

GOA



STATISTICAL POCKET BOOK
OF
GOA
1989 - 91

(1989-90 and 1990-91)

-54799

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GOA-S

ing, Statistics & Evaluation
ment of Goa

D07327 duplicate.



STATISTICAL POCKET BOOK
OF
GOA

1989 - 91

Directorate of Planning, Statistics & Evaluation
Government of Goa

NIEPA DC



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INTRODUCTION

The "Statistical Pocket Book" is a regular annual publication of the Directorate of Planning, Statistics and Evaluation. It is twenty-third in the series and third after Goa attained Statehood. The data for two years viz 1989-90 and 1990-91(as far as possible)- has been included to bring this publication up-to-date. The publication is an important step in the direction of dissemination of useful socio-economic information about Goa State. It attempts to fulfill the ever increasing need for reliable facts and figures about the changes which are taking place in the State. Data have been given districtwise for North Goa and South Goa districts, wherever possible.

2. It is hoped that this publication will serve as a useful reference book of basic statistics for the Government Departments, Educational Institutions, Research Scholars, Tourists, etc.

3. The Directorate acknowledges with gratitude the co-operation extended by various Departments/Agencies in making available the statistical data presented in the publication.

4. Thanks are also due to the staff and Officers of the Publication Division of this Directorate and in particular to Shri Ivo Furtado, Statistical Officer, Shri Rafael Velho Pereira, Research Assistant, for compiling the data and Shri Ashok K. Gautam, Joint Director for providing necessary guidance as also to Kum.Vandana Kamat Vaga for typing the matter on electronic typewriter to facilitate off-set printing.

5. Suggestions for improvement in quality and coverage of information in the future releases are welcome.

G. L. N. Reddy
Director
TEL : 45983

Panaji, 18th May, 1992.

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
(F)	:	Final

GOVERNOR

SHRI BHANU PRAKASH SINGH

Phone Nos.

Off : 53334

Res : 53334

COUNCIL OF MINISTERS

(As on 1.4.92)

I. Shri Ravi Sitaram Naik - Chief Minister :

- | | |
|--|----------------------|
| i) Home | Off : 43970 |
| ii) Personnel, General Administration
and Vigilance | Res : 44995
44170 |
| iii) Town and Country Planning | 2608 |
| iv) Finance | (Ponda) |

II. Dr. Wilfred de Souza - Deputy Chief Minister :

- | | |
|----------------------------|-------------|
| i) Public Works Department | Off : 45062 |
| ii) Public Health | Res : 2802 |
| iii) Planning | (Mapusa) |

III. Shri Francisco Caetano Sardinha - Minister
for Agriculture :

- | | |
|---|----------------------|
| i) Agriculture | Off : 44362 |
| ii) Animal Husbandry and Veterinary
Services | 43107
Res : 23782 |
| iii) Inland Waterways | (Margão) |
| iv) Science and Technology | |

IV. Shri Ashok T. Naik Salgaonkar - Minister
for Irrigation and Forests :

- | | |
|---------------|------------------|
| i) Irrigation | Off : 44845 |
| ii) Forests | Res : 44971 |
| iii) I.T.I. | 2659
(Mapusa) |

Phone Nos.

**V. Shri Luizinho Faleiro - Minister
for Law and Labour :**

- | | |
|-------------------------|-------------|
| i) Law and Judiciary | Off : 43771 |
| ii) Legislative Affairs | Res : 21779 |
| iii) Labour | (Margaõ) |
| iv) Employment | |
| v) Housing | |
| vi) Housing Board | |

**VI. Shri Pandurang D. Raut - Minister
for Tourism and Transport :**

- | | |
|---|------------------|
| i) Tourism | Off : 44833 |
| ii) Transport | Res : 43628 |
| iii) Social Welfare (SCs/STs
and OBCs) | 2788
(Mapusa) |

**VII. Shri Shankar Salgaonkar - Minister
for Power and Rural Development :**

- | | |
|------------------------|-----------------|
| i) Power | Off : 44277 |
| ii) Revenue | Res : 44732 |
| iii) Rural Development | 3769
(Vasco) |

**VIII. Shri Subhash Ankush Shirodkar - Minister
for Education and Information :**

- | | |
|--------------------------------|-------------|
| i) Education | Off : 44483 |
| ii) Art and Culture | Res : 249 |
| iii) Information and Publicity | (Siroda) |

**IX. Shri Vinaykumar Usgaonkar - Minister
for Food and Civil Supplies and Mines :**

- | | |
|--|-------------|
| i) Food and Civil Supplies | Off : 43191 |
| ii) Mines | Res : 45722 |
| iii) Official Language & Public
Grievances Cell | |

Phone Nos.

- X. Dr. Carmo Pegado - Minister for
Urban Development and Municipalities :
- i) Urban Development excluding
Town and Country Planning Off : 44803
Res : 8528
 - ii) Municipalities (Pilar)
 - iii) Environment
 - iv) Protocol
- XI. Shri Ratnakar Chopdekar - Minister
for Fisheries and Printing and Stationery :
- i) Fisheries Off : 42218
 - ii) Printing & Stationery Res : 45455
7445
(Britona)
- XII. Shri Vasu Paik Gaonkar - Minister
for Panchayats and Provedoria :
- i) Panchayati Raj Off : 43198
 - ii) Provedoria & Public Assistance Res : 3311
 - iii) Community Development (Canacona)
- XIII. Shri Suresh Parulekar - Minister
for Industries and Co-operation :
- i) Industries Off : 44713
 - ii) Cooperation Res : 7468
(Porvorim)
- XIV. Shri Sanjay Bandekar - Minister
for Sports and Youth Affairs :
- i) Sports Off : 44070
 - ii) Youth Affairs Res : 46395,
 - iii) Weight and Measures 7319 (Canacona)
-
1. Shri Ramakant D. Khalap
Leader of Opposition Off : 44734
43350
Res : 2976
2708
(Mapusa)
-

GOA LEGISLATIVE ASSEMBLY

Speaker

Shri Shaikh Hassan Haroon

Phone Nos.

Office : 44050
45492

Res : 45494
43985
2267
(Vasco)

Deputy Speaker

Shri D'Souza Simon Peter

Office : 43932

Res : 3366
3939
(Vasco)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4

PERNEM

1.	Mandrem	Shri Khalap Ramakant Dattaram, (M.G.P.) 188A, Feira Alta, Altinho, Mapusa, Bardez, Goa	2976 2708 (Mapusa) 44734 43350
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GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
2.	Pernem	Shri Salgaonkar Shankar Kashinath, (I.N.C.) Driver's Hill, Vasco da Gama, Mormugão, Goa.	3769 (Vasco) 44732 44277
3.	Dargalim (SC)	Shri Mandrekar Deu Gunaji (M.G.P.) Madhlamanj, Mandrem, Pernem, Goa.	236 (Mandrem) Mapusa Exchange 43520
BARDEZ			
4.	Tivim	Shri Naik Vinayak Vithal, (M.G.P.) 115, Ramchandra Building, Mapusa, Bardez, Goa.	2977 (Mapusa)
5.	Mapusa	Shri Sirsat Surendra Vasant, (M.G.P.) House No.42, Ward No.9, Ansabhat, Near Hotel Purnima, Mapusa, Bardez, Goa.	2522 2488 (Mapusa)
6.	Stolim	Shri Naik Salgaonkar Ashok Tukaram, (I.N.C.) C/o.Laxmi Motor Service, Near Cine Alankar, Mapusa, Bardez, Goa.	2239 2659 (Mapusa) 44971 44845

GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. Name of the No. Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers	
1	2	3	4
7. Calangute	Shri Parutekar Suresh Vishwanath, (I.N.C.) H.No. 107, Vishwanath Sadan, Ambekhandem; Verem, Betim, Bardez, Goa.	7-468 (Verem) 44713-	
8. Saligão	Dr. de Souza Wilfred Tito Fermino, (I.N.C.) Bella Vista-Muddawadi, Saligão, Bardez, Goa.	2802 (Mapusa) 45062	
9. Aldona	Shri Chopdekar Ratnakar Maddu, (I.N.C.) H.No.28, Britona, Bardez, Goa.	7445 (Britona) 45455 42218	
TISWADI			
10. Panaji	Shri Gonsalves João Baptista Floriano, (G.P.P.) Mala Fontainhas, Panaji, Tiswadi, Goa.	45447 43950 47655	

GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member party affiliation and residential address	Phone numbers
1	2	3	4
11.	Taleigão	Shri Zuwarkar Somnath Datta, (G.P.P.) "Satyam" Shankerwadi, Taleigão, Tiswadi, Goa.	47729 44937 44950
12.	Santa Cruz	Shri Gonsalves Victor Benjamin, (I.N.C.) Near the Church, Santa Cruz, Tiswadi Goa.	47755 44063
13.	St. Andre	Dr. Pegado Carmo Rafael André José, (Independent) Goa Velha, Tiswadi, Goa.	8528 (Goa Velha) 44803
14.	Cumbarjua	Shri Chodankar Dharma Vassudeo, (M.G.P.) H.No.1001, Sodetim, Chorão Tiswadi, Goa.	255 (Chorão) 46690
BICHOLIM			
15.	Bicholim	Shri Raut Pandurang Dattaram, (I.N.C.) C/o. Raut Roadways, Mapusa, Bardez, Goa.	2788 (Mapusa) 43628 44833

GOA LEGISLATIVE ASSEMBLY

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
16.	Maem	Smt. Kakodkar Shashikala Gurudutt, (M.G.P.) La Campala, Miramar, Panaji, Tiswadi. Goa.	44214 44437 45183
17.	Pale	Shri Usgaonkar Vinaykumar Pundalik, (I.N.C.) Aparna Housing Co-op. Society, Dr. Atmaram Borkar Road, Panaji, Tiswadi, Goa.	44822 45722 43191
SATARI			
18.	Poriem	Shri Rane Pratapsing Raoji, (I.N.C.) C/o Salgaonkar Guest House, H.No.71, Ward No.2, Atticko, Panaji, Tiswadi, Goa.	43597 0832-36-279 (Bicholim) 44844 40
(Sanquelim)			
19.	Valpoi	Shri Prabhu Balkrishna Ashok Jairam, (I.N.C.) Valpoi, Satari, Goa.	4234 4275 (Valpoi) 44571

GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
PONDA			
20.	Ponda	Shri Verenkar Shivdas Atmaram Shet, (M.G.P.) Atmaram Niwas, Silvanagar, Ponda, Goa.	2361 (Ponda)
21.	Priol	Dr. Jalmi Kashinath Govind, (M.G.P.) A-5, Taj Co-operative Housing Society, Marcela, Ponda, Goa.	249 (Marcela) 43350
22.	Marcaim	Shri Naik Ravi Sitaram, (I.N.C.) Ravi Kiran, Khadpa Bandh, Ponda, Goa.	2608 (Ponda) 44995 44170 43970
23.	Siroda	Shri Shirodkar Subhash Ankush, (I.N.C.) H.No. 1144, Bhatwada, Siroda, Ponda, Goa.	249 (Siroda) 43230 44483
MORMUGÃO			
24.	Mormugão	Shri Shaikh Hassan Haroon, (I.N.C.) Aziz Manzil, Near E.D.C. Complex, Amber Guest House, Dr. Dada Vaidya Road, Panaji, Tiswadi, Goa.	45494 43985 44050 45492 2267 (Vasco)

GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
25.	Vasco-da-Gama	Shri D'Souza Simon Peter, (I.N.C.) Lotus Apartments, Dr. F.L.Gomes Road, Vasco-da-Gama, Mormugão, Goa.	3366 3939 (Vasco) 43932
26.	Cortalim	Shri Godinho Mauvin, (G.P.P.) Mangor Hill, Vasco-da-Gama, Mormugão, Goa.	3940 3449 (Vasco) 45208
SALCETE			
27.	Benaulim	Shri Alemão Churchill Braz, (G.P.P.) H.No. 150, Novangully, Varca, Salcete, Goa.	5726 5139 (Varca)
28.	Fatorda	Shri Cardozo Luis Alex, (G.P.P.) H.No.160-A-1, Behind Corporation Bank, Vidhyanagar, Margão, Salcete, Goa.	20830 (Margão)
29.	Margão	Shri Naik Ananta Narcinva, (Independent) "TEERTHROOPA" Narcinva D. Naik Marg, Margão, Salcete, Goa.	2231 3 20604 (Margão)

GOA LEGISLATIVE ASSEMBLY

(Contd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
30.	Curtorim	Shri Sardinha Francisco Caetano, (I.N.C.) Ungim, Curtorim, Salcete, Goa.	23782 (Margão) 43107 44362
31.	Navelim	Shri Faleiro Luizinho Joaquim, (I.N.C.) "LUCHEL" Caminho de Monte, Borda, Margão, Salcete, Goa.	21779 (Margão) 43771
32.	Velim	Smt. Furtado e Gracias Farrel, (G.P.P.) C/O Mr. Elvis Gracias, Banda, Assolna, Salcete, Goa.	23019 23968 (Margão)
33.	Cuncolim	Shri Fernandes Manuel Gregorio (I.N.C.) C/o Sabina Bar & Restaurant, Old Bus Stand, Margão, Salcete, Goa.	22662 21044 (Margão) 44600

GOA LEGISLATIVE ASSEMBLY

(Concl'd.)

Sr. No.	Name of the Assembly Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
SANJUEM			
34.	Sanjordonem	Shri Anshekar Mohan Anant, (M.G.P.) D-1 Kapila Society, Khadpaband, Ponda, Goa.	2732 (Ponda)
35.	Sanjues	Shri Prabhu Desai Ranu Anant, (M.G.P.) Colomb, Rivona, Via Quepem, Goa.	-
QUEPEM			
36.	Curahoras	Shri Fernandes Domic, (I.N.C.) Tilamol, Xeldem, Quepem, Goa.	237 (Quepem Exchange) 45201
37.	Quepem	Shri Velip Prakash Shankar, (M.G.P.) Adnem, Balli, Cuncolim, Salcete, Goa.	20442 (Margão)
CANAÇONA			
38.	Canaçona	Shri Bandekar Sanjay Vimal, (I.N.C.) H.No.508/A, Dessaiwada, Agonda, Canacona, Goa.	7319 (Canaçona) 46395 44070
39.	Poinvinim	Shri Gaonkar Vassu Paik, (I.N.C.) Ziltawadi, Gaondongrem, Canaçona, Goa.	3311 (Canaçona) 43198

PARLIAMENTARY CONSTITUENCIES

Sr. No.	Name of the Parliamentary Constituency	Name of the elected member, party affiliation and residential address	Phone numbers
1	2	3	4
1.	Mormugao	Shri Eduardo M. Faleiro-INC i) H.No. 626, Raia, Salcete, Goa.	Off:3014074 3016660 3011127 (New Delhi) Res:23300 (Margao)
		ii) South Block, New Delhi-110011 (Office)	3015220 3015227 (New Delhi)
		iii) 6, Janpath Road, New Delhi-110011.	
2.	Panaji	Shri Harish Narayan P. Zantye-INC	
		i) Near Hira Talkies, Bicholim, Goa.	Off:4629967 4629968 (New Delhi)
		ii) Goa Sadan, 18, Amrita Shergil Marg, New Delhi-(Office)	Res:45120 45880
3.	Elected Members of Council of States	Shri John Fernandes -INC	Off:43369
		i) Near St. Peter Chapel, Caranzalem, Tiswadi, Goa.	Res:45636 44482 45461
		ii) 8, South Avenue, New Delhi-110011.	3018076 3792176 (New Delhi)

SECRETARIES TO THE GOVERNMENT
(As on 8.5.92)

Sr. No.	Name and designation	Telephone No.	
		Office	Residence
1	2	3	4
1.	Shri P.S. Bhatnagar Chief Secretary	43168	44908
2.	Shri Anil Baijal Development Commissioner	45332	43169
3.	Shri Dev K. Trivedi Commissioner & Secretary (Finance)	43600	44627
4.	Shri Felix Sequeira Secretary (Revenue)	44392	44801
5.	Shri Lalmalsawma Secretary (G.A.& C)	45464	44962 43426
6.	Shri Pukh Raj Bumb Secretary (Social Welfare)	43196	43995
7.	Shri A. Venkataratnam Secretary (Industries)	43489	43994
8.	Shri B.S. Subbanna Secretary (Law)	44640	43805

SECRETARIES TO THE GOVERNMENT
(As on 8.5.92)

(Concl'd.)

Sr. No.	Name & designation	Telephone No.	
		Office	Residence
1	2	3	4
9	Shri M.M. Naik Secretary (Legislature)	44389	7401 (Porvorim)
10	Shri G. G. Kambli Spl. Secretary to Chief Minister	44170 44995 45004	2166 (Mapusa)
11	Shri S.D. Sadhale Joint Secretary (Personnel)	43759	46983
12	Shri N.P.S. Nagorcenkar Joint Secretary (Finance- Budget)	46393	46791
13	Shri A.B. Ulman Joint Secretary (Legislature)	45553	7252 (Porvorim)
14	Secretary to Governor	53335	53338
15	Shri L.F. Correia Asst. Director Finance Commission Cell	43379	

UNDER SECRETARIES TO THE GOVERNMENT

Sr. No.	Name and Designation	Telephone No.	
		Office	Residence
1	2	3	4
1.	Shri S.V. Shirodkar Under Secretary (GA)	46703	2048 (Mapusa)
2.	Shri G.J.P. Desai Under Secretary (Personnel)	46703	7244 (Porvorim)
3.	Smt. Prabha Chandran Under Secretary (Fin. Expd.)	EPABX Board 42701 to 42705	47113
4.	Shri K.M. Nambiar Under Secretary (Revenue)	- do -	46230
5.	Rud. E. Silveira Under Secretary (Planning)	- do -	-
6.	Smt. Angelica Rodrigues Under Secretary (STE)	- do -	-
7.	Shri B.N. Bhat Under Secretary (PW & UD)	- do -	47107
8.	Shri T.J. Faleiro Under Secretary (Protocol)	42385	42384
9.	Shri G. S. Zuarkar Under Secretary (Finance Bud.)	42701 EPABX Board	-
10.	Shri P.S. Madkarni Under Secretary (Health)	- do -	45042

UNDER SECRETARIES TO THE GOVERNMENT

(Concl'd.)

Sr. No.	Name & Designation	Telephone No.	
		Office	Residence
1	2	3	4
11.	Shri G.P. Chimulkar Under Secretary (Home)	42701 EPABX Board	44568
12.	Shri A.T. Fernandes Under Secretary (Agri & Forest)	46408	-
13.	Shri S.S. Keshkamat Under Secretary (Education)	46408	45042
14.	Shri P.B. Kadnekar Under Secretary (Drafting)	46414	46980
15.	Shri A.S. Awale Under Secretary (Law)	46414	-
16.	Shri Suresh Bhonsle Under Secretary (OL & PG)	46373	-
17.	Smt. P. Fernandes Under Secretary (A.R.D)	46373	-
18.	Shri V.G. Manerkar Under Secretary (Ind. & Lab.)	44991	7489 (Porvorim)
19.	Shri P.N. Rivonkar Under Secretary (Legislature)	46502	-
20.	Shri Y.S. Amonkar Under Secretary (Debates)	46502	-
21.	Shri B.D. Sadekar Under Secretary (Committees)	45553	-

HEADS OF DEPARTMENTS (STATE GOVT.)

Sr. No.	Department	Name and designation	Telephone No.	
			Office	Residence
1	2	3	4	5
1.	Accounts	Shri P.C. Sancoalkar Director	46381 43930	44142
2.	Administrative Tribunal	Shri V.P. Shetye Chairman	45320	7545
3.	Agriculture	Dr. H.Y. Karapurkar Director	42243	45549
4.	Animal Husbandry and Veterinary Services	Dr. S. Ray Director	47644	45820
5.	Archives	Dr. P.P. Shirodkar Director	46692	46645
6.	Art and Culture	Shri M.V. Naik Director (Officiating)	43235	-
7.	Central Library	VACANT Curator	45730	-
8.	Civil Supplies & Price-Control	Shri K.U. Naik Director	46084 47798	-
9.	Collectorate, North Goa District	Shri J.B. Singh Collector	43612 46492	43155
10.	Collectorate, South Goa District	Shri Anshu Prakash Collector	23026	43246
11.	Computer Centre	Shri Ricardo Afonso Director	45752	-
12.	Consumer Disputes Redressal Forum	Shri M. Raghuchander President	-	-

HEADS OF DEPARTMENT (STATE GOVT.)

(Contd.)

Sr. No.	Department	Name & Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
13.	Co-operation	Shri S.K. Jain Registrar	45189	43210
14.	Craftsman Training	Shri A.K. Shrivastava	43162	43283
15.	Design & Development Centre	Shri G.S. Panwar Director	-	47158
16.	District and Sessions Court, North Goa, Panaji	Dr. R.K. Batta District & Sessions Court, North Goa	45300	44625
17.	District and Sessions Court South Goa, Margao	Dr. Alvaro de Noronha Ferreira District and Sessions Court, South Goa	20656	43226
18.	Education	Shri P.V. Salelkar Director	46818 43235 to 43238	42199
19.	Election	Shri Pramod S. Bhatnagar Chief Electoral Officer	45448	44908
20.	Electricity	Shri S.R. Shinkre Chief Electrical Engineer	44680	45438
21.	Employment	Shri D.A. Hawaldar Director	45929	-
22.	Evacuee Property	Shri G.G. Kambli Custodian	45566	2166 (Mapusa)

HEADS OF DEPARTMENT (STATE GOVT.)

(Contd.)

Sr. No.	Department	Name & Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
23.	Excise	Shri Devendra S. Shirodkar Commissioner	45032	45277
24.	Factories and Boilers	Shri C.V.Dhume Chief Inspector	47670	46510
25.	Fire Services	Shri P.K. John Director	46100	45033
26.	Fisheries	Shri S.K.S. Usgaonkar Director	47780	-
27.	Food and Drug Administration	Shri S.N. Tripathi Director	44639	44638
28.	Forests	Shri Kishor Rao Conservator	44747	43508
29.	Goa Gazetteer	Dr. P.P. Shirodkar Executive Editor	46302	46645
30.	Goa College of Architecture	Shri S.G. Torne Dean	47144	47934
31.	Goa College of Art	Shri M.G. Joshi Principal	46104	46101
32.	Goa Dental College	Dr. K.P. Kamat Dean	45019 47100	45069
33.	Goa College of Engineering	Dr. G.K. Pacholi Principal	2160 2076	2021
34.	Goa College of Home Science	Kum. Z. Pabani Principal	47603	-

HEADS OF DEPARTMENT (STATE GOVT.)

(Contd.)

Sr. No.	Department	Name & Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
35.	Goa College of Pharmacy	Shri Joseph Emmanuel Principal	46882	46883
36.	Goa Medical College	Dr. Victor J. Monteiro Dean	46288	47623
37.	Government Polytechnic	Shri R.D. Talegaon Principal	45973	45522
38.	Health Services	Dr. Arvind V. Salelkar Director	45561	45837
39.	Home Guards & Civil Defence	Shri S.K. Garg Dy.Commandant	45536	44986
40.	Industries and Mines	Dr. M. Modassir Director	42241	43676
41.	Information and Publicity	Shri D.M. Karapurkar Director	46453 46047	43157
42.	Institute of Psychiatry and Human Behaviour	Dr. J.M. Fernandes Director	42198	47157
43.	Inquiry	Shri R.I. Jai Prakash Commissioner	-	-
44.	Irrigation	Shri R.C. Dharwad Chief Engineer	46031	46042
45.	Labour	Shri R.S. Mardolkar Commissioner	42272 46467	7436 (Porvorim)
46.	Land Survey	Shri L.J. Menezes Pais Director	47645	-
47.	Municipal Administration	Shri Pukh Raj Bumb Director	47708	45871

HEADS OF DEPARTMENT (STATE GOVT.)

(Contd.)

Sr. No.	Department	Name & Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
48.	Notary Services	Shri S.S. Naik District Registrar	45440	-
49.	Panchayats	Shri R.P. Pal Director	45383 44083	46340
50.	Planning, Statistics & Evaluation	Shri G.L.N. Reddy Director	45983	45514
51.	Police	Shri Y.R. Dhuriya I.G. Police	45360 45073	47674 43245
52.	Ports	Capt. A.P. Mascarenhas Captain of Ports	45070	44948
53.	Public Works	Shri C.G. Hede Chief Engineer	44984	44472
54.	Printing & Stationery	Shri M.N. Bhartiya Director	46528	44188
55.	Prosecution	Shri A.A. Rebello Director	46948	-
56.	Registration of Births & Deaths	Shri G.L.N. Reddy Chief Registrar	45983	45514
57.	Sales Tax and Entertainment Tax	Shri D.S. Shirodkar Commissioner	45032	45277
58.	Social Welfare	Shri M.S. Sail Director	46003 45116	46023

HEADS OF DEPARTMENT (STATE GOVT.)

Sr. No.	Department	Name & Designation	Office Telephone No.	Residence Telephone No.
	2	3	4	5
59.	Sports and Youth Affairs	Dr. Shrimant Mali Director	43164	
60.	State Literacy Mission	Shri S.G. Amonkar Director	43235	
61.	State Institute of Education	Shri M.V. Joshi Director	7276 (Porvairim)	2243 (Mapusa)
62.	Technical Education	Shri A.K. Shrivastava Director	47074	
63.	Tourism	Shri U.D. Kamat Director	45535 45583	46658
64.	Town and Country Planning	Shri N. Pandalai Chief Town Planner	44757 44511 45844	45630
65.	Transport	Shri K.N.S. Nair Director	45724	45379
66.	Vigilance	Shri R.I. Jaiprakash Commissioner of Dept. Enquiries	46189	42196
67.	Weights and Measures	Shri D.A. Gaonkar Controller	46432	

HEADS OF DEPARTMENTS
CENTRAL GOVERNMENT OFFICES

Sr. No.	Department	Name and Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
1.	All India Radio	Shri P.U. Aiyoob Station Director	45351	45562
2.	Archaeology	Shri K.M. Bhadri Dy. Superintendent	33 (Corlim)	-
3.	Audit	Shri Shankar Narayan Sr.Dy. Accountant General Audit	44069	43680
4.	Census	Shri S. Rajendran Director	45063	45827
5.	Central Institute of Fisheries Technology	Shri G. Narayadhappa Scientist Incharge	45905	-
5.	Central Electric- ity Authority	Shri M.R. Naik Sup. Engineer	45863	-
7.	Central Public Works	Shri V.K. Sharma Executive Engineer	45292	4409◆
8.	Central Water Commission	Shri P.T. Sivdas Asst. Engineer	-	-
9.	Customs & Central Excise	Shri S.R. Narayan Collector	45324 2219 (Vasco)	43368 45915

**HEADS OF DEPARTMENTS
CENTRAL GOVERNMENT OFFICES**

(Contd.)

Sr. No. 1	Department 2	Name and Designation 3	Telephone No.	
			Office 4	Residence 5
10.	Doordarshan	Dr. Shrinivas Kulkarni Station Director	43413	-
11.	Employees Provident Fund	Shri P.K.R. Nair Regional Commissioner	44044	-
12.	Employees State Insurance Corporation	Shri M. Sunder Raman Regional Manager	8-7221	-
13.	Enforcement Foreign Exchange	Shri V.B. Survase Asst. Director	45466	43439
14.	Export Inspection Agency	Shri J.K. Nayar Asst. Director	43780	-
15.	Field Publicity	Shri G.K. Pal Field Officer	45586	46947
16.	Food Corporation of India	Shri S.R. Mahatre District Manager	3435 (Vasco)	3186
17.	Goa Shipyard	Comdre Raj Venkatesh Chairman	3943 (Vasco)	3873 (Vasco)
18.	Handicrafts Marketing & Service Extension Centre	Shri V.K. Aima Asst. Director	45714	-

**HEADS OF DEPARTMENTS
CENTRAL GOVERNMENT OFFICES**

(Contd.)

Sr. No.	Department	Name and Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
19.	Imports & Exports	Shri V. Tari Asst.Chief Controller	44968	-
20.	Income Tax	Shri Arinatham Lahiri Dy. Commissioner	46448	43167
21.	India Meteorological Observatory	Shri S.R. Bajpai Director	45547	46307
22.	Indian Complex AGR Research	Shri O.G. Dhandar Officer on Special Duty (Corlim)	81	-
23.	Institute of Hotel Management and Catering Technology	Shri V.A. Keni Principal	7209	7465
24.	Intelligence Bureau	Shri T.Y. Khare Dy.Central Intelligence Officer	45470	44673
25.	Iron & Manganese Ore Mines Welfare Fund Organisation	Shri R.D. Mohile Welfare Commissioner	45853	-
26.	Khadi & Village Industries Board	Shri G. Guruprasanna Asst. Director	45670	7519
27.	Marine Products Export Develop- ment Authority	Shri M.S. Gaonkar Asst. Director	44283	-

HEADS OF DEPARTMENTS
CENTRAL GOVERNMENT OFFICES

(Concl'd.)

Sr. No.	Department	Name and Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
28.	Sports Authority of Goa	Shri R.B. Jirage Executive Director	44619	44579
29.	National Institute of Oceanography	Dr. B.N. Desai Director	44612	53324
30.	National Savings Organisation	Shri V. Durgappa Regional Director	43864	-
31.	Passport	Shri Anthony Rebello Passport Officer (Acting)	44026	-
32.	Post Offices	Shri K.R. Rambhad Post Master General	45224	-
33.	Press Information Bureau	Shri B.V. Prabhugaonkar Asst. Information Officer	46929	46947
34.	Registrar of Companies	Shri S.P. Kala Registrar	44180	7376
35.	Small Industries Service Institute	Shri K.G.S. Raman Dy. Director-in-charge	22211 (Margão)	22614 (Margão)
36.	Telecommunications	Shri P.K. Khindri Telecom District Manager	43344	45344

**HEADS OF DEPARTMENTS
SEMI GOVERNMENT/AUTONOMOUS BODIES**

Sr. No.	Department	Name and Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
1.	Bal Bhavan	Smt. Vijayadevi P. Rane Chairperson	46823	44844 43597 2229 (Bicholim)
2.	Bharat Petroleum Corporation Ltd.	Shri R.S. Jadeja Sr. Divisional Manager	43473	45044
3.	Economic Development Corporation	Shri Domic Fernandes Chairman	45201	237 (Curchorem)
4.	Goa Board of Secondary & Higher Secondary Education	Dr. J.M. Surlekar Chairman	7584	46562
5.	Goa Handicrafts Rural and Small Scale Industries Development Corporation	Shri Anil Baijal Chairman	45328	43169
6.	Goa Housing Board	Shri Manuel G. Fernandes Chairman	44600	22662 (Margão)
7.	Goa Meat Complex	Dr. Abdus Sami Managing Director	43620	44368
8.	Goa Public Service Commission	Shri Vasant Sinai Pilgaonkar Chairman	43207 43507	43117

**HEADS OF DEPARTMENTS
SEMI GOVERNMENT/AUTONOMOUS BODIES**

(Contd.)

Sr. No.	Department	Name and Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
9.	Goa State Backward Class Development Corporation	Shri Dev G.Mandrekar Chairman	42340	236 (Mandrem)
10.	Goa Tourism Development Corporation	Shri Victor B.Gonsalves Chairman	44063	47755
11.	Goa University	Dr. P.R. Dubhashi Vice-Chancellor	53377	53374
12.	Industrial Development Corporation	Shri Mohon Amshekar Chairman	46302 46201 46205	2732 to(Ponda)
13.	Kadamba Transport Corporation	Shri Balkrishna A.J.Prabhu Chairman	44571 42634 42637	4234 4275 (Valpoi)
14.	Kala Academy	Shri Pratapsing R. Rane Chairman	44293	3597 4844
15.	Khadi & Village Industries Board	Shri Ravi S. Naik Chairman	44754 42083	44170
16.	Konkani Akademy	Shri Purushottam Kakodkar President	43284	43699 44603

**HEADS OF DEPARTMENTS
SEMI GOVERNMENT/AUTONOMOUS BODIES**

(Concl'd.)

Sr. No.	Department	Name & Designation	Telephone No.	
			Office	Residence
1	2	3	4	5
17.	Konkan Railway Corporation	Shri P.Rajaram	44462	-
18.	Land Army Corporation	Shri Luizinho Faleiro Chairman	47672	21779 (Margão)
19.	Marathi Akademy	Shri Shashikant Narvekar Chairman	45008	-
20.	Mormugão Planning and Development Authority	Shri Simon D'Souza Chairman	43932	3366 3939 (Vasco)
21.	Mormugão Port Trust	A.P. Batikar Chairman	3821	3807
22.	Northern Planning & Development Authority	Shri Shrikant Malik Chairman	7325	-
23.	Panaji Planning & Development Authority	Shri Anil Vassudev Salgaonkar Chairman	45838	-
24.	Ponda Planning Development Authority	Shri Ashok Krishna Naik Chairman	-	-
25.	Provedoria	Shri S.S. Byali Director	43357	7572
26.	Rural Development Agency	Dr.H.Y.Karapurkar Project Director	46385	45549
27.	South Goa Planning & Development Authority	Shri Ashok Naik Chairman	42979	42705
28.	Sports Authority of Goa	Shri R.B. Jirage Executive Director	44619	44579

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3, 4, 5, 6, 7, 8, 9, 10, - 11, 12, 13, 14 & 15	Census of India, 1981
3	Land Survey Department, Panaji
16, 17, 18, 19 & 20	Directorate of Agriculture, Panaji
21, 23 & 29	Livestock Census, 1987
22	Agricultural Census, 1986
24	Directorate of Animal Husbandry and Veterinary Services, Panaji
25, 26, 27, 28, & 30	Directorate of Fisheries, Panaji
31, 32 & 56	Conservator of Forests, Panaji
33	Annual Survey of Industries
35	Directorate of Industries & Mines, Panaji
36	Indian Bureau of Mines, Nagpur
37, 38 & 39	Office of the Chief Electrical Engineer, Panaji
40, 56 & 60	Office of the Chief Engineer, Public Works Department, Panaji
41, 42, 43 & 44	Reserve Bank of India, Panaji
46, 47, 48 & 49	Registrar of Co-operative Societies, Panaji.
52	Labour Bureau, Simla
56, 88 & 89	All Municipalities

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TABLE NUMBER	SOURCE
56 & 57	Collectorate North & South Goa Districts
57, 58 & 59	Directorate of Transport, Panaji
61	Office of the Captain of Ports, Panaji
62	River Navigation Department, Panaji
63 & 65	Office of the Inspector General of Police, Panaji
64	Office of the Superintendent of Posts, Panaji
64	Office of the Telecom District Engineer, Panaji
66	Office of the Inspector General of Prisons, Panaji.
67, 68 & 69	Directorate of Tourism, Panaji
70, 71, 72, 73, 74, 75 & 76	Mormugão Port Trust, Mormugão
77, 78, 79, 80 & 81	Annual Financial Statement, Finance Department, Secretariat, Panaji
87 & 90	All Block Development Offices, Panaji
91 & 92	Collectorate of Customs & Central Excise, Panaji
93 & 94	Office of the Commissioner of Sales Tax, Panaji

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TABLE NUMBER	SOURCE
95	Office of the Commissioner of Entertainment Tax, Panaji
96, 97, 98 & 99	Office of the Commissioner of Excise, Panaji
100 & 101	Directorate of Employment, Panaji
102 & 103	Office of the Commissioner Labour, Panaji
107, 108 & 109	Directorate of Education, Panaji
110	Directorate of Sports & Youth Affairs, Panaji
113, 114, 115, 116 & 117	Directorate of Health Services, Panaji
118 & 119	Institute of Psychiatry & Human Behaviour, Panaji.
120	Gosalia Memorial Hospital, D. Paula, Panaji
126 & 127	Registrar of Companies, Ministry of Law, Justice and Company Affairs
128	National Savings Organisation, Panaji
129	Directorate of Civil Supplies and Price Control, Panaji.
130	Directorate of Social Welfare, Panaji
132	Office of the Controller of Weights and Measures, Panaji
133	Passport Office, Ministry of External Affairs, Panaji
134	Office of the Kadamba Transport Corporation, Panaji
33, 34, 35, 36, 45, 51, 53, 54, 55, 56, 82, 83, 84, 85, 86, 87, 88, 90, 104, 105, 106, 111, 112, 121, 122, 123, 124, 125, and 131 & 135	Directorate of Planning, Statistics and Evaluation, Panaji

IMPORTANT FIGURES AT A GLANCE

(1991 Census P)

Sr. No.	Item	Particulars
1	2	3
1.	Area (Sq. km.)	3,702
2.	Population	
	Total	11,68,622
	Rural	6,89,201
	Urban	4,79,421
	Males	5,93,563
	Females	5,75,059
3.	Density of population per sq.km.	318
4.	No. of districts-	2
5.	No. of Talukas	11
6.	No. of Towns	31
	a) Municipal towns	13
	b) Census towns	18
7.	Number of villages	383
	a) No. of inhabited revenue villages	374
	b) Number of uninhabited villages	9
8.	Literacy (percentage)(excluding the population, 0-6)	
	Males	85.48
	Females	68.20
	Total	78.96

SOCIO-ECONOMIC INDICATORS OF GOA

Sr. No.	Item	Year of reference	Goa	India
1	2	3	4	5
1.	Density of population per Sq.Km.	1981	272	216
2.	Percentage of urban population	1981	32.0	23.3
3.	Females per 1,000 males	1981	975	933
4.	Birth rate per 1,000 population	1989	17.3	30.5
5.	Death rate per 1,000 population	1989	6.8	10.2
6.	Infant mortality rate per 1,000 live births	1989	21.1	94.00 P
7.	Average household size	1981	5.1	5.6
8.	Percentage of workers	1981	35.3	36.8
9.	Percentage of male participation	1981	48.2	52.6
10.	Percentage of female participation	1981	21.9	13.9
11.	Percentage variation of population:			
	1) 1971 -	1981	+ 26.7	+ 25.0
	11) 1901 -	1981	+114.1	+187.4
12.	Per capita geographical area (ha)	1988-89	0.3(a)	0.4
13.	Per capita net area sown(ha)	1988-89	0.1	0.2
14.	Percentage of area under forests	1989-90	34.6	22.2(b)
15.	Percentage of irrigated area to total area sown	1989-90	18.0	29.8(c)
16.	Workers engaged in agriculture including agricultural labourers as percentage to total workers	1981	24.8	66.5
17.	Net area sown per agricultural workers(ha)	1981	1.4	1.0
18.	Percentage of area irrigated to net area sown(ha)	1986-87	9.1	30.7
19.	Agricultural Mechanisation, number of tractors per 1,000 hectares of gross cultivated area	1985-86	1.1(d)	1.6
20.	Livestock per 1,000 population (Nos)	1982	301	631(b)

SOCIO - ECONOMIC INDICATORS OF GOA

(Contd.)

Sr. No.	Item	Year of reference	(Contd.)	
			Goa	India
1	2	3	4	5
21.	General Literacy rate per 1,000 population			
	i) Persons	1981	572	362
	ii) Males	1981	659	469
	iii) Females	1981	483	248
22.	Teacher pupil ratio at			
	i) Primary level	1985-86	1:31	1:40
	ii) Middle level	1985-86	1:35	1:32
	iii) Secondary level	1985-86	1:20	1:24
23.	No. of students in primary, middle and secondary higher secondary education per 1,000 population	1987-88	232	173.68
24.	Enrolment in all colleges per million population	1985-86	16000	4825
25.	Outturn of graduates per lakh population	1985-86	140	30.0
26.	Percentage of enrolment of women students in colleges	1985-86	48.1	28.8
27.	Teacher pupil ratio in all types of colleges	1985-86	1:21	1:20
28.	Doctor population ratio	1989-90	1:750	1:5000
29.	Number of beds per 1,000 population	1989-90	3	0.5
30.	Railway length per 1,000 Sq.Km	1988-89	21.0	19.2
31.	Length (Kms) of roads per:			
	i) 1,000 Sq.Kms.	1987-88	1,113	227
	ii) Lakh population	1987-88	596	104
32.	No. of vehicles(in operation) per lakh population	1986-87	7050	931
33.	Average population per bank office(in'000')	1986-87	5	14
34.	Per capita deposits of scheduled commercial bankjs(Rs)	1989	10,617	2,008
35.	Per capita bank credit of scheduled commercial banks(Rs0	1989	3,942	735

SOCIO-ECONOMIC INDICATORS OF GOA

(Concl'd.)

Sr. No.	Item	Year of reference	Goa	India
1	2	3	4	5
36.	Per capita income(Rs)			
	1) At current prices(quick estimates)	1988-89	6,231	3,835
	ii) At current prices(quick estimates)	1988-89	3,523	2,082
37.	No. of co-operative societies per lakh population			
38.	Per capita electricity consumed(Kwh)	1988-89	413	154
39.	Percentage of industrial consumption to total consumption of electricity(Kwh)	1985-86	57	56
40.	Number of telephone per 1,000 inhabitants	1985-86	12	5
41.	Number of post offices per lakh population	1985-86	19	19

- a) Per capita area is worked out on projected population as on 1st October, 1986
- b) Figures relate to the year 1983
- c) Figures relate to the year 1986-87
- d) Area figures relate to 1983-84 and number of tractors to 1982 Livestock Census.
- e) Figures relate to the year 1982-83
- f) Figures relate to the year 1984-85

P = Provisional

I. CLIMATE

1. RAINFALL AT SELECTED CENTRES DURING THE YEAR, 1989

Sr. no.	Centre	Total rainfall during the year (in mm)	No. of rainy days (2.5 mm or more in a day)	Haviest rainfall in a day and the date	
				Rainfall (in mm)	Date
1	2	3	4	5	6
1.	Panaji	2,565.0	90	142.7	8.6.89
2.	Mapusa	2,577.5	93	116.0	8.6.89
3.	Parnem	2,777.8	93	209.1	7.6.89
4.	Valpoi	3,791.0	108	185.5	7.6.89
5.	Ponda	3,016.3	105	192.6	7.6.89
6.	Sanguem	2,661.5	96	128.4	7.6.89
7.	Canacona	2,953.2	93	217.2	8.7.89
8.	Quepem	1,484.6	88	130.2	22.7.89
9.	Margao	2,302.2	90	138.0	8.6.89
10.	Mormugao	2,207.5	98	130.0	17.7.89

I. CLIMATE

2. MAXIMUM AND MINIMUM TEMPERATURES FOR PANAJI AND MORMUGAO TOWNS DURING 1987, 1988 AND 1989

(Time of observation 08.30 hrs I.S.T.)

Centre/ Year	Mean Maxi- mum 2	Mean Mini- mum 3	(Temperature in centigrade)			
			Highest		Lowest	
			Tempe- rature 4	Date 5	Tempe- rature 6	Date 7
Panaji						
1987	34.6	20.7	37.6	13.5.87	17.6	20.12.87
1988	31.6	23.3	37.2	15.11.88	17.6	1.12.88
1989	32.0	23.3	39.8	7.4.89	17.8	5.2.89
Mormugao						
1987	33.8	22.3	35.7	9.12.87	20.3	5.2.87
1988	31.3	24.2	36.3	7.11.88	20.2	2.12.88
1989	31.4	24.2	36.5	3.11.89	20.7	19.2.89

II. AREA AND POPULATION

3. TALUKAWISE DISTRIBUTION OF AREA, POPULATION AND DENSITY, 1981

State/ District/ Taluka	Area (in sq. km.)	Percentage to total geographical area	Population	Percentage to total population	Density per sq. km.
1	2	3	4	5	6
INDIA	32,87,263	100.00	68,51,84,692	100.00	216
GOA STATE	3,702.0	100.00	10,07,749	100.00	272
NORTH GOA	1,713.9	46.30	5,68,021	56.36	331
Tiswadi	197.9	5.34	1,31,941	13.09	667
Bardez	255.0	6.89	1,53,913	15.27	604
Pernem	241.0	6.51	59,352	5.89	246
Bicholim	233.4	6.31	74,089	7.35	317
Satari	499.0	13.48	40,838	4.05	82
Ponda	287.6	7.77	1,07,888	10.71	375
SOUTH GOA	1,946.7	52.59	4,39,728	43.64	226
Sanguem	879.4	23.76	55,904	5.55	64
Canacona	351.1	9.48	35,935	3.56	102
Quepem	317.3	8.57	55,593	5.52	175
Salcete	293.0	7.92	1,93,755	19.23	661
Mormugao	105.9	2.86	98,541	9.78	930

Note:- 1) The area figures for the State of Goa are supplied by the Surveyor General of India.

2) The area figures for talukas of Goa are those supplied by the Land Survey Department, Panaji.

II. AREA AND POPULATION

4. TALUKAWISE NUMBER OF TOWNS, REVENUE AND CENSUS VILLAGES, 1981

State/ District/ Taluka 1	No. of towns 2	No. of revenue villages 3	No. of census villages 4
GOA STATE	15	398	386
NORTH GOA	8	242	232
Tiswadi	1	38	28
Bardez	3	41	41
Pernem	1	27	27
Bicholim	1	28	28
Satarl	1	77	77
Ponda	1	31	31
SOUTH GOA	7	156	154
Sanguem	1	48	48
Canacona	1	8	8
Quepem	2	39	39
Salcete	2	48	46
Mormugao	1	13	13

Note: 1) Besides 398 inhabited villages, there are 9 un-inhabited villages, 3 in Satarl, 4 in Sanguem, one each in Canacona and Mormugao Talukas.

ii) The variation between number of revenue villages and census villages is noticed because 12 revenue villages are considered as outgrowth of urban agglomeration.

II. AREA AND POPULATION

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

State/ District/ Taluka	Rural popula- tion	Percen- tage of rural popu- lation to total population	Urban popula- tion	Percentage of urban population to total population
1	2	3	4	5
INDIA	52,54,57,335	76.69	15,97,27,357	23.31
GOA STATE	6,84,964	67.97	3,22,785	32.03
NORTH GOA	4,11,851	72.51	1,56,170	27.49
Tiswadi	54,715	41.47	77,226	58.53
Bardez	1,09,402	71.08	44,511	28.92
Pernem	55,377	93.30	3,975	6.70
Bicholim	62,856	84.84	11,233	15.16
Satarí	36,943	90.46	3,895	9.54
Ponda	92,558	85.79	15,330	14.21
SOUTH GOA	2,73,113	62.11	1,66,615	37.89
Sanguem	49,927	89.31	5,977	10.69
Canacona	34,306	95.47	1,629	4.53
Quepem	43,832	78.84	11,761	21.16
Salcete	1,16,191	59.97	77,564	40.03
Mormugao	28,857	29.28	69,684	70.72

II. AREA AND POPULATION
6. TALUKAWISE POPULATION BY SEX, 1981

State/ District/ Taluka	Persons	Males	Females	Sex ratio (fe- males per '000' Males)
1	2	3	4	5
INDIA	68,51,84,692	35,43,97,884	33,07,86,808	933
GOA STATE	10,07,749	5,10,152	4,97,597	975
NORTH GOA	5,68,021	2,87,083	2,80,938	979
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
SOUTH GOA	4,39,728	2,23,069	2,16,659	971
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

II. AREA AND POPULATION
7. DISTRIBUTION OF POPULATION BY LITERACY
IN URBAN AND RURAL AREAS, 1981

Classification 1	Total 2	Rural 3	Urban 4
<u>Total Population</u>			
Persons	10,07,749	6,84,964	3,22,785
Males	5,10,152	3,40,821	1,69,331
Females	4,97,597	3,44,143	1,53,454
<u>Literates</u>			
Persons	5,76,928	3,66,871	2,10,057
Males	3,36,634	2,14,926	1,21,708
Females	2,40,294	1,51,945	88,349
<u>Percentage Literacy</u>			
Persons	57.25	53.56	65.08
Males	65.99	63.06	71.88
Females	48.29	44.15	57.57

II. AREA AND POPULATION
8. TALUKAWISE LITERACY BY SEX, 1981

State/ District/ Taluka	Literates			Percentage of Literacy		
	Persons	Males	Females	Per- sons	Ma- les	Fe- ma- les
1	2	3	4	5	6	7
INDIA	24,10,31,849	16,12,85,568	7,97,46,261	38	47	25
GOA STATE	5,76,928	3,36,634	2,40,294	57	66	48
NORTH GOA	3,41,149	1,99,872	1,41,277	60	70	50
Tiswadi	84,755	48,834	35,921	64	72	56
Bardez	1,03,269	56,826	46,433	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
SOUTH GOA	2,35,779	1,36,762	99,017	54	61	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

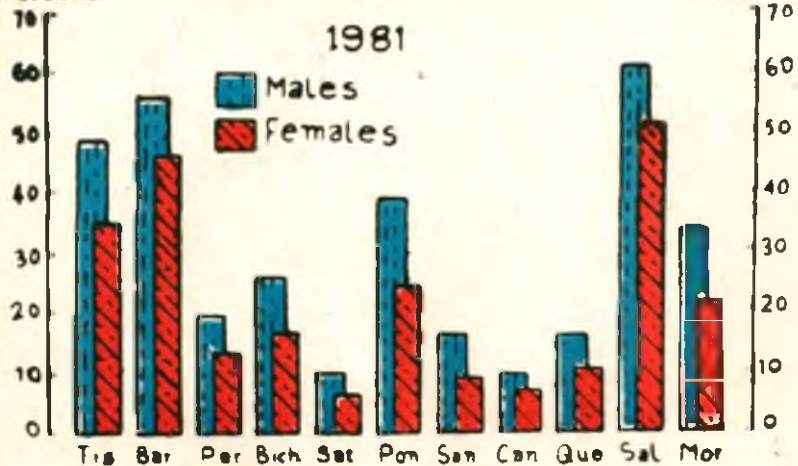
'000
Persons

LITERACY BY SEX

'000
Persons

1981

Males
Females



II. AREA AND POPULATION

9. TALUKAWISE DISTRIBUTION OF ECONOMICALLY ACTIVE MAIN WORKERS, MARGINAL WORKERS AND NON-WORKERS, 1981

State/ District/ Taluka 1	Total Main workers 2	Marginal workers 3	Non- workers 4
INDIA	22,25,16,574	2,20,88,412	42,06,82,863
GOA STATE	3,11,247	44,962	6,51,540
NORTH GOA	1,71,614	26,761	3,69,666
Tiswadi	42,912	3,702	85,327
Berdez	42,121	6,256	1,05,536
Pernem	16,382	6,143	36,827
Bicholim	22,190	3,577	48,322
Satarl	14,376	3,203	23,259
Ponda	33,633	3,870	70,385
SOUTH GOA	1,39,633	18,211	2,81,884
Sanguem	22,182	2,762	30,960
Canacona	10,894	2,728	22,313
Quepem	18,962	2,482	34,149
Salcaté	54,858	7,925	1,30,972
Mormugao	32,737	2,314	63,490

IL AREA AND POPULATION

10. TALUKAWISE DISTRIBUTION OF WORKING POPULATION (MAIN WORKERS) BY INDUSTRIAL CATEGORY, 1981

State/ District/ Taluka 1	Total main workers 2	As cultiva- tors 3	As agri- cultural labourers 4	In house- hold In- dustry 5	Other wor- kers 6
INDIA	222516574	92522835	55499704	7710920	66783115
GOA STATE	311247	58376	30556	10451	211864
NORTH GOA	171614	37088	16157	5968	112401
Tiswadi	42912	5063	2655	843	34351
Bardez	42121	6456	2971	1861	30833
Pernem	16382	7156	1602	1338	6286
Bicholim	22190	5309	1868	687	14326
Satari	14376	5729	2332	414	5901
Ponda	33633	7375	4729	825	20704
SOUTH GOA	139633	21288	14399	4483	99463
Sanguem	22182	4627	3469	380	13706
Canacona	10894	4947	958	430	4559
Quepem	18962	5972	2755	461	9774
Salcete	54858	5187	6358	2593	40720
Mormugao	32737	555	859	619	30704

II. AREA AND POPULATION

11. TALUKAWISE POPULATION OF SCHEDULED CASTES AND SCHEDULED TRIBES, 1981

State/ District/ Taluka	Scheduled castes po- pulation	Percentage of schedu- led castes to total population	Scheduled tribes population	Perce- ntage of scheduled tribes to total po- pulation
1	2	3	4	5
INDIA	10,47,54,623	15.75	5,16,28,638	7.76
GOA STATE	20,619	2.05	690	0.07
NORTH GOA	13,498	2.38	140	0.02
Tiswadi	2,351	1.78	40	0.03
Bardez	4,525	2.94	47	0.03
Pernem	2,399	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
SOUTH GOA	7,121	1.62	550	0.13
Sanguem	1,131	2.02	82	0.15
Canacona	208	0.58	2	0.01
Quepem	642	1.15	173	0.31
Salcete	2,541	1.31	209	0.11
Normugao	2,599	2.64	84	0.09

II. AREA AND POPULATION

12. DISTRIBUTION OF POPULATION IN GOA BY MAJOR RELIGIOUS COMMUNITIES, 1981

Sr. No.	Religious Communities	Population 1981 Census			Percentage to total population
		Males	Females	Total	
1	2	3	4	5	6
1.	Hindus	3,37,996	3,08,990	6,46,986	64.20
2.	Muslims	22,243	19,074	41,317	4.10
3.	Christians	1,47,636	1,68,266	3,15,902	31.35
4.	Sikhs	897	434	1,331	0.13
5.	Buddhists	249	53	302	0.03
6.	Jains	266	196	462	0.05
7.	Other religions and persuasions	261	183	444	0.04
8.	Religion not stated	604	401	1,005	0.10
	Total	5,10,152	4,97,597	10,07,749	100.00

II. AREA AND POPULATION
13. DECENNIAL GROWTH OF POPULATION

Year	Males	Females	Persons	Percent- age varia- tion
1	2	3	4	5
1900	2,27,393	2,48,120	4,75,513	-
1910	2,30,923	2,55,829	4,86,752	+ 2.36
1921	2,21,429	2,48,065	4,69,494	- 3.55
1931	2,41,936	2,63,345	5,05,281	+ 7.62
1940	2,59,591	2,81,334	5,40,925	+ 7.05
1950	2,57,267	2,90,181	5,47,448	+ 1.21
1960	2,85,625	3,04,372	5,89,997	+ 7.77
1971	4,01,362	3,93,758	7,95,120	+ 34.77
1981	5,10,152	4,97,597	10,07,749	+ 26.74

II. AREA AND POPULATION

14. ALL INDIA POPULATION BY STATES/U.T.
AS PER 1981 CENSUS

State/Union Territory 1	Total Population 1981		
	Persons 2	Males 3	Females 4
INDIA (a) (b)	685,184,692	354,397,884	330,786,808
STATES			
1. Andhra Pradesh	53,549,673	27,108,922	26,440,751
2. Assam (c)	19,896,843	10,467,461	9,429,382
3. Arunachal Pradesh	631,050	339,322	292,517
4. Bihar	69,914,734	35,930,560	33,984,174
5. Goa	1,007,749	510,152	497,597
6. Gujarat	34,085,799	17,552,640	16,533,159
7. Haryana	12,922,618	6,909,938	6,012,680
8. Himachal Pradesh	4,280,818	2,169,931	2,110,887
9. Jammu & Kashmir (a)	5,987,389	3,164,660	2,822,729
10. Karnataka	37,135,714	18,922,627	18,213,087
11. Kerala	25,453,680	12,527,767	12,925,913
12. Madhya Pradesh	52,178,844	26,886,305	25,292,539
13. Maharashtra	62,784,171	32,415,126	30,369,045
14. Manipur	1,420,953	721,006	699,947
15. Meghalaya	1,335,819	683,710	652,109
16. Mizoram	493,757	257,239	236,518
17. Nagaland	774,930	415,910	359,020
18. Orissa	26,370,271	13,309,786	13,060,485
19. Punjab	16,788,915	8,937,210	7,851,705

II. AREA AND POPULATION

14. ALL INDIA POPULATION BY STATES/U.T.
AS PER 1981 CENSUS (Concl'd.)

State/Union Territory 1	Total Population 1981		
	Persons 2	Males 3	Females 4
20. Rajasthan	34,261,861	17,854,154	16,407,708
21. Sikkim	316,385	172,440	143,945
22. Tamil Nadu	48,408,077	24,487,624	23,920,453
23. Tripura	2,053,058	1,054,846	998,212
24. Uttar Pradesh	110,862,013	58,819,276	52,042,737
25. West Bengal	54,580,647	28,560,901	26,019,746
UNION TERRITORIES			
1. A & N Islands	188,741	107,261	81,480
2. Chandigarh	451,610	255,278	196,332
3. D & N Haveli	103,676	52,515	51,161
4. Delhi	6,220,406	3,440,081	2,780,325
5. Daman and Diu	78,981	98,298	40,683
6. Lakshadweep	40,249	20,377	19,872
7. Pondicherry	604,471	304,561	299,910

- (a) The Population figures exclude population of areas under unlawful occupation of Pakistan and China where census could not be taken.
- (b) Includes projected population of Assam where census could not be held owing to disturbed conditions prevailing there.
- (c) Projected population for 1981.

II. AREA AND POPULATION

ALL INDIA

15. LITERACY IN INDIA AND PERCENTAGE
TO TOTAL

INDIA/STATES/UTS.	Total Literates 1981	
	Persons	Percentage to total
1	2	3
INDIA	241,031,849	36.23
<u>STATES</u>		
1. Andhra Pradesh	16,034,818	29.04
2. Arunachal Pradesh	131,333	20.79
3. Bihar	18,321,004	26.20
4. Goa	576,928	57.25
5. Gujarat	14,895,844	43.70
6. Haryana	4,669,898	36.14
7. Himachal Pradesh	1,818,287	42.48
8. Jammu & Kashmir	1,596,776	26.67
9. Karnataka	14,282,717	38.46
10. Kerala	17,924,732	70.42
11. Madhya Pradesh	14,544,568	27.87
12. Maharashtra	29,620,806	47.18
13. Manipur	587,618	41.35
14. Meghalaya	455,191	34.08
15. Mizoram	295,685	59.88
16. Nagaland	329,878	42.57
17. Orissa	9,027,205	34.23

**II. AREA AND POPULATION
ALL INDIA**

**15. LITERACY IN INDIA AND PERCENTAGE
TO TOTAL (Concl.d.)**

INDIA/STATES/UTS.	Total Literates 1981	
	Persons	Percentage to total
1	2	3
18. Punjab	6,860,349	40.86
19. Rajasthan	8,354,117	24.38
20. Sikkim	107,738	34.05
21. Tamil Nadu	22,637,659	46.76
22. Tripura	864,799	42.12
23. Uttar Pradesh	30,105,260	27.16
24. West Bengal	22,344,159	40.94
<u>UNION TERRITORIES</u>		
1. A & N Islands	97,321	51.56
2. Chandigarh	292,580	64.79
3. D & N Haveli	27,655	26.67
4. Delhi	3,828,326	61.54
5. Daman and Diu	38,824	49.16
6. Lakshadweep	22,165	55.07
7. Pondicherry	337,615	55.85

Note: Excludes Assam where census could not be held owing to disturbed condition.

III. AGRICULTURE

16. LAND UTILISATION PATTERN, 1989-90

Sr. No.	Item	Area in hectares	Percentage total geographical area
1	2	3	4
1.	Total geographical area according to Land Survey Department	3,61,113	100.00
2.	Area under forest	1,05,294	29.16
3.	Land not available for cultivation	33,137	9.18
4.	Other uncultivated land	79,341	21.97
	i) Permanent pastures and other grazing lands	1,305	0.36
	ii) Land under miscellaneous tree crops and groves not included in net area sown	580	0.16
	iii) Cultivable waste (including fallow land)	77,456	21.45
5.	Net area sown	1,43,341	39.69
6.	Area sown more than once	12,249	3.39
7.	Gross cropped area	1,55,590	43.08

III. AGRICULTURE

17. ESTIMATES OF TOTAL AREA UNDER PRINCIPAL CROPS AND THE IRRIGATED AREA FOR THE YEARS 1989-90 AND 1990-91

(In hectares)

Sr. No.	Crop	Total area under the crop		Percentage to total cropped area		Irrigated area	
		1989-90	1990-91	1989-90	1990-91	1989-90	1990-91
1	2	3	4	5	6	7	8
1.	Rice	53,660	53,486	34.49	35.32	11,392	11,198
	i) Kharif	42,268	42,288	27.17	27.92	-	-
	ii) Rabi	11,392	11,198	7.32	7.40	11,392	11,198
2.	Ragi	3,574	3,690	2.30	2.44	N.A.	-
3.	Maize	100	146	0.06	0.10	N.A.	N.A.
4.	Pulses	10,705	5,411	6.88	3.57	N.A.	5,411
5.	Groundnut	997	682	0.64	0.45	N.A.	N.A.
6.	Areca nut	1,304	1,304	0.84	0.86	1,304	1,304
7.	Coconut	23,500	23,800	15.10	15.72	N.A.	N.A.
8.	Cashewnut	47,800	48,300	30.72	31.89	N.A.	N.A.
9.	Sugarcane	1,850	1,828	1.19	1.21	1,850	1,828
10.	Mango & banana	4,850	5,050	3.12	3.33	N.A.	N.A.
11.	Vegetables	7,250	7,300	4.66	4.82	N.A.	N.A.
12.	Pineapple	-	440	-	0.29	-	N.A.
Total area sown under all crops		1,55,590	1,51,437	100.00	100.00	14,546	19,741

III. AGRICULTURE

18. PRODUCTION ESTIMATES OF RICE AND RAGI CROPS
FOR THE YEAR 1989-90

(In tonnes)

State/District/Taluka	Estimated Production	
	Rice	Ragi
1	2	3
GOA STATE	1,38,040	3,760
NORTH GOA	81,052	1,816
Tiswadi	20,258	-
Bardez	17,365	97
Pernem	9,638	622
Bicholim	12,556	246
Satari	7,999	281
Ponda	13,236	570
SOUTH GOA	56,988	1,944
Sanguem	8,225	721
Canacona	8,652	614
Quepem	12,690	567
Salcete	24,326	23
Mormugao	3,095	19

18(1). ESTIMATED PRODUCTION OF PADDY DURING 1987-88
TO 1990-91

(In tonnes)

State/District/ Taluka	Production			
	1987-88	1988-89	1989-90	1990-91
1	2	3	4	5
GOA STATE	1,66,668	1,93,779	2,07,069	2,01,238
NORTH GOA	96,319	1,08,853	1,21,580	1,17,746
Tiawadi	25,530	23,551	30,386	25,908
Bardez	17,221	24,673	26,049	26,534
Parnem	11,118	15,293	14,460	17,774
Bicholim	15,192	16,887	18,834	17,754
Sateri	8,879	11,333	11,998	11,942
Ponda	18,379	17,116	19,853	17,834
SOUTH GOA	70,349	84,926	85,489	83,492
Sanguem	10,101	12,254	12,337	12,733
Canacona	9,146	13,156	12,981	11,294
Quepem	17,661	20,507	19,036	19,277
Salcete	30,454	35,097	36,492	35,642
Mormugao	2,987	3,912	4,643	4,546

III. AGRICULTURE

19. ESTIMATES OF AVERAGE YIELD OF RICE
FOR THE YEAR 1989-90

(Kgs/Hectares)

State/District/Taluka Crop 1	Average yield	
	Kharif 2	Rabi 3
RICE :		
GOA STATE	2,441	2,889
NORTH GOA	2,597	2,941
Tiswadi	3,058	2,972
Bardez	2,665	2,598
Pernem	2,135	2,489
Bicholim	2,838	3,023
Satari	2,288	3,363
Ponda	2,248	3,292
SOUTH GOA	2,266	2,820
Sanguem	1,737	3,583
Canacona	2,489	2,816
Quepem	2,321	2,980
Salcete	2,331	2,377
Mormugao	2,454	2,381

III. AGRICULTURE

20. PROGRESS UNDER SOIL CONSERVATION
DURING THE YEARS 1988-89 & 1989-90

Sr. No.	Description	1988-89	1989-90
1	2	3	4
1.	Area protected by bunds (in Ha.)		
	a) New Construction	-	-
	b) Repairs	2,400	3,000
2.	Length (Kms.)		
	a) New construction	-	-
	b) Repairs	22	22
3.	Expenditure (Rs. in lakhs)		
	a) New construction	-	-
	b) Repairs	15.82	23.41
	c) Subsidies	11.84	7.38

III. AGRICULTURE

21. NUMBER OF AGRICULTURAL IMPLEMENTS AND MACHINERY AS ON 15TH OCTOBER, 1987

Sr. No.	Item	Nos.
1	2	3
1.	Hand operated implements :	
	i) Sprayers and Dusters	453
2.	Animal operated implements :	
	i) Wooden ploughs	29,320
	ii) Steel ploughs	5,184
	iii) Disc harrow	1,490
	iv) Cultivators (triphali)	1,894
	v) Seed drill	142
	vi) Levelling Karah (leveller)	17,158
	vii) Wet land puddlers	1,580
	viii) Olpad threshers	19
	ix) Animal carts	420
3.	Plant protection equipment and engines etc :	
	i) Power operated sprayers/dusters	33
	ii) Diesel engine pumpsets	367
	iii) Electric pumpsets	1,522
4.	Tractor power and their implements :	
	i) Power tillers for agricultural purpose	76
	ii) Tractors used for agricultural purpose	82
	iii) Mould board ploughs	368
	iv) Disc harrow	99
5.	Planters	20
6.	Levellers	177
7.	Other power operated equipments :	
	i) Threshers (paddy)	3
	ii) Cheff cutters	2
	iii) Sugarcane crushers	1

III. AGRICULTURE

22. DISTRICTWISE NUMBER AND AREA OF OPERATIONAL HOLDINGS IN GOA, 1985-86

Sr. No.	Size class (hectares)	Number of holdings		Area operated (in ha.)	
		North Goa	South Goa	North Goa	South Goa
1	2	3	4	5	6
1.	Below 0.5	22,465 (53)	19,193 (58)	5,244 (12)	4,165 (13)
2.	0.5 - 1.0	9,848 (23)	6,702 (20)	6,752 (15)	4,635 (14)
3.	1.0 - 2.0	5,833 (14)	4,384 (13)	7,862 (17)	5,899 (18)
4.	2.0 - 3.0	1,981 (5)	1,418 (4)	4,656 (10)	3,328 (10)
5.	3.0 - 4.0	748 (2)	473 (1)	2,520 (6)	1,614 (5)
6.	4.0 - 5.0	426 (1)	275 (1)	1,866 (4)	1,200 (4)
7.	5.0 - 7.5	430 (1)	364 (1)	2,606 (6)	2,183 (7)
8.	7.5 - 10.0	247 (1)	169 (1)	2,133 (5)	1,442 (4)
9.	10.0 - 20.0	197 (-)	229 (1)	2,770 (6)	3,042 (9)
10.	20.0 - 30.0	58 (-)	62 (-)	1,412 (3)	1,477 (4)
11.	30.0 - 40.0	24 (-)	6 (-)	837 (2)	213 (1)
12.	40.0 - 50.0	6 (-)	11 (-)	250 (-)	502 (1)
13.	50.0 and above	40 (-)	30 (-)	6,149 (14)	3,372 (10)
Total		42,303 (100)	33,316 (100)	45,057 (100)	33,072 (100)

Note : Figures in brackets indicate percentage to total.

IV. ANIMAL HUSBANDRY

23. DISTRICTWISE NUMBER OF LIVESTOCK
AND POULTRY AS ON 15TH OCTOBER
1987

Sr. No.	Item	North Goa	South Goa	GOA state
1	2	3	4	5

LIVESTOCK

1. Cattle

a) Cross-bred

Males :

Under 1 year	141	135	276
1 to 2 1/2 years	110	148	258
Over 2 1/2 years	167	248	415
Total Males	418	531	949

Females :

Under 1 year	293	325	618
1 to 2 1/2 years	403	316	719
Over 2 1/2 years but less than 3 years	627	704	1,331
i) In milk	334	405	739
ii) Dry	225	175	400
iii) Not yet calved	49	107	156
iv) Others	19	17	36
Over three years	533	662	1,195
i) In milk	386	484	870
ii) Dry	124	132	256
iii) Not yet calved	21	45	66
iv) Others	2	1	3
Total Females	1,856	2,007	3,863
Total Crossbred Cattle	2,274	2,538	4,812

IV. ANIMAL HUSBANDRY

23. DISTRICTWISE NUMBER OF LIVESTOCK AND
POULTRY AS ON 15TH OCTOBER, 1987 (Contd.)

Sr. No.	Item	North Goa	South Goa	Total
1	2	3	4	5
	b) Indigenous			
	Males			
	Under 1 year	2,757	2,905	5,662
	1 to 3 years	4,901	5,196	10,097
	Over 3 years	24,553	18,339	42,892
	Total Males	32,211	26,440	58,651
	Females :			
	Under 1 year	4,915	3,435	8,350
	1 to 3 years	5,263	4,685	9,948
	Over 3 years	17,152	13,103	30,255
	i) In milk	7,265	5,413	12,678
	ii) Dry	7,908	6,026	13,934
	iii) Not yet calved	1,406	1,224	2,630
	iv) Others	573	440	1,013
	Total Females	27,330	21,223	48,553
	Total Indigenous Cattle	59,541	47,663	107,204
2.	Buffaloes			
	a) Males :			
	Under 1 year	1,282	944	2,226
	1 to 3 years	1,741	1,180	2,921
	Over 3 years	6,397	3,252	9,649
	Total Males	9,420	5,376	14,796
	b) Females :			
	Under 1 year	2,645	1,526	4,171
	1 to 3 years	2,505	1,586	4,091
	Over 3 years	10,900	6,854	17,754

IV. ANIMAL HUSBANDRY

**23. DISTRICTWISE NUMBER OF LIVESTOCK AND
POULTRY AS ON 15TH OCTOBER, 1987 (Concl'd.)**

Sr. No.	Item	North Goa	South Goa	Total
1	2	3	4	5
	i) In milk	6,049	3,941	9,990
	ii) Dry	3,943	2,166	6,109
	iii) Not yet calved	711	566	1,277
	iv) Others	197	181	378
	Total Females	16,050	9,966	26,016
	Total Buffaloes	25,470	15,342	40,812
	Total Bovine	87,285	65,543	152,828
3.	Sheep	195	271	466
4.	Goats	10,504	7,531	18,035
5.	Horses and ponies	4	26	30
6.	Pigs	29,993	55,962	85,955
7.	Dogs	31,803	27,076	58,879
8.	Fowls	430,814	177,321	608,135

IV. ANIMAL HUSBANDRY

24. GENERAL INFORMATION RELATING TO ANIMAL HUSBANDRY AND VETERINARY SERVICES, 1989-90

Sr. No.	Item	Unit	Nos.
1	2	3	4
1.	Veterinary hospitals	No.	2
2.	Veterinary dispensaries	"	19
3.	Ambulatory clinic	"	2
4.	Veterinary surgeons & others	"	39
5.	Extension Officers	"	12
6.	Dressers	"	35
7.	Stockmen	"	123
8.	Government poultry farm :		
	a) Poultry Manager	"	1
	b) Poultry Assistants	"	3
	c) Poultry Attendants	"	7
9.	Milk distributed through Government dairies	Lakh Litres	127.75
10.	Amount of subsidy distributed :		
	a) Poultry Development	Rs. in lakhs	2.04
	b) Piggery development	"	0.75
	c) Crossbred calf	"	7.42
11.	Key Village Scheme :		
	a) Centre	No.	1
	b) Sub Centres	"	49
12.	Artificial inseminations performed	"	8,687
13.	Innoculations performed	No.	32,47,578
14.	Castrations performed	No.	2,431
15.	Analysis & examinations	"	868
16.	Cases treated :		
	a) Contagious diseases	"	1,092
	b) Non-contagious diseases	"	12,84,853
	c) In patients	"	5,21,487
	d) Out patients	"	7,64,458

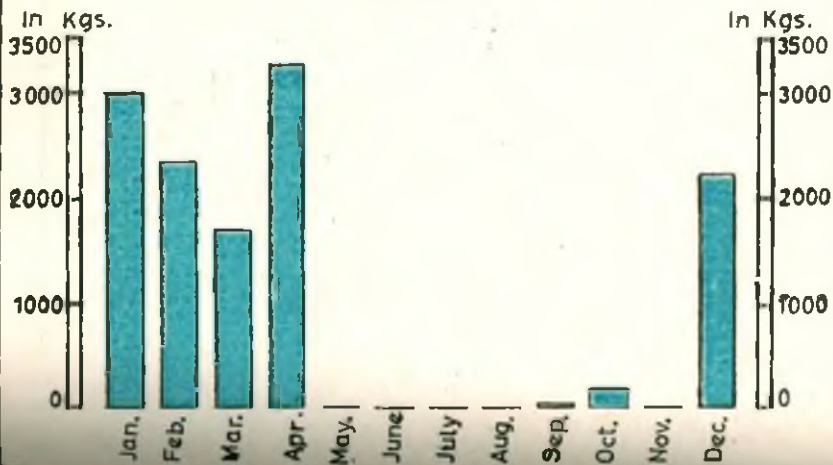
V. FISHERIES

25. MONTHWISE FISH CATCH BY THE FISHERIES DEPARTMENT
DURING 1989

Month 1	Quantity of fish catch in kgs. 2	Value in Rs. 3
January	2,987	4,250
February	2,322	5,061
March	1,651	2,476
April	3,219	4,994
May	-	-
June	-	-
July	-	-
August	-	-
September	55	41
October	162	57
November	-	-
December	2,185	2,062
Total	12,581	18,941

FISH CATCH BY THE FISHERIES DEPARTMENT

1989



V. FISHERIES

26. VARIETYWISE QUANTITY AND VALUE OF MARINE FISH CATCH DURING 1989

Sr. No.	Variety of fish	Quantity (in tonnes)	Value (Rs. in lakhs)
1	2	3	4
1.	Mackere1	19,136.9	911.28
2.	Sardines	10,650.9	313.26
3.	Cat fish	1,581.1	63.24
4.	Shark	341.3	7.58
5.	Seer fish	212.4	8.16
6.	Prawns	5,990.2	665.57
7.	Pomfrets	203.4	40.68
8.	Jaw fish	26.3	6.57
9.	Others	16,407.3	341.81
	Total	54,549.8	2,358.15

V. FISHERIES

27. DISPOSAL OF MARINE FISH CATCH DURING 1989

Sr. No.	Method of disposal	Quantity (In tonnes)
1	2	3
1.	Marketed fresh	38,184.8
2.	Sun dried	8,182.4
3.	Salted	3,818.7
4.	Miscellaneous including manure	4,363.9
	Total	54,549.8

V. FISHERIES

28. QUANTITY AND VALUE OF FROZEN SHRIMPS AND OTHER FISH EXPORTED FROM GOA DURING THE YEARS 1981 TO 1988

(Quantity in tonnes & value in Rupees lakhs)

Year	Export of				Total	
	Frozen Shrimps		Bulk of frozen fish		Qty.	Value
	Qty.	Value	Qty.	Value		
1	2	3	4	5	6	7
1981	1168.3	473.71	-	-	1168.3	473.71
1982	2224.8	1050.50	1643.8	144.22	3868.6	1194.72
1983	1576.6	742.93	3301.3	310.67	4877.9	1053.60
1984	1133.7	602.70	804.5	68.50	1938.2	671.20
1985	1362.8	756.80	-	-	1362.8	756.80
1986	-	-	2014.4	873.59	2014.4	873.59
1987	-	-	1990.9	712.21	1990.9	712.21
1988	-	-	2586.2	523.63	2586.2	523.63

V. FISHERIES

29. NUMBER OF FISHING GEARS AS ON 15TH OCT. 1987

Sr. No.	Item	Figures as per 1987 Livestock Census (Provi- sional)
1	2	3
1. Fishing crafts		
a) Mechanised boats		
i)	Gill netters (O.B.M.)	233
ii)	Trawlers	193
iii)	Liners	1
iv)	Others	474
Total		901
b) Non-mechanised boats		
i)	Beach seine boats	-
ii)	Plank built boats	406
iii)	Dug out canoes	1,144
iv)	Others	64
Total		1,614
2. Fishing gears		
i)	Drag nets	1,128
ii)	Gill nets (Sea and river)	4,535
iii)	Trawl nets	502
iv)	Cast nets	1,174
v)	Others	858
Total		8,197

V. FISHERIES

30. NUMBER OF FISHING GEARS REGISTERED DURING
THE YEAR 1989

Sr. No.	Item	Number
1	2	3
1.	Fishing crafts	
	a) Mechanised boats :	
	i) Gill netters (O.B.M.)	900
	ii) Trawlers	726
	iii) Liners	-
	iv) Others	-
	Total	1,626
	b) Non-mechanised boats :	
	i) Beach seine boats	-
	ii) Plank built boats	500
	iii) Dug out canoes	300
	iv) Others	1,200
	Total	2,000
2.	Fishing gears	
	i) Drag nets	4
	ii) Gill nets (sea and river)	149
	iii) Trawl nets	11
	iv) Cast nets	-
	v) Others	230
	Total	394

FOREST PLANTATION



AMOUNT SPENT FOR PLANT WORK



AREA BROUGHT UNDER PLANT (additional)

IN RUPEES

16000

12000

8000

4000

0

IN HECTARES

100000

80000

60000

40000

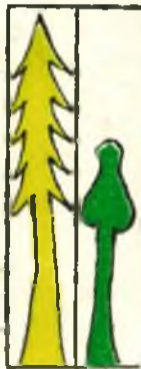
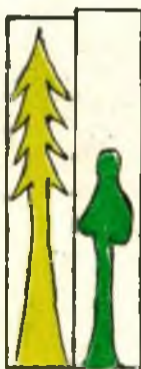
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1987-88

1988-89

1989-90



VI. FORESTS

31. TOTAL AREA AND ADDITIONAL AREA BROUGHT UNDER FOREST PLANTATION 1989-90

Sr.No.	Item	Area in Hactares
1	2	3
1.	Area under forest	1,05,294
2.	Additional area brought under plantation during the year	
	a) New Plantation	
	i) Casuarina	55
	ii) Mangrove	529
	iii) Mixed	
	b) Enrichment	
	i) Mixed sapling	1,000
	ii) Cashew	
	iii) Rubber	
3.	Number of labour un engaged (Mandays)	5,61,660
4.	Amount spent in plantation work (Rs.'000')	15,826

VI. FORESTS

32. QUANTITY AND VALUE OF FORESTS PRODUCE, 1989-90

Sr. No	Item	Unit	Quantity		Total	Value realised in Rs.
			North Goa Div	South Goa Div		
1	2	3	4	5	6	7
1.	Cane	Nos.	39,662	10,000	49,662	1,98,648
2.	Bamboos					
	i) Government					
	ii) Private		14,400	2,000	16,400	N.A.

VII. INDUSTRIES

33. GENERAL INFORMATION ON INDUSTRIES IN GOA
FOR THE YEARS 1986-87 AND 1987-88

Sr. No.	Item	Unit	1986-87	1987-88
1	2	3	4	5
1.	Factories covered by Annual Survey of Industries	Number	229	227
2.	Productive Capital	Rs. in lakhs	27,307.22	28,845.47
	a) Fixed Capital	"	17,843.69	17,750.95
	b) Working Capital	"	9,463.53	11,094.52
3.	Outstanding loans	"	14,113.60	15,957.69
4.	Manhours worked	Hrs. in lakhs	388.80	424.00
5.	Employment	Number	15,032	15,003
	a) Workers	"	11,071	10,833
	b) Other than workers	"	3,961	4,170
6.	Emoluments	Rs. in lakhs	2,707.96	3,360.91
	a) Wages	"	1,522.02	1,685.54
	b) Salaries	"	720.78	1,071.91
	c) Other benefits	"	465.16	604.46
7.	Inputs	Rs. in lakhs	50,536.58	44,654.93
	a) Fuel consumed	"	3,262.40	3,133.37
	b) Raw materials consumed including materials consumed for repairs and maintenance	"	39,284.84	35,696.11

VII. INDUSTRIES

33. GENERAL INFORMATION ON INDUSTRIES IN GOA
FOR THE YEARS 1986-87 AND 1987-88 (Concl'd.)

Sr. No.	Item	Unit	1986-87	1987-88
1	2	3	4	5
c)	Work done by other concerns	Rs.in lakhs	417.08	300.85
d)	Purchase value of goods sold in the same condition as purchased	"	3,819.90	929.91
e)	Depreciation	"	2,334.85	2,597.03
f)	Other expenses including value of products reported for sale in the last years return	"	1,417.51	1,997.66
8.	Gross output	Rs.in lakhs	62,487.94	54,317.46
a)	Products and by-products	"	53,682.64	51,108.05
b)	Work done for other concerns	"	2,033.39	1,367.67
c)	Net balance of semi-finished goods at the end of the year	"	1,671.73	459.71
d)	Sale value of goods sold in the same condition as purchased	"	5,100.18	1,382.03
9.	Value added by manufacture	"	11,951.36	9,662.53
a)	As percentage to gross output	%	19.13	17.79
b)	As percentage to productive capital	%	43.77	33.50
c)	Per person employed	Rupees	79,506	64,404

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (P)

		Base Year 1980-81= 100		
Industry group (2 digit)	Industry group Product	Industry group product weight	Industry sub-group product weight	Average Index for 1988-89
1	2	3	4	5
20-21	Manufacture of food products	3.93	100.00	107
	a) Canned meat	0.01	0.25	532
	b) Milk	0.50	12.72	252
	c) Canned fruit	0.01	0.26	7
	d) Canned fish	0.46	11.71	22
	e) Wheat/flour/atta/ rawa etc.	0.95	24.17	21
	f) Sugar	0.80	20.36	155
	g) Molasses	0.01	0.25	172
	h) Cashew kernels	1.18	30.03	114
	i) Ice	0.01	0.25	N.A.
22	Manufacture of beverages, tobacco and related products	2.02	100.00	244
	a) Beer	1.11	54.95	162
	b) Indian made foreign liquor	0.50	24.75	479
	c) Country liquor	0.07	3.47	93
	d) Sweet waters	0.26	12.87	176
	e) Soda water	0.08	3.96	258
23	Manufacture of cotton textiles	0.98	100.00	54
	a) Textile yarn	0.98	100.00	54

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (Contd.) (P)

Base Year 1980-81=100

Industry group (2 digit)	Industry group product	Quarterly indices 1989-90				Annual In- dex 1989- 90
		1st Quar- ter (April- June)	2nd Quar- ter (July- Sept.)	3rd Quar- ter (Oct.- Dec.)	4th Quar- ter (Jan.- March)	
1	2	6	7	8	9	10
20-21	Manufacture of food products	112	130	181	188	153
	a) Canned meat	217	300	183	283	246
	b) Milk	272	273	297	316	289
	c) Canned fruit	123	-	-	-	31
	d) Canned fish	103	202	261	65	158
	e) Wheat/flour/atta/ rawa etc.	90	106	108	82	96
	f) Sugar	-	-	180	445	156
	g) Molasses	-	-	155	436	148
	h) Cashew kernels	143	152	163	93	138
	i) Ice	27	39	68	49	46
22	Manufacture of beverages, tobacco and related products	261	217	281	319	269
	a) Beer	195	130	186	245	189
	b) Indian made foreign liquor	433	475	538	557	501
	c) Country liquor	63	27	13	63	41
	d) Sweet waters	229	119	228	223	200
	e) Soda water	384	287	406	386	366
23	Manufacture of cotton textiles	124	94	100	119	109
	a) Textile yarn	124	94	100	119	109

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (Contd.) (P)

Base Year 1980-81=100

Industry group (2 digit)	Industry group Product	Industry group product weight	Industry sub-group product weight	Average Index for 1988-89
1	2	3	4	5
25	Manufacture of Jute and other vegetable fibre textile(except cotton)	0.01	100.00	119
	a) Laminated Jute bags	0.01	100.00	119
26	Manufacture of textile products	0.82	100.00	363
	a) Nylon fishnet	0.24	29.27	455
	b) Ready made garments	0.32	39.02	589
	c) Sanitary towels	0.26	31.71	N.A.
27	Manufacture of wood and wood products, furniture and fixtures	0.05	100.00	N.A.
	a) Furniture and fixtures	0.05	100.00	N.A.
28	Manufacture of paper and paper products and printing, publishing and allied industries	0.84	100.00	216
	a) Corrugated boxes/boards	0.20	23.81	656
	b) Cartoons	0.10	11.90	35
	c) News-papers	0.35	41.67	117
	d) Other printing and allied activities	0.19	22.62	33

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (Contd.) (P)

Base Year 1980-81=100

Industry group (2 digit)	Industry group product	Quarterly indices 1989-90				Ann- ual dex (1989- 90)
		1st Quar- ter (April- June)	2nd Quar- ter (July- Sept.)	3rd Quar- ter (Oct.- Dec.)	4th Quar- ter (Jan.- March)	
1	2	6	7	8	9	10
25	Manufacture of Jute and other vegetable fibre textile(except cotton)	1738	2757	2627	3462	2646
	a) Laminated Jute bags	1738	2757	2627	3462	2646
26	Manufacture of textile products	921	942	1047	939	962
	a) Nylon fishnet	554	470	523	606	538
	b) Ready made garments	1481	1495	1606	1227	1452
	c) Sanitary towels	571	697	842	891	750
27	Manufacture of wood and wood products, furniture and fixtures	105	107	82	126	105
	a) Furniture and fixtures	105	107	82	126	105
28	Manufacture of paper and paper products and printing, publishing and allied industries	209	231	229	213	220
	a) Corrugated boxes/boards	555	589	470	475	522
	b) Cartoons	67	157	336	195	189
	c) News papers	123	129	142	132	131
	d) Other printing and allied activities	79	89	78	97	86

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GSA
FOR THE YEAR 1989-90(Contd.) (P)

Industry group (2 digit)	Industry group product	Base Year 1980-81=100		Average Index for 1988-90
		Industry group product weight	Industry sub-group product weight	
1	2	3	4	5
30	Manufacture of basic chemicals and chemical products (except products of petroleum and coal)	41.03	100.00	228
a)	Acetylene gas	0.25	0.61	96
b)	Oxygen gas	0.15	0.37	150
c)	Carbon dioxide	0.04	0.10	637
d)	Nitrogen	0.01	0.02	189
e)	Potassium permanganate	0.56	1.36	8
f)	Pesticides formulations (liquid)	8.43	20.55	250
g)	Urea	19.99	48.72	121
h)	Other fertilizers	9.88	24.08	424
i)	Paints varnishes and enamels	0.18	0.44	175
j)	Surgical adhesives	0.22	0.54	385
k)	Liquid pharmaceutical	0.25	0.61	260
l)	Injectables (all kinds)	0.12	0.29	506
m)	Tablets(all kinds)	0.56	1.36	254
n)	Capsules (all kinds)	0.09	0.22	397
o)	Syrup	0.09	0.22	98
p)	Transfusions	0.02	0.05	189
q)	Creams & ointment	0.06	0.15	1665
r)	Talcum powder	0.05	0.12	232
s)	Lotions and shampoos	0.08	0.19	479

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90(Contd.) (P)

Industry group (2 digit)	Industry group product	Base Year 1980-81-100				Ann- ual In- dex 1989- 90
		1st Quar- ter (April- June)	2nd Quar- ter (July- Sept.)	3rd Quar- ter (Oct.- Dec.)	4th Quar- ter (Jan.- March)	
1	2	6	7	8	9	10
30	Manufacture of basic chemicals and chemical products(except pro- ducts of petroleum and coal)	111	213	230	250	201
a)	Acetylene gas	81	101	94	104	95
b)	Oxygen gas	145	160	147	173	156
c)	Carbon dioxide	453	591	954	1035	758
d)	Nitrogen	252	239	231	332	263
e)	Potassium permanganate	-	-	27	10	9
f)	Pesticides formula- tions (liquid)	251	249	250	304	263
g)	Urea	61	151	149	158	130
h)	Other fertilizers	51	284	368	391	273
i)	Paints varnishes and enamels	130	235	170	174	177
j)	Surgical adhesives	319	417	446	425	402
k)	Liquid pharmaceutical	336	420	339	395	372
l)	Injectables(all kinds)	601	772	845	884	700
m)	Tablets (all kinds)	193	264	267	166	222
n)	Capsules (all kinds)	306	379	334	287	326
o)	Syrup	75	103	74	132	96
p)	Transfusions	200	218	194	212	206
q)	Creams & ointment	3500	2557	928	1443	2107
r)	Talcum powder	217	78	50	100	111
s)	Lotions and shampoos	389	689	778	778	658

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (Contd.) (P)

Industry group (2 digit)	Industry group product	Base Year 1989-81=100		
		Industry group product weight	Industry sub-group product weight	Average Index for 1988-
1	2	3	4	5
31	Manufacture of rubber, plastic petroleum and coal products, processing of nuclear facts	42.47	100.00	168
	a) Giant tyres	41.61	97.98	168
	b) Camel back	0.22	0.52	N.A.
	c) Flaps	0.35	0.82	321
	d) Spectacle frames	0.07	0.16	84
	e) Containers	0.04	0.09	81
	f) Bottles	0.05	0.12	354
	g) Fan covers	0.01	0.02	533
	h) Spools & snapings	0.05	0.12	8
	i) Acrylic plastic sheets	0.07	0.17	89
32	Manufacture of non metallic mineral products	0.26	100.00	219
	a) Non-ceramic tiles/ridges	0.06	23.08	169
	b) Other tiles except roofing	0.14	53.84	335
	c) Electrodes	0.06	23.08	N.A.
34	Manufacture of metal products and parts, except machinery and equipment	0.12	100.00	51
	a) Rolling shutters	0.01	8.34	87
	b) Fabricated structurals	0.09	75.00	59
	c) Metal furniture	0.01	8.33	N.A.
	d) M.S. wire and wire nails	0.01	8.33	N.A.

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90 (Contd.) (P)

Base Year 1980-81=100

Industry group (2 digit)	Industry group product	Quarterly indices 1989-90				Annual Index 1989-90
		1st Quarter (April-June)	2nd Quarter (July-Sept.)	3rd Quarter (Oct.-Dec.)	4th Quarter (Jan.-March)	
1	2	6	7	8	9	10
31	Manufacture of rubber, plastic petroleum and coal products, processing of nuclear facts	187	195	194	212	197
a)	Giant tyres	186	195	194	212	197
b)	Camel back	19	-	41	-	15
c)	Flaps	356	319	258	322	314
d)	Spectacle frames	98	87	87	93	91
e)	Containers	122	167	77	110	119
f)	Bottles	791	708	813	572	721
g)	Fan covers	270	60	60	20	102
h)	Spools & snapings	64	132	203	186	146
i)	Acrylic plastic sheets	174	210	145	135	166
32	Manufacture of non metallic mineral products	277	231	226	277	253
a)	Non-ceramic tiles/ridges	261	132	245	277	229
b)	Other tiles except roofing	350	339	314	396	350
c)	Electrodes	122	78	-	-	50
34	Manufacture of metal products and parts, except machinery and equipment	165	167	106	88	131
a)	Rolling shutters	11	39	37	97	46
b)	Fabricated structurals	40	43	41	29	38
c)	Metal furniture	1333	1054	637	502	881
d)	M.S. wire and wire nails	280	520	230	200	307

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOM
FOR THE YEAR 1989-90 (Contd.) (P)

Base Year 1980-81 = 100				
Industry group (2 digit)	Industry group product	Industry group product weight	Industry sub-group product weight	Average Index for 1988-9
1	2	3	4	5
35-36	Manufacture of machinery and equipment other than transport equipment	0.43	100.00	379
	a) Driers	0.04	9.30	460
	b) Ovens	0.04	9.30	1000
	c) Power capacitors	0.09	20.93	156
	d) Auto/electric lamps	0.03	6.98	318
	e) T.V. sets (all kinds)	0.23	53.49	353
37	Manufacture of transport equipment and parts	5.96	100.00	401
	a) Naval/exploratory vessels	5.41	90.77	133
	b) Ship building spares	0.15	2.52	299
	c) Vehicle body building (all kinds)	0.28	4.70	24
	d) Auto Ancillary and parts	0.12	2.01	13508
38	Other manufacture Industries	1.08	100.00	301
	a) Industrial thermometre	0.09	8.33	337
	b) Projectors (all kinds)	0.95	87.96	303
	c) Polished diamonds	0.04	3.71	171
	General Index	100.00	-	209

VII. INDUSTRIES

34. QUARTERWISE INDEX OF INDUSTRIAL PRODUCTION IN GOA
FOR THE YEAR 1989-90(Concl'd.) (P)

Base Year 1980-81 = 100

Industry group (2 digit)	Industry group product	Quarterly indices 1989-90				Ann- ual In- dex 1989- 90
		1st Quar- ter (April- June)	2nd Quar- ter (July- Sept.)	3rd Quar- ter (Oct.- Dec.)	4th Quar- ter (Jan.- March)	
1	2	6	7	8	9	10
35-36	Manufacture of machinery and equipment other than transport equipment	186	159	149	168	165
	a) Driers	200	100	-	-	75
	b) Ovens	200	200	500	500	350
	c) Power capacitors	-	127	-	91	54
	d) Auto/electric lamps	645	427	293	302	417
	e) T.V. sets (all kinds)	194	139	153	152	159
37	Manufacture of transport equipment and parts	442	496	216	533	422
	a) Naval/exploratory vessels	200	200	-	200	150
	b) Ship building spares	248	248	247	247	247
	c) Vehicle body build- ing (all kinds)	44	39	80	528	173
	d) Auto Ancillary and parts	12523	15221	10231	15968	13486
38	Other manufacture Industries	175	209	204	363	238
	a) Industrial thermo- metre	117	163	205	191	169
	b) Projectors (all kinds)	182	214	207	387	247
	c) Polished diamonds	137	191	137	169	158
	General Index	175	224	218	255	218

VIII. MINERALS

35. QUANTITY OF MINERAL PRODUCTION DURING 1986-87 TO 1989-90

(In '000' Tonnes)

Year	Iron ore	Manga- nese Ore	Ferro Mangan- ese/Ferro- geneous Mangan- ese ore	Bauxite	Al
1	2	3	4	5	6
1986-87	12,654	4	43	15	12,7
1987-88	13,601	4	29	6	13,6
1988-89	12,557	5	15	8	12,5
1989-90	9,731	7	25	23	9,7

VIII. MINERALS

36. INDEX OF MINERAL PRODUCTION IN GOA DURING THE YEARS 1986-87 TO 1989-90 (P)

Base 1980-81=100

Sr. No.	Item of Production	Product weight	1986-87	1987-88	1988-89	1989-90
1	2	3	4	5	6	7
1.	Bauxite	0.12	30	21	53	92
2.	Iron ore	97.96	105	89	90	86
3.	Manganese ore	1.78	23	15	25	25
4.	Moulding sand	0.14	51	42	36	39
	General Index	100.00	104	87	89	85

QUANTITY OF MINERAL PRODUCTION

IN TONNES

15000

10000

5000

0

1986-87

1987-88

1988-89

1989-90

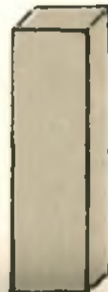
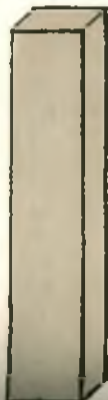
IN TONNES

15000

10000

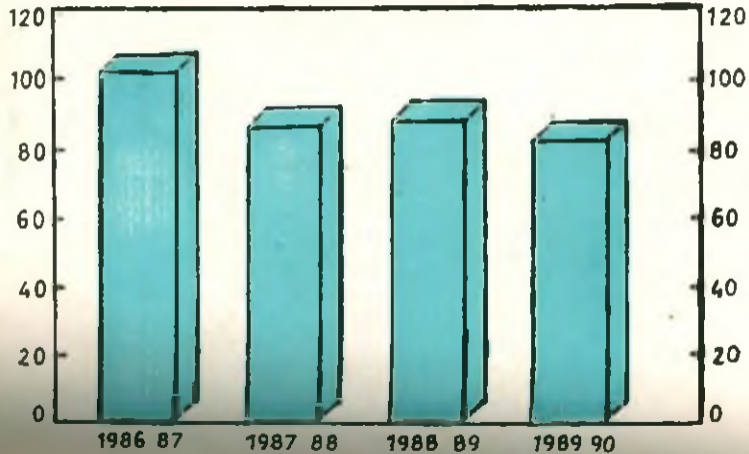
5000

0



INDEX OF MINERAL PRODUCTION IN GOA

Base 1980-81 = 100



IX. ELECTRICITY

37. ENERGY PURCHASED AND SOLD FROM 1979-80
TO 1989-90

(lakh kwh)		
Year 1	Purchased 2	Sold 3
1979-80	3,325.0	2,520.8
1980-81	3,399.2	2,824.9
1981-82	2,824.9	1,941.1
1982-83	3,111.5	2,210.0
1983-84	3,335.6	2,535.5
1984-85	3,706.7	2,910.8
1985-86	4,308.6	3,367.7
1986-87	4,886.7	3,728.0
1987-88	4,986.0	3,761.6
1988-89	5,473.6	4,082.2(R)
1989-90	5,688.3	4,253.8(R)

Note : No electricity is generated in the State. The Goa State purchases electricity from N.T.P.C. Korba and Ramagundam through Maharashtra and Karnataka grid.

IX. ELECTRICITY

39. CONTRACT DEMAND AND MAXIMUM DEMAND
RECORDED DURING 1988-89 & 1989-90

Sr. No.	Item	Unit	Quantity
1	2	3	4

1988-89

I. Contract demand :

i)	Ramagundam(110 KV) (A.P.)(NTPC)	MW °	100
ii)	Korba (220 KV) (U.P.) (NTPC)	MW	130
iii)	Maharashtra (33 KV)	MW	-
iv)	Vindychal	MW	6

II. Maximum demand recorded :

i)	Ramagundam (110 KV)	MW	-
ii)	NTPC Korba (220 KV) (U.P.)	MW	105
iii)	Maharashtra (33 KV)	MW	-
iv)	Vindychal	MW	-

1989-90

I. Contract demand :

i)	Ramagundam (110 KV)(A.P.)(NTPC)	MW	100
ii)	Korba (220 KV)(U.P.) (NTCP)	MW	140
iii)	M.S.E.B. (33 KV)	MW	0.4

II. Maximum demand recorded :

i)	Ramagundam (110 KV)	MW	44
ii)	Korba (220 KV)(U.P.) (NTCP)	MW	88
iii)	M.S.E.B. (33 KV)	MW	0.3

CONSUMPTION OF ELECTRICITY

(1989-90)

Lakh kwh.

4500

4000

3000

2000

1000

0

Lakh kwh.

4500

4000

3000

2000

1000

0

DOMESTIC

COMME-
RCIAL

INDUST-
RIAL

IRRIGA-
TION

OTHER
PURPOSES



IX. ELECTRICITY

39. ELECTRICITY CONSUMED IN GOA FOR THE YEARS
1988-89 AND 1989-90

(In lakh Kwh)

Sr. No.	Item/Year 1	Consumption of electricity		
		Goa State 2	North Goa 3	South Goa 4
1. Domestic				
	1988-89	1,046.5	596.1	450.4
	1989-90	1,135.4	694.4	441.0
2. Commercial				
	1988-89	310.7	175.2	135.5
	1989-90	336.2	204.1	132.1
3. Industrial				
	1988-89	1,903.7	1,075.4	828.3
	1989-90	2,281.9	1,217.4	1,064.5
4. Irrigation				
	1988-89	82.3	38.4	43.9
	1989-90	119.4	54.8	64.6
5. Others (Public lighting, water works, non-industrial and miscellaneous)				
	1988-89 (R)	4,131.3	2,448.5	1,682.8
	1989-90	4,301.8	2,557.3	1,744.5
Total				
	1988-89 (R)	7,474.5	4,333.6	3,140.9
	1989-90	8,174.7	4,728.0	3,446.7

X. WATER SUPPLY

40. ZONEWISE DAILY CONSUMPTION OF WATER DURING
1988-89 AND 1989-90

Sr. No.	Item	Year	Total number of metered consumers	Daily average of water consumed (m ³)		
				Individual connections	Water co-consumed by public taps	Total water consumed
1	2	3	4	5	6	7
1. Opa Network						
a)	Panaji Zone	1988-89	13,004	20,156	2,310	22,466
		1989-90	16,100	25,000	3,000	28,000
b)	Ponda Zone	1988-89	5,278	11,189	2,330	13,519
		1989-90	6,000	12,000	3,620	15,620
c)	Margao Zone	1988-89	10,250	10,950	1,250	12,200
		1989-90	10,305	11,009	1,330	12,339
d)	Vasco Zone	1988-89	5,300	30,210	2,790	33,000
		1989-90	5,462	31,133	2,000	33,133
2. Assonora Network						
a)	Mapusa Zone	1988-89	6,558	8,175	1,685	9,860
		1989-90	7,467	9,308	600	9,908
b)	Bicholim Zone	1988-89	912	1,430	325	1,755
		1989-90	1,639	2,146	900	3,046
c)	Porvorim Zone	1988-89	3,000	2,400	250	2,650
		1989-90	3,590	3,300	300	3,600
d)	Calangute Zone	1988-89	1,300	1,560	50	1,610
		1989-90	1,350	2,150	100	2,250
3.	Canacona Network	1988-89	491	161	2,260	2,421
		1989-90	652	214	3,000	3,214

X. WATER SUPPLY

40. ZONEWISE DAILY CONSUMPTION OF WATER DURING
1988-89 AND 1989-90 (Concl'd.)

Sr. No.	Item	Year	Total number of metered consumers	Daily average of consumed (m ³)		
				Individual connections	Water consumed by public taps	Total water consumed
1	2	3	4	5	6	7
4.	Valpoi Network	1988-89	633	415	500	915
		1989-90	755	431	550	981
5.	Pernem Network	1988-89	397	297	100	397
		1989-90	410	401	150	551
6.	Sanguem Network	1988-89	618	525	173	698
		1989-90	986	839	300	1,139
7.	Sanquelim Network	1988-89	1,023	2,225	950	3,175
		1989-90	1,023	1,023	950	1,973
8.	Quepem Network	1988-89	2,007	1,445	500	1,945
		1989-90	2,029	2,225	600	2,825
<u>Total for all Zones</u>						
		1988-89	50,771	91,138	15,473	1,06,611
		1989-90	57,768	1,01,179	17,400	1,18,579

XI. BANKING AND INSURANCE

41. NUMBER OF BANKING OFFICES IN GOA
AS ON 31ST MARCH

Year 1	Commercial Bank 2	Co-operative Bank 3	Total 4
1980-81	217	41	258
1981-82	217	41	258
1982-83	236	43	279
1983-84	236	43	279
1984-85	245	45	290
1985-86	248	49	297
1986-87	249	49	298
1987-88	251	49	300
1988-89	255	50	305
1989-90	255	50	305
1990-91	255	51	306

OFFICES OF SCHEDULED BANKS

IN NOS.

310
300
290
280
270
260
250

IN NOS.

310
300
290
280
270
260
250

1985-86

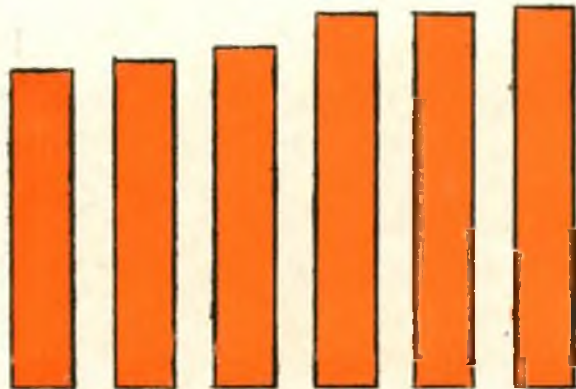
86-87

87-88

88-89

89-90

90-91



XI. BANKING AND INSURANCE

42. DEPOSITS AND CREDITS OF BANKS IN GOA
AS ON 31ST MARCH

Year 1	(Rs. in crores)	
	Deposits 2	Credits 3
1980-81	380.92	171.18
1981-82	430.29	172.38
1982-83	505.63	199.11
1983-84	596.32	232.34
1984-85	673.94	237.83
1985-86	800.92	289.11
1986-87	935.44	320.65
1987-88	1,059.91	368.10
1988-89	1,286.57	477.74
1989-90	1,527.83	522.36
1990-91	1,636.88	640.94

XI. BANKING AND INSURANCE

48. INVESTMENTS IN GOA FROM VARIOUS FINANCIAL INSTITUTIONS SINCE INCEPTION UPTO 31-3-1988

Financial Institution	Goa		India		Percentage	
	Sanc-tioned	Disbur-sed	Sanc-tioned	Disbur-sed	Sanc-tioned Col 2/4	Disbur-sed Col 3/5
1	2	3	4	5	6	7
A.1. IDBI	300.87	229.86	25984.08	19104.91	1.16	1.20
2. IFCI	22.94	14.52	4726.41	3274.04	0.49	0.44
3. ICICI	63.71	45.78	6154.59	4630.41	1.04	0.99
4. LIC	5.24	3.39	2407.51	1971.60	0.22	0.17
5. GIC	N.A	N.A	N.A	N.A	N.A	N.A
6. UTI	3.66	0.02	3229.72	2443.42	0.11	0.00
7. IRBI	2.00	1.40	695.02	492.94	0.29	0.28
8. NSIC	N.A	1.32	N.A	181.86	-	0.73
9. SIDC/ MSFC	78.08 4.82	49.72 2.67	3868.09 N.A	2655.84 N.A	2.02 -	1.87 -
AFI's	424.35	313.79	47504.65	35918.92	0.89	0.87
Per Capita (Rs.)	4243.50	3137.90	693.19	524.13	612.17	598.69
B. ASCB's Per Capita (Rs.)	N.A	352.38	N.A	75435.00	N.A	0.47
	-	3523.80	-	1100.92	-	320.07

IDBI - Industrial Development Bank of India

IFCI - Industrial Finance Corporation of India

ICICI - Industrial Credit & Investment Corporation of India Ltd.

LIC - Life Insurance Corporation of India

GIC - General Insurance Corporation of India

UTI - Unit Trust of India

IRBI - Industrial Reconstruction Bank of India

NSIC - National Small Industries Corporation Ltd.

SIDC - State Industrial Development Corporation

MSFC - Maharashtra State Finance Corporation

AFI's - All Financial Institutions

ASCB's - All Scheduled Commercial Banks

XI. BANKING AND INSURANCE

44. INVESTMENTS IN GOA FROM VARIOUS FINANCIAL INSTITUTIONS DURING THE YEAR 1987-88

Financial Institution	Goa		India		Percentage	
	Sanc-tioned	Disbur-sed	Sanc-tioned	Disbur-sed	Sanc-tioned Col 2/4	Disbur-sed Col 3/5
1	2	3	4	5	6	7
A.1. IDBI	44.83	26.74	4650.73	3442.46	0.96	0.78
2. IFCI	7.03	2.93	1046.03	644.95	0.67	0.45
3. ICICI	8.58	2.87	994.64	634.48	0.86	0.45
4. LIC	0.50	-	362.72	342.26	0.14	-
5. GIC	0.09	0.02	98.30	103.54	0.09	0.02
6. UTI	2.61	0.02	1024.83	749.10	0.25	0.00
7. IRBI	-	-	180.32	100.08	-	-
8. NSIC	N.A	N.A	N.A	N.A	-	-
9. SIDC/ MFSC	22.21 3.79	16.26 3.39	636.07 N.A	447.48 N.A	3.49 -	3.63 -
AFI's	70.01	39.36	8934.45	6600.81	0.78	0.60
Per Capita (Rs.)	700.10	393.60	130.37	96.32	537.01	408.64
B. ASCB's	N.A	352.38	N.A	75435.00	N.A	0.47
Per Capita (Rs.)	-	3523.80	-	1100.92	-	320.07

- IDBI - Industrial Development Bank of India
 IFCI - Industrial Finance Corporation of India
 ICICI - Industrial Credit & Investment Corporation of India Ltd.
 LIC - Life Insurance Corporation of India
 GIC - General Insurance Corporation of India
 UTI - Unit Trust of India
 IRBI - Industrial Reconstruction Bank of India
 NSIC - National Small Industries Corporation Ltd.
 SIDC - State Industrial Development Corporation
 MSFC - Maharashtra State Finance Corporation
 AFI's - All Financial Institutions
 ASCB's - All Scheduled Commercial Banks

XI. BANKING AND INSURANCE

45. INSURANCE BUSINESS IN GOA DURING 1989-90 AND 1990-91

Sr. No.	Type of Insurance	1989-90	1990-91 (P)
1	2	3	4
I. Life			
	a) New policies (No.)	34,802	38,351
	b) Sum assured on new policies (Rs. in lakhs)	11,918.78	13,505.26
	c) First year premium paid on new policies (Rs. in lakhs)	519.74	542.71
II. General			
1. Fire :			
	a) Policies (No.)	12,322	12,996
	b) Premium paid (Rs. in lakhs)	158.95	177.59
2. Marine (Hull and Cargo) :			
	a) Policies (No.)	3,365	3,007
	b) Premium paid (Rs. in lakhs)	239.37	248.20
3. Automobile .			
	a) Policies (No.)	60,419	61,557
	b) Premium paid (Rs. in lakhs)	383.42	464.59
4. Miscellaneous :			
	a) Policies (No.)	9,546	9,065
	b) Premium paid (Rs. in lakhs)	249.73	186.54
5. Total			
	a) Policies (No.)	85,652	86,625
	b) Premium paid (Rs. in lakhs)	1031.47	1076.92

XII. CO-OPERATION

46. NUMBER OF CO-OPERATIVE SOCIETIES, THEIR
MEMBERSHIP AND FINANCIAL POSITION DURING
THE YEARS 1988-89 AND 1989-90

Sr. No.	Item	(Amount Rs. in '000')	
		1988-89 (July to March)	1989-90 (April to March)
1	2	3	4
1.	No. of societies	736	827
2.	No. of members	2,70,886	3,11,567
3.	Share capital	1,89,236	2,32,067
4.	Working capital	17,41,065	26,72,764
5.	Deposits	10,97,654	16,09,982
6.	Loans advanced	6,42,267	8,91,988
7.	Loans outstanding	9,37,394	13,07,018
8.	Sales	4,96,271	5,92,037
9.	Profits	24,807	31,316
10.	Loss	7,156	1,165

XII. CO-OPERATION

47. FUNCTIONING OF CONSUMER STORES DURING
1989-90 (APRIL-MARCH)

(Amount Rs. in lakhs)				
Sr. No.	Item	Wholesale/ Central Stores	Primary Stores	Total
1	2	3	4	5
1.	Number of stores	1	103	104
2.	Number of members	7,414	25,549	32,963
3.	Share capital	18.39	17.67	36.06
4.	Total purchase value	187.21	830.05	1,017.26
5.	Total sales	1,252.50	1,129.44	2,381.94
6.	Societies not functioning	-	1	1
7.	Societies having profit			
	a) No.	1	59	60
	b) Amount	22.92	12.50	35.42
8.	Societies having loss			
	a) No.	-	20	20
	b) Amount	-	1.56	1.56

XII. CO-OPERATION

11. TYPE OF CO-OPERATIVE BANKS/SOCIETIES WITH MEMBERSHIP,
SHARE CAPITAL, DEPOSITS, LOANS AND WORKING CAPITAL
FOR THE YEAR ENDED 31ST MARCH, 1990

(Amount Rs. in '000')

Sr. No.	Type of Co-operative Societies/Banks	No. of societies	No. of members	Share Capital	Deposits
1	2	3	4	5	6
1.	Goa State Co-operative Bank	1	1124	20798	419866
2.	Urban Co-operative Banks	6	128959	42887	1171810
3.	Service Co-operative Societies	89	74257	12038	66
4.	Marketing Co-operative Societies	4	5362	2436	656
5.	Fisheries Co-operative Societies	13	1868	45	17
6.	Dairy Co-operative Societies	121	11198	4581	-
7.	Farming Co-operative Societies	3	193	12	1
8.	Poultry Co-operative Societies	1	108	3	-
9.	Consumers Co-operative Societies	81	32963	3606	292
10.	Urban Credit Co-op. Societies	154	40054	28603	16956
11.	Housing Co-operative Societies	295	7072	18701	-
12.	Industrial and other Co-operative Societies	55	4025	673	97
13.	Transport Co-operative Societies	2	53	78	-
14.	Processing Co-operative Societies	2	4331	97606	221
	Total	827	311567	232067	1609982

XII. CO-OPERATION

48. TYPE OF CO-OPERATIVE BANKS/SOCIETIES WITH MEMBERSHIP, SHARE CAPITAL, DEPOSITS, LOANS AND WORKING CAPITAL FOR THE YEAR ENDED 31ST MARCH, 1990 (Contd.)

Sr. No.	Type of Co-operative Societies/Banks	Loans		Working capital	Sales
		Advanced	Out-standing		
1	2	7	8	9	10
1.	Goa State Co-operative Bank	293860	286726	498171	-
2.	Urban Co-operative Banks	469496	823534	1499480	-
3.	Service Co-operative Societies	6368	16135	50916	97298
4.	Marketing Co-operative Societies	618	623	9908	101418
5.	Fisheries Co-operative Societies	-	-	121	-
6.	Dairy Co-operative Societies	-	788	36111	105091
7.	Farming Co-operative Societies	-	-	28	-
8.	Poultry Co-operative Societies	-	-	13	-
9.	Consumers Co-operative Societies	-	-	51280	238194
10.	Urban Credit Co-op. Societies	114029	132630	150790	-
11.	Housing Co-operative Societies	7592	43047	313151	-
12.	Industrial and other Co-operative Societies	25	25	9896	827
13.	Transport Co-operative Societies	-	-	114	-
14.	Processing Co-operative Societies	-	3510	52785	49209
	Total	891988	1307018	2672764	592037

XII. CO-OPERATION

48. TYPE OF CO-OPERATIVE BANKS/SOCIETIES WITH MEMBERSHIP,
SHARE CAPITAL, DEPOSITS, LOANS AND WORKING CAPITAL
FOR THE YEAR ENDED 31ST MARCH, 1990 (Concl'd.)

(Amount Rs.in '000')

Sr. No.	Type of Co-operative Societies/Banks	Profit		Loss		No. of Societies with no profit no loss
		No. of Societies	Amount	No. of Societies	Amount	
	2	11	12	13	14	15
1.	Goa State Co-operative Bank	1	6791	-	-	-
2.	Urban Co-operative Banks	6	9603	-	-	-
3.	Service Co-operative Societies	62	711	27	297	-
4.	Marketing Co-operative Societies	3	405	-	-	1
5.	Fisheries Co-operative Societies	4	29	9	10	-
6.	Dairy Co-operative Societies	118	1851	3	34	-
7.	Farming Co-operative Societies	-	-	3	11	-
8.	Poultry Co-operative Societies	1	1	-	-	-
9.	Consumers Co-operative Societies	60	3542	20	156	1
10.	Urban Credit Co-op. Societies	144	4949	5	198	5
11.	Housing Co-operative Societies	198	2463	71	104	26
12.	Industrial and other Co-operative Societies	36	645	15	224	4
13.	Transport Co-operative Societies	-	-	2	131	-
14.	Processing Co-operative Societies	2	326	-	-	-
	Total	635	31316	155	1165	37

XII. CO-OPERATION

49. FUNCTIONING OF PRIMARY AGRICULTURAL CREDIT SOCIETIES DURING 1989-90 (April-March)

(Amount Rs. in '000')				
Sr. No.	Particulars	Primary Agricultural Societies	Farmers Service Societies	Total
1	2	3	4	5
1.	Societies	86	3	89
2.	Members	58,537	15,720	74,257
3.	Paid up Capital	3,391	1,068	4,459
4.	Government	5,284	2,295	7,579
	Total	8,675	3,363	12,038
5.	Reserve and other funds	3,862	1,495	5,357
6.	Working capital	42,017	8,899	50,916
7.	Deposits	66	-	66
8.	Agricultural loan operation			
	i) Societies giving advances	56	3	59
	ii) Members to whom such advances are given	2,965	610	3,575
	iii) Amount advanced during the year	5,896	472	6,368
	iv) Villages covered	280	118	398
	Borrowing			
	i) Government	4,626	1,210	5,836
	ii) Central Finance Agencies	4,174	1,654	6,028

XII. CO-OPERATION

49. FUNCTIONING OF PRIMARY AGRICULTURAL CREDIT SOCIETIES DURING 1989-90 (APRIL-MARCH) (Concl'd.)

(Amount Rs. in '000')				
Sl. No.	Particulars	Primary Agricultural Credit Societies	Farmers Service Societies	Total
1	2	3	4	5
	iii) Others	879	-	879
	Loans outstanding	15,392	743	16,135
11.	Loans overdue	7,292	1,174	8,466
12.	Investments	3,360	1,190	4,550
13.	Sales			
	i) Agricultural requisites	3,600	5,317	8,917
	ii) Consumer goods	71,953	16,428	88,381
14.	Profit			
	i) No. of Societies	60	2	62
	ii) Amount	644	67	711
15.	Loss			
	i) No. of Societies	26	1	27
	ii) Amount	132	165	297
16.	Societies profit or loss	-	-	-

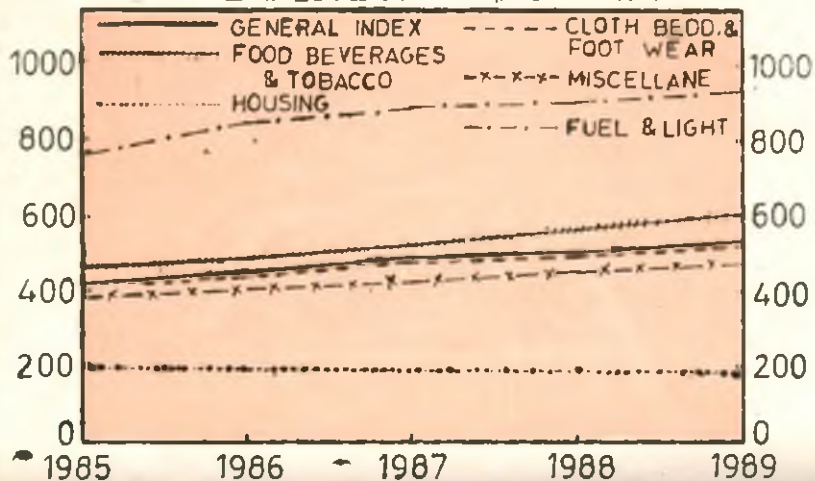
XIII. PRICES

50. CONSUMER PRICE INDEX NUMBERS FOR MIDDLE CLASS
NON-MANUAL EMPLOYEE'S FAMILIES IN PANAJI TOWN
FOR THE YEARS 1985 TO 1989

Old Base :- 1965 = 100

Year/ Month	Gen- ral index	Food bevera- ges and tobacco index	Fuel and light index	Housing Index	Clothing bedding & foot- wear index	Misce- llane- ous index
1	2	3	4	5	6	7
1985	422	457	763	192	411	388
1986	451	485	859	192	443	414
1987	480	525	891	192	472	433
1988	506	559	902	192	504	454
1989	535	603	927	192	523	467
Jan., 1989	519	580	904	192	511	461
Feb., 1989	521	584	904	192	512	461
March, 1989	525	590	925	192	512	462
April, 1989	527	593	925	192	516	462
May, 1989	531	598	925	192	516	466
June, 1989	534	602	925	192	524	468
July, 1989	538	608	925	192	527	468
August, 1989	543	617.	926	192	527	470
Sept., 1989	545	620	926	192	530	471
Oct., 1989	544	615	948	192	532	471
Nov., 1989	546	619	948	192	535	471
Dec., 1989	543	613	948	192	535	474

C.P.I. NUMBERS FOR MIDDLE CLASS NON-MANUAL EMPLOYEES - PANAJI TOWN



XIII. PRICES

51. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS
(LABOUR CLASS) IN GOA FOR THE YEARS 1985 TO 1989

Year/ Month	Old Base 1966=100		New Base 1982=100		Pan Supari, tobacco and intoxicant index	
	General index		Food index		Old base	Revised base
	Old base	Revised base	Old base	Revised base		
1	2	2(a)	3	3(a)	4	4(a)
1985	460		451		521	
1986	503		488		614	
1987	536		514		635	
1988	581		556		671	
1989	623	183	-	187	-	188
Jan. '89	609	179		185		176
Feb. '89	612	180		185		176
March '89	612	180		185		189
April '89	612	180		185		181
May '89	615	181		186		182
June '89	619	182		187		182
July '89	622	183		188		183
Aug. '89	629	185		188		189
Sept. '89	639	188		192		198
Oct. '89	636	187		190		198
Nov. '89	636	187		189		199
Dec. '89	632	186		187		199

XIII. PRICES

51. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS
(LABOUR CLASS) IN GOA FOR THE YEARS 1985 TO 1989

(Concl'd.)

Old Base 1966=100 New Base 1982=100

Year/ Month	Fuel and light index		Housing index		Clothing, bedding & footwear index		Misce- llane- ous index	
	Old base	Revi- sed base	Old base	Revi- sed base	Old base	Revi- sed base	Old base	Revi- sed base
1	5	5(a)	6	6(a)	7	7(a)	8	8(a)
1985	796		100		594		431	
1986	937		100		630		462	
1987	1,010		100		692		521	
1988	1,108		102		751		574	
1989	-	199	-	193	-	139	-	167
Jan. '89		193		192		127		158
Feb. '89		193		192		128		162
March '89		190		194		136		163
April '89		193		192		136		164
May '89		196		192		137		164
June '89		201		192		138		166
July '89		201		194		138		166
Aug. '89		202		194		144		170
Sept. '89		200		194		146		171
Oct. '89		204		194		148		172
Nov. '89		208		194		147		173
Dec. '89		208		194		147		177

XIII. PRICES

52. AVERAGE RETAIL PRICES OF SOME IMPORTANT COMMODITIES
CONSUMED BY MIDDLE CLASS PEOPLE IN PANAJI TOWN FOR
THE YEARS 1988 AND 1989

Sr. No.	Commodity	Unit	Year	
			1988	1989
1	2	3	4	5
1.	Rice raw*	Kg.	2.90	3.15
2.	Rice boiled	Kg.	4.40	4.88
3.	Wheat Khapoli/Khandwa	Kg.	4.22	4.15
4.	Turdal	Kg.	11.78	10.97
5.	Gramdal	Kg.	8.33	10.74
6.	Coconut oil	Litre	41.96	37.33
7.	Vanaspati	Kg.	28.00	28.25
8.	Beef	Kg.	10.25	12.71
9.	Goat's meat	Kg.	34.56	40.00
10.	Fresh fish	Kg.	12.49	12.25
11.	Eggs	Dozen	8.44	8.56
12.	Milk	Litre	5.45	6.25
13.	Dry chillies	Kg.	31.59	41.75
14.	Masala powder	Kg.	30.10	31.00
15.	Potato	Kg.	3.85	4.02
16.	Onion	Kg.	3.15	3.08
17.	Tomato	Kg.	5.10	5.14
18.	Cabbage	Kg.	4.50	5.28

XIII. PRICES

52. AVERAGE RETAIL PRICES OF SOME IMPORTANT COMMODITIES CONSUMED BY MIDDLE CLASS PEOPLE IN PANAJI TOWN FOR THE YEARS 1988 AND 1989 (Concl'd.)

Sr. No.	Commodity	Unit	Year	
			1988	1989
1	2	3	4	5
19.	Coconut	Each	3.63	3.81
20.	Banana	Dozen	12.00	12.00
21.	Mangoes	Per 100	+210.00	+236.44
22.	Lemon	Dozen	3.44	2.94
23.	Cashewnut	Kg.	95.00	97.46
24.	Sugar *	Kg.	5.10	5.25
25.	Gur	Kg.	5.94	6.46
26.	Cashew liquor	Bottle (750 ml)	23.00	23.00
27.	Tea leaf	Kg.	35.00	37.42
28.	Fire wood	15 Kgs.	15.00	15.54
29.	Kerosene	Litre	2.17	2.19
30.	Electricity	K.w.h.	0.55	0.55

* Controlled price

+ Average of 3 months

XIII. PRICES

53. AVERAGE WHOLESALE PRICES OF SOME IMPORTANT COMMODITIES
IN PANAJI, MARGAO AND MAPUSA TOWNS DURING THE YEAR, 1989

(In rupees)

Sr. No.	Commodity	Unit	Panaji	Margao	Mapusa
1	2	3	4	5	6
1.	Rice, raw fine	Quintal	480.25	621.04	469.30
2.	Rice, boiled coarse	"	452.92	460.68	459.58
3.	Wheat Khandwa	"	393.75	329.89	377.45
4.	Turdal	"	979.63	971.70	975.69
5.	Gramdal	"	992.40	960.23	1050.50
6.	Coconut oil	Tin of 15Kg	489.76	436.90	442.50
7.	Dry chillies (Byadgi)	Quintal	3364.58	2929.38	3686.11
8.	Salt, local	Bag of 60kg	-	26.80	-
9.	Pepper	Kg.	57.50	77.50	61.34
10.	Coconut	Per '000'	3030.31	2359.20	3002.77
11.	Banana	Per '00'	53.66	48.05	43.33
12.	Cashewnut	Dozen Pkts (400 gms each)	353.33	367.82	328.70
13.	Cashew liquor	Jar of 18 bottles	366.66	360.41	346.77
14.	Tiles	Per '000'	1842.71	2320.05	2445.55
15.	Coconut	Bag of 50Kg	74.91	72.73	72.58
16.	Firewood	Khandi	18.00*	405.73	416.25

* Price of 15 kgs.

XIII. PRICES

54. AVERAGE RETAIL PRICES OF SOME IMPORTANT COMMODITIES
CONSUMED BY THE WORKING CLASS PEOPLE IN IMPORTANT
TOWNS OF GOA DURING THE YEAR 1989

Sr. No.	Commodity	Unit	Vasco- da Gama	Margão	Curcho- rem	Ponda	Bicho- lim	Mapusa
1	2	3	4	5	6	7	8	9
1.	Rice raw	Kg.	5.88	6.26	5.17	6.04	5.99	5.13
2.	Wheat inferior	"	3.62	4.40	3.74	3.79	3.50	4.49
3.	Gram black	"	11.37	9.43	9.96	11.28	9.93	-
4.	Coconut oil	Litre	36.97	34.52	33.65	34.82	30.10	36.23
5.	Vanaspati	Kg.	25.62	26.08	26.10	26.02	26.04	26.54
6.	Beef	"	13.00	12.00	10.14	12.00	11.21	13.44
7.	Fresh fish	1/2 Kg.	4.58	5.00	8.29	11.21	5.94	-
8.	Milk (buffalo)	Litre	7.80	5.94	5.14	6.00	6.90	6.00
9.	Dry chillies	Kg.	38.40	33.90	38.85	34.10	39.00	37.22
10.	Onion	"	2.87	2.71	3.97	2.88	2.60	3.23
11.	Potato	"	3.90	3.13	3.48	3.23	3.39	3.47
12.	Leafy Vegetable	1/2Kg	2.41	2.04	3.39	1.69	2.31	2.26
13.	Coconut	Each	3.11	3.48	3.40	3.45	3.75	3.84
14.	Banana	Each	0.56	0.51	0.55	0.64	0.73	0.50
15.	Sugar *	Kg.	5.24	5.25	5.25	5.24	5.25	5.24
16.	Gur	Kg.	6.82	6.77	6.38	6.60	6.20	6.63
17.	Cashew liquor	100 ml.	4.20	3.50	3.30	3.00	3.29	-
18.	Tea leaf	Kg.	22.84	37.00	34.00	23.72	24.00	-
19.	Firewood	15 Kg.	14.74	15.35	10.00	13.50	15.00	20.32
20.	Kerosene	Litre	2.20	2.22	2.22	2.21	2.32	2.35

* Controlled price

XIV. TRANSPORT AND COMMUNICATION
56. LENGTH OF ROADS BY TYPE OF SURFACE AS ON
31ST MARCH, 1988
(In Kms.)

Categories	Total length	Surfaced roads		Unsurfaced roads		
		Water bound	Black topped	Cement concrete	Motor-able	Unmotor-able
1	2	3	4	5	6	7
1. Roads under P.W.D.	4253.00	-	2931.00	-	1322.00	-
2. Roads under Municipalities	265.25	46.58	142.13	0.33	75.79	0.42
3. Roads under Panchayats	2336.25	419.60	341.22	-	1021.90	553.53
4. Roads under Forest	239.57	-	238.52	-	0.85	0.20
TOTAL ROADS	7094.07	466.18	3652.87	0.33	2420.54	554.15

TRANSPORT AND COMMUNICATION
56. TALUKAWISE LENGTH OF ROADS UNDER VILLAGE
PANCHAYATS AS ON 31ST MARCH, 1988

Talukas	Total length	Surfaced roads		Unsurfaced roads	
		Water bound macadam	Black topped	Motor-able	Unmotor-able
1	2	3	4	5	6
GOA STATE	2336.25	419.60	341.22	1021.90	553.43
NORTH GOA	1457.30	213.00	233.18	704.37	306.65
Tiswadi	245.50	27.00	73.35	119.12	26.03
Bardez	274.25	23.50	6.93	209.41	34.41
Pernem	212.40	21.67	34.70	96.12	59.81
Bicholim	177.45	20.90	2.90	110.95	42.70
Satari	313.20	69.93	76.30	93.17	73.80
Ponda	234.50	50.00	39.00	75.60	69.90
SOUTH GOA	878.95	206.60	108.04	317.53	246.78
Sanguem	244.45	44.50	23.80	102.23	73.92
Canacona	51.50	22.00	-	18.40	11.10
Quepem	115.75	33.50	13.70	57.20	11.35
Salcete & Mormugaoj	467.25	106.60	70.54	139.70	150.41

XIV. TRANSPORT AND COMMUNICATION

57. MOTOR VEHICLES REGISTERED DURING 1989-90
AND 1990-91

(In numbers)

Sr. No.	Type of vehicles	Year	
		1989-90	1990-91
1	2	3	4
1.	Motor cycles on hire	616	224
2.	Motor cycles and scooters	9,855	9,637
3.	Private cars and jeeps	1,307	1,460
4.	Motor cabs (taxis)	255	293
5.	Goods vehicles	736	881
6.	Buses/mini buses	130	100
7.	Tractors	15	13
8.	Autorickshaws	229	185
9.	Government vehicles	130	170
	Total	13,272	12,963

XIV. TRANSPORT AND COMMUNICATION

58. MOTOR VEHICLES REGISTERED AS ON
31ST MARCH.

Sr. No.	Type of vehicles	(In numbers)	
		As on 31st March	
1	2	1989-90 3	1990-91 4
1.	Motor cycles on hire	3,477	3,701
2.	Motor cycles and scooters	79,976	89,613
3.	Private cars and jeeps	14,721	16,181
4.	Motor cabs (taxis)	2,353	2,646
5.	Goods vehicles	12,470	13,351
6.	Buses/mini buses	1,991	2,091
7.	Tractors	342	355
8.	Authorickshaws	1,207	1,392
9.	Government vehicles	1,981	2,151
	Total	1,18,518	1,31,481

XIV. TRANSPORT AND COMMUNICATION

59. MOTOR VEHICLES IN OPERATION AS ON
31ST MARCH.

(In numbers)

Sr. No.	Type of vehicles	As on 31st March	
		1990	1991
1	2	3	4
1.	Motor cycles on hire	3,465	3,688
2.	Motor cycles and scooters	79,695	89,319
3.	Private cars and jeeps	13,570	14,998
4.	Motor cabs (taxis)	2,224	2,513
5.	Goods vehicles	9,419	10,131
6.	Buses/mini buses	1,365	1,420
7.	Tractors	342	355
8.	Autorickshaws	1,266	1,390
9.	Government vehicles	1,981	2,151
	Total	1,13,270	1,25,965

IV. TRANSPORT & COMMUNICATION

60. DISTANCE FROM PANAJI TOWN TO OTHER TOWNS
BY ROAD

Name of the town 1	Route 2	Kms 3	Miles* 4
Margão	Via Ponda	45.0	28.0
Margão	Via Agaçaim-Cortalim	33.4	20.8
Vasco da Gama	Via Agaçaim-Cortalim	29.3	18.2
Ponda	Via Ribandar-Old Goa	28.8	17.9
Quepem	Via Ponda-Sanvordem	60.3	37.5
Quepem	Via Agaçaim-Cortalim-Margão	48.2	30.0
Sanguem	Via Ponda Sanvordem	60.0	37.3
Sanguem	Via Agaçaim-Cortalim-Margão	62.3	38.7
Chauri (Canacona)	Via Ponda-Margão	81.4	50.6
Chauri (Canacona)	Via Agaçaim-Cortalim-Margão	69.8	43.4
Valpoi	Via Ponda-Usgão	69.0	42.9
Valpoi	Via Betim-Bicholim- Anquelim	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

* 1 Kilometre = 0.62137 mile.

XIV. TRANSPORT AND COMMUNICATION

61. DETAILS OF NAVIGABILITY OF INLAND WATERWAYS OF GOA RIVERS

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 distance from main river (in kms)	Upto	Approx. distance from mouth of river or that its tributary distance from main river (in Kms)	
1	2	3	4	5
Tiracol river	Bandem (Sawant-wadi)	27	Torxem	23
Chapora river	Ibrahimpur	32	Salem	15 (Upto Colvale bridge)
Mandovi river	Zaranim via Goa branch to S. of Isle of Divar	66	Gangem via Goa branch to S. of Isle of Divar	48
Narao 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)	Pilliem	13 (Upto join with main river at Vagurbem)

XIV. TRANSPORT AND COMMUNICATION

61. 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 distance from main river (in Kms)	Upto	Approx. distance from mouth of river or that its tributary distance from main river (in Kms)
1	2	3	4	5
Mandovi tributaries Nerul river		8	Orda	5
Mapusa river	Guirim	29	Mapusa	27
Corjuem canal (branch of Mapusa river)	Sircaim	8 (Upto join with Mapusa river at Sircaim)	Sirigão	6 (upto join with Mapusa river at Sircaim)
Bicholim river	Curcho-rem	15	Bicholim	8
Sanquelim river	Gontell	18	Sanquelim	8
Zuari river	Bombad	68	Sanguem	58
Southern branch	Solauli	10 (upto join at Sanguem)	Nil	

XIV. TRANSPORT AND COMMUNICATION

61. DETAILS OF NAVIGABILITY OF INLAND WATERWAYS OF GOA RIVER (Concl'd.)

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 distance from main river (kms)	Upto	Approx. distance from mouth of river or that its tributary distance from main river (in kms)
1	2	3	4	5
Zuari tributaries :				
Paroda river	Chandor Railway Bridge	3 (upto join with main river at Pongeovadi)	Nil	-
Cumbarjua canal : (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	-
Total navigability		353		239

XIV. TRANSPORT & COMMUNICATION

62. MAIN WATERWAYS & TOTAL NUMBER OF PASSENGERS FERRIED DURING 1989-90 AND 1990-91

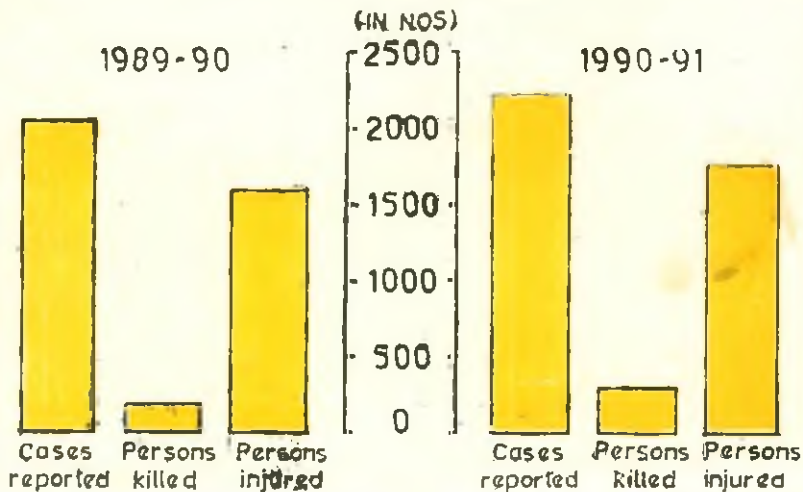
Sr. No.	River/Station	Passengers ferried during 1989-90	1990-91
1	2	3	4
Mandovi			
1.	Cais-de-Gujires/Betim	94,90,000	95,26,500
2.	Panaji (Patto)/Malim	3,79,60,000	3,80,33,000
3.	Old Goa-Vanxiem	20,714	22,832
4.	Ribandar-Chorao	6,42,282	7,38,265
5.	Old Goa-Piedade	4,97,763	5,02,298
6.	Sarmanas-Tonca	3,05,347	3,10,183
7.	Amona-Candola	2,14,189	3,11,436
8.	Pomburpa-Chorao	1,31,839	1,39,240
9.	Calvim-Carona	85,897	1,04,199
10.	Aldona-Corjuem	3,11,947	2,97,356
11.	Narao-Divar	64,464	71,463
12.	Volvoi-Surla-Maina	-	437*
	Total	4,97,24,442	5,00,57,209
Zuari			
1.	Cortalim-Marcaim	90,856	1,04,047
2.	Durbate-Racaim	1,04,659 *	1,13,561
3.	Dona Paula-Mormugao	11,906 **	33,682
	Total	2,07,421	2,51,290
Chapora			
1.	Siolim-Chopdem	14,66,351	14,24,743
Tiracol			
1.	Keri-Tiracol	85,244	71,845
2.	Kiranpani-Arronda	2,40,214	2,11,437
	Total	3,25,458	2,83,282
Sal			
1.	Cavelosim-Assolna	1,33,898	1,80,387
	Grand Total	5,18,57,570	5,21,96,911

* Service introduce w.e.f. 30.3.91

** Service introduce w.e.f. 23.5.89

** Service commence w.e.f. 1.11.89

ROAD TRAFFIC ACCIDENTS



XIV. TRANSPORT AND COMMUNICATION

63. ROAD TRAFFIC ACCIDENTS DURING THE YEARS
1989-90 AND 1990-91

No.	Year/Item	North Goa 3	South Goa 4	Goa State 5
1989-90				
1.	Cases reported	1,034	1,044	2,078
2.	Persons killed	101	71	172
3.	Persons injured	729	860	1,589
4.	Vehicles involved	1,415	1,301	2,716
1990-91				
1.	Cases reported	1,081	1,124	2,205
2.	Persons killed	86	95	181
3.	Person injured	687	1,066	1,753
4.	Vehicles involved	1,635	1,525	3,160

XIV. TRANSPORT AND COMMUNICATION

64. NUMBER OF POST OFFICES, TELEGRAPH OFFICES,
TELEPHONE EXCHANGES, ETC. AS ON 31ST MARCH,
1990

Sr. No.	Item	Goa State	North Goa	South Goa
1	2	3	4	5
1.	Post offices	236	145	91
	Urban	56	32	24
	Rural	180	113	67
2.	Letter boxes	763	503	260
3.	Telegraph offices	71	40	31
4.	Exchanges	47	29	18
	Telephones	44	28	16
	Telex	3	1	2
5.	Telephones	17,147	9,707	7,440
6.	Public call offices	115	70	45

XV. POLICE, CRIMES AND PRISONS

65. NUMBER OF POLICE STATIONS WITH STAFF STRENGTH AND
CRIMES REPORTED DURING THE YEARS 1988-89, 1989-90
AND 1990-91

Sr. No.	Item	Year		
		1988-89	1989-90	1990-91
	2	3	4	5
	Police Stations	23	23	23
	Outposts	29	30	39
	Existing strength of staff including officers	2,915	2,925	2,925(P)
	Cognizable crimes reported during the year	4,229	4,020	3,765
	i) Rioting	261	268	138
	ii) Murder	21	27	27
	iii) Kidnapping & abducting	27	33	23
	iv) Dacoity	3	7	1
	v) Robbery	30	21	15
	vi) House breaking	593	497	542
	vii) Cheating	37	68	76
	viii) Breach of trust	62	57	89
	ix) Thefts	1,278	1,050	1,096
	x) Other crimes	1,917	1,992	1,758

XV. POLICE, CRIMES AND PRISONS

66. NUMBER OF PRISONS AND PRISONERS IN JAILS
DURING THE YEAR 1989-90

Sr. No.	Item	Judi- cial Lock- up Panaji 3	Judi- cial Lock- up Margão 4	Judi- cial Lock- up Mapusa 5	Sub- jail Reis Magos 6	Cen- tral Jail Aguada 7	Total 8
1.	Places of confinement	1	1	1	1	1	5
2.	Prisoners at the begining of the year	16	35	18	39	95	203
3.	New prisoners during the year	250	422	314	109	129	1,224
4.	Total (2+3)	266	457	332	148	224	1,427
5.	Number of prisoners discharged	250	422	310	119	135	1,236
6.	Balance at the end of the year (4 - 5)	16	35	22	29	89	191

XVI. TOURISM

67. TALUKAWISE NUMBER OF BOARDING AND LODGING HOUSES
AND TOTAL BED CAPACITY DURING 1988-89 AND
1989-90

Sr. No.	State/District/ Taluka	1988-89		1989-90	
		Hotels	Beds	Hotels	Beds
1	2	3	4	5	6
1.	GOA STATE	278	11,586	310	11,500
2.	NORTH GOA	193	8,002	217	7,787
	Tiswadi	113	4,195	124	4,061
	Bardez	64	2,663	75	2,591
	Pernem	2	38	2	43
	Bicholim	1	27	1	48
	Satari	-	-	-	-
	Ponda	13	1,079	15	1,044
3.	SOUTH GOA	85	3,584	93	3,713
	Sanguem	1	29	1	28
	Canacona	-	-	-	-
	Quepem	2	302	2	300
	Salcete	56	2,089	62	2,275
	Mormugão	26	1,164	28	1,110

XVI. TOURISM

68. TALUKAWISE ARRIVAL OF DOMESTIC TOURISTS DURING
1989-90 AND 1990-91

State/District/Taluka	Number of Domestic Tourists	
	1989-90	1990-91
1	2	3
GOA STATE	7,82,033	7,49,667
NORTH GOA	5,31,426	5,07,188
Tiswadi	3,83,188	3,74,989
Bardez	99,192	94,508
Pernem	3,559	2,444
Bicholim	3,290	2,095
Satari	-	-
Ponda	42,197	33,152
SOUTH GOA	2,50,607	2,42,479
Sanguem	4,959	3,508
Canacona	-	628
Quepem	3,474	1,244
Salcete	1,55,927	1,50,043
Mormugao	86,247	87,056

XVI. TOURISM

69. TALUKAWISE ARRIVAL OF FOREIGN TOURISTS DURING
1989-90 AND 1990-91

State/District/Taluka	Number of foreign tourists	
	1989-90	1990-91
1	2	3
GOA STATE	97,656	91,982
NORTH GOA	65,615	50,034
Tiswadi	36,864	24,675
Bardez	28,484	25,034
Pernem	94	225
Bicholim	43	47
Satarf	-	-
Ponda	130	53
SOUTH GOA	32,041	41,948
Sanguem	121	159
Canacona	-	20
Quepem	-	-
Salcete	23,656	33,365
Mormugao	8,264	8,404

XVII. FOREIGN TRADE

70. DISTRIBUTION OF COMMODITYWISE TRAFFIC THROUGH MORMUGÃO PORT BY NUMBER OF SHIPS AND THEIR NET REGISTERED TONNAGE

Sr. No.	Commodity	(N.R.T. in '000' tonnes)			
		1988-89		1989-90	
		No. of ships	N.R.T.	No. of ships	N.R.T.
1	2	3	4	5	6
1.	Iron ore	218	4,760	168	4,120
2.	Other ores	9	99	9	111
3.	Liquid cargo	198	1,622	190	1,696
4.	Oil cakes	1	4	3	12
5.	Fertilizers	6	76	14	124
6.	Calcined alumina	13	60	10	89
7.	Food grains (Rice)	5	32	1	6
8.	Wooden logs	6	22	3	13
9.	Others	24	116	13	95
10.	Vessels not handled any cargo	20	149	32	234
	Total	500	6,940	443	6,500

XVII. FOREIGN TRADE

a). TRAFFIC HANDLED BY INDIAN AND FOREIGN SHIPS THROUGH
NORMUGAO PORT DURING 1988-89

Sr. No.	Item	(In '000' tonnes)		
		Traffic by		
		Indian ships	Foreign ships	Total
1	2	3	4	5
I. Exports				
a)	Ores and allied products	565	12,941	13,506
b)	General cargo	40	40	80
	Total Exports	605	12,981	13,586
II. Imports				
a)	Liquid cargo	88	465	553
b)	Fertilizers	77	50	127
c)	Others	3	118	121
	Total Imports	168	633	801
	Total Exports and Imports	773	13,614	14,387

XVII. FOREIGN TRADE

71b) TRAFFIC HANDLED BY INDIAN AND FOREIGN SHIPS THROUGH MORMUGAO PORT DURING 1989-90

Sr. No.	Item	(In '000' tonnes)		
		Traffic by		Total
1	2	Indian ships 3	Foreign ships 4	5
I. Exports				
	a) Dyes and allied products	653	11,901	12,554
	b) General cargo	26	84	110
	Total Exports	679	11,985	12,664
Imports				
	a) Liquid cargo	212	421	633
	b) Fertilizers	72	173	245
	c) Others	-	46	46
	Total Imports	284	640	924
	Total Exports and Imports	963	12,625	13,588

XVII. FOREIGN TRADE

72 a). MONTHLY IMPORTS HANDLED AT MORMUGÃO PORT
DURING 1988-89

(In '000' tonnes)

Month 1	Imports			Total 5
	Liquid cargo 2	Ferti- lizer 3	Other 4	
April '88	95	-	1	96
May '88	88	2	4	94
June '88	71	18	-	89
July '88	93	6	9	108
August '88	74	-	18	92
September '88	91	13	20	124
October '88	93	15	22	130
November '88	66	8	35	109
December '88	135	27	4	166
January '89	73	36	-	109
February '89	111	2	8	121
March '89	55	-	-	55
Total	1,045	127	121	1,293

XVII. FOREIGN TRADE

72 b). MONTHLY IMPORTS HANDLED AT MORMUGÃO PORT
DURING 1989-90

Month	(In '000' tonnes)			
	Liquid cargo *	Ferti- lizer	Other	Total
1	2	3	4	5
April '89	115	-	17	132
May '89	47	24	1	72
June '89	100	17	-	117
July '89	83	29	-	112
August '89	64	30	7	101
September '89	102	38	-	140
October '89	117	27	12	156
November '89	106	27	3	136
December '89	140	25	-	165
January '90	127	15	6	148
February '90	75	11	-	86
March '90	116	2	-	118
Total	1,192	245	46	1,483

* Includes transshipment of liquid cargo.

XVII FOREIGN TRADE

73 a) MONTHLY EXPORTS TRAFFIC HANDLED AT MORMUGAO PORT
DURING 1988-89

Month	(In '000' tonnes)		
	Export		
	Ores and allied product	General cargo	Total
1	2	3	4
April '88	1,706	-	1,706
May '88	1,358	12	1,370
June '88	392	8	400
July '88	205	10	215
August '88	79	12	91
September '88	175	8	183
October '88	1,292	4	1,296
November '88	1,584	4	1,588
December '88	1,506	10	1,516
January '89	1,553	-	1,553
February '89	1,832	2	1,834
March '89	1,844	10	1,854
Total	13,526	80	13,606

XVII. FOREIGN TRADE

73b) MONTHLY EXPORTS TRAFFIC HANDLED AT MORMUGAO PORT
DURING 1989-90

Month	(In '000' tonnes)		
	Ores and allied products	General cargo	Total
1	2	3	4
April '89	1,040	3	1,043
May '89	1,635	6	1,641
June '89	318	2	320
July '89	194	8	202
August '89	-	8	8
September '89	340	13	353
October '89	1,069	13	1,082
November '89	1,586	15	1,601
December '89	1,652	10	1,662
January '90	1,835	9	1,844
February '90	1,029	9	1,038
March '90	1,877	14	1,891
Total	12,575	110	12,685

XVII. FOREIGN TRADE

74. COMMODITYWISE QUANTITY EXPORTED AND IMPORTED THROUGH
MORMUGAO PORT DURING 1988-89 AND 1989-90

(In metric tonnes)

Sr. No.	Commodity	1988-89	1989-90
1	2	3	4
I. EXPORTS			
1.	Iron ore	1,33,72,595*	1,24,13,069
2.	Ferruginous man-		
3.	ganese ore	98,405	46,177
4.	Manganese ore	54,852	1,15,737
5.	Oil cake	2,003	3,625
6.	Calcined alumina	76,773	61,969
7.	Molasses	-	43,663
8.	Reefer Cargo	885	514
	Others	102	539
	TOTAL EXPORTS	1,36,05,615	1,26,85,293
II. IMPORTS			
9.	Liquid cargo :		
	a) Chemicals	2,20,415	1,43,150
	b) Caustic soda	14,896	3,455
	c) Mono ethylene glycol	4,582	2,206
	d) Others	8,05,215	8,11,726
	Total (a to d)	10,45,108	9,60,537
10.	Fertilizers	1,27,351	2,44,897
11.	Foodgrains	69,894	12,418
12.	Wooden logs	43,763	17,520
13.	Waste paper bales	4,738	1,004
14.	Coke & coal	-	14,947
15.	Others	2,233	226
16.	TOTAL IMPORTS	12,93,087	12,51,549
17.	TOTAL EXPORTS AND IMPORTS	1,48,98,702	1,39,36,842
18.	Transshipment of liquid cargo	4,89,945	2,31,088
19.	TOTAL TRAFFIC (17+18)	1,53,88,647	1,41,67,930

*Includes 17,400 M/T of Iron Ore Pellets.

XVII. FOREIGN TRADE

75. FOREIGN TRADE IMPORTS THROUGH MORMUGAO PORT BY PRINCIPAL COUNTRIES DURING 1988-89 AND 1989-90

Sr. No.	Principal country	(Qty. in metric tonnes)	
		Quantity imported	
1	2	1988-89	1989-90
		3	4
1.	Bahrain	75,905	24,933
2.	Brazil	18,388	-
3.	Burma	3,120	-
4.	Holland	22,000	-
5.	Japan	121	193
6.	Jordan	52,471	69,450
7.	Kuwait	59,741	1,38,889
8.	Liberia	4,081	-
9.	Malaysia	18,174	6,211
10.	Morocco	24,725	67,718
11.	Romania	1,858	-
12.	Saudi Arabia	79,830	14,602
13.	Senegal	72,682	11,021
14.	Spain	16,895	-
15.	Thailand	33,305	-
16.	Tunisia	20,254	-
17.	U.A.E.	26	3,076
18.	U.S.S.R.	1,10,994	67,047
19.	U.S.A.	1,27,186	1,67,549
20.	West Germany	52,880	14,500
21.	Yemen	6,520	-
22.	Australia	-	7,855
23.	New Zealand	-	7,092
24.	Canada	-	57,466
25.	Vietnam	-	18,000
26.	Singapore	-	7,962
27.	Dubai	-	9,280
28.	Coastal	-	5,58,705
	Total	8,01,156	12,51,549

XVII. FOREIGN TRADE

76. FOREIGN TRADE EXPORTS THROUGH MORMUGAO PORT BY
PRINCIPAL COUNTRIES DURING 1988-89 AND 1989-90

Sr. No.	Principal country	(Qty. in metric tonnes)	
		Quantity 1988-89	Exported 1989-90
1	2	3	4
1.	Belgium	2,64,852	5,53,581
2.	France	36,882	-
3.	Hungary	15,719	-
4.	Iraq	10,297	23,386
5.	Italy	11,50,781	9,59,396
6.	Japan	82,31,256	81,31,094
7.	North Korea	2,83,267	1,31,028
8.	Kuwait	20,627	-
9.	Pakistan	3,05,950	3,19,926
10.	Poland	2,003	-
11.	Romania	18,41,256	11,36,210
12.	Singapore	284	61
13.	Spain	16,500	13,688
14.	U.A.E.	23,500	74,452
15.	U.S.S.R.	66,476	62,180
16.	Yugoslavia	36,000	-
17.	South Korea	10,46,387	5,07,257
18.	Abu Dhabi	21,032	20,993
19.	Holland	2,12,764	6,85,723
20.	Taiwan	-	36,350
21.	West Germany	-	1,966
22.	Oman	-	214
23.	U.K.	-	6,383
24.	Afganistan	-	328
25.	Coastal	-	21,077
	Total	1,35,85,833	1,26,85,293

XVIII. PUBLIC FINANCE

77. BUDGET AT A GLANCE - 1990-91

Sr. No.	Item	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
I. REVENUE ACCOUNT				
	1. Tax Revenue and Non Tax Revenue (excluding grants-in-aid)	12180.50	13394.60	14915.91
	2. Grants-in-aid and contributions	8902.85	8100.64	12085.83
	3. Total Revenue Receipts	21083.35	21495.24	27001.74
	4. Expenditure on Revenue Account	19878.58	25189.59	29483.27
	5. Surplus(+) or deficit (-)	(+)1204.77	(-)3694.35	(-)2481.53
II. Capital Account				
	1. Loans and Advances	160.52	191.05	206.38
	2. Internal Debt of the State Government	907.55	1721.00	1720.00
	3. Loans and Advances from Central Government	8127.39	10687.82	9978.00
	4. Other receipts(Net)* (-)	1796.23	1661.00	2307.92
	5. Total Capital Receipts	7399.23	14260.87	14212.30
	6. Expenditure on Capital Account	8523.60	13524.77	15053.96
	7. Surplus(+) or deficit (-)	(-)1124.37	(+)736.10	(-)811.66
III. OVERALL BUDGETARY POSITION				
	1. Total receipts on Revenue and capital account	28482.58	112522.19	118112.20
	2. Total Expenditure met from Revenue and Capital Account	28402.18	115480.44	121969.72
	3. Surplus(+) or deficit (-)	(+)80.40	(-)2958.25	(-)3323.19

* It comprise appropriation to the contingency fund (Net), and public account (Net).

XVIII. PUBLIC FINANCE

78. DETAILS OF RECEIPTS UNDER REVENUE ACCOUNT,
1988-89 TO 1990-91

Sr. No.	Receipts	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
I. TAX REVENUE				
	Taxes on income other than Corporation Tax	676.00	336.00	466.00
	Land Revenue	43.58	52.37	53.75
	Stamps and Registration fees	326.57	331.19	350.00
	Estate Duty	6.76	-	-
	State Excise	735.33	816.24	897.80
	Sales Tax	4213.51	4550.00	5120.62
	Taxes on Vehicles	561.01	470.20	620.20
	Taxes on goods & passengers	129.43	188.00	190.00
	Taxes and Duties on Electricity	0.08	-	-
	Other taxes & duties on commodities and services	157.21	190.00	242.00
	Total : Tax Revenue	6849.48	6934.00	7940.37
II. NON-TAX REVENUE				
	Interest Receipts	339.20	360.00	400.00
	Dividends and Profits	9.89	10.56	10.96
	Public Service Commission	-	0.03	0.04
	Police	9.68	2.00	2.03
	Jails	0.94	1.05	1.05
	Supplies and disposals	-	0.02	0.02
	Stationery and Printing	3.76	4.00	4.00
	Public Works	50.07	61.93	53.20

XVIII. PUBLIC FINANCE

78. DETAILS OF RECEIPTS UNDER REVENUE ACCOUNT,
1988-89 TO 1990-91 (Contd.)

Sr. No.	Receipts	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
	Other Administrative Service	51.52	46.47	45.22
	Contribution & Recoveries towards pension and other retirement benefits	98.30	350.18	35.18
	Miscellaneous general services	(-)1.13	0.05	112.05
	Education, Sports, Art and Culture	15.51	16.72	17.01
	Medical and Public Health	58.32	45.98	48.58
	Family Welfare	0.09	0.10	0.10
	Water Supply and Sanitation	316.20	353.70	372.09
	Housing	16.35	17.14	18.14
	Information & Publicity	0.32	0.90	0.30
	Labour & Employment	5.57	5.76	6.02
	Special Security & Welfare	1.94	3.20	2.00
	Crop Husbandry	36.78	42.46	42.46
	Animal Husbandry	8.79	10.30	10.46
	Dairy Development	0.18	9.25	0.22
	Fisheries	11.92	13.70	56.76
	Forestry & Wild life	81.65	69.65	72.51
	Co-operation	6.02	6.30	6.40
	Other Agricultural Programme	4.39	1.50	1.50
	Other Rural Development Programme	0.48	0.65	0.81
	Major & Medium Irrigation	7.22	15.20	6.11
	Minor Irrigation	4.55	4.30	4.80
	Power	3637.08	4401.00	5000.00
	Village & Small Industries	4.75	5.02	5.51

XVIII. PUBLIC FINANCE

78. DETAILS OF RECEIPTS UNDER REVENUE ACCOUNT,
1988-89 TO 1990-91(Concl'd.)

Receipts	(Rs. in lakhs)		
	1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
2	3	4	5
Industries	0.02	0.15	0.15
Non Ferrous Mining & Metal- lurgical Industries	249.78	253.00	253.00
Ports & light houses	42.18	42.57	42.57
Roads & Bridges	167.91	208.41	244.84
Inland Water Transport	74.05	86.04	97.04
Tourism	11.94	6.50	7.50
Other General Economic Services	4.80	4.81	4.91
Total Non-Tax Revenue	5331.02	6460.60	6975.54
GRANTS-IN-AID AND CONTRIBUTION			
Grants-in-aid from Central Government	5925.85	5831.64	7228.83
State Share of Union Excise Duties	2977.00	2269.00	4857.00
Total Grants-in-aid and contribution	8902.85	8100.64	12085.83
Total Revenue (I+II+III)	21083.35	21495.24	27001.74

XVIII. PUBLIC FINANCE

79. DETAILS OF EXPENDITURE UNDER REVENUE ACCOUNT
1988-89 TO 1990-91

Sr. No.	Disbursement	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
I.	NON DEVELOPMENT EXPENDITURE	4267.67	7754.98	10279.00
A.	GENERAL SERVICES	4267.67	7754.98	9918.00
	Parliament/State/Union Territory Legislatures	37.90	42.00	47.00
	President, Vice-President/Governor Administrator of Union Territories	32.71	38.30	35.00
	Council of Ministers	34.57	45.93	33.00
	Administration of Justice	91.22	134.94	123.00
	Elections	16.45	75.32	30.00
	Land Revenue	84.05	96.80	101.00
	Stamps and Registration fees	27.62	34.00	36.00
	State Excise	52.58	57.50	72.00
	Sales Tax	43.38	52.40	61.00
	Taxes on Vehicles	20.77	22.50	27.00
	Other Taxes and Duties on Commodities and Services	6.42	8.05	13.00
	Other Fiscal Services	0.77	2.42	4.00
	Interest payments	1564.77	4431.00	5946.00
	Public Service Commission	12.58	20.00	19.00
	Secretariat General Services	127.56	125.46	153.00
	District Administration	144.87	168.52	192.00
	Treasury & Account Admn.	102.20	117.10	137.00
	Police	736.25	853.86	1010.00
	Jails	36.68	40.48	43.00
	Supplies and Disposal	-	-	5.00
	Stationery and Printing	69.14	118.22	101.00
	Public Works	367.55	484.50	519.00

XVIII. PUBLIC FINANCE

79. DETAILS OF EXPENDITURE UNDER REVENUE ACCOUNT
1988-89 TO 1990-91 (Contd.)

Sr. No.	Disbursement	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
	Other Administrative Services	101.33	132.13	151.00
	Pension and other Retirement Benefits	556.28	649.70	685.00
	Miscellaneous General Services	0.02	3.85	375.00
II.	DEVELOPMENT EXPENDITURE	15610.91	17434.61	19565.27
B.	SOCIAL SERVICES	8934.15	10260.56	11563.53
	General Education	4394.02	5267.83	6045.99
	Technical Education	234.64	284.28	379.00
	Sports and Youth Services	811.17	454.40	224.05
	Art and Culture	147.38	221.69	290.99
	Medical and Public Health	1656.76	2025.81	2232.00
	Family Welfare	65.34	80.00	105.00
	Water Supply and Sanitation	749.35	843.00	1016.00
	Housing	62.00	72.00	75.00
	Urban Development	226.94	256.50	283.00
	Information and Publicity	73.18	102.55	83.00
	Welfare of Scheduled Castes, Scheduled Tribes and other Backward Classes	14.93	21.73	46.50
	Labour and Employment	228.93	284.67	362.80
	Social Security and Welfare	181.44	233.33	336.20
	Nutrition	75.73	74.00	43.00
	Relief on Account of Natural Calamities	1.72	25.00	25.00
	Secretariat Social Services	10.62	13.77	16.00

XVIII. PUBLIC FINANCE

79. DETAILS OF EXPENDITURE UNDER REVENUE ACCOUNT
1988-89 TO 1990-91 (Contd.)

(Rs. in lakhs)

Sr. No.	Disbursement	1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
C. ECONOMIC SERVICES		6676.76	7174.05	8001.74
Crop Husbandry		298.84	349.05	428.58
Soil and Water Conservation		27.31	24.00	29.00
Animal Husbandry		234.03	257.13	293.58
Dairy Development		32.02	13.80	29.90
Fisheries		90.73	119.03	170.98
Forestry and Wild life		170.02	174.77	197.90
Food Storage and Ware housing		11.88	13.40	15.00
Agricultural Research and Education		29.27	37.25	45.00
Co-operation		62.78	65.87	76.00
Other Agricultural Programme		13.93	11.04	14.00
Rural Employment		219.14	144.04	133.50
Other Rural Development Programme		194.27	228.42	256.00
Hill Areas		101.23	88.18	99.00
Major and Medium Irrigation		145.05	174.54	210.00
Minor Irrigation		110.39	129.74	153.00
Command Area Development		152.26	124.37	89.00
Flood Control and Drainage		2.08	4.00	4.00
Power		3643.62	4079.30	4359.00
Non Conventional Sources of Energy		11.44	13.74	10.00
Village & Small Industries		105.89	84.07	115.80
Industries		16.16	22.60	24.00
Non-Ferrous Mining and Metallurgical Industries		19.46	21.30	23.70

XVIII. PUBLIC FINANCE

79. DETAILS OF EXPENDITURE UNDER REVENUE ACCOUNT
1988-89 TO 1990-91 (Concl'd.)

Sr. No.	Disbursement	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
	2	3	4	5
	Ports and Light Houses	51.29	59.00	145.50
	Roads and Bridges	289.76	374.72	433.00
	Transport	22.40	29.70	27.00
	Inland Water Transport	175.32	212.00	254.00
	Telecommunication Services	204.99	25.00	-
	Secretariat Economic Services	73.43	91.70	130.00
	Tourism	81.78	90.23	91.00
	Census Surveys and Statistics	59.94	78.40	99.30
	Civil Supplies	15.00	19.70	28.00
	Other General Economic Services	11.05	13.96	17.00
	GRAND TOTAL (I + II)	19878.58	25189.59	29483.27

XVIII. PUBLIC FINANCE

80. DETAILS OF RECEIPTS UNDER CAPITAL ACCOUNT
1988-89 TO 1990-91

Sr. No.	Receipts	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
1.	Internal Debt of State Government	907.55	1721.00	1720.00
2.	Loans & Advances from Central Government	8127.39	10687.82	9978.00
3.	Loans and Advances	160.52	191.05	206.38
4.	Other Receipts	* (-) 1796.23	1661.00	2307.92
	Total Receipts	7399.23	14260.87	14212.30

* It comprises appropriation to the contingency fund (Net) and public account (Net).

XVIII. PUBLIC FINANCE

81. DETAILS OF EXPENDITURE UNDER CAPITAL ACCOUNT
1988-89 TO 1990-91

No.	Disbursement	(Rs. in lakhs)		
		1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
1.	DEVELOPMENT EXPENDITURE	6964.98	8099.31	9262.66
1.	Capital outlay on Education, Sports, Art and Culture	465.21	526.24	573.46
2.	Capital outlay on Medical and Public Health	449.64	561.66	759.00
3.	Capital outlay on Social Service & Welfare	-	-	13.00
4.	Capital outlay on water Supply and Sanitation	1285.71	1554.80	1285.00
5.	Capital outlay on Housing	64.99	76.00	79.00
6.	Capital outlay on Crop Husbandry	60.78	39.00	45.00
7.	Capital outlay on other Social Services	-	-	15.00
8.	Capital outlay on Soil and Water Conservation	160.66	204.00	326.00
9.	Capital outlay on Animal Husbandry	19.27	20.00	25.00
10.	Capital outlay on Dairy Development	0.69	0.10	0.10
11.	Capital outlay on Fisheries	56.27	88.00	73.00
12.	Capital outlay on Forestry and Wild Life	15.83	19.49	19.10
13.	Capital outlay on Planta- tions	52.10	75.25	52.00
14.	Capital outlay on Food, Storage and Warehousing	276.45	73.00	(-)56.00

XVIII. PUBLIC FINANCE

81. DETAILS OF EXPENDITURE UNDER CAPITAL ACCOUNT
1988-89 TO 1990-91(Contd.)

		(Rs. in laksh)		
Sr. No.	Disbursement	1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
1	2	3	4	5
15.	Capital outlay on Agri-cultural Research and Education	2.22	10.80	15.00
16.	Capital outlay on Co-operation	80.62	81.00	95.00
17.	Capital outlay on other Rural Development Programmes	-	50.00	50.00
18.	Capital outlay on Hill Areas	25.77	57.82	51.00
19.	Capital outlay on Major and Medium Irrigation	1598.47	1707.20	2362.00
20.	Capital outlay on Command Area Development	69.06	84.00	158.00
21.	Capital outlay on Flood Control Projects	6.04	13.00	29.00
22.	Capital outlay on Power Projects	704.48	746.40	698.00
23.	Capital outlay on Village and Small-Industries	23.73	142.57	152.50
24.	Other Capital outlay on Industries and Minerals	419.50	464.00	619.00
25.	Capital outlay on Ports and Light houses	6.59	8.00	10.00
26.	Capital outlay on Roads and Bridges	791.05	1164.43	1345.00

XVIII. PUBLIC FINANCE

81. DETAILS OF EXPENDITURE UNDER CAPITAL ACCOUNT
1988-89 TO 1990-91 (Concl'd.)

Disbursement	(Rs. in lakhs)		
	1988-89 (Actuals)	1989-90 (Revised Estimates)	1990-91 (Budget Estimates)
2	3	4	5
Capital outlay on Road Transport	62.73	85.00	105.00
Capital outlay Inland Water Transport	127.63	106.55	198.50
Capital outlay on Tourism	139.49	141.00	166.00
NON-DEVELOPMENT EXPENDITURE	1558.62	5425.46	5791.30
Capital outlay on General Services	308.94	476.16	202.00
Internal Debt of the State Government	-	400.00	400.00
Loans and Advances from Central Government	781.79	4066.97	4579.70
Loans and Advances	467.89	482.33	609.60
TOTAL (I + II)	8523.60	13524.77	15053.96

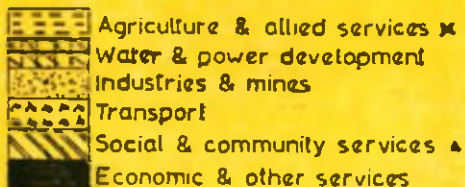
XIX. FIVE YEAR PLANS

82. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING THE PLAN PERIOD FROM 1962 ONWARDS

Sr. No.	Outlay/Expenditure incurred during the Plan Periods	Heads of Development			
		Agri. & Co-operated Services	Co-operated Services	Water & Power Development	Industries & Mines
1	2	3	4	5	6
1. Third Five Year Plan 1962-66 (5 years)					
	i) Outlay	504.19	29.40	335.29	140.50
	ii) Expenditure	350.62	36.77	289.24	51.80
2. Annual Plans 1966-69 (3 years)					
	i) Outlay	612.58	18.00	430.97	99.73
	ii) Expenditure	425.61	14.41	373.62	75.40
3. Fourth Five Year Plan 1969-74 (5 years)					
	i) Outlay	1,032.17	68.01	827.76	104.75
	ii) Expenditure	892.36	112.43	772.61	90.75
4. Fifth Five Year Plan 1974-78 (4 years)					
	i) Outlay	1,252.81	62.00	1,998.50	171.00
	ii) Expenditure	1,184.60	152.43	1,809.03	248.58
5. Annual Plans 1978-80 (2 years)					
	i) Outlay	959.00	112.00	1,951.00	260.00
	ii) Expenditure	792.95	325.22	1,593.97	354.03
6. Sixth Five Year Plan 1980-85 (5 years)					
	i) Outlay	2,167.21	435.03	6,884.97	892.00
	ii) Expenditure	2,093.53	493.70	6,681.03	888.50
7. Seventh Five Year Plan 1985-90 (5 years)					
	i) Outlay	2,770.00	567.00	10,670.00	1540.00
	ii) Expenditure	2,688.97	389.12	11,549.63	2181.99
8. Annual Plan 1990-91					
	i) Outlay	762.00	106.00	3,666.00	850.00
	ii) Expenditure	754.27	137.24	3,806.87	1178.93

(Rs. in lakhs)

APPROVED OUTLAY AND EXPENDITURE FOR THE ANNUAL PLAN 1990-91

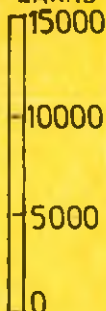


RS IN LAKHS



OUTLAY

RS. IN LAKHS



EXPENDITURE

✕ Includes co-operation

▲ Includes rural development & science & Tech

XIX. FIVE YEAR PLANS

82. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING THE PLAN PERIOD FROM 1962 ONWARDS (Concl'd.)

		(Rs. in Lakhs)				
Sr. No.	Outlay/Expenditure incurred during the Plan Periods	Heads of Development				Total
		Transport	Social & Community Services	Economic Services	General Services	
1	2	7	8	9	10	11
1.	Third Five Year Plan 1962-66 (5 years)					
i)	Outlay	409.37	845.38	1.90	-	2266.03
ii)	Expenditure	231.20	691.94	0.33	-	1651.90
2.	Annual Plans 1966-69 (3 years)					
i)	Outlay	331.06	902.63	6.86	-	2401.83
ii)	Expenditure	303.54	784.52	4.80	-	1981.90
3.	Fourth Five Year Plan 1969-74 (5 years)					
i)	Outlay	622.23	1565.92	11.42	-	4232.26
ii)	Expenditure	702.55	1613.49	9.09	-	4193.28
4.	Fifth Five Year Plan 1974-78 (4 years)					
i)	Outlay	867.67	1800.60	14.55	-	6167.13
ii)	Expenditure	879.98	1876.83	13.87	-	6165.32
5.	Annual Plans 1978-80 (2 years)					
i)	Outlay	709.25	1737.10	21.65	-	5750.00
ii)	Expenditure	690.34	1799.78	6.50	-	5562.79
6.	Sixth Five Year Plan 1980-85 (5 years)					
i)	Outlay	3537.58	8212.21	113.11	347.12	2589.28
ii)	Expenditure	3734.60	8118.03	119.20	407.12	2535.71
7.	Seventh Five Year Plan 1985-90 (5 years)					
i)	Outlay	4735.00	14018.00	*870.00	830.00	36000.00
ii)	Expenditure	6006.95	18252.40	*897.28	1894.80	43861.14
8.	Annual Plan 1990-91					
i)	Outlay	1850.00	5272.00	+249.00	245.00	13000.00
ii)	Expenditure	1848.16	5366.00	+231.34	216.31	13539.12

* Figures includes Rural Development (Outlay 199.00 & Exp. 687.93) & Science and Technology (Outlay 155.00 & Exp.148.07 also

+ Figures includes Rural Development (Outlay 296.00 & Exp. 220.12) & Science and Technology (Outlay 67.00 & Exp.63.19)

XIX FIVE YEAR PLANS

83. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92

Sector No.	Name of the sector/ Sub-Sector of Development	(Rs. in lakhs)			
		1989-90 Actual Expenditure	1990-91 Approved outlay	1990-91 Unreconciled Expenditure	1991-92 Approved Outlay
1	2	3	4	5	6
I. AGRICULTURE AND ALLIED SERVICES					
1.	Crop Husbandry	159.54	197.00	188.00	225.00
2.	Soil and Water Conservation	31.52	40.00	36.46	47.00
3.	Animal Husbandry	116.72	137.00	148.68	169.00
4.	Dairy Development	2.90	18.00	5.40	24.00
5.	Fisheries	133.81	150.00	172.53	300.00
6.	Forestry and Wild Life	157.24	162.00	152.84	116.00
7.	Food, Storage and Warehousing	20.78	18.00	19.24	20.00
8.	Agriculture Research and Education	20.45	40.00	32.07	50.00
9.	Investment in Agricultural Finance Institutions	-	-	-	5.00
10.	Other Agricultural Programmes				
	(a) Marketing and Quality Control	4.97	6.00	5.51	11.00
11.	Co-operation	86.13	100.00	131.71	265.00
	Total (I)	734.06	868.00	892.44	1232.00
II. RURAL DEVELOPMENT					
A.	Special Programmes for Rural Development	83.67	113.00	67.60	125.00

XIX FIVE YEAR PLANS

99. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92 (Contd.)

Sector	Name of the sector/ Sub-Sector of Development	(Rs. in lakhs)			
		1989-90 Actual Expenditure	1990-91 Approved Outlay	1991-92 Unrecon-ciled Ex-penditure	1991-92 Approved Outlay
	2	3	4	5	6
a)	Integrated Rural Development Programme (IRDP) and allied programmes	58.54	89.00	61.64	100.00
b)	Draught Prone Area Programmes (DPAP)	-	-	-	-
c)	Integrated Rural Energy Programmes (IREP)	25.13	24.00	5.96	25.00
	Rural Employment	125.75	90.00	71.45	115.00
a)	Jawahar Rozgar Yojana	75.75	40.00	71.45	40.00
b)	Other Programmes (like Employment Guarantee Scheme)				
	Land Army	50.00	50.00	-	75.00
	Land Reforms	33.17	35.00	28.99	30.00
	Other Rural Development Programmes				
	Community Development and Panchayats	43.83	58.00	52.48	79.00
	Special Programme for Integrated Development of Model Villages	-	-	-	110.00
	Total (II)	206.42	296.00	220.52	459.00

XIX FIVE YEAR PLANS

83. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92 (Contd.)

Sector No.	Name of the Sector/ Sub-Sector of Development	1989-90 Actual Expenditure	(Rs. in lakhs)		1991-92 Approved Outlay
			1990-91 Approved Outlay	Unreconciled Expenditure	
1	2	3	4	5	6
III. SPECIAL AREA PROGRAMME					
IV. IRRIGATION AND FLOOD CONTROL					
1.	Major and Medium Irrigation	1704.61	2370.00	2317.92	2763.00
2.	Minor Irrigation	197.17	329.00	373.66	340.00
3.	Command Area Development	114.52	142.00	127.01	192.00
4.	Flood Control Project (including Anti-Sea Erosion, etc.)	24.66	30.00	32.38	20.00
Total (IV)		2040.96	2871.00	2850.97	3315.00
V. ENERGY					
1.	Power	729.06	773.00	957.08	1045.00
2.	Non-Conventional Sources of Energy	1.58	22.00	6.17	26.00
Total (V)		730.64	795.00	963.25	1071.00
VI. INDUSTRY AND MINERALS					
1.	Village and Small Industries	114.64	220.00	552.74	400.00
2.	Medium and Large Industries	464.00	620.00	619.50	500.00
3.	Mining	8.65	10.00	7.14	10.00
Total (VI)		587.29	850.00	1179.38	910.00

XIX FIVE YEAR PLANS

83. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92 (Contd.)

(Rs. in Lakhs)

Sector No.	Name of the Sector/ Sub-Sector of Development	1989 Act- ual Expen- diture	1990-91		1991- 92 Appro- ved Outlay
			Appro- ved outlay	Unrecon- ciled Ex- penditure	
1	2	3	4	5	6
VII. TRANSPORT					
1.	Ports and Light Houses	6.81	10.00	0.61	10.00
2.	Roads and Bridges	1164.05	1400.00	1200.00	1500.00
3.	Road Transport	211.00	220.00	338.54	400.00
4.	Inland Water Transport	70.64	220.00	109.22	250.00
5.	Other Transport Services				
	a) Inter Modal Study	-	-	-	-
	b) Konkan Railway Project	-	-	200.00	1200.00
	Total (VII)	1452.50	1850.00	1848.37	3360.00
VIII. COMMUNICATION					
SCIENCE, TECHNOLOGY & ENVIRONMENT					
1.	Scientific Research (including S.T.)	38.98	41.00	30.66	60.00
2.	Ecology and Environment	5.08	26.00	33.95	14.00
	Total (IX)	44.06	67.00	64.61	74.00
GENERAL ECONOMIC SERVICES					
1.	Secretarial Economic Services	6.90	8.00	5.00	10.00
2.	Tourism	169.95	200.00	199.63	240.00

XIX. FIVE YEAR PLANS

83. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92 (Contd.)

Sector No.	Name of the Sector/ Sub-Sector of Development	(Rs. in lakhs)			1991-92 Approved Outlay
		1989-90 Actual Expenditure	1990-91 Approved Outlay	Unrecon- ciled Ex- penditure	
1	2	3	4	5	6
3.	Survey and Statistics	05.80	11.00	2.99	43.00
4.	Computer Centre	17.27	15.00	11.18	10.00
5.	Civil Supplies	3.99	8.00	7.37	12.00
6.	Weights and Measures	5.85	5.00	4.36	5.00
7.	Gazetteers	1.48	2.00	0.93	2.00
	Total (X)	211.24	249.00	231.46	322.00

XI. SOCIAL SERVICES
EDUCATION, SPORTS
ART & CULTURE

1.	General Education	1212.36	1140.00	1123.91	1120.00
2.	Technical Education	180.54	250.00	229.47	300.00
3.	Art and Culture	165.13	210.00	210.45	240.00
4.	Sports and Youth Affairs	422.25	160.00	171.65	200.00
	Sub-Total Education	1980.28	1760.00	1725.12	1860.00
5.	Medical and Public Health	701.03	999.00	1022.21	1520.00
6.	Water Supply and Sanitation	1639.00	1445.00	1645.00	1908.00
7.	Housing (including Police Housing)	189.07	227.00	209.41	241.00

XIX. FIVE YEAR PLANS

13. PLAN OUTLAY AND EXPENDITURE BY MAJOR HEADS OF DEVELOPMENT DURING ANNUAL PLAN 1989-90, ANNUAL PLAN 1990-91 AND ANNUAL PLAN 1991-92 (Concl'd.)

(Rs. in lakhs)

Sector No.	Name of the Sector/ Sub-Sector of Development	1989-90 Actual Expenditure	1990-91		1991-92 Approved Outlay
			Approved Outlay	Unreconciled Expenditure	
1	2	3	4	5	6
8.	Urban Development	118.71	144.00	166.63	200.00
9.	Information and Publicity	57.55	40.00	46.25	45.00
10.	Welfare of SC, ST and OBC	26.18	48.00	58.52	62.00
11.	Labour and Labour Welfare	172.92	213.00	176.48	245.00
12.	Social Security and Welfare	5.83	24.00	15.76	59.00
13.	Nutrition	71.25	9.00	12.00	50.00
14.	Other Social Services (a) Fire Services	29.82	30.00	30.00	40.00
	Total (XI)	4991.64	4939.00	5107.38	6230.00
XII. GENERAL SERVICES					
1.	Stationery and Printing	13.21	10.00	2.66	14.00
2.	Public Works	202.24	204.00	180.65	260.00
3.	Accounts Services	1.00	1.00	3.00	3.00
	Total (XII)	216.45	215.00	186.31	277.00
	GRAND TOTAL	11295.26	13000.00	13544.69	17250.00

XX. STATE INCOME

84. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CURRENT PRICES (NEW SERIES)

Sr. No.	Industry Group	(Rs. in lakhs)					
		1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
1.	Agriculture	5166	5701	5929	7168	9263	7107
2.	Forestry & logging	1375	520	446	922	1045	924
3.	Fishing	722	1041	1441	1218	1083	1100
4.	Mining & Quarrying	1741	2355	2216	2043	2716	3243
	Sub-Total-Primary	9004	9617	10032	11351	14107	12374
5.	Manufacturing	7776	7661	11499	10068	14525	14719
5.1	Registered	4510	4000	7362	5012	8753	8557
5.2	Un-registered	3266	3661	4137	5056	5772	6162
6.	Electricity, gas & water supply	(-)238	(-)663	(-)887	(-)631	(-)949	(-)1685
7.	Construction	1821	2102	2553	2661	2901	3911
	Sub-Total-Secondary	9359	9100	13165	12098	16477	16945
8.	Trade, hotels & restaurants	4266	5035	6446	6353	7618	8768
9.	Transport, storage & Communication	2592	2918	3235	3651	4002	4003
9.1	Railways	18	31	42	49	60	78
9.2	Transport by other means	2400	2655	2903	3267	3577	3571
9.3	Storage	9	11	16	18	19	22
9.4	Communication	165	221	274	317	346	332

XX. STATE INCOME

84. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CURRENT PRICES (NEW SERIES)

Industry Group	(Rs. in lakhs)-				
	1986-87	1987-88	1988-89(R)	1989-90(P)	1990-91(Q)
2	9	10	11	12	13
1. Agriculture	8963	10058	11997	13598	14404
2. Forestry & logging	380	405	823	1013	1167
3. Fishing	1254	1118	906	1274	1402
4. Mining & Quarrying	3574	2942	3018	2945	3617
Sub-Total-Primary	14171	14543	16744	18830	20590
5. Manufacturing	19372	19435	23590	23590	23590
5.1 Registered	12514	11352	14990	14990	14990
5.2 Un-registered	6858	8083	8600	8600	8600
6. Electricity, gas & water supply	(-)1516	(-)1061	(-)310	(-)98	(-)29
7. Construction	4446	5121	5586	6481	7348
Sub-Total-Secondary	22302	23495	28866	29973	30909
8. Trade, hotels & restaurants	10089	11114	11084	11367	11572
9. Transport, storage & communication	3137	7056	7117	7168	7610
9.1 Railways	66	71	83	102	102
9.2 Transport by other means	2933	6702	6681	6660	7097
9.3 Storage	22	53	39	47	52
9.4 Communication	116	230	314	359	359

XX. STATE INCOME

84. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CURRENT PRICES (NEW SERIES) (Concl'd.)

(Rs. in Lakhs)

Sr. No.	Industry Group	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
	Banking and Insurance	1229	1774	2111	2636	2793	3221
	Real estate and ownership of dwellings & business services	1957	2138	2320	2623	2833	3001
12.	Public administration	1233	1494	1693	2224	2449	2688
13.	Other Services	1906	2260	2805	3256	3886	4445
	Sub-Total-Tertiary	13183	15619	18610	20743	23581	26140
	Total Net State Domestic Product (NSDP)	31546	34336	41807	44192	54165	55459

Note : R = Revised estimates

P = Provisional estimates

Q = Quick estimates

XX. STATE INCOME

84. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CURRENT PRICES (NEW SERIES) (Concl'd.)

		(Rs. in lakhs)				
Sr. No.	Industry Group	1986-87	1987-88	1988-89(R)	1989-90 (P)	1990-91 (Q)
1	2	9	10	11	12	13
10.	Banking & Insurance	3681	4428	5916	7191	7191
11.	Real estate and ownership of dwellings & business services	3226	3264	3574	3789	3998
12.	Public administration	3517	3618	4725	5118	5603
13.	Other Services	5553	5569	6433	6929	7984
	Sub-Total-Tertiary	29203	35049	38849	41562	43958
	Total Net State Domestic Product (NSDP)	65676	73087	84459	90365	95457

Note : R = Revised estimates

P = Provisional estimates

Q = Quick estimates

XX. STATE INCOME

B5. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CONSTANT PRICES (NEW SERIES)

		(Rs. in lakhs)					
Sr. No.	Industry Group	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
1.	Agriculture	5166	5343	5199	5507	5713	4699
2.	Forestry & logging	1375	509	361	562	573	434
3.	Fishing	722	763	978	876	879	853
4.	Mining & Quarrying	1741	1639	1508	1475	1644	1556
	Sub-Total-Primary	9004	8254	8046	8420	8829	7542
5.	Manufacturing	7776	6402	10219	7895	11495	11322
5.1	Registered	4510	3046	6740	4136	7511	7267
5.2	Un-registered	3266	3356	3479	3759	3984	4055
6.	Electricity, gas & water supply	(-)238	(-)691	(-)830	(-)487	(-)689	(-)1141
7.	Construction	1821	1192	1435	1426	1201	1462
	Sub-Total-Secondary	9359	6903	10824	8834	12007	11643
8.	Trade, hotels & restaurants	4266	3743	4133	4214	4473	4575
9.	Transport, storage & Communication	2592	2519	2766	2643	3050	3321
9.1	Railways	18	22	18	23	26	22
9.2	Transport by other means	2400	2284	2506	2363	2738	3000
9.3	Storage	9	10	13	13	13	15
9.4	Communication	165	203	229	244	273	284

XX. STATE INCOME

85. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CONSTANT PRICES (NEW SERIES) (Contd.)

Sr. No.	Industry Group	(Rs. in lakhs)									
		1986-87	1987-88	1988-89(R)	1989-90(P)	1990-91(Q)					
	2	9	10	11	12	13					
1.	Agriculture	4476	5437	6116	6639	6392					
2.	Forestry & logging	173	216	389	488	601					
3.	Fishing	1062	809	885	1176	1198					
4.	Mining & Quarrying	1739	1422	1219	1076	1101					
	Sub-Total-Primary	7450	7884	8609	9379	9292					
5.	Manufacturing	14070	11182	15992	15992	15992					
5.1	Registered	9860	6495	11277	11277	11277					
5.2	Un-registered	4210	4687	4715	4715	4715					
6.	Electricity, gas & water supply	(-)	847	(-)	365	(-)	308	(-)	320	(-)	345
7.	Construction	1447	1729	1747	1845	1985					
	Sub-Total-Secondary	14670	12546	17431	17517	17632					
8.	Trade, hotels & restaurants	4479	4509	4233	4432	4461					
9.	Transport, storage & communication	2971	6710	7951	7674	7660					
9.1	Railways	19	20	24	25	25					
9.2	Transport by other means	2631	6352	7578	7284	7270					
9.3	Storage	14	15	20	22	22					
9.4	Communication	307	323	329	343	343					

XX. STATE INCOME

85. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CONSTANT PRICES (NEW SERIES) (Contd.)

Sr. No.	Industry Group	(Rs. in lakhs)					
		1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
10.	Banking & Insurance	1229	1349	1384	1521	1550	1726
11.	Real estate & ownership of dwellings & business services	1957	2007	2058	2109	2159	2214
12.	Public administration	1233	1327	1401	1630	1693	1755
13.	Other Services	1906	1982	2308	2372	2628	2863
	Sub-Total-Tertiary	13183	12927	14050	14489	15553	16454
	Total Net State Domestic Product (NSDP)	31546	28084	32920	31743	36389	35639

Note : R = Revised estimates

P = Provisional estimates

Q = Quick estimates

XX. STATE INCOME

85. NET STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN FOR THE PERIOD FROM 1980-81 TO 1990-91 AT CONSTANT PRICES (NEW SERIES) (Concl'd.)

Sr. No.	Industry Group	(Rs in lakhs)				
		1986-87	1987-88	1988-89(R)	1989-90(P)	1990-91(Q)
1	2	9	10	11	12	13
10.	Banking & Insurance	1407	1523	3472	3741	3741
11.	Real estate & ownership of dwellings & business services	2266	2470	2705	2799	2896
12.	Public administration	2082	2135	2361	2442	2490
13.	Other Services	3301	3345	3235	3326	3329
	Sub-Total-Tertiary	16506	20692	23957	24414	24577
	Total Net State Domestic Product (NSDP)	38626	41122	49997	51310	51501

Note : R = Revised estimates

P = Provisional estimates

Q = Quick estimates

XX. STATE INCOME

86. NET STATE DOMESTIC PRODUCT AT FACTOR COST FOR THE YEARS 1980-81 TO 1990-91 AT CURRENT AND CONSTANT PRICES (NEW SERIES)

Sr. No.	Item	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7	8
I. NET STATE DOMESTIC PRODUCT (NSDP)(Rs. in lakhs)							
1.	At Current Prices	31546	34336	41807	44192	54165	55459
2.	At Constant Prices	31546	28084	32920	31743	36389	35639
II. PER CAPITA NET STATE DOMESTIC PRODUCT (in Rs.)							
1.	At Current Prices	3145	3365	4003	4127	4931	4927
2.	At Constant Prices	3145	2752	3152	2964	3313	3166
III. INDEX NUMBERS OF N.S.D.P.							
1.	At Current Prices	100.0	108.8	132.5	140.1	171.7	175.8
2.	At Constant Prices	100.0	89.0	104.4	100.6	115.3	112.9
IV. INDEX NUMBERS OF PER CAPITA N.S.D.P							
1.	At Current Prices	100.0	107.0	127.3	131.2	156.8	156.7
2.	At Constant Prices	100.0	87.5	100.2	94.2	105.3	100.7
V. ESTIMATED POPULATION AS ON 1ST OCTOBER ('00')							
		10031	10205	10443	10709	10985	11256

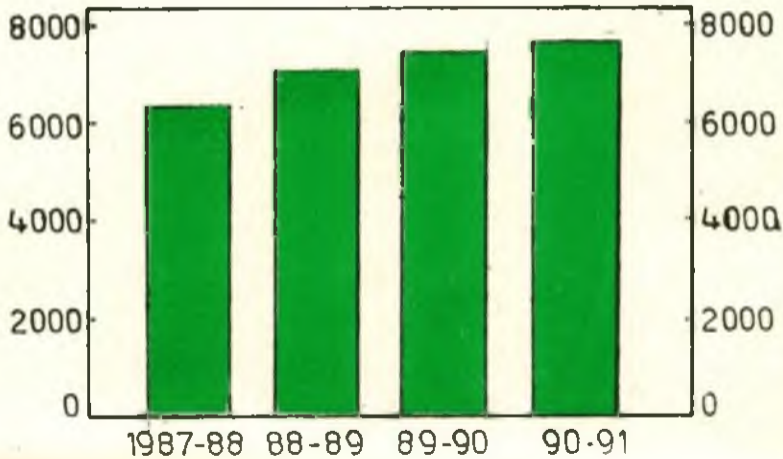
Note : R = Revised Estimates

P = Provisional Estimates

Q = Quick Estimates

PER CAPITA INCOME

(at current prices)



XX. STATE INCOME

86. NET STATE DOMESTIC PRODUCT AT FACTOR COST FOR THE YEARS 1980-81 TO 1990-91 AT CURRENT AND CONSTANT PRICES (NEW SERIES) (Concl'd.)

Sr. No.	Item	1986-87	1987-88	1988-89(R)	1989-90(P)	1990-91(Q)
1	2	9	10	11	12	13
I. NET STATE DOMESTIC PRODUCT (NSDP) (Rs. in lakhs)						
1.	At Current Prices	65676	73087	84459	90365	95457
2.	At Constant Prices	38626	41122	49997	51310	51501
II. PER CAPITA NET STATE DOMESTIC PRODUCT (in Rs.)						
1.	At Current Prices	5702	6209	7027	7370	7634
2.	At Constant Prices	3353	3493	4159	4184	4119
III. INDEX NUMBERS OF N.S.D.P.						
1.	At Current Prices	208.2	231.7	267.7	286.5	302.6
2.	At Constant Prices	122.4	130.4	158.5	162.7	163.3
IV. INDEX NUMBERS OF PER CAPITA N.S.D.P.						
1.	At Current Prices	181.3	197.4	223.4	234.3	242.7
2.	At Constant Prices	106.6	111.1	132.2	133.0	131.0
V. ESTIMATED POPULATION AS ON 1ST OCTOBER ('00')						
		11519	11771	12020	12262	12504

Note : R = Revised Estimates
P = Provisional Estimates
Q = Quick Estimates

XXI. LOCAL BODIES

8/. INCOME, EXPENDITURE AND IMPORTANT ACHIEVEMENTS OF THE VILLAGE PANCHAYATS FOR THE YEARS 1989-90 & 1990-91

Sr. No.	Item	1989-90	1990-91
1	2	3	4
1.	Number of panchayats	183	183
2.	Income (Rs. in lakhs)		
	i) Grants from government	160.50	105.00
	ii) Other grants	16.41	42.32
	iii) Proceeds of taxes, fees etc.	371.26	97.83
	iv) Proceeds of loans etc.	2.33	4.49
	v) Sale proceeds	2.47	3.95
	vi) Others	44.54	41.31
	TOTAL INCOME	597.51	294.90
3.	Expenditure (Rs. in lakhs)		
	i) Administration	30.65	34.65
	ii) Sanitation & public health	8.66	11.48
	iii) Public works	163.42	104.30
	iv) Planning & development	7.36	14.88
	v) Education & Culture	11.47	18.39
	vi) Social Welfare	4.14	5.00
	vii) Miscellaneous	16.09	18.99
	TOTAL EXPENDITURE	241.79	207.69

XXI. LOCAL BODIES

87. INCOME, EXPENDITURE AND IMPORTANT ACHIEVEMENTS OF THE VILLAGE PANCHAYATS FOR THE YEARS 1989-90 & 1990-91 (CONCLD.)

Sr. No.	Item	1989-90	1990-91
1	2	3	4
4.	Important Achievements :		
	i) Construction of village paths & roads (kms.)	72.70	60.99
	ii) Repairs of village path & roads (kms.)	96.65	77.85
	iii) Construction of motorable roads (kms.)	108.85	93.30
	iv) Compost pits dug (Nos.)	785	853
	v) Trees planted (Nos.)	41,495	72,428
	vi) Construction of school buildings(Nos.)	13	17
	vii) Repairs of school buildings(Nos.)	13	10
	viii) Drinking water wells constructed (Nos.)	34	59
	ix) Drinking water wells repaired (Nos.)	142	120
	x) Construction of culverts(Nos.)	45	40
	xi) Construction of Panchayat Ghars (Nos.)	6	6
	xii) Foot bridges constructed (Nos.)	22	26

XXI. LOCAL BODIES

88. TALUKAWISE RECEIPTS AND EXPENDITURE OF MUNICIPALITIES
FOR THE YEARS 1988-89 AND 1989-90

State/District/ Municipality	(Rs. in lakhs)			
	1988-89		1989-90	
	Receipts	Expen- diture	Receipts	Expen- diture
1	2	3	4	5
GOA STATE	475.68	485.54	573.33	532.26
NORTH GOA	255.46	222.97	269.63	234.60
Panaji	117.51	92.74	140.33	98.02
Mapusa	83.70	84.67	72.28	84.34
Pernem	-	-	1.91	1.92
Bicholim	19.01	10.68	15.03	14.94
Valpoi	-	-	4.79	3.53
Ponda	35.24	34.88	35.29	31.85
SOUTH GOA	220.22	262.57	303.70	297.66
Sanguem	10.34	12.87	10.38	17.48
Canacona	9.12	7.80	9.72	13.76
Quepem	8.32	10.11	10.04	9.75
Curcholem-Cacora	8.44	8.20	37.36	29.82
Margão	104.54	132.93	134.77	126.85
Cuncolim	7.26	6.22	11.36	9.07
Mormugão	72.20	84.44	90.07	90.93

XXI. LOCAL BODIES

89. DISTRIBUTION OF INCOME AND EXPENDITURE OF
MUNICIPAL COUNCILS

Sr. No.	Item	(Rs. in lakhs)	
		1988-89	1989-90
1	2	3	4
	INCOME		
I.	Municipal rates and taxes :		
	a) Octroi	22.00	24.94
	b) Taxes on houses and land	86.14	88.05
	c) Others	12.14	12.93
	Total - I	120.28	125.92
II.	Receipts from :		
	a) Realisation under special acts	0.23	0.10
	b) Markets	21.20	23.78
	c) Slaughter houses	1.01	1.35
	d) Rent for houses and land	54.08	58.58
	e) Other fees and revenue	43.98	56.50
	Total -II	120.50	140.31
III.	Income from other sources :		
	a) Government grants	177.29	209.36
	b) Interest on receipts	16.39	14.68
	c) Miscellaneous	11.22	83.06
	Total - III	234.90	307.10
	Total income (excluding extra- ordinary debts & opening balance)	475.68	573.33

XXI. LOCAL BODIES

89. DISTRIBUTION OF INCOME AND EXPENDITURE OF
MUNICIPAL COUNCILS (Concl'd.)

(Rs. in lakhs)

Sr. No.	Item	1988-89	1989-90
1	2	3	4
EXPENDITURE			
I.	Administration	113.05	148.74
II.	Public Safety :		
	a) Public lighting	32.06	20.08
	b) Water supply	2.20	3.03
	c) Drainage conservancy and sanitary	112.39	144.48
	d) Others	0.51	0.97
	Total - II	147.16	168.56
III.	Public Health and Conveniencies :		
	a) Libraries, municipal gardens	20.33	21.56
	b) Others	174.87	136.96
	Total - III	195.20	158.52
IV.	Miscellaneous :		
	a) Repayment of loan and interest	14.07	37.51
	b) Others	16.06	18.93
	Total - IV	30.13	56.44
	Total expenditure (excluding extra- ordinary debts & closing balance)	485.54	532.26

XXII. COMMUNITY DEVELOPMENT PROGRAMME

PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS
FOR THE YEARS 1988-89 AND 1989-90

Item	Unit	Achievement	
		1988-89	1989-90
2	3	4	5
AGRICULTURE			
Distribution of improved seeds :			
a) Paddy	Kg.	59,660	64,713
b) Maize	Kg.	1,250	-
c) Ragi	Kg.	65	400
d) Other cereals (pulses)	Kg.	2,829	3,760
Total		63,804	68,873
Distribution of fertilizers and manures :			
Chemical fertilisers distributed :			
a) All nitrogenous compounds	Tonnes	2,624	2,502
b) All phosphatic compounds	Tonnes	1,768	1,789
c) All potassic compounds	Tonnes	1,661	1,426
Total		6,053	5,717
Other items			
Chemical pesticides distributed :			
a) Solid pesticides	Kg.	24,500	31,919
b) Liquid pesticides	Litres	811	3,407
c) Compost pits filled	No.	1,691	2,018
d) Fruit trees planted	No.	67,199	58,950

XXII. COMMUNITY DEVELOPMENT PROGRAMME

90. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECT
FOR THE YEARS 1988-89 AND 1989-90 (Contd.)

Sr. No.	Item	Unit	Achievement	
			1988-89	1989-90
1	2	3	4	5

II. ANIMAL HUSBANDRY

A. Improved animal supplied :

a) Bulls	No.	21	21
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B. Improved birds supplied :

a) Baby chicks	No.	1,348	1,950
b) Cockerels for upgrading	No.	1,316	1,630
c) Others for breeding	No.	2,664	2,720

C. Hatching eggs supplied :	No.	6,09,806	7,15,500
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D. Animals castrated :

a) Bulls & buffaloes	No.	688	530
b) Others	No.	130	115

E. Animal artificially inseminated :

a) Cows	No.	2,889	3,020
b) Buffaloes	No.	42	48

F. a) Preventive inoculations/ vaccinations done	No.	2,17,606	1,92,353
b) Animals treated	No.	38	-

G. New silo pits constructed	No.	350	388
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III. Minor Irrigation and Work
Construction, Additional Area
likely to be Irrigated by :

1. Kutcha wells constructed	No.	/	11
2. Kutcha wells repaired/ renovated	No.	9	14

XXII. COMMUNITY DEVELOPMENT PROGRAMME

90. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS
FOR THE YEARS 1988-89 AND 1989-90 (Contd.)

Sr. No.	Item	Unit	Achievement	
			1988-89	1989-90
1	2	3	4	5
3.	Pucca wells constructed	No.	11	13
4.	Pucca wells repaired/renovated	No.	4	7
5.	Tanks repaired or renovated	Area in Ha.	N.A.	N.A.
6.	Channels constructed (Length in kms.)		-	4
7.	Channels repaired or renovated (length in kms)	No.	2	3
		Area in Ha.	5	N.A.
8.	Pumpsets installed	No.	-	-
		Area in Ha.	-	-
9.	Lift irrigation	No.	5	4
		Area in Ha.	15	12
10.	Others bandharas	No.	-	1
		Area in Ha.	-	18
	Total gross add. area likely to be irrigated	Area in Ha.	26	N.A.
IV. Land Reclamation and Improvement :				
A.	Land reclaimed	Ha.	150	350
B.	Soil conservation :			
	a) Area contourbunded	Ha.	-	-
	b) Area terraced	Ha.	4	9
C.	Area under dry farming	Ha.	-	-

XXII. COMMUNITY DEVELOPMENT PROGRAMME

90. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS FOR THE YEARS 1988-89 AND 1989-90 (Contd.)

Sr. No.	Item	Unit	Achievement	
			1988-89	1989-90
1	2	3	4	5
V. Village & Small Industries				
A.	Units set up for processing of agricultural & horticultural produce	No.	3	2
B.	Other new small industrial unit set up	No.	36	52
C.	Financial assistance provided for setting up items (A) & (B)	Rs. '000'	27.50	68.50
VI. Health & Rural Sanitation				
A.	Rural latrines constructed	No.	-	-
B.	Pucca drains constructed	Metres	-	400
C.	Smokeless chulla installed	NO.	2,711	3,500
D.	Gobar gas plants set up	No.	206	250
E.	Drinking water facilities provided :			
	a) Wells constructed	No.	13	16
	b) Wells renovated	No.	24	28
	c) Hand pumps installed	No.	6	12
7.	Sterilization operations performed on :			
	a) Male	No.	60	192
	b) Female	No.	559	625

XXII. COMMUNITY DEVELOPMENT PROGRAMME

90. PHYSICAL ACHIEVEMENTS IN COMMUNITY DEVELOPMENT PROJECTS
FOR THE YEARS 1988-89 AND 1989-90 (Concl'd.)

Sr. No.	Item	Unit	Achievement	
			1988-89	1989-90
1	2	3	4	5

VII. Social Education

A. Literacy centres started	No.	53	44
B. Adults made literate :			
a) Men	No.	170	225
b) Women	No.	391	415
C. Sewing centres functioning in rural areas	No.	34	36
D. Women trained in sewing	No.	520	533

VIII. Communication

A. New kacha roads constructed	Km.	63	37
B. Existing kacha roads improved	km.	132	92
C. Culverts constructed	No.	64	58
D. Culverts repaired	No.	18	21

XXIII. TAXES

91. CUSTOMS REVENUE COLLECTED DURING 1989-90 & 1990-91

Sr. No.	Article	(Rs. in Lakhs)	
		1989-90	1990-91
1	2	3	4
I. IMPORTS			
A. Revenue Duties			
1.	Chemicals including drugs & medicines	935.02	714.86
2.	Machinery	169.78	198.30
3.	Iron & Steel	10.42	188.65
4.	Motor vehicles & parts thereof	0.12	10.79
5.	Wood pulp, paper and articles thereof	-	0.06
6.	Copper	2.35	0.21
7.	Zinc	-	-
8.	All other articles	743.65	1,179.19
	Sub-Total A	1,861.34	2,292.06
B. Auxilliary Duties			
1.	Machinery	168.72	182.36
2.	Chemicals including drugs & medicines	210.12	5.80
3.	Iron and steel	6.68	199.35
4.	Motor vehicles & parts thereof	0.40	4.86
5.	Wood pulp, paper, paperboard and articles thereof	-	0.03
6.	Rubber and articles thereof	8.49	10.03
7.	Copper	1.08	0.10
8.	Zinc	-	-
9.	All other articles	662.84	794.88
	Sub-Total B	1,058.33	1,197.41

XXIII. TAXES

91. CUSTOMS REVENUE COLLECTED DURING 1989-90 AND
1990-91 (Concl'd.)

Sr. No.	Article	(Rs. in lakhs)	
		1989-90	1990-91
1	2	3	4
C. Additional Duties			
1.	Petroleum oils and oils obtained from bituminous minerals other than crude	1,053.87	1,424.39
2.	Chemicals including drugs and medicines	155.57	57.76
3.	Machinery	45.39	149.72
4.	Iron and steel	4.95	33.78
5.	Motor vehicles & parts thereof	0.56	5.56
6.	Wood, pulp, papers, paper board	-	0.05
7.	Rubber and articles thereof	7.16	9.74
8.	Copper	0.93	0.10
9.	All other articles	405.52	573.90
	Sub-Total C	1,673.95	2,255.00
	Total (A+B+C)	4,593.62	5,744.47
II. EXPORTS			
A. Export Duties			
1.	Manganese ore	-	-
2.	Lumpy iron ore	-	-
3.	Iron ore fines including blue dust	-	-
4.	Deoiled groundnut meal	-	-
	Sub-Total	-	-
B.	Total cess on exports	67.23	128.03
C.	Miscellaneous receipts	56.21	90.92
	Total (A+B+C)	123.44	218.95
	Total refunds and drawbacks	22.04	21.16
	Net customs revenue	4,695.02	5,942.26

XXIII. TAXES

92. COMMODITYWISE CENTRAL EXCISE REVENUE COLLECTED
DURING 1989-90 AND 1990-91

Sr. No. 1	Commodity	(Rs. in lakhs)	
		1989-90 3	1990-91 4
1.	Refined diesel oil	497.32	273.78
2.	Motor spirit	1,110.34	1,280.53
3.	Superior kerosene	247.40	177.58
4.	Furnance oil	47.67	53.86
5.	Cosmetics	232.28	377.37
6.	Pharmaceutical products	635.09	664.59
7.	Prepared and preserved food	12.57	21.29
8.	Aerated water	160.19	192.11
9.	Paints and varnishes	42.40	35.22
10.	Cotton yarn	-	-
11.	Tyres, tubes and flaps	5,962.35	7,323.99
12.	Sugar	46.69	55.81
13.	Diesel oil	-	12.38
14.	Raw naphta	17.30	19.24
15.	Rubber products	29.12	29.25
16.	Soap	2.67	2.13
17.	Miscellaneous	1,475.69	1,727.26
	Total	10,519.08	12,246.39

XXIII. TAXES

93. TALUKAWISE NUMBER OF REGISTERED SALES TAX DEALERS
AT THE END OF 1989-90 AND 1990-91

State/District/ Taluka 1	Number of registered dealers			
	Local 2	Central 3	Local 4	Central 5
GOA STATE	12,092	8,844	12,915	9,442
NORTH GOA	6,670	4,620	7,213	5,030
Piswadi	2,561	2,121	2,799	2,317
Pardez	1,855	1,290	1,983	1,387
Pernem	169	71	180	76
Picholim	629	138	700	178
Patarí	138	39	151	45
Ponda	1,318	961	1,400	1,027
SOUTH GOA	5,422	4,224	5,702	4,412
Sanguem	204	89	218	97
Sanacona	145	97	140	91
Mapem	514	388	558	407
Salcete	3,054	2,557	3,292	2,742
Mugão	1,505	1,093	1,494	1,075

XXIII. TAXES

94. TALUKAWISE SALES TAX COLLECTED DURING 1989-90
AND 1990-91

District/Taluka / State 1	(Rs. in Lakhs)			
	1989-90		1990-91	
	Local 2	Central 3	Local 4	Central 5
NORTH GOA	1,448.41	382.46	1,785.80	383.47
Tiswadi	972.38	304.74	1,217.49	285.75
Bardez	204.82	31.14	244.09	23.55
Pernem	1.03	-	1.45	-
Bicholim	28.55	15.39	39.34	37.46
Satari	0.80	-	1.12	-
Ponda	240.83	31.19	282.31	36.71
SOUTH GOA	3,031.98	100.78	3,546.04	165.82
Sanguem	6.22	-	6.60	-
Canacona	1.02	-	1.46	-
Quepem	18.08	1.47	22.72	1.63
Salcete	836.36	20.86	1,095.91	35.26
Mormugão	2,170.30	78.45	2,419.35	128.93
GOA (Gross Total)	4,480.39	483.24	5,331.84	549.29
Less Refund	(-) 6.71	(-) 0.41	(-) 9.36	(-) 1.08
NET TOTAL	4,473.68	482.83	5,322.48	548.21

XXIII. TAXES

95. TALUKAWISE ENTERTAINMENT TAX COLLECTED FOR
THE YEARS 1989-90 AND 1990-91

(Rs. in Lakhs)

State/District/ Taluka	1989-90	1990-91 (P)
1	2	3
GOA STATE	68.58	74.08
NORTH GOA	39.10	44.18
Tiswadi	22.08	25.23
Bardez	7.74	9.45
Pernem	0.71	0.68
Bicholim	2.74	2.78
Satarí	0.16	0.05
Ponda	5.67	5.99
SOUTH GOA	29.48	29.90
Banguem	0.01	0.01
Caiacóna	0.14	0.04
Quepem	4.68	4.19
Salcete	16.52	17.05
Sanjugaõ	8.13	8.61

XXIV. EXCISE

96. TALUKAWISE NUMBER OF SHOPS LICENSED TO SELL LIQUOR AT THE END OF 1989-90 AND 1990-91

State/ District/ Taluka	1989-90			1990-91		
	Tavernas (Country liquor shops)	Bars (IMFL & country liquor shops)	Total	Tavernas (Country liquor shops)	Bars (IMFL & country liquor shops)	Total
1	2	3	4	5	6	7
GOA STATE	320	4,096	4,416	373	4,252	4,615
NORTH GOA	144	2,161	2,305	201	2,247	2,438
Tiswadi	32	589	621	64	591	645
Bardez	45	809	854	69	855	924
Pernem	1	147	148	1	151	152
Bicholim	22	168	190	22	188	210
Satarf	18	96	114	18	100	118
Ponda	26	352	378	27	362	389
SOUTH GOA	176	1,935	2,111	172	2,005	2,177
Sanguem	6	189	195	6	195	201
Canacona	1	176	177	-	176	176
Quepem	43	269	312	39	269	308
Salcete	99	945	1,044	102	958	1,060
Mormugão	27	356	383	25	407	432

XXIV. EXCISE

97. TALUKAWISE NUMBER OF LICENCES ISSUED FOR STILLS
(MANUFACTURE OF LIQUOR) DURING 1989-90 AND
1990-91

State/District/ Taluka	Licenses issued during			
	1989-90		1990-91	
	For Cashew Liquor (from Cashew Juice) 2	For Country liquor (from toddy) 3	For Cashew liquor (from cashew juice) 4	For Country liquor (from toddy) 5
GOA STATE	3,058	3,376	3,227	3,187
WITH GOA	2,604	1,324	2,713	1,221
Barwadi	312	245	237	229
Beldez	216	224	317	182
Canhem	1,059	472	1,168	503
Cholim	164	45	370	43
Corari	524	10	296	7
Madga	329	328	325	257
WITH GOA	454	2,052	514	1,966
Alaguem	127	260	125	250
Alacona	124	364	129	342
Alipem	70	367	128	388
Alcete	65	784	51	745
Almugão	68	277	81	241

XXIV. EXCISE

98. PRODUCTION, IMPORTS AND EXPORTS OF LIQUORS
DURING 1989-90 AND 1990-91

Sr. No.	Item	(Quantity in lakh litres)	
		1989-90	1990-91
1	2	3	4
1.	Production of country liquor		
	a) Coconut feni	22.93	22.81
	b) Cashew liquor	10.00	10.80
2.	Liquor production in the State		
	a) Indian made foreign liquor other than beer	55.76	51.79
	b) Beer	152.23	170.21
3.	Imports from other States		
	a) Indian made foreign liquor other than beer	26.71	27.61
	b) Beer	4.84	5.10
4.	Exported to other States		
	a) Indian made foreign liquor other than beer	43.31	41.23
	b) Beer	56.12	58.18
5.	Number of coconut trees under tapping (in lakhs)	0.56	0.56

XXIV. EXCISE

99. EXCISE REVENUE RECEIPTS COLLECTED DURING 1989-90
AND 1990-91

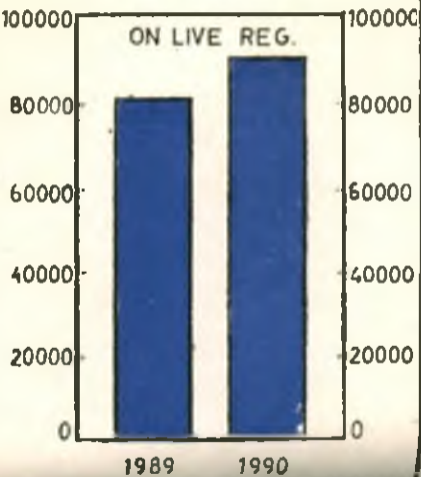
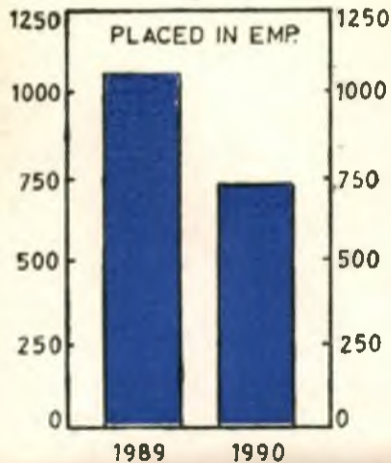
Sr. No.	Item	(Rs. in lakhs)	
		Year	
1	2	1989-90 3	1990-91 4
1.	Country spirits	77.63	80.11
1.A.	Deduct refunds	-	-
2.	Malt liquor	155.88	320.53
2.A.	Deduct refunds	-	-
3.	Foreign liquor & spirits	610.95	753.88
3.A.	Deduct refunds	-	-
4.	Denatured and commercial spirits	1.66	1.46
4.A.	Deduct refunds	-	-
5.	Medicinal and toilet pre- parations containing alcohol and opium	45.90	74.03
5.A.	Deduct refunds	-	-
6.	Fines and confiscations	2.11	1.77
6.A.	Deduct refunds	-	-
7.	Other receipts	23.51	0.33
7.A.	Other items	0.81	0.85
7.B.	Deduct refunds	-	-
8.	Receipts from distilleries	0.18	0.89
8.A.	Deduct refunds	-	-
	Total	918.63	1,233.85

XXV. LABOUR AND EMPLOYMENT

100. WORKING OF EMPLOYMENT EXCHANGES DURING THE YEARS
1989 AND 1990

Sr. No.	item	1989	1990
1	2	3	4
1.	No. of exchanges and sub-exchanges	2	2
2.	Registration during the year	12,862	14,059
3.	Vacancies notified during the year	3,836	3,853
4.	Percentage of vacancies notified to registration	29.82	27.41
5.	Applicants placed in employment during the year	1,055	727
6.	Number of job seekers on live register at the end of the year	80,171	92,337

LABOUR AND EMPLOYMENT



XXV. LABOUR AND EMPLOYMENT

101.a) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING 1989 REGISTRATIONS AND PLACEMENTS IN EMPLOYMENT BY LEVEL OF EDUCATION

No.	Level of Education	1st Jan. to 30th June, 1989					
		Registrations			Placements		
		Ma- le	Fe- male	To- tal	Ma- le	Fe- male	To- tal
	2	3	4	5	6	7	8
1.	Matriculates	1,686	1,139	2,825	172	114	286
2.	Persons who passed Higher Secondary (including Intermediate/Undergraduate)	564	508	1,072	9	14	23
3.	Graduates - Total	544	493	1,037	53	30	83
	i) Arts	73	157	230	8	7	15
	ii) Science	107	88	195	9	4	13
	iii) Commerce	272	219	491	12	5	17
	iv) Engineering	29	2	31	15	3	18
	v) Medicine	18	15	33	-	-	-
	vi) Veterinary	4	-	4	-	-	-
	vii) Agriculture	4	-	4	2	-	2
	viii) Law	18	2	20	-	-	-
	ix) Education	3	5	8	2	6	8
	x) Others	16	5	21	5	5	10
4.	Post graduates - Total	17	21	38	6	3	9
	i) Arts	7	9	16	1	1	2
	ii) Science	2	7	9	5	2	7
	iii) Commerce	4	3	7	-	-	-
	iv) Engineering	-	-	-	-	-	-
	v) Medicine	4	-	4	-	-	-
	vi) Agriculture	-	-	-	-	-	-
	vii) Law	-	-	-	-	-	-
	viii) Education	-	2	2	-	-	-
	ix) Others	-	-	-	-	-	-
5.	Diploma holder in Engineering and Technology	77	5	82	36	2	38
	Grand Total	2,888	2,166	5,054	276	163	439

XXV. LABOUR AND EMPLOYMENT

101.a) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING 1989 REGISTRATION AND PLACEMENTS IN EMPLOYMENT BY LEVEL OF EDUCATION (Contd.)

Sr. No.	Level of Education	1st July to 31st Dec. 1989					
		Registrations			Placements		
		Ma- le	Fe- male	To- tal	Ma- le	Fe- male	To- tal
1	2	9	10	11	12	13	14
1.	Matriculates	1,227	833	2,060	181	106	287
2.	Persons who passed Higher Secondary (including Intermediate/Undergraduate)	141	135	276	17	9	26
3.	Graduates Total	291	267	558	17	17	34
	i) Arts	48	79	127	1	6	7
	ii) Science	58	73	131	1	2	3
	iii) Commerce	121	85	206	2	2	4
	iv) Engineering	37	2	39	2	-	2
	v) Medicine	10	11	21	4	-	4
	vi) Veterinary	-	-	-	-	-	-
	vii) Agriculture	2	-	2	3	-	3
	viii) Law	5	1	6	-	-	-
	ix) Education	3	9	12	2	6	8
	x) Others	7	7	14	2	1	3
4.	Post Graduates Total	29	31	60	3	5	8
	i) Arts	4	14	18	-	3	3
	ii) Science	17	15	32	2	1	3
	iii) Commerce	5	2	7	1	1	2
	iv) Engineering	-	-	-	-	-	-
	v) Medicine	3	-	3	-	-	-
	vi) Agriculture	-	-	-	-	-	-
	vii) Law	-	-	-	-	-	-
	viii) Education	-	-	-	-	-	-
	ix) Others	-	-	-	-	-	-
5.	Diploma holder in Engineering and Technology	76	8	84	7	-	7
	Grand Total	1,764	1,274	3038	225	137	362

XXV. LABOUR AND EMPLOYMENT

101.a) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING 1989 REGISTRATIONS AND PLACEMENTS IN EMPLOYMENT BY LEVEL OF EDUCATION (Concl'd.)

Sr. No.	Level of Education	No. of job seekers on the live register at the end of 1989		
		Male	Female	Total
	2	15	16	17
1.	Matriculates	25,943	14,628	40,571
2.	Persons who passed Higher Secondary (including Intermediate/Undergraduate)	6,025	2,366	8,391
3.	Graduates Total	3,202	3,119	6,321
	i) Arts	595	793	1,388
	ii) Science	591	605	1,196
	iii) Commerce	1,352	1,228	2,580
	iv) Engineering	211	14	225
	v) Medicine	129	73	202
	vi) Veterinary	19	-	19
	vii) Agriculture	19	1	20
	viii) Law	75	32	107
	ix) Education	190	353	543
	x) Others	21	20	41
4.	Post Graduates Total	182	200	382
	i) Arts	94	96	190
	ii) Science	55	86	141
	iii) Commerce	18	14	32
	iv) Engineering	-	-	-
	v) Medicine	13	2	15
	vi) Agriculture	-	-	-
	vii) Law	-	-	-
	viii) Education	-	-	-
	ix) Others	2	2	4
5.	Diploma holder in Engineering and Technology	754	42	796
	Grand Total	36,106	20,355	56,461

XXV. LABOUR AND EMPLOYMENT

101.b) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE
LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING
1990-REGISTRATIONS AND PLACEMENTS IN EMPLOYMENT
BY LEVEL OF EDUCATION

Sr. No.	Level of Education	1st Jan. to 30th June, 1990					
		Registrations			Placements		
		Ma- le 3	Fe- male 4	To- tal 5	Ma- le 6	Fe- male 7	To- tal 8
1.	Matriculates	1,610	984	2,594	136	35	171
2.	Intermediate/HSSC	397	290	687	12	8	20
3.	Graduates - Total	454	483	937	61	52	113
	i) Arts	98	184	282	-	10	10
	ii) Science	67	96	163	10	16	26
	iii) Commerce	213	156	369	18	23	41
	iv) Engineering	51	1	52	23	1	24
	v) Medicine	5	6	11	-	-	-
	vi) Veterinary	-	2	2	6	-	6
	vii) Agriculture	3	1	4	-	-	-
	viii) Law	4	2	6	-	-	-
	ix) Education	8	31	39	4	2	6
	x) Others	5	4	9	-	-	-
4.	Post Graduates - Total	22	25	47	1	3	4
	i) Arts	5	7	12	1	1	2
	ii) Science	4	11	15	-	1	1
	iii) Commerce	6	2	8	-	1	1
	iv) Engineering	-	-	-	-	-	-
	v) Medicine	6	5	11	-	-	-
	vi) Veterinary	-	-	-	-	-	-
	vii) Agriculture	-	-	-	-	-	-
	viii) Law	-	-	-	-	-	-
	ix) Education	-	-	-	-	-	-
	x) Others	1	-	1	-	-	-
5.	Diploma holder in Engineering and Technology	66	8	74	26	3	29
	Grand Total	2,549	1,790	4,339	236	101	337

XXV. LABOUR AND EMPLOYMENT

101.b) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING 1990-REGISTRATIONS AND PLACEMENTS IN EMPLOYMENT BY LEVEL OF EDUCATION (Contd.)

Sr. No.	Level of Education	1st July to 31st Dec. 1990					
		Registrations			Placements		
		Male	Female	Total	Male	Female	Total
1	2	9	10	11	12	13	14
1.	Matriculates	1,312	805	2,117	79	57	136
2.	Intermediate/HSSC	357	451	808	5	3	8
3.	Graduates-Total	442	299	741	9	8	17
	i) Arts	71	106	177	-	3	3
	ii) Science	59	56	115	-	1	1
	iii) Commerce	171	105	276	-	2	2
	iv) Engineering	73	1	74	9	1	10
	v) Medicine	10	9	19	-	-	-
	vi) Veterinary	1	-	1	-	-	-
	vii) Agriculture	6	2	8	-	-	-
	viii) Law	13	-	13	-	1	1
	ix) Education	7	14*	21	-	-	-
	x) Others	31	6	37	-	-	-
4.	Post Graduates-Total	44	39	83	-	3	3
	i) Arts	14	25	39	-	1	1
	ii) Science	16	9	25	-	1	1
	iii) Commerce	12	4	16	-	1	1
	iv) Engineering	-	-	-	-	-	-
	v) Medicine	2	1	3	-	-	-
	vi) Veterinary	-	-	-	-	-	-
	vii) Agriculture	-	-	-	-	-	-
	viii) Law	-	-	-	-	-	-
	ix) Education	-	-	-	-	-	-
	x) Others	-	-	-	-	-	-
5.	Diploma holder in Engineering and Technology	45	2	47	25	-	25
	Grand Total	2,200	1,596	3,796	118	71	189

XXV. LABOUR AND EMPLOYMENT

101.b) NUMBER OF APPLICANTS (MATRIC AND ABOVE) ON THE LIVE REGISTER OF THE EMPLOYMENT EXCHANGE DURING 1990-REGISTRATIONS AND PLACEMENTS IN EMPLOYMENT BY LEVEL OF EDUCATION (Concl'd.)

Sr. No.	Level of Education	No. of job seekers on the Live register at the end of 1990		
		Male 15	Female 16	Total 17
1.	Matriculates	27,873	15,433	43,306
2.	Intermediate/HSSC	6,420	2,817	9,237
3.	Graduates-Total	3,910	3,341	7,251
	i) Arts	851	897	1,748
	ii) Science	744	669	1,413
	iii) Commerce	1,606	1,433	3,039
	iv) Engineering	239	12	251
	v) Medicine	135	81	216
	vi) Veterinary	13	2	15
	vii) Agriculture	23	-	23
	viii) Law	84	28	112
	ix) Education	170	201	371
	x) Others	45	18	63
4.	Post Graduates - Total	188	241	429
	i) Arts	107	112	219
	ii) Science	34	110	144
	iii) Commerce	31	15	46
	iv) Engineering	-	-	-
	v) Medicine	16	2	18
	vi) Veterinary	-	-	-
	vii) Agriculture	-	-	-
	viii) Law	-	-	-
	ix) Education	-	-	-
	x) Others	-	2	2
5.	Diploma holder in Engineering and Technology	1,064	27	1,091
	Grand Total	39,455	21,859	61,314

XXV. LABOUR AND EMPLOYMENT

102. LOSS OF MANDAYS DUE TO STRIKES AND LOCKOUTS
FROM 1982 TO 1990

Year	No. of work stoppages due to		No. of workers involved		No. of Mandays lost	
	Strikes	Lock-outs	Strikes	Lock-outs	Strikes	Lock-outs
1	2	3	4	5	6	7
1982	14	-	916	-	47,610	-
1983	19	1	1,049	45	58,078	1,395
1984	24	5	7,782	591	90,157	2,864
1985	30	1	3,597	35	71,284	3,465
1986	27	4	4,583	1,190	1,79,619	74,550
1987	14	2	2,876	2,082	28,591	38,778
1988	11	-	3,278	-	37,092	-
1989	10	3	4,617	1,297	74,424	193,690
1990	8	2	3,015	200	1,74,395	12,100

XXV. LABOUR AND EMPLOYMENT

103. TRADE UNIONS DURING 1989 AND 1990

Sr. No.	Item	Year	
		1989 3	1990 4
1.	No. of Trade Unions :		
	a) Registered	140	147
	b) Submitting returns	87	100
2.	Membership at the end of the year	52,145	37,004 (P)
3.	Income including balance carried over from previous year (Rs. in lakhs)	52.60	54.66
4.	Expenditure (Rs. in lakhs)	24.00	24.40
5.	Balance of funds at the close of the year (Rs. in lakhs)	28.60	30.26

XXV. LABOUR AND EMPLOYMENT

104. DISTRIBUTION OF REGULAR EMPLOYEES OF THE STATE OF GOA BY BASIC PAY RANGES AS ON 31ST MARCH, 1989

Sr. No. 1	Basic pay ranges 2	No. of employees during 1988-89 3
1.	Below Rs. 800	1,635
2.	800 - 949	5,586
3.	950 - 1,099	4,250
4.	1,100 - 1,199	2,183
5.	1,200 - 1,349	2,877
6.	1,360 - 1,499	3,943
7.	1,500 - 1,749	4,079
8.	1,750 - 1,999	1,867
9.	2,000 - 2,299	1,485
10.	2,300 - 2,599	573
11.	2,600 - 2,999	398
12.	3,000 - 3,499	360
13.	3,500 - 4,499	292
14.	4,500 - 5,499	64
15.	5,500 - 6,499	25
16.	6,500 & above	4
	Total	29,621

XXV. LABOUR AND EMPLOYMENT

105. DISTRIBUTION OF EMPLOYEES OF THE STATE AND THE
CENTRAL GOVERNMENT BY CATEGORY FOR THE YEAR
1988-89

Sr. No. 1	Category 2	No. of employees during 1988-89 3
I.	State Government Employees	33,777
	1. <u>Regular</u>	29,621
	a) Gazetted	1,538
	i) Group A	738
	ii) Group B	800
	b) Non-gazetted	28,083
	i) Group B	174
	ii) Group C	19,247
	iii) Group D	8,662
	2. <u>Non-regular</u>	4,156
II.	Central Government Employees	5,465
	1. <u>Regular</u>	5,404
	a) Gazetted	185
	i) Group A	77
	ii) Group B	108
	b) Non-gazetted	5,219
	i) Group B	53
	ii) Group C	3,506
	iii) Group D	1,660
	2. <u>Non-regular</u>	61

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989

Sr. No.	Department/Office	1988 - 89		Total
		Regular	Non-regular	
1	2	3	4	5
STATE GOVERNMENT				
I. LAW AND ORDER				
1.	Fire Services	216	27	243
2.	Home Guards	25	-	25
3.	Prisons	126	-	126
4.	Law and Judiciary	280	12	292
5.	Prosecution	20	-	20
6.	Police	2,920	-	2,920
II. FINANCE AND REVENUE				
7.	Accounts	361	2	363
8.	Excise	224	-	224
9.	Entertainments	5	-	5
10.	Sales Tax	157	-	157
III. SECRETARIAT ADMINISTRATION				
11.	Raj Bhavan	43	9	52
12.	Secretariat	559	-	559
13.	Vigilance	17	-	17
IV. DISTRICT ADMINISTRATION				
14.	Municipal Administration	17	-	17
15.	Civil Registration	93	-	93
16.	Collector North Goa	701	-	701
17.	Collector South Goa	425	-	425

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Contd.)

Sr. No.	Department/Office	1988-89		Total
		Regular	Non-regular	
1	2	3	4	5
V. ECONOMIC SERVICES				
18.	Agriculture	824	98	922
19.	Animal Husbandry and Veterinary Services	499	238	737
20.	Forests	614	-	614
21.	Fisheries	246	9	255
22.	Industries and Mines	227	-	227
23.	Co-operation	215	-	215
24.	Planning, Statistics and Evaluation	154	-	154
25.	Computer Centre	32	-	32
VI. SOCIAL SERVICES				
26.	Information	68	2	70
27.	Health Services	2,587	10	2,597
28.	Medical College	1,652	97	1,749
29.	Dental College	75	12	87
30.	Pharmacy College	80	-	80
31.	Institute of Psychiatry	322	-	322
32.	Education	6,475	79	6,554
33.	Sports and Youth Affairs	91	6	97
34.	Government Polytechnic	205	-	205
35.	Engineering College	192	-	192
36.	Gazeteer	7	-	7
37.	Social Welfare	314	1,312	1,626
38.	Labour and Employment	603	29	632
39.	Architecture	19	-	19
40.	Tourism	94	-	94
41.	Historical Archives	98	-	98
42.	Inspectorate of Factories	68	-	68

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Contd.)

Sr. No.	Department/Office	1988-89		
		Regular	Non-regular	Total
1	2	3	4	5

VII. PUBLIC UTILITIES INFRA-STRUCTURAL & ALLIED SERVICES

43. Town and Country Planning	74	-	74
44. Electricity	3,076	-	3,076
45. Transport	138	9	147
46. Land Survey	210	-	210
47. Public Works	2,068	1,661	3,729
48. Captain of Ports	754	1	755
49. Irrigation	1,000	542	1,542
50. Weight and Measures	39	-	39
51. Government Printing Press	185	-	185
52. Civil Supplies & Price Control	116	-	116
53. Evacuee Property	5	1	6
54. Election	6	-	6
Total	29,621	4,156	33,777

CENTRAL GOVERNMENT

55. Audit Central	53	-	53
56. All India Radio	139	14	153
57. Archeology	35	1	36
58. Assistant Labour Commissioner	9	-	9
59. Income Tax	117	5	122
60. Census Operations	36	-	36

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Contd.)

Sr. No.	Department/Office	1988-89		Total
		Regular	Non-regular	
1	2	3	4	5
61.	Imports and Exports	19	-	19
62.	Central Plant Protection	8	-	8
63.	Central Public Works	49	-	49
64.	Posts	768	-	768
65.	Telecommunications & Telegraph	841	-	841
66.	Mines Safety	11	1	12
67.	INHS Jeevanti	59	1	60
68.	INHS Mandovi	173	-	173
69.	Dock Safety	3	1	4
70.	Mercantile Marine	7	-	7
71.	Goa Observatory	39	-	39
72.	National Sample Survey Organisation	8	-	8
73.	National Savings Organisation	9	-	9
74.	Press Information Bureau	12	-	12
75.	Controller of Mines	53	-	53
76.	Registrar of Companies	8	-	8
77.	Small Industries Service Institute	27	-	27
78.	Marine Products Export Development Agency	3	-	3
79.	Handicrafts Marketing and Service Extension	3	-	3
80.	Railways	718	-	718
81.	Central Electricity Authority	7	-	7
82.	3 Technical Training Regiment (2STC)	124	14	138

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Contd.)

Sr. No.	Department/Office	1988-89		Total
		Regular	Non-regular	
1	2	3	4	5
83.	3 Military Training Regiment (2STC) Navelim	152	-	152
84.	Naval Armament Depot	98	-	98
85.	Commander Works Engineering	63	-	63
86.	Headquarters 2 Signal Training Centre	44	6	50
87.	Military Hospital & Dental Centre	37	-	37
88.	5 Technical Training - Regiment (2STC)	91	14	105
89.	6 Technical Training Regiment (2STC)	131	-	131
90.	Mechanical Transport Company (2STC)	78	-	78
91.	Station Workshop EME	61	-	61
92.	Microwave Project	5	-	5
93.	429 Coy Army Supply Corps (SUP) "A"	33	-	33
94.	Assistant Defence Estate	9	1	10
95.	Iron and Manganese Ore Mines Welfare Organisation	103	-	103
96.	Garrison Engineer (Seabird)	54	-	54
97.	Enforcement	10	-	10
98.	Provident Fund	56	-	56
99.	Customs & Central Excise	501	3	504
100.	Wireless Monitoring	12	-	12

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Contd.)

Sr. No.	Department/Office	1988-89		Total
		Regular	Non-regular	
1	2	3	4	5
101.	Field Publicity	6	-	6
102.	Labour Enforcement	2	-	2
103.	Fisheries Survey of India	88	-	88
104.	Indian Council of Agricultural Research	62	-	62
105.	Television Relay Centre	20	-	20
106.	Workers Education Centre	12	-	12
107.	Export Inspection Agency	8	-	8
108.	Garrison Engineer	330	-	330
	Total	5,404	61	5,465

SEMI-STATE GOVERNMENT

109.	Caixa Economica de Goa	3	-	3
110.	Comunidades	63	-	63
111.	Economic Development Corporation	87	-	87
112.	Institute of Hotel Management, Catering Technology	38	-	38
113.	Goa Agriculture Produce Market Committee	34	-	34
114.	Secondary, Higher Secondary Education	47	-	47
115.	Goa Housing Board	59	11	70
116.	Goa State Co-operative Bank	191	-	191

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989(Contd.)

Sr. No.	Department/Office	1988-89		Total
		Regular	Non-regular	
1	2	3	4	5
117.	Industrial Development Corporation	192	-	192
118.	Institute Menezes Braganza	5	-	5
119.	Institute of Public Assistance	180	26	206
120.	Kala Academy	119	-	119
121.	Maharashtra State Financial Corporation	55	-	55
122.	Municipalities	1,063	42	1,105
123.	Citizen Co-operative Bank	17	-	17
124.	Goa Public Service Commission	17	2	19
125.	Urban-Co-operative Bank	754	-	754
126.	Rural Development Agency	101	-	101
127.	State Social Welfare Advisory Board	8	-	8
128.	Planning and Development Authorities	65	31	96
	Total	3,098	112	3,210
<u>SEMI-CENTRAL GOVERNMENT</u>				
129.	Alahabad Bank	12	-	12
130.	Bank of Baroda	405	-	405
131.	Bharat Earth Movers	11	-	11
132.	Canara Bank	448	-	448
133.	Central Bank of India	332	-	332

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989(Contd.)

Sr. No.	Department/Office	1988-89		
		Regular	Non-regular	Total
1	2	3	4	5
134.	Corporation Bank	268	-	268
135.	Central Institute of Food & Technology	18	-	18
136.	Dena Bank	163	-	163
137.	Employees Scheme Insurance Corporation	30	-	30
138.	Federal Bank	10	-	10
139.	Goa Shipyard	2,240	9	2,249
140.	Hindustan Petroleum Corporation	79	-	79
141.	Bank of India	589	8	597
142.	Indian Airlines	71	-	71
143.	Indian Bank	39	1	40
144.	Indian Overseas Bank	119	-	119
145.	Insurance Companies	484	-	484
146.	Food Corporation of India	106	-	106
147.	Research Bank of India	16	-	16
148.	Small Industrial Development Bank of India	7	-	7
149.	Vijaya Bank	37	-	37
150.	National Bank for Agriculture & Rural Development	11	-	11
151.	Karnataka Bank	35	-	35
152.	Khadi and Village Industries Commission	13	-	13
153.	Bank of Maharashtra	95	1	96

XXV. LABOUR AND EMPLOYMENT

106. DEPARTMENT/OFFICEWISE NUMBER OF EMPLOYEES OF GOA STATE AS ON 31ST MARCH, 1989 (Concl'd.)

No.	Department/Office	1988-89		Total
		Regular	Non-regular	
	2	3	4	5
54.	Mormugao Dock Labour Board	1,076	-	1,076
55.	Mormugao Port Trust	3,847	-	3,847
56.	Mineral Metal Trading Corporation	154	-	154
57.	Nehru Yuvak Kendra	4	-	4
58.	New Bank of India	10	-	10
59.	Oil Corporation	98	-	98
60.	Oriental Bank of Commerce	12	-	12
61.	Punjab National Bank	75	-	75
62.	Richardson and Cruddas	15	-	15
63.	Rubber Board	5	-	5
64.	State Bank of India	1,002	-	1,002
65.	Syndicate Bank	415	-	415
66.	South Indian Bank	8	-	8
67.	Sangli Bank	10	-	10
68.	State Bank of Mysore	8	-	8
69.	Union Bank of India	162	-	162
70.	United Commercial Bank	140	-	140
71.	United Western Bank	15	-	15
72.	United Bank of India	11	-	11
73.	Vysya Bank	11	-	11
	Total	12,716	19	12,735

XXVI. EDUCATION

107. NUMBER OF SCHOOLS, COLLEGES AND ENROLMENT DURING
THE ACADEMIC YEARS 1988-89 AND 1989-90

Sr. No.	Item	(In numbers)	
		Year	
1	2	1988-89 3	1989-90 4
I.	Primary level (Classes I-IV)		
	1.No. of schools at primary level		
	i) No. of primary schools (I-IV)	997	996
	ii) No. of middle schools having primary department (I-VII)	99	104
	iii) No. of high/higher secondary schools having primary department (I-X/I-XII)	147	150
	Total number of schools at primary level	1,243	1,250
	2. Enrolment of students	1,12,362	1,07,216
II.	Middle level (Classes V-VIII)		
	1.No. of schools at middle level		
	i) No. of middle schools (I/V-VII)	116	118
	ii) No. of secondary/higher secondary school having middle department	314	318
	Total number of schools at middle level	430	436
	2. Enrolment of students	85,751	84,840

XXVI. EDUCATION

07. NUMBER OF SCHOOLS, COLLEGES AND ENROLMENT DURING
THE ACADEMIC YEARS 1988-89 AND 1989-90 (Contd.)

(In numbers)

Sr. No.	Item	Year	
		1988-89	1989-90
	2	3	4
III. Secondary level (Classes VIII-X)			
	1. No. of schools at secondary level		
	i) No. of secondary schools	317	322
	ii) No. of higher secondary schools with secondary department	7	7
	Total number of schools at secondary level	324	329
	2. Enrolment of students	66,255	68,064
IV. Higher secondary level (Classes XI-XII)			
	1. No. of schools at higher secondary level		
	i) No. of higher secondary schools	37	39
	2. Enrolment of students	15,784	16,812
V. University colleges for general education			
	i) Number	13	15
	ii) Enrolment	9,682	10,341

XXVI. EDUCATION

107. NUMBER OF SCHOOLS, COLLEGES AND ENROLMENT DURING
THE ACADEMIC YEARS 1988-89 AND 1989-90 (Concl'd.)

Sr. No.	Item	(In numbers)	
		1988-89	1989-90
1	2	3	4

VI. University colleges for
professional education

i) Number	14	14
ii) Enrolment	2,553	2,545

VII. Institutions for technical
and professional education

1. Post metric level

i) Number	21	21
ii) Enrolment	3,458	3,518

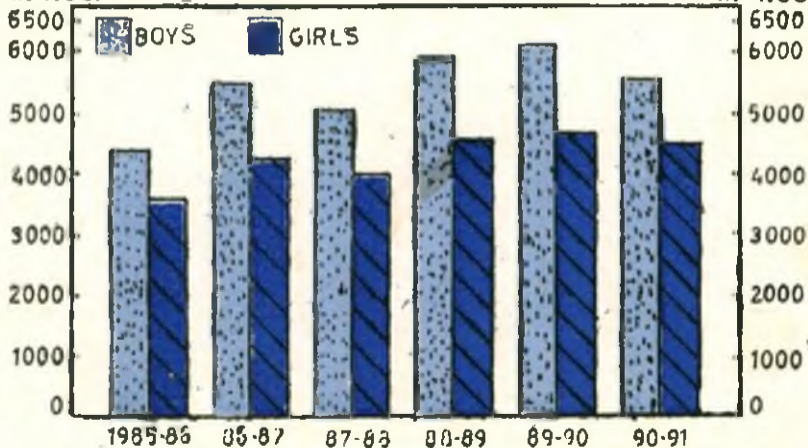
2. School level

i) Number	8	9
ii) Enrolment	2,050	2,390

OUT TURN OF METRICULATES BY SEX

IN NOS.

IN NOS.



XXVI. EDUCATION

**108. SEX-WISE OUT-TURN OF MATRICULATES DURING THE YEARS
1975-76 TO 1990-91**

Year 1	No. of students passed		
	Boys 2	Girls 3	Total 4
1975-76	2,950	1,964	4,914
1976-77	3,201	2,184	5,385
1977-78	3,068	2,207	6,275
1978-79	2,994	2,098	5,092
1979-80	3,369	2,508	5,877
1980-81	3,431	2,601	6,032
1981-82	3,660	2,682	6,342
1982-83	4,271	3,392	7,663
1983-84	4,400	3,620	8,020
1984-85	4,635	3,778	8,413
1985-86	4,477	3,564	8,041
1986-87	5,554	4,335	9,889
1987-88	5,186	4,045	9,231
1988-89	5,945	4,608	10,553
1989-90	6,209	4,612	10,821
1990-91	5,594	4,477	10,071

XXVI. EDUCATION

109. OUT-TURN OF GRADUATES AND POST GRADUATES DURING
1989-90 AND 1990-91

Sr. No.	Degree Course	1989-90	1990-91 *
1	2	3	4
1.	B.A.	558	558
2.	B.Sc	426	354
3.	B.Com.	1089	716
4.	M.B.B.S.	64	17
5.	B.Pharm.	16	17
6.	B.E.	181	100
7.	B.D.S.	30	23
8.	B.Architech	19	11
9.	L.L.B. (Gen.) (II year)	54	29
10.	L.L.B.	49	13
11.	B.Ed.	104	94
12.	Bachelor in Fine Arts	36	32
13.	M.A.	166	84
14.	M.Sc.	79	73
15.	M.Com.	52	41
16.	M.D.)		
17.	M.S.)	40	21
18.	M.Pharm.	-	-
19.	M.Ed.	3	not declared

* Pertains to 1st half of 1991.

XXVI. EDUCATION

110. NUMBER OF SPORTS COACHING CAMPS ORGANISED AND PARTICIPANTS DURING 1989-90 AND 1990-91

Sr. No.	Type of games played	1989-90		1990-91	
		Camps organised	Participants	Camps organised	Participants
	2	3	4	5	6
1.	Athletics	3	72	17	491
2.	Football	17	426	15	478
3.	Basketball	4	226	7	311
4.	Volleyball	2	46	16	291
5.	Badminton	-	-	-	-
6.	Kabaddi/Kho-kho	5	106	13	361
7.	Weightlifting	3	60	2	80
8.	Hockey	3	66	2	48
9.	Table Tennis	2	22	2	24
	Total	39	1,024	74	2,084

XXVI. EDUCATION

114. NUMBER OF LIBRARIES, NEWSPAPERS AND PERIODICALS
DURING THE YEARS 1987-88 AND 1988-89

Sr. No.	Item	1987-88	1988-89
1	2	3	4
1.	Libraries	112	112
2.	Books existing	4,08,700	4,08,720
3.	No. of times books consulted	6,10,200	6,10,230
4.	Readers visiting the libraries	11,05,500	11,05,490
5.	Newspapers and other periodicals	34	34
	a) Konkani	12	12
	b) Marathi	11	11
	c) English	7	7
	d) Marathi and English	1	1
	e) Marathi and Konkani	1	1
	f) Konkani and English	1	1
	g) Urdu	1	1

XXVI. EDUCATION

112. PERFORMANCES OF CINEMA HOUSES DURING
1987-88 AND 1988-89

Sr. No.	Item	Year	
		1987-88	1988-89
1	2	3	4
1.	No. of Cinema houses	26	24
2.	No. of seats		
	a) Total	15,485	15,683
	b) In use	15,238	15,666
3.	No. of films exhibited	3,103	2,758
	a) Indian	2,624	1,955
	b) European	260	239
	c) American	148	143
	d) Others	71	421
4.	No. of shows performed	19,987	19,309
	a) Indian	17,993	16,904
	b) European	898	989
	c) American	611	746
	d) Others	485	670
5.	Tickets sold :		
	a) Number of tickets (in lakhs)	68.80	38.14
	b) Income from tickets (Rs. in lakhs)	142.51	69.06
6.	Entertainment tax collected (Rs. in lakhs)	93.27*	79.42*

* Includes taxes on video libraries also.

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

113. NUMBER OF MEDICAL INSTITUTIONS AND THEIR ACTIVITIES
DURING 1989-90 AND 1990-91

Sr. No.	Item	1989-90	1990-91
1	2	3	4
1.	Government hospitals		
a)	Number	31	31
b)	Patients treated outdoor	6,50,148	8,62,184
c)	Patients treated indoor	61,423	63,694
d)	Beds	2,394	2,396
e)	Deliveries conducted	9,075	9,459
2.	Private hospitals		
a)	Number	88	92
b)	Beds	1,440	1,575
3.	Rural Medical Dispensaries		
a)	Number	28	28
b)	Patients treated	1,48,584	1,38,403
4.	Health centres		
a)	Urban Health Centres	5	5
b)	Primary Health Centres	20	20
c)	Sub-Centres	170	175
d)	Patients treated in Urban Health Centres (outdoor)	36,885	16,925
5.	Dental clinics (Government)		
a)	Number	17	17
b)	New Cases	25,049	22,465
c)	Total attendance	40,934	37,908
d)	Students covered under dental check up in the school	5,324	7,811
6.	Maternity & Child Welfare Centres		
i)	M.C.W. Centres including Dais Centres	27	27

XXVII PUBLIC HEALTH AND VITAL STATISTICS

113. NUMBER OF MEDICAL INSTITUTIONS AND THEIR ACTIVITIES
DURING 1989-90 AND 1990-91 (Contd.)

Sr. No.	Item	1989-90	1990-91
1	2	3	4
	ii) Assistance provided to :		
	a) Pregnant nursing mothers	15,335	20,337
	b) Infants and children upto five years	39,628	32,603
7.	Family Welfare Programme		
	a) Family Welfare Centres	262	267
	i) Urban	12	12
	ii) Rural	250	255
	b) Sterilisations	4,569	4,341
	i) Males	59	47
	ii) Females	4,510	4,294
	c) Inter Uterine Device(IUD) insertions	3,695	3,533
	d) Contraceptive Users(CCU)	14,762	14,167
	e) Post Partum Centres	4	4
	f) M.T.P. Centres (Govt.)	12	12
	g) M.T.P. Centres (Private)	37	39
	h) M.T.P. cases performed	1,482	1,407
8.	T.B. Control Programme		
	a) New cases detected	3,075	3,119
	b) B.C.G. Vaccinations	21,719	20,840

XXVII PUBLIC HEALTH AND VITAL STATISTICS

113. NUMBER OF MEDICAL INSTITUTIONS AND THEIR ACTIVITIES
DURING 1989-90 AND 1990-91 (Concl'd.)

Sr. No.	Item	1989-90	1990-91
1	2	3	4
9. National Malaria Eradication Programme			
a)	Blood smears collected under active surveillance	47,804	47,808
b)	Blood smears collected under passive surveillance	34,302	41,983
c)	Blood smears collected under mass survey surveillance	13,011	8,975
d)	Total positive cases detected	3,709	5,367
10. National Filariasis Control Programme			
a)	Persons examined in night blood survey	36,673	35,560
b)	New carriers detected and treated	52	55
c)	Old carriers detected and treated	14	6
d)	Persons with external manifestation (new cases)	56	37
e)	Persons examined and treated at O.P.D. Filariasis Clinics	983	511
f)	Domiciliary visits carried out	11,218	13,069
11. Sexually Transmitted Diseases Control Programme			
a)	Attendance at S.T.D. Clinics	1,638	1,559
b)	Persons examined	1,321	1,145
c)	Persons found positive	114	84
d)	Attendance at periphery	2,907	2,508
12. Leprosy Control Programme			
a)	Population surveyed	2,59,576	2,14,877
b)	New cases detected	356	505
c)	Cases registered for treatment	465	505

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

114. MONTHWISE PROGRESS OF FAMILY WELFARE PROGRAMME
DURING 1989-90

Sr. No.	Month	(In numbers)		
		Sterilisations performed	Inter Uterine Devise (I.U.D.) adopted	Condom packets distributed
1	2	3	4	5
1.	April, 89	235	168	69,585
2.	May, 89	261	183	71,952
3.	June, 89	331	303	83,610
4.	July, 89	404	246	84,098
5.	August, 89	370	279	88,775
6.	September, 89	399	241	87,568
7.	October, 89	389	210	91,468
8.	November, 89	322	233	98,054
9.	December, 89	489	237	94,498
10.	January, 90	554	356	95,796
11.	February, 90	393	633	98,118
12.	March, 90	422	606	99,371
	Total	4,569	3,695	10,62,893

XXVII PUBLIC HEALTH AND VITAL STATISTICS

115. TALUKAWISE TARGETS AND ACHIEVEMENTS UNDER FAMILY WELFARE PROGRAMME DURING 1989-90

Sr. No.	State/ District/ Taluka	FAMILY PLANNING METHODS							
		Sterilisations performed		Intra Uterine Device (IUD) adopted		Oral CC. users		Contraceptives O P users	
1	2	Tar-get 3	Achie-vement 4	Tar-get 5	Achie-vement 6	Tar-get 7	Achie-vement 8	Tar-get 9	Achie-vement 10
	GOA STATE	4500	4569	3500	3695	12000	14762	2000	2054
	NORTH GOA	2520	2651	1940	2218	6700	9430	1120	1167
1.	Tiswadi	930	836	830	900	1600	2900	270	242
2.	Bardez	640	712	530	571	2000	3309	300	321
3.	Pernem	200	227	150	182	900	603	150	166
4.	Bicholim	270	319	150	168	700	903	150	160
5.	Satari	170	216	80	37	600	715	50	58
6.	Ponda	310	341	200	360	900	1000	200	220
	SOUTH GOA	1980	1918	1560	1477	5300	5332	880	887
1.	Sanguem	230	260	150	191	600	602	120	132
2.	Canacona	160	141	100	66	500	488	120	82
3.	Quepem	460	457	230	308	1600	1495	300	353
4.	Salcete	580	446	660	417	1300	925	170	121
5.	Mormugão	550	614	420	495	1300	1822	170	199

XXVII PUBLIC HEALTH AND VITAL STATISTICS

116. PROGRESS OF NATIONAL TUBERCULOSIS CONTROL PROGRAMME
DURING 1989 AND 1990

Sr. No.	Item	1989	1990
1	2	3	4
1.	Total X-Ray examinations	14,362	15,804
	a) New	12,981	14,128
	b) Old	1,381	1,676
2.	Total sputum examination	13,540	11,694
	a) New	12,321	10,612
	b) Old	1,219	1,082
3.	New pulmonary cases detected	2,906	3,079
	a) Sputum positive	937	901
	b) Sputum negative	1,969	2,178
4.	New extra pulmonary cases	106	77
5.	Total (3 to 4)	3,012	3,156
6.	New cases from outside Goa	38	45
7.	Patients under treatment at the end of the year	4,635	4,749
8.	Patients who have completed treatment	455	1,176
9.	Patients dead	58	82

XXVII. PUBLIC AND VITAL STATISTICS

117. MONTHWISE AND AGE GROUPWISE B.C.G. VACCINATIONS
DURING 1989-90

Sr. No.	Month	Below 1 year	1 - 2 year	Total
1	2	3	4	5
1.	April, 89	1,585	54	1,639
2.	May, 89	1,084	33	1,117
3.	June, 89	1,560	28	1,588
4.	July, 89	1,545	35	1,580
5.	August, 89	1,113	102	1,215
6.	September, 89	1,705	18	1,723
7.	October, 89	1,594	33	1,627
8.	November, 89	1,914	114	2,028
9.	December, 89	1,746	50	1,796
10.	January, 90	2,129	42	2,171
11.	February, 90	1,743	793	2,536
12.	March, 90	1,836	863	2,699
	Total	19,554	2,165	21,719

Note : Vaccinations for children of 3 years and above have been discontinued.

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

118. GENERAL INFORMATION ABOUT THE INSTITUTE OF
PSYCHIATRY AND HUMAN BEHAVIOUR FOR THE YEARS
1989 AND 1990

No	Particular	1989	1990
	2	3	4
1.	No. of hospitals functioning	1	1
2.	No. of doctors	29	30
3.	No. of Nurses	70	70
4.	No. of beds	272	272
5.	No. of indoor patients	2,042	2,180
	i) Male	1,193	1,334
	ii) Female	849	846
6.	No. of outdoor patients	44,837	41,889
	i) Male	20,300	19,316
	ii) Female	24,537	22,573
7.	No. of Patients discharged	2,039	2,187
	i) Male	1,196	1,327
	ii) Female	843	860
8.	No. of deaths occurred in the hospital	6	7
	i) Male	3	4
	ii) Female	3	3
9.	No. of patients escaped from hospital	19	19
	i) Male	17	17
	ii) Female	2	2
10.	Bed occupancy rate	74.30%	78.29%

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

119. SEX-WISE NUMBER OF DRUG ADDICTS TREATED IN
THE INSTITUTE OF PSYCHIATRY AND HUMAN
BEHAVIOUR FOR THE YEARS 1983
TO 1990

Year 1	Males 2	Females 3	Total 4
1983	32	15	47
1984	35	5	40
1985	80	-	80
1986	85	4	89
1987	25	1	26
1988	41	1	42
1989	25	-	25
1990	10	-	10

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

120. GENERAL INFORMATION ABOUT THE CANCER HOSPITAL
FOR THE YEARS 1988 AND 1989

Sr. No.	Particulars	Year	
		1988	1989
1	2	3	4
1.	No. of cancer hospitals functioning	1	1
2.	No. of doctors	4	4
3.	No. of nurses	5	5
4.	No. of beds	36	36
5.	No. of in-door patients	37	-
	i) Male	23	-
	ii) Female	14	-
6.	No. of out-door patients	162	8
	i) Male	97	6
	ii) Female	65	2
7.	No. of operations performed	-	-
	i) Major	-	-
	ii) Minor	-	-
8.	No. of camps organised	-	-
9.	No. of deaths occurred in the hospitals	-	-
	i) Male	-	-
	ii) Female	-	-

XXVII. PUBLIC HEALTH AND VITAL STATISTICS

121. VITAL STATISTICS FOR THE YEARS FROM 1981 TO 1990

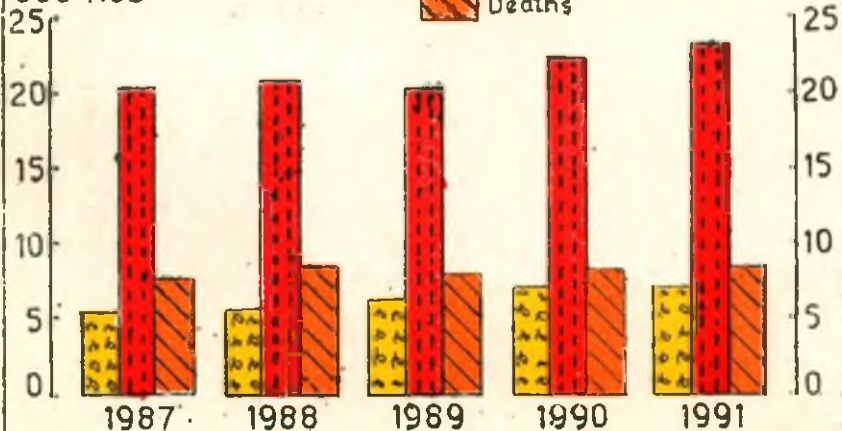
Year	No. of marriages	No. of normal live births	Birth rate*	Number of still births	Number of normal deaths	Death rate*
1	2	3	4	5	6	7
1981	5,197	21,929	21.61	317	7,249	7.14
1982	5,026	21,596	20.83	330	7,264	7.01
1983	5,189	21,817	20.63	288	7,727	7.31
1984	4,898	21,215	19.66	291	7,546	6.99
1985	5,744	20,916	19.00	237	7,437	6.76
1986	3,799	21,300	18.98	200	7,127	6.35
1987	5,540	20,859	18.24	226	7,682	6.72
1988	5,773	20,914	17.95	187	8,839	7.59
1989	6,253	20,501	17.28	213	8,077	6.81
1990	7,038	22,258	18.43		8,218	6.80

* Per thousand population

VITAL STATISTICS



'000' NOS



XXVIII. HOUSING

122 a). BUILDING WORKS SANCTIONED IN PRIVATE SECTOR
1989-90

Sr. No.	Classification	No. of plans	Plinth area (Sq. mts.)	(In urban areas)	
				Floor area (Sq. mts.)	Estimated cost (Rs. in lakhs)
1	2	3	4	5	6
I.	RESIDENTIAL BUILDINGS				
	1. New Constructions	512	85,132	1,47,171	1,873.54
	2. Alterations & additions	101	13,402	17,150	196.61
II.	INDUSTRIAL BUILDINGS				
	1. New constructions	6	1,568	1,576	14.84
	2. Alterations & additions	3	1,070	682	8.40
III.	COMMERCIAL BUILDINGS				
	1. New constructions	52	17,369	25,366	393.71
	2. Alterations & additions	6	644	1,029	5.55
IV.	INSTITUTIONAL BUILDINGS				
	1. New constructions	4	3,643	2,010	23.75
	2. Alterations & additions	3	1,129	3,899	52.40
V.	OTHER BUILDINGS				
	1. New constructions	12	538	464	1.56
	2. Alterations & additions	1	61	50	0.25
	TOTAL				
	1. New constructions	586	1,08,250	1,76,587	2,307.40
	2. Alterations & additions	114	16,306	22,810	263.21

XXVIII. HOUSING

122 b). BUILDING WORKS SANCTIONED IN PRIVATE SECTOR
1989-90

Sr. No.	Classification	No. of plans	(In rural area)		Estimated cost (Rs. in lakhs)
			Plinth area (Sq. Mts.)	Floor area (Sq. Mts.)	
1	2	3	4	5	6
I.	RESIDENTIAL BUILDINGS				
	1. New constructions	988	1,29,169	1,73,720	3,134.57
	2. Alterations & additions	179	18,928	21,215	142.06
II.	INDUSTRIAL BUILDINGS				
	1. New constructions	28	5,019	4,767	53.68
	2. Alterations & additions	4	5,471	5,825	32.21
III.	COMMERCIAL BUILDINGS				
	1. New constructions	50	11,251	8,208	79.06
	2. Alterations & additions	2	286	536	0.96
IV.	INSTITUTIONAL BUILDINGS				
	1. New constructions	6	1,518	1,708	25.35
	2. Alterations & additions	1	135	115	0.82
V.	OTHER BUILDINGS				
	1. New constructions	33	1,852	1,629	14.40
	2. Alterations & additions	2	65	52	0.14
	TOTAL				
	1. New constructions	1,105	1,48,809	1,90,032	3,307.6
	2. Alterations & additions	188	24,885	27,743	176.19

XXVIII. HOUSING

123. BUILDING CONSTRUCTION COST INDEX NUMBERS FOR LOW
INCOME GROUP RESIDENTIAL HOUSES IN PANAJI TOWN
FOR THE YEAR 1989

Base 1971 = 100

Sr. No.	Item	Weight	Quarter ending				Year ending 1989
			March 1989	June 1989	Sept. 1989	Dec. 1989	
1	2	3	4	5	6	7	8
1.1	BUILDING MATERIAL	73.43	912	933	952	983	945
2.1.1	Bricks and laterite stones	11.54	510	510	510	553	521
3.1.2	Sand	2.38	632	632	641	641	637
4.1.3	River gravel and stone ballast	1.11	553	554	571	571	562
5.1.4	Cement and lime	13.40	457	567	607	607	560
6.1.5	Timber	18.96	1,989	1,979	1,979	2,059	2002
7.1.6	Iron & Steel	4.07	576	579	586	586	582
8.1.7	Steel glass and tiles	6.69	616	655	695	742	677
9.1.8	A.C. sheets	4.48	537	613	613	613	594
10.1.9	Paints and distemper	1.97	455	455	497	497	476
11.1.10	Sanitary and water supply fittings	8.83	605	605	614	615	610
12.2	LABOUR	26.57	650	650	650	712	666
13.2.1	Skilled labour	17.21	542	542	542	638	566
14.2.1.1	Mason	10.34	501	501	501	587	523
15.2.1.2	Carpenter	6.87	604	604	604	714	632
16.2.2	Unskilled labour	9.36	848	848	848	848	848
17.3	BUILDING COST INDEX	100.00	842	858	872	911	870

XXVIII. HOUSING

124. BUILDING CONSTRUCTION COST INDEX NUMBERS FOR
LOW INCOME GROUP RESIDENTIAL HOUSES IN PANAJI
TOWN FROM 1971 TO 1991

Year	Index numbers of		
	Building materials	Labour	Building cost Index
1	2	3	4
1971 (Base Year)	100	100	100
1972	110	101	108
1973	119	102	114
1974	152	111	142
1975	174	128	162
1976	179	141	169
1977	181	143	170
1978	212	158	197
1979	238	165	219
1980	287	209	267
1981	335	255	313
1982	399	274	366
1983	469	328	431
1984	549	362	499
1985	606	438	561
1986	649	516	613
1987	747	535	691
1988	816	635	768
1989	945	666	870
1990	1,092	712	991
1991	N.A.	N.A.	N.A.

XXIX. GENERAL ELECTIONS

25. RESULTS OF GENERAL ELECTIONS IN THE STATE DURING
1989-90

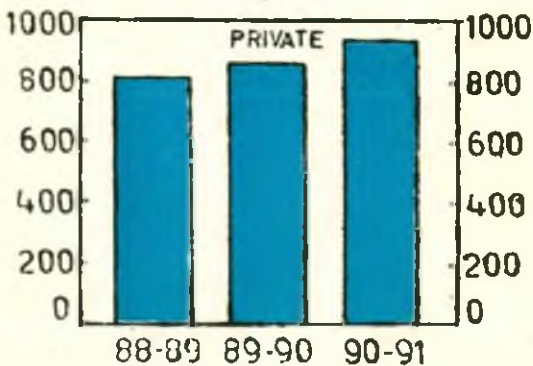
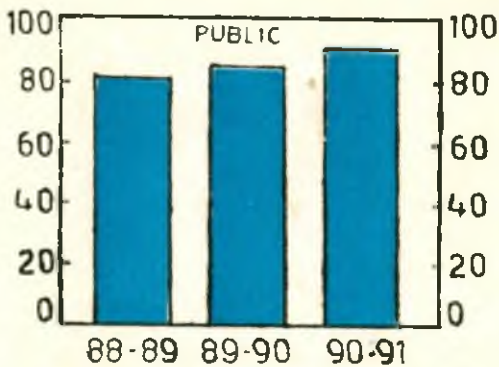
Item	Lok Sabha	Vidhan Sabha
2	3	4
Total number of seats	2	40
Total number of candidates contested	33	252
Partywise position :-		
a) Indian National Congress(INC)		
i) Sponsored	2	40
ii) Elected	2	20
b) Maharashtrawadi Gomantak Party(MGP)		
i) Sponsored	2	33
ii) Elected	-	18
c) Gomant Lok Pokx (GLP)		
i) Sponsored	1	11
ii) Elected	-	-
d) Gomantak Bahujan Samaj Parishad (GBSP)		
i) Sponsored	2	8
ii) Elected	-	-
e) Bharatya Janata Party (BJP)		
i) Sponsored	2	8
ii) Elected	-	-
f) Shiv Sena (S.S.)		
i) Sponsored	-	7
ii) Elected	-	-
g) Doordarshi Party (D.P.)		
i) Sponsored	1	-
ii) Elected	-	-

XXIX. GENERAL ELECTIONS

125. RESULTS OF GENERAL ELECTIONS IN THE STATE DURING
1989-90 (Concl'd.)

Sr. No.	Item	Lok Sabha	Vidhan Sabha
1	2	3	4
	g) Janta Dal (JD)		
	i) Sponsored	1	6
	ii) Elected	-	-
	h) Communist Party of India (Marxist)(CPIM)		
	i) Sponsored	-	4
	ii) Elected	-	-
	i) Communist Party of India (CPI)		
	i) Sponsored	2	4
	ii) Elected	-	-
	j) Janata Party (JP)		
	i) Sponsored	-	3
	ii) Elected	-	-
	k) Independents (IND)		
	i) Sponsored	18	128
	ii) Elected	-	2
	l) Lok Dal		
	i) Sponsored	2	-
	ii) Elected	-	-
4.	Number of electors	7,68,727	7,33,976
5.	Number of votes polled	3,19,668	5,15,525
6.	Number of valid votes polled	3,14,608	5,04,205
7.	Number of votes rejected	5,060	12,320
8.	Percentage of elector's voting(Valid)	40.93	68.70

JOINT STOCK COMPANIES AT WORK



XXX. JOINT STOCK COMPANIES

126. NUMBER OF JOINT STOCK COMPANIES (LIMITED BY SHARES)
AT WORK FROM 1979-80 TO 1990-91

Year 1	Type of Company		Total 4
	Public 2	Private 3	
1979-80	35	295	330
1980-81	38	331	369
1981-82	43	378	421
1982-83	43	412	455
1983-84	42	454	496
1984-85	41	494	576
1985-86	44	587	631
1986-87	46	638	684
1987-88	51	713	764
1988-89	81	815	896
1989-90	85	863	948
1990-91	91	932	1,023

XXX. JOINT STOCK COMPANIES

127. JOINT STOCK COMPANIES (LIMITED BY SHARES)
REGISTERED DURING 1988-89 AND 1989-90

Sr. No.	Industry	(Rs. in lakhs)					
		1988-89			1989-90		
		Pub. Ltd. (Nos.)	Pvt. Ltd. (Nos.)	Authorised capital (Nos.)	Pub. Ltd. (Nos.)	Pvt. Ltd. (Nos.)	Authorised Capital (Nos.)
1	2	3	4	5	6	7	8
1.	Agricultural Hunting, Forestry & Fishing	-	5	71.00	-	1	15.00
2.	Manufacturing	5	85	629.70	2	15	294.00
3.	Electricity Gas and Water	-	-	-	-	1	25.00
4.	Constructions	1	8	169.00	-	8	53.00
5.	Wholesale and retail trade and restaurants & Hotels	-	11	194.00	1	7	251.00
6.	Transport, storage and Communication	3	2	275.00	-	6	181.00
7.	Financing Insurance Real Estate and Business Service	1	9	142.50	-	8	135.00
8.	Community social and personal services	-	5	16.50	-	7	570.00
9.	Activities not adequately defined	-	1	5.00	-	1	5.00
	Total	10	126	1502.70	3	54	1529.00

XXXI. MISCELLANEOUS

12B. PROGRESS OF NATIONAL SAVINGS ORGANISATION IN
THE STATE DURING 1988-89 AND 1989-90

Sr. No.	Item	(Rs. in lakhs)	
		1988-89	1989-90
1	2	3	4
1. Post Office Savings A/cs			
	a) Gross	477.00	351.98
	b) Net	(-)71.00	(-)538.70
2. Post Office Recurring Deposits			
	a) Gross	437.00	509.43
	b) Net	171.00	160.72
3. Post Office Cumulative Time Deposits			
	a) Gross	58.00	48.16
	b) Net	(-)42.00	(-)54.14
4. Post Office Time Deposits			
	a) Gross	21.00	75.19
	b) Net	5.00	(-)336.91
5. 7 Year National Savings Certificate (II issue)			
	a) Gross	1.00	-
	b) Net	-	-
6. 6 Year National Savings Certificate (VI issue)			
	a) Gross	1,020.00	-
	b) Net	727.00	-

XXXI. MISCELLANEOUS

128. PROGRESS OF NATIONAL SAVINGS ORGANISATION IN
THE STATE DURING 1988-89 AND 1989-90 (Contd.)

(Rs. in lakhs)

Sr. No.	Item	1988-89	1989-90
1	2	3	4
7.	6 Year National Savings Certificate (VIIth issue)		
	a) Gross	81.00	-
	b) Net	15.00	-
8.	6 Year National Savings Certificate (VIIIth issue)		
	a) Gross	-	642.06
	b) Net	-	642.06
9.	Social Security Certificate		
	a) Gross	1.00	0.35
	b) Net	1.00	0.35
10.	Indira Vikas Patra		
	a) Gross	804.00	2,641.82
	b) Net	804.00	2,641.82
11.	National Savings Scheme		
	a) Gross	428.00	815.80
	b) Net	428.00	815.80
12.	Monthly Income Scheme		
	a) Gross	244.00	302.31
	b) Net	244.00	302.31

XXXI. MISCELLANEOUS

128. PROGRESS OF NATIONAL SAVINGS ORGANISATION IN
THE STATE DURING 1988-89 AND 1989-90 (Concl'd.)

Sr. No.	Item	(Rs. in lakhs)	
		1988-89	1989-90
1	2	3	4
13. Kissan Vikas Patra			
	a) Gross	606.00	1,350.21
	b) Net	606.00	1,350.21
14. Public Provident Fund			
	a) Gross	365.00	442.47
	b) Net	301.00	422.95
15. Deposit Scheme for Retiring Government Employees			
	a) Gross	-	4.72
	b) Net	-	4.72
16. Encashment of discontinued Securities			
		(-)25.00	(-)552.93
Total			
	a) Gross	4,543.00	7,184.50
	b) Net	3,154.00	4,857.96

XXXI. MISCELLANEOUS

129. QUANTITY OF FOOD GRAINS AND SUGAR RECEIVED FROM THE GOVERNMENT OF INDIA (CENTRAL STOCK) AND DISTRIBUTED DURING 1988-89 AND 1989-90

Year	Particulars	(In tonnes)			
		Food grains		Total	Sugar
		Rice	Wheat	(3+4)	
1	2	3	4	5	6
1988-89	Opening stock	N.A.	N.A.	N.A.	163.2
	Quantity received during the year	N.A.	N.A.	N.A.	6,225.0
	Sub- Total	N.A.	N.A.	N.A.	6,388.2
	Less closing balance	N.A.	N.A.	N.A.	984.7
	Total quantity supplied during the year	N.A.	N.A.	N.A.	5,403.5
1989-90	Opening stock	899	224	1,123	984.7
	Quantity received during the year	45,356	26,298	71,654	6,075.0
	Sub-Total	46,255	26,522	72,777	7,059.7
	Less closing balance	210	1,795	2,005	795.6
	Total quantity supplied during the year	* 46,038	*24,724	*70,762	6,264.1

* Difference is to be adjusted against shortages.

XXXI. MISCELLANEOUS

130. PROGRESS OF SOCIAL WELFARE PROGRAMME DURING
1989-90 AND 1990-91

Sr. No.	Item	1989-90	1990-91
1	2	3	4
1.	Integrated child development scheme (I.C.D.S.)	11	11 977
2.	a) Anganwadis under ICDS programme	981	32,799
	b) Beneficiaries	34,685	
3.	Beneficiaries covered under special nutrition programme (children, pregnant women & lactating mothers)	43,328	41,695
4.	a) Institutions assisted under the scheme of welfare of children in need of care & protection	7	8 448
	b) Children benefitted	403	173
5.	Housing for scheduled caste families	98	
6.	Economic betterment programme for scheduled caste families	200	200
7.	Education programme for scheduled caste students including books, stationery and uniforms	2,665	2,222
8.	Post matric scholarships for SC/ST students	137	129
9.	Couples awarded for intercaste marriages	2	2
10.	Persons granted loans for social security & welfare	-	*
11.	Handicapped persons benefitted by welfare programme	775	1,827

* No target was fixed for loans component

** Inclusive of old age pension cases

XXXI. MISCELLANEOUS

131 PHYSICAL ACHIEVEMENTS UNDER THE NEW 20-POINT PROGRAMME FROM APRIL 1989 TO MARCH 1990

Point No.	Item	Unit	Annual target 1989-90	Achievement up to the end of March '90	Percentage of achievement to target
1	2	3	4	5	6
1. Rural Development Programme					
i)	Integrated Rural Development Programme	No. of beneficiaries	3,807	3,858	101.3
ii)	Jawahar Rojgar Yojana (merged with NREP and RLEGP)	Mandays in lakhs)	10.52	8.04	76.4
iii)	Small Scale Industrial Units	No. of Units	250	322	128.8
2. Clean Drinking Water					
i)	Villages covered	Number	34	58	170.6
ii)	Population covered				
a)	Total	Number	10,000	47,194	471.9
b)	SC/ST	"	-	-	-
3. Health for all					
i)	Primary Health Centres	Number	1	1	100.0
ii)	Sub-Centres	"	2	2	100.0
iii)	Immunisation of children (Polio)	"	17,300	17,226	99.6
4. Two Child Norm					
i)	Sterilisation	Number	4,500	4,569	101.5
ii)	Equivalence of IUD	"	3,500	3,695	105.6
iii)	ICDS Blocks (cum.)	"	11	11	100.0
iv)	Anganwadis (cum.)	"	1,100	1,068	97.1

XXXI. MISCELLANEOUS

131. PHYSICAL ACHIEVEMENTS UNDER THE NEW 20-POINT PROGRAMME FROM APRIL 1989 TO MARCH 1990 (Concl'd.)

Point No.	Item	Unit	Annual target 1989-90	Achievement up to the end of March '90	Percentage of achievement to target
1	2	3	4	5	6
5.	Justice to Scheduled Castes and Scheduled Tribes				
	i) SC families assisted	Number	920	1,033	112.3
6.	Housing for the people				
	i) Provision of house - sites	Number	200	164	82.0
	ii) Construction assistance	"	200	197	98.5
	iii) Indira Awaas Yojana for SC/ST	"	100	95	95.0
	iv) E.W.S. houses	"	160	160	100.0
	v) L.I.G. houses	"	120	120	100.0
7.	Improvement of slums				
	Slum population covered with seven basic amenities	Number	200	800	400.0
8.	New Strategy for forestry				
	Tree plantation	No. in lakhs	75.00	76.22	101.6
9.	Concern for the consumer				
	Fair Price Shops opened	No.	10	13	130.0
10.	Energy for the villages				
	i) Villages electrified (Wadas)	Number	30	30	100.0
	ii) Pumpsets energised	"	-	287	-
	iii) Improved chullas	"	10,000	11,200	112.0
	iv) Bio-gas plants	"	250	250	100.0

XXXI. MISCELLANEOUS

132. ACTIVITIES OF THE OFFICE OF THE CONTROLLER OF WEIGHTS AND MEASURES DURING THE YEARS 1989-90 AND 1990-91

Sr. No.	Item	Year	
		1989-90	1990-91
1	2	3	4
1.	Number of Offices/Head quarters	11	11
2.	Total strength of Inspectors	12	12
3.	Number of Panchnama booked	186	190
4.	Total number of cases compounded	118	173
5.	Compounding fees (Rs.)	15,555	40,155
6.	Verification fees (Rs.)	4,88,455	5,66,179
7.	Verifications of weights and measures :		
	a) Weights	56,366	56,931
	b) Measures	21,840	22,521
	c) Weighing instruments	9,622	9,924
	d) Measuring instruments	1,971	2,118

XXXI. MISCELLANEOUS

133. YEARWISE NUMBER OF PASSPORTS ISSUED FROM 1977 TO 1991

Sr. No. 1	Year 2	No. of Passports issued 3
1.	1977	10,300
2.	1978	10,368
3.	1979	7,698
4.	1980	8,672
5.	1981	10,761
6.	1982	13,050
7.	1983	13,020
8.	1984	10,120
9.	1985	11,300
10.	1986	11,568
11.	1987	10,934
12.	1988	12,450
13.	1989	11,014
14.	1990	10,311
15.	1991(P)	16,258

XXXI. MISCELLANEOUS

34. GENERAL INFORMATION ON KADAMBA TRANSPORT CORPORATION
DURING 1989-90 AND 1990-91

Sr. No.	Particulars	1989-90	1990-91
1	2	3	4
1.	No. of depots	3	3
2.	No. of workshop	1	1
3.	Fleet held as on 31st March	215	233
4.	Fleet utilisation (per cent)	89	85
5.	Vehicle utilisation (Kms. per vehicle on road)	271	270
6.	Effective kms. operated (in lakhs)	187.24	188.97
7.	No. of kms. scheduled per day as on 31st March	53,546	58,222
8.	No. of scheduled trips per day as on 31st March	952	1,023
9.	No. of staff as on 31st March	1,548	1,647
	a) Traffic	1,042	1,113
	b) Mechanical	283	304
	c) Administration	223	230
10.	Bus staff ratio (per bus on road)	7.98	8.35
11.	Average tyre performance in kms	1,23,955	1,32,385
12.	Break-down rate per 10,000 kms	0.29	0.31
13.	Accident rate per 1,00,000 kms.	0.74	0.60
14.	Average diesel consumption (kms. per litre)	3.78	3.83
15.	Average no. of passengers travelled per day	57,406	78,000
16.	Earning per km. in paise (provisional)	4.71	6.01
17.	Cost per km. in paise (provisional)	4.85	5.87

XXXI. MISCELLANEOUS

135. DISTRICTWISE DISTRIBUTION OF ENTERPRISES BY TYPES
AS PER 1990 ECONOMIC CENSUS (P)

Particulars	Total enterprises		Total own account enter- prises	Total esta- blish- ments
	Agricul- tural	Non Agricul- tural		
1	2	3	4	5
GOA STATE	6,652	52,545	37,677	21,520
NORTH GOA DISTRICT	4,123	31,417	23,016	12,524
i) Rural	3,446	18,506	15,482	6,470
ii) Urban	677	12,911	7,534	6,054
SOUTH GOA DISTRICT	2,529	21,128	14,661	8,996
i) Rural	1,636	9,420	7,434	3,622
ii) Urban	893	11,703	7,227	5,374

CONVERSION TABLE

(a) Equivalents of metric, Imperial British and United States

Metric Units	Units of measures		
	Imperial British and U.S. equivalents	Imperial British and U.S. Units	Metric equivalents
1	2	3	4
Length			
1 centimetre (cm)	0.3937008 inch.	1 Inch.	2.540000 centimetres
1 metre (m)	3.280840 feet	1 foot	30.480 centimetres
	1.093613 yards	1 yard	0.9144 metre
1 Kilometre (km)	0.6213712 mile	1 mile	1609.344 metres
	0.5399568 int. naut. mile	1 international nautical mile	1852.000 metres
Area			
1 square centimetre	0.1550003 sq. inch.	1 square inch.	6.45160 square centimetres
1 square metre	10.76391 sq. feet	1 square foot	9.290304 square decimetres
	1.195990 sq. yard	1 square yard	0.83612736 square metres
1 hectare (ha.)	2.471054 acres	1 acre	0.4046856 hectares
1 square kilometre	0.3861022 sq. mile	1 square mile	2.589988 square kilometres

CONVERSION TABLE (CONTD.)

(a) Equivalents of metric, Imperial British and United States

Units of measures

Metric Units 1	Imperial British and U.S. equivalents 2	Imperial British and U.S. units 3	Metric equivalents 4
Volume			
1 cubic centimetre	0.06102374 cubic inch.	1 cubic inch.	16.38706 cubic centimetres
	35.31467 cubic feet	1 cubic foot	28.316847 cubic decimetres
1 cubic metre	1.307951 cubic yard 1000 litres	1 cubic yard	0.76455486 cubic metres
Capacity			
	0.8798775 Imperial quart	1 Imperial British quart. =	1.36522 (1)
	1.056688 U.S. liquid qt.	1 U.S. liquid quart =	
1 litre (1)	0.908083 U.S. dry qt.		0.9463529 (1)
	1000 cu. cms. =	1 U.S. dry quart. =	1.1012208 (1)
	61.02374 cu. inches		
	21.996938 Imperial gallons	1 Imperial gallon =	4.546087 (1)
	26.417200 U.S. gallons	1 U.S. gallon =	3.785412 (1)
1 hectolitre (hl)	2.749617 Imperial bushels	1 Imperial bushel =	36.368698 (1)
	2.837760 U.S. bushels.	1 U.S. bushel =	35.239067 (1)

CONVERSION TABLE

(a) Equivalents of metric, Imperial British and United States (CONTD.)

Metric Units	Units of measure			Metric equivalents
	Imperial British and U.S. equivalents	Imperial British and U.S. Units		
1	2	3		4
Weight				
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
		1 shot ton		0.9071847 metric tonne
	0.9842065 long tons	1 long ton		1.016047 metric tonnes

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=long ton)	*	1.016047 metric tonne
1 metric ton	*	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 OR 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

12 Mashas	= 1 Tola	= 11.664 grams
5 Tolas	= 1/16 Seer	= 58.319 grams
40 Seer	= 1 Mound	= 37.324 Kg

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CONVERSION TABLE (CONCLD.)
Thermometre Scales

Degrees Fahrenheit to Degrees Centigrade *		Degrees Centigrade to Degrees Fahrenheit * [†]	
Fahrenheit	Centigrade	Centigrade	Fahrenheit
1	2	3	4.
		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 $F=50$, $F - 32 = 18$, $5/9 \times 18=10^{\circ}\text{C}$.
- † To convert degrees Centigrade to degrees Fahrenheit, multiply the C by 9/5 and add 32. For example : $F = 9/5 C + 32$. When $C=50$, $9/5 \times 50= 90$, plus 32 = 122.0 °F.