194	4,508	
		15 and above	1,337	4,367	527	
		Total ...		23,563	33,176	22,749

Source: — Tuberculosis Control Programme, Panaji.



## XXVI. PUBLIC HEALTH AND VITAL STATISTICS

### 121. SOME SELECTED INFORMATION ON MENTAL HOSPITAL

Sl. No.	Particulars	Year		
		1979	1980	1981
1	2	3	4	5
1.	No. of Hospitals functioning	1	1	1
2.	No. of Doctors ... ..	10	9	19
3.	No. of Nurses ... ..	35	35	40
4.	No. of beds ... ..	350	350	372
5.	No. of indoor patients ... ..	1,626	1,658	2,330
	i) Male ... ..	853	883	1,288
	ii) Female ... ..	773	775	1,042
6.	No. of outdoor patients ... ..	13,487	13,641	32,121
	i) Male ... ..	6,692	5,733	13,944
	ii) Female ... ..	7,795	7,908	18,177
7.	No. of patients discharged ... ..	1,366	1,363	1,831
	i) Male ... ..	710	727	972
	ii) Female ... ..	656	636	859
	No. of deaths occurred in hos- pital ... ..	6	11	5
	i) Male ... ..	2	6	4
	ii) Female ... ..	4	5	1

Source: — Institute of Psychiatry and Human Behaviour,  
Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**122. SOME SELECTED INFORMATION ON**  
**CANCER HOSPITAL ACTIVITIES**

Sl. No.	Particulars	Year			
		1978	1979	1980	1981
1	2	3	4	5	6
1.	No. of Cancer Hospital functioning ... ..	1	1	1	1
2.	No. of Doctors ... ..	7	9	10	10
3.	No. of Nurses ... ..	8	8	8	8
4.	No. of Beds ... ..	36	36	36	36
5.	No. of In-door patients	421	361	337	411
	i) Male ... ..	245	199	192	245
	ii) Female ... ..	176	162	145	166
6.	No. of out-door patients	537	697	618	1,375
	i) Male ... ..	284	338	307	774
	ii) Female ... ..	253	359	311	601
7.	No. of operations held	321	461	285	284
	i) Major ... ..	75	123	73	68
	ii) Minor * ... ..	246	338	212	216
8.	No. of camps organised	7	11	11	2
9.	No. of deaths occurred in the hospital ... ..	19	13	8	18
	i) Male ... ..	15	6	6	15
	ii) Female ... ..	4	7	2	3

Source: Gosalia Memorial Hospital, Dona Paula Panaji.

**XXVI. PUBLIC HEALTH AND VITAL STATISTICS**  
**123. MARRIAGES, BIRTHS, DEATHS AND STILL**  
**BIRTHS REGISTERED**

Year	Number of mar- riages	Number of normal live births	Birth rate*	Number of still births	Number of normal deaths	Death rate*
1	2	3	4	5	6	7
1967 ... ..	4,251	17,107	26.46	415	7,068	10.93
1968 ... ..	3,321	18,683	28.76	495	7,365	11.34
1969 ... ..	3,979	17,459	26.75	460	7,688	11.78
1970 ... ..	3,784	17,582	26.81	383	7,418	11.31
1971 ... ..	4,107	21,396	24.66	482	7,909	9.11
1972 ... ..	4,266	22,985	26.12	427	7,456	8.47
1973 ... ..	4,024	24,414	27.18	405	7,872	8.76
1974 ... ..	4,165	24,800	27.03	420	8,413	9.17
1975 ... ..	4,088	25,563	27.31	448	8,493	9.08
1976 ... ..	4,169	26,216	27.50	420	8,075	8.47
1977 ... ..	4,997	22,435	23.12	368	8,110	8.36
1978 ... ..	5,286	23,169	23.48	364	7,694	7.80
1979 ... ..	5,043	23,924	23.85	351	7,433	7.41
1980 ... ..	4,327	21,343	23.90	250	7,440	7.30
1981 (P) ... ..	5,377	24,213	22.12	333	7,646	6.99

\* Per thousand population.

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

**XXVII. HOUSING**

**124. BUILDING WORKS SANCTIONED IN  
PRIVATE SECTOR, 1981 - 82**

(In urban area)

Sl. No.	Classification	No. of plans	Plinth area (sq. mts.)	Floor area (sq. mts.)	Estimated cost (Rs. in lakhs)
1	2	3	4	5	6
<b>I. Residential buildings:</b>					
	i) New constructions...	265	42,770.89	89,325.03	517.90
	ii) Alterations and additions ... ..	74	4,526.96	5,933.10	24.65
<b>II. Industrial buildings:</b>					
	i) New constructions...	10	5,705.11	6,333.92	39.62
	ii) Alterations and additions ... ..	-	-	-	-
<b>III. Commercial buildings:</b>					
	i) New constructions...	17	3,381.47	7,383.25	65.54
	ii) Alterations and additions ... ..	-	-	-	-
<b>IV. Institutional buildings:</b>					
	i) New constructions...	-	-	-	-
	ii) Alterations and additions ... ..	-	-	-	-
<b>V. Other buildings:</b>					
	i) New constructions...	4	1,052.41	1,732.00	9.52
	ii) Alterations and additions ... ..	-	-	-	-
<b>Total:</b>					
	i) New constructions...	296	52,709.88	1,04,774.30	622.39
	ii) Alterations and additions ... ..	74	4,526.96	5,933.10	24.65

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

## XXVII. HOUSING

### 125. BUILDING WORKS SANCTIONED IN PRIVATE SECTOR, 1981 - 82

(In rural area)

Sl. No.	Classification	No. of plans	Plinth area (sq. mts.)	Floor area (sq. mts.)	Estimated cost (Rs. in lakhs)
1	2	3	4	5	6
<b>I. Residential buildings:</b>					
	i) New constructions...	436	51,109.39	54,274.47	358.31
	ii) Alterations and additions ...	167	14,013.19	13,634.23	53.29
<b>II. Industrial buildings:</b>					
	i) New constructions...	13	9,247.86	8,695.62	29.11
	ii) Alterations and additions ...	-	-	-	-
<b>III. Commercial buildings:</b>					
	i) New constructions...	11	1,966.84	2,833.79	6.61
	ii) Alterations and additions ...	2	238.92	359.00	0.70
<b>IV. Institutional buildings:</b>					
	i) New constructions...	7	2,183.30	2,771.00	7.93
	ii) Alterations and additions ...	4	774.89	1,159.47	5.88

XXVII. HOUSING

125. BUILDING WORKS SANCTIONED IN  
PRIVATE SECTOR, 1981 - 82 (concl'd.)

(In rural area)

Sr No.	Classification	No. of plans	Plinth area (sq. mts.)	Floor area (sq. mts.)	Estimated cost (Rs. in lakhs)
1	2	3	4	5	6
V. Other buildings:					
	i) New constructions...	10	4,296.82	8,280.98	62.72
	ii) Alterations and ad- ditions ... ..	1	105.60	105.60	0.40
	Total:				
	i) New constructions...	477	68,804.41	76,855.86	464.68
	ii) Alterations and ad- ditions ... ..	174	15,132.60	15,258.30	60.27

Source: — Directorate of Planning, Statistics and Evaluation, Panaji.

XXVIII. GENERAL ELECTIONS

**126. RESULTS OF GENERAL ELECTIONS, 1950**

Sl. No.	Item	Lok Sabha	Vidhan Sabha
1	2	3	4
1.	Total number of seats ...	2	30*
2.	Number of candidates:		
	a) Nominated ...	19	325
	b) Nominations rejected ...	-	9
	c) Nominations withdrawn ...	6	139
	d) Contested ...	13	177
3.	Partywise position:		
	a) Maharashtrawadi Gomantak Party:		
	i. Number sponsored ...	2	30
	ii. Number elected ...	1	7
	b) (Congress (I)):		
	i. Number sponsored ...	1	6
	ii. Number elected ...	-	-
	c) (Congress (U)):		
	i. Number sponsored ...	1	22
	ii. Number elected ...	1	20
	d) Janata (S):		
	i. Number sponsored ...	2	12
	ii. Number elected ...	-	-

XXVIII. GENERAL ELECTIONS

**120. RESULTS OF GENERAL ELECTIONS, 1980**

*(concl.)*

Sl. No.	Item	Lok Sabha	Vidhan Sabha
1	2	3	4
e) Janata:			
	i. Number sponsored	2	23
	ii. Number elected ...	-	-
f) Communist Party of India:			
	i. Number sponsored	-	-
	ii. Number elected ...	-	-
g) Independents:			
	i. Number sponsored	5	79
	ii. Number elected ...	-	3
4.	Number of electors	5,22,652	5,22,652
5.	Number of votes polled	3,63,126	3,63,273
6.	Number of valid votes polled	3,52,905	3,51,041
7.	Number of votes rejected	10,221	12,232
8.	Percentage of elector's voting	69.48	69.51

\* Includes one seat reserved for scheduled caste.

Source: -- Office of the Chief Electoral Officer, Panaji.



## XXIX. JOINT STOCK COMPANIES

### 127. DISTRIBUTION OF COMPANIES LTD. BY SHARES AT WORK IN GOA, DAMAN AND DIU

Union Territory/ District	Year	No of Joint Stock Companies		
		Public	Private	Total
1	2	3	4	5
Goa, Daman & Diu ...	1977-78	365	251	287
	1978-79	377	277	314
	1979-80	388	299	377
	1980-81	411	335	376
Diu District ...	1977-78	338	249	282
	1978-79	341	275	309
	1979-80	355	295	330
	1980-81	388	331	369
Daman District ...	1977-78	3	2	5
	1978-79	3	2	5
	1979-80	3	4	7
	1980-81	3	4	7
Diu District ...	1977-78	-	-	-
	1978-79	-	-	-
	1979-80	-	-	-
	1980-81	-	-	-

Source: — Govt. of India, Ministry of Law, Justice & Company Affairs, Deptt. of Company Affairs—  
New Delhi.

## 128. INDUSTRIAL CLASSIFICATION OF JOINT STOCK COMPANIES IN GOA

Sl. No.	Industry	1977-78 (P)	
		No	Paid-up capital
1	2	3	4
I	Agriculture & Allied Activities ...	16	2,250
II	Mining & Quarrying ... ..	54	1,16,647
III	Processing & Manufacture Food-stuffs, textiles, leather & product thereof ... ..	32	21,263
IV	Processing & Manufacture Metals and chemicals & product thereof ...	66	2,28,869
V	Processing & Manufacture not else where classified ... ..	13	3,691
VI	Construction & Utilities ... ..	7	4,599
VII	Commerce (Trade & finance) ...	36	12,875
VIII	Transport, Communication & Storage ... ..	36	71,768
IX	Community & Business services ...	10	1,215
X	Personal & other services ... ..	17	8,040
	<b>Total</b> ... ..	<b>287</b>	<b>4,71,217</b>

Source: — Govt of India, Ministry of Law, Justice &

# JOINT STOCK COMPANIES AT WORK

NO OF  
COMPANIES

1977-78



1978-79



1979-80



1980-81



PAID UP  
CAPITAL

1977-78



1978-79



1979-80



1980-81



= RS IN  
100,000  
THOUSAND

COMPANIES

STOCK COMPANIES LTD. BY SHARES AT WORK  
DAMAN AND DIU

(Paid-up capital in Rs. '000')

1978-79(P)		1979-80(P)		1980-81(P)	
No.	Paid-up capital	No.	Paid-up capital	No	Paid-up capital
5	6	7	8	9	10
18	2,605	19	2,763	20	2,813
54	1,24,647	54	1,24,694	55	1,44,942
36	21,390	38	23,288	45	25,281
1	2,41,801	79	2,44,604	90	2,49,811
16	3,941	18	4,266	21	8,391
7	4,599	8	4,799	8	4,799
43	13,307	44	24,758	47	30,284
37	71,778	39	84,478	44	90,303
10	1,220	11	1,245	12	1,270
22	10,744	27	14,421	34	16,289
314	4,96,032	337	5,29,316	376	5,74,197

Company Affairs, Deptt. of Company Affairs—New Delhi.

## XXIX. JOINT STOCK

## 129. JOINT STOCK COMPANIES NEWLY

Sl. No.	Industry	1977-78	
		No.	Authorised capital
1	2	3	4
I	Agriculture & Allied Activities ...	1	10.00
II	Mining & Quarring ...	4	20.00
III	Processing & Manufacture Food-stuffs, textiles, leather & product thereof ...	2	5.50
IV	Processing & Manufacture Metals and chemicals & product thereof ...	2	3.50
V	Processing & Manufacture not else where classified ...	2	20.00
VI	Transport, Communication and storage ...	1	7.50
VII	Community and Business Services	1	2.00
VIII	Personal & other Services ...	4	33.00
	<b>Total</b> ...	17	1,01.50

Source: — Govt. of India, Ministry of Law, Justice &

**COMPANIES**

**REGISTERED IN GOA, DAMAN AND DIU**

(Authorised capital in Rs. '000')

1978-79		1979-80		1980-81	
No.	Authorised capital	No.	Authorised capital	No.	Authorised capital
5	6	7	8	9	10
2	6,50	1	5,00	1	5,00
1	5,00	-	-	1	3,00
4	75,00	2	15,00	7	46,50
6	22,10	8	47,00	11	5,11,50
3	17,00	2	15,00	3	36,00
1	5,00	2	10,00	5	87,50
-	-	1	2,00	1	5,00
5	1,25,00	5	34,00	7	67,00
22	2,55,60	21	1,28,00	36	7,61,50

Company Affairs, Deptt. of Company Affairs—New Delhi

## XXIX. JOINT STOCK

## 130. JOINT STOCK COMPANIES GONE INTO

Sl. No.	Industry	1977-78	
		No.	Paid up capital
1	2	3	4
I	Agriculture & Allied Activities ...	-	-
II	Mining & Quarring ... ..	1	2
III	Processing & Manufacture Food-stuffs, textiles, leather & product thereof ... ..	-	-
IV	Processing & Manufacture Metals and chemicals & product thereof ...	-	-
V	Processing & Manufacture not else where classified ... ..	-	-
VI	Transport, Communication and storage ... ..	-	-
VII	Community and Business Services	-	-
VIII	Personal & other Services ...	-	-
	Total ... ..	1	2

Source: — Govt. of India, Ministry of Law, Justice

**COMPANIES**

**LIQUIDATION IN GOA, DAMAN AND DIU**

(Paid-up capital in Rs. '000')

1978-79		1979-80		1980-81	
No.	Paid up capital	No.	Paid up capital	No.	Paid up capital
5	6	7	8	9	10
-	-	-	-	-	-
1	1,00	-	-	-	-
-	-	-	-	-	-
1	5,00	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
2	6,00	-	-	-	-

Company Affairs, Deptt. of Company Affairs—New Delhi.



## XXX. MISCELLANEOUS

### 131. SMALL SAVINGS, 1961-62 (P)

Rs. in lakhs)

Sl No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
1. — National savings certificates:					
(i) — 2nd issue:					
	a) Gross sales	0.35	-	-	0.35
	b) Net sales	(-)2.76	-	-	(-) 2.76
(ii) — 3rd issue					
	a) Gross sales	-	-	-	-
	b) Net sales	(-) 4.31	-	-	(-) 4.31
(iii) — 4th issue					
	a) Gross sales	0.48	1.16	-	1.64
	b) Net sales	(-) 93.46	0.91	-	(-) 92.55
(iv) — 5th issue					
	a) Gross sales	7.27	6.50	-	13.77
	b) Net sales	(-)18.88	5.85	-	(-) 13.03
(v) — 6th issue					
	a) Gross sales	190.80	-	2.27	193.07
	b) Net sales	189.21	-	2.24	191.45
(vi) — 7th issue					
	a) Gross sales	69.46	-	-	69.46
	b) Net sales	69.46	-	-	69.46
2.—National savings Annuity certificates:					
	a) Gross sales	0.03	-	-	0.03
	b) Net sales...	(-)0.37	-	-	(-) 0.37

### XXX. MISCELLANEOUS

#### 181L. SMALL SAVINGS, 1981-82 (P) (contd.)

(Rs. in lakhs)

Sl. No.	Item	Goa	Daman	Diu	Total
1	2	3	4	5	6
3	National Development Bonds:				
	a) Gross sales	0.08	-	-	0.08
	b) Net sales...	0.78	-	-	0.78
4	Old Savings Certificates:				
	(abolished)				
	a) Gross sales	-	-	-	-
	b) Net sales...	(-) 7.67	-	-	(-) 7.67
5	Post Office Savings Bank a/cs:				
	a) Gross deposits	103.45	18.22	0.83	122.50
	b) Net deposits...	(-) 12.13	4.05	(-) 0.52	(-) 8.60
6	Commulative Time Deposits:				
	a) Gross deposits	47.68	1.14	0.13	48.95
	b) Net deposits...	32.63	0.76	0.07	33.46
7	Recurring Deposits A/cs:				
	aa) Gross deposits	70.61	2.69	0.72	74.02
	bb) Net deposits...	23.98	1.49	0.23	25.70
8	Post Office Time Deposits:				
	aa) Gross deposits	819.71	0.43	1.25	821.39
	bb) Net deposits...	504.19	0.10	0.71	505.00

### XXX. MISCELLANEOUS

#### 131. SMALL SAVINGS, 1981-82 (P) (concl'd.)

(Rs. in lakhs)

Sl. No.	Item	Goa	Dman	Diu	Total
1	2	3	4	5	6
9. — Public provident Fund:					
a) Gross deposits:					
	i) Bank ...	26.63*	-	0.03	26.66
	ii) P. O. ...	1.01	-	0.03	1.04
b) Net deposits:					
	i) Bank ...	22.72*	-	-	22.72
	ii) P. O. ...	1.00	-	-	1.00
<b>Total (1-9):</b>					
	i) Gross sales/deposits ...	1,359.27	30.14	5.23	1,394.64
	ii) Net sales/deposits ...	682.68	13.16	2.76	698.60

\* upto December, 1981.

Source — National Savings Organisation, Panaji and Ahmedabad.

### XXX. MISCELLANEOUS

## 132. RECEIPT AND SUPPLY OF FOOD GRAINS AND SUGAR MADE BY GOVERNMENT OF INDIA FROM CENTRAL STOCK

(Quantity in tonnes)

Year	Particulars	Food-grains		Total (3+4)	Sugar
		Rice	Wheat		
1	2	3	4	5	6
	Opening stock ...	1,135**	378**	1,513**	214.0**
	Quantity received during the year ...	22,512	7,993	30,505	1,395.5+
1979-81	Sub total ...	23,647	8,371	32,018	1,609.5
	Less closing stock ...	887	289	1,176	405.3
	Total quantity supplied during the year ...	22,749*	8,082	30,831*	1,256.0+
	Opening stock ...	887	289	1,176	139.5
	Quantity received during the year ...	28,470	11,292	39,762	4,930.6
1980-81	Sub total ...	29,357	11,581	40,938	5,070.1
	Less closing stock ...	577	147	724	79.8
	Total quantity supplied during the year ...	28,765*	11,433*	40,198*	4,990.3

### XXX. MISCELLANEOUS

## 132. RECEIPT AND SUPPLY OF FOOD GRAINS AND SUGAR MADE BY GOVERNMENT OF INDIA FROM CENTRAL STOCK (concl'd.)

(Quantity in tonnes)

Year	Particulars	Food-grains		Total (3+4)	Sugar
		Rice	Wheat		
1	2	3	4	5	6
	Opening stock ...	577	147	724	79.8
	Quantity received during the year ...	36,092	17,445	53,537	4,864.7
1981-82	Sub total ...	36,669	17,592	54,261	4,944.5
	Less closing stock ...	163	92	255	117.2
	Total quantity supplied during the year ...	36,500*	17,500	54,000*	4,827.3

\* Difference is to be adjusted against shortages.

\*\* — As per the Annual Physical verification.

+ Data relates to the period from December 79 to March 80. Sugar was decontrolled for the remaining period of the year under reports.

Source: — Directorate of Civil Supplies and Price Control, Panaji.

### XXX. MISCELLANEOUS

## 133. COMMODITYWISE TRAFFIC HANDLED AT MOEMUGAO PORT

(In '000' tonnes)

Sl. No.	Commodity	Year		
		1978-80	1980-81	1981-82
1	2	3	4	5
<b>I EXPORTS:</b>				
<b>A. Metalliferous ores:</b>				
1.	Iron ore excluding pellets	11,807	11,646	13,177
2.	Iron ore pellets	1,009	935	175
3.	Total iron ore group (1+2)	12,816	12,581	13,352
4.	Black iron ore	54	29	59
5.	Ferro manganese ore	143	286	214
6.	Manganese ore	184	49	38
7.	Total Manganese ore group (4 to 6)	381	364	311
8.	Bauxite	44	44	15
	Total Ores. (3+7+8)	13,241	12,989	13,678
<b>B. General Cargo:</b>				
9.	Oilcakes	63	47	38
10.	Sugar	98	21	55
11.	Aluminium ingot	-	-	-
12.	Miscellaneous	48	22	2
	Total general Cargo export (9 to 12)	209	90	96
	Total Exports(A+B)	13,460	13,079	13,773

### XXX. MISCELLANEOUS

#### 133. COMMODITYWISE TRAFFIC HANDLED AT MORMUGAO PORT (concl'd.)

(In '000' tonnes)

Sl. No.	Commodity	Year		
		1979-80	1980-81	1981-82
1	2	3	4	5
<b>II IMPORTS:</b>				
<b>D. Dry Cargo:</b>				
13.	Fertilizers ... ..	143	178	138
14.	Food grains and pulses ... ..	-	-	-
15.	Lubricants ... ..	-	-	-
	Total dry cargo (13 to 15)	143	178	138
<b>E. Other cargo:</b>				
16.	Mineral oils ... ..	728	324	-
17.	Cement ... ..	97	43	89
18.	Liquid chemicals ... ..	63	19	64
19.	Other General Cargo	24	294	824
	Total other cargo (16 to 19) ... ..	912	680	977
	Total Imports (D+E) ... ..	1,055	858	,115
	Grand Total: Exports and Imports	14,505	13,937	14,888

Source: — Mormugao Port Trust, Mormugao.

### XXX. MISCELLANEOUS

#### 134. SOCIAL WELFARE ACTIVITIES

Sl. No.	Item	Unit	Year	
			1980-81	1981-82
1	2	3	4	5
1	Integrated child Development Scheme (I. C. D. S.) ... ..	No.	3	4
2	a) Anganwadis under ICDS programme ...	No.	187	206
	b) Beneficiaries ...	No.	1,713	4,156
	a) Function Literacy Adult women centre (FLAW) ... ..	No.	95	131
	b) Beneficiaries ...	No.	1,557	1,572
4	Beneficiaries covered under Special Nutrition Programme (Children, Pregnant women and lactating mothers) ...	No.	8,000	9,000
	a) Mahila camps organised under Family and Child Welfare Scheme. (F.C.W.) ...	No.	120	120
	b) Beneficiaries ...	No.	1,800	1,800



### XXX. MISCELLANEOUS

#### 184. SOCIAL WELFARE ACTIVITIES

(Contd.)

Sl. No.	Item	Unit	Year	
			1980-81	1981-82
1	2	3	4	5
6	a) Institutions assisted under the scheme of welfare of children in need of care and protection ...	No.	4	4
	b) Children benefited	No.	120	120
7.	Balwadis assisted by way of grants to SC/ST organisations ...	No.	1	3
8	a) Balwadis ...	No.	243	243
	b) Beneficiaries ...	No.	6,075	6,844
9.	Housing for Scheduled Castes families ...	No.	234	40
10.	Economic Betterment Programme for Scheduled Caste families ...	No.	290	275
11.	Education Programme for scheduled caste students ...	No.	1,146	1,030
12.	Housing Programme for Sch. Tribe families	No.		

XXX. MISCELLANEOUS

134. SOCIAL WELFARE ACTIVITIES

(concl.)

Sl. No.	Item	Unit	Year	
			1980-81	1981-82
1	2	3	4	5
13.	Economic Betterment programme for Scheduled Tribe families ...	No.	6	-
14.	Education Programme for Sch. Tribe students	No.	163	205
15.	Post Matric Scholarships for Sca/Sts. students ... ..	No.	67	89
16.	Couples awarded for intercaste marriages ...	No.	2	5
17.	Persons granted loans for Social Security and Welfare ... ..	No.	383	294
18.	Handicapped persons benefitted by welfare programme ... ..	No.	-	85

Source: — Directorate of Social Welfare, Panaji.

**XXX. MISCELLANEOUS**

**135. ACTIVITIES OF THE OFFICE OF THE  
CONTROLLER OF WEIGHTS AND MEASURES**

Sl. No.	Item	Year			
		1978-79	1979-80	1984-81	1981-82
1	2	3	4	5	6
1.	Number of Offices/ Head quarters ...	4	4	4	8
2.	Total strength of Inspectors ...	4	4	4	8
3.	Number of Pancha- nama booked ...	59	24	88	216
4.	Total number of cases compounded	50	23	77	214
5.	Compounding fees (Rs.) ...	5,105	1,605	5,815	9,760
6.	Verification fees (Rs.) ...	99,800	1,12,000	1,01,300	1,14,400
7.	Verified weights and Measures:				
	a) Weights ...	22,840	29,776	24,638	33,786
	b) Measures ...	8,894	13,717	1,293	14,564
	c) Weighing (Ins- truments) ...	3,740	4,472	5,370	5,039
	d) Measures (Ins- truments) ...	386	429	422	416

Source: — Office of the Controller of Weights & Measures, Panaji.

XXX. MISCELLANEOUS

**136. SELECTED PROGRAMMES/SCHEMES OF  
20 - POINT PROGRAMME AT A GLANCE**

(April to December, 1982)

Sl. No.	Item	Unit	Target 1982-83	Achievement upto end of December '82	Percentage achievement to target
1	2	3	4	5	6
1.	Integrated Rural Development Programme:				
a.	Scheduled Caste families benefitted ...	No.	270	145	53.70
b.	Scheduled Tribe families benefitted ...	No.	30	5	16.67
c.	Other families benefitted ...	No.	6,200	4,505	72.66
	Total: (a+b+c) ...	No.	6,500	4,655	71.62
2.	Scheduled Caste families economically assisted ...	No.	1,724	419	24.30
3.	Scheduled Tribe families economically assisted ...	No.	1,300	720	55.38
4.	Villages provided with drinking water facilities ...	No.	22	5	22.73
5.	Housesites allotted to the families ...	No.	1,000	532	53.20
6.	Construction assistance provided to the families ...	No.	100	122	122.00

### XXX. MISCELLANEOUS

#### 136. SELECTED PROGRAMMES/SCHEMES OF 20-POINT PROGRAMME AT A GLANCE (April to December, 1982) (concl.)

Sl. No.	Item	Unit	Target 1982-83	Achievement upto end of December '82	Percentage achievement to target
1	2	3	4	5	6
7.	Slum population covered (persons benefitted)	No.	6,000	2200	36.67
8.	Families of economically weaker section provided with houses...	No.	2,416	112	4.64
9.	Villages electrified ...	No.	6	4	66.67
10.	Pumpsets energised ...	No.	150	152	101.33
11.	Trees planted ...	No. ('000)	2,000	2005	100.25
12.	Bio-gas plants set up...	No.	100	113	113.00
13.	Sterilisations done ...	No.	7,400	2059	27.82
14.	P. H. sub-centres established ...	No.	10	21	210.00
15.	I. C. D. S. blocks sanctioned ...	No.	2	2	100.00
16.	New fair price shops opened ...	No.	10	7	70.00
17.	Village and small-scale units set up ...	No.	300	219	109.50

Source: — Directorate of Planning, Statistics & Evaluation, Panaji.

CONVERSION TABLE

Equivalents of metric, Imperial British  
and United States

Units of measure

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Metric Units 1	Imperial British & U. S. equivalents 2	Imperial British & U.S. units 3	Metric equivalents 4
<i>Length</i>			
1. centimetre (cm.) ...	0.3937008 inch.	1 Inch ...	2.540000 centimetres
1. metre (m.) ...	{ 3.280840 feet. 1.093613 yards	1 foot ... 1 yard ...	{ 30.480 centimetres 0.9144 metre
1. kilometre (km.) ...	{ 0.6213712 mile. 0.5399568 int. naut. mile.	1 mile ... 1 international nautical mile	{ 1609.344 metres 1852.000 metres
<i>Area</i>			
1. square centimetre	0.1550003 sq. inch.	1 square inch	6.45160 square centimetres
1. square metre	{ 10.76391 sq. feet. 1.196000 sq. yard.	1 square foot 1 square yard	{ 9.290304 square decimetres 0.83612736 square metres

## CONVERSION TABLE (contd.)

### Equivalents of metric, Imperial British and United States

Units of measure

Metric Units 1	Imperial British & U. S. equivalents 2	Imperial British & U. S. units 3	Metric equivalents 4
<i>Area (cont.)</i>			
1. hectare (ha.)	... 2.471054 acres.	1 acre ...	... 0.4046856 hectare
1. square kilometre	... 0.3861022 sq. mile.	1 square mile	2.589988 square kilometres
<i>Volume</i>			
1. cubic centimetre	... 0.06102374 cubic inch.	1 cubic inch...	16.38706 cubic centimetres
1. cubic metre	... { 35.31467 cubic feet. 1.307951 cubic yard. 1000 litres.	1 cubic foot ... 1 cubic yard...	28.316847 cubic decimetres 0.76455486 cubic metres
<i>Capacity</i>			
1. litre (l)	... { 0.8798775 Imperial quart. 1.056688 U.S. liquid qt. 0.908083 U.S. dry qt. 1000 cu. cms. = 61.02374 cu-inches	1 Imperial British quart. = 1 U.S. liquid quart. 1 U.S. dry qt.	1.36522 (l) 0.9463529 (l) 1.1012208 (l)

## CONVERSION TABLE (contd.)

### Equivalents of metric, Imperial British and United States

Units of measure

Metric Units 1	Imperial British & U. S. equivalents 2	Imperial British & U. S. units 3	Metric equivalents 4
<i>Capacity (cont.)</i>			
1. hectolitre (hl)	...	21.996938 Imperial gal- lons.	1 Imperial gallon — 4.546087 (1)
		26.417200 U.S. gallons	1 U.S. gallon— 3.785412 (1)
		2.749617 Imperial bu- shels.	1 Imperial bushel — 36.368698 (1)
		2.837760 U.S. bushels.	1 U.S. bushel. 35.239067 (1)
<i>Weight</i>			
1. Kilogramme (Kg.)	...	35.27396 ounces.	1 ounce — 28.34952 grams
		2.204623 pounds.	1 pound — 453.59237 grams
1. metric tonne (t)	...	1.102311 short tons.	1 hundred- weight (112 lbs.) — 50.802345 Kgs.
		0.9842065 long tons.	1 short ton ... 0.9071847 metric ton- ne
			1 long ton ... 1.016047 metric ton- nes



## CONVERSION TABLE (contd.)

### (b) VARIOUS CONVENTIONAL OR DERIVED COEFFICIENTS

#### Railway and Air Travel:

1 passenger — mile	=	1.609344	passenger — kilometre
1 short ton — mile	=	1.459972	tonne — kilometre
1 long ton — mile	=	1.635169	tonne — kilometre
1 passenger—kilometre	=	0.621371	passenger — mile
1 tonne — kilometre	=	{	0.684945 short ton — mile 0.611558 long ton — mile

#### Ship tonnage:

1 register ton (100 cubic feet)	=	2.83	cubic metres.
1 British shipping ton (42 cubic feet)	=	1.19	cubic metres.
1 U. S. shipping ton (40 cubic feet)	=	1.13	cubic metres
1 cubic metre	=	{	0.353 register ton 0.841 British shipping ton 0.885 U. S. shipping ton
1 deadweight ton (dwt.) — (ton—longton)	=	1.016047	metric tonne
1 metric tonne	=	0.984	dwt. ton

#### Electric Energy:

1 Kilowatt (kw.)	=	{	1 kilovolt ampere (KVA) 1.34102 British horsepower (hp)
1 British horsepower	=	0.7457	Kw

## CONVERSION TABLE (contd.)

### (b) VARIOUS CONVENTIONAL OF DERIVED COEFFICIENTS

#### Alcohol:

- 1 Imperial proof gallon = 0.57 Imperial gallon of pure alcohol at 51° F=2.59 litres of pure alcohol at 10.6° C.
- 1 U. S. proof gallon = 0.5 U. S. gallon of pure alcohol at 60° F=1.893 litres of pure alcohol at 15.6° C.
- 1 litre of pure alcohol = 0.386 Imperial proof gallon  
= 0.528 U. S. proof gallon

#### (c) Indian weights and metric equivalents:

112 Mashas	= 1 Tola	= 11.664 grams
5 Tolas	= 1/16 Seer	= 58.319 grams
440 Seer	= 1 Mound	= 37.324 Kg.

## CONVERSION TABLE (concl'd.)

### Thermometer Scales

Degrees Fahrenheit to Degrees Centigrade*		Degrees Centigrade to Degrees Fahrenheit*	
Fahrenheit	Centigrade	Centigrade	Fahrenheit
		0	32.0
1	— 17.2	1	33.8
2	— 16.7	2	35.6
3	— 16.1	3	37.4
4	— 15.6	4	39.2
5	— 15.0	5	41.0
6	— 14.4	6	42.8
7	— 13.9	7	44.6
8	— 13.3	8	46.4
9	— 12.8	9	48.2
10	— 12.2	10	50.0
20	— 6.7	20	68.0
30	— 1.1	30	86.0
40	+ 4.4	40	104.0
50	+ 10.0	50	122.0
60	+ 15.6	60	140.0
70	+ 21.1	70	158.0
80	+ 26.7	80	176.0
90	+ 32.2	90	194.0
100	+ 37.8	100	212.0
200	+ 93.3	200	392.0
300	+ 148.9	300	572.0
400	+ 204.4	400	752.0
500	+ 260.0	500	932.0

\* To convert degrees Fahrenheit to degrees Centigrade, subtract 32 from the °F and multiply by 5/9. For example:  
 $^{\circ}\text{C} = 5/9(^{\circ}\text{F} - 32)$ . When  $\text{F} = 50$ ,  $\text{F} - 32 = 18$ ,  $5/9 \times 18 = 10^{\circ}\text{C}$ .

\* To convert degrees Centigrade to degrees Fahrenheit, multiply the C by 9/5 and add 32. For example:  
 $\text{F} = 9/5 \text{ C} + 32$ . When  $\text{C} = 50$ ,  $9/5 \times 50 = 90$ , plus 32 = 122.°F.