



State of Goa

Indicators

of

Socio-Economic Development

1998



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GOA 98

DEPARTMENT OF PLANNING, STATISTICS & EVALUATION
GOVERNMENT OF GOA
PANAJI.

State of Goa
Indicators
Of
Socio – Economic Development
1998

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FOREWORD

It is a great pleasure to release this small brochure containing 'State of Goa - Indicators of Socio-Economic Development, 1998', on the eve of the Thirty Eight Liberation day i.e. 19th December, 1998.

The brochure gives important statistical indicators as at the time of Liberation in 1961, at the time of Statehood in 1987 and those for the year 1998. The State was brought into the main stream of national development through implementation of the five year plans, soon after Liberation from the erstwhile Portuguese Regime. The wide array of socio economic indicators presented in the brochure will enable any reader to comprehend at a glance the impressive progress registered by the State since its Liberation. It may be clarified that the figures for pre-Liberation or immediately after Liberation period, relate to the erstwhile Union Territory of Goa, Daman and Diu except where otherwise indicated, while the figures for 1987 and 1998 relate to the present Goa State only.

On behalf of this Directorate, I acknowledge with gratitude the valuable co-operation extended by the various Departments of this State Government, Local Bodies, Government of India and other organisations in making available the requisite data as well as the Officers of the Publication division of this Directorate responsible for bringing out this brochure. Shri Augusto L. Sequeira, Investigator, prepared the computerised manuscript of this publication.

Panaji.
December 19, 1998

Dr.K.S.R.V.S.Chalam
Director
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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author details the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information gathered is both reliable and comprehensive.

The third part of the report focuses on the results of the analysis. It shows a clear upward trend in the data over the period studied. This suggests that the implemented measures are having a positive impact on the overall performance.

Finally, the document concludes with a series of recommendations for future work. It suggests that further research should be conducted to explore additional factors that could influence the results. This will help in refining the current model and improving its accuracy.

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STATE OF GOA

INDICATORS OF SOCIO-ECONOMIC DEVELOPMENT, 1998

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	I- POPULATION				
1.	Total Population (as per 1960, 1981 and 1991 Censuses respectively)	In lakhs	5.90	10.08	11.70
2.	Geographical area **	Sq.kms	3,610	3,702	3,702
3.	Density of population	Per Sq.Km	163	272	316
4.	Sex-ratio.	Females/1000	1,066	975	967
5.	Urban population to total population	males	14.80	32.03	41.01
6.	Scheduled Caste population to total population	Percent	N.A.	2.05	2.08
7.	Main workers to total population.	Percent	41.40	30.89	32.79
8.	Agricultural workers to total workers (Cultivators & agricultural labourers)	Percent	58.17	28.57	23.94
9.	Female workers participation rates	Percent	31.94	15.33	16.77

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
10.	Decadal growth rate of population (1950-1960, 1971-1981 and 1981-1991 respectively)	Percent	7.77	26.74	16.08
II- AGRICULTURE					
1.	Area under high yielding varieties of paddy.	Ha.	Nil	37,955	47,534
2.	Area under sugarcane.	Ha.	70(A)	1,700	1,300
3.	Area covered under plant protection measures.	Ha.	2,220	18,432	35,564
4.	Seedlings and saplings distributed through the Agriculture Deptt.	Nos.	Nil	1,77,879	6,15,315
5.	Average Yield				
	a) Cashewnut	Kgs./ha.	N.A.	1,233	100
	b) Rice	Kgs./ha.	N.A.	2,101	2,656
	c) Coconut	Nos.	N.A.	4,600	4,841
	d) Ragi	Kgs./ha.	N.A.	914	899
6.	Government land distributed to landless persons since inception:				
	1) Persons benefitted	Nos.	Nil	7,639	128
	2) Total land distributed.	Ha.	Nil	55.17	Nil

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
7.	Villages cadastrally surveyed	Nos.	Nil	398	429
8.	Villages promulgated	Nos.	Nil	359	429
III- ANIMAL HUSBANDRY & VETERINARY SERVICES					
1.	Animals treated against Diseases:				
	1) Contagious	Nos.	1,084	3,059	928
	2) Non-contagious	No. in lakhs	0.01	2.27	2.29
2.	Vaccinations performed	No. in lakhs	0.46	8.28	8.97
3.	Veterinary hospitals	Nos.	Nil		4
4.	Veterinary dispensaries	Nos.	Nil	17	24
5.	Veterinary doctors and surgeons	Nos.	1(A)	31	54
6.	Key Village schemes:				
	Central semen production centres				
	1) Centre	No.	N.A.	1	1
	2) Sub-centres	Nos.	N.A.	-67	52
7.	Milk distributed through Govt./Goa State Cooperative Milk Union Dairies	Lakh litres	Nil	77.40	258
8.	Subsidy disbursed	Rs. in lakhs	Nil	5.78	24.78
9.	Total net weight of meat produced	Tonnes	708	78,998	6,900

Sl. No.	Item:	Unit	Pre-liberation or immediately after liberation*.	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	IV - FOREST				
1.					
2.	Timber production	Cu.mts	Nil	8,578	16,283
3.	Fuel wood production	Cu.mts	N.A.	27,727	26,772
4.	Pole production	Nos.	Nil	6,050	3,936
5.	Cane production	Nos.	N.A.	1,14,614	55,000
	Bamboos production	Nos.	N.A.	26,500	1,39,739
6.	Area brought under plantation				
	a) New plantation:				
	i) Casuarina	Ha.	Nil	50	-
	ii) Mangrove	Ha.	Nil	-	48.5
	iii) Mixed	Ha.	Nil	-	403
	iv) Canes	Ha.	Nil	-	200
	v) Medicinal plants	Ha.	Nil	-	20
	b) Enrichment:				
	i) Mixed species	Ha.	Nil	714	451.5
	ii) Rubber	Ha.	Nil	-	N.A.
	iii) Cashew	Ha.	Nil	-	N.A.
7.	Revenue realised	Rs. in lakhs.	Nil	52.77	113.71

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
V FISHERIES					
1.	Marine fish catch: i)Quantity ii)Value	Tonnes Rs.in lakhs	17,186 78.50	48,927 2,214.50	88,809(P) 11,208(P)
2.	Beneficiaries given subsidy for mechanised boats and O.B.M.	Nos.	N.A.	291	124
3.	Financial assistance provided i)Loan ii)Subsidies	Rs.in lakhs Rs in Lakhs	Nil Nil	131,30 65.00	N.A. 35.02
VI- INDUSTRY AND COMMERCE					
1.	Factories registered under factories act, 1948	Nos.	34(A)	358	694(P)
2.	Factories in operation registered under factories act, 1948	Nos.	34 (A)	240	476(P)
3.	Estimated average number of workers employed daily in registered factories	No in thousands	N.A.	17	34(P)

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
4.	Small scale industrial units registered with industries				
	Department	Nos.	46	3,527	5,488(P)
5.	Estimated average number of workers employed daily in small scale industries	Thousands	N.A.	26	37(P)
6.	Sheds in industrial estates	Nos.	Nil	474	772(P)
7	Joint stock companies:				
	(i) Private	Nos.	40	1,625	1,901
	(ii) Public	Nos.		46	259
	VII- MINING				
1.	Ore exports:	Lakh tonnes			
	(i) Iron-ore	--do--	65.28(A)	134.72	184.42(C)
	(ii) Manganese ore	--do--	0.38(A)	0.15	
	(iii) Ferro-Manganese ore	--do--	0.71(A)	0.58	2.18(C)
	(iv) Pellets	--do--		N.A.	3.68(C)
	(v) Bauxite	--do--		N.A.	
	VIII- POWER				
1.	Towns and census villages / habitations electrified (as per 1980, 1981 & 1991 Censuses respectively)	Nos.	13	392	369

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
2.	Electricity consumed.	Lakh Kwh.	78.70	3,543.80	10,396(P)
3.	Per-capita consumption of electricity	Kwh.	13	368	889(P)
4.	Industrial power consumption	Lakh Kwh	N.A.	1,682.60	5420(P)
5.	Per capita industrial consumption of electricity	Kwh.	N.A.	180.48	463(P)
6.	Industrial consumption to total consumption of electricity	%	N.A.	47.48	52(P)
7.	Per-capita domestic consumption of electricity	Kwh.	N.A.	77.39	208(P)
	IX - TRANSPORT				
	A)Roads:				
1.	Length of roads (including rural roads.)	Kms.	2,735(A)	6,489	7,543(P)
2.	Length of roads per 1000 sq.kms. of area..	Kms.	738(A)	1,753	2,038(P)
	B)Motor Vehicles :				
1.	Motor vehicles in operation.	No. in lakhs.	0.09	0.78	2.63
2.	Motor vehicles per lakh population.	Nos.	1,361	7,876	22,483

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	C) Bus routes and public bus services :				
1.	Bus routes	Nos.	N.A.	367	390
2.	Buses/mini buses plying on the road	Nos.	90	1,152	2,601
	D) Inland navigation:				
1.	Number of passengers travelled by water ways	No.in lakhs.	29.39	316.50	69.52
2.	Cargo carried	Tonnes	3,000	29,015	4722
	X- SHIPPING				
	Foreign trade:				
	i) Steam vessels cleared.	Nos.	393(A)	269	414(d)(e)
	ii) Net registered tonnage	Lakh tonnes	16.70A	45.60	71.00(e)
	iii) Gross registered tonnage	--do--	-(A)	N.A.	123.54(e)
2.	Coastal trade:				
	A) Steam vessels cleared	Nos.	N.A.	156	171(d)(e)
	i) Net registered tonnage.	Lakh tonnes	N.A.	7.80	13.03(e)
	ii) Gross registered tonnage	--do--	N.A.	N.A.	23.21(e)
	B) Sailing vessels cleared	Nos.	66(A)	55	Nil(e)
	i) Net registered tonnage	Lakh Tonnes	0.03(A)	1.90	-
	ii) Gross registered tonnage	=do--	N.A.(A)	-	-

Sl. No.	Item.	Unit	Pre-Liberati on or immedia tely after liberatio n*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	Cargo handled:				
	i) Loaded	Lakh tonnes	65.80(A)	136.30	176.48(e)
	ii) Unloaded	--do--	1.60 (A)	12.60	19.88(e)
	iii) Transshipment	--do--	N.A(A)	N.A	0.66(e)
	XI - COMMUNICATIONS				
	Post and telegraphs:				
1.	Post Offices	Nos	81	220	251
2.	Letter boxes	Nos	219	694	804
3.	Postmen	Nos	144	234	252
4.	Letters, postcards, newspapers, Parcels and packets	No.in lakhs	150	683	1023
5.	Money orders:				
	i) Issued	Rs.in lakhs	90	69	598
	ii) Paid	--do--	82	48	629
6.	Telephone exchange/telex	Nos	5	39	68
7.	Telephone sets	Nos	548	16,149	96,748
8.	Public call offices including payphones	Nos	5	99	1926

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	XII- LITERACY AND EDUCATION				
1.	Literacy rates(as per 1960, 1981 & 1991 Censuses respectively);				
	Total	Percent	30.75	57.25	75.51
	(a) Males	Percent	39.04	65.99	83.64
	(b) Females	Percent	23.01	48.29	67.09
2.	Primary education. (Std I to IV)				
	i) Schools at primary level	Nos.	476	1,232	1,278
	ii) Pupils at primary level	Nos.	43,244	1,18,828	99,963
	iii) Teachers at primary level	Nos	679	4,047	4,421
3.	Middle education (StdV to VII)				
	i) Schools at middle level	Nos.	****	410	449
	ii) Pupils at middle level	Nos.	****	82,665	75601
	iii) Teachers at middle level	Nos.	****	2,350	2401
4.	Secondary education (Std VIII to X)				
	i) Schools at secondary level	Nos.	119	303	364
	ii) Pupils at secondary level	Nos.	9,511	58,642	64352
	iii) Teachers at secondary level	Nos.	1,089	3,084	3695

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
5.	Higher secondary education (std XI to XII)				
	i) No. of H. S. Schools	Nos.	Nil	23	80
	ii) No. of Pupils at H.S. level	Nos.	Nil	12,668	23426
	iii) No. of teachers at H.S. level	Nos.	Nil	875	1304
6.	Vocational and professional education:				
	i) Schools	Nos.	4	30	28
	ii) Pupils	Nos.	411	5,412	7172
7.	Teachers at training institutions:				
	I) Institutions:				
	(a) At post-matric diploma level	Nos.	1	5	1
	(b) At degree level	Nos.	Nil	1	2
	II) Pupils:				
	(a) At post-matric diploma level	Nos.	64	521	80
	(b) At degree level	Nos.	Nil	191	239
8.	University/Colleges:				
	i) Colleges/University	Nos	Nil	20	38
	ii) Enrolment	Nos	Nil	9,781	16523
	iii) Woman students in colleges	Nos	Nil	4,590	9557
	iv) Teachers in colleges	Nos	Nil	517	1213

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
3.	v) Out-turn of graduates and post graduates	Nos.	Nil	2054	4770
XIII - HEALTH AND VITAL STATISTICS					
A) Health:					
1.	Government hospitals	Nos.	17	31	30
2.	Beds in Government hospitals	Nos.	1,098	2,371	2827
3.	Private hospitals	Nos.	85	83	92
4.	Beds in private hospitals	Nos.	1,405	1,312	1806
5.	Population served per bed	Nos.	211	310	281
6.	Health centres including maternity and child welfare/ dais centres sub-centres and medical dispensaries	Nos.	20	214	265
7.	Area served per hospital	''''	34.27	32.19	30.34
8.	Family welfare centres	''''	Nil	252	252
9.	Patients treated indoor (Govt. hospital)	□□	0.12	0.60	0.54(P)(C)
10.	Patients treated-outdoor	'''' ö	0.55	8.32	9.33(P)(C)
11.	Population served per hospital	'''' □	10,316	9,943	10662

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987.	1998
(1)	(2)	(3)	(4)	(5)	(6)
	B) Vital statistics				
1.	Birth rate	Births/1,000 population	31.39	18.24	17.97(P)(C)
2.	Death rate	Deaths/1,000 population	13.39	6.72	7.54(P)(C)
3.	Infant mortality rate	Infant deaths/1,000 live births	69.77	24.88	13.12(P)(C)
	XIV - WATER SUPPLY				
1.	Total capacity	M.l.d.	6.62	94.64	299.00
2.	Water consumed	M.l.d.	3.97	71.92	198.00
	XV- TOURISM AND JOURNALISM				
1.	Hotels / lodgings / houses including paying guest houses.	Nos.	25	252	1,580(a)
2.	Beds	Nos.	453	10,749	25,740(a)
3.	Tourist who visited the State				
	i) Foreigners	No. in lakhs	N.A.	1.01	1.52(b)
	ii) Domestic	--do--	N.A.	6.39	4.79(b)
4.	Daily news papers	Nos	4	7	9(P)
5.	Other periodicals	Nos.	5	18	19(P)

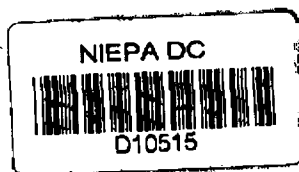
Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	XVI - CO-OPERATION				
1.	Co-operative societies registered	Nos.	Nil	744	1,789
2.	Co-operative societies in operation	Nos.	Nil	610	1,648
3.	Total working capital	Rs. in crores	Nil	135.89	1,246.50
4.	Loan advanced to members	Rs. in crores	Nil	37.60	419.35
5.	Co-operative banking offices	Nos.	Nil	53	134
	XVII - SMALL SAVINGS				
1.	Post Office savings banks:				
	i) Savings banks	Nos.	57	238	80993
	ii) Amount deposited	Rs. in lakhs	20.61	450.32	1014
2.	Other deposits	Rs. in lakhs	0.04	1,004.83	1871
	XVIII - BANKING				
1.	Banking offices	Nos.	5	298	425(P)
2.	Bank deposits	Rs. in lakhs	905	935.44	5,41,243(P)

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
3.	Bank credits	Rs.in lakhs	303	320.65	1,67,901(P)
4.	Per capita bank deposits	In Rs.	144	8,029	1,41,380(P)
5.	Per capita bank credit	In Rs.	48	2,752	12,837(P)
	XIX - INSURANCE				
	Life Insurance				
	i) New policies	Nos	1,736(A)	17,046	46963
	ii) Sum insured on new policies	Rs.in lakhs	93.19(A)	4,790.00	130458
	iii) Premium paid on new policies	--do--	N.A.(A)	178.24	752.7
2.	General Insurance				
	i) Policies	Nos.	4,010(A)	53,409	92421
	ii) Premium paid	Rs.in lakhs	15.28(A)	1,089.13	2214.15
	XX - STATE FINANCE				
1.	Receipts:				
	i) Revenue Receipts	Rs. in crores	N.A.	158.48	1,080.07(B)

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1998
(1)	(2)	(3)	(4)	(5)	(6)
	ii)Capital receipts	Rs. in crores.	N.A.	78.84	302.37(B)
	iii)Total receipts	--do--	7.00	233.32	1,382.44(B)
2A	Expenditure:				
	i)Development expenditure:				
	a)On revenue A/c	--do--	N.A.	121.31	547.87(B)
	b)On capital A/c	--do--	N.A.	52.21	102.51(B)
	ii) Non-developmental expenditure				
	a) On revenue A/c	--do--	N.A.	38.18	559.00(B)
	b) On capital A/c	--do--	N.A.	24.71	148.14(B)
	Total expenditure	--do--	6.08	236.41	1384.52(B)
	XXI - STATE INCOME				
1.	Net state domestic product:				
	i) At current prices	--do--	29.14	607.87	2,573.89(Q)
	ii) At constant prices(1980-81)	--do--	N.A.	354.30	812.84(Q)
2.	Per capita net state domestic product:				
	i) At current prices	In Rs.	434	5,277	19,719(Q)
	ii) At constant prices (1980-81)	In Rs.	N.A.	3.076	6,227(Q)

Explanations:-

- * Relate to the former U.T. of Goa, Daman and Diu, unless otherwise stated.
- ** Geographical area is supplied by the Surveyor General, India.
- **** Included in secondary education as separate data for middle and secondary is not available.
- (A) Relate to Goa State only.
- (B) Revised estimates for 1996-97.
- (C) Relates to 1997-98.
- N.A. Data is not available.
- P Data is provisional.
- + Including Teachers training institutions at post matric level also.
- ++ Including enrolment of Teachers training Institutions at degree level.
- (Q) Quick Estimates for 1997-98
- (a) Indicates data as on 1st April, 1998.
- (b) Indicates data from January'98 upto June 1998.
- (d) Motor Vessels
- (e) Relates to Calendar year 1997.



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