



STATE OF GOA

Indicators of Socio Economic Development - 2016



**DIRECTORATE OF PLANNING, STATISTICS AND EVALUATION
GOVERNMENT OF GOA
PANAJI-GOA**

F O R E W O R D

An "Indicator of Socio Economic Development" is one of the regular publications of the Directorate of Planning, Statistics & Evaluation, Government of Goa. This brochure contains important statistical indicators as at the time of Goa's Liberation in 1961, at the time of attaining Statehood in the year 1987 and for the year 2015-16

The state was brought into the main stream of national development through implementation of the Five Year Plans, soon after Liberation. The wide array of Socio-Economic Indicators presented in the brochure will enable users/readers to comprehend at a glance the impressive progress registered by the State since Liberation. It may be mentioned that the figures for the pre-liberation period or immediately after liberation, relate to the erstwhile Union Territory of Goa, Daman and Diu except where otherwise indicated, while the figures for 1987 and 2015-16 relate to the State of Goa.

The valuable co-operation extended by the various Departments of the State Government, Local Bodies, Government of India and other organisation in making available the data is gratefully acknowledged.

It is our endeavour to constantly improve the contents and quality of the publication. Therefore, suggestion for improvement are welcome.

**Panaji - Goa
Date: 19/12/2016**

**Vikas S. N. Gaunekar
Director**

INDICATORS OF SOCIO ECONOMIC DEVELOPMENT 2015-16

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
	I. POPULATION (Census)		(1961)	(1981)	(2011)
1	Population	In lakh	5.90	10.08	14.58
2	Geographical area	Sq.km	3,610	3,702	3,702
3	Density of population	Per sq.km	163	272	394
4	Sex ratio (females per 1000 males)	No.	1066	975	973
5	Urban population to total population	Percent	14.80	32.03	62.2
6	Scheduled caste population to total population	Percent	N.A	2.05	1.74
7	Main workers to total population	Percent	41.40	30.89	32.64
8	Agricultural workers/cultivators to total workers	Percent	58.17	28.57	10.07
9	Female workers participation rate	Percent	31.94	15.33	21.92
10	Decennial growth rate of population (1950-60,1971-81 & 2001-2011 respectively)	Percent	7.77	26.74	8.23
	II. AGRICULTURE				
1	Area under high yielding/local varieties of paddy	Ha.	50,302 *	37,955	41,344
2	Area under sugarcane	Ha.	70	1,700	1,139

(*) Under local variety. (NA) Not available

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
II AGRICULTURE (Contd.)					
3	Area covered under plant protection measures	Ha.	2,220	18,432	42,000
4	Seedling & sapling distributed through the Department	No. in lakh	Nil	1.78	1.90
5	<u>Average yield</u>				
	a) Cashew nut	Kgs/Ha	92	233	310
	b) Rice	Kgs/Ha	1,060	2,101	2,783
	c) Coconut	No./Ha	3,784	4,600	5,010
	d) Ragi	Kgs/Ha	284	914	-
6	Government land distributed to landless persons since inception				
	a) Persons benefitted	No.	Nil	7,639	Nil
	b) Total land distributed	Ha.	Nil	55.17	Nil
7	a) Villages/Cities cadastrally surveyed				
	b) Villages promulgated	No.	Nil	398	425 #
	c) Villages partly promulgated	No.	Nil	359	277
				-	143
III ANIMAL HUSBANDRY & VETERINARY SERVICES					
1	Total number of animals treated	No. in lakh	NA	NA	2.28
2	Vaccinations performed	No. in lakh	0.46	8.28	2.62 *

(#) Out of total 425 there are 420 villages and 5 are cities namely Panaji, Vasco, Margao, Mapusa and Cunchelim. (NA) Not available. (*) Includes Mission Rabies Vaccination Programme (Phase I)

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
III ANIMAL HUSBANDRY & VETERINARY SERVICES (Contd.)					
3	Veterinary hospitals	No.	Nil	1	5
4	Veterinary dispensaries	No.	Nil	17	25
5	Veterinary doctors and surgeons	No.	1	31	44
6	Key village scheme				
	i) Central semen production centre	No.	NA	1	1
	ii) Central semen production sub-centre	No.	NA	67	50
7	Milk distributed through Government/ Goa State Co-operative Milk Union Dairies	lakh litre	Nil	77.4	235.39
8	Subsidy disbursed to dairy development	Rs. In lakh	Nil	5.78	3919.00
9	Total net weight of meat produced	Tonnes	708	18,998	7,852.76
IV FOREST					
1	Timber production	Cu.mt.	NA	8,578	7,408.20
2	Fuel wood production	Cu.mt.	NA	27,727	13734.893

(NA) Not available.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
IV	FOREST (Contd.)				
3	Pole production	No.	NA	6,050	311
4	Cane production	No.	NA	1,14,614	0
5	Bamboo production	No.	NA	26,500	4,000
6	Area brought under plantation				
	a) New plantations				
	i) Casuarina	Ha.	Nil	50	6
	ii) Mangrove	Ha.	Nil	0	3.25
	iii) Mixed block plantation	Ha.	Nil	0	14.8
	Avenue plantation	R/Kms.	Nil	0	3.75
	iv) Canes	Ha.	Nil	0	0
	v) Medicinal plants	Ha.	Nil	0	0
	vi) Bamboo's	Ha.	Nil	120	0
	vii) Jatropha	Ha.	Nil	-	0
	b) Enrichment				
	i) Mixed species	Ha.	NA	714	25
7	Revenue realised	Rs. In lakh	Nil	52.77	409.74
V	FISHERIES				
1	Marine fish catch				
	i) Quantity	Tonnes	17,186	48,927	1,07,069
	ii) Value	Rs. In lakh	78.50	2,214.50	1,26,618
2	Beneficiaries given subsidy for mechanised boats and O.B.M. including wooden/FR crafts.	No.	NA	291	535

(NA) Not available.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
V	FISHERIES (Contd.)				
3	Financial assistance provided				
	i) Loan	Rs. In lakh	Nil	131.30	-
	ii) Subsidies	Rs. In lakh	Nil	65.00	1017.65
VI	INDUSTRY AND COMMERCE				
1	Factories registered under Factories Act, 1948	No.	34	358	1,485
2	Factories in operation registered under Factories Act, 1948	No.	34	240	782
3	Estimated average number of workers employed daily in registered factories	No. in '000'	NA	17	79
4	Micro, Small & Medium Enterprises	No.	46	3,527	8,025
5	Estimated average number of workers employed daily in MSME	No. In '000'	NA	26	69
6	Shed in Industrial Estates	No.	Nil	474	712 *
7	Goa Investment Promotion Board (Projects cleared)	No.	-	-	98
8	a) Udyog Aadhar Memorandum	No.	-	-	753
	b) Estimated average No. of workers employed daily in Udyog Aadhar	No. in "000"	-	-	14
7	Joint Stock Companies				
	i) Private	No.	10	625	5,371 #
	ii) Public	No.		46	238 #

(NA) Not available. (*) Goa Industrial Development Corporation (GIDC) has discontinued construction of sheds in the Industrial Estate. (#) Includes Goa, Daman & Diu.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
VII MINING					
1	Ore Exports				
i	Iron Ore	Lakh Tonnes	65.28	134.72	38.30
ii	Manganese Ore	Lakh Tonnes	0.38	0.15	0.00
iii	Ferro Manganese Ore	Lakh Tonnes	0.71	0.58	0.00
iv	Pellets	Lakh Tonnes	NA	NA	0.00
v	Bauxite	Lakh Tonnes	NA	NA	2.10
VIII POWER					
1	Towns electrified	No.	13	392	Fully
2	Villages electrified	No.	13	392	Fully
3	Electricity consumed	M.Kwh	7.87	354.38	3,268
4	Per Capita consumption of electricity	Kwh	13	368	2,156 *
5	Industrial power consumption	M.Kwh	NA	168.26	1,837
7	Industrial consumption to total consumption of electricity	Percent	NA	47.48	56.21
8	Domestic consumption of electricity	M.kwh	NA	77.38	1,037
9	Other consumption	M.kwh	-	-	394

(NA) Not available. (*) Per capita figure is derived based on projected population of 15.16 lakh.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
IX	TRANSPORT				
1	Roads				
	a) Length of roads including rural roads (Panchayats, Municipalities, Forest, & PWD)	Kms.	2,738	6,489	12,904
	b) Length of roads per 1000 Sq.km. of area	Kms.	738	1,753	3,486
2	Motor vehicles				
	a) Motor Vehicles in operation	No. in lakh	0.09	0.78	11.58
	b) Motor Vehicles per lakh population	No.	1,361	7,876	69,482
3	Bus routes & public bus services				
	a) Bus routes	No.	NA	367	741
	b) Buses /Mini buses plying on the roads	No.	90	1,152	11,503
4	Inland navigation				
	a) No. of passengers travelled by water ways	No. in lakh	29.39	316.50	89.50
	b) Cargo carried	Tonnes	3,000	29,015	4,29,966 #
X.	SHIPPING				
1	Foreign Trade				
	a) Steam vessels cleared	No.	393	269	498
	b) Net registered tonnage	Lakh tonnes	16.70	45.60	91.03
	c) Gross registered tonnage	Lakh tonnes	NA	NA	161.23

(NA) Not available. (#) Includes Export 260250 M.T. of Iron Ore fine & Import 169716 M.T. of Coal

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
2	Coastal Trade				
A	i. Steam vessels cleared	No.	NA	156	136
	ii. Net registered tonnage	Lakh tonnes	NA	7.80	11.00
	iii. Gross registered tonnage	Lakh tonnes	NA	NA	24.40
B	i. Sailing vessels cleared	No.	66	55	-
	ii. Net registered tonnage	Lakh tonnes	0.03	1.90	-
	iii. Gross registered tonnage	Lakh tonnes	NA	NA	-
3	Cargo handled				
	i. Loaded	Lakh tonnes	65.80	136.30	54.08
	ii. Unloaded	Lakh tonnes	1.60	12.60	153.69
	iii Transhipment	Lakh tonnes	NA	NA	-
XI	COMMUNICATION				
A.	Post & Telegraphs				
1	Post Offices	No.	81	220	258
2	Letter Boxes	No.	219	694	882
3	Postmen	No.	144	234	272
4	Letters, Postcards, Newspapers, Parcels & Packets	No. in lakh	150	683	40.14
5	Money Orders				
	i. Issued	No. in lakh	90	69	588.16
	ii. Paid	No. in lakh	82	48	455.55

(NA) Not available

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
B.	Telecommunication #				
1	Telephone Exchanges/Telex	No.	5	39	144
2	Telephone sets	No.	548	16,149	1,21,903
3	Public call offices including payphones	No.	5	99	1,176
XII	LITERACY & EDUCATION				
1	Literacy rates(1960,1981 & 2011)				
a.	Males	Percent	39.04	65.99	92.65
b.	Females	Percent	23.01	48.29	84.66
	Total	Percent	30.75	57.25	88.70
2	Primary Education (Std I to IV)				
a.	Schools at primary level	No.	476	1,232	1,190
b.	Pupils at primary level	No.	43,244	1,18,828	95,555
c.	Teacher's at primary level	No.	679	4,047	3,775
3	Middle Education (Std V to VII)				
a.	Schools at middle level	No.	***	410	462
b.	Pupils at middle level	No.	***	82,665	70,774
c.	Teacher's at middle level	No.	***	2,350	2,752
4	Secondary Education (Std VIII to X)				
a.	Schools at secondary level	Nos	119	303	396

(***) Included in secondary education, as separate data for middle & secondary is not available. (#) relates to BSNL.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
XII	LITERACY & EDUCATION				
b.	Pupils at secondary level	No.	9,511	58,642	73,555
c.	Teacher's at secondary level	No.	1,089	3,084	3,212
5	Higher Secondary Education (Std XI to XII)				
a.	Schools at higher secondary level	No.	Nil	23	96
b.	Pupils at higher secondary level	No.	Nil	12,668	34,850
c.	Teacher's at higher secondary level	No.	Nil	375	1,659
6	Vocational & Professional Education				
a.	Schools	No.	4	30	30 *
b.	Pupils	No.	411	5,412+	8,861 *
7	Teacher's at training institutions				
a.	Institutions				
i.	At post matric Diploma level	No.	1	5	2
ii.	At Degree level	No.	Nil	1	3
b.	Pupils				
i.	At post matric Diploma level	No.	64	521	134
ii.	At Degree level	No.	Nil	191	345
8	University / Colleges				
a.	Colleges/University	No.	Nil	20	56
b.	Enrolment	No.	Nil	9,781++	32,130

(+) Including enrolment of Teacher's Training Institution at post matric level. (++) Including enrolment of Teacher's Institutions at degree level. (*) Figures are for the year 2014-15.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
c.	Women students in colleges	No.	Nil	4,590	20,255
d.	Teachers in colleges	No.	Nil	517	2,141 *
e.	Out turn of graduates & post graduates	No.	Nil	2,054	7,281 #
XIII HEALTH & VITAL STATISTICS					
1 Health					
a.	Government Hospitals	No.	17	31	31
b.	Beds in Government Hospitals	No.	1,098	2,371	2,943
c.	Private Hospitals	No.	85	83	130
d.	Beds in Private Hospitals	No.	1,405	1,312	2,962
e.	Population served per bed	No.	211	310	595
f.	Health centres including maternity, Dental sub centres & medical dispensaries (Govt)	No.	20	214	283
g.	Area served per hospital	Per Sq.kms	34.27	32.19	23
h.	Family welfare centres	No.	Nil	252	277
i.	Patients treated indoor (Govt. hospitals)	No in lakh	0.12	0.6	2.1
j.	Patients treated outdoor	No in lakh	0.55	8.32	8.34
k.	Population served per hospital (Government + Private)	No.	10,316	9,943	10,870

(*) Figure relates to the year 2014-15. (#) Refers to Goa University.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
2	Vital Statistics				
A	Birth rate (Birth rate per 1000 population)	No.	31.39	18.24	14.38 *
B	Death rate (Death rate per 1000 population)	No.	13.39	6.72	8.27 *
C	Infant mortality rate (Infant deaths per 1000 live births)	No.	69.77	24.88	11.32 *
XIV	WATER SUPPLY				
1	Total Capacity	MLD	6.62	94.64	490
2	Water consumed	MLD	3.97	71.92	365
XV	TOURISM AND JOURNALISM				
1	Hotels/lodging/houses including paying guests houses	No.	25	252	3,511
2	Beds	No.	453	10,749	58,337
3	Tourists who visited the state				
	a. Foreign	No. in lakh	NA	1.01	6.0 (P)
	b. Domestic	No. in lakh	NA	6.39	48.80 (P)
4	Daily newspapers	No.	4	7	16
5	Other periodicals	No.	5	18	67
XVI	CO-OPERATION				
1	Co-operative societies registered	No.	Nil	744	4,546
2	Co-operative societies in operation	No.	Nil	610	4,430

(*) Figures given in column 6 is for the calendar year 2015. (P) Provisional

(NA) Not available.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
3	Total working capital	Rs. In crore	Nil	135.89	8556.64
4	Loan advanced to members	Rs. In crore	Nil	37.60	3987.12
5	Co-operating banking offices	No.	Nil	53	143
XVII SMALL SAVINGS					
1 Post Office Savings Banks					
a. Saving banks					
i)	No. of Post offices offering saving bank transaction	No.	57	238	258
ii)	No. of saving bank accounts	No.	NA	NA	3,90,557
b.	Amount deposited	Rs. In crore	0.21	4.50	228.50
c.	Other deposits (NSC/KVP)	Rs. In crore	0.0004	10.05	85.58
XVIII BANKING					
1	Banking offices	No.	5	298	799*
2	Banking deposits	Rs. In crore	9.05	935.44	55,611.52*
3	Bank credits	Rs. In crore	3.03	320.65	17,469.66*
4	Per capita bank deposits	in Rs.	144	8,029	2,78,495*
5	Per capita bank credit	in Rs.	48	2,752	87,486*
XIX INSURANCE					
1 Life Insurance Corporation of India (LIC)					
a.	New policies	No.	1,736	17,046	73,857
b.	Sum insured on new policies	Rs. In lakh	99.19	4,790	1701.886 #
c.	Premium paid on new policies	Rs. In lakh	NA	178.24	129.42 #
2 General Insurance @					
a.	Policies	No.	4,010	53,409	2,77,067
b.	Premium paid	Rs. In lakh	15.28	1,089.13	91.89 #

(*) Figures are for the year 2014-15. (#) Figures are Rs. in crore. (@) Relates to United India Panaji & Margao Oriental Panaji, Sanvordem, Margao & Vasco , New India Panaji,Vasco,Ponda,Mapusa & Margao in column 6.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2015-16
1	2	3	4	5	6
XX	STATE FINANCE				
1	Receipts				
a.	Revenue receipts	Rs. In crore	NA	158.48	8,953.40
b.	Capital receipts	Rs. In crore	NA	78.84	22,608.21
c.	Total receipts	Rs. In crore	7.00	237.32	31,561.61
2	Expenditure				
A.	Development Expenditure				
i.	On revenue A/C	Rs. In crore	NA	121.31	6,455.29
ii.	On Capital A/C	Rs. In crore	NA	52.21	2,008.30
B.	Non Development Expenditure				
i.	On revenue A/C	Rs. In crore	NA	38.18	2,635.20
ii.	On Capital A/C	Rs. In crore	NA	24.71	1,396.16
	Total (A + B)	Rs. In crore	6.08	236.41	12,494.95
XXI	STATE INCOME *				
1	Net state domestic product				
i.	At current prices	Rs.in crore	29.14	607.87	44,814.86 (Q)
ii.	At constant prices (2004-05)	Rs.in crore	NA	354.30(c)	27,529.66 (Q)
2	Per capita net state domestic product				
i.	At current prices	In Rs.	434	5,277	2,30,648 (Q)
ii.	At constant prices (2004-05)	In Rs.	NA	3,076(c)	1,41,686 (Q)

(NA) Not available. (*) Figures in column 6 is for the year 2014-15. (C)Base year 1980-81. (Q) Quick