



**STATE OF GOA**

## **Indicators of Socio Economic Development - 2018**



**DIRECTORATE OF PLANNING, STATISTICS AND EVALUATION  
GOVERNMENT OF GOA  
PORVORIM-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 2017-18

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 2017-18 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.

**Porvorim - Goa**

**Date: 19/12/2018**

**Dr.Y. Durga Prasad**  
**Director**

## INDICATORS OF SOCIO ECONOMIC DEVELOPMENT 2017-18

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
	<b>I. POPULATION ( Census)</b>		<b>(1961)</b>	<b>(1981)</b>	<b>(2011)</b>
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
	<b>II. AGRICULTURE</b>				
1	Area under high yielding/local varieties of paddy	Ha.	50,302 *	37,955	38,520
2	Area under sugarcane	Ha.	70	1,700	910

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

At serial (I) 1 to 10 Source is Directorate of Census Operation.

At serial (II) 1 to 5 Source is Directorate of Agriculture.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>II AGRICULTURE (Contd.)</b>					
3	Area covered under plant protection measures	Ha.	2,220	18,432	41,000
4	Seedling & sapling distributed through the Department	No. in lakh	Nil	1.78	0.48
5	<b>Average yield</b>				
	a) Cashew nut	Kgs/Ha	92	233	498
	b) Rice	Kgs/Ha	1,060	2,101	2,674
	c) Coconut	No./Ha	3,784	4,600	5,030
	d) Ragi	Kgs/Ha	284	914	-
6	Government land distributed to landless persons since inception				
	a) Persons benefitted	No.	Nil	7,639	2
	b) Total land distributed	Ha.	Nil	55.17	200 *
7	a) Villages/Cities cadastrally surveyed	No.	Nil	398	425 #
	b) Villages promulgated	No.	Nil	359	277
	c) Villages partly promulgated	No.	Nil	-	143
<b>III ANIMAL HUSBANDRY &amp; VETERINARY SERVICES</b>					
1	Total number of animals treated	No. in lakh	NA	NA	2.92
2	Vaccinations performed	No. in lakh	0.46	8.28	2.23

(\* ) Sq. mts. (#) Out of total 425 there are 420 villages and 5 are cities namely Panaji, Vasco, Margao, Mapusa and Cunchelim. (NA) Not available.

At serial (II) 6 a to b Source is Collectorate of North & South. At serial 7 a to c Source is Directorate of Settlement of Land Records. At serial (III) 1 to 9 Source is Directorate of Animal Husbandry & Veterinary Services.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>III ANIMAL HUSBANDRY &amp; VETERINARY SERVICES (Contd.)</b>					
3	Veterinary hospitals	No.	Nil	1	5
4	Veterinary dispensaries	No.	Nil	17	26 *
5	Veterinary doctors and surgeons	No.	1	31	48
6	Key village scheme				
	i) Central semen production centre	No.	NA	1	1
	ii) Central semen production sub-centre	No.	NA	67	49
7	Milk distributed through Government/ Goa State Co-operative Milk Union Dairies	lakh litre	Nil	77.4	350.78
8	Subsidy disbursed to dairy development	Rs. In lakh	Nil	5.78	4,726.75
9	Total net weight of meat produced	Tonnes	708	18,998	8,401.00
<b>IV FOREST #</b>					
1	Timber production	Cu.mt.	NA	8,578	5817.91
2	Fuel wood production	Cu.mt.	NA	27,727	1922.111

(\* ) Includes 24 Veterinary Dispensaries and 2 mobile Clinics. (NA) Not available.

(#) Figures in column 6 are Provisional.

At serial (IV) 1 to 7 Source is Conservator of Forests.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>IV FOREST (Contd.) #</b>					
3	Pole production	No.	NA	6,050	208
4	Cane production	No.	NA	1,14,614	0
5	Bamboo production	No.	NA	26,500	27,900
6	Area brought under plantation				
	<b>a) New plantations</b>				
	i) Casuarina	Ha.	Nil	50	0
	ii) Mangrove	Ha.	Nil	0	0
	iii) Mixed block plantation	Ha.	Nil	0	2
	iv) Canes	Ha.	Nil	0	7.5
	v) Medicinal plants	Ha.	Nil	0	0
	vi) Bamboo's	Ha.	Nil	120	10
	vii) Jatropha	Ha.	Nil	-	0
	<b>b) Enrichment</b>				
	i) Mixed species	Ha.	NA	714	0
7	Revenue realised	Rs. In lakh	Nil	52.77	491.78
<b>V FISHERIES</b>					
<b>1</b>	<b>Marine fish catch</b>				
	i) Quantity	Tonnes	17,186	48,927	1,18,465
	ii) Value	Rs. In lakh	78.50	2,214.50	1,45,894
2	Beneficiaries given subsidy for mechanised boats and O.B.M. including wooden/FR crafts	No.	NA	291	233

(NA) Not available. (#) Figures in column 6 are Provisional.

At serial (V) 1 to 3 Source is Directorate of Fisheries.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>V FISHERIES (Contd.)</b>					
<b>3</b>	<b>Financial assistance provided</b>				
	i) Loan	Rs. In lakh	Nil	131.30	-
	ii) Subsidies	Rs. In lakh	Nil	65.00	202.87
<b>VI INDUSTRY AND COMMERCE</b>					
1	Factories registered under Factories Act, 1948	No.	34	358	1,563
2	Factories in operation registered under Factories Act, 1948	No.	34	240	819
3	Estimated average number of workers employed daily in registered factories	No. in '000'	NA	17	90
4	Micro, Small & Medium Enterprises	No.	46	3,527	-
5	Estimated average number of workers employed daily in MSME	No. In '000'	NA	26	-
6	Shed in Industrial Estates	No.	Nil	474	712 *
7	Goa Investment Promotion Board (Projects cleared)	No.	-	-	172
8	a) Udyog Aadhar Memorandum	No.	-	-	1203
	b) Estimated average No. of workers employed daily in Udyog Aadhar	No. in "000"	-	-	13
9	Joint Stock Companies				
	i) Private	No.	10	625	4099 #
	ii) Public	No.		46	254 #

(NA) Not available. (\*) Goa Industrial Development Corporation (GIDC) has discontinued construction of sheds in the Industrial Estate. (#) Total No. of active companies, includes Daman & Diu. At serial (VI) 1 to 3 Source is Inspectorate of Factories & Boilers. At serial 4,5,7 & 8 Source is Industries, Trade & Commerce. At serial 6 Source is GIDC. At serial 9 Source is Registrar of Companies.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>VII MINING</b>					
1	Ore Exports				
i	Iron Ore	Lakh Tonnes	65.28	134.72	99.26
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	0.00
<b>VIII POWER #</b>					
1	Towns electrified	No.	13	392	Fully
2	Villages electrified	No.	13	392	Fully
3	Electricity consumed	M.Kwh	7.87	354.38	3494.72
4	Per Capita consumption of electricity	Kwh	13	368	2275 *
5	Industrial power consumption	M.Kwh	NA	168.26	2053.75
6	Industrial consumption to total consumption of electricity	Percent	NA	47.48	58.77
7	Domestic consumption of electricity	M.kwh	NA	77.38	924.14
8	Other consumption	M.kwh	-	-	516.83

(NA) Not available. (\*) Per capita figure is derived based on projected population of 15.36 lakh.

(#) Figures in column 6 are Provisional, submitted to JERC in Tariff Plan 2017-18.

At serial (VII) 1 i to v Source is Directorate of Mines & Geology. At serial (VIII) 1 to 8 Source is Electricity Department.



Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>IX. TRANSPORT</b>					
1	<u>Motor vehicles</u>				
	a) Motor Vehicles in operation	No. in lakh	0.09	0.78	13.23
	b) Motor Vehicles per lakh population	No.	1,361	7,876	77,220
2	<u>Bus routes &amp; public bus services</u>				
	a) Bus routes	No.	NA	367	746 #
	b) Buses /Mini buses plying on the roads	No.	90	1,152	12,166
3	<u>Inland navigation</u>				
	a) No. of passengers travelled by water ways	No. in lakh	29.39	316.50	100.00 *
	b) Cargo carried	Tonnes	3,000	29,015	71,902.10
<b>X. SHIPPING</b>					
1	<b>Foreign Trade</b>				
	a) Steam vessels cleared	No.	393	269	542
	b) Net registered tonnage	Lakh tonnes	16.70	45.60	122.91
	c) Gross registered tonnage	Lakh tonnes	NA	NA	211.65

(#) Figures are for the year 2016-17. (NA) Not available. (\*) approximately

At serial (IX) 1 to 2 Source is Directorate of Transport. At serial 3 a to b Source is Captain of Ports.

At serial (X) 1 to 3 Source is Mormugao Port Trust (MPT)

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>2</b>	<b>Coastal Trade</b>				
A	i. Steam vessels cleared	No.	NA	156	123
	ii. Net registered tonnage	Lakh tonnes	NA	7.80	12.25
	iii. Gross registered tonnage	Lakh tonnes	NA	NA	26.31
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	124.48
	ii. Unloaded	Lakh tonnes	1.60	12.60	144.49
	iii Transshipment	Lakh tonnes	NA	NA	-
	<b>XI COMMUNICATION</b>				
	<b>A. Post &amp; Telegraphs</b>				
1	Post Offices	No.	81	220	256
2	Letter Boxes	No.	219	694	882
3	Postmen	No.	144	234	272
4	Letters, Postcards, Newspapers, Parcels & Packets	No. in lakh	150	683	40.18
5	Money Orders				
	i. Issued	No. in lakh	90	69	463
	ii. Paid	No. in lakh	82	48	182

(NA) Not available

At serial (XI) A 1 to 5 Source is Department of Posts.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>B. Telecommunication #</b>					
1	Telephone Exchanges/Telex	No.	5	39	144
2	Telephone sets	No.	548	16,149	1,07,643
3	Public call offices including payphones	No.	5	99	803
<b>XII LITERACY &amp; EDUCATION</b>					
<b>1 Literacy rates(1960,1981 &amp; 2011)</b>					
a.	Males	Percent	39.04	65.99	92.6
b.	Females	Percent	23.01	48.29	84.7
	Total	Percent	30.75	57.25	88.70
<b>2 Primary Education (Std I to IV)</b>					
a.	Schools at primary level	No.	476	1,232	1,157
b.	Pupils at primary level	No.	43,244	1,18,828	97,044
c.	Teacher's at primary level	No.	679	4,047	4,162
<b>3 Middle Education (Std V to VII)</b>					
a.	Schools at middle level	No.	***	410	472
b.	Pupils at middle level	No.	***	82,665	71,160
c.	Teacher's at middle level	No.	***	2,350	2,975
<b>4 Secondary Education (Std VIII to X)</b>					
a.	Schools at secondary level	No	119	303	408

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

At serial (XI) B 1 to 3 Source is BSNL. At serial (XII) 1 Source is Directorate of Census Operation.

At serial (XII) 2,3,4 & 5 Source is Directorate of Education.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>XII LITERACY &amp; EDUCATION</b>					
b.	Pupils at secondary level	No.	9,511	58,642	71,630
c.	Teacher's at secondary level	No.	1,089	3,084	3,433
<b>5 Higher Secondary Education (Std XI to XII)</b>					
a.	Schools at higher secondary level	No.	Nil	23	100
b.	Pupils at higher secondary level	No.	Nil	12,668	36,975
c.	Teacher's at higher secondary level	No.	Nil	375	1790
<b>6 Vocational &amp; Professional Education (Post matric level)</b>					
a.	Schools	No.	4	30	65
b.	Pupils	No.	411	5,412+	10,326
<b>7 Teacher's at training institutions</b>					
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	214
ii.	At Degree level	No.	Nil	191	506 *
<b>8 University / Colleges</b>					
a.	Colleges/Universities	No.	Nil	20	70 #
b.	Enrolment	No.	Nil	9,781++	49,642

(+) Including enrolment of Teacher's Training Institution at post matric level. (++) Including enrolment of Teacher's Institutions at Degree Level. (\*) Includes students who are appearing for 1st & 2nd year. (#) Includes 56 colleges, 3 Universities & 11 Standalone (AISHE) report 2017-18. At serial (XII) 6 Source is Directorate of Education & Skill Development & Entrepreneurship. At serial 7 Source is DIET, VETAL, NIRMALA, DADA VAIDYA & PES college of Education. At serial 8 Source is Directorate of Higher Education.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
c.	Women students in colleges	No.	Nil	4,590	24,898
d.	Teachers in colleges	No.	Nil	517	2,889
e.	Out turn of graduates & post graduates	No.	Nil	2,054	8,899
<b>XIII HEALTH &amp; VITAL STATISTICS</b>					
<b>1 Health</b>					
a.	Government Hospitals	No.	17	31	32 ^
b.	Beds in Government Hospitals	No.	1,098	2,371	3,031
c.	Private Hospitals	No.	85	83	118 (P)
d.	Beds in Private Hospitals	No.	1,405	1,312	2756 (P)
e.	Population served per bed (Govt.)	No.	211	310	565
f.	Health centres including maternity, Dental sub centres & medical dispensaries (Govt)	No.	20	214	320
g.	Area served per hospital	Per Sq.kms	34.27	32.19	24.7
h.	Family welfare centres	No.	Nil	252	284
i.	Patients treated indoor (Govt. hospitals)	No in lakh	0.12	0.6	2.10
j.	Patients treated outdoor (Govt. hospitals)	No in lakh	0.55	8.32	11.94
k.	Population served per hospital (Government + Private)	No.	10,316	9,943	10,240 *
<b>2 Vital Statistics</b>					
A	Birth rate (Birth rate per 1000 population)	No.	31.39	18.24	13.34 #
B	Death rate (Death rate per 1000 population)	No.	13.39	6.72	8.22 #
C	Infant mortality rate (Infant deaths per 1000 live births)	No.	69.77	24.88	11.82 #

(^) Includes only bedded Hospitals. (P) Provisional. (\*) Based on projected population of 15.36 lakh.

(#) Figures given is for the calender year 2017 & Provisional.

At serial (XIII) 1 a to k Source is Directorate of Health Services. At Serial 2 A to C Source is Directorate of Planning, Statistics & Evaluation.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>XIV WATER SUPPLY</b>					
1	Total Capacity	MLD	6.62	94.64	403.74
2	Water consumed	MLD	3.97	71.92	490.72
<b>XV TOURISM AND JOURNALISM</b>					
1	Hotels/lodging/houses including paying guests houses	No.	25	252	4,399
2	Beds in Hotels/lodging/guest houses	No.	453	10,749	90,413
3	Tourists who visited the state				
	a. Foreign	No. in lakh	NA	1.01	9.52
	b. Domestic	No. in lakh	NA	6.39	70.32
4	Daily newspapers	No.	4	7	15
5	Other periodicals	No.	5	18	44
<b>XVI CO-OPERATION</b>					
1	Co-operative societies registered	No.	Nil	744	4,882
2	Co-operative societies in operation	No.	Nil	610	4,805
3	Total working capital	Rs. In crore	Nil	135.89	7983.16
4	Loan advanced to members	Rs. In crore	Nil	37.60	2044.24
5	Co-operating banking offices	No.	Nil	53	143

(NA) Not available.

At serial (XIV) 1 to 2 Source is Public Works Department (PWD). At serial (XV) 1 to 3 Source is Directorate of Tourism. At serial 4 to 5 Source is Information & Publicity. At serial (XVI) 1 to 5 Source is Department of Co-operation.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>XVII SMALL SAVINGS</b>					
1	<b>Post Office Savings Banks</b>				
a.	Saving banks				
i)	No. of Post offices offering saving bank transaction	No.	57	238	256
ii)	No. of saving bank accounts	No.	NA	NA	1,53,381
b.	Amount deposited	Rs. In crore	0.21	4.50	203.71
c.	Other deposits (NSC/KVP)	Rs. In crore	0.0004	10.05	255.32
<b>XVIII BANKING</b>					
1	Banking offices	No.	5	298	833 *
2	Banking deposits	Rs. In crore	9.05	935.44	67511.16 *
3	Bank credits	Rs. In crore	3.03	320.65	20205.96 *
4	Per capita bank deposits	in Rs.	144	8,029	4,45,324 *
5	Per capita bank credit	in Rs.	48	2,752	1,33,285 *
<b>XIX INSURANCE</b>					
1	<b>Life Insurance Corporation of India (LIC)</b>				
a.	New policies	No.	1,736	17,046	75,138
b.	Sum insured on new policies	Rs. In lakh	99.19	4,790	2,12,456
c.	Premium paid on new policies	Rs. In lakh	NA	178.24	24921.45
2	<b>General Insurance</b>				
a.	Policies	No.	4,010	53,409	2,04,351
b.	Premium paid	Rs. In lakh	15.28	1,089.13	188.60 #

(NA) Not available. (\*) Figures are for the year 2016-17. (#) Figures are in Crores.

At serial (XVII) 1 a to c Source is Department of Posts. (Mapusa). At serial (XVIII) 1 to 5 Source is Directorate of Planning, Statistics & Evaluation. At serial (XIX) 1 a to c Source is Life Insurance Corporation of India (LIC). At serial 2 a to b Source is United India Panaji & Margao, Oriental Panaji, Sanvordem, Margao & Vasco, New India Panaji, Vasco, Ponda, Mapusa & Margao.

Sl. No.	Item	Unit	Pre Liberation or immediately after Liberation	1987	2017-18
1	2	3	4	5	6
<b>XX STATE FINANCE</b>					
<b>1 Receipts</b>					
a.	Revenue receipts	Rs. In crore	NA	158.48	10921.36 *
b.	Capital receipts	Rs. In crore	NA	78.84	18154.56 *
c.	Total receipts	Rs. In crore	7.00	237.32	29075.92 *
<b>2 Expenditure</b>					
<b>A. Development Expenditure</b>					
i.	On revenue A/C	Rs. In crore	NA	121.31	7304.88 *
ii.	On Capital A/C	Rs. In crore	NA	52.21	2964.18 *
<b>B. Non Development Expenditure</b>					
i.	On revenue A/C	Rs. In crore	NA	38.18	3307.42 *
ii.	On Capital A/C	Rs. In crore	NA	24.71	1703.74 *
	Total (A + B)	Rs. In crore	6.08	236.41	15280.22 *
<b>XXI STATE INCOME</b>					
<b>1 Net State Domestic Product (Base year 2011-12)</b>					
i.	At current prices	Rs.in crore	29.14	607.87	64150.42 **
ii.	At constant prices	Rs.in crore	NA	354.30(c)	48659.70 **
<b>2 Per capita Net State Domestic Product (Base year 2011-12)</b>					
i.	At current prices	In Rs.	434	5,277	420383 **
ii.	At constant prices	In Rs.	NA	3,076(c)	318871 **

(NA) Not available. (C) Base year 1980-81. (\*) State Finance figures for the year 2017-18 are Revised Estimates taken from Annual Financial Statement. (\*\*) State Income figures for the year 2017-18 are Advance Estimates.

At serial (XX) & (XXI) Source is Directorate of Planning, Statistics & Evaluation.