

EDUCATIONAL STATISTICS

DISTRICT-WISE

1981-82

(Vol. IX)

GOA, DAMAN & DIU



MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF EDUCATION
PLANNING, MONITORING AND STATISTICAL DIVISION
GOVERNMENT OF INDIA

NEW DELHI

1988

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1988

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P R E F A C E

This volume on District-wise Educational Statistics for the Union Territory of Goa, Daman and Diu is the ninth in the series of such volumes being brought out for all the states and Union Territories. The main aim is to highlight the inter-district variations by giving Educational data at district levels with the help of some important indices such as enrolment ratio, percentage of trained teachers, pupil teacher ratio and area served by a school etc.

In order to ascertain whether the educational imbalances have widened or narrowed down with time, the data for the year 1981-82 have been analysed and compared with that of 1976-77.

I would take this opportunity to place on record our appreciation of the Co-operation received from the Director, Public Instructions, Goa, Daman and Diu and the project staff of the Planning, Monitoring and Statistics Division who have prepared this report.

NEW DELHI, 1988.

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INTRODUCTION

Regional imbalances exist in the field of Educational Development, ~~too just~~ as in urbanisation, Industrialisation, distribution of income and wealth etc. With a view to highlight national variations in the educational sector, the Ministry of Human Resource Development bring out the publication Educational Statistics-District-wise quinquennially.

2. A volume of this nature was first published by National Council of Educational Research and Training in 1960-61. There after it was decided that such reviews will be brought out in respect of each state and Union Territory every five years by the Ministry of Human Resource Development. Accordingly, the reviews for the year 1965-66 were brought out by this Ministry in respect of some states. However, for the quinquennial year 1976-77, such reviews were brought out for all the states and Union Territories with legislature.

3. For making inter-district Comparisons possible, some important indices such as Enrolment ratio, percentage of trained teachers and teacher pupil ratio etc have been worked out. These indices show wide range of variations between the districts and are of much need for formulation educational plans at the districts level.

II AREA AND POPULATION

4. The area of Union Territory of Goa, Daman and Diu is 3814 sq. kms. as per 1981 census. It has 3 districts. The district wise area in Goa, Daman and Diu varies from 40 sq. kms. in case of Diu district to 3702 sq. kms. in case of Goa district in 1981

5. The estimated population of Union Territory of Goa, Daman and Diu was 10.33 Lakhs (5.07 Lakhs males and 5.26 Lakhs females) (estimated) in 1976-77 whereas the census population was 11.14 Lakhs (5.26 Lakhs males and 5.52 Lakhs females) in 1981. The population varies among the districts from 10.34 Lakhs in Goa district to 0.31 Lakhs in Diu district.

6. The overall density of population per sq. km. was 271 in 1977 which increased to 292 in 1981 in the Union Territory of Goa, Daman and Diu. The density of population in 1981 varied widely among the districts from 780 the highest in Diu district to 279 the lowest in Goa. The area total population and density of population for different districts for the years 1977 and 1981 are given in Appendix No. 2 Table No. I below gives a general view of the extent of variation in area, population and the density of population for different districts for the years 1977 and 1981 are given in Appendix No. 2 Table No. I below gives a general view of the extent of variation in area, population and the density of population in 1981.

TABLE No. 1 EXTENT OF VARIATION IN AREA, POPULATION AND DENSITY OF POPULATION IN 1981

S.No.	Name of the District	Percentage share of Area	Percentage share of Population	Density of Population
1	2	3	4	5
1	Goa	97.06	92.72	279
2	Daman	1.89	4.48	693
3	Diu	1.05	2.80	780
	Total	100.0	100.0	100.0

7. The population of Goa, Daman and Diu of different age-groups for the years 1977 and 1982 given in this report are based on the revised population (as on 1st March of the year) available from the office of the Registrar General of India. District-wise population in the age-groups 6-11, 11-14, 14-17 are based on the following formula:-

We assume that

$$\frac{P_{6-11}}{P} = \frac{P_i \text{ 6-11}}{P_i} = K$$

$$\therefore P_i \text{ 6-11} = KP_i \text{ Where } K = \text{is estimated from the formula}$$

$$K = \frac{P_{6-11}}{P}$$

P_{6-11} = Denotes 6-11 age group population of the state.

P = Total population of the state

$P_i \text{ 6-11}$ = Total 6-11 age group population of the i th district

P_i = Total population of the i th district.

8. To get the sex-wise break-up of total population in the various age-groups of the districts, first the population of the girls is estimated by using the above formula. The boys population is obtained by subtracting girls population from total estimated population.

9. The total population of the children in the age-group 6-11 was 1.28 Lakhs (0.64 Lakhs boys and 0.64 Lakhs Girls) in 1977 which is estimated to have increased to 1.29 Lakhs (0.66 Lakhs and 0.63 Lakhs Girls) in 1982. The population in the age group 6-11 years is 1.55% of the total population.

10. The total population of children in the age-group 11-14 was 0.74 Lakhs (0.36 Lakhs boys and 0.38 Lakhs Girls) in 1977 which is estimated to have increased to 0.80 Lakhs (0.41 Lakhs boys and 0.39 Lakhs Girls) by 1982. The percentage of population in the age group 11-14 to total population in 1982 was 7.20%.

11. Similarly the population in the age-group 14-17 in 1977 was 0.73 Lakhs (0.36 Lakhs boys and 0.37 Lakhs Girls) which is estimated to have increased to 1.01 Lakhs (0.52 Lakhs boys and 0.49 Lakhs Girls) by 1982. Population in the age-group 14-17 formed 9.04% of the total population in 1982.

12. Out of the total census population of 11.15 Lakhs in 1981 of the union territory of Goa, Daman and Diu, the school-going population in the age-group 6-17 years was 3.10 Lakhs consisting of 1.60 Lakhs boys and 1.50 Lakhs Girls. The population in the age-group 6-17 years constituted 27.8% of the total population. The percentage for boys was 28.4% while for girls it was 27.2%. The district-wise population of different age-groups is given in Appendix No. 3.

III LITERACY

13. According to the 1981 Census the literacy Rate i.e., the number of literates per hundred of the population in the Union Territory of Goa, Daman and Diu is 56.7. The literacy rates for males and females is 65.6 and 47.6 per hundred respectively. The highest literacy is in Goa (57.2%) and the lowest in Diu (44.5%) The literacy rate of Scheduled Castes is 38.4 and Scheduled Tribes 26.5 in Union Territory of Goa, Daman and Diu. The details are given in the Appendix No. 6.

IV. GENERAL VIEW

(a) INSTITUTIONS

14. The total number of Educational Institutions in Goa, Daman and Diu was 1560 in 1976-77 which increased to 2099 by 1981-82 showing an increase of 34.6% during the period of 5 years. Goa had the largest share of institutions (95.2%) whereas Diu had the lowest (1.9) in 1981-82. The district-wise position of institutions is given in Appendix No. 1.

(b) ENROLMENT

15. The total enrolment in all Recognised Educational Institutions in Union territory of Goa, Daman and Diu increased from 2.28 Lakhs in 1976-77 to 2.85 Lakhs in 1981-82. The enrolment increased with an average annual growth rate of 0.65% Goa had the largest share in enrolment i.e., 92.7% whereas Diu had the lowest share of enrolment i.e. 2.5% in 1981-82. District-wise position of enrolment and % share is given in Appendix No. 1.

The percentage of girls enrolment to total enrolment was 43.6% in 1976-77 which slightly increased to 45.5% by 1981-82. Among the districts Goa had the maximum (45.8) percentage of girls enrolment to total enrolment whereas Diu had the minimum (37.2) in 1981-82. Details are shown in Appendix No. 4,

(c) EXTENT OF COVERAGE OF SCHEDULED CASTES AND SCHEDULED TRIBES

17. The extent of coverage of Scheduled Castes/Scheduled Tribes on the Co-efficient of equality is defined as:-

$$I = \frac{\text{Percentage of Enrolment of scheduled Castes/Scheduled Tribes to total enrolment.}}{\text{Percentage of Population of Scheduled Castes/Scheduled Tribes to total population}} \times 100$$

In Goa, Daman and Diu in 1981-82 the percentage of Scheduled Castes and Scheduled Tribes students to total number of students was 1.3% (2.0% for boys and 1.7% girls) and 0.7% (0.8% for boys and 0.5% for girls) respectively. The percentage for Scheduled Castes and Scheduled Tribes population to total population was estimated to be 2.2% and 1.0% respectively. Therefore, the extent of Coverage or Co-efficient of equality at Union territory level works out to be 81.8% and 70.0% respectively. In case of Scheduled caste students the highest extent of Coverage varied from 100% in Goa to 42.9% in Diu in case of Scheduled Tribes students District-wise position for Scheduled Caste and Scheduled Tribes students can be seen from Appendix No. 7 and 8 respectively.

(d) TEACHER

19. The total number of teachers in the Union territory of Goa, Daman and Diu in all educational Institutions was 71 in 1976-77 which increased to 9731 in 1981-82 showing an average annual rate 1.45% during this period. Goa had the largest share of teachers 94.0%, whereas Diu had the smallest i.e., 2.5%. Details may be seen in Appendix No. 1.

20. In 1981-82 total number of teachers up to school level was 9731 (4321 males and 4910 females) out of which 7657 (4021 males and 3636 females) were trained teachers. The percentage of trained teachers to the number of males, females and total number of teachers in school education was 83.4%, 74.1% and 78.7% respectively. The percentage of trained teachers to total number of teachers had minor variation among the districts of the union Territory, viz 81.1% in Diu to 77.9% in Daman district. Details may be seen in Appendix No. 5.

V- Pre-Primary Education

21. There was no pre-primary school in 1981-82 shown. However, some talwadis/Anganwadis are run by the social welfare Department.

VI - PRIMARY EDUCATION

INSTITUTIONS AND TEACHERS

22. Total number of primary schools in Union Territory of Goa, Daman and Diu increased from 891 in 1976-77 to 975 by 1981-82. The highest percentage share of primary schools was in Goa (97.4) and the lowest in Diu (1.0). Average area served by a primary school was 4.3 sq. kms. in 1976-77 and 3.9 sq. kms. in 1981-82. The average area served by a primary school was minimum in Goa (3.9sq. kms) and maximum in Daman district (4.8 sq. kms.)

23. The average population served by a primary school in the union Territory of Goa, Daman & Diu was 1159 in 1976-77 and 1115 in 1981-82. Among the districts the facilities of primary schools was maximum in Goa as an average a primary school served 1061 persons whereas it was minimum in case of Daman as for 3240 persons only a primary school was available. Details are given in Appendix no. 11.

24. The total number of teachers in primary schools in Goa, Daman and Diu increased from 2684 in 1976-77 to 2934 in 1981-82 out of which 92.2% (93.8% Men and 90.6 women) were trained teachers in 1981-82. In 1981-82 the highest percentage share of teachers was in Goa district i.e., 96.6% and the lowest in Diu district i.e., 1.6%. Women teachers formed 49.1% of the total teachers in Primary schools in 1981-82. The details are given in Appendix No. 13.

ENROLMENT

25. The total enrolment in primary schools in Goa, Daman & Diu increased from 75577 in 1976-77 to 86465 in 1981-82. In classes I to V, the enrolment increased from 141370 (78049 Boys and 63321 girls) to 160439 (86648 boys and 73791 Girls) during this period, with an average annual increase of 2.7%. Education has been progressing at primary school level in the union territory of Goa, Daman and Diu.

26. The percentage of enrolment in classes I-V to the corresponding population in the Age-group 6-11 (also called the enrolment Ratio) gives an index of the facilities created at primary stage of Education. In Goa, Daman & Diu, this percentage increased from 111.3% to 124.6% during the period under review. In case of boys, the enrolment ratio increased from 122.9% to 131.0% and for Girls the increase was from 99.9% to 117.9%. In 1981-82 the enrolment ratio was maximum in Daman (144.8%) and minimum in Diu (118.9%) In case of Girls the enrolment varied from 139.3% in Daman to 85.0% in Diu.

In 1981-82, the number of teachers in primary schools was 2034 (1494 men and 1440 women). The pupil teacher ratio was 28 in 1981-82. Details of district-wise are given in Appendix. No. 13.

ENROLMENT OF SCHEDULED CASTES AND SCHEDULED TRIBES

27. In 1981-82 out of 1.60 Lakhs in classes I-V, 0.04 Lakhs and 0.02 Lakhs belonged to Scheduled Castes and Scheduled Tribes forming 2.3% and 1.0% respectively. Hence the extent of Coverage of Scheduled Castes and Scheduled Tribes in these classes works out to be 104.5% and 45.5% respectively. District-wise details of enrolment of Scheduled Castes and Scheduled Tribes and their percentage etc are given in Appendix. No. 14 and 15.

PRIMARY EDUCATION IN RURAL AREAS

28. In 1981-82 of the total 975 Primary Schools, 866 (88.8%) existed in rural areas the highest number of primary schools have been reported in rural areas of Goa (84.6) followed by Daman (13) and minimum in Diu (7)

Enrolment in all primary schools of the rural areas of the U.T. was 75076 in 1981-82. At the same time enrolment in primary classes I-V in rural areas was 96629 (52021 boys and 44608 girls).

29. The total number of habitations in the U.T. in 1981-82 was 2352 out of these habitations, 927 habitations had primary schools in them. The 1020 habitations had primary schools with in a distance of 1 K.M. and 405 habitations had primary Schools with in a distance of 2 K.M. during 1981-82. The District wise details are given in Appendix No. 17

VII- MIDDLE EDUCATION-

INSTITUTIONS AND TEACHERS

30. The total number of Middle Schools in the U.T. increased from 131 in 1976-77 to 150 in 1981-82 showing an average increase of 2.9% during the period of 5 Years. In 1981-82 the largest number of middle schools were reported in Goa (132) followed by Daman (12) and Diu (6) Though the number of middle school increased in Goa District from 107 in 1976-77 to 132 in 1981-82 but it is decreased in Daman from 17 in 1976-77 to 6 in 1981-82. Similarly, in Diu it is decreased from 7 in 1976-77 to 6 in 1981-82.

31. On an average a middle school served an area of 29.1 sq. km, in 1976-77. The position slightly improved by 1981-82 as there was a middle school available for every 25.4 sq. kms. In Goa it is increased from 34.6 sq. kms in 1976-77 to 28 sq kms in 1981-82. In Diu the position remain the same i.e. 4.2 sq. k.m. and in Diu it is decreased from 5.7 in 1976-77 to 6.7 in 1981-82.

32. The population served by a middle school in the U.T. was 7885 in 1976-77. The position slightly improved by 1981-82 as a middle school was available for 7245 persons. Among the district, the population served by a middle school in 1981-82 varied from 7634 in Goa, 5066 in Diu and 4050 in Daman. District-wise details are given in Appendix No. 18.

ENROLMENT

33. The total enrolment in middle school was 36218 in 1981-82. The enrolment at middle stage i.e. in classes VI-VIII increased from 46273 (27000 Boys and 19273 Girls) in 1976-77 to 66330 (37238 Boys and 29092 Girls) in 1981-82. This shows an average annual increase of 0.7%. The average annual enrolment increase separately for boys and girls are 7.6% and 10.2% respectively.

34. The percentage of enrolment in classes Vi-VIII to corresponding population in the Age-group 11-14 years i.e. enrolment ratio, gives an index of facilities available at the middle stage of education. In Goa, Daman and Diu this percentage was 82.7% (89.4 Boys and 75.4 Girls). The percentage increase in classes VI-VIII during 1976-77 to 1981-82 is 43.3 (37.9 Boys and 50.9 girls) District wise details are given in Appendix No. 19.

ENROLMENT OF SCHEDULED CASTES AND SCHEDULED TRIBES

35. Of the total enrolment of 66330 in classes VI-VIII 1037 (684 Boys and 353 Girls) belonged to scheduled castes and 140 (102 Boys and 38 girls) belonged to scheduled Tribes in 1981-82 forming 1.7 and 0.2 percentage respectively. District-wise details are given in Appendix No. 21 and 22.

MIDDLE SCHOOL EDUCATION IN RURAL AREAS

36. Out of 150 middle schools in the U.T. Administration, 133 belonged to rural areas out of these, 118 situated in Goa, District, in Diu and 4 in Daman. The enrolment in middle schools of rural areas was 19762 (11615 Boys and 8147 girls) in 1981-82.

The total number of habitations in the U.T. in 1981-82 were 2352. Out of these 52 habitations only 243 had a middle school within 1 k.m., 830 habitations had a middle school within 2 kms, 1109 had a middle school within 3 kms, 119 had a middle school within 4 k.m. and had a middle school within 5 k.m. The district wise details are given in Appendix No. 24.

ENROLMENT BY STANDARD

Appendix No. 25 depicts class-wise enrolment from classes I to VIII in 1981-82. The decrease trend of enrolment in each class over the previous class has been observed. Percentage enrolment of class V to that of class I worked out to 73% and of class VIII to the class I as 59.6%.

VIII- HIGH/HIGHER SECONDARY EDUCATION

INSTITUTIONS AND TEACHERS

There were 235 High/Higher secondary schools in 1976-77 which increased to 265 in 1981-82 showing an annual increase of 2.66% during the period of 5 years. Among the districts, during 1981-82 the largest number of High/Higher secondary schools 254 exist in Goa 7 exist in Daman and only 1 exists in Diu.

On an average, there was a High/Higher secondary school for every 16.2 sq. kms in 1976-77. By 1981-82, the position improved and a school was then available for every 14.4 sq. kms.

There was a High/Higher secondary school available for every 4396 persons in 1976-77. By 1981-82, a High/Higher secondary school was available for every 4101 persons. Among the districts in 1981-82, the average population served by a High/Higher secondary school varied from as high as 4813 in case of Diu District to low as 3967 in Goa district. In Daman it is 4050. District wise details are given in Appendix No. 26.

The total number of teachers in High/Higher Secondary schools in this U.T. increased from 4268 (2187 men and 2081 women) in 1976-77 to 4786 (2430 men and 2356 women) in 1981-82 showing an increase of 12.11% during the period of 5 years. The increase of teachers was observed in all the districts. The women teachers formed 49.22% of the total number of teachers in 1981-82. Out of 4786 teachers in 1981-82, 76.8% (81.3% men and 71.6% women) were trained teachers. District wise details are given in Appendix No. 28.

ENROLMENT

The total enrolment in High/Higher secondary school of the U.T. was 106228 in 1976-77 which increased to 130646 in 1981-82, showing an average annual increase of 5.72%. The enrolment in classes I/XII was 22536 (13216 Boys and 9320 Girls) in 1976-77. Which increased to 26206 (14715 Boys and 11491 Girls) in 1981-82 showing an annual increase of 3.21%. The average annual increase in enrolment of boys and girls separately works out to be 2.27% and 4.65% respectively.

The enrolment ratio for Goa, Daman & Diu at High/Higher Secondary stage, in classes IX-XII decreased from 36.2 (43.9% boys to 27.9% girls) in 1976-77 to 26.3% (28.2% boys and 23.6% girls) in 1981-82. In Goa district it is decreased from 37.7% (45.2% boys and 26.3% girls) in 1976-77 to 26.3% (28.2% Boys and 24.1% girls) in 1981-82. In other two districts i.e. Laman and Diu the same is increased from 19.5% and 18.6% in 1976-77 to 21.3% and 20.3% in 1981-82 respectively. The decrease is because of institution of 10+2 pattern in the State. The district-wise details are given in Appendix No. 27.

Out of total enrolment of 22536 in classes IX-XI/XII 283 (197 boys and 86 girls) belonged to scheduled castes and only 13 (11 boys and 2 girls) belonged to scheduled tribes in 1976-77 forming 1.3% and 0.6% respectively of the total enrolment in these classes. In 1981-82 out of total enrolment of 26206 in classes IX-XI/XII 460 (299 boys and 161 girls) belonged to scheduled castes and 53 (44 boys and 9 girls) belonged to scheduled Tribes forming 1.8% and 0.2% respectively of the total enrolment in these classes. District wise details of scheduled castes and scheduled tribes enrolment and their corresponding percentages are given in Appendix No. 29 and 30.

HIGH/HIGHER SECONDARY EDUCATION IN RURAL AREAS

Out of 265 High/Higher secondary schools in the U.T. in 1981-82, 184 belonged to these in rural areas. Out of these 184, 178 existed in rural areas of Goa Districts and only 4 existed in Laman and remaining 2 existed in Diu. The total enrolment in High/Higher secondary schools in rural areas was 89201 in 1981-82 and enrolment in classes IX-XI/XII was 117 (4113 Boys and 3004 girls) in 1981-82. The district-wise details are given in Appendix No. 31.

PROFESSIONAL, VOCATIONAL, SPECIAL AND OTHER (SCHOOL) EDUCATION

The number of schools for professional, vocational, special and other were increased from 85 in 1976-77 to 265 in 1981-82 showing an increase of 211.76% during the 5 years.

Total enrolment in professional, vocational, special and other school increased from 4542 (3402 boys and 1140 girls) in 1976-77 to 11601 (6014 boys and 5587 girls) in 1981-82. Out of 4542 student in these scheme in 1976-77 only 20 belonged to scheduled castes and 6 belonged to scheduled Tribes. In 1981-82 out of 11601, 42 belonged to Scheduled Castes and 39 belonged to scheduled Tribes. Number of teachers in professional, vocational, special and other schools increased from 142 in 1976-77 to 332 in 1981-82. The district wise details are given in Appendix No. 32.

STATISTICAL
APPENDICES

Appendix No. I Educational Statistics At A Glance

Name of the District	INSTITUTIONS				ENROLMENT			
	1976-77		1981-82		1976-77		1981-82	
	Number	Percentage share	Number	Percentage share	Number	Percentage share	Number	Percentage share
1	2	3	4	5	6	7	8	9
1. Goa	1478	94.7	1998	95.2	223811	93.0	264371	92.7
2. Daman	54	3.5	60	2.9	10299	4.3	13660	4.8
3. Diu	28	1.8	41	1.9	6513	2.7	7280	2.5
TOTAL:	1560	100.0	2099	100.0	240623	100.0	285311	100.0

Appendix No. 1. EDUCATIONAL STATISTICS AT A GLANCE

Name of the District

TEACHERS

1	2	1976-77		1981-82	
		Number	Percentage Share	Number	Percentage Share
1		10	11	12	13
1.	Goa	8565	94.4	9147	94.0
2.	Daman	325	3.6	340	3.5
3.	Diu	181	2.0	244	2.5
TOTAL:		9071	100.0	9731	100.0

APPENDIX No.2

AREA AND POPULATION

Name of the District	Area in Sq. kms.		Population in Hundreds						Density of population per sq.km.			
	1976-77	1981-82	1977			1981			1977		1981	
			Male	Female	Total	Male	Female	Total	Number	Rank	Number	Rank
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Goa	3701	3702	4716	4859	9575	5229	5106	10335	259	3	279	3
2. Daman	72	72	223	242	465	247	252	499	646	2	693	2
3. Diu	40	40	127	163	290	146	166	312	725	1	780	1
TOTAL :	3813	3814	5066	5264	10330	5622	5524	11146	271	-	292	-

APPENDIX No.3 POPULATION IN THE AGE-GROUPS 6-11, 11-14 AND 14-17 YRS.(IN HUNDREDS)

Name of the District	Age-Group of 6-11 Yrs.						Age-Group of 11-14 yrs.					
	<u>1977</u>			<u>1982</u>			<u>1977</u>			<u>1982</u>		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Goa	590	596	1176	614	578	1192	339	351	690	386	356	742
2. Daman	29	29	58	30	28	58	17	18	35	20	18	38
3. Diu	16	20	36	17	20	37	9	12	21	10	12	22
Total	635	635	1270	661	626	1287	365	381	746	416	386	802

APPENDIX No.3 POPULATION IN THE AGE GROUPS 6-11, 11-14 AND 14-17 YEARS (IN HUNDREDS)

Name of the District

Age Groups 14-17 years

1	Boys	1977		Boys	1982	
		Girls	Total		Girls	Total
14	15	16	17	18	19	
1. Goa	336	337	673	483	448	931
2. Daman	16	18	34	23	24	47
Diu	10	12	22	14	16	30
TOTAL	362	367	729	520	488	1008

APPENDIX No.4 GENERAL SUMMARY OF EDUCATIONAL INSTITUTIONS, PUPILS & TEACHERS (School level)

Name of the District	Total Number of Institutions		Total Enrolment					
	<u>1976-77</u>	<u>1981-82</u>	<u>1976-77</u>			<u>1981-82</u>		
			Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9
1. Goa	1478	1998	126666	97145	223811	143227	121144	264371
2. Daman	54	60	6006	4293	10299	7747	5913	13660
3. Diu	28	41	4042	2471	6513	4573	2707	7280
Total	1560	2099	136714	103909	240623	155547	129764	285311

Appendix No. 4 GENERAL SUMMARY OF EDUCATIONAL INSTITUTIONS, PUPILS & TEACHERS
(SCHOOL LEVEL)

Name of the District	Percentage of Girls to Total Enrolment		Percentage share of Enrolment (school level)		Teachers					
	1976-77 Rank	1981-82 Rank	1976-77 Rank	1981-82 Rank	1976-77	1981-82				
District	10	11	12	13	14	15	16	17	18	19
1. Goa	43.4	1	45.8	1	93.0	1	92.7	1	8565	9147
2. Daman	41.7	2	43.3	2	4.3	2	4.8	2	325	340
3. Diu	37.9	3	37.2	3	2.7	3	2.5	3	181	244
TOTAL:	43.6	-	45.5	-	100.0	-	100.0	-	9071	9731

Appendix No. 5 TRAINED TEACHERS IN SCHOOL LEVEL- 1981-82

Name of the District	Total number of Teachers in schools			Number of Trained Teachers			Percentage of Trained Teachers to Total number of Teachers		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	4466	4681	9147	3723	3471	7194	83.4	74.2	78.6
2. Daman	184	156	340	146	119	265	79.3	76.3	77.9
3. Diu	171	73	244	152	46	198	88.9	63.0	81.1
TOTAL:	4821	4910	9731	4021	3636	7657	83.4	74.1	78.7

Name of the District	Literacy Rates				
	Male	Female	Total	Scheduled Castes	Scheduled Tribes
1	2	3	4	5	6
1. Goa	66.0	48.3	57.2	36.2	28.6
2. Daman	62.7	41.6	52.1	61.4	26.3
3. Diu	56.2	34.2	44.5	44.0	17.2
4. TOTAL:	65.6	47.6	56.7	38.4	26.5

Appendix No. 7 COVERAGE OF SCHEDULED CASTE POPULATION-1981-82

Name of the District	Enrolment of Scheduled Castes			Percentage of S.C. enrolment to total enrolment			Percentage of S.C. Population to total population	Extent of coverage
	Boys	Girls	Total	Boys	Girls	Total		
1	2	3	4	5	6	7	8	9
1. Goa	2561	1850	4411	1.8	1.5	1.7	2.0	85.0
2. Daman	312	229	541	4.0	3.9	4.0	3.5	114.3
3. Diu	175	71	246	3.8	2.6	3.4	3.7	70.3
TOTAL:	3048	2150	5198	2.0	1.7	1.8	2.2	81.8

Appendix No. 8 COVERAGE OF SCHEDULED TRIBES-1981-82

Name of the District	Enrolment of Scheduled Tribes			Percentage of Scheduled Tribes Enrolment to Total Enrolment			Percentage of S.T. Population on Total Population	Extent of Coverage
	Boys	Girls	Total	Boys	Girls	Total		
	2	3	4	5	6	7		
1. Goa	149	86	235	0.1	0.1	0.1	0.1	100.0
2. Daman	1034	591	1625	13.3	10.0	11.9	20.2	54.5
3. Diu	10	12	22	0.2	0.4	0.3	0.7	42.9
TOTAL:	1193	689	1882	0.8	0.5	0.7	1.0	70.0

Appendix No. 9. PRE-PRIMARY EDUCATION

Name of the District	Pre-Primary Schools		Enrolment in Pre-Primary schools				Enrolment in Pre-Primary Classes			Enrolment of S.C.		
	1976-77	1981-82	1981-82			1981-82			1981-82			
			1976-77	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Goa	190	415	9627	6683	6057	12740	8878	8291	17169	N.A.	N.A.	N.A.
2. Daman	20	17	725	456	445	901	456	445	901	N.A.	N.A.	N.A.
3. Diu	8	12	422	400	340	740	426	358	784	N.A.	N.A.	N.A.
TOTAL:	218	444	10774	7539	6842	14381	9760	9094	18854	N.A.	N.A.	N.A.

Appendix No. 9. PRE- PRIMARY EDUCATION

Name of the District	Enrolment of Scheduled Tribes			Number of Teachers			% of Trained Teachers		
	1981-82			1981-82			1981-82		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1. Diu	14	15	16	17	18	19	20	21	22
2. Goa	N.A.	N.A.	N.A.	-	403	403	-	30.5	30.5
3. Daman	"	"	"	-	21	21	-	57.1	57.1
4. Diu	"	"	"	-	20	20	-	70.0	70.0
TOTAL	N.A.	N.A.	N.A.	-	444	444	-	33.6	33.6

Appendix No. 10.- PRE-PRIMARY EDUCATION IN RORAL AREAS-1981-82

Name of the District	Number of Institution	Enrolment in Pre-Primary Schools			Enrolment in Pre-Primary Stage		
Name of the District		Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8
1. Goa	273	5414	5151	10565	5414	5151	10565
2. Daman	N.A.	261	290	551	261	290	551
3. Diu	N.A.	295	304	599	295	304	599
TOTAL	273	5970	5745	11715	5970	5745	11715

APPENDIX No.11

PRIMARY SCHOOLS

Name of District	Number of Primary Schools		Area Served by a Primary School				Population Served by a Primary School			
	1976-77	1981-82	1976-77		1981-82		1976-77		1981-82	
			Km. Rank		Km. Rank		No. Rank		No. Rank	
1	2	3	4	5	6	7	8	9	10	11
1. Goa	870	950	4.2	1	3.9	1	1101	1	1061	1
2. Daman	12	15	6.0	3	4.8	3	3875	3	3240	3
3. Diu	9	10	4.4	2	4.0	2	3222	2	3040	2
TOTAL	891	975	4.3	-	3.9	-	1159	-	1115	-

APPENDIX No. 12 ENROLMENT AT PRIMARY STAGE

Name of the District	1976-77			1981-82			Percentage of Enrolment in classes I-V to Total Population in the age group 6-11		
	Enrolment in classes I-V			Enrolment in class I-V					
1	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	2	3	4	5	6	7	8	9	10
1. Goa	71957	58757	130714	79544	68133	147677	129.5	117.8	123.9
2. Daman	3523	2841	6364	4477	3905	8382	150.0	139.3	144.8
3. Diu	2569	1723	4292	2627	1753	4380	152.9	85.0	118.9
TOTAL	78049	63321	141370	86648	73791	160439	131.0	117.9	124.6

Appendix No. 12.

ENROLMENT AT PRIMARY STAGE

Rank

Percentage increase in enrolment in classes I-V
during 1976-77 to 1981-82

Name of the District	Boys	Girls	Total	Boys	Girls	Total
1	11	12	13	14	15	16
Goa	3	2	2	(+) 10.5	(+) 16.0	(+) 13.0
Daman	2	1	1	(+) 27.1	(+) 33.9	(+) 31.7
Diu	1	3	3	(+) 2.3	(+) 1.7	(+) 2.1
TOTAL	-	-	-	(+) 11.0	(+) 16.5	(+) 13.5

Appendix No. 13 ENROLMENT AND TEACHEIS IN PRIMARY SCHOOLS. 1981-82

Name of the District	Enrolment in Primary School	Number of Teachers in Primary Schools			Teacher Pupil	Percentage of Trained Teachers to Total		
		Men	Women	Total	Ratio	Teachers		
					Men	Women	Total	
1	2	3	4	5	6	7	8	9
1. Goa	82125	1426	1408	2834	28	94.0	90.6	92.3
2. Daman	2365	32	21	53	45	90.6	90.5	90.6
3. Diu	1975	36	11	47	42	86.1	100.0	89.4
TOTAL	86465	1494	1440	2934	28	93.8	90.6	92.2

Appendix No. 14- ENROLMENT OF SCHEDULED CASTES AT PRIMARY STAGE

Name of the District	1976-77			1981-82			Percentage of S.C. to Total Enrolment in Classes I-V		
	Percentage of Scheduled Castes students to Total enrolment in classes I-V			Enrolment of Scheduled Castes in classes I-V					
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	2.9	1.5	1.8	1759	1375	3134	2.2	2.0	2.1
2. Daman	3.9	5.0	4.4	176	165	341	3.9	4.2	4.1
3. Diu	3.5	3.5	3.5	117	68	185	4.5	3.9	4.2
TOTAL:	2.1	1.7	1.9	2052	1608	3660	2.4	2.2	2.3

Appendix No. 15. ENROLMENT OF SCHEDULED TRIBES AT PRIMARY STAGE

Name of the District	1976-77			1981-82			Percentage of Scheduled Tribes Total Enrolment in classes I-V		
	Percentage of S.T. students to Total Enrolment in classes I-V			Enrolment of Scheduled Tribes in classes I-V			Percentage of Scheduled Tribes Total Enrolment in classes I-V		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	0.0	0.0	0.0	104	77	181	0.1	0.1	0.1
2. Daman	11.8	6.7	9.5	900	553	1453	20.1	14.2	17.3
3. Diu	0.3	0.4	0.3	5	11	16	0.2	0.6	0.4
TOTAL:	0.6	0.3	0.5	1009	641	1650	1.2	0.9	1.0

APPENDIX No. 16- INSTITUTIONS AND ENROLMENT IN PRIMARY EDUCATION IN RURAL AREAS - 1981-82

Name of the District	No. of Primary Schools	Pucca Schools	Enrolment in Primary Schools	Enrolment in classes		
				I-V		
1	2	3	4	Boys 5	Girls 6	Total 7
1. Goa	846	N.A.	69757	46829	40309	87138
2. Daman	13	N.A.	2691	3214	2879	6093
3. Diu	7	N.A.	2628	1978	1420	3398
TOTAL:	866	N.A.	75076	52021	44608	96629

Appendix No. 17- HABITATION WITH OR WITHOUT PRIMARY SCHOOLS-1981-82

Name of the District	Total number of Habitations	Habitations having Primary Schools in them	Habitations having Primary schools up to a distance of 1 km.	Habitations having Primary schools up to a distance of 2 kms.
1	2	3	4	5
1. Goa	2200	892	936	372
2. Daman	83	25	53	5
3. Diu	69	10	31	28
TOTAL	2352	927	1020	405

Note:- Reference Year 1978. The figures are from Fourth All India Educational Survey.

Appendix No. 18. MIDDLE SCHOOLS

Name of the District	Number of Middle Schools		Area served by a Middle School				Population served by a Middle School			
	1976-77	1981-82	1976-77		1981-82		1976-77		1981-82	
	2	3	Kms	Rank	Kms	Rank	No.	Rank	No.	Rank
1. Goa	107	132	34.6	3	28.0	1	8948	3	7634	3
2. Daman	17	12	4.2	1	4.2	3	2735	1	4050	1
3. Diu	7	6	5.7	2	6.7	2	4142	2	5066	2
TOTAL:	131	150	29.1		25.4		7885		7245	

Appendix No. 19. ENROLMENT AT MIDDLE STAGE

Name of the District	1976-77			1981-82		
	Enrolment in classes VI-VIII			Enrolment in classes VI-VIII		
	Boys	Girls	Total	Boys	Girls	Total
District	2	3	4	5	6	7
1. Goa	24974	18183	43157	34870	27540	62410
2. Daman	1095	667	1762	1309	1002	2311
3. Diu	931	423	1354	1059	550	1609
TOTAL:	27000	19273	46273	37238	29092	66330

Sub. National Systems Unit,
 National Institute of Educational
 Planning and Administration
 17-B, SriAurobindo Marg, New Delhi-110014
 DOC. No. 4584
 Date 18/11/87

Appendix No. 19 ENROLMENT AT MIDDLE STAGE-

Name of the District	1981-82			Rank			Percentage increase in classes VI-VIII during 1976-77 to 1981-82		
	Percentage of Enrolment classes VI-VIII to the population of Age-group 11-14 years								
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	8	9	10	11	12	13	14	15	16
1. Goa	90.4	77.2	84.1	2	1	1	(+)39.6	(+)14.1	(+)44.6
2. Daman	65.0	55.6	60.5	3	2	3	(+)19.5	(+)50.2	(+)31.2
3. Diu	110.0	50.0	72.7	1	3	2	(+)18.7	(+)30.0	(+)18.8
TOTAL:	89.4	75.4	82.7	-	-	-	(+)37.9	(+)50.9	(+)43.3

Appendix No. 20 ENROLMENT AND TEACHERS IN MIDDLE SCHOOLS-1981-82

Name of the District	Enrolment in Middle schools	Number of Teachers in Middle schools			Teacher Pupil Ratio	Percentage of Trained teachers to the Total teachers		
		Men	Women	Total		Men	Women	Total
1	2	3	4	5	6	7	8	9
1. Goa	28312	550	479	1029	28	91.5	88.7	90.2
2. Daman	4928	60	53	113	44	100.0	100.0	100.0
3. Diu	2978	71	22	93	32	97.2	81.8	93.5
TOTAL:	36218	681	554	1235	29	92.8	89.5	91.3

Appendix No. 21 ENROLMENT OF SCHEDULED CASTES AT MIDDLE STAGE

Name of the District	1976-77			1981-82			Percentage of S.C. Children to Total enrolment in classes VI-VIII		
	Percentage of S.C. Children to Total enrolment in classes VI-VIII			Enrolment of S.C. Children in classes VI-VIII			Percentage of S.C. Children to Total enrolment in classes VI-VIII		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	1.9	1.1	1.5	560	300	860	1.6	1.1	1.4
2. Daman	4.0	4.5	4.2	89	50	139	6.8	5.0	6.0
3. Diu	5.3	2.4	4.3	35	3	38	3.3	0.5	2.4
TOTAL	2.1	1.3	1.7	684	353	1037	1.8	1.2	1.6

Appendix No. 22- ENROLMENT OF SCHEDULE TRIBES AT MIDDLE STAGE

Name of the District	1976-77			1981-82			Percentage of S.T. children to Total enrolment in classes VI-VIII		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	0.1	-	0.1	1	-	1	0.0	-	0.0
2. Daman	6.9	3.9	5.7	96	37	133	7.3	3.7	5.8
3. Diu	0.1	-	0.1	5	1	6	0.5	0.0	0.4
TOTAL:	0.3	0.1	0.2	102	38	140	0.3	0.1	0.2

Appendix No. 23. INSTITUTIONS AND ENROLMENT IN MIDDLE EDUCATION IN RURAL AREAS- 1981-82

Name of the District	Number of Middle Schools	Ratio Schools (%)	Enrolment	Enrolment in class VI-VIII		
			in Middle Schools	Boys	Girls	Total
1	2	3	4	5	6	7
1. Goa	118	N.A.	21702	10080	7405	17485
2. Daman	11	N.A.	5103	475	321	796
3. Diu	4	N.A.	2107	1060	421	1481
TOTAL	133	N.A.	28912	11615	8147	19762

Appendix No. 24 HABITATIONS WITH OR WITHOUT MIDDLE SCHOOLS-1981-82

Name of the district	Total number	Habitations having middle schools in 1 kms.	Habitations having middle school up to a distance of 2 kms.	Habitations having Middle schools up to distance of 3 kms.	Habitations having Middle schools up to a distance of 4 kms.	Habitations having Middle schools up to distance of 5 kms.
1	2	3	4	5	6	7
1. Goa	2200	227	774	1039	109	51
2. Daman	83	12	22	43	6	-
3. Diu	69	4	34	27	4	-
TOTAL:	2352	243	830	1109	119	51

Note: Reference year 1978. The figures are from the fourth All India Survey.

Appendix No. 25 ENROLMENT BY CLASSES (I-VIII)-- 1981-82

Name of the District	C L A S S								TOTAL
	I	II	III	IV	V	VI	VII	VIII	
1	2	3	4	5	6	7	8	9	10
1. Goa	33551	36944 (110.1)	28113 (83.8)	23862 (41.3)	25207 (75.1)	21870 (65.2)	19879 (59.3)	20661 (61.6)	210087
2. Daman	2125	2182 (102.7)	1608 (75.7)	1486 (69.9)	981 (46.2)	883 (41.6)	730 (34.4)	698 (32.8)	10693
3. Diu	1034	1027 (99.3)	875 (84.6)	816 (78.9)	628 (60.7)	576 (55.7)	496 (48.0)	537 (51.9)	5989
TOTAL	36710	40153 (109.4)	30596 (83.3)	26164 (71.3)	26816 (73.0)	23329 (63.5)	21105 (57.5)	21096 (59.6)	226769

Note:- Figures in the parenthesis indicate the percentage to the enrolment of class I.

Annexure No. 26 HIGH/HIGHER SECONDARY SCHOOLS

Name of the District	Number of High/Higher secondary Schools		Area served by a High/Higher Secondary School				Population served by a High/Higher Secondary School			
	1976-77	1981-82	Kms	Rank	Kms	Rank	No.	Rank	No.	Rank
I	2	3	4	5	6	7	8	9	10	11
1. Goa	227	254	16.3	2	14.6	2	4218	1	3967	1
2. Daman	4	7	18.0	3	10.3	3	11625	3	6943	3
3. Diu	4	4	10.0	1	10.0	1	7250	2	4050	2
TOTAL:	235	265	16.2	-	14.4	-	4396	-	4101	-

Appendix No. 27. HIGH/HIGHER SECONDARY STAGE

Name of the District	1976-77			1981-82		
	Enrolment in classes IX-XI/XII			Enrolment in classes IX-XI/XII		
	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7
1. Goa	12460	9026	21486	13620	10846	24466
2. Daman	427	199	626	610	434	1044
3. Diu	329	95	424	485	211	696
TOTAL:	13216	9320	22536	14715	11491	26206

Appendix No. 27. ENROLMENT AT HIGH/HIGHER SECONDARY STAGE.

Name of the District	Percentage of enrolment in classes X-XI/XII to the Age-group 14-17			Rank			Percentage increase in enrolment in classes X-XI/XII during 1976-77 to 1981-82		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	8	9	10	11	12	13	14	15	16
1. Goa	28.2	24.1	26.3	2	1	1	(+)9.3	(+)16.8	(+)13.9
2. Daman	26.1	16.7	21.3	3	2	3	(+)42.9	(+)118.1	(+)66.8
3. Diu	35.7	12.5	23.3	1	3	2	(+)47.4	(+)122.1	(+)64.2
TOTAL:	28.3	23.6	26.0	-	-	-	(+)11.3	(+)23.3	(+)16.3

Appendix No. 28 ENROLMENT AND TEACHERS IN HIGH/HIGHER SECONDARY SCHOOLS - 1981-82

Name of the District	Enrolment in High/Higher Secondary Schools	Teachers in High/Higher secondary Schools			Teacher pupil Ratio	Percentage of Trained Teachers		
		Men	Women	Total		Men	Women	Total
1	2	3	4	5	6	7	8	9
1. Goa	130352	2302	2297	4599	28	81.6	71.7	76.7
2. Daman	4503	69	51	120	38	82.6	68.6	76.7
3. Diu	1291	59	8	67	19	88.1	37.5	82.1
TOTAL:	136646	2430	2356	4786	29	81.8	71.6	76.8

Appendix No. 29 ENROLMENT OF SCHEDULED CASTES AT HIGH/HIGHER SECONDARY STAGE

Name of the District	1976-77			1977-78			1978-79		
	Percentage of S.C. Students to Total enrolment in classes X-XI/XII			Enrolment of S.C. students in classes IX-XI/XII			Percentage of S.C. Students to Total enrolment in classes IX-XI/XII		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	1.3	0.9	1.1	229	147	376	1.7	1.4	1.5
2. Daman	4.7	2.5	4.0	47	14	61	7.7	3.2	5.8
3. Diu	4.3	1.1	3.5	23	-	23	4.7	-	3.3
TOTAL:	1.5	0.9	1.3	299	161	460	2.0	1.4	1.8

Appendix No. 30. ENROLMENT OF SCHEDULED TRIBES AT HIGH/HIGHER SECONDARY STAGE

Name of the District	1976-77			1981 -			82		
	Percentage of S.T. students to Total enrolment in classes in IX-XI, XII			Enrolment of S.T. Student in classes IX-XI/XII			Percentage of S.T. students to Total enrolment in classes IX-XI/XII		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1. Goa	-	0.0	0.0	44	9	53	0.3	0.1	0.2
2. Daman	2.5	-	1.7	-	-	-	-	-	-
3. Diu	-	1.1	0.2	-	-	-	-	-	-
TOTAL:	0.1	0.2	0.6	44	9	53	0.6	0.1	0.2

Appendix No. 31 INSTITUTIONS AND ENROLMENT IN HIGH/HIGHER SECONDARY EDUCATION
IN RURAL AREAS- 1981-82

Name of the District	High/Higher Secondary Schools	Pucca Schools (%)	Enrolment in High/Higher Secondary Schools	Enrolment in classes IX-XI/XII		
				Boys	Girls	Total
1	2	3	4	5	6	7
1. Goa	178	N.A.	86745	3591	2942	6533
2. Daman	4	N.A.	1716	82	18	100
3. Diu	2	N.A.	740	440	44	484
TOTAL:	184	N.A.	89201	4113	3004	7117

Appendix No. 32 PROFESSIONAL, Vocational SPECIAL & OTHER (SCHOOL) EDUCATION

Name of the District	Number of Institutions		Enrolment by types			
	1976-77	1981-82	1976-77	1981-82		
			Boys	Girls	Total	
1	2	3	4	5	6	7
1. Goa	84	247	4225	4980	5362	10342
2. Daman	1	9	317	794	169	963
3. Diu	-	9	-	240	56	296
TOTAL:	85	265	4542	6014	5587	11601

Appendix No. 32 - PROFESSIONAL, VOCATIONAL, SPECIAL & OTHER (SCHOOL) EDUCATION (Contd.)

Name of the District	Scheduled Caste Students (By stages)				Scheduled Tribe Students (By Stages)			
	1976-77		1981-82		1976-77		1981-82	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1.	8	9	10	11	12	13	14	15
1. Goa	3	13	28	41	-	-	-	-
2. Daman	17	-	-	-	6	38	1	39
3. Diu	-	-	-	-	-	-	-	-
TOTAL	20	13	28	41	6	38	1	39

Appendix No. 32, PROFESSIONAL, VOCATIONAL SPECIAL & OTHER (SCHOOL) EDUCATION -concl'd.

Name of the District	Number of Teachers			
	1976-77	Men	Women	Total
1	16	17	18	19
1. Goa	131	188	94	282
2. Daman	11	23	10	33
3. Diu	-	5	12	17
TOTAL	142	216	116	332

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