



State of Goa

**Indicators  
of  
Socio-Economic Development  
1999**



**PLANNING, STATISTICS AND EVALUATION  
GOVERNMENT OF GOA**

PANAJI.

**State of Goa**

**INDICATORS**

**OF**

**SOCIO - ECONOMIC DEVELOPMENT**

**1999**

NIEPA DC



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~~UNIVERSITY OF THE PHILIPPINES~~

National Institute of Education

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## FOREWORD

It is a great pleasure to release this small brochure containing "State of Goa - Indicators of Socio-Economic development, 1999" on the eve of the Thirty Ninth Liberation day i.e. 19<sup>th</sup> December, 1999.

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 1999. 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 1999 relates 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, and Smt. Shirley Pinto, Compiler Checker prepared the computerised Manuscript of this Publication.

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Panaji.  
December 19, 1999.

## STATE OF GOA

### INDICATORS OF SOCIO - ECONOMIC DEVELOPMENT 1999

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	<b>I. POPULATION</b>				
1.	Total Population (as per 1960, 1981 & 1991 censuses respectively)	In lakh.	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 Per 1,000 males.	1,066	975	967
5.	Urban population to total population	Per cent.	14.80	32.03	41.01
6.	Scheduled caste population to Total population	Per cent	N.A.	2.05	2.08
7.	Main workers to total population.	Per cent.	41.40	30.89	32.79
8.	Agricultural workers to total workers (Cultivators & agricultural labourers)	Per cent	58.17	28.57	23.94
9.	Female workers participation rates	Per cent.	31.94	15.33	16.77

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
10.	Decadal growth rate of population (1950-1960, 1971-1981 & 1981-1991 respectively)	Per cent.	7.77	26.74	16.08
	<b>II- AGRICULTURE</b>				
1.	Area under high yielding varieties of paddy .	Ha.	Nil	37,955	48,439
2.	Area under sugarcane.	Ha.	70(A)	1,700	1,320
3.	Area covered under plant protection measures.	Ha.	2,220	18,432	5,822
4.	Seedlings and saplings distributed through the Department.	Nos.	Nil	1,77,879	5,07,960
5.	Average Yield				
	a) Cashewnut	Kgs/ ha.	N.A.	233	284
	b) Rice	Kgs/ ha.	N.A.	2,101	2,679
	c) Coconut	Nos.	N.A.	4,600	4,868
	d) Ragi	Kgs/ha.	N.A.	914	1,014
6.	Government land distributed to landless persons since inception:				
	1) Persons benefitted	Nos.	Nil	7,639	8730(P)
	2) Total land distributed. ( N. Goa District )	Ha.	Nil	55.17	406.25(P)

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
7.	Villages cadastrally surveyed	Nos.	Nil	398	429
8.	Villages promulgated	Nos.	Nil	359	429
<b>III- ANIMAL HUSBANDRY &amp; VETERINARY SERVICES</b>					
1.	Animals treated against Diseases:				
	1) Contaegious	Nos.	1,084	3,059	3,451
	2) Non -contaegious	No. in lakh	0.01	2.27	2.63
2.	Vaccinations performed	No. in lakh	0.46	8.28	6.67
3.	Veterinary hospitals	Nos.	Nil	1	4
4.	Veterinary dispensaries	Nos.	Nil	17	24
5.	Veterinary doctors and surgeons	Nos.	1(A)	31	52
6.	Key Village schemes: Central semen production centres				
	1) Centre	No.	N.A.	1	1
	2) Sub-centres	Nos.	N.A.	67	51
7.	Milk distributed through Govt./ Goa State Cooperative Milk Union Dairies	Lakh litres.	Nil	77.40	275
8.	Subsidy disbursed	Rs.in lakh.	Nil	5.78	28.28
9.	Total net weight of meat produced	Tonnes.	708	18,998	7,413

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1).	(2)	(3)	(4)	(5)	(6)
	<b>IV - FOREST</b>				
1.	Timber production	Cu.mts	Nil	8,578	5,94,208
2.	Fuel wood production	Cu.mts	N.A.	27,727	1073.702
3.	Pole production	Nos.	Nil	6,050	1,282
4.	Cane production	Nos.	N.A.	1,14,614	71,332
5.	Bamboos production	Nos.	N.A.	26,500	39,900(b)
6.	<i>Area brought under plantation</i>				
	<b>a) New plantation :</b>				
	i)Casuarina	Ha.	Nil	50	-
	ii)Mangrove	Ha.	Nil	-	100
	iii)Mixed	Ha.	Nil	-	20.10
	iv)Canes	Ha.	Nil	-	100
	v)Medicinal plants	Ha.	Nil	-	5
	<b>b) Enrichment :</b>				
	i)Mixed species	Ha.	Nil	714	374
	ii)Rubber	Ha.	Nil	-	-
	iii)Cashew	Ha.	Nil	-	190.50
7.	Revenue realised	Rs. In lakh.	Nil	52.77	70.57
	<b>V FISHERIES</b>				
1.	Marine fish catch:				
	i)Quantity	Tonnes.	17,186	48,927	65,841
	ii)Value	Rs.in lakh.	78.50	2,214.50	9,029
2.	Beneficiaries given subsidy for mechanised boats and O.B.M.	Nos.	N.A.	291	49



Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
3.	Financial assistance provided i) Loan	Rs. in Lakh.	Nil	131,30	-
	ii) Subsidies	Rs in Lakh.	Nil	65,00	8.87
<b>VI- INDUSTRY AND COMMERCE</b>					
1.	Factories registered under factories act, 1948	Nos.	34(A)	358	782
2.	Factories in operation registered Under factories act, 1948	Nos.	34(A)	240	550
3.	Estimated average number of workers employed daily in registered factories	No in thousand	N.A.	17	37
4.	Small scale industrial units registered with industries Department	Nos.	46	3,527	5,765
5.	Estimated average number of workers employed daily in small scale industries	No in thousand	N.A.	26	39

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1999.
(1)	(2)	(3)	(4)	(5)	(6)
6.	Sheds in industrial estates	Nos.	Nil	474	712
7	Joint stock companies:				
	i)Private	Nos.		625	1,984
	ii)Public	Nos.	10	46	260
	<b>VII- MINING</b>				
	Ore exports:				
1.	i)Iron ore	Lakh tonnes.	65.28	134.72	+ 153.60
	ii)Manganese ore	Lakh Tonnes.	0.38 A	0.15	N.A.
	iii)Ferro-Manganese ore	Lakh tonnes.	0.71	0.58	N.A.
	Iv)Pellets	Lakh tonnes.	-	N.A.	0.80
	v)Bauxite	Lakh Tonnes.	-	N.A.	-
	<b>VIII- POWER</b>				
	Towns and census villages / habitations- electrified (as per 1980,1981&1991Censuses respectively)	Nos.	13	392	369
	Electricity consumed.	Lakh KWH.	78.70	3,543.80	10,396(P)(C)
2.	Per-capita consumption of electricity	KWH.	13	368	889(P)(C)
3.	Industrial power consumption	Lakh KWH	N.A.	1,682.60	5420(P)(C)
4.	Per capita industrial consumption of electricity	KWH.	N.A.	180.48	463(P)(C)
5.					

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
6.	Industrial consumption to total consumption of electricity	Per cent	N.A.	47.48	52(P)(C)
7.	Per-capita domestic consumption of electricity	KWH.	N.A.	77.39	208(P)(C)
<b>IX - TRANSPORT</b>					
A)Roads:					
1.	Length of roads (including rural roads.)	Kms.	2,735	6,489	7,543(P)
2.	Length of roads per 1000 sq.kms. of area..	Kms.	738 <sup>A</sup>	1,753	2,038(P)
B)Motor Vehicles :					
1.	Motor vehicles in operation.	No. in lakh.	0.09	0.78	2.86
2.	Motor vehicles per lakh population.	Nos.	1,361	7,876	24514.68
C) Bus routes and public bus services :					
1.	Bus routes	Nos.	N.A.	367	436
2.	Buses/mini buses plying on the road	Nos.	90	1,152	2,601

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
1.	D) Inland navigation: Number of passengers traveled By water ways	No.in lakh.	29.39	316.50	54.42
2.	Cargo carried	Tonnes	3,000	29,015	4,958
<b>X- SHIPPING</b>					
1.	Foreign trade:				
	i)Steam vessels cleared.	Nos.	393(A)	269	369(d)
	ii)Net registered tonnage	Lakh tonnes	16.70(A)	45.60	69.51(d)
	iii)Gross registered tonnage	Lakh tonnes.	N.A.	N.A.	116.93(d)
2.	Coastal trade:				
	A) i)Steam vessels cleared	Nos.	N.A	156	151(d)
	ii)Net registered tonnage.	Lakh tonnes	N.A.	7.80	5.79(d)
	iii)Gross registered tonnage	Lakh tonnes	N.A.	N.A	12.58(d)
	B) i) Sailing vessels cleared	Nos.	66(A)	55	Nil
	ii)Net registered tonnage	Lakh Tonnes	0.03(A)	1.90	N.A.
	iii)Gross registered tonnage	Lakh tonnes	N.A.	-	N.A.
	Cargo handled:				
	i)Loaded	Lakh tonnes	65.80(A)	136.30	154.6(d)
	ii)Unloaded	Lakh tonnes	1.60 A	12.60	25.36(d)
	iii)Transhipment	Lakh tonnes	N.A.	N.A.	0.24(d)

Sl. No.	Item.	Unit	Pre-Liberat ion or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	<b>XI – COMMUNICATIONS</b>				
	Post and telegraphs:				
1.	Post and offices	Nos.	81	220	251(C)
2.	Letter boxes	Nos.	219	694	804(C)
3.	Postmen	Nos.	144	234	252(C)
4.	Letters, postcards, newspapers, Parcels and packets	No. in lakh.	150	683	1023(C)
5.	Money orders:				
	i) Issued	Rs. in lakhs.	90	69	598(C)
	ii) Paid	Rs. in lakhs	82	48	629(C)
6.	Telephone exchange/telex	Nos.	5	39	68(C)
7.	Telephone sets	Nos.	548	16,149	96,748(C)
8.	Public call offices including payphones	Nos.	5	99	1926(C)
	<b>XII- LITERACY AND EDUCATION</b>				
1.	Literacy rates(as per 1960, 1981 and 1991 census respectively):				
	Total	Per cent.	30.75	57.25	75.51
	(a) Males	Per cent.	39.04	65.99	83.64
	(b) Females	Per cent.	23.01	48.29	67.09
2.	Primary education (std I to IV):				
	i) Schools at primary level	Nos.	476	1,232	1285
	ii) Pupils at primary level	Nos.	43,244	1,18,828	101068
	iii) Teachers at primary level	Nos.	679	4,047	4125

Sl. No. *	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
3.	Middle education (stdV to VII )				
	i)Schools at middle level	Nos.	****	410	449
	ii)Pupils at middle level	Nos.	****	82,665	73974
	iii)Teachers at middle level	Nos.	****	2,350	2430
4.	Secondary education ( std VIII to X )				
	i)Schools at secondary level	Nos.	119	303	362
	ii)Pupils at secondary level	Nos.	9,511	58,642	65998
	iii)Teachers at secondary level	Nos.	1,089	3,084	3617
5.	Higher secondary education (std XI to XII ) :				
	i)Schools at higher secondary level	Nos.	Nil	23	81
	ii)Pupils at higher secondary level	Nos.	Nil	12,668	23747
	iii)Teachers at higher secondary level	Nos.	Nil	375	1289
6.	Vocational and professional education:				
	i)Schools	Nos.	4	30	31
	ii)Pupils	Nos.	411	5,412+	7506

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	Teachers at training institutions:				
	i)Institutions:				
	(a)At postmatric 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	78
	(b)At degree level	Nos.	Nil	191	219
8.	University/Colleges:				
	i)Colleges/university	Nos.	Nil	20	41
	ii)Enrolment	Nos.	Nil	9,781++	16472
	iii)Woman students in colleges	Nos.	Nil	4,590	9544
	iv)Teachers in colleges	Nos.	Nil	517	1305
	v)Out-turn of graduates and post graduates	Nos.	Nil	2,054	3808
	<b>XIII – HEALTH AND VITAL STATISTICS</b>				
	A)Health:				
1.	Government hospitals	Nos.	17	31	31
2.	Beds in Government hospitals	Nos.	1,098	2,371	2865
3.	Private hospitals	Nos.	85	83	105

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
4.	Beds in private hospitals	Nos.	1,405	1,312	1906
5.	Population served per bed	Nos.	211	310	276
6.	Health centres including maternity and child welfare/ dias centres sub-centres and medical dispensaries	Nos.	20	214	265
7.	Area served per hospital	Per sq.km.	34.27	32.19	27.22
8.	Family welfare centres	Nos.	Nil	252	252
9.	Patients treated indoor(Govt. hospital)	No. in lakh.	0.12	0.60	12.75
10.	Patients treated outdoor	No. in lakh.	0.55	8.32	0.92
11.	Population served per hospital	Nos.	10,316	9,943	9,679
B) Vital statistics					
1.	Birth rate	Births / 1,000 populat- ion	31.39	18.24	17.60(P)(d)
2.	Death rate	Deaths / 1,000 populat- ion	13.39	6.72	7.79(P)(d)
3.	Infant mortality rate	Infant Deaths / 1,000 live births	69.77	24.88	15.52(P)(d)



Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	<b>XIV - WATER SUPPLY</b>				
1.	Total capacity	M.L.D.	6.62	94.64	299.00
2.	Water consumed	M.L.D.	3.97	71.92	198.00
	<b>XV- TOURISM AND JOURNALISM</b>				
1.	Hotels / lodgings / houses including paying guest houses.	Nos.	25	252	1,674
2.	Beds	Nos.	453	10,749	29,290
3.	Tourist who visited the state				
	i)Foreigners	No. in lakh.	N.A.	1.01	1.70(a)
	ii)Domestic	No. in lakh.	N.A.	6.39	6.05(a)
4.	Daily news papers	Nos.	4	7	9(P)
5.	Other periodicals	Nos.	5	18	19(P)
	<b>XVI - CO-OPERATION</b>				
1.	Co-operative societies registered	Nos.	Nil	744	1,875
2.	Co-operative societies in operation	Nos.	Nil	610	1,731
3.	Total working capital	Rs. in crore.	Nil	135.89	1,486.80
4.	Loan advanced to members	Rs. in crore	Nil	37.60	453.80
5.	Co-operative banking offices	Nos.	Nil	53	138

Sl. No.	Item	Unit	Pre-liberation or immediately after liberation*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	<b>XVII - SMALL SAVINGS</b>				
1.	Post Office savings banks:				
	i) Savings banks	Nos.	57	238	80993(C)
	ii) Amount deposited	Rs. in lakh	20.61	450.32	1014(C)
2.	Other deposits	Rs. in lakh	0.04	1,004.83	1871(C)
	<b>XVIII - BANKING</b>				
1.	Banking offices	Nos.	5	298	426(P)
2.	Bank deposits	Rs. in lakh.	905	935.44	6,38,687(P)
3.	Bank credits	Rs. in lakh.	303	320.65	1,99,649(P)
4.	Per capita bank deposits	In Rs.	144	8,029	48,057(P)
5.	Per capita bank credit	In Rs.	48	2,752	15,022(P)
	<b>XIX - INSURANCE</b>				
	Life Insurance				
	i) New policies	Nos.	1,736(a)	17,046	46963(C)
	ii) Sum insured on new policies	Rs. in lakh.	93.19	4,790.00	30458(C)
	iii) Premium paid on new policies	Rs. in lakh.	N.A.(A)	178.24	752.7(C)
2.	General Insurance				
	i) Policies	Nos.	4,010	53,409	92421(C)
	ii) Premium paid	Rs. in lakh.	15.28	1,089.13	2214.15(C)

Sl. No.	Item	Unit	Pre-liberati on or immedi ately after liberati on*	1987	1999
(1)	(2)	(3)	(4)	(5)	(6)
	<b>XX - STATE FINANCE</b>				
1.	Receipts:				
	i) Revenue Receipts	Rs. in cr	N.A.	158.48	1,143.39(B)
	ii) Capital receipts	Rs. in cr	N.A.	78.84	456.16(B)
	iii) Total receipts	Rs. in cr	7.00	233.32	1599.55(B)
2.	Expenditure:				
	i) Development expenditure:				
	a) On revenue A/c	Rs. in cr	N.A.	121.31	706.35(B)
	b) On capital A/c	Rs. in cr	N.A.	52.21	115.3(B)
	ii) Non-development al expenditure				
	a) On revenue A/c	Rs. in cr	N.A.	38.18	616.42(B)
	b) On capital A/c	Rs. in cr	N.A.	24.71	166.08(B)
		Rs. in cr	6.08	236.41	1604.15(B)
	Total expenditure				
	<b>XXI - STATE INCOME</b>				
1.	Net state domestic product:				
	i) At current prices	Rs. in cr	29.14	607.87	3,127.60
	ii) At constant prices(1980-81)	Rs. in cr	N.A.	354.30	838.32
2.	Per capita net state domestic product:				
	i) At current prices	In Rs.	434	5,277	23,482
	ii) At constant prices (1980-81)	In Rs.	N.A.	3,076	6,294

**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 1998-99.

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.

\$ - Includes Teachers training Institute at degree level also.

(a) - Indicates data upto August 1999.

(b) - From private areas only

(c) - Motor Vessels

(d) - Relates to the year 1998-99

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