

FOR OFFICIAL USE



**ASSESSMENT STUDY  
OF  
SOCIAL AND ECONOMIC DEVELOPMENT  
OF  
TRIBAL AREA  
OF  
PANCHMAHALS DISTRICT**

**DIRECTORATE OF EVALUATION  
GOVERNMENT OF GUJARAT,  
GANDHINAGAR  
NOVEMBER-1985**

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NIEPA DC



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: P R E F A C E :

One of the basic objectives of planned development is to bring about balanced growth of different areas in the State. Accordingly special welfare measures had been undertaken for the economic and social upliftment of the tribal areas which were considered as most backward areas. For building up a new life and to create a new pattern of society in rural areas a nationwide programme of Community Development Project was initiated in 1952. Subsequently, the special programme for the tribal development was initiated in 1955 in the form of Special Multi Purpose Tribal Development Blocks. A modified version of this programme was taken up on a large scale during the Second Five Year Plan when the Tribal Development Blocks were started. However to meet with the long term development challenges of the tribal areas it was felt that some more concentrated efforts were needed. Ultimately for special attention of the tribal areas a new programme known as Tribal Area Sub-Plan was launched in the year 1974-75. The main objective of the Tribal Area Sub-Plan is to narrow down the gap between the development of tribal areas and non-tribal areas of the State.

To know the position prior to implementation of the T.A.S.P. programme a benchmark study of Panchmahals District was undertaken by the Directorate of Evaluation in 1973-74 to mark the levels of development reached in various spheres of socio-economic activities. After implementation of T.A.S.P. programme a follow up study for the said district has been undertaken to assess the impact of the programme. Therefore an attempt has been made to compare the position at two points of time i.e. prior to implementation of T.A.S.P. Programme and at the end of Fifth Five Year Plan.

This Directorate is very much thankful to the concerned Officers under District Panchayat, Panchmahals and other State level Government Officers who supplied valuable information for enabling this office to compile this report.

Gandhinagar,

November 1985

G.D. Vasavada,  
Director,  
Directorate of Evaluation,  
Gandhinagar.

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Socio-Economic situation, At a Glance

Bench Mark Year & Follow up study year

Sr. No.	Item	Unit	Tribal Area			Non-Tribal Area		
			Bench Mark Year	Follow up year	Percent increase/decrease	Bench Mark year	Follow up year	Percent increase/decrease
1.	2.	3.	4.	5.	6.	7.	8.	9.
	Year		1971	1981		1971	1981	
1.	Rural Population	000	1004	1282	+27.69	637	782	+22.76
2.	Urban Population	000	91	109	+19.78	116	148	+27.59
3.	Total Population	000	1095	1391	+27.03	754	931	+23.47
(a)	Male	000	560	705	+25.89	391	480	+22.76
(b)	Female	000	535	686	+28.22	363	451	+24.24
4.	Population	000	24	35	+45.83	53	44	-16.98
(a)	Scheduled castes percentage to total population	000	2.2	2.5	+0.3	5.7	5.8	+0.1
(b)	Scheduled tribes percentage to total population	000	64.3	87.8	+36.55	70	92	+31.43
			58.7	63.1	+7.4	9.2	9.9	+6.7
5.	No. of inhabited villages	No	1158	1157	-0.9	745	738	-0.9
	No. of Towns	No	4	4	+0.00	5	5	+0.00
6.	Total workers	000	418	470	+12.44	260	301	+15.77
(1)	Cultivators	000	355	372	+4.79	186	187	+0.54
(2)	Agri. labourers	000	23	41	+78.26	30	43	+43.33
(3)	Household Industry Manufacture, processing, servicing & repairs	000	40	57	+42.50	44	71	+61.36
(4)	Other workers including marginal workers.							
7.	Percentage of total workers to total population	-	38	34	-4.0	35	32	-3.00

1.	2.	3.	4.	5.	6.	7.	8.	9.
8.	Total non-workers	000	678	907	+33.78	493	643	+30.43
9.	Percentage of total Non-workers to total population	-	62	66	+ 4.00	65	68	+ 3.00
10.	Density of population.	per sq.km.	196	249	+27.04	226	288	+27.43
11.	Literacy rate	percen- tage						
(a)	Male	"	30	33	+ 3.00	44	53	+9.00
(b)	Female	"	7	11	+4.00	16	21	+5.00
(c)	Persons	"	22	22	+5.00	31	38	+7.00
12.	Sex Ratio	Female per thousand males	955	972	+ 1.78	928	939	+ 1.19
13.	Percentage growth of population of 1981 over 1971	percen- tage	27.27.5			23.23.5	23.5	
14.	<u>Agriculture</u>	Year	1972	1977		1972	1977	
	No. of Land holders	No.	104892	108182	+3.14	96298	97507	+1.28
	Area held	Hects.	293365	290488	-0.99	222190	215054	-3.21
15.	<u>Crops</u>	'00 hects.	1973-74	1978-79		1973-74	1978-79	
1.	Rice		571	577	+1.05	369	425	+15.18
2.	Wheat	"	181	189	+4.42	71	59	-16.90
3.	Jowar	"	34	28	-17.65	79	58	-26.58
4.	Bajri	"	37	38	+56.32	369	149	-59.62
5.	Maize	"	1189	1207	+1.51	354	378	+6.78

1.	2.	3.	4.	5.	6.	7.	8.	9.
6.	Other food crops	100 hact.	394	332	-1.34	319	380	+19.12
7.	Groundnut	"	158	137	-13.29	200	213	+ 6.50
8.	Cotton	"	133	157	+18.05	352	323	- 6.82
9.	Other non-food crops	"	155	139	-10.32	33	39	+18.18
10.	Total cropped area	"	3402	3356	- 1.35	2168	2051	- 5.40
11.	Area irrigated by different sources	"	106	178	+67.92	178	204	+14.61
12.	Percentage of gross area irrigated	"	3.1	5.3	+ 2.2	1.5	6.0	+ 4.5
16.	<u>Animal Husbandary</u>	Year	1972	1977		1972	1977	
1.	Total livestock	00	9920	1005	+ 1.32	4743	4651	- 2.41
2.	Total cattle	"	5618	5437	- 3.22	2477	2310	- 6.74
3.	Cattle young stock	"	1119	1063	-5.00	450	395	-12.22
(a)	male over 3 years	"	3073	2990	- 2.70	1456	1371	- 5.84
(b)	female over 3 years	"	1426	1384	- 2.95	571	544	- 4.73
4.	Total Buffaloes	"	1607	1589	- 1.12	1270	1304	+ 2.68
5.	Other livestock	"	2695	3026	+12.28	1001	1037	+ 3.60
6.	Total poultry	00	3317	5616	+47.13	332	1392	+57.82
7.	Tractors	No.	6	10	+66.67	19	42	+121.05
8.	Oil engine with pump for irrigation purpose	No.	662	1960	+196.07	2877	5871	+104.07
9.	Veterinary dispensaries	Year	1973-74 5	1978-79 5	0.0	1973-74 6	1978-79 6	0.0



1.	2.	3.	4.	5.	6.	7.	8.	9.
<b>17. Industries</b>								
1.	No. of working factories	No.	25	23	-8.0	102	139	+36.27
2.	Average No. of workers employed	No.	4014	3415	-14.92	2761	3446	+24.81
3.	No. of villages and towns electrified	No.	70	151	+115.71	125	234	+57.20
<b>18. Banks</b>								
		Year	1973-74	1978-79		1973-74	1978-79	
1.	Scheduled Bank Offices	No.	15	24	+60.00	22	37	+68.18
2.	Population served per Bank Office	000	73	46	-36.99	34	20	-41.18
3.	Co-operative Bank Offices	No.	19	26	+36.34	21	29	+33.10
4.	Population served per Bank office	000	38	42	+10.53	36	26	-27.78
<b>19. Co-operation</b>								
		Year	1973-74	1978-79		1973-74	1978-79	
	No. of primary co-operative societies	No.	N.A.	354	-	N.A.	606	-
	No. of members	No.	N.A.	130959	-	N.A.	190795	N.A.
<b>20. Transport and Communication</b>								
1.	Road Metalled	K.M.	713	969	+35.90	486	653	+34.36
	Non-metalled	k.m.	1440	1908	+32.50	280	346	+22.14
2.	Road per 100 sq. km.	per 100						
(a)	Metalled	sq. km.	12.3	17.3	+35.14	14.9	20.0	+34.23
(b)	Non-metalled	"	25.8	34.1	+32.17	8.6	19.3	+130.23
	Villages with railway station	No.	13	14	+7.69	22	23	+4.55

1.	2.	3.	4.	5.	6.	7.	8.	9.
21.	<u>Social Services</u>	Year	1973-74	1978-79		1973-74	1978-79	
1.	Villages with Primary Schools	No.	903	1024	+13.40	601	654	+8.82
2.	Percentage of villages with schools to total villages	Percentage	78.0	83.4	+10.4	80.7	87.5	+7.1
3.	Villages with secondary schools	No.	62	62	+32.26	82	83	+1.22
4.	Percentage of villages with secondary schools to total villages	Percentage	4.9	7.1	+ 2.2	6.7	11.1	+4.4
22.	<u>Medical</u>	Year	1973-74	1978-79		1973-74	1978-79	
1.	No. of hospitals	No.	3	4	+33.33	2	2	+0.00
2.	Dispensaries	No.	21	26	+23.81	14	15	+7.14
3.	Doctors per one lakh of population	No.	4	6	+50.00	4	8	+100.00
4.	Nurses per one lakh of population	No.	3	18	+500.00	7	21	+200.00

Note: Tribal Area refers to the following talukas  
 (1) Santrampur (2) Jhalod (3) Dohad (4) Limkheda (5) Davghalbaria  
 (6) Tribal pocket of Godhara Taluka of Mora pocket (7) Tribal pocket of Halol Taluka (Kathola pocket)

Non-tribal area refers to the following talukas.  
 (1) Godhra (excluding Tribal Pocket)  
 (2) Kalol (3) Halol (excluding tribal pocket)  
 (4) Shehera (5) Lanawada (6) Jambughoda.

Assessment Study of  
Socio-Economic Development  
of Tribal Areas of Panchmahals District

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C H A P T E R - 1

Introduction

1.1 Introductory

1.1.1 Climate, rainfall and topography of a region influence people inhabiting in it. This is also true for tribal people residing in the areas commencing from semi-arid regions of Sabarkantha, Drought Pron<sup>o</sup> Area of Panchmahals to the heavy and assured rainfall areas of Surat, Valsad and Dangs districts. Total tribal population according to 1981 census of the state is 48.43 lakhs tribal persons constituting 14.2 percent of total population of the State. District-wise details are given in appended statement No. 1 & 2. The tribal population is concentrated in 8 districts on the eastern border of the State viz. Sabarkantha, Banaskantha, Panchmahals, Vadodara, Bharuch, Surat, Valsad and Dangs. Nearly 90 percent of total tribals of state resides in the above districts. These tribal areas form the watershed of interstate rivers like Sabarnati, Banas, Narmada and Tapi. The physical characteristics of the tribal region described above have subjected the areas with poor infrastructural development, inadequately developed economic activities and illiterate and primitive population. Lack of facilities like roads, power, irrigation, marketing etc. have insulated the area from outside influence of change and development and left the people unexercised to modern skills and expertise. These people, therefore, pursued agriculture neglecting secondary and tertiary sectors of occupations. Vast forest areas and moderate mineral potential still await to be explored.

1.2 Developmental efforts

1.2.1 After independence constitutional provisions and other legislations have enjoined the states to undertake welfare measures

to promote interests of the weaker sections of society and protect them from social injustice. Protective measures such as community Development Programme and various sectoral schemes were taken to uplift them. But the strategies adopted for development prior to the Fifth Five Year Plan were towards achievement of rapid economic growth. Efforts were, therefore, concentrated to involve strategies for industrial development and thereby step up general growth rate. There was an increase indeed in the national income and its per capita distribution. However, no change was realised in the life and living standards of people living below the poverty line. Therefore a need was felt during the Fifth Five Year Plan period to fill up the lacuna in the redistributive mechanism in the strategies during previous Five Year Plans. There was no special integration between macro level and micro level planning for percolation of the benefits of development from micro levels to grassroot level. The development process started previously under the Tribal Development Blocks and thereafter by formulation of the Tribal Development Corporation, Community Development works programmes etc. was inadequate to meet with the long term development challenges of the region. An integrated area development approach was the ultimate solution to strengthen the infrastructural industrial base of tribal areas, and expose them to modern influences of science and technology. A time bound programme to bring about fundamental improvement in their living standard and automatically bring them on par with other areas and people residing therein, was therefore envisaged for focussing attention on accelerated development. A single line control approach was to be adopted to improve the execution of the programme.

### 1.3 TRIBAL AREA SUB-PLAN

1.3.1 Within the frame work of general plan and with the dictum equitable distribution of national resources and wealth development

of all people and all areas, the Tribal Area Subplan was implemented in the State in 1974. As per national aspirations, the objectives of the tribal area sub-plan are to narrow down the gap between the levels of development of tribal areas and other areas in the State. It is also sought to meet with tribal problems, to provide necessary inputs for investment needs and socio-economic growth of the regions and their people. For controlling their exploitation at various levels, co-operative base will be strengthened.

### 1.3.2 Area of the Tribal Sub-Plan

1.3.2.1 The whole tribal area in the state is divided into 9 viable units or projects on the basis of tribal population. There is one project for each comprehensive area having 50 percent or more of tribal population. There are in all 32 tribal talukas and 15 tribal pockets covered under the 9 projects. Details are given in appended statements No. 3 & 4. One such project is located at Dohad in Panchmahals district covering Dohad, Jhalod, Santrampur, Linkheda and Devgadbaria talukas and tribal pockets area of Halol and Godhra talukas.

### 1.4 Panchmahals District under TASP

1.4.1 The area covered under tribal area sub-plan is 5597 sq. kms. which comes to 63.1 percent of the total geographical area of the district. Among 8 districts under TASP in the State, Panchmahals stands fifth with 41.76 percent of total district population as tribal population. The project consists of 5 tribal talukas viz. Dohad, Jhalod, Santrampur, Linkheda, Devgadbaria and part of Halol and Godhra taluka under tribal pocket. While other four talukas viz. Kalol, Shehera, Lunavala, Jambughoda and a part of Godhra and Halol talukas not covered by Tribal pockets have been termed as non-tribal area.

### 1.5 Benchmark Survey

1.5.1 Prior to implementation of the tribal area sub-plan an advance action survey was carried out by the Directorate of Evaluation in

1973-74 to mark the levels of development reached in various spheres of socio-economic activities. After implementation of the tribal area sub-plan a follow up study is conducted to assess the progress of the programme. In this report an attempt has been made to bring out the changes effected at two points of time namely prior to the implementation of the TASP programme and the position prevailing at the end of the Fifth Plan after the implementation.

#### 1.6. Methodology and limitation of the study

1.6.1 Methodology and limitation of the study have been discussed at length in the previous benchmark report. Except few changes in the previous methodology other points remain the same. Changes are given in the following paragraphs.

1.6.2 A taluka has been treated as a unit except in case of tribal pockets for identifying it as a tribal area. In case of tribal pockets, villagewise available data has been collected from various official records available with different government departments only for the villages included in tribal pockets and presented in the report as a tribal part of that taluka. Thus the methodology for assessment survey report only differs where the tribal pockets are in existence from the methodology for the benchmark survey report as a taluka only had been treated as a unit at the time of benchmark survey report. Except above the methodology and the limitations are the same as for the benchmark survey report. An abstract showing methodology adopted and limitations for the earlier benchmark survey report is given in the appendix A at the end of this report.

1.6.1.3 In this report the analysis is confined to bring out the changes effected over the period of the implementation of the tribal area sub-plan and at the end of the Fifth Five Year Plan.

1.6.1.4 It may be added here that Tribal area sub-plan has laid much stress and thrust on the development of the primary sector on which a majority of the tribals depend. Various investment and institutional strategies adopted during the Fifth Five Year Plan, have made available cheap credit, water inputs and organisational help to bring out radical change in agricultural practices followed in the region. A period of 5 years is too short for setting definite trends. However it can give a picture of the economy and its direction through various socio-economic inputs made by the sectoral programmes in this tribal region.

#### 1.7 Programmes & priorities in the TASP

1.7.1 Development priorities of TASP were fixed in accordance with the objectives. Elimination of tribals from exploitation gained higher priority. Core sectors of development was agriculture. Increased productivity, employment generation, irrigation and development of rural cottage and small scale industries for stepping up rural industrialisation received the main attention. The quality of life of the people would depend upon the efficient delivery system of social services such as elementary education, improvement in the levels of secondary education, drinking water supply, expansion and efficient distribution of health services etc. In the co-operative sector which plays a crucial role in the elimination of exploitation provision of cheap credit required for purchase of inputs and consumption needs are being provided. Horticulture, pasture development, soil conservation and afforestation are the other important programmes taken under TASP which will augment agricultural productivity and will provide supplementary income to the target groups. Training programme is also important to impart skills required to find gainful employment in local and small scale industries. Sufficient weightages have therefore been given to

programme on education, health and generation of full employment for mitigating imbalances in the development of different regions in the state.

16. Content of the report

16.1 The first chapter of the report gives the background comparing the different socio-economic characteristics of Panchmahals vis-a-vis the State. Important Features in regard to Physio-geographic and economic characteristics of the district by tribal and non-tribal areas are given in chapter-2. The main demographic characteristics as revealed by the census of 1981 are discussed in chapter-3. Chapter-4 discusses development of agriculture and allied sectors. The information regarding industries, development in the fields of Banking and co-operative sectors are given in chapter-5. Transport and Communication facilities are discussed in chapter-6. Chapter 7 deals with development in social services and basic amenities. The last chapter-8 gives a summary of the report. Statements are furnished at the end of the report.



C H A P T E R-2

General Features of the District

2.1 Location

2.1.1 Panchmahals district is situated between 73°-22' and 74°-29' Eastern longitude and 22°-17' and 23°-27', Northern latitude and it is situated in the eastern part of the Gujarat State. The area is bounded on the north by Rajasthan State and Sabarkantha district, on the east by Madhya Pradesh, on the South by Vadodara district and Madhya Pradesh State and on the West by Vadodara and Kheda districts.

2.2. Physio Geographical Features

2.2.1 Most of the area of the Panchmahals district is hilly and covered by the forest. The whole of northern and eastern portion comprising mainly of Jhalod, Dohad, Lunavada, Santrampur, Limkheda and Devgadbaria talukas and Jambughoda mahal is covered by hills and forest. The Western portion mainly comprising of Kalol and parts of Lunavada, Shehera, Godhra and Halol talukas rises gradually to the east and is put up by rivers and intercepted by hills.

2.2.1.1 The soil of the northern and eastern regions of the district comprising of Santrampur, Jhalod, Limkheda and Devgad Baria talukas and Jambughoda mahal and parts of Lunavada, Shehera, Godhra and Halol talukas are shallow hilly and full of rocky tracts. The soil of the remaining portion of the district adjoining Kheda and Vadodara districts is plain and fertile alluvial.

2.3 Climate

2.3.1 The climate of the district is warm. The winter lasts from November to February. The summer season extends from March to June. The following table gives the maximum and minimum temperature at the district headquarters i.e. Godhra during the years 1970 to 1978.

Table-1

Maximum and minimum temperature in centigrade

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Centre - Godhra

Year	Maximum	Minimum
1.	2.	3.
1970	43	10
1971	43	10
1972	43	9
1973	43	8
1974	42	8
1975	43	9
1976	42	9
1977	41	8
1978	42	9

.....

2.3.1.1 The maximum and minimum temperature at Godhra have not varied much between 1970 to 1978 as would be evident from the above table. Talukawise details are given in appended statement No. 5

2.3.1.2 The rainfall in the district is not well assured. Rain in the district is received from June to September, July being the rainest month. A broad analysis of the average annual rainfall data of last few years (please see appended statements No. 6 & 7) indicates that the average annual rainfall in both the tribal and non tribal varies between 800 mm to 1500 mm.

2.4 Area and Population

2.4.1 Panchmahals district has a geographical area of 8866 sq. kms.

According to census of 1981. The district has population of 23.22 lakhs which is 6.81% of total population of the State. The density of population thus works out to 262 sq. kms<sup>2</sup> Persons against 172 sq. kms<sup>2</sup> person in Gujarat State as can be seen from the following table.

Table-2

Area and population of Gujarat State and Panchmahals district

Item	Unit	1971		1981	
		Gujarat State	Panchmahals District	Gujarat State	Panchmahals District
		Total	Tribal Area	Total	Tribal Area
Area	sq. km.	195934	8866	196024	8866
Population	1000	26697	1349	34086	2322
Density of Population	sq.km per son	136	209	174	262

2.4.2 According to the census of India 1981 nine places of the district have been notified as urban area and these are Gulhra, Kalol, Halol, Shivrajpur, Lunavada, Santrampur, Dehal, Freelandganj and Devgadbaria. Among these, last four towns are located in the tribal area. The Urban population to total population in the district is 11.21% as against 31.08% in Gujarat State. For tribal area and non-tribal area in the district these percentages are 8.3 and 15.4 respectively.

2.5 Scheduled Caste & Scheduled Tribes population.

2.5.1 The district has a sizeable population of scheduled tribes as can be seen from the following table.

Table-3

Percentage of scheduled tribes and scheduled castes population to total population.

Class of population	Gujarat State		Panchmahals District			
	Persons (000)	Percent	District as a whole		Tribal Area	
			Persons (000)	Percent	Persons (000)	Percent
1.	2.	3.	4.	5.	6.	7.
<u>1971</u>						
Scheduled Tribes	3774	14.0	713	38.5	643	58.7
Scheduled Castes	1825	6.8	68	3.7	24	2.2
Others	21138	79.2	1068	57.8	428	39.1
Total	26697	100.0	1849	100.0	1095	100.0
<u>1981</u>						
Scheduled Tribes	4849	14.2	970	41.8	878	63.1
Scheduled Castes	2438	6.2	88	3.8	35	2.5
Others	26799	78.6	1264	54.4	478	34.4
Total	34086	100.00	2322	100.0	1391	100.0

2.5.1.1 It can be seen from the above table that 41.8 % of population of the district belongs to scheduled tribes against 14.2% in the Gujarat State. It is worthnoting that the tribal population of the district accounts for 19.1 % of the total tribal population of the State. The population of the scheduled castes population in the district is 3.8% which is less than the state figure of 6.2%. Necessary details for all talukas in the district are given in appended statements No.8 & 9.

2.5.1.2 Details regarding area and population in the tribal area of the district, consisting of five talukas and two tribal pockets are presented in the table below.

Table No. 4

Area and population of tribal talukas

Item	Year of Census	Unit	District	Tribal area	Percentage share of tribal area.
1.	2.	3.	4.	5.	6.
1. Area	1971	Sq.km.	8919	5586	62.63
	1981	"	8824	5597	63.42
2. Population	1971	'000	1849	1095	59.22
	1981	"	2322	1310	56.42
3. Tribal Population	1971	'000	713	604	84.71
	1981	"	970	831	85.67
4. Villages					
a. Inhabited	1971	No	1903	1158	60.85
	1981	"	1895	1157	61.06
b. Uninhabited	1971	No	30	5	16.67
	1981	"	14	6	42.86
c. Total	1971	No	1933	1163	60.17
	1981	"	1895	1157	61.06
5. Towns	1971	No	9	4	44.44
	1981	"	9	4	44.44

2.5.1.3. The tribal area of the district accounts for 56.42 % of its population and 63.42 percent area of the district. 85.67 % of the tribal population of the district resides in the tribal area. The tribal area accounts for 61.06 % of villages (1157) in the district.

2.5.1.4. The talukawise areas and population of 5 tribal talukas and 12 tribal pockets are given in the following table.

Table -5

Area and population of tribal talukas

Taluka	Year	Area in sq.kms.	Population			No. of villages	No. of towns
			Total	Tribal	Percent		
1.	2.	3.	4.	5.	6.	7.	8.
Santrampur	1971	1360	247300	145678	58.9	390	1
	1981	1368	323268	214693	66.4	388	1
Jhalod	1971	798	158860	135038	35.0	151	-
	1981	798	200445	171549	85.6	151	-
Dohad	1971	875	235928	167413	71.0	119	2
	1981	874	296322	215774	72.8	119	2
Limkheda	1971	1064	163016	95894	58.8	243	-
	1981	1063	211470	123557	58.4	242	-
Devgadhbaria	1971	1142	219373	60408	27.5	184	1
	1981	1145	275104	104983	38.2	186	1
Kathola Pocket	1971	155	30203	16620	55.0	40	-
	1981	158	34761	18937	54.5	40	-
Morapocket	1971	192	40450	21555	53.3	31	-
	1981	191	49613	28165	56.8	31	-
Total	1971	5586	1095130	642606	58.7	1158	4
	1981	5597	1390983	877658	63.1	1157	4

2.5.1.4 Out of five talukas of the tribal region, Jhalod has the highest proportion of tribal population (85.6 %) followed by Dohad (72.8%) and santrampur (66.4%) but according to 1981 census. The lowest proportion was in Devgadhbaria (38.2 %).

2.6. Literacy

2.6.1 As revealed by the census of India 1981 the literacy rate in Panchmahals district is lower (28.1%) than the Gujarat State (43.7%) as can be seen from the following table.

Table-6

Literacy rate by sex

Sex	Gujarat State		Panchmahals District Total population		Tribal Area	
	1971 2.	1981 3.	1971 4.	1981 5.	1971 6.	1981 7.
Males	46.1	54.5	33.7	40.8	30.1	32.5
Females	24.7	32.3	11.2	14.9	7.5	10.6
Total	35.8	43.7	22.8	28.1	17.3	21.7

2.6.1.1 It is revealed from the above table that the literacy rate in Panchmahals district is lower than the literacy rate of the state. During the decade, the literacy rate in the State has increased from 35.8 % to 43.7% while in Panchmahals district it has increased from 22.8 % to 28.1%. As far as the tribal area of the district is concerned, the literacy rate has gone up from 17.3% in 1971 to 21.7 % in 1981.

2.7 Working Force

2.7.1 As per census of India 1981, the proportion of main workers to total population is 33.2% for the district as against 32.2% in the state. The details regarding the proportion of workers to total population by sex are given in the following table.

Table-7

Percentage of workers to total population

Sex	Gujarat State		Panchmahals District		Only in Tribal area	
	1971	1981	1971	1981	1971	1981
Males	51.2	52.2	54.5	53.8	55.5	53.9
Females	10.3	11.0	17.8	11.8	20.0	13.2
Total	31.4	32.2	36.7	33.2	38.2	33.8

2.7.1.1 It can be seen that the proportion of workers to total population is slightly higher for males & females in the tribal area of the district.

2.8. Classification of working population

2.8.1 According to the census of India 1981, as many as 83.4% of main workers, in the district were classified as agricultural workers. The proportion of agricultural workers to the total workers in the district is more than that of the state. Within the district this proportion is more (87.7%) in tribal area than that of in the district (83.4%). Details are given in the following table .

Table-8

Classification of workers by Industrial categories 1981

Sr. No.	Industrial category	Gujarat State		Panchmahals Dist- rict.		Tribal Area	
		No. of workers	Perce- ntage	No. of workers	Percentage	No. of workers	Perce- ntage
1.	2.	3.	4.	5.	6.	7.	8.
1.	Cultivators	4114744	37.5	558832	72.4	371812	79.0
2.	Agriculture Labourers	2488300	22.7	84347	10.9	40861	8.7
3.	Household Industry Manufacturing Processing service & repairs.	267280	2.4	20982	1.4	6619	1.3
4.	Other workers	4113718	37.4	117237	15.3	51411	11.0
Total		10984042	100.0	771398	100.0	470703	100.0



2.8.1.2 So far as district is concerned 83.3 % of workers are engaged in agriculture, against 60.2 % in the state, Amongst the workers engaged in agriculture 72.4% are cultivators and 10.9% are agricultural labourers in the district compared to 37.5 % as cultivators and 22.7% as agricultural labourers respectively in the State. Panchmahals district has thus a large proportion of workers(72.4%) as cultivators. Within the district the proportion of agricultural workers is still high(87.7%) in tribal area.

2.9 Agriculture

2.9.1 Land holding

2.9.1.1 The following table gives the distribution of operational holdings and area of land held according to different size of classes in Panchmahals district on the basis of Agriculture Census 1976-77.

Table-9

Number of holders and area of land held by them according to size of operational holdings.

Size class of operational holdings (in hectares)	Year	Gujarat State		Panchmahals District		Tribal Area (excluding Tribal pockets)	
		No. of holders	Area of holdings (Hects)	No. of holders	Area of holdings (Hects)	No. of holders	Area of holdings (Hect)
1.	2.	3.	4.	5.	6.	7.	8.
Upto 2 hectares.	1970-71	1042736 (42.9)	980999 (9.8)	107035 (53.2)	102505 (19.9)	51169 (48.8)	51758 (17.6)
	1976-77	1196658 (44.1)	1120338 (11.1)	112910 (54.9)	106520 (21.7)	54637 (50.5)	54428 (18.7)
2 to 5 hectares	1970-71	731148 (38.1)	2386466 (23.9)	69339 (34.5)	220097 (42.7)	38651 (36.9)	123508 (42.1)
	1976-77	856032 (31.6)	2781967 (27.7)	68359 (33.5)	217567 (43.0)	38731 (35.8)	123130 (42.4)

1.	2.	3.	4.	5.	6.	7.	8.
5 to 20 hecters	1970-71	625640 (25.7)	5694902 (56.9)	24557 (12.2)	182667 (35.4)	14939 (14.2)	111782 (38.1)
	1976-77	638969 (23.6)	5523136 (54.3)	23700 (11.5)	175138 (34.6)	14700 (13.6)	109842 (37.8)
Above 20 hecters	1970-71	33043 (1.3)	937266 (9.4)	259 (0.1)	10192 (2.0)	133 (0.1)	6317 (2.2)
	1976-77	21478 (0.8)	648583 (6.4)	220 (0.1)	6317 (1.3)	114 (0.1)	3088 (1.1)
Total	1970-71	2432567 (100.0)	9999633 (100.0)	201190 (100.0)	515561 (100.0)	104892 (100.0)	293365 (100.0)
	1976-77	2713137 (100.0)	10074574 (100.0)	205689 (100.0)	505542 (100.0)	108182 (100.0)	290488 (100.0)

Note: (1) Figures in bracket represent the percentage to total.

(2) Villagewise data is not available, so Kathola and Mera pockets are included in non-tribal area.

2.9.1.2 It can be seen that in Panchmahals district the proportion of land holders having holding upto 5 hectares of land was larger (88.4%) than that of the state (75.7%) in 1976-77. This was still high (36.3%) in case of Tribal area of Panchmahals district. The proportion of small farmers upto 2 hectares in the district was 54.9% against 44.1% in the State and 50.5% in the tribal area of the district. Naturally the proportion of large holdings and the proportion of area of land held by them in Panchmahals were little less than the corresponding figures for the State and little more than the corresponding figures for the tribal area of the district. It may be seen that the proportion of largest class of holding above

20 hectares being 0.8 % in the state accounted as large as 6.4% of total area whereas in Panchmahals district, the share of this size class is only 0.1 % in total holder and 1.3% in the area held. In the tribal area of the district 0.1% holders were possessing above 20 hectares of land and they possessed 1.1 % of total land held.

2.9.2 Cropping Pattern

2.9.2.1 The area under different crops for different years is given in the table below.

Table-10  
Area under different crops (Figures in '00 hectares)

Sr. No.	Item	Gujarat State			
		1970-71	1976-77	1977-78	1978-79
1.	2.	3.	4.	5.	6.
1.	Rice	4890(4.6)	4740(4.6)	5124(4.9)	5291(5.0)
2.	Wheat	5770(5.5)	6014(5.8)	5598(5.4)	5523(5.3)
3.	Jowar	13340(12.7)	11064(10.6)	10981(10.5)	10826(10.3)
4.	Maize	2640(2.5)	3044(2.9)	2891(2.8)	2994(2.8)
5.	Bajri	17820(16.9)	14153(13.6)	13829(13.2)	14537(13.9)
6.	Other food crops	13780(13.1)	11670(11.2)	11602(11.2)	12540(11.9)
7.	Total food crops	58240(55.3)	50685(48.7)	50065(48.0)	51711(49.2)
8.	Cotton	15820(15.0)	18556(17.8)	19696(18.9)	18222(17.3)
9.	Tobacco	870(0.8)	1245(1.2)	1256(1.2)	1217(1.2)
10.	Groundnut	17580(16.7)	20766(20.0)	20515(19.6)	20855(19.8)
11.	Other non-food crops	12890(12.2)	12879(12.3)	12853(12.3)	13084(12.5)
12.	Total fodder crops	N.A.	N.A.	N.A.	N.A.
13.	Total non food crops	47160(44.7)	53356(51.3)	54320(52.0)	53378(50.8)
14.	Gross cropped area	105400(100.0)	104041(100.0)	104385(100.0)	105089(100.0)

Table contd. -23-

(Figures in '00 heeters)

Sr. No.	Item	Panchmahals District				Tribal Area(including Tribal Pocket)			
		1970-71	1976-77	1977-78	1978-79	1970-71	1976-77	1977-78	1978-79
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1.	Rice	1023(18.4)	887(16.3)	984(18.2)	1002(18.5)	560(17.2)	521(15.4)	579(17.2)	577(17.3)
2.	Wheat	242(4.3)	235(4.3)	245(4.5)	248(4.6)	177(5.4)	176(5.2)	183(5.4)	189(5.6)
3.	Jowar	103(1.8)	98(1.8)	102(1.9)	86(1.6)	33(1.0)	33(1.0)	41(1.2)	28(0.8)
4.	Maize	1435(25.7)	1598(29.5)	1557(28.9)	1585(29.3)	1085(33.2)	1228(36.4)	1195(35.5)	1207(36.0)
5.	Bajri	412(7.4)	225(4.1)	194(3.6)	187(3.5)	76(2.3)	40(1.2)	33(1.0)	38(1.1)
6.	Other food crops	1241(22.2)	1316(24.3)	1260(23.4)	1263(23.3)	853(26.2)	933(27.6)	901(26.9)	882(26.3)
7.	Total food crops	4456(79.8)	4359(80.3)	4342(80.5)	4371(80.8)	2784(85.3)	2931(86.8)	2932(87.2)	2921(87.1)
8.	Cotton	370(6.6)	474(8.7)	480(8.9)	484(9.0)	73(2.2)	142(4.2)	152(4.5)	157(4.7)
9.	Tobacco	26(0.5)	31(0.6)	30(0.6)	23(0.4)	2(0.1)	2(0.1)	1(0.0)	1(0.0)
10.	Groundnut	484(8.7)	383(7.1)	379(7.0)	350(6.5)	222(6.8)	160(4.6)	143(4.2)	137(4.1)
11.	Total fodder crops	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12.	Other non food crops	249(4.5)	179(3.3)	161(3.0)	178(3.3)	183(5.6)	144(4.3)	136(4.1)	139(4.1)
13.	Total non food crops	1129(20.2)	1067(19.7)	1050(19.5)	1035(19.2)	480(14.7)	448(13.2)	432(12.8)	434(12.9)
14.	Gross cropped areas	5585(100.0)	5420(100.0)	5392(100.0)	5406(100.0)	3264(100.0)	3379(100.0)	3364(100.0)	3355(100.0)

Figures in bracket show the percentage to total cropped area.

2.9.2.2 From the above table it can be seen that during 1970-71 to 1978-79 there is slight variation in the area under crop at district and tribal area level. Percentage of area under food crops to total gross cropped area has decreased by about 6% during this period at State level while it has increased by 1% at district level. For tribal area this percentage has increased by about 2%.

2.9.2.3 In the district maize and cotton are important crops among food crops and non food crops respectively. In 1978-79 cotton and maize accounted for 9.0 % and 29.3% respectively of total cropped area. The cotton crop showed an upward trend in 1978-79, while Bajri showed downward trend during 1978-79. Similar trend is also noticed in case of tribal areas of the district.

2.10. Irrigation

2.10.1 The following table gives the data of gross irrigated area to gross area sown.

Table-11

Percentage of gross area irrigated to gross cropped area

(Figures in '000 hectares)

Sr. No.	Item	<u>Gujarat State</u>				<u>Panchmahals dist.</u>				<u>Tribal Area (including Tribal pocket)</u>			
		1970	1976	1977	1978	1976	1977	1978	*1970	1976	1977	1978	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1.	Gross cropped area	10540	10404	10438	10509	559	543	539	541	326	338	336	336
2.	Gross area irrigated	1494	1774	1936	2020	27	33	30	38	13	13	14	18
3.	% of gross area irrigated to gross cropped area	14.2	17.0	18.5	19.2	4.8	6.1	5.5	7.1	4.1	4.0	4.2	5.3

(\*Excluding tribal pocket)

2.10.2. The proportion of irrigation in Panchmahals district is less as compared to that in the State. By the end of 1978-79 only 7.1% of the area to gross cropped area was irrigated in the district. For tribal area it was 5.3%. In case of district the percentage of irrigation have varied between 4.8 to 7.1% while in case of tribal area the percentage of irrigation have increased during 1970-71 to 1978-79. The following table furnishes the information regarding the sourcewise net area irrigated.

Table-12

Net area irrigated by different sources

(Figs. in '00 hecets.)

Source of Irrigation	Gujarat State			Panchmahals District			Tribal Area		
	1970-71	1977-78	1978-79	1970-71	1977-78	1978-79	1970-71	1977-78	1978-79
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
Canals	24 (17.3)	33 (19.0)	33 (18.3)	79 (30.5)	71 (25.4)	123 (34.3)	53 (39.7)	40 (28.7)	52 (30.3)
Tanks	4 (2.7)	3 (1.9)	3 (2.0)	20 (7.7)	47 (15.9)	46 (12.9)	7 (5.3)	25 (17.8)	25 (14.2)
Wells	108 (79.0)	135 (78.6)	141 (79.2)	153 (59.2)	152 (54.5)	177 (49.2)	67 (50.9)	71 (51.4)	89 (51.4)
Tube wells	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Other sources	141 (1.0)	1 (0.5)	1 (0.5)	7 (2.6)	9 (3.2)	13 (3.6)	5 (4.1)	3 (2.1)	6 (3.7)
Total	137 (100.0)	172 (100.0)	178 (100.0)	259 (100.0)	279 (100.0)	359 (100.0)	132 (100.0)	139 (100.0)	172 (100.0)

\* excluding tribal pocket.

2.10.3 It is observed from the above table that wells formed the main source of Irrigation at state as well as district and tribal area level. The area irrigated by canals was 34.3 % in the district in 1978-79 against the corresponding figure of 18.3% in the State. The area irrigated by wells was 79.2% in the state against 49.2% in the district in 1978-79. As far as tribal area is concerned, Percentage of irrigation by wells has increased from 49.2% in 1970-71 to 51.8% in 1978-79.

2.11 Livestock and Poultry

2.11.1 As per livestock census of 1977, the total livestock population in the district was 14.70 lakhs which was only 10.2 % of the total livestock population in the state. The proportion of poultry population in the district to the total poultry population in the State is 12.8%. The following table gives the comparative position of livestock and poultry population in the state and district.

Table-13  
Livestock population (Figures in '000)

Item	Gujarat State		Panchmahals District		Tribal Area	
	1972	1977	1972	1977	1972	1977
	2.	3.	4.	5.	6.	7.
<u>Cattle</u>						
Male over 3 years	3065 (20.3)	2876 (20.0)	453 (30.9)	436 (29.7)	307 (30.9)	300 (29.9)
Female over 3 years	1812 (12.0)	1697 (11.8)	200 (13.6)	193 (13.1)	143 (14.4)	138 (13.7)
Young stock	1580 (10.5)	1433 (9.9)	157 (10.7)	146 (9.9)	112 (11.3)	106 (10.5)
Total cattle	6457 (42.8)	6006 (41.7)	810 (55.2)	775 (52.7)	562 (56.6)	544 (54.1)

contd.

1.	2.	3.	4.	5.	6.	7.
<u>Buffaloes</u>						
Male over 3 years	43 (0.3)	35 (0.2)	2 (0.1)	2 (0.1)	2 (0.2)	1 (0.0)
Female over 3 years	2047 (13.6)	2093 (14.6)	168 (11.5)	173 (11.8)	94 (9.5)	94 (9.4)
Young stock	1373 (9.1)	1345 (9.3)	118 (8.0)	114 (7.8)	65 (6.5)	64 (6.4)
Total	3468 (23.0)	3473 (24.1)	288 (19.6)	289 (19.7)	160 (16.2)	159 (15.8)
<u>Other livestock</u>						
Sheep	1722 (11.4)	1592 (11.1)	6 (0.4)	9 (0.6)	6 (0.6)	7 (0.7)
Goats	3209 (21.3)	3084 (21.4)	354 (24.2)	381 (25.9)	259 (26.1)	289 (28.8)
Others	241 (1.5)	251 (1.7)	9 (0.6)	16 (1.1)	5 (0.5)	6 (0.6)
Total	5172 (34.2)	4927 (34.2)	369 (25.2)	406 (27.6)	270 (27.2)	302 (30.1)
Total Livestock	15097 (100.0)	14406 (100.0)	1467 (100.0)	1470 (100.0)	992 (100.0)	1005 (100.0)
Poultry	2736	3496	470	701	382	562

Percentage in bracket indicates the percentage to total livestock population.

2.11.2 Cattle and Buffaloes accounted for about 72.9 percent of the livestock population. It is very significant that this difference is mainly due to large proportion (29.7 percent) of cattle male population of over 3 years in the district against 20% in the State. For tribal area about 70% of the livestock is under the group of cattle and Buffaloes. One of the important reasons for this is that transport of forest produce needs more bullocks as draught animals. Proportion of goats to total livestock population in the district is above one fourth (25.9%) For tribal area proportion is still high (28.8%). During the interval of 5 years 1972-77 the total cattle population has decreased by 1.1%



while buffaloes population has slight increased. Population of sheep has decreased by 0.3%. While incase of Goats it has slightly decreased in the State. Similarly overall cattle population has decreased by 2.5% while buffaloes population has slightly increased and other livestock population has increased by 2.4% in 1977 compared to the position of 1972 livestock census. As far as tribal area is concerned, the total livestock population has increased only by 1.3 percent during ~~1972~~ 1972 to 1977. There is slight decrease in cattle population ~~in~~ over 3 years. The percentage decrease comes to 1%, Similarly percentage increase in poultry population comes to about 47.1%.

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2.12 Industries

2.12.1 Panchmahals district is one of the Industrially backward districts of the state. At the end of 1977 there were only 139 factories employing 6861 persons in Panchmahals district accounting for only 1.5 % of total registered factories and 1.2% of total employment in the State. The important industries in the district are cotton ginning and pressing and textile manufacturing. The following table indicates the growth of registered factories and daily number of workers engaged therein over period of 9 years in Gujarat State, Panchmahals district and tribal area in the district.

Table-14

No. of working factories and average no. of workers employed

Year	Gujarat State		Panchmahal District		Tribal Area	
	No. of working factories	Average No. of workers	No. of working factories	Average No. of workers	No. of working factories	Average No. of workers
1.	2.	3.	4.	5.	6.	7.
1970	5544	437554	83	5618	23	3275
1973	6839	501097	102	6775	25	4014
1977	9508	565110	139	6861	33	3415
1979	10611	639104	174	8426	N.A.	N.A.

2.12.2 From the figures presented in above, it is evident that the pace of Industrial development in Panchmahals district is gradually increasing . The number of factories in the State has increased from 6839 in 1973 to 10611 in 1979, while in Panchmahals district, the number has increased from 83 to 174 indicating an increase of about 110 percent. During 1970 to 1977 there were addition of 10 working factories in tribal area, Average no. of workers has increased from 3275 to 3415 during the same period.

2.13 Electricity

2.13.1 At the end of 1973-74 105 villages (10.2%) in the district were electrified as against 5374 villages (31.0%) in the state. At the end of March, 1979, 385 villages of Panchmahals district were electrified as against 9464 villages in the State. In terms of proportion, 20.2% of villages of the district were electrified as compared to 51.8 % in the State. As far as tribal area is concerned percentage of villages electrified to total no. of villages was 6% in 1973-74 which has increased to 13% in 1978-79.

2.14 Transport

2.14.1 The following table presents the information regarding railway and line length/bus facilities in the district and the state.

Table-15

Railway line length and bus stops in the state and district.

(As on 31-3-79)

Item	Gujarat State	Panchmahals district	
1.	2,	3.	
1) Broad guage kms.	1153	160	
2) Metre guage kms.	3323	-	
3) Narrow guage kms.	1120	107	
	<u>5601</u>	<u>267</u>	
Villages directly served with (S.T.) Bus services.		Percentage	Percentage
4) Throughout year	7631	41.21	38.20
5) Fair reason only	6848	37.03	20.23
	<u>14479</u>	<u>78.30</u>	<u>58.43</u>

2.14.2 It can be seen that in Panchmahals district, the total length of railway line was 267 kms. against 5601 kms in Gujarat State at the end of 1978-79. In Panchmahals district, 727 villages were directly connected with S.T. Services throughout the year and 385 villages were connected with S.T. in fair season only whereas the corresponding figures of the State were 7631 and 6843 villages respectively as on 31-3-79. Separate data for tribal area is not available.

2.15 Communication

2.15.1 The following table presents the information regarding number of post offices in the state, district and tribal area of the district.

Table No. 15  
and

Number of post offices and post/telegraph offices in Gujarat State, Panchmahals district and tribal area of Panchmahals district.

Item	Gujarat State		Panchmahals district		Tribal Area	
	1973-74	1978-79	1973-74	1978-79	1973-74	1978-79
Post Office	7209	7554	350	399	193	234
Post office & Telegraph office	675	1322	32	34	11	13

2.15.2 It can be seen that there were 399 post offices in the district as against 7554 such offices in Gujarat State. The number of post offices has increased from 350 in 1973-74 to 399 in 1978-79 in Panchmahals district. While it has increased from 7209 to 7554 during the same period in the State. By the end of March 1979 there were 21% villages with post offices in the district, against 44% in the State. In tribal area there is addition of only 2 post and telegraph offices during 1973-74 to 1978-79. The no. of post offices has increased from 193 in 1973-74 to 234 in 1978-79 by the end of March 1979 there were 20% of villages were with post offices in tribal area.

2.16 Education

2.16.1 Details regarding number of primary schools in the tribal areas district and in the state are given in the following table.

Table-17

1. Number of villages having primary schools

Item	Gujarat State		Panchmahal District		Tribal Area	
	1973-74	1978-79	1973-74	1978-79	1973-74	1978-79
1.	2.	3.	4.	5.	6.	7.
Number of villages with Primary schools	16130	17042	1504	1678	903	1024
Number of Primary Schools	22079	23640	1929	2083	1104	1233
Percentage of villages with Primary Schools	87.2	92.2	79.0	88.2	78.0	88.4

2.16.1.2. It can be seen from the above table that there were 2083

Primary Schools in the district against 23640 in the state at the end of 1978-79. As on 31st March 1979, 1678 villages (88.2%) were provided with Primary Schools in the district against 17042 villages (92.2 percent) in the State. As far as tribal is concerned 1024 (88.4 percent) villages have been covered with the facility of Primary schools by the end of 1978-79.

2.17 Banking

2.17.1 The following table presents the data on banking facilities available in tribal area, district and in the State.

Table-18

Number of scheduled and co-operative bank offices

Sr. No.	Item	Gujarat State		Panchmahals District		Tribal area (including T.P.)	
		1973-74	1978-79	1973-74	1978-79	1973-74	1978-79
1.	2.	3.	4.	5.	6.	7.	8.
<u>Scheduled Bank</u>							
1.	Number of places having bank office	662	1011	21	39	8	16
2.	Number of bank offices	1409	2204	37	61	15	24
3.	Population per Bank Office	18949	12113	49968	30308	73009	45630

1.	2.	3.	4.	5.	6.	7.	8.
<u>1. Co-operative Bank</u>							
4. Number of places having Bank office		520	690	24	31	11	14
5. Number of bank offices		743	1122	40	55	19	26
6. Population per bank office		35691	23794	46220	33615	57538	42120

2.17.1.2 It can be seen that Panchmahals district is relatively poor in respect of banking facilities. At the end of March 1979, on an average there was one scheduled bank office to serve 30 thousand persons in panchmahals district, as against population of 12 thousands in the states. On an average a co-operative bank in the district served a population of about 34 thousand persons against 24 thousand persons in the state. As far as the tribal area in the district is concerned, one scheduled bank covered the population of 46 thousand and average coverage of co-operative bank is to the extent of 42 thousand population by the end of 1978-79, which indicates that the district as a whole is having better banking facilities than that in the tribal area in the district.

CHAPTER-3

Demographic characteristics

3.1 Introduction.

3.1.1 This chapter deals with the analysis of the demographic characteristics of the tribal area vis-a-vis the non-tribal area as revealed by the 1981 census. Density , sex ratio, literacy rate, labour participation rate and industrial classification are the important aspects covered in this analysis. Seperate data for tribal communities living in the tribal area are given wherever possible.

3.2 Tribal population

3.2.1 According to 1981 census the tribal population is 41.8% of total population of the district. In the tribal area 63.1% of total population belongs to scheduled tribes. The information of scheduled tribes and scheduled castes in tribal and non-tribal areas is given in the following table.

Table -19

Population of scheduled tribes and scheduled castes in tribal and non-tribal areas of the district.

(Figures in '000)

Category of area	Total population		Scheduled tribes persons		scheduled castes persons	
	1981	1971	1981	1971	1981	1971
1.	2.	3.	4.	5.	6.	7.
Tribal Area	1391	1095	873(63.1)	643(58.7)	35(2.5)	24(2.2)
Non-Tribal Area	931	754	92(9.9)	70(9.2)	53(5.7)	44(5.8)
District	2322	1849	970(41.8)	713(38.6)	88(3.8)	68(3.7)

Note: Figures in brackets indicate the percentage to total population in the respective category.

3.2.2 It may be noted that the tribal area of the district has only 2.5% of population belonging to scheduled castes. The talukawise data reveals that Kalol taluka of non tribal area has the highest percent (7.3%) of scheduled castes population followed by Kathola pocket of Halol taluka (7.1%) in tribal area. Santrampur taluka of tribal area has the lowest percentage (1.0%). Details are given in appended statement No. 9.

### 3.3 Growth of population

3.3.1 The following table gives data regarding the growth of population between 1971 and 1981 for the tribal and non-tribal area.

Table-20

Growth of population 1971-81 (Figures in '000)

Taluka	1971		1981		Percentage increase in 1981 over 1971	
	Total Population	Tribal Population	Total Population	Tribal Population	Total population	Tribal Population
1.	2.	3.	4.	5.	6.	7.
1. Santrampur	247	146	323	215	30.7	47.4
2. Jhalod	159	135	201	171	26.2	27.0
3. Dohad	236	167	296	216	25.6	28.9
4. Limkheda	163	96	211	124	29.7	28.8
5. Devgadbaria	219	60	275	105	25.4	73.8
6. Kathola pocket (Halol)	30	17	35	19	15.1	13.9
7. Mora Pocket (Godhra)	41	22	50	28	22.6	30.7
8. Total Tribal Area	1095	643	1391	878	27.0	36.6
Non-Tribal Area	754	70	931	92	23.5	31.0
District	1849	713	2322	970	25.6	36.0



3.3.2.2 It is observed that the growth of population during the decade 1971-81 was higher among the tribals (36.0%) than that of general population (25.6%).

3.4 Density of population

3.4.1 According to 1981 census the average density of population per sq. km., in the tribal area is 249 persons as against 283 persons in the non-tribal area. Details are given in the following table.

Table-21

Density of Population

Type of areas	Year	Area in sq.km.	Population	Density of population per sq. km.
1.	2.	3.	4.	5.
Tribal Area	1981	5597	1390933	249
	1971	5589	1095130	195
Non-Tribal Area	1981	3227	930706	283
	1971	3261	753674	231

Note: Figures of area are based on land use area and are derived from the figures supplied by the Director of land records. Hence the district total will not tally with geographical area figures supplied by the Surveyor General of India.

3.4.2 Talukawise details are given in appended statement No. 11 & 12.

3.4.3 As far as overall growth is concerned there is marginal difference between tribal and non-tribal area.

3.4.4 Talukawise details are given in appended statement No. 10.

3.5 Rural Population

3.5.1 The proportion of rural population to total population in Panchmahals district is 88.9%. While the proportion of rural population in tribal area is 92.2% as against 84.1% in non-tribal area. In comparison with the 1971 census, the proportion of rural population to total population is almost the same. The necessary details are given in the following table.

Table No. 22

Proportion of Rural Population to total population

Type of area	1971		1981	
	Rural Population	Percentage to total Population	Rural Population	Percentage to total Population
1.	2.	3.	4.	5.
Tribal Area	1004137	91.7	1281755	92.2
Non-Tribal Area	637497	84.6	782382	84.1
District	1641634	88.8	2064137	88.9

3.6 Urban Population

3.6.1 Out of 9 towns in the district. 4 towns are in tribal area and 5 towns in non-tribal area. The proportion of urban population to total population in tribal area is only 7.8%, as against 15.9% in non-tribal area which can be seen from the information presented below.

Table No. 23

percentage of Urban population to total population

Type of area	Total population		Urban Population		Percentage of Urban population to total population	
	1971	1981	1971	1981	1971	1981
1.	2.	3.	4.	5.	6.	7.
Tribal area	1095130	1390983	90993	109228	8.3	7.8
Non-Tribal area	753674	930706	116177	148324	15.4	15.9
District	1848804	2321689	207170	257552	11.2	11.1

3.6.2 Talukawise details of rural & urban population are given in appended statements No. 13 & 14.

3.7 Sex ratio

3.7.1 The following table gives the sex ratio of females per 1000 males in the tribal and non-tribal areas of the district.

Table No. 24

Sex ratio in tribal and non-tribal area

Type of area 1.	Sex ration of females per 1000 males	
	1971 2.	1981 3.
Tribal area	955	972
Non-Tribal area	928	939
District	944	959

3.7.1.2 It can be seen that the sex ratio in the tribal area(972 females per 1000 males) is slightly higher than that of non-tribal area(939)

3.7.1.3 Talukawise details are given in appended statements No. 13&14.

3.8 Literacy

3.8.1 The data on literacy obtained from the 1981 census , indicates wide variation between the literacy rates in the tribal and non-tribal area of the district. According to 1981 census 21.7% persons in the tribal area are literate as against 37.7% persons in the non-tribal area. The following table furnishes the information regarding literacy rates based on 1971 and 1981 census data.

Table No. 25

Percentage of literacy by sex

Type of area 1.	1971			1981		
	Male 2.	Female 3.	Total 4.	Male 5.	Female 6.	Total 7.
1. Tribal area	30.1	7.5	17.3	32.5	10.6	21.7
2. Non Tribal area	44.2	16.4	30.3	53.0	21.3	37.7
3. District	33.7	11.2	22.8	40.8	14.9	28.1

3.8.2 Comparison of literacy rates among males and females between 1971 and 1981 shows that there is significant improvement in the literacy rate in the tribal and non-tribal areas during the decade .

3.8.3 Considering the literacy rate among different talukas in the tribal area it is lowest in Kathola pocket (7.2%) followed by Limkheda Taluka(16.2%) and Mcra pocket (20.2%). Literacy rates of females in these areas are extremely poor.

3.8.4 It can also be seen from the following table that literacy rate among females in tribal area is 10.6% as compared to 21.3% in the non-tribal area. Similarly the literacy rate among males in tribal area is only 32.5% as against 53.0% in non-tribal area.

3.8.5 Talukawise details are given in appended statement No. 15.

Abstract is given in the following table.

-40-

Table No. 26

Talukawise percentage of literacy

District	1971			1981		
	Male	Female	Total	Male	Female	Total
1.	2.	3.	4.	5.	6.	7.
Santrampur	27.2	6.7	17.2	35.4	10.5	23.2
Jhalod	23.4	7.3	15.5	30.0	11.0	20.6
Dohad	32.1	15.8	24.0	35.6	17.7	26.7
Limkheda	18.7	2.5	10.7	26.7	5.5	16.2
Devgadhi Baria	26.6	5.9	16.6	34.1	8.5	21.6
Kathola pocket (Halol)	26.4	2.8	15.5	11.2	2.8	7.2
Mora Pocket (Godhra)	27.4	4.3	17.7	34.2	5.4	20.2
Sub total	30.1	7.5	17.3	32.5	10.6	21.7
Tribal area						

3.8.6 The data on literacy among the tribal communities will provide more precise picture about the spread of education among the tribal population. The following table gives data on literacy rate of tribal community and general population in the tribal and non-tribal area.

Table-27

Literacy among tribal community and general population

Type of area	Literacy rate Total population		Literacy rate Tribal population		Total	Male	Female	Total
	1971	1981	1971	1981				
1.	2.	3.	4.	5.	6.	7.	8.	9.
Tribal area	17.3	21.7	16.1	2.1	9.2	23.1	4.5	13.8
Non-Tribal area	30.8	37.7	15.6	1.6	8.8	21.3	3.4	12.6
District	22.8	28.1	16.1	2.0	9.2	22.8	4.3	13.7

Note: As villagewise data is not available, Kathola & Mora pocket as included in the non-tribal area.

3.8.6 It can be seen that in the tribal area the literacy rate among tribal population is only 13.8% as compared to about 21.7% for the total population.

3.8.7 During the decade, the literacy in tribal and non-tribal areas among the tribal community has increased from 9.2% to 13.8% in tribal area and from 8.8% to 12.6% in non-tribal area. Literacy rate in non-tribal area is lower than that in tribal area among the tribal community.

3.8.8.1) Considering the talukawise details of literacy among tribal community, it is observed that in non-tribal area, the literacy rate ranges between 7% to 17% in all the six talukas. However in tribal talukas it ranges between 11% to 16%. It is interesting to point out that lieteracy rate among tribal community is highest (16%) in Santrampur taluka followed by 15% in Jhalod taluka. It is lowest (11%) in Limkheda taluka. Talukawise details are given in appended statement No. 16 & 17.

### 3.9 Working population.

3.9.1 The labour participation rates and industrial classification of working population provide useful data for studying level of economic development of a region. In this context the analysis of the working population on the basis of data available from the 1981 census is attempted in the following paragraphs.

3.9.2 The table below gives the proportion of workers to total population among males and females in the tribal and non-tribal areas of the district.

Table-No.28

Proportion of workers to total population in the groups

Type of Area	Workers			Percentage of workers to population in the group			
	Year	Male	Female	Total	Male	Female	Total
1.	2.	3.	4.	5.	6.	7.	8.
Tribal area	1971	310967	107050	418017	55.0	20.0	38.2
	1981	380103	90600	470703	53.9	13.2	33.8
Non-Tribal area	1971	207219	53119	260338	53.0	14.6	34.5
	1981	257065	43630	300695	53.6	9.7	32.3
District	1971	378186	160169	678355	54.5	17.8	36.7
	1981	637168	134230	771398	53.8	11.8	33.2

3.9.3 It can be seen from the above table that the proportion of persons reported as workers in the tribal area (33.8%) is slightly higher than the corresponding figure (32.6%) in non-tribal area. It is significant to note that the difference between the tribal and non tribal area is reduced in respect of female participation rates during 1971 to 1981. In tribal area about 13.2% females were workers as against 9.7% in non-tribal area in 1981. Corresponding percentages in 1971 were 20% & 14.6% respectively. During the year 1981, the proportion of males reported as workers in tribal area was slightly higher (53.9%) than the percentage of workers in non-tribal area (53.6%) in 1981. The female participation rate was lower in 1981 in tribal and non tribal areas compared to corresponding figures of 1971 census. In tribal areas, Devgadbaria taluka has the

highest female participation rates (30.4%) followed by Kathola pocket of Halol taluka (20.5%). Whereas the female participation rate was lowest in Dohad and Limkheda (7.4% each) and Mora pocket of Godhra taluka (4.3%) according to 1981 census. Details are given in appended statement No. 19.

3.9.4 As regards the male participation rate, position of tribal and non-tribal area is almost similar. The proportion of workers among males lies between 51% to 58% in almost all talukas in the district.

3.10 Agricultural workers

3.10.1 As observed earlier, a large proportion of workers in the tribal area are engaged in agriculture. The following table presents the proportion of cultivators and agricultural labourers to total workers in the tribal and non-tribal areas.

Table No. 29

Proportion of cultivators and agricultural labourers to total workers

Type of area	Cultivators		Agricultural labourers		Total Agricultural workers		Other workers	
	1971	1981	1971	1981	1971	1981	1971	1981
1.	2.	3.	4.	5.	6.	7.	8.	9.
Tribal Area	85.0	79.0	5.5	8.7	90.5	87.7	9.5	12.3
Non Tribal area	71.4	62.2	11.5	14.5	82.9	76.7	17.1	23.3
District	79.8	72.4	7.8	10.9	87.6	83.4	12.4	16.6



3.10.2 It is observed that in tribal area 79.0% workers have been reported as cultivators and 8.7% as agricultural labourers in 1981. The corresponding percentages for the non-tribal area are 62.2% and 14.5% respectively. During the decade there is a considerable decline in the proportion of cultivators in non-tribal area and total agricultural workers in the tribal and non-tribal areas.

3.10.3 There is substantial rise in the number of agricultural labourers and other workers in 1981 census as compared to 1971 census both in tribal and non-tribal areas. The talukawise details for the tribal area indicate that the proportion of agricultural labourers is highest (32.4%) in Kathola pocket of Halol taluka. Jhalod taluka has the lowest percentage (3.9%). The highest proportion of cultivators is in Linkheda taluka (88.3%) followed by Dohad taluka (85.4%) and Mora pocket (85.3%) of Godhra taluka. Kathola pocket (54.1%) of Godhra taluka has the lowest percentage. In non-tribal area, the highest proportion of cultivators is in Shehera taluka (82.8%) and lowest in Halol taluka (46.9%). Talukawise details are given in the appended statement No. 20 & 21.

CHAPTER-4Agriculture and Allied Activities

4.1 It is already observed that 83.4 percent of the working population in Panchmahals district is engaged in agriculture, which comprises of 72.5 per cent as cultivators and 10.9 percent as agricultural labourers. Thus the economy of panchmahals district is highly dependent on agriculture, requiring a large man power. This chapter attempts to analyse the district characteristics of tribal and non-tribal area in respect of agriculture and allied activities.

4.2 Agricultural workers.

4.2.1 The following table gives the information regarding the proportion of workers engaged in agriculture in tribal and non-tribal area of panchmahals district.

Table-3 D

Proportion of agricultural workers to total workers

Sr. No.	Taluka	Total workers		No. of agricultural workers		% of agricultural workers to total workers	
		1971	1981*	1971	1981*	1971	1981*
1.	2.	3.	4.	5.	6.	7.	8.
1.	<u>Tribal area</u>						
1.	Santrampur	85414	96409	78171	85153	91.5	88.3
2.	Jhalod	62080	69002	57139	61636	92.0	89.8
3.	Dohad	75679	87298	58262	64250	77.0	73.6
4.	Limkheda	67398	66807	64670	62823	96.0	94.0
5.	Devgadhi-Baria	102551	122568	96493	113489	94.1	92.6
6.	Kathola pocket (Halol)	10027	13947	9071	12059	90.5	86.5
7.	Mora Pocket (Godhra)	14868	14672	14444	13263	97.1	90.4
	Sub Total	418017	470703	378250	412673	90.5	87.7

1.	2.	3.	4.	5.	6.	7.	8.
<u>1. Non-Tribal Area</u>							
8.	Godhra(Excl T.P)	75432	59591	54692	59898	72.5	66.7
9.	Kalol	34669	45340	28116	34265	81.1	75.6
10.	Halol (Excl TF)	27422	35552	24942	25992	80.0	73.1
11.	Shehera	58126	47893	55459	41645	95.4	90.7
12.	Lunawada	57657	76245	49175	61735	85.3	81.0
13.	Jambughoda	7032	8374	6439	6971	91.6	86.3
	Sub-Total	260338	300695	215833	230506	82.9	76.7
	District total	678355	771398	594083	642179	87.6	83.4

\* Figures pertain only to main worker

4.3 It is seen from the above table that 87.9% of the population is engaged in agriculture in the tribal area as against 76.7% in the non-tribal area. It is interesting to note that during the decade the percentage of agricultural workers to total workers has decreased in all the talukas of tribal and non-tribal areas. As far as cultivators and agricultural labourers are concerned, it can be seen from the appended statements 20 and 21 that only in Halol (excluding pocket) taluka. The percentage of agricultural labourers had increased. The percentage of cultivators had increased in all talukas during the decade 1971 to 1981. In all the talukas of tribal area, more than 80 percent of workers except in Dahod taluka(73.6%) are agricultural workers. However in all the talukas except Godhra (excluding pocket) more than 70% of workers , are agricultural workers. The proportion of cultivators to total workers is the highest in Limkheda taluka(88.3%) of tribal area and/lowest (46.9%) in Halol (excluding tribal pocket) of non-tribal area in 1981.

4.4 Operational Holdings:

4.4.1 According to Agriculture Census of 1976-77, Panchmahals district has about 2.06 lakhs agricultural holders covering about 5.06 lakhs hectares of land. The average size of operational holdings in the district is about 2.45 hectares. The following table gives details regarding the no. of holders and area of land held by different size of groups of operational holders in the district.

Table No. 31

Number of holders, area of land held by them according to the size of holdings.

Size of holding	Year	Tribal		Non-Tribal		District	
		No	Area	No	Area	No	Area
1.	2.	3.	4.	5.	6.	7.	8.
Upto 2 hectares	1970-71	51169 (48.8)	51753 (17.6)	55866 (58.0)	50847 (22.9)	107035 (53.2)	102605 (19.9)
	1976-77	54637 (50.5)	54428 (18.7)	58273 (59.8)	52092 (24.2)	122910 (54.9)	106520 (21.1)
2 to 5 hectares	1970-71	38651 (36.9)	123508 (42.1)	30688 (31.9)	96559 (43.5)	69339 (34.5)	220097 (42.7)
	1976-77	38731 (35.8)	123130 (42.4)	30128 (30.9)	94437 (43.9)	68859 (33.5)	217567 (43.0)
5 to 20 hectares	1970-71	14939 (14.2)	111732 (38.1)	9618 (10.0)	70335 (31.9)	24557 (12.2)	182667 (35.4)
	1976-77	14700 (13.6)	109842 (37.8)	9000 (9.2)	65296 (30.4)	23700 (11.5)	175138 (34.6)
20 & above	1970-71	133 (0.1)	6317 (2.2)	126 (0.1)	3875 (1.7)	259 (0.1)	10192 (2.0)
	1976-77	114 (0.1)	3088 (1.1)	106 (0.1)	3229 (1.5)	220 (0.1)	6317 (1.3)
Total	1970-71	104892 (100.0)	293365 (100.0)	96298 (100.0)	222196 (100)	201190 (100.0)	515561 (100.0)
	1976-77	108182 (100.0)	290488 (100.0)	97507 (100.0)	215058 (100)	205689 (100.0)	505118 (100.0)

Note:-Figures in brackets show percentage to total. 1\*

4.5 The distribution of land holdings by different size groups of operational holdings as per 1976-77. Agriculture census shows that about 50.5% of the total operational holders are marginal farmers (holdings upto 2 hectares) in tribal area as against 59.8% in non-tribal area. On the whole in the district as well as in the tribal and non-tribal area, the no. of land holders had increased. However the reverse is the case in case of land holdings, which is decreased in 1976-77 as compared to 1970-71 census. Similarly the no. of land holders possessing land upto 5 hectares are 36.3% possessing 61.1% of land in tribal area in 1976-77, as against 90.7 holders possessing 63.1% of area of land in non-tribal area. Taluka wise breakup of land holders and holdings during 1976-77 is given in the appended statement No. 23.

4.6 Cropping pattern

4.6.1 The following table presents the data on area of land/under food and non-food crops in tribal and non-tribal area of the district.

Table No. 32  
Area covered under food & non-food crops

Item	Year	Tribal		Non-Tribal		District	
		Area (hect.)	Percent age	Area (hect.)	Percent- age	Area hect	Percent- age
1.	2.	3.	4.	5.	6.	7.	8.
Food crops	1973-74	295608	86.9	156071	72.0	451679	81.1
	1978-79	292142	87.1	144726	70.7	437068	80.8
Non-Food crops	1973-74	44635	13.1	60635	28.0	105320	18.9
	1978-79	43420	12.9	60145	29.3	103565	19.2
Total cropped area	1973-74	340293	100.0	216706	100.0	556919	100.0
	1978-79	335562	100.0	205071	100.0	540633	100.0

4.7 The above table reveals that in tribal area the percentage of area under food crops to total cropped area has increased from 86.9% in 1973-74 to 87.1% in 1978-79, while in non-tribal area it has decreased from 72.7% to 70.7% during the same period. The area under non-food crops has decline from 13.1% to 12.9% in tribal area while it has increased from 23.0% to 29.3% in non-tribal area during 1973-74 to 1978-79. In the district as a whole, it has decreased from 81.1% in 1973-74 to 80.8% in 1978-79. Crop wise details are given in the following table No.33

Table No. 33

Percentage distribution of gross area sown under different crops.  
(Area in hectares)

Item	Tribal Area (including Tribal pockets)		Non-Tribal Area		District					
	1973-74	Average of 1974-75 to 1978-79	1973-74	Average of 1974-75 to 1978-79	1973-74	Average of 1974-75 to 1978-79				
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
Rice	57109 (16.8)	276347 (15.6)	57674 (17.3)	36933 (17.0)	185066 (18.0)	42514 (20.7)	94042 (16.9)	161913 (17.2)	100188 (18.5)	
Wheat	18115 (5.3)	51336 (4.9)	18945 (5.6)	7051 (3.3)	27082 (2.7)	5913 (2.9)	25166 (4.5)	108418 (4.0)	24858 (4.6)	
Jowar	3444 (1.0)	16043 (1.0)	2809 (0.8)	7868 (3.6)	31057 (3.0)	5754 (2.8)	11312 (2.0)	47100 (1.8)	8563 (1.6)	
Bajri	8670 (2.5)	23226 (1.4)	3826 (1.1)	36898 (17.0)	106015 (10.4)	14901 (7.3)	45568 (8.2)	129241 (4.8)	18777 (3.5)	
Maize	118912 (34.9)	605655 (36.4)	120670 (36.0)	35406 (16.4)	186658 (18.3)	37807 (18.4)	114313 (27.7)	792313 (29.5)	158477 (29.3)	
Other food crops	89358 (26.3)	439380 (26.4)	88218 (26.3)	31915 (14.7)	177427 (17.4)	38137 (18.6)	121273 (21.8)	616807 (23.0)	126255 (23.3)	
Total food crops	295608 (86.9)	1442487 (86.7)	292142 (87.1)	156071 (72.0)	713305 (69.8)	144926 (70.7)	451679 (81.1)	2155792 (80.3)	437061 (80.8)	

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
Cotton	13254 (3.9)	75173 (4.5)	15655 (4.7)	35181 (16.2)	171643 (16.9)	32755 (16.0)	148435 (8.7)	246826 (9.2)	48410 (9.0)
Ground nut	15735 (4.6)	73674 (4.4)	13712 (4.1)	20007 (9.3)	108774 (10.6)	21304 (10.4)	35792 (6.4)	182443 (6.8)	35016 (6.5)
Tobacco	154 (0.0)	300 (0.1)	131 (0.0)	2147 (1.0)	10973 (1.1)	2217 (1.4)	2323 (0.4)	17778 (0.4)	2348 (0.4)
Other food crops	115492 (4.6)	70972 (4.3)	13922 (4.1)	3243 (1.5)	16700 (1.6)	3869 (1.9)	18765 (3.4)	37872 (3.3)	17791 (3.3)
Total non food crops	14685 (.1)	220624 (13.3)	43420 (12.9)	60635 (28.0)	308100 (30.2)	60145 (29.3)	105320 (18.9)	528724 (19.7)	103565 (19.2)
Total cropped area	340293 (100.0)	1663111 (100.0)	335562 (100.0)	216706 (100.0)	1021405 (100.0)	205071 (100.0)	55699 (100.0)	2684516 (100.0)	540630 (100.0)

( ) shows the percentage to total cropped area.

4.8 The maize and other food crops are important crops in the district. Area under rice and maize has increased both in tribal & non-tribal areas while there is substantial decrease in the area under Jowar and Bajri during 1973-74 to 1978-79. In tribal area maize covered maximum area (36.0%) followed by other food crops (26.3%) rice (17.3%) and non food crops (12.9%) in 1978-79 while in non-tribal area maximum coverage was under rice (28.7%) followed by other food crops (18.6%) maize (18.4%) and cotton (16.0%)

4.9 Talukawise details are given in appended statement No. 25. Data shows that in tribal area the percentages of area covered under food crops to total cropped area was more than 90% in Santramur & Dohad in 1978-79. In non-tribal area, food crops covered more than 70% of total cropped area in Godhra(excluding tribal pocket), Shehara & Lunawada.

4.10 Irrigation

4.10.1 It is already stated earlier that the district is poor in irrigation facilities. The following table gives the comparative position in the tribal and non-tribal area of the district in respect of irrigation facilities.

Table-34

Percentage of gross area irrigated to gross area sown

Item	Tribal area	Non tribal area	District
1.	2.	3.	4.
1973-74	3.1	7.9	6.0
Five years average 1974-75 to 1978-79	4.1	9.1	6.0
1978-79	5.3	9.9	7.1

4.11 It is seen that in 1978-79, the proportion of area irrigated to total area sown in tribal area was 7.1 percent against 6.0 percent in 1973-74. The five years average (1974-75 to 1978-79) in this regard was also 6.0 percent for the entire district. The corresponding percentage for non-tribal area was 7.9 percent in 1973-74 and 9.9 percent in 1978-79. Considering talukawise data in tribal area, it is noticed that Kathola pocket and Limkheda taluka have the poorest irrigation facilities i.e. only 0.5 percent and 1.0 percent respectively in 1978-79. Similarly in non-tribal area, Godhra(excluding pocket) & Jambughoda talukas have poor irrigation facilities. In the tribal area the percentage of irrigated area was the highest



in Jhalod taluka(9.0 percent) while in non-tribal area it was <sup>the</sup> highest in Kalol taluka(14.2%). Talukawise information is given in appended statement No. 26.

Table No. 35

Percentage distribution of net area Irrigated by different sources

Sr. No.	Source of Irrigation	Tribal Area			Non-Tribal Area			District		
		1973-74	Five years average 74-79	1978-79	1973-74	Five years average 74-79	1978-79	1973-74	Five years average 74-79	1978-79
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
1.	Canals	27.7	23.3	30.3	8.3	17.1	33.0	16.3	22.0	34.3
2.	Tanks	19.8	17.5	14.2	9.0	9.9	11.7	13.4	13.2	12.9
3.	Wells	50.3	51.0	51.8	30.5	70.6	46.9	62.1	62.0	49.2
4.	Tubewells	-	-	-	-	-	-	-	-	-
5.	Other sources	2.2	3.2	3.7	2.2	2.4	3.4	2.2	2.8	3.6
6.	Total net area irrigated	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

4.12 Canals and wells are the main sources of irrigation in tribal and non-tribal areas of the district. The proportion of total area irrigated by wells in 1973-79 is 51.8 percent in tribal area, whereas the corresponding figure for non-tribal area is 46.9 percent. During the interval of 5 years, the area irrigated by wells and canals in tribal area has increased, while area irrigated by tanks has decreased. In non-tribal area the coverage by canals and tanks has increased while area under wells has decreased. Examining the average of 5 years 1974-79, it is observed that the percentage of area irrigated by canals and wells in tribal area has increased as compared to the

corresponding figures of 1973-74, while in non-tribal area the proportion of area irrigated by canals and tanks has increased while it has decreased in case of irrigation by wells. The proportion of total area irrigated through canals is 30.3 percent in tribal area against 38.0 percent in non-tribal area in 1973-79.

4.13 The talukawise data of area irrigated by different sources shows that except Dahod, Santrampur, Devgadbaria, Kalol and Lunawada talukas well is the most important source of irrigation in all talukas of tribal and non-tribal areas whereas canal is important source of irrigation in these five talukas. Details are given in appended statement No. 26.

4.14 Diesel oil engines, Electric motors and Tractors.

4.14.1 The following table gives information regarding oil engines, electric motors and tractors in tribal & non-tribal areas of the district.

Table-36

No. of diesel oil engines, electric motors and tractors in 1977.

Item	Year	Tribal area		Non-tribal area		District	
		No.	Per '000 hects. of net culti- vated area	No.	Per '000 hects. of net culti- vated area.	No.	Per '000 hects. of net culti- vated area
1.	2.	3.	4.	5.	6.	7.	8.
Diesel oil engines with pumps	1977	1960	7.2	5371	27.7	7321	16.2
	1972	662	2.4	2877	13.5	3539	7.3
Electric motors with pumps	1977	237	0.9	899	4.2	1136	2.4
	1972	114	0.4	338	1.6	452	0.9
Tractors	1977	10	0.0	42	0.2	52	0.1
	1972	6	0.0	19	0.1	25	0.1

4.15 - The No. of diesel oil engines as well as electric motors per thousand hecets. of net cultivated land is higher in non-tribal area than in the tribal area. There were 10 tractors in tribal area as against 42 tractors in non-tribal area.

4.16 It is noteworthy that according to 1977 cattle census the number of diesel oil engines per thousand hecets of net cultivated area was the lowest i.e. 2.1 in Dahod taluka and the highest i.e. 12.9 in Santrampur taluka among the tribal talukas of the district, while in respect of the talukas of non-tribal area, it was the lowest i.e. 13.6 in Godhra and the highest i.e. 46.0 in Lunawada taluka. It is further observed that in tribal area the highest no. of tractors were in Dahod taluka (8). There was only one tractor in each of Limkheda & Devghad Baria talukas. In non-tribal area, <sup>the</sup> it was highest (20) in Godhra taluka followed by Lunawada (9) Kalol & Jambughoda (4 each). Details are given in appended statements. No. 23.

4.17 Inputs.

4.17-1 The extent of use of improved seeds, chemical fertilisers, insecticides and pesticides which have a bearing on agricultural productivity are some of the useful indicators of the level of agricultural development in any region. Talukawise consumption data regarding various agricultural inputs are not available, the available data on distribution of improved seeds and chemical fertilisers reported by District Panchayat have been used in <sup>the</sup> compiling requisite indicators for obtaining a broad idea of the development in agriculture through adoption of improved agricultural practices.

4.18 Improved seeds:

4.18.1 The following table gives position regarding the quantity of improved seeds distributed per hectare in the tribal and non-tribal areas of the district.

Table-37

Quantity of improved seeds distributed per hectare of gross cropped area.

Type of area	(in kgs.)				
	1973-74	1976-77	1977-78	1978-79	Average of 1976-77 to 1978-79.
1.	2.	3.	4.	5.	6.
Tribal area	9.8	7.9	22.5	323.4	119.6
Non-Tribal area	7.9	14.9	445.2	531.7	330.6
District	9.1	10.5	181.4	405.5	199.1

4.19 It is noticed that the quantity of improved seeds distributed per hectare in the tribal area is lower than that of in non-tribal area for three out of four years. It is also seen that the quantity of improved seeds distributed per hectare (taking the average of three years) has increased in tribal and non-tribal areas.

4.20 Among the talukas of tribal area, the distribution of improved seeds per hectare of gross cropped area in 1978-79 was the lowest in Kathola tribal pocket (6.0) and the highest in Dahod taluka (547.3). In non-tribal area, the distribution of improved seeds per hectare of gross cropped area was the lowest in Shohera taluka 219.8 and the highest in Halol(excluding Tr) taluka (445.6) Talukawise details are given in appended statement No. 30.

4.21 Chemical fertilisers

4.21.1 The data on the quantity of chemical fertilisers distributed per hectare of gross cropped area in tribal and non-tribal areas of the district is given in the following table.

Table-38

Quantity of chemical fertilisers distributed per hectares of gross cropped area.

Type of area	In Kgs.		
	1973-74	1976-77	1977-78
1.	2.	3.	4.
Tribal Area	5.8	3.6	5.5
Non-Tribal Area	3422	2822	4.8
District	16.9	13.0	5.2

4.22 It is observed that in the year 1977-78 the quantity of chemical fertilisers distributed per hectare was 5.5 kgs. in the tribal area also while in non-tribal area it was 4.8 kgs. It is seen that the quantity of chemical fertilisers distributed per hectare in the tribal as well as non-tribal areas do not show increasing trend during the period 1973-74 to 1977-78. It may be pointed out that the quantity of chemical fertilisers distributed per hectare has decreased in Tribal as well as non-tribal area as compared to the position in 1973-74. The figures for the tribal area however were significantly low compared to the figures of non-tribal area during the year 1973-74 & 1976-77.

4.23 Within the tribal area Santrapur taluka has reported the lowest quantity (2.0 kgs) of chemical fertilisers distributed per hectare of gross cropped area. Whereas linkheda tauka has reported the highest quantity (1435.6 kgs) per hectare of gross cropped area in 1978-79. Details are given in appended statement No. 29 & 30.

4.24 Livestock

4.24.1 Panchmahals district covered 9.8 percent of the total livestock of the State. However within the district, the tribal area covered 68 percent of the total livestock population of the district. The following table gives the data of livestock population in the tribal and Non-tribal area of the district according to broad categories of livestock.

Table-39  
Livestock Population Figures in '00

Item	1972			1977		
	Tribal Area	Non-Tribal Area	District	Tribal Area	Non Tribal Area	District
	2.	3.	4.	5.	6.	7.
<u>Cattle</u>						
Male over 3 years	3073 (30.93)	1456 (30.66)	4530 (30.33)	2990 (29.75)	1371 (29.43)	4361 (29.66)
Female over 3 years	1426 (14.37)	571 (12.03)	1996 (13.61)	1334 (13.75)	544 (11.70)	1928 (13.11)
Young stock	1119 (11.23)	450 (9.43)	1569 (10.70)	1063 (10.53)	395 (8.43)	1457 (9.91)
Total	5618 (56.63)	2477 (52.17)	8095 (55.19)	5437 (54.09)	2310 (49.66)	7746 (52.63)
<u>Buffaloes</u>						
Male over 3 years	18 (0.18)	5 (0.11)	23 (0.15)	10 (0.10)	5 (0.11)	15 (0.10)
Female over 3 years	941 (9.49)	735 (15.43)	1674 (11.43)	941 (9.36)	793 (17.05)	1734 (11.79)
Youngstock	643 (6.53)	530 (11.16)	1173 (8.03)	638 (6.35)	506 (10.83)	1144 (7.79)
Total Buffaloes	1607 (16.20)	1270 (26.75)	2877 (19.61)	1589 (15.81)	1304 (28.04)	2893 (19.63)
<u>Other live stock</u>	2695 (27.17)	1007 (21.03)	3696 (25.20)	3026 (30.19)	1037 (22.30)	4663 (27.64)
Total	9920 (100.0)	4748 (100.0)	14668 (100.0)	10051 (100.0)	4651 (100.0)	14702 (100.0)

4.25 Cattle population in the tribal area covered 54.09% of total livestock population as against 49.66% in the non-tribal area as per 1977 livestock census. Cattle population in tribal and non-tribal area in 1977 has decreased as compared to 1972. In case of buffaloes reverse is the position for non-tribal area. The percentage of buffaloes population to total livestock population in non-tribal area is near double the percentage in tribal area. In tribal area the percentage of other livestock population to total livestock population is higher (30.10%) than the corresponding figure (22.03%) of non-tribal area.

4.25.1 The details of cows and she buffaloes in milk, dry and not-calved are given in the following table.

Table-40

No. of cows and she buffaloes used for milk and breeding purpose							
		1972			1977		
Sr. No.	Item	Tribal area	Non-Tribal Area	District	Tribal area	Non-Tribal Area	District
1.	2.	3.	4.	5.	6.	7.	8.
	<u>Cows</u>						
1.	In milk	46016 (32.25)	16137 (28.93)	62203 (31.32)	46272 (33.33)	18372 (34.37)	64644 (33.62)
2.	Dry	32438 (57.79)	33919 (60.61)	116357 (58.58)	77143 (55.57)	29568 (55.32)	106711 (55.50)
3.	Not calved	14206 (9.96)	5356 (10.40)	20062 (10.10)	15407 (11.10)	5511 (10.31)	10918 (10.88)
		142660 (100)	55962 (100)	198622 (100)	138822 (100)	53451 (100)	192273 (100)

1.	2.	3.	4.	5.	6.	7.	8.
<u>She buffaloes</u>							
1.	In Milk	37846 (40.27)	32841 (44.98)	70687 (42.33)	37585 (40.09)	36852 (46.63)	74437 (43.08)
2.	Dry	45742 (48.67)	33909 (46.45)	79651 (47.70)	44992 (47.93)	33360 (42.21)	78352 (45.34)
	Not calved	10395 (11.06)	6258 (8.57)	16653 (9.97)	11187 (11.93)	8819 (11.16)	20006 (11.58)
		93983 (100)	73008 (100)	166991 (100)	93764 (100)	79031 (100)	172795 (100)

No. of animals per 1000 of human Population

1.	<u>Cows</u>						
(a)	In milk	42.0	21.5	33.6	42.3	24.4	35.6
(b)	Total	130.3	74.3	107.4	126.8	70.9	104.0
2.	<u>She buffaloes</u>						
(a)	In milk	34.6	96.9	38.2	34.3	48.9	40.3
(b)	Total	85.8	3.6	90.3	35.6	104.9	193.5

4.26 It is observed that as per 1977 census there were nearly 127 cows used for milk per 1000 human population in the tribal area against 71 cows used for milk per 1000 human population in the non-tribal area the population of cows in milk to total cows is also higher in tribal area as compared to that in non-tribal area. The number of cows in milk per 1000 of human population (42.3) is much higher in the tribal area compared to the corresponding figure (24.4) for the non-tribal area. The position in respect of she buffaloes is reverse. The total-

- number



of she buffaloes per 1000 of human population in the tribal area and in the non-tribal area are 34.3 and 48.9 respectively. The number of she buffaloes in milk per 1000 persons is only 85.6 in tribal area as against the corresponding figure of 104.9 in non-tribal area.

4.27 Within the tribal area, the percentage of cows in milk to total cows used for milk is the lowest (26.0%) in mora pocket and the percentage of she buffaloes in milk to total she buffaloes used for milk is the lowest (28.4) in Jhalod taluka. As regards the no. of cows and she buffaloes in milk per thousand human population, it is observed that mora pocket has the lowest no. of cows in milk (32.3) and Jhalod has the lowest she buffaloes in milk (22.8) per thousand human population. In non-tribal area, the no. of cows in milk per 1000 of human population is the lowest in Halol (excluding tribal pocket) (10.7) followed by Kalol (16.1) & Jambughoda (17.6). Details are given in appended statement No. 32 & 33.

4.28 The following table gives details regarding bullocks used for work per thousand hectares of gross cultivated area.

Table-41

No. of bullocks according to their uses

Sr. No.	Item	1972			1977		
		Tribal area	Non-Tribal area	District	Tribal area	Non Tribal area	District
1.	2.	3.	4.	5.	6.	7.	8.
1.	<u>No. of bullocks used</u>						
(a)	For breeding only	102	43	145	50	65	115
(b)	For breeding and work	2849	190	3039	190	11	201

1.	2.	3.	4.	5.	6.	7.	8.
	(c) For work only	284010	163979	447989	296482	138656	435138
	(d) Not in use for breeding or work	1329	459	1783	264	414	678
	Total	285290	164671	452961	296986	139146	436132
2.	No. of bullocks used for work only per 1000 hectares of cultivated area.	870.0	706.4	802.0	898.7	659.9	805.8

4.29 The above table reveals that no. of bullocks used for breeding and work has decreased in tribal and non-tribal areas during 1972-1977.

The availability of bullocks for work only per 1000 hectares of cultivated area is as high as 899 in the tribal area as against 660 in the non-tribal area as per 1977 Livestock Census.

4.30 It is interesting to point out that no. of bullocks used for work in tribal area was 2.96 lakhs against only 1.39 lakhs in non-tribal area. Similarly no. of bullocks used for breeding and work was 190 in tribal area against only 11 in non-tribal area. In tribal area the highest no. of bullocks used for work was in Santrapur (73050) followed by Devghad Baria (60939), Limkheda (53106) & Dohad (50704). In non-tribal area it was the highest in Lunawada (41653) followed by Godhara (excluding tribal pocket) (36616) and Shehera (28005). Talukawise details are given in appended statements No. 34 & 35.

4.31 Milk Supply Societies

4.31.1 Though the tribal area accounts for sizeable livestock population of the district, the development of milk societies in tribal area is comparatively poor. This can be seen from the following table.

Table-42

Particular's of milk co-operative Societies

Sr. No.	Item	Year	Tribal Area	Non-Tribal area	District
1.	2.	3.	4.	5.	6.
1.	No. of societies	1973-74	4	72	76
		1978-79	38	151	189
2.	Members	1973-74	205	6156	6361
		1978-79	480	1785	2265
3.	Members per society	1973-74	51	86	84
		1978-79	13	12	12

4.32 There is substantial increase in the no. of milk co-operative societies in both types of areas. In tribal area the no. of milk co-operative societies has increased from 4 in 1973-74 to 38 in 1978-79. In non-tribal area it has increased from 72 to 151 during the same period.

4.33 Talukawise data reveals that only in Santarampur & Devghad Baria talukas there were 15 to 23 milk co-operative societies in tribal area while in rest of the talukas of tribal area there was no such societies in 1978-79. In non-tribal area there were milk co-operative societies in all talukas except Jambughoda. Details are given in appended statements No. 36 & 37.

4.34 Poultry

4.34.1 The poultry population in the tribal area of the district is sizeable which can be seen from the following table.

Table-43

Poultry population

Sr. No.	Item	Year	Tribal area	Non Tribal area	District
1.	2.	3.	4.	5.	6.
	<u>Fowls, hens and chickens</u>				
1.	(a) Deshi	1972	377062	85838	462900
		1977	546039	132779	878818
	(b) Improved	1972	4373	1799	6177
		1977	12866	5437	18003
	(c) Total	1972	381440	87637	469077
		1977	558905	138216	697121
2.	Other Poultry	1972	274	598	872
		1977	2718	936	3654
3.	Total	1972	381714	88235	469949
		1977	561633	139152	700785
4.	No. of poultry per 1000 of human population	1972	348.6	117.1	254.2
		1977	512.8	184.6	379.0

4.35 The above table reveals that during 1972 to 1977 there is substantial increase in Deshi<sup>as</sup> well as improved variety of poultry both in tribal and non-tribal areas.

4.36 It can be seen from the above table that poultry population is more in the tribal area compared to that in non-tribal area. The no. of poultry birds per one thousand of human population in the tribal area is as high as 513 as against the corresponding figure

of 185 for non-tribal area. It can be seen that Kalol, Halol (excluding tribal pocket) & Lunavada talukas of non-tribal area have lowest no. of poultry birds per 1000 of human population. Talukawise details are given in appended statements No. 38 & 39.

4.37 Veterinary Institutions:

4.37.1 There is not a single veterinary hospital in Panchmahals district.

There are 13 veterinary dispensaries in the district. 7 of these dispensaries are located in tribal area. During the interval of 5 years, there is addition of only three first aid veterinary institutions in the district. Two were added in tribal area and one in non-tribal area. The following table gives the data regarding veterinary institutions and veterinary personnel.

Table-44

Veterinary Institutions and Veterinary personal.

	Tribal		Non-Tribal		District	
	1973-74	1978-79	1973-74	1978-79	1973-74	1978-79
	1.	2.	3.	4.	5.	6.
<u>Veterinary Institutions</u>						
1. Hospital	-	-	-	-	-	-
2. Dispensary	7	7	6	6	13	13
3. First aid veterinary centres	32	34	14	15	46	49
4. Artificial/Insemination centres	-	-	1	2	1	2
5. Artificial Insemination sub-centres	-	-	2	4	2	4
<u>Veterinary personal</u>						
1. Veterinary officers	5	5	6	6	11	11
2. Stockmen	32	28	14	16	46	44

4.38 It can be seen that tribal area of the district have a larger number of first aid veterinary centres i.e. 14 and no. of stockmen i.e. 28 compared to the corresponding figures 15 and 16 respectively of non-tribal area. It may be due to the fact that special attention might have been given for tribal area under Tribal Area Sub-Plan.

CHAPTER-5

Industries and Power

5.1 Industrial development of a region can be appropriately judged from the extent of industrialisation in organised sector which can broadly be measured by the number of registered factories and the average daily employment therein. In this context Panchmahals is one of the backward districts of the State. There were only 139 factories employing 6861 persons in the district at the end of 1977. The following table gives an idea about the position of tribal area and non-tribal area of Panchmahals district in respect of industrial development since 1965.

TABLE-4.4

No. of factories and average no. of daily workers employed in working factories.

Year	Tribal area		Non-Tribal area		District	
	Facto- ries	Workers	Facto- ries	Workers	Facto- ries	Workers
1.	2.	3.	4.	5.	6.	7.
1965	22	3296	52	2536	74	5332
1970	23	3275	60	2343	83	5618
1973	25	4014	77	2761	102	6775
1977	33	3415	106	3446	139	6861

5.2 At the end of 1977 there were only 33 factories with average daily employment of 3415 workers in the tribal area. Percentages of factories and workers in tribal area with district totals were 23.7 percent and 49.8 percent respectively, whereas 106 factories

(76.2 percent) and 3446 workers (50.2 percent) were in non-tribal area.

Thus tribal area is lagging much behind in industrial development. During the period of 7 years i.e. 1970 to 1977, 11 more factory in tribal area and 54 more factories in non-tribal area had been established making the total no. of factories 33 and 106 respectively in tribal and non-tribal areas of the district.

5.3. The talukawise data indicates that by the end of 1977, Jhalod, Kathola pocket and More pocket in the tribal area did not have a single registered factory, while Linkheda, Devghad Baria & Santrampur had only 1, 3 & 4 factories with average daily employment of only 179, 84 & 132 workers respectively. Talukawise details are given in appended statement No. 41.

#### 5.4 Industrial Co-operative Societies

5.4.1 The following table gives the number of Industrial Co-operative societies and their membership.

TABLE NO. 45

Particulars of Industrial Co-operative Societies

Sr. No.	Item	Year	Unit	Tribal area	Non-Tribal area	District
1.	2.	3.	4.	5.	6.	7.
1.	Societies	1973-74	No.	20	25	45
		1978-79	No.	34	24	58
2.	Members	1973-74	No.	1094	2087	3181
		1978-79	No.	2323	1343	4166

5.5. As far as the development in the field of Industrial

Co-operative Societies is concerned, it can be said that Tribal

area has made substantial progress in the establishment of Industrial

Co-operatives. There were 34 Industrial Co-operative Societies in



tribal area with 2823 members at the end of 1978-79, whereas in non-tribal area, there were only 24 industrial co-operative societies with 1343 members in 1978-79. No. of societies and members in tribal area have increased from 28 to 34 and 1094 to 2823 respectively during 1973-74 to 1978-79. While during the same interval the no. of societies and members have decreased from 25 to 24 and 2087 to 1343 respectively in non-tribal area.

5.6 Electricity

5.6.1 The economic development of a region is very much dependent on the availability of electricity. When economy is largely based on agriculture, the use of electricity for irrigation purposes is very important factor. The following table gives the percentage of villages electrified to total villages and the population covered by them in tribal and non-tribal area of the district.

Table No. 46

No. of villages electrified and population covered.

Item	Year	Tribal area	Non-Tribal area	District
1.	2.	3.	4.	5.
<b>A. Villages</b>				
1) Number of villages electrified	1973-74	70	125	195
	1978-79	151	234	385
2) Total No. of villages	1973-74	1158	745	1903
	1978-79	1158	745	1903
3) Percentage to total villages (i.e. percentage of 1 to 2)	1973-74	6.0	16.8	10.2
	1978-79	13.0	31.4	20.2

1.	2.	3.	4.	5.
<b>B. <u>Population</u></b>				
1) Population of the villages electrified.	1973-74 1978-79	141517 243039	225941 316045	367458 559084
2) Total population (as per 1971 census)	1973-74 1978-79	1004137 1004137	637497 637497	1641634 1641634
3) Percentage to total Population (i.e. percentage of 1 to 2)	1973-74 1978-79	14.1 24.2	35.0 49.6	22.4 34.1

5.7 It can be observed from the above table that at the end of 1978-79, only 13.0% of villages were electrified in tribal area as against 31.4% in the non-tribal area. The proportion of total population covered by villages electrified was 24.2% in the tribal area compared to 49.6% in the non-tribal area of the district in 1978-79. During the interval of 5 years, 81 more villages were electrified in tribal area and 109 more villages were electrified in non-tribal area. The villages of Limkheda (6.6%) & Dohad (11.3%) talukas of tribal area and Lunawada taluka (16.8%) of non-tribal area had poor facility of electricity.

Talukawise information is given in appended statements No. 43 & 44.

5.8 Banking

5.8.1 There were 50 scheduled bank branch offices and co-operative bank offices together in the tribal area as against 66 in non-tribal area in 1978-79. The following table gives the number of scheduled bank and co-operative bank offices and number of places covered by them.

TABLE NO.47

No. of scheduled and co-operative bank offices

Item	Year	Tribal		Non-Tribal		District	
		Sch. Bank	Coop. Bank	Sch. Bank	Coop. Bank	Sch. Bank	Coop. Bank
1.	2.	3.	4.	5.	6.	7.	8.
1. No. of places with Bank	1973-74 1978-79	3 16	11 14	13 23	13 17	21 39	24 31
2. No. of Bank Offices	1973-74 1978-79	15 24	19 26	22 37	21 29	37 61	40 55

5.9 As far as banking facilities are concerned, tribal area is lagging far behind the non-tribal area in the district. Considering the population covered by banks in the tribal and non tribal area, the per bank branch population in tribal area comes to 42120 against 25989 in non-tribal area. During the interval of five years, 9 scheduled bank offices and 7 co-operative banks were added in tribal area, as against 15 scheduled bank offices and 8 co-operative banks in non-tribal area. Limkheda taluka had the poorest facility of co-operative & scheduled banks. It had only 3 scheduled banks & 3 co-operative banks. Talukawise information is given in appended statement No. 45 and 46.

5.10 Co-operation

5.10.1 Co-operation plays a very important role in the economic development of backward area. About 37 percent of the total number of primary co-operative societies are in tribal area at the end of 1978-79. The following table gives the number of primary co-operative societies, their membership and no. of members per 100 of population in the tribal as well as non-tribal area.

TABLE No. 48

Total no. of primary co-operative societies and members

Item	Year	Tribal area	Non-Tribal area	District
1.	2.	3.	4.	5.
Number	1973-74	N.A.	N.A.	N.A.
	1978-79	354	606	960
Members	1973-74	N.A.	N.A.	N.A.
	1978-79	130959	59836	190795
No. of members per 100 of population	1973-74	N.A.	N.A.	N.A.
	1978-79	12	8	10

5.11 It is observed that about 12 out of 100 persons were reported to be the members of primary co-operative societies in tribal area as against 8 in non-tribal area at the end of 1978-79. Talukawise data indicates that development in this regard is extremely poor in Kathola rocket. It had only 499 members. Talukawise information is given in appended statement No. 47.

5.12 Co-operative development is closely related to development in agriculture because one of the important aims of co-operative movement is to meet the credit needs of agriculture population. It would therefore be appropriate to examine the extent of membership in primary agriculture credit co-operative societies in relation to the population engaged in agriculture. The following table gives the number of primary agriculture credit co-operative societies, their membership and no. of members per 100 agricultural workers.

Table No. 49

Total no. of primary agricultural credit societies and members

Item	Year	Tribal area	Non-Tribal area	District
1.	2.	3.	4.	5.
Primary agriculture credit societies				
(a) Number	1973-74	509	381	890
	1978-79	138	384	522
(b) Members	1973-74	68975	38662	107637
	1978-79	101141	51919	143066
(c) No. of members per 100 agricultural workers.	1973-74	18	18	18
	1978-79	27	24	24

5.13 There were 138 primary agriculture credit societies in tribal area as against 384 such societies in non-tribal area during 1978-79. It is observed that for every 100 agricultural workers in tribal area, there were 27 members of primary agriculture credit society, whereas the corresponding figure in the non-tribal area was 24.

5.14 Considering the talukawise data, it is noticed that Kathola pocket was extremely poor in this field. There were only 6 members of primary agriculture credit societies for every 100 agriculture workers in this pocket. Dohad taluka was having the best facility (43 members per 100 agriculture workers). The details are given in appended statement No. 47.

CHAPTER 6

Transport and Communications

6.1 Transport and Communication are the basic infrastructure facilities and are of vital importance for the progress of accelerated development of the tribal area. Transport and Communication facilities in such area not only provide link with the adjoining developed non-tribal areas, but also break the isolation of people residing in such areas. They act as leading factors in stimulating the socio-economic development in the area.

6.2 The main aspects of the transport system reviewed here relate to facilities of roads, road transport and railways. Postal and telegraph facilities included in the communication sector have also been discussed.

6.3 Roads

6.3.1 The details regarding length of metalled and non-metalled roads in the tribal and non-tribal areas are given in the following table.

Table No. 50

Road length per 100 sq. kms. of area and 1,00,000 of population

Item	Year	Tribal area	Non-Tribal area	District
1.	2.	3.	4.	5.
<u>I Road length in kms.</u>				
a) Metalled	1973-74	713	486	1199
	1978-79	969	653	1622
b) Non-Metalled	1973-74	1440	280	1720
	1978-79	1908	846	2754
(c) Total	1973-74	2153	766	2919
	1978-79	2919	1457	4376

1.	2.	3.	4.	5.
II Road length in kms. per 100 sq. kms of area				
(a) Metalled	1973-74	12.8	14.9	13.5
	1978-79	17.3	20.0	18.3
(b) Non-metalled	1973-74	25.8	8.6	19.4
	1978-79	34.1	19.8	31.1
(c) Total	1973-74	38.5	23.5	32.9
	1978-79	52.2	44.7	49.4
III Road length in sq. kms. per 100,000 of population				
(a) Metalled	1973-74	65	64	65
	1978-79	88	87	88
(b) Non-Metalled	1973-74	131	37	93
	1978-79	174	86	149
(c) Total	1973-74	197	102	158
	1978-79	267	193	237

6.4 It can be seen from the above table that average length of roads (metalled and non-metalled) per 100 sq. kms. of area comes to 52.2 kms.

in tribal area against 44.7 kms. in non-tribal area at the end of 1978-79.

The average length of metalled roads per 100/sq. kms. in tribal and non-tribal area are 17.3 kms. and 20.0 kms. respectively. The length of metalled road in tribal area has

increased from 713 kms. in 1973-74 to 969 kms. in 1978-79. It has increased from 486 kms. in 1973-74 to 653 kms. in 1978-79 in non-tribal area.

Considering the availability of road length, both metalled and non-

metalled roads per one lakh of population, the position of tribal area

was better (267 kms.) as compared to non-tribal area (193 kms) in 1978-79.

Within the tribal area Devghad Baria taluka & Kathola pocket were the

most backward in road facilities. The average length of metalled and

non-metalled roads per 100 sq. kms. in these two areas were 32.8 kms and 43.2 kms. respectively. The average length of non-metalled roads was also poor in these two areas being 17.7 kms. and 7.7 kms respectively. Talukawise details are given in the appended statements No. 48 and 49.

6.5 The following table gives an idea about availability of bus facilities during 1973-74 and 1978-79 in the district.

Table No. 52

Bus facilities

Sr.No.		1973-74	1978-79
1.	Total No. of villages	1912	1912
2.	Total No. of villages directly served with bus facilities through out the year.	411	727
	During fair season only	416	385
	Total	827	1112
3.	No. of villages availing of S.T. Services from the nearest bus stop		
	Upto 0.5 kms.	11	16
	0.5 to 1 km.	99	117
	1 to 2 kms.	302	257
	2 to 3 kms.	241	191
	Total upto 3 kms.	653	581
	3 to 5 kms.	235	155
	5 and above kms.	197	64
	Total beyond 3 kms.	432	219
	Grand Total	1085	800



6.6. The above table reveals that during the year 1973-74, out of 1912 villages, 411 villages (21.5%) were directly connected with bus services through out the year, whereas 716 villages (37.5%) were connected with bus services in fair season only. Thus in all 827 villages (43.2%) were served by the bus services, while in the year 1978-79 total 727 villages (38.0%) were directly connected with bus services through out the year and 385 villages (20.1%) were connected with bus services in fair season only, making the total 1112 (58.1%) villages served by the bus facilities. Thus within a period of five years, bus facilities were extended to more 285 villages.

6.7. Railways

6.7.1 Necessary details regarding railway facilities in the district is given in the following table.

Table-52

Item	Railway Station					
	Tribal area		Non-Tribal area		District	
	No.	%	No.	%	No.	%
1.	2.	3.	4.	5.	6.	7.
Villages with Railway station						
1973-74	13	1.1	21	3.0	34	1.8
1978-79	14	1.2	23	3.1	37	1.9

6.7.2 It is revealed that in tribal area, 14(1.2%) villages are connected with railway station against 23 villages (3.1%) in non-tribal area in 1973-79. All the villages of Santrampur, Jhalod, Kabhola pocket and Mora pocket of tribal area and Jhabughoda taluka of non-tribal area have no railway facilities. Talukawise details are given in appended statements No. 50 and 51.

6.8 Post and Telegraph offices

6.8.1 The following table gives information about the post and telegraph offices in the tribal area and non-tribal area.

Table No. 53

Post and Telegraph Offices

Type of area	Year	Post Office		Post-cum-Tele-graphic office		Total	
		No.	Per '00 sq. kms.	No.	Per '00 sq. kms.	No.	Per '00 sq. kms.
1.	2.	3.	4.	5.	6.	7.	8.
Tribal area	1973-74	193	3.5	11	0.2	204	3.6
Non-Tribal area	1973-74	157	4.8	21	0.6	178	5.5
District		350	3.9	32	0.4	382	4.3
Tribal area	1978-79	234	4.2	13	0.2	247	4.4
Non-Tribal area	1978-79	165	5.1	21	0.6	186	5.7
District		399	4.5	34	0.4	433	4.9

6.9 At the end of the year 1978-79 the no. of post offices per 100 sq. kms. was 4.2 in the tribal area as against 5.1 in non-tribal area.

The no. of post-cum-telegraph offices per 100 sq. kms. in tribal area was only 0.2 as against 0.6 in non tribal area. Limkheda and Dohad are the backward talukas in respect of this facility. No. of Post offices per 100 sq. kms. in these two talukas were 2.6 and 4.1 respectively in 1978-79. There was no post-cum-telegraph office in Kathola pocket and Mora pocket while there was only one post-cum-telegraph office in Limkheda taluka. Talukewise details are given in appended statement No. 52 & 53.

6.10 Villages without post office.

6.10.1 The following table gives an idea about the number of villages having post offices and no. of villages without post offices in the tribal and non-tribal areas.

Table No.54

<u>Villages with or without post offices</u>						
Type of area	Year	No. of inhabited villages (1971)			Percentage	
		With post offices	Without post offices	Total	With post offices	Without post offices
1.	2.	3.	4.	5.	6.	7.
Tribal	1973-74	193	965	1158	16.7	83.3
	1978-79	234	924	1158	20.2	79.8
Non-Tribal	1973-74	157	583	745	21.1	78.9
	1978-79	165	580	745	22.1	77.9
District	1973-74	350	1553	1903	18.4	81.6
	1978-79	399	1504	1903	21.0	79.0

6.11 It is seen that in tribal area only 20.2% of villages (234 villages) had post office, as against corresponding figures of 22.1% of villages (165 villages) in non-tribal area in 1978-79. Out of 1504 villages without post office during 1978-79, 924 villages were situated in the tribal area. Thus 79.8%(924) of villages were without post office in tribal area as against 77.9% (580 villages) in non-tribal area at the end of 1978-79. Percentage of villages without post offices to total no. of villages was the highest in Limkheda taluka in tribal area(83.5%) followed by Santarampur taluka (83.1%) in 1978-79. In non-tribal area the highest percentage was in Lunawada taluka(89.3%) followed by Jambughoda taluka (87.3%) and Halol (excluding pocket) (75.6%). Talukawise details are given in appended statements No. 52 & 53.

CHAPTER-7  
Social Service

7.1 Among the social services, educational facilities, medical and health services have been covered. Development of human resources required proper and adequate educational facilities. Moreover medical and health services are also equally important, for assuring better living conditions

7.2 Primary Education

In the tribal area 88.4% of the villages were provided with the facilities of primary school within the village, whereas in the non-tribal area 87.8% of villages had such facility in 1978-79. This means that about 11.6% of villages of the tribal area were not having the facilities of primary education in the village till the end of 1978-79. Compared to 12.2% of villages in the non-tribal area. The following table gives the percentage of villages having primary school in the village in respect of each taluka of the district.

Table-55

Percentage of villages with primary schools						
Sr. No.	Taluka	No. of villages in 1971 census	1973-74		1978-79	
			No. of villages with primary school	Percentage	No. of villages with primary school	Percentage
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1.	Santrampur	390	256	65.6	306	78.5
2.	Jhalod	151	118	78.1	150	99.3
3.	Dchal	119	109	91.6	116	97.5
4.	Limkheda	243	190	78.2	204	84.0
5.	Dev- Saris	184	165	89.7	180	97.8
6.	Kathola Pocket (Halol)	40	35	87.5	40	100.0
7.	Mora pocket (Godhra)	31	30	96.8	28	90.3
	Total Tribal Area	1158	903	78.0	1024	88.4

1.	2.	3.	4.	5.	6.	7.
<u>Non-Tribal Area</u>						
8.	Godhra(Excl.TP)	131	122	93.1	131	100.0
9.	Kalol	67	67	100.0	67	100.0
10.	Halol(Excl.T.P)	82	64	78.0	63	76.3
11.	Shehera	32	73	89.0	82	100.0
12.	Lunavala	328	244	74.4	256	78.0
13.	Jambughoda	55	31	56.4	55	100.0
	Total Non-Tribal Area	745	601	80.7	654	87.8
	District Total	1903	1504	79.0	1678	88.2

7.3 It is further revealed that in Panchmahals district Kathola pocket of Halol taluka in tribal area was having the facility of primary school in all the villages, followed by Jhalod(99.3%), Devgadhi Baria (97.8%), Dohad(97.5%) Limkheda (84%) and Santramapur(78.5%) whereas in non-tribal area Godhara(excluding tribal pocket), Kalol, Shahara and Jambughoda taluka were having the facility of primary school in all the villages followed by Lunawada (78%) and Halol(76.8%) excluding tribal pocket. Details are given in appended statements No. 54 & 55.

Table-5.6  
No. of primary schools, students & Teachers

Sr. No.	Item	Year	Tribal Area	Non-Tribal Area	Total
1.	2.	3.	4.	5.	6.
1.	No. of Primary schools	1973-74	1104	825	1928
		1978-79	1233	850	2083
2.	No. of students	1973-74	92557	97526	190083
		1978-79	132080	104549	236629
3.	No. of teachers	1973-74	2555	3163	5718
		1978-79	3445	3004	6449
4.	No. of students per teacher	1973-74	36.2	30.8	33.2
		1978-79	38.3	34.8	36.7

7.4 It is observed that there is addition of about 40 thousand students from 1973-74 to 1978-79 in Tribal area where as in non-tribal area the addition was only about seven thousands students during the same period. Regarding no. of teachers, the progress in tribal area was also better during 1973-74 to 1978-79. No. of teachers in tribal area has increased from 2555 in 1973-74 to 3445 in 1978-79. No. of students per teacher has gone up from 36.2 to 38.3 during 1973-74 to 1978-79 in tribal area.

Secondary Education

7.5 The tribal as well as non-tribal areas of the district have very poor facility in respect of secondary education. At the end of 1978-79, 4.9% of villages of tribal area were having secondary schools compared to 6.7% of villages having secondary schools in the non-tribal area. This can be seen from the following table.

Table-57

Percentage of villages having secondary schools

Sr. No.	Taluka	1973-74		1978-79			
		No. of villages/towns having Secondary schools	Total No. of villages/Towns	% of villages/Towns having secondary schools	No. of villages/towns having secondary schools	Total No. of villages/Towns	% of villages & towns having secondary schools
1.	2.	3.	4.	5.	6.	7.	8.
	<u>Tribal Area</u>						
(1)	Santrampur	18	391	4.1	26	391	6.2
(2)	Jhalod	10	151	7.3	17	351	10.6
(3)	Dohad	17	121	6.7	20	121	9.2
(4)	Limkheda	5	243	3.3	13	243	5.3
(5)	Dev-Baria	9	185	6.0	16	185	8.2
(6)	Kathola pocket (Halol)	1	40	2.5	1	40	2.5
(7)	Mora pocket (Godhra)	2	31	6.5	2	31	6.5
	Total Tribal Area	62	1162	4.9	95	1162	7.1

	1.	2.	3.	4.	5.	6.	7.	8.
<b>Non-Tribal Area</b>								
(8) Godhra (excl. T.P.)	25	132	12.2	26	132	12.2		
(9) Kalol	12	68	14.9	15	68	20.9		
(10) Halol (excl. T.P.)	6	84	2.4	7	84	7.3		
(11) Shehera	9	82	3.7	13	82	15.9		
(12) Lunavada	29	329	5.5	35	329	9.8		
(13) Jambughoda	1	55	1.8	2	55	3.6		
Total Non-tribal area	82	750	6.7	98	750	11.1		
District total	144	1912	5.6	193	1912	8.7		

7.6 During the years 1973-74 to 1978-79, 33 more village in tribal area were provided secondary school facility. In tribal, the proportion of villages having secondary schools was much lower than the corresponding proportion in non-tribal area. Kathola pocket, Limkheda Taluka and Santrampur taluka of tribal area had the lowest proportion of villages having secondary school (2.5%, 5.3% and 6.2% respectively) at the end of 1978-79. The following table gives the information regarding number of secondary schools, teachers and students during the years 1973-74 and 1978-79. Talukawise more details are given in appended statements No. 56 & 57.

Table-53  
Number of secondary schools, students and teachers

No.	Item	Year	Tribal Area	Non-Tribal Area	District
1.	2.	3.	4.	5.	6.
1.	No. of secondary schools	1973-74	62	82	144
		1978-79	95	98	193
2.	No. of students	1973-74	17893	21061	38954
		1978-79	21664	23954	45618



1.	2.	3.	4.	5.	6.
3.	No. of teachers	1973-74 1978-79	700 920	874 989	1574 1909
4.	No. of students per teacher	1973-74 1978-79	25.6 23.5	24.1 24.2	24.7 23.9
5..	No. of schools per 100,000 of population	1973-74 1978-79	6 9	11 13	8 10

7.7 It is seen that there were 95 secondary schools in tribal area at the end of 1978-79 as against 98 in the non-tribal area. Regarding no. of schools per 1 lakh population tribal area was lagging behind the non-tribal area.

7.8 According to the talukawise position in tribal area, Santrampur taluka was having the highest no. of secondary schools (26) followed by Dohad taluka(20) and Jhalod taluka(17). The lowest no. of secondary schools were in Kathola pocket(1) & Mora pocket(2) whereas in non-tribal area the highest no. of secondary schools were in Lunavada taluka (35) followed by Godhra(excluding pocket)(26). The lowest no. of secondary schools were in Jambughoda(2) & Halol(excluding pocket)(7). Talukawise details are given in appended statements No. 56 & 57. Necessary details regarding the no. of Ashram Schools, teachers, and students are given in the following table.

Table-59

No. of Ashram schools Teachers & Students

Sr. No.	Item	Year	Tribal Area	Non-Tribal Area	Total
1.	2.	3.	4.	5.	6.
1.	Schools	1973-74	15	4	19
		1978-79	24	4	28
2.	Teachers	1973-74	64	13	77
		1978-79	92	15	107
3.	Students	1973-74	1840	370	2210
		1978-79	2777	724	3501

7.9 It is observed that about 86 percent of Ashram Schools in the district were located in the tribal area. In fact ashram schools were specially started for the students of the tribal communities. During the period from 1973-74 to 1978-79 nine more ashram schools have been added in tribal area, while no more ashram school has been added in non-tribal area. From talukawise details given in appended statements No. 58 & 59, it is seen that in tribal area maximum no. of ashram schools were in linkheda taluka (8) followed by Santrampur Jhalod & Dohad talukas (4 each)

Medical & Health Services

7.10 Out of 6 hospitals, 18 dispensaries and 23 P.H.Cs., 4 Hospitals, 9 dispensaries and 17 P.H.Cs., are located in the tribal area. During 1973-74 to 1978-79 one hospital & 6 dispensaries were added in the district as can be seen from the following table.

Table-60  
No. of hospitals, dispensaries and beds

Sr. No.	Item	Year	Tribal area	Non-Tribal Area	Total
1.	2.	3.	4.	5.	6.
1.	Hospitals	1973-74	3	2	5
		1978-79	4	2	6
2.	Dispensaries	1973-74	5	7	12
		1978-79	9	9	18
3.	Primary Health centres	1973-74	16	7	23
		1978-79	17	6	23
4.	<u>Bed</u>				
	1) Number	1973-74	182	84	266
		1978-79	259	415	674
	2) Per 10000 of population	1973-74	1.7	1.1	1.4
		1978-79	2.4	5.5	3.6

7.11 It is observed that the number of beds were more in non-tribal area than in tribal area in 1978-79. Similarly the no. of beds per 10,000 of population were more (5.5) in non-tribal area than in tribal area(2.4) during 1978-79.

7.12 From talukawise details given in appended statement No. 60 & 61 it is seen that santrampur, Jhalod, Dohad, & Devghad Baria talukas in tribal area and Godhra(excluding tribal pocket) & Lunavada taluka in non-tribal area are provided with the facility of Hospital. As far as the no. of dispensaries is concerned, Limkheda taluka was having the highest no. of dispensaries(3) followed by Jhalod & Dohad (2 each) in tribal area, while in non-tribal area Godhra (excluding pocket) Kalol, Halol (excluding pocket) & Lunavada each had two dispensaries & Jambughoda had one dispensary in 1978-79.

7.13 The following table gives the proportion of doctors, nurses, midwives per 100 sq. kms. of area and per one lakh population in the tribal and non-tribal area of the district.

Table-6.1

No. of Doctors Nurses and Midwives

Sr. No.	Item	Year	Tribal	Non-Tribal	District
1.	2.	3.	4.	5.	6.
1.	<u>Doctors</u>				
	Number	1973-74	39	33	72
		1978-79	63	61	124
2.	Per 100 sq.kms.	1973-74	0.7	1.0	0.8
		1978-79	1.1	1.9	1.4
3.	Per 100000 population	1973-74	0.4	0.4	0.4
		1978-79	0.6	0.8	0.7
4.	<u>Nurses</u>				
	Number	1973-74	31	53	84
		1978-79	194	157	351
5.	Per 100 sq.kms.	1973-74	0.6	1.6	0.9
		1978-79	3.5	4.8	4.0
6.	Per 100000 population	1973-74	0.3	0.7	0.5
		1978-79	1.8	2.1	1.9
7.	<u>Midwives</u>				
	Number	1973-74	118	40	158
		1978-79	191	110	301
8.	Per 100 sq.kms.	1973-74	2.1	1.2	1.8
		1978-79	3.4	3.4	3.4
9.	Per 100000 Population	1973-74	1.1	0.5	0.9
		1978-79	1.7	1.5	1.6

7.14 The above table reveals that during 1973-74 to 1978-79

there is substantial increase in the no. of doctors as well as nurses and midwives in tribal and non-tribal areas. The no. of doctors and nurses per lakh of population was less in tribal area compared to non-tribal areas of the district during 1978-79. In respect of no. of medical personnel per 100 sq. kms. of area in the tribal and non-tribal areas, the position was as under.

7.15 In the tribal area, there were on an average 1.1 doctors, 3.5 nurses and 3.4 midwives per 100 sq. kms. as compared to 1.9 doctors 4.8 nurses and 3.4 midwives in the non-tribal area during the year 1978-79. Position of non-tribal area was comparatively better than that of tribal area during 1978-79.

7.16 Considering talukawise position (Please see appended statements No. 62 & 63) it is seen that Mora Pocket, Kathola pocket & Dohad had comparatively poor facility in tribal area. While in non-tribal area Halol(excluding tribal area), Shehera taluka & Lunawada taluka had poor facility compared to other talukas in non-tribal area.

CHAPTER-8

Summary and Conclusions

8.1 Coverage

8.1.1 Five talukas viz (1) Santrampur (2) Jhalod (3) Dohad (4) Limkheda (5) Devgadbaria and two tribal pockets viz. Kathola pocket of Halol taluka and Mora pocket of Godhra taluka of Panchmahals district are included in the tribal area sub-plan of Gujarat State. In this study, the indicators have been compiled at taluka level, taking the entire taluka as a unit except Halol and Godhra talukas for collection of data whereas in case of Halol and Godhra talukas, the villages under tribal pocket have been considered as tribal area and separate data for these villages have been collected. The rest of the part has been considered as non-tribal area. A broad summary of the important findings observed during the study is given in the following paragraphs.

8.2 Demographic characteristics.

8.2.1 According to the population census 1981 the tribal area of the district, accounts for 63.1% tribal population and only 2.5% scheduled castes population of the total population in that area.

8.3 In the tribal area, the growth of tribal population was higher (36.6%) than that of general population (27.0%) during the decade 1971-81.

8.4 As per 1981 population census, the percentage of rural population to total population is 92.2% in tribal area, whereas the corresponding figure is 84.1% in the non-tribal area. There are 4 towns in the tribal area as against 5 towns in non-tribal area. Tribal area consists of 1157 inhabited villages as against 738 such villages in non-tribal area.

8.5 As per population census of 1981 the average density of population per sq. km. in tribal area is 249 persons against 238 persons in non-tribal area.

8.6 The literacy rate in tribal area is very low. According to the population census 1981 only 21.7% of the population in the tribal area is literate, whereas the corresponding figure for non-tribal area is 37.7%. The literacy rate among females in the tribal area is very low i.e. 10.6% compared to 21.3% among females in the non-tribal area.

During the decade 1971-81 the literacy rate in the tribal area has increased from 17.3% in 1971 to 21.7% in 1981 and from 30.8% to 37.7% in non-tribal area. Among tribal area, low literacy rate of 7.2% & 16.2% is noticed in Kathola pocket of Halol taluka & Limkheda taluka respectively. The position of females in these talukas is still poor. In these talukas the literacy rates are 2.8% & 5.5% respectively. Literacy has gone up among males and females both during 1971 to 1981.

8.7 The literacy rate among the tribal population in the tribal area is 13.8% according to 1981 census as against 9.2% according to 1971 census. The literacy rate of scheduled tribes population in the non-tribal area is still lower (12.6%).

8.8 According to 1981 census, the proportion of persons reported as main workers in the tribal area is higher (33.3%) than that in the non-tribal area (32.3%). There is significant difference in the females participation rate between the tribal and non-tribal area. About 9.7% females are reported as workers in the non-tribal area,

whereas 13.2% females are reported as workers in tribal area. Among tribal areas, Devghadbaria taluka has the highest female participation rate (30.4%) and Mora pocket of Godhra Taluka has the lowest female participation rate (4.3%).

8.9 In tribal area 37.7% of the total workers are agricultural workers consisting of cultivators and agricultural labourers as against 76.7% of such main workers in non-tribal area according to 1981 population census. The proportion of agricultural labourers is the highest (32.4%) in Kathola pocket of Halol taluka and the lowest (3.9%) in Jhalod taluka. The highest proportion of cultivators is in Limkheda taluka (88.3%) followed by 85.4% in Jhalod taluka and Mora pocket (85.3%)

#### 8.10 Agriculture

8.10.1 According to the agriculture census 1976-77, the average size of operational holdings in the district was 2.5 hectares. The distribution of land holdings by different size groups of operational holdings shows that 55% of total operational holders were marginal farmers i.e. with the holdings upto 2 hectares. The no. of land holders possessing land upto 5 hectares were about 38.4% to total holders holdings 64% of operational land holdings. Tribal area has more number of land holders i.e. 108182 holders holding about 290488 hectares of land as compared to non-tribal area where 97507 land holders were holding 215053 hectares of land.

8.11 Regarding the cropping pattern, the area under food crops to total area sown was 87.1% in the tribal area as against 70.7% in non-tribal area in 1978-79. During 1973-74 to 1978-79 food crops showed an upward trend and non-food crops showed a downward trend in



tribal area. Maize and other food crops and cotton in non-tribal areas are the main crops. Percentage of area covered under maize and other food crops to total cropped area were 36.0% and 26.3% respectively in tribal area where as corresponding figures for Rice, Maize and other food crops in non non-tribal area were 20.7% 13.4% and 18.6% respectively. In tribal area Santrampur, Jhalod & Dohad talukas accounted for 91.1%, 89.3% and 93.0% respectively of food crops to total cropped area. For both the talukas Dohad and Linkheda area under maize to total area under food crops was 42% While area. under foodcrops to total cropped are were 93% & 36.7% respectively. Percentage of area under food crops was <sup>the</sup> highest in Dohad taluka in tribal area. In Shehera taluka of non-tribal area 24.9% of the total cropped area was under maize followed by 21.2% in Lunaweda taluka.

8.12 According to the data of 1978-79, about 5.3% of total area was irrigated in tribal area compared to 9.9% in non-tribal area. Kathola pocket of Halol taluka (0.5%) and mora pocket of Godhra taluka (1.6%) had the poorest irrigation facilities. The main source of irrigation is wells both in tribal and non tribal areas of the district . 51.8% of net irrigated area was irrigated by wells in tribal area as against 46.9% in non-tribal area. The irrigated area under wells has slightly increased in the tribal area and decreased in the non-tribal area during 1973-74 to 1978-79.

8.13 The number of diesel oil engines and electric motors for thousand hectares of net cultivated land was 7.2 and 0.9 respectively in tribal area in 1977 as against 0.4 and nil respectively in 1972. The corresponding figures in non-tribal area were 27.7 & 4.2 respectively in 1977 as against 13.5 and 1.6 in 1972. Tribal area had smaller number of tractors(17) than non-tribal area(42).

8.14 The quantity of improved seeds distributed per hecter in tribal area was 328 kgs in 1978-79 as against 10 kgs in 1973-74. For non-tribal area it was 531 kgs. in 1978-79 as against 8 kgs in 1973-74. The quantity of chemical fertilizers distributed per hecter in tribal area was 220.9 kgs in 1978-79 as against 5.8 kgs per hecter in the year 1973-74 the corresponding figures for non tribal area were 301.6 kgs per hecter 34.2 kgs per hecter in 1973-74. Among the talukas in 1978-79 as against in tribal area, the distribution of improved seeds per hecter of gross cropped area in 1978-79 was the lowest in Kathola & Mora tribal pockets (6.0 & 8.7 kgs respectively) and the highest in Dohad taluka (54.7) kgs. while in non-tribal area it was the lowest in Shehera taluka (220 kgs) and the highest in Halol (except tribal pocket) (846 kgs). As far as as the distribution of chemical fertilizers in concerned it was the highest in Limkheda taluka of tribal area (1435.6 kgs per hecter) and the lowest in Santrampur taluka (2.0 kgs per hecter) in 1978-79.

8.15 The quantity of insecticides in powder form distributed per hecter of gross cropped area was lower in tribal area (0.11 kg) then in non-tribal area (0.18 kg) during 1978-79. Talukawise distribution of insecticides in powder form indicates that it was the highest in Kathola tribal pocket (0.28 kg per hectare) and pesticides in liquid form was the highest in Jambughoda taluka (0.12 litre per hectare) among the talukas of non-tribal area. In non-tribal area very low quantity of insecticides and pestisides per hectare were distributed in Shehera & Lunawada taluka.

8.16 Livestock

8.16.1 As per 1977 livestock census, cattle population in the tribal area accounted for 54.1% of total livestock population, as against 49.7% in non-tribal area. During 1972 to 1977, cattle population had decreased both in tribal and non-tribal areas while other livestock population had increased during the same period. Non-tribal area had more buffaloes (23.0%) and less other livestock population (22.3%) as against 30.1% in tribal area in 1977. There were 126.8 cows per 1000 of human population in tribal area as against 70.9 cows per 1000 of human population in non-tribal area. The proportion of cows in milk was higher in tribal area (42.3) than in non-tribal (24.4) while position of buffaloes per 1000 of human population in the tribal and non-tribal area were 85 & 105 respectively. Among tribal areas, Mora pocket had the lowest number of cows in milk (32.3) and Jhalod had the lowest number of she buffaloes in milk (22.3) per 1000 of human population.

8.17 The proportion of bullocks used only for work per thousand hecter of gross cultivated area was as high as 898.7 in the tribal area, as against 659.9 in non-tribal area in 1977. All the talukas of the tribal area had higher number of bullocks used for work per 1000 hectares when compared to corresponding figures of non-tribal area. Devgadh baria taluka had the highest no. of bullocks used for work (1255) per thousand hectares of gross cultivated area.

8.18 During the interval of 5 years the number of milk societies had increased from 4 in 1973-74 to 33 in 1978-79 in tribal area. However in non-tribal area it had increased from 72 in 1973-74 to 151 in 1978-79. Except Santrampur and Devgadhbaria talukas there was not a single milk co-operative society in the talukas of tribal area in 1973-79.

8.19 The no. of poultry birds per thousand of human population in the tribal area was as high as 513 as against 185 in the non-tribal area in 1977.

8.20 As far as Veterinary institutions are concerned, no significant increase was noticed during the interval of five years either in tribal or in non-tribal area. There were 7 veterinary dispensaries and 34 first aid veterinary centres in tribal area as against 6 such dispensaries and 15 first aid veterinary centres in non-tribal area. Over and above there were 2 artificial insemination centres and 4 sub-centres in non-tribal area.

#### 8.21 Industries

8.21.1 In tribal area there was marginal improvement in industries during 1970 to 1977. There were 33 factories in 1977 as against 23 in 1970 in tribal area, while in non-tribal area, there were 106 factories in 1977 as against 60 in 1970. Jhalod, Kathola pocket of Halol taluka, Mora pocket of Godhra taluka & Shehera taluka did not have a single registered factory, while Limkheda and Jambughoda both taluka had one registered factory each in 1977.

8.22 The tribal area accounted for 58% of total industrial co-operative societies at the end of 1978-79. However as far as the progress in the field of industrial co-operative societies is concerned, there was substantial progress in the establishment of Industrial Cooperative Societies in tribal area. The no. of industrial co-operative societies had increased from 20 in 1973-74 to 34 in 1978-79 in tribal area, whereas in non-tribal area the number had decreased by one i.e. from 25 to 24 during the same period.

3.23 Electricity

3.23.1 At the end of 1978-79, 13.0% of villages (151) were electrified as against 6.0% (70) villages in 1973-74 in tribal area. In non-tribal area 31.4 % (234) villages were electrified at the end of 1978-79, as against 16.8% (125) villages in 1973-74. The proportion of total population covered by villages electrified in 1978-79 was 24.2% as against 14.1% in 1973-74 in tribal area. During the interval of 5 years, 81 more villages were electrified in tribal area as against 109 villages in non-tribal area. In tribal area Kathola pocket of Halol taluka has no facility of electricity in any village where as Limkheda taluka has poor facility (6.6%) where as in non-tribal area Lunawada has poor facility (16.8%) of electricity.

3.24 As far as banking facilities are concerned, tribal area is lagging behind the non-tribal area in the district. There were 24 and 26 co-operative bank offices in 1978-79 as against 15 scheduled bank offices and 19 co-operative bank offices in 1973-74 in tribal area. The corresponding figures for non-tribal area were 37 scheduled bank offices and 29 co-operative bank offices as against 22 and 21 offices respectively in 1973-74.

3.25 Co-operation

3.25.1 As far as the number and members of the Primary Agricultural Credit Societies are concerned, the tribal area is lagging far behind the non-tribal area. There were 138 such societies with 101141 members in tribal area in 1978-79 whereas in the non-tribal area the corresponding figures were 384 societies and 51919 members in the year

1973-79. For every 100 agricultural workers in tribal area, there were 27 members of primary agricultural credit societies as against 24 members in non-tribal area. Within the district, Dohad taluka was having the best facilities (43 members per 100 agricultural workers), whereas Kathola pocket of Halol taluka was extremely poor in this field (6 members per 100 Agricultural workers) .

3.26 The average length of roads (Metalled and non-Metalled) per 100 sq. kms. of area was 52.2 kms in tribal area in 1973-79, as against 38.5 kms. in 1973-74. The corresponding figures for non-tribal area were 44.7 kms. in 1973-79 as against 23.5 in 1973-74. The average length of roads both metalled and non-metalled together per lakh of population was higher (267 kms) in tribal area compared to (193 kms) in non-tribal area.

Devadhariba and Kathola pocket in tribal area had the poorest road facility . Average length of road per 100 sq. kms were 32.8 & 43.2 respectively. In non-tribal area Halol taluka (except tribal pocket) was found to be most backward in road facilities. The average length of road per 100 sq. kms being 20.6 kms.

3.27 In Panchmahals district 58.15% (1112) villages had bus facilities within the village of which 38.02% (727 villages) were directly connected with bus services throughout the year in 1973-79. Against this, 21.49% villages were directly connected with bus services and 21.75% villages were connected with bus services in fair season only making the total 43.24% villages served by the bus facilities during 1973-74. Thus within a period of 5 years, bus facilities were extended to more 14.91% villages.

8.28 There were 37 villages connected with railway stations of which 14 villages were located in tribal area and 23 villages were in non-tribal area in 1978-79.

8.29 At the end of 1978-79, in tribal area only 20.2% (234) villages had a post office as against 16.7% (193) villages in 1973-74. While in non-tribal area 22.1% (165) villages had a post office, as against 21.1% (157) villages in 1973-74. The no. of post offices per hundred sq. kms. of area in 1978-79 was 4.4 in tribal areas as against 5.7 in non-tribal area. During the period from 1973-74 to 1978-79, 41 more post offices in tribal area and 8 in non-tribal area had been opened.

### 8.30 Education services

8.30.1 By the end of 1978-79, about 88.4% of villages in the tribal area were provided with the facility of primary school within the village, as against 78.0% of villages in 1973-74, whereas in non-tribal area, 87.8% villages were having the school facility as against 80.7% such villages in 1973-74. About 39,523 students and 890 teachers have been added during this period in the tribal area.

8.31 The tribal area of the district had very poor facility in respect of secondary schools, as there were only 7.1% (95) villages having secondary schools in tribal area in 1978-79 as against 4.9% (62) villages in 1973-74. In non-tribal area, there were 11.1% (98) villages with the facility of having secondary schools in 1978-79 and 6.7% (82 villages) in 1973-74. Kathola pocket of Halol taluka, Mora pocket of Godhra taluka, Halol & Jambughoda talukas are poor in

this respect having one, two, seven and two villages having secondary schools respectively. In tribal area the highest no. of Secondary schools were in Satranpur taluka(26) and in non-tribal area Lunavada taluka had the highest no. of schools(35).

8.32 Considering the Government and Grant-in-aid medical institutions in the district, it is observed that out of 5 hospitals, 12 dispensaries and 23 primary Health Centres in the district, 3 Hospitals, 5 Dispensaries and 16 Primary Health Centres were located in the tribal area during the year 1973-74 where as in 1978-79 out of 6 hospitals, 13 Dispensaries and 17 Primary Health Centres in the district 4 hospitals, 9 Dispensaries and 17 Primary Health Centres were located in the tribal area. As far as the no. of Dispensaries is concerned, Limkheda taluka was having the highest no. of dispensaries (3) while Santranpur & Devgadbaria taluka each had only one dispensary, Kathola & Mora tribal pocket of Halol & Godhra taluka had not a single dispensary in their tribal area whereas in non-tribal area Godhra, Kalol, Halol & Lunawada taluka each had 2 dispensaries. Jambughoda taluka was having one dispensary and in Shehera taluka there was not a single dispensary. The number of beds for patients in tribal area were 259 in 1978-79 as against 182 in 1973-74. The number of beds in non-tribal area were 415 in 1978-79 as against 84 in 1973-74. The no. of beds per 10,000 population in the tribal area was only 2.4 in 1978-79 as against 1.7 in 1973-74 and in non-tribal area they were 5.5 and 1.1 in 1978-79 and 1973-74 respectively. Thus the district has poor medical facilities.



8.33 At the end of 1978-79 there were 11 doctors per 1000 sq kms. in tribal area as against 7 doctors in 1973-74. There were 19 doctors per 1000 sq. kms. in non-tribal area as against 10 doctors in 1973-74. However no. of doctors per lakh of population was 0.4 each in tribal and non-tribal area in 1973-74 which has increased to 0.6 and 0.3 in tribal and non-tribal area respectively in 1978-79.

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Statement No. 1

Scheduled Tribes Population in different districts  
of Gujarat State.

(Year: 1971)

Sr. No.	District	Total Population.	Scheduled Tribes Population	Percentage to total population of the district.	Percentage share of district in total scheduled tribes population of the State
1	2	3	4	5	6
1.	Jamnagar	1111343	2711	0.2	0.1
2.	Rajkot	1624072	677	N *	0.0
3.	Surendranagar	845454	4812	0.6	0.1
4.	Bhavnagar	1405285	182	N*	0.0
5.	Amreli	848730	321	N *	0.0
6.	Junagadh	1656677	8305	0.5	0.2
7.	Kachchh	849769	40381	4.7	1.1
8.	Banaskantha	1265383	77758	6.1	2.1
9.	Sabarkantha	1187637	178804	15.1	4.8
10.	Mahesana	2092468	9136	0.4	0.2
11.	Gandhinagar	200642	406	0.2	0.0
12.	Ahmedabad	2910307	20998	0.7	0.6
13.	Kheda	2451387	25275	1.0	0.7
14.	Panchmahals	1848804	712713	38.5	19.1
15.	Vadodara	1980065	473117	23.9	12.7
16.	Bharuch	1109601	486901	43.9	13.0
17.	Surat	1786924	827682	46.3	22.2
18.	Valsad	1428742	776215	54.3	20.8
19.	Dangs	94185	88028	93.5	2.3
Total		26697475	3734422	13.99	100.0

\* Negligible.

Source: Census of India, 1971.

statement No.2.

**Scheduled Tribes Population in different districts of Gujarat State: 1981.**

Sr. No.	District	Total Population	Scheduled Tribes Population	Percentage to total population of the district.	Percentage share of district to total tribes
1	2	3	4	5	6
1.	Jamnagar	1393076	4280	0.3	0.1
2.	Rajkot	2093094	3839	0.2	0.1
3.	Surendranagar	1034185	5962	0.6	0.1
4.	Bhavnagar	1879340	2431	0.1	0.0
5.	Amreli	1079097	768	0.1	0.0
6.	Junagadh	2100709	10738	0.5	0.2
7.	Kachchh	1050161	63301	6.0	1.3
8.	Banaskantha	1667914	111936	6.7	2.3
9.	Sabarkantha	1502284	251127	16.7	5.2
10.	Mahesana	2548787	8429	0.3	0.2
11.	Gandhinagar	289088	1672	0.6	0.0
12.	Ahmedabad	3875724	32501	0.8	0.7
13.	Kheda	3015027	44678	1.5	0.9
14.	Panchmahal	2321689	969523	41.8	20.0
15.	Vadodara	2558092	648372	25.3	13.4
16.	Bharuch	1296451	577393	44.5	11.9
17.	Surat	2493211	1038200	41.6	21.4
18.	Valsad	1774136	968518	54.6	20.0
19.	Dangs	113664	104918	92.3	2.2
Total State		34085799	4848586	14.2	100.0

Statement No.3

List of Tribal Areas included in the Tribal Area Sub-Plan of Gujarat State.

(Year: 1971)

Sr.No.	District	Taluka	Percentage of scheduled tribes population.
1	2	3	4
1.	Sabarkantha	1. Vijaynagar	72.6
		2. Khedbrahma	61.2
		3. Bhiloda	49.6
		4. Moghraj	33.3
2.	Panchmahals	5. Jhalod	85.0
		6. Dohad	92.3
		7. Santrampur	60.5
		8. Limkheda	58.8
		9. Devgadhi Baria	28.5
		10. Mora Pocket (Godhra)	53.3
3.	Vadodara	11. Kathola Pocket (Halol)	55.0
		12. Chhota-Udepur	88.8
		13. Naswadi	80.2
		14. Tilakwada	48.6
		15. Dhatpura Pocket (Sankheda)	51.0
		16. Karali Pocket (Jetpuravi) (Jabugam)	52.6
		17. Vodeli Pocket (Sankheda)	65.6
		18. Bhikhapur Pocket (Jabugam)	50.1
4.	Bharuch	19. Dediapada	94.2
		20. Sagbara	90.8
		21. Valia	76.5
		22. Nandod	76.4
		23. Jhagadia	61.4
		24. Ankleshwar Pocket (Ankleshwar)	48.9
5.	Surat	25. Uchhal	96.4
		26. Vyara	96.7
		27. Mahuva	80.4
		28. Mandvi	80.8
		29. Nigar	75.6
		30. Songadh	97.0
		31. Valod	72.9
		32. Mangrol	68.9
		33. Bardoli	57.1
		34. Palsana Pocket (Palsana)	50.2
		35. Kamrej Pocket (Kamrej)	50.0
6.	Valsad	36. Dharampur	96.1
		37. Bansda	93.2
		38. Chikhli	69.5
		39. Pardi	64.5
		40. Umbergaon	56.9
		41. Antgam Pocket (Valsad)	66.5
		42. Ranvel Pocket (Valsad)	
		43. Rahej Pocket (Gandevi)	55.4
		44. Sisodara Pocket (Navsari)	56.5
7.	Dangs	Dangs	93.5

Statement - 4

List of Tribal Areas included in the Tribal Area Sub-Plan of Gujarat State.

District	Taluka	Year 1981	
		Percentage of scheduled Tribes to Total Population.	
1. Sabarkantha	1. Vijaynagar	72.1	
	2. Khedbrahma	58.7	
	3. Bhiloda	51.6	
	4. Meghraj	34.3	
2. Panchmahals	5. Jhalod	85.7	
	6. Dohad	72.8	
	7. Santrampur	66.4	
	8. Limkheda	58.4	
	9. Devgadhi Baria	38.2	
	10. Mora Pocket	56.8	(Godhra)
3. Vadodara	11. Kathola Pocket	54.5	(Halol)
	12. Chhota Udepur	81.9	
	13. Naswadi	81.5	
	14. Tilakwada	47.7	
	15. Bhatpur Pocket	48.1	(Sankheda)
	16. Bhikapur Pocket	66.3	(Jambugam)
	17. Karali Pocket	75.9	(Jambugam)
	18. Vadeli Pocket	63.5	(Sankheda)
4. Bharuch	19. Dediapada	93.3	
	20. Sagbara	94.1	
	21. Valia	76.3	
	22. Nadod	65.4	
	23. Jhagadia	64.2	
	24. Ankleshwar Pocket	47.8	(Ankleshwar)



Statement-4 contd.

1	2	3	4
5. Surat	25. Uchhal		97.4
	26. Vyara		88.3
	27. Mahuva		80.4
	28. Mandvi		77.2
	29. Nizar		74.9
	30. Songadh		81.9
	31. Valod		73.0
	32. Mangrol		66.5
	33. Bardoli		75.3
	34. Palsana Pocket		50.2 (Palsana)
	35. Kamrej Pocket		54.9 (Kamrej)
6. Valsad	36. Dharampur		94.0
	37. Bansda		90.0
	38. Chikhali		69.1
	39. Pardi		56.5
	40. Umbargaon		55.3
	41. Atgam O Pocket)		55.6 (Valsad)
	42. Ranvel Pocket)		(Valsad)
	43. Rahej Pocket		40.3 (Gandevi)
	44. Sisodara		63.0 (Gandevi)
7. Dang	45. Dangs		92.3

Statement No. 5

District: Panchmahals.

Maximum & Minimum temperature at taluka headquarters

(Degree in centigrade)

Sr. No.	Taluka headquarters	1973		1974		1975		1976		1977		1978	
		Maxi.	Mini	Maxi	Mini	Maxi	Mini	Maxi	Mini	Maxi	Mini	Maxi	Mini
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Tribal Area													
1.	Saintrampur	46	13	46	13	48	10	43	10	42	10	43	11
2.	Jhalod	41	7	NA	NA	39	11	36	12	37	14	35	13
3.	Dohad	47	5	42	2	46	9	44	10	43	9	42	9
4.	Limkheda	NA	NA	NA	NA	36	26	37	26	37	24	37	24
5.	Dev.Bari a	44	8	43	9	44	8	44	10	44	7	42	8
Non-Tribal Area													
6.	Godhra	43	8	42	8	43	9	42	9	41	8	42	9
7.	Kalol	46	6	46	6	47	5	46	7	47	7	45	6
8.	Halol	NA	NA	NA	NA	46	6	45	5	44	7	45	6
9.	Shehera	NA	NA	NA	NA	42	9	39	10	40	11	41	10
10.	Lunavada	44	7	42	7	43	8	43	9	44	8	44	9
11.	Jambughoda a	NA	NA	NA	NA	54	16	36	16	38	15	37	14

Statement No. 6

District: Panchmahals No. of Rainy days & average Rainfall at the Taluka headquarters.

Sr. No.	Headquarters of Taluka.	1970		1971		1972		1973		Average 1970 to 73	
		No. of Rainy days.	Annual Rain fall (M.M.)	No. of Rainy days	Annual Rainfall (M.M.)	No. of Rainy days	Annual Rainfall (M.M.)	No. of Rainy days	Annual Rainfall (M.M.)	No. of rainy days	Annual Rainfall (M.M.)
1	2	3	4	5	6	7	8	9	10	11	12
Tribal Area											
1.	Shantrampur	50	958	50	612	52	643	30	2068	46	1070
2.	Jhalod	47	813	55	718	54	598	27	1243	46	843
3.	Dohad	65	1146	61	907	53	833	35	1516	54	1101
4.	Linkheda	49	1023	56	664	51	528	30	1496	47	928
5.	Dev. Baria	60	1220	63	793	63	625	35	1898	55	1134
Non-Tribal Area											
6.	Godhra	52	1086	63	823	55	460	29	1489	50	965
7.	Kalol	54	1044	71	769	62	534	30	1404	54	938
8.	Halol	55	1141	67	744	52	542	34	1404	52	958
9.	Shahera	44	948	61	774	54	368	31	1574	48	916
10.	Lunavada	44	989	60	692	63	426	41	1393	52	875
11.	Jambughada	68	1416	87	765	62	719	50	1554	67	1114

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Statement No.2

No. of Rainy days & Average Rainfall at the taluka headquarters.

Dist. Panchmahals

Sr. No. of Taluka	1974		1975		1976		1977		1978		Average of 1974-78		
	No. of rainy days	Annual rain-fall	No. of rainy days	Annual rain-fall	No. of rainy days	Annual rain-fall	No. of rainy days	Annual rain-fall	No. of rainy days	Annual rain-fall	No. of rainy days	Annual rain-fall	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.

Tribal Area

1. Santrampur	15	564	51	1237	63	1494	55	1206	35	1130	44	<del>11</del> 36
2. Jhalod	20	446	51	579	56	1233	50	1179	39	359	43	380
3. Dohad	27	292	56	760	59	1625	59	1243	57	997	52	983
4. Limkheda	19	395	72	2536	55	1265	57	1024	54	1544	51	1353
5. Dev. Baria	32	642	53	936	74	<del>2</del> 193	67	1336	52	1207	57	1278

Non-Tribal Area

6. Godhra	32	335	63	1332	60	1347	67	1353	60	933	56	1191
7. Kalol	26	<del>303</del>	60	1279	62	<del>2</del> 122	57	1024	54	1544	52	1270
8. Halol	30	373	62	1737	58	1550	53	1532	44	1637	50	1376
9. Shehera	21	304	56	948	56	1969	63	1710	56	1790	50	1360
10. Lunavada	25	351	70	904	65	1251	70	1082	63	1125	59	943
11. Jambughoda	36	735	54	1135	69	2313	65	1340	51	1335	55	1433

Dist: Panchmahals

## Population of Scheduled Tribes &amp; Scheduled castes

1971

Sr. No.	Taluka	Total population	Scheduled Tribes		Scheduled castes	
			Persons	% to total population	Persons	% to total population.
1	2	3	4	5	6	7
Tribal Area						
1.	Shantrampur	247300	145678	58.9	6929	2.8
2.	Jhalod	158860	135038	85.0	2450	1.5
3.	Dohad	235928	167413	71.0	5118	2.2
4.	Limkheda	163016	95894	58.8	2596	1.6
5.	Dev Baria	219373	60408	27.5	6111	2.8
6.	Kathola Pocket (Halol)	30203	16620	55.0	338	1.1
7.	Mora Pocket (Godhra)	40450	21555	53.3	647	1.6
	Sub-Total	1095130	642606	58.7	24189	2.2
Non-tribal area						
8.	Godhra Excl. TP)	228907	21270	9.3	12407	5.4
9.	Kalol	118273	7547	6.4	8964	7.6
10.	Halol Excl. TP)	85471	20854	24.4	3013	3.5
11.	Shehera	113259	8190	7.2	6198	5.5
12.	Lunavada	186251	5413	2.9	12892	6.9
13.	Jambugheda	21513	6833	31.7	359	1.7
	Sub-total	753674	70107	9.3	43833	5.8
	Dist. total	1848804	712713	38.5	68022	3.7

## Population of Scheduled Tribes &amp; Scheduled castes

1981

Dist: Panchmahals.

Sr. No.	Name of Taluka	Total population.	Scheduled Tribes		Scheduled castes	
			Persons	% to total population.	Persons	% to total population
1	2	3	4	5	6	7
Tribal area						
1.	Santrampur	323268	214693	66.4	3229	1.0
2.	Jhalod	200445	171549	85.6	7738	3.9
3.	Dahad	296322	215774	72.8	9092	3.1
4.	Limkheda	211470	123557	58.4	3328	1.6
5.	Dev Baria	275104	104983	38.2	8225	3.0
6.	Kathoda pocket (Halol)	34761	18937	54.5	2485	7.1
7.	Morapocket (Godhra)	49613	28165	56.8	910	1.8
	Sub-total	1390983	877656	63.1	35007	2.5
Non-Tribal area						
8.	Godhra (Excl. TP)	292378	29861	10.2	16843	5.8
9.	Kalol	143913	11556	8.0	10579	7.3
10.	Halol Excl TP)	96669	20246	20.9	1358	1.4
11.	Shahera	142421	12150	8.5	7681	5.4
12.	Lunavada	230777	11076	4.8	16351	7.1
13.	Jambughoda	25448	6976	28.4	413	1.7
	Sub-total	930706	91865	9.9	53225	5.7
	Dist. Total	2321689	969523	41.8	88232	3.8

District- Paanchmahals

## Statement No. 10

## Growth of Population

Sr. No.	Taluka	1971		1981		Increase in 1981 over 1971	
		Total Population	Tribal Population	Total Population	Tribal Population	Total Population	Tribal Population
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Santrampur	247300	145678	323268	214693	30.7	47.4
2.	Jhalod	158830	135038	200445	171549	26.2	27.0
3.	Dahad	235928	167413	296322	215774	25.6	28.9
4.	Limkheda	163016	95894	211470	123557	29.7	28.8
5.	Dev.Baria	219373	60408	275104	104983	25.4	73.8
6.	Kathola Pocket (Halol)	30203	16620	34761	18937	15.1	13.9
7.	Mora Pocket (Godhra)	40450	21555	49613	28165	22.6	30.7
<u>Sub-Total :</u>		<u>1095130</u>	<u>642606</u>	<u>1390983</u>	<u>877658</u>	<u>27.0</u>	<u>36.6</u>
<u>Non-Tribal Area</u>							
8.	Godhra (Excl. TP)	228907	21270	292378	29331	27.7	40.4
9.	Kalol	113273	7547	143913	11556	21.7	53.1
10.	Halol (Excl. TP)	85471	20854	98369	20246	13.1	2.9
11.	Shehara	113259	8190	142421	12150	25.8	48.4
12.	Lunavada	186251	5413	230777	11076	23.9	104.6
13.	Jambughoda	21513	6333	24548	6976	14.1	2.1
<u>Sub-Total :</u>		<u>753674</u>	<u>70107</u>	<u>930706</u>	<u>91865</u>	<u>23.5</u>	<u>31.0</u>
<u>District-Total :</u>		<u>1848804</u>	<u>712713</u>	<u>2321689</u>	<u>969523</u>	<u>25.6</u>	<u>36.0</u>

District-Panchmahals.

Statement No. 11

1971

Area, Population and Density of Population.

Sr. No.	Taluka	Area (Sq. kms.)	Population	Density of Population (per sq. km.)	Number of villages			No. of Towns
					Inhabited	Un-inhabited	Total	
1.	2.	3.	4.	5.	6.	7.	8.	9.
<u>Tribal Area</u>								
1.	Santampur	1360	247300	182	390	1	391	1
2.	Jhalod	798	150860	199	151	1	152	-
3.	Dehad	875	235928	270	119	2	121	2
4.	Limbhoda	1064	163016	153	243	1	244	-
5.	Dev. Baria	1142	219373	192	184	-	184	1
6.	Kathala Pocket (Halol)	155	30203	195	40	-	40	-
7.	Mora Pocket (Godhra)	192	40450	211	31	-	31	-
<u>Sub-Total:</u>		5586	1095130	196	1158	5	1163	4
<u>Non-Tribal Area</u>								
8.	Godhra (Excl. TF)	899	228907	255	131	-	131	1
9.	Kalol	308	118273	297	67	4	71	1
10.	Halol (Excl. TF)	264	85471	235	82	3	85	2
11.	Shcherda	580	113259	195	82	7	89	-
12.	Lunavada	946	186251	197	328	11	339	1
13.	Jambughada	146	21513	147	55	-	55	-
<u>Sub-Total :</u>		3333	753674	226	745	25	770	5
<u>Dist. Total :</u>		8919	1848804	209	1903	30	1933	9
		* 8866						

\* Figures as supplied by the Surveyor General.



District-Panchmahals.

Statement No. 12

1931 Census

Area, Population and Density of Population.

Sr. No.	Taluka	Area (Sq. kms.)	Population 1931	Density of population (per sq. km.)	No. of villages		Total	No. of Towns
					Inhabited	Un-inhabited		
1.	2.	3.	4.	5.	6.	7.	8.	9.
<u>Tribal Area</u>								
1.	Santrampur	1368	323268	236	386	6	394	1
2.	Jhalod	798	200445	251	151	-	151	-
3.	Dahad	874	296322	339	119	-	119	2
4.	Limkheda	1063	211470	199	242	-	242	-
5.	Dev.Baria	1145	275104	240	186	-	186	1
6.	Kathola Pocket (Halol)	158	34761	220	40	-	40	-
7.	Mora Pocket (Godhra)	191	49613	260	31	-	31	-
Sub-Total :		5597	1390983	249	1157	6	1163	4
<u>Non-Tribal Area</u>								
8.	Godhra (Excl. TF)	828	292378	353	120	1	131	1
9.	Kalol	396	143913	363	68	-	68	1
10.	Halol (Excl. TP)	361	96669	268	80	3	83	2
11.	Shichra	578	142421	246	82	-	82	-
12.	Lunavada	943	230777	245	323	4	327	1
13.	Jambughoda	121	24548	203	55	-	55	-
Sub-Total :		3227	930706	288	738	8	746	5
Dist. Total :		8824	2321689	263	1895	14	1909	9
		* 8866						

\* Figures as supplied by the Surveyor General.

District-Panchmahals

Statement No. 13

Rural & Urban Composition of Population by Sex

Sr. No.	Taluka	Rural			Urban			Total			1971	
		Males	Females	Total	Males	Females	Total	Males	Females	Total	% of urban population	Sex Ratio for total population females per 1000males
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>Tribal Area</u>												
1.	Santrampur	122553	116213	238766	4513	4021	8534	127066	120234	247300	3.5	946
2.	Jhalod	81068	77792	158860	-	-	-	81068	77792	158860	-	960
3.	Dohad	84322	82382	166704	35533	33691	69224	119855	116073	235928	29.3	968
4.	Limkheda	82835	80181	163016	-	-	-	82835	80181	163016	-	968
5.	Dev. Baria	105985	100153	206138	6391	6344	13235	112876	106497	219373	6.0	943
6.	Kathola	15579	14624	30203	-	-	-	15579	14624	30203	-	939
7.	Pocket (Halol)											
	Mora Pocket (Godhra)	20945	19505	40450	-	-	-	20945	19505	40450	-	931
<b>Sub-Total :</b>		<b>513287</b>	<b>490850</b>	<b>1004137</b>	<b>46937</b>	<b>44056</b>	<b>90993</b>	<b>560224</b>	<b>534906</b>	<b>1095130</b>	<b>8.3</b>	<b>955</b>
<u>Non-Tribal Area</u>												
8.	Godhra (Excl. TP)	84543	77511	162054	34991	31862	66853	119534	109373	228907	29.2	915
9.	Kalol	55327	51865	107192	5785	5296	11081	61112	57161	118273	9.4	935
10.	Halol (Excl. TP)	34235	31843	66078	10069	9324	19393	44304	41167	85471	22.7	929
11.	Shchora	59321	53938	113259	-	-	-	59321	53938	113259	-	909
12.	Lunavada	86290	81111	167401	9352	9498	18850	95642	90609	186251	10.1	947
13.	Jambughoda	11063	10450	21513	-	-	-	11063	10450	21513	-	945
<b>Sub-Total :</b>		<b>330779</b>	<b>306718</b>	<b>637497</b>	<b>60197</b>	<b>55980</b>	<b>116177</b>	<b>390976</b>	<b>362698</b>	<b>753674</b>	<b>15.4</b>	<b>928</b>
<b>Dist. Total :</b>		<b>844066</b>	<b>797568</b>	<b>1641634</b>	<b>107134</b>	<b>100036</b>	<b>207170</b>	<b>951200</b>	<b>897604</b>	<b>1848804</b>	<b>11.2</b>	<b>944</b>

Rural & Urban Composition of Population by Sex.

Sr. No.	Taluka	Rural			Urban			Total			% of urban pop. to total pop.	Sex Ratio for total pop. (females per 1000 males)
		Males	Females	Total	Males	Females	Total	Males	Females	Total		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>Tribal Area</u>												
1.	Santrampur	158767	153504	312271	5696	10997	10997	164463	158805	323268	3.4	966
2.	Jhalod	101206	99239	200445	-	-	-	101206	99239	200445	-	981
3.	Dhad	106924	107142	214066	41899	82256	82256	148823	147499	296322	27.8	991
4.	Limkheda	106352	105118	211470	-	-	-	106352	105118	211470	-	988
5.	Dev. Baria	132590	126539	259129	8436	15975	15975	141026	134078	275104	5.8	951
6.	Kathala Pocket (Halol)	18070	16691	34761	-	-	-	18070	16691	34761	-	924
7.	Mara Pocket (Godhra)	25474	24139	49613	-	-	-	25474	24139	49613	-	948
Sub-Total :		649383	632372	1281755	56031	109228	109228	705414	685569	1390983	7.8	972
<u>Non-Tribal Area</u>												
8.	Godhra (Excl. TP)	106317	99833	206150	44732	86228	86228	151049	141329	292378	29.5	936
9.	Kalol	67073	62559	129632	7522	14281	14281	74595	69318	143913	9.9	929
10.	Halol (Excl. TP)	38126	35071	73197	12285	23472	23472	50411	46258	96669	24.3	918
11.	Shchra	73477	68944	142421	-	-	-	73477	68944	142421	-	938
12.	Lunavada	105604	100830	206434	12180	24343	24343	117784	112993	230777	10.6	959
13.	Jambughoda	12653	11895	24548	-	-	-	12653	11895	24548	-	940
Sub-Total :		403250	379132	782382	76719	148324	148324	479969	450737	930706	15.9	939
Dist. Total		1052633	1011504	2064137	132750	257552	257552	1185383	1136306	2321689	11.1	959

Dist. Panchmahals

Statement No. 15

Percentage of literacy by sex.

Sr. Taluka No.	No. of Literates 1971			1971			No. of literates 1981			1981			
	Males	Females	Total	% to total popu. males	% to total popu. females	% to total popu. lation	Males	Females	Total	% to total popu. males	% to total popu. females	% to total popu. lation	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1. Santrampur	34603	8053	42656	27.2	6.7	17.2	58299	16713	75012	35.4	10.5	23.2	
2. Jhalod	18979	5643	24622	23.4	7.3	15.5	30370	10943	41313	30.0	11.0	20.6	
3. Dahad	38433	18297	56730	32.1	15.8	24.0	53066	26055	79121	35.6	17.7	26.7	
4. Limkheda	15461	1966	17427	18.7	2.5	10.7	28417	5761	34178	26.7	5.5	16.2	
5. Dev. Baria	30054	6286	36340	26.6	5.9	16.6	48083	11460	59543	34.1	8.5	21.6	
6. Kathola Pockot (Halol)	4276	412	4688	26.4	2.8	15.5	2027	473	2500	11.2	2.8	7.2	
7. Mora Pockot (Godhra)	6312	832	7144	27.4	4.3	17.7	8704	1300	10012	34.2	5.4	20.2	
Sub-Total :	148118	41489	189607	30.1	7.5	17.3	228966	72713	301679	32.5	10.6	21.7	
<u>Non-Tribal Area</u>													
8. Godhra (Excl. TF)	58971	20400	79371	48.6	18.7	34.3	83454	33018	116472	55.2	23.4	39.8	
9. Kalol	30270	12501	42771	49.5	21.9	36.2	41501	17395	58896	55.6	25.1	40.9	
10. Halol (Excl. TF)	18856	6442	25298	42.6	15.6	29.6	30903	11457	42360	61.3	24.8	43.8	
11. Sachera	22740	4100	26840	38.3	7.6	23.7	33173	7108	40281	45.1	10.3	28.3	
12. Lunawada	39122	15021	54143	40.9	16.6	29.1	59412	25548	84960	50.4	22.6	36.8	
13. Jambughoda	3800	796	4596	34.3	7.6	21.4	6130	1595	7725	48.4	13.4	31.5	
Sub-Total :	172859	59350	232209	44.2	16.4	30.8	254573	96121	350694	53.0	21.3	37.7	
Dist. Total	320977	100839	421816	33.7	11.2	22.8	483539	168834	652373	40.8	14.9	28.1	

## Statement No. 16

Dist. Panchmahals.		Literacy among Scheduled Tribes.						1971		
Sr. No.	Taluka	Total S.T. Population			S.T. literates persons			Percentage of literates to total Tribal population		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Santrampur	74257	71421	145678	14669	1674	16343	19.8	2.3	11.2
2.	Jhalod	63824	66214	135038	11643	1713	13359	16.9	2.6	9.9
3.	D. had	84547	82366	167413	13398	1800	15698	16.4	2.2	9.4
4.	Limkheda	40634	47260	95894	5623	594	6222	11.6	1.3	6.5
5.	Dev. Baria	31266	29292	60458	3775	365	4140	12.1	1.2	6.9
	<b>Sub-Total :</b>	<b>307468</b>	<b>296963</b>	<b>604431</b>	<b>49613</b>	<b>6149</b>	<b>55762</b>	<b>16.1</b>	<b>2.1</b>	<b>9.2</b>
<u>Non-Tribal Area</u>										
6.	Godhra	21862	20963	42825	4420	465	4885	20.2	2.2	11.4
7.	Kalol	3679	3668	7547	334	13	352	8.6	0.5	4.7
8.	Halol	19352	18122	37474	2457	205	2662	12.7	1.1	7.1
9.	Shcheru	4160	4030	8190	373	9	382	9.0	0.2	4.7
10.	Lunawada	2840	2573	5413	503	33	536	17.7	1.3	9.9
11.	Jambughoda	3589	3294	6883	617	111	728	17.4	3.4	10.7
	<b>Sub-Total :</b>	<b>55832</b>	<b>52350</b>	<b>108282</b>	<b>9704</b>	<b>841</b>	<b>9545</b>	<b>15.6</b>	<b>1.6</b>	<b>8.3</b>
	<b>Dist. Total</b>	<b>363100</b>	<b>349613</b>	<b>712713</b>	<b>59317</b>	<b>6990</b>	<b>65307</b>	<b>13.1</b>	<b>2.0</b>	<b>9.2</b>

Statement No. 17

Dist. Panchmahals.		Literacy among Scheduled Tribes.						1981		
Sr. No.	Taluka	Total S.T. Population			Literate persons			Percentage of literates to total Tribal population		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Saattrampur	198349	106344	214693	29843	5150	34999	27.5	4.3	16.3
2.	Jhalod	36364	85185	171549	20864	5184	26048	24.2	6.1	15.2
3.	Dhad	107586	108188	215774	22317	4535	26852	20.7	4.2	12.4
4.	Limkheda	62003	61554	123557	11372	2115	13487	18.3	3.4	10.9
5.	Dev. Baria	53477	51506	104983	12031	1500	13531	22.5	3.1	13.0
Sub-Total :		417779	412777	830556	96427	18580	115007	23.1	4.5	13.3
<u>Non-Tribal Area</u>										
6.	Godhra	25607	28419	54026	7296	927	8223	24.6	3.3	14.2
7.	Kalol	5909	5647	11556	756	109	865	12.8	1.9	7.5
8.	Halol	20441	18742	39183	3939	730	4669	19.3	3.9	11.9
9.	Shikhera	6193	5957	12150	796	82	878	12.9	1.4	7.2
10.	Lunavada	5768	5308	11076	1484	213	1697	25.7	4.0	15.3
11.	Jambughoda	3632	3344	6976	971	200	1171	26.7	6.0	16.3
Sub-Total :		71550	67417	138967	15242	2261	17503	21.3	3.4	12.6
Dist. Total		489329	480194	969523	111669	20841	132510	22.3	4.3	13.7

Statement No. 1B

Dist. Panchmahals		Distribution of Population by Workers and Non-Workers									1971		
Sr. No.	Taluka	Total Population			Total workers			Total Non-Workers			Percentage of workers to total population.		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<b>Tribal Area</b>													
1.	Santrampur	127036	120234	247300	69600	15614	85414	57466	104420	161886	54.8	13.2	34.5
2.	Jhalod	81068	77792	158860	43200	18880	62080	37868	58912	96780	53.3	24.3	39.1
3.	Dahad	119855	113073	235928	63983	11606	75689	55872	104377	160240	53.4	10.1	32.1
4.	Limkheda	82835	80181	163016	49147	18251	67398	33688	61930	95618	59.3	22.8	41.3
5.	Dev. Baria	112876	106497	219373	64704	37847	102551	48172	68650	116822	57.3	35.5	46.7
	Kathola Pochet (Halol)	15579	14624	30203	8961	1066	10027	6618	13558	20176	57.5	7.3	33.2
	Mora Pochet (Godhra)	20945	19505	40450	11372	3496	14868	9451	16573	26024	54.3	17.9	36.8
	Sub-Total :	560224	534906	1095130	310967	107050	418017	249135	428420	677555	55.5	20.0	38.2
<b>Non-Tribal Area</b>													
	Godhra (Excl. TF)	119534	109373	228907	61606	13826	75432	58050	94983	153033	51.5	12.6	33.0
	Kalol	61112	57161	118273	32107	2562	34669	29005	54599	83604	52.5	4.5	29.3
	Halol (Excl. TF)	44304	41167	85471	24033	3389	27422	20271	37778	58049	54.2	8.2	32.1
1.	Shcheria	59321	53938	113259	32987	25139	58126	26334	28799	55133	55.6	46.6	51.33
2.	Lunavada	95642	90609	186251	50403	7254	57657	45239	83355	128594	52.7	8.0	31.0
3.	Jambughoda	11063	10450	21513	6083	949	7032	4980	9501	14481	55.0	9.1	32.7
	Sub-Total :	390976	362698	753674	207219	53119	260338	183379	309015	492894	53.0	14.6	34.5
	Dist. Total	951200	897604	1848804	518186	160169	678355	433014	735435	1170449	54.5	17.8	36.7

Statement No. 19

Dist. Panchmahals.		Distribution of Population Worker & Non-Worker.									1981		
Sr. No.	Taluka	Total population			Total Main Workers (Total Workers)			Non-Workers			Percentage of workers to total population		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1.	Santampur	164463	158805	323268	85552	19857	96409	78911	147948	226859	52.0	6.8	29.8
2.	Jhalod	191206	93239	204445	53281	15721	69002	47925	83518	131443	52.6	15.8	34.4
3.	Dahad	148823	147499	296322	76331	19967	87298	72492	136532	209024	51.3	7.4	29.5
4.	Limkheda	106352	105118	211470	59042	7765	66807	47310	97353	144663	55.5	7.4	31.6
5.	Dev. Baria	141926	134078	275104	81744	40824	122568	59282	93254	152536	58.0	30.4	44.6
6.	Kathola Pocket (Halol)	18070	16691	34761	10519	3428	13947	2119	5276	7395	58.2	20.5	40.1
7.	Mora Pocket (Godhra)	25474	24139	49613	13634	1038	14672	11840	23101	34941	53.5	4.3	29.6
Sub-Total:		795414	685569	1390983	389103	90600	479703	319879	586982	906861	53.9	13.2	33.8
<u>Non-Tribal Area</u>													
8.	Godhra (Excl. TF)	151049	141329	292378	78770	19821	89591	72279	130508	202787	52.1	7.7	30.6
9.	Kalol	74595	69318	143913	40292	5138	45430	34393	64180	98573	53.9	7.4	31.5
10.	Halol (Excl. TF)	50411	46258	96669	28710	6842	35552	27133	47403	74536	57.0	14.8	36.8
11.	Shohra	73477	68944	142421	40027	5366	45393	33450	63078	96528	54.5	3.5	32.2
12.	Lunavada	117784	112993	230777	62358	13887	76245	55426	99106	154532	52.9	12.3	33.0
13.	Jambughoda	12653	11895	24548	6998	1076	8074	5655	10819	16474	55.3	9.0	32.9
Sub-Total:		479969	450737	930706	257065	43630	300695	228336	415094	643430	53.6	9.7	32.3
Dist. Total		1185383	1136306	2321689	637168	134230	771398	548215	1002076	1550291	53.8	11.8	33.2



Proportion of Agricultural workers to total workers

Dist. Panchmahals.

Year -1971

Sr. No.	Taluka	Total workers	Cultivators		Agri. Labourers		Total agri. workers	
			Persons	%	Persons	%	Total	%
1	2	3	4	5	6	7	8	9
Tribal Area								
1.	Santrampur	85414	73855	86.5	4316	5.0	78171	91.5
2.	Jhalod	62080	55051	88.7	2088	3.4	57139	92.0
3.	Dohad	75679	52663	69.6	5599	7.4	58262	77.0
4.	Limkheda	67398	62386	92.6	2284	3.4	64670	96.0
5.	Dev. Baria	102551	90871	88.6	5622	5.5	96493	94.1
6.	Kathola pocket (Halol)	10027	6339	63.2	2732	27.2	9071	90.5
7.	Mora pocket (Godhra)	14868	14208	95.6	236	1.6	14444	97.1
	Sub-total	418017	355373	85.0	22877	5.5	378250	90.5
Non-Tribal Area								
8.	Godhra (Excl. TP)	75432	47580	63.1	7112	9.4	54692	72.5
9.	Kalol	34669	21824	63.0	6292	18.1	28116	81.1
10.	Halol (Excl. TP)	27422	13761	50.2	8181	29.8	21942	80.0
11.	Shehera	58126	52943	91.1	2526	4.3	55469	95.4
12.	Lunavada	57657	44761	77.6	4414	7.6	49175	85.3
13.	Jambughoda	7032	5095	72.5	1344	19.1	6439	91.6
	Sub-Total	260338	185964	71.4	29869	11.5	215833	82.9
	Dist. total	678355	541337	79.8	52746	7.8	594083	87.6

## Statement No.21

District: Panchmahals

-125-

Proportion of Agriculture workers to total workers.

Year: 1981

Sr	Taluka	Total main workers.	Cultivators	% to total workers.	Agric. Labourers Persons	% to total workers	Total Agri. workers Persons	% total workers.
1	2	3	4	5	6	7	8	9
1.	Tribal areas Santrampur	96409	77786	80.7	7367	7.6	85153	88.3
2.	Jhalod	69002	58943	85.4	2693	3.9	61636	89.3
3.	Dohad	87298	57134	65.4	7116	8.2	64250	73.6
4.	Limkheda	66807	59028	88.3	3795	5.7	62823	94.0
5.	Dev Baria	122568	98865	80.4	14624	11.9	113489	92.6
6.	Kathola pocket (Halol)	13947	7542	54.1	4517	32.4	12059	86.5
7.	Mora pocket (Godhra)	14672	12514	85.3	749	5.1	13263	90.4
	Sub-Total	470703	371812	79.0	40861	8.7	412673	87.7
	Non-Tribal Area							
8.	Godhra Excl. TP	89591	49632	55.4	10266	11.5	59898	66.7
9.	Kalol	45340	2440	53.4	10055	22.2	34265	75.6
10.	Halol Excl. TP	35552	16668	46.9	9324	26.2	25992	73.1
11.	Shehera	45893	38020	82.8	3625	7.9	41645	90.7
12.	Lunavada	76245	53277	69.9	8458	11.1	61735	81.0
13.	Jambughoda	8074	5213	64.6	1758	21.8	6971	86.3
	Sub-Total	300695	187020	62.2	43486	14.5	230506	76.7
	Dist. Total	771398	558832	72.4	84347	10.9	643179	83.4

Dist. Paanchmahals.

Statement No. 22

No. & Area of Land held by size of operation holdings.

1970-71

Sr. No.	Taluka	Size of distribution									
		Upto 2-00 hecets.		2-00 to 5-00 hecets.		5-00 to 20-00 hecets.		Above 20 hecets.		Total holdings	
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<b>Tribal Area</b>											
	Santrampur	13782 (40.4)	13408 (17.7)	10579 (37.9)	33682 (44.5)	3508 (12.6)	25452 (38.6)	26 (0.1)	3143 (4.2)	27895 (100.0)	75685 (100.0)
	Jhalod	6585 (41.5)	7281 (14.8)	6585 (41.5)	21397 (48.6)	2675 (16.9)	19916 (40.6)	21 (0.1)	513 (1.0)	15866 (100.0)	49107 (100.0)
	Uchad	10408 (52.3)	10434 (19.7)	6371 (34.5)	21549 (49.8)	2594 (13.0)	19752 (37.4)	48 (0.2)	1127 (2.1)	19913 (100.0)	52862 (100.0)
	Limkheda	9439 (50.7)	9835 (20.5)	6932 (37.2)	21932 (45.5)	2244 (12.0)	16139 (33.5)	10 (0.1)	253 (0.5)	18625 (100.0)	48189 (100.0)
	Dev. Baria	10955 (48.5)	10770 (18.0)	76841 (34.0)	24948 (36.9)	3918 (17.3)	30523 (45.2)	36 (0.2)	1281 (1.9)	22593 (100.0)	67522 (100.0)
	Sub-Total:	51169 (48.8)	51758 (17.6)	38651 (36.9)	123508 (42.1)	14939 (14.2)	111782 (38.1)	133 (0.1)	6317 (2.2)	104892 (100.0)	293365 (100.0)
<b>Non-Tribal Area</b>											
	Gadhra	13509 (53.0)	12826 (19.4)	8772 (34.4)	27630 (41.9)	3169 (12.4)	24902 (36.4)	52 (0.2)	1504 (2.3)	25493 (100.0)	65962 (100.0)
	Kalol	10335 (67.7)	6635 (30.9)	3959 (26.0)	12265 (43.9)	958 (6.3)	6939 (24.8)	4 (0.0)	109 (0.4)	15256 (100.0)	27948 (100.0)
	Halol	5542 (40.3)	5490 (17.2)	4067 (30.1)	13209 (41.4)	1618 (14.4)	12436 (39.1)	27 (0.2)	735 (2.3)	11254 (100.0)	31020 (100.0)
	Shchera	6997 (53.5)	6793 (21.4)	4655 (35.6)	14547 (45.8)	1420 (10.8)	10092 (31.7)	10 (0.1)	352 (1.1)	13082 (100.0)	31784 (100.0)
	Lunavada	18252 (63.5)	15946 (27.5)	8311 (28.9)	25988 (44.8)	2148 (7.5)	13065 (26.0)	28 (0.1)	1013 (1.7)	28739 (100.0)	53012 (100.0)
	Jambughoda	1231 (49.8)	1157 (17.6)	924 (37.3)	2950 (44.9)	314 (12.7)	2301 (35.0)	5 (0.2)	162 (2.5)	2474 (100.0)	6570 (100.0)
	Sub-Total	55866 (58.0)	50847 (22.9)	30688 (31.9)	96539 (43.5)	9618 (10.0)	70885 (31.9)	126 (0.1)	3875 (1.7)	96298 (100.0)	222196 (100.0)
	Dist. Total	197035 (53.2)	192605 (19.9)	69339 (34.5)	220097 (42.7)	24557 (12.2)	182667 (35.4)	259 (0.1)	10192 (2.0)	201190 (100.0)	515561 (100.0)

Dist. Panchmahals

Number & Area of land held by size of holdings. (1976-77 Agri. Census)

Sr. No.	Taluka	Upto 2 hcts.		2 to 5 hcts.		5 to 20 hcts.		20 hcts. & above.		Total	
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<u>Tribal Area</u>											
Santrampur		6973 (42.9)	7605 (15.4)	6628 (49.7)	21385 (43.4)	2642 (16.2)	19799 (49.1)	22 (0.2)	533 (1.1)	16265 (100.0)	49322 (100.0)
Jhalod		18703 (52.9)	12576 (19.2)	7988 (34.2)	22196 (46.3)	2795 (13.6)	21125 (38.4)	40 (0.2)	1168 (2.1)	29576 (100.0)	55065 (100.0)
Dahad		13823 (59.9)	13115 (18.9)	19064 (36.8)	31778 (45.7)	3315 (12.2)	24969 (34.7)	20 (0.1)	499 (0.7)	27162 (100.0)	69461 (100.0)
Linkheda		11677 (55.9)	11957 (21.3)	7266 (34.6)	22626 (45.9)	2044 (9.7)	14543 (29.5)	6 (0.1)	106 (0.3)	20993 (100.0)	49292 (100.0)
Dav. Baria		11461 (49.4)	11175 (16.6)	7795 (33.6)	25145 (37.3)	3904 (16.9)	30306 (45.0)	26 (0.1)	722 (1.1)	23186 (100.0)	67348 (100.0)
Sub-Total		54637 (59.5)	54428 (18.7)	38731 (35.8)	123130 (42.4)	14700 (13.6)	109842 (37.8)	114 (0.1)	3088 (1.1)	108132 (100.0)	290468 (100.0)
<u>Non-Tribal Area</u>											
Godhra		13225 (53.9)	12572 (26.3)	8289 (33.8)	26117 (42.2)	2971 (12.1)	22251 (35.9)	37 (0.2)	974 (1.6)	24522 (100.0)	61914 (100.0)
Kalol		10979 (67.8)	8314 (31.0)	3919 (26.4)	12135 (45.3)	860 (5.8)	6091 (22.8)	7 (0.0)	232 (0.8)	14865 (100.0)	26772 (100.0)
Talol		6171 (52.5)	5925 (19.1)	4015 (34.2)	12944 (41.8)	1536 (13.1)	11494 (37.1)	21 (0.2)	611 (2.0)	11743 (100.0)	30977 (100.0)
Shahera		7332 (54.5)	6944 (21.7)	4714 (35.1)	14673 (45.9)	1389 (10.3)	9368 (30.9)	14 (0.1)	471 (1.5)	13449 (100.0)	31959 (100.0)
Lunavada		19698 (36.2)	16386 (39.1)	8198 (27.3)	25443 (45.3)	1907 (6.4)	13169 (23.4)	19 (0.1)	646 (1.2)	30022 (100.0)	76135 (100.0)
Jambughoda		1568 (54.0)	1451 (19.9)	993 (34.1)	3125 (42.8)	337 (11.6)	2432 (33.3)	8 (0.3)	239 (4.0)	2906 (100.0)	7297 (100.0)
Sub-Total		58273 (59.8)	52092 (24.2)	30128 (30.9)	94437 (43.9)	9000 (9.2)	65296 (30.4)	106 (0.1)	3229 (1.5)	97507 (100.0)	215054 (100.0)
Dist. Total		112910 (54.9)	106520 (21.1)	68859 (33.5)	217567 (43.0)	23700 (11.5)	175138 (34.6)	220 (0.1)	6317 (1.3)	205639 (100.0)	505542 (100.0)

Dist. Panchmahals

Net area sown per agricultural worker.

(Area in hects.)

Sr. No.	Taluka	Net Area Sown		Gross Area Sown		Net Area Sown per Agri. Worker	
		1973-74	1978-79	1973-74	1978-79	1973-74	1978-79
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
	Santrampur	71305	67005	86765	78716	0.9	0.9
	Jhalcd	46044	45792	60340	57042	0.8	0.8
	Dohad	47132	47374	65199	64488	0.8	0.8
	Linkhoda	45433	44619	49315	50069	0.7	0.7
	Dev. Baria	60598	61277	64687	65610	0.6	0.6
	<u>Sub-Total</u>	<u>270512</u>	<u>266067</u>	<u>326306</u>	<u>316825</u>	<u>0.8</u>	<u>0.8</u>
<u>Non-Tribal Area</u>							
	Godhra	61993	60214	66963	63628	0.9	0.9
	Kalol	29032	26359	31895	29342	1.0	0.9
	Halol	30435	29637	31424	32076	1.0	1.0
	Shchera	30210	28559	32657	30932	0.5	0.5
	Lunavada	55958	55562	61343	60862	1.1	1.1
	Jambughoda	5891	6255	6411	6968	0.9	1.0
	<u>Sub-Total</u>	<u>213549</u>	<u>206586</u>	<u>230693</u>	<u>223808</u>	<u>0.9</u>	<u>0.9</u>
	<u>Dist. Total</u>	<u>484061</u>	<u>472653</u>	<u>556999</u>	<u>540633</u>	<u>0.8</u>	<u>0.8</u>

(1) Proportion of Area under Principal food and non-food crops. (Area in Hectares)												
Sr. Taluka		Year	Rice		Wheat		Jowar		Bajri		Maize	
No.			Area	%	Area	%	Area	%	Area	%	Area	%
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>Tribal Area</u>												
Santrampur												
		1973-74	18741	21.6	5993	6.9	800	0.9	3439	4.0	28042	32.3
		1974-75	19364	24.9	3496	4.5	502	0.7	3175	4.1	27396	35.3
		1975-76	21741	26.3	3512	4.2	496	0.6	2370	2.9	29260	35.5
		1976-77	18955	23.4	4213	5.3	414	0.5	1967	2.5	27091	34.3
		1977-78	20117	25.7	4845	6.2	316	0.4	1402	1.8	24237	31.0
		1978-79	19735	25.1	4702	6.0	329	0.4	1581	2.0	24263	30.3
Jhalod												
		1973-74	8250	13.7	5197	9.1	126	0.2	16	0.0	21145	35.0
		1974-75	6949	12.9	3267	6.1	99	0.2	5	0.0	20824	33.7
		1975-76	5831	10.0	5543	9.5	170	0.3	10	0.0	22361	33.2
		1976-77	5575	9.6	5721	9.3	106	0.2	4	0.0	22624	33.9
		1977-78	6662	11.2	5476	9.2	72	0.1	4	0.0	24742	41.6
		1978-79	7076	12.2	6103	10.5	78	0.1	5	0.0	23947	41.4
Dhad												
		1973-74	5420	8.3	4878	7.5	532	0.9	154	0.2	27773	42.6
		1974-75	4573	7.3	3436	5.6	446	0.7	50	0.0	28433	45.3
		1975-76	5670	8.9	3970	6.2	526	0.9	73	0.0	28370	44.5
		1976-77	5964	9.1	4624	7.1	410	0.6	52	0.1	27779	42.4
		1977-78	7389	11.4	5072	7.6	582	0.9	54	0.1	26422	40.7
		1978-79	6954	10.8	5322	8.3	267	0.4	41	0.1	27080	42.0

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## STATEMENT NO.25 (CONTD.)

Sr. No.	Taluka	Year	Other Food Crops.		Total Food Crops.		Cotton		Groundnut	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	16.	17.	18.	19.	20.	21.	22.	23.
<u>Tribal Area</u>										
	Santramput	1973-74	22317	25.7	79332	91.4	3615	4.2	1311	1.5
		1974-75	16933	21.7	79773	91.2	3487	4.5	1177	1.5
		1975-76	18633	22.6	76012	92.1	3581	4.3	1407	1.7
		1976-77	19820	25.1	71973	91.1	3353	4.3	1394	1.8
		1977-78	20450	26.2	71373	91.3	3782	4.8	1242	1.6
		1978-79	21382	26.8	71692	91.1	3412	4.3	1485	1.9
	Jhalod	1973-74	15931	25.5	59965	84.5	433	0.7	4801	8.0
		1974-75	13305	24.7	44449	82.6	449	0.8	4093	7.6
		1975-76	16695	28.5	50615	86.5	429	0.7	3069	5.2
		1976-77	16416	23.2	50446	86.7	395	0.7	3155	5.4
		1977-78	15288	25.8	52247	87.9	475	0.8	2883	4.0
		1978-79	14553	25.1	51762	89.3	390	0.7	2232	3.9
	Dhad	1973-74	20541	31.5	59303	91.0	537	0.8	1258	1.9
		1974-75	20626	32.8	57604	92.1	577	0.9	759	1.2
		1975-76	20218	20.6	53327	92.3	559	0.9	750	1.2
		1976-77	21526	19.0	60355	92.1	623	0.9	815	1.2
		1977-78	20293	31.3	59812	92.2	556	0.8	747	1.2
		1978-79	20236	31.4	59900	93.0	429	0.6	649	1.0

STATEMENT NO. 25 (CONTD.)

(3)

Sr. No.	Taluka	Year	Tobacco		Other non-food crops		Total non-food crops		Total Gross cropped area	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	24.	25.	26.	27.	28.	29.	30.	31.
<u>Tribal Area</u>										
Santrampur										
		1973-74	100	0.1	2407	2.8	7433	8.6	86765	100.0
		1974-75	83	0.1	2077	2.7	6824	8.8	77597	100.0
		1975-76	95	0.1	1451	1.8	6534	7.9	82546	100.0
		1976-77	99	0.1	2138	2.7	6984	8.9	78957	100.0
		1977-78	60	0.1	1729	2.2	6813	8.7	78186	100.0
		1978-79	67	0.1	2060	2.6	7024	8.9	78716	100.0
Jhalod										
		1973-74	21	0.0	4120	6.8	9375	15.5	60340	100.0
		1974-75	8	0.0	4826	9.0	9376	17.4	53325	100.0
		1975-76	32	0.1	4367	7.5	7897	13.5	58512	100.0
		1976-77	17	0.0	4152	7.2	7719	13.3	58165	100.0
		1977-78	24	0.0	4334	7.3	7216	12.1	59460	100.0
		1978-79	21	0.0	3537	6.1	6180	10.7	57942	100.0
Dahad										
		1973-74	-	0.0	4101	6.3	5896	9.0	65199	100.0
		1974-75	-	0.0	3594	5.3	4930	7.9	62594	100.0
		1975-76	8	0.0	3601	5.6	4918	7.7	63745	100.0
		1976-77	6	0.0	3764	5.8	5208	7.9	65563	100.0
		1977-78	6	0.0	3757	5.8	5066	7.3	64878	100.0
		1978-79	8	0.0	3502	5.4	4588	7.0	64488	100.0



STATEMENT NO.25 (contd.)

Sr. Taluka		Year	Rice		Wheat		Jowar		Bajri		Maize	
No.			Area	%	Area	%	Area	%	Area	%	Area	%
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>Tribal Area</u>												
Linkheda		1973-74	11366	23.0	848	1.7	32	0.1	154	0.3	20449	41.5
		1974-75	9589	21.0	438	1.0	72	0.1	121	0.3	20462	44.7
		1975-76	3838	13.5	708	1.6	54	0.0	135	0.3	20731	43.4
		1976-77	9260	18.5	1101	2.2	2	0.0	89	0.2	20781	41.4
		1977-78	9593	20.0	1080	2.3	24	0.1	138	0.3	20212	42.1
		1978-79	9693	19.3	1436	3.0	36	0.1	161	0.3	21915	42.0
Dev. Baria		1973-74	10605	16.4	727	1.1	1954	3.0	4343	6.7	18039	27.9
		1974-75	10469	16.6	438	0.7	1495	2.3	2321	3.7	18049	28.5
		1975-76	9195	14.3	963	1.5	1625	2.5	2500	3.9	18114	28.1
		1976-77	8935	13.7	1423	2.2	1974	3.0	1419	2.2	19035	29.6
		1977-78	9700	14.6	1236	1.9	2649	4.0	1325	2.0	18320	27.6
		1978-79	10220	15.6	762	1.2	1668	2.5	1580	2.4	19476	29.7
Kathola Pockot (Halol)		1973-74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1974-75	1211	16.2	30	0.4	389	5.2	174	2.3	1373	18.4
		1975-76	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1976-77	1077	14.3	31	0.4	362	5.1	82	1.2	1363	19.4
		1977-78	976	13.6	28	0.4	442	6.2	106	1.5	1356	18.8
		1978-79	948	13.5	25	0.4	427	6.1	178	2.5	1344	19.2

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STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Rice		Wheat		Jowar		Bajri		Maize	
			Arca	%	Arca	%	Arca	%	Arca	%	Arca	%
Mora Pocket		1973-74	2727	19.5	172	1.2	-	-	564	4.0	3459	24.7
		1974-75	2736	21.7	195	1.5	-	-	538	4.6	3614	28.1
		1975-76	2919	22.8	417	3.2	-	-	582	4.4	3596	28.0
		1976-77	2935	23.1	435	3.4	-	-	425	3.3	3881	30.5
		1977-78	3455	27.5	523	4.2	-	-	252	2.0	4236	33.7
		1978-79	3042	26.3	545	4.6	4	-	230	2.4	3543	30.2
Sub-Total		1973-74	57109	16.8	18115	5.3	3444	1.0	8670	2.5	118912	34.9
		1974-75	54051	17.0	11350	3.5	3010	0.9	6434	2.0	120204	37.2
		1975-76	54194	16.4	15172	4.6	2871	0.9	5650	1.7	122432	37.1
		1976-77	52131	15.4	17553	5.2	3253	1.0	4035	1.2	122824	36.4
		1977-78	57897	17.2	18310	5.4	4085	1.2	3231	1.0	119525	35.5
		1978-79	57674	17.3	18945	5.6	2800	0.8	3826	1.1	120670	36.0

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STATEMENT NO.25 (Contd.)

Sr. No.	Taluka	Year	Other food crops		Total Food Crops		Cotton		Groundnut	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	16.	17.	18.	19.	20.	21.	22.	23.
<u>Tribal Area</u>										
Limkheda		1973-74	19153	20.6	43002	87.2	829	1.7	3946	8.0
		1974-75	3697	19.0	39379	86.1	1134	2.6	3797	8.3
		1975-76	10506	22.2	41122	86.0	1312	2.8	3353	8.1
		1976-77	12286	24.5	43519	86.8	1407	2.8	3875	7.7
		1977-78	10584	22.1	41636	86.9	1368	2.9	3552	7.4
		1978-79	11042	22.9	43433	86.7	1337	2.7	3507	7.0
Dev.Baria		1973-74	17135	26.5	52803	81.6	6488	10.0	4231	6.7
		1974-75	17593	27.8	50365	79.6	6857	10.9	4664	7.4
		1975-76	16352	29.2	51249	79.5	6838	10.6	5186	8.0
		1976-77	19486	29.8	52539	80.5	5612	8.6	5885	9.9
		1977-78	20219	30.6	53499	80.7	6060	9.1	5582	8.4
		1978-79	18197	27.7	51905	79.1	7299	11.1	5225	8.0
Kathela Pockot (Halol)		1973-74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1974-75	1236	16.6	4416	59.1	2107	28.2	591	7.9
		1975-76	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1976-77	1445	20.5	4290	60.9	2015	28.6	593	8.4
		1977-78	1449	20.2	4357	60.7	2201	30.6	430	6.7
		1978-79	1397	20.0	4319	61.7	2039	29.1	433	6.2

STATEMENT NO. 25 (Contd.)

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Sr. No.	Taluka	Year	Tobacco		Other Non-Food Crops		Total Non-Food Crops		Total Gross Cropped Area	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	24.	25.	26.	27.	28.	29.	30.	31.
<u>Tribal Area</u>										
Limkheda		1973-74	9	0.0	1529	3.1	6313	12.8	49315	100.0
		1974-75	20	0.0	1357	3.0	6353	13.9	45737	100.0
		1975-76	31	0.0	1478	3.1	6635	14.0	47807	100.0
		1976-77	22	0.0	1333	2.7	6637	13.2	50156	100.0
		1977-78	19	0.0	1327	2.8	6266	13.1	47902	100.0
		1978-79	16	0.0	1776	3.6	6336	13.3	50069	100.0
Dev. Baria		1973-74	2	0.0	1113	1.7	11834	13.4	64637	100.0
		1974-75	1	0.0	1335	2.1	12367	20.4	63232	100.0
		1975-76	4	0.0	1204	1.9	13232	20.5	64431	100.0
		1976-77	3	0.0	1217	1.9	12717	19.5	65256	100.0
		1977-78	4	0.0	1137	1.8	12773	19.3	66272	100.0
		1978-79	5	0.0	1176	1.8	13705	20.9	65610	100.0
Kathola Pocket (Halol)		1973-74	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1974-75	5	0.1	352	4.7	3055	40.9	7471	100.0
		1975-76	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		1976-77	13	0.2	133	1.9	2759	39.1	7049	100.0
		1977-78	9	0.1	140	1.9	2330	39.3	7137	100.0
		1978-79	1	0.0	211	3.0	2634	33.3	7003	100.0

## STATEMENT NO. 25(Contd.)

Sr. No.	Taluka	Year	Other food crops		Total food crops		Cotton		Groundnut	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	16.	17.	18.	19.	20.	21.	22.	23.
Mora Pochke (Gadchra)		1973-74	3281	23.5	10203	72.9	1352	9.7	183	1.3
		1974-75	2098	16.3	9291	72.2	1402	10.9	186	1.4
		1975-76	2365	18.5	9859	76.9	1344	10.5	195	1.5
		1976-77	2299	18.1	9975	78.4	801	6.4	234	1.8
		1977-78	1840	14.6	10306	82.0	793	6.1	293	2.3
		1978-79	1711	14.6	9131	77.8	749	6.4	181	1.5
Sub-Total		1973-74	89358	26.3	295608	86.9	13254	3.9	15785	4.6
		1974-75	80388	24.9	276337	85.5	16073	5.0	15267	4.7
		1975-76	87359	26.5	287684	87.2	14069	4.2	14463	4.4
		1976-77	93236	27.6	293097	86.8	14206	4.2	15951	4.6
		1977-78	90129	26.9	293227	87.2	15175	4.5	14279	4.2
		1978-79	88218	26.3	292142	83.1	15655	4.7	13712	4.1

STATEMENT NO. 25 (Contd.)

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Sr. Taluka		Year	Tobacco		Other Non-Food Crops		Total Non-Food Crops		Total Gross Cropped Area	
1.	2.	3.	Area 24.	% 25.	Area 26.	% 27.	Area 28.	% 29.	Area 30.	% 31.
Mera Pocket (Gadhra)	1973-74		22	0.2	2222	15.9	2684	27.1	13887	100.0
	1974-75		30	0.2	1957	15.3	3575	27.8	12866	100.0
	1975-76		24	0.2	1393	10.9	2956	23.1	12815	100.0
	1976-77		26	0.2	1382	13.2	2743	21.6	12713	100.0
	1977-78		20	0.2	1160	9.4	2266	18.0	12572	100.0
	1978-79		13	0.1	1660	14.2	2603	22.2	11734	100.0
Sub-Total	1973-74		154	0.0	15492	4.6	44685	13.1	340293	100.0
	1974-75		147	0.0	15498	4.8	46985	14.5	323322	100.0
	1975-76		194	0.1	13494	4.1	42224	12.8	329906	100.0
	1976-77		136	0.1	14424	4.3	44767	13.2	337864	100.0
	1977-78		142	0.0	13634	4.1	43230	12.8	336457	100.0
	1978-79		131	0.0	13922	4.1	43420	12.9	335562	100.0

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STATEMENT NO.25(Contd.)

Sr. No.	Taluka	Year	Rice		Wheat		Jowar		Bajri		Maize	
			Arca	%	Arca	%	Arca	%	Arca	%	Arca	%
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>1. Non-Tribal Arca</u>												
1.	Gadhra	1973-74	10665	20.2	1561	2.9	1912	3.6	5060	15.2	10114	19.1
	Excl.T.F.	1974-75	9474	18.3	812	1.6	1328	2.3	6409	12.7	10707	21.3
		1975-76	9500	18.2	1136	2.2	700	1.3	5371	10.3	11150	21.4
		1976-77	9598	18.2	1518	2.9	1520	2.9	3956	7.5	11071	21.0
		1977-78	10657	20.6	1259	2.4	822	7.6	3411	6.6	10858	21.0
		1978-79	11020	21.2	1077	2.1	879	1.7	2918	5.6	11046	21.3
2.	Kalal	1973-74	5422	17.0	1443	4.5	622	1.9	6973	21.9	2280	7.2
		1974-75	5315	17.2	1096	3.6	344	1.1	5394	19.1	2518	8.2
		1975-76	4992	16.7	1255	4.2	461	1.5	4723	15.7	2397	8.0
		1976-77	5253	16.7	1063	3.4	598	1.9	4450	14.1	2663	8.5
		1977-78	5513	18.5	1094	3.7	606	2.2	3411	11.1	2817	9.4
		1978-79	6566	22.3	761	2.6	911	3.1	2646	9.0	3157	10.8
3.	Halol	1973-74	3965	12.6	323	1.0	2314	7.4	2217	7.1	2952	9.4
	Excl.T.F.	1974-75	3929	14.6	216	0.8	1951	7.6	1161	4.6	2030	8.1
		1975-76	3610	11.1	123	0.4	2368	7.3	1434	4.4	3695	11.3
		1976-77	2864	12.5	187	0.8	2051	8.8	915	3.9	1751	7.6
		1977-78	3190	12.9	311	1.3	2334	9.4	1349	5.5	1414	5.7
		1978-79	3610	14.4	173	0.7	1906	7.6	1479	5.9	2108	8.4

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STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Rice		Wheat		Jowar		Bajri		Maize	
			Arca	%	Arca	%	Arca	%	Arca	%	Arca	%
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
<u>Main-Tribal Arca</u>												
4.	Shehara	1973-74	5836	17.9	993	3.0	842	2.6	6471	19.8	6938	21.3
		1974-75	4078	14.2	344	1.2	765	2.7	5362	18.7	7126	24.3
		1975-76	4251	14.5	479	1.6	592	2.0	5062	17.3	7423	25.4
		1976-77	5506	17.9	1170	3.8	476	1.5	2649	8.6	7571	24.6
		1977-78	6217	20.3	1143	3.8	393	1.3	2420	8.1	6915	23.2
		1978-79	6573	21.2	1198	3.9	372	1.2	2001	6.5	7714	24.9
5.	Lunavada	1973-74	9810	16.0	2696	4.4	1556	2.5	10970	21.1	12179	20.4
		1974-75	8381	14.6	1265	2.2	1737	3.1	11425	20.0	13543	23.7
		1975-76	10027	16.9	2281	3.8	1118	1.9	9398	15.8	13445	22.7
		1976-77	12122	20.4	1893	3.2	929	1.6	6430	10.9	13138	22.1
		1977-78	13643	22.9	2327	3.9	852	1.4	5468	9.2	13585	22.7
		1978-79	13374	22.0	2633	4.3	887	1.5	5784	9.5	12998	21.2
6.	Jambughada	1973-74	1235	19.3	30	0.5	622	9.7	207	3.2	643	10.0
		1974-75	1125	17.8	24	0.4	619	9.8	149	2.4	760	12.0
		1975-76	1093	15.9	48	0.7	491	7.2	115	1.7	913	13.4
		1976-77	1183	16.7	75	1.1	974	13.8	69	1.0	751	10.6
		1977-78	1192	17.3	65	0.9	1084	15.7	73	1.1	602	8.7
		1978-79	1371	19.7	71	1.0	799	11.5	73	1.0	884	12.7



(12)

STATEMENT NO.25(Contd.)

Sr. No.	Taluka	Year	Rice		Wheat		Jowar		Bajri		Maize	
			Area	%	Area	%	Area	%	Area	%	Area	%
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Sub-Total		1973-74	36933	17.0	7051	3.3	7868	3.6	36898	17.0	35406	16.4
		1974-75	32102	16.1	3757	1.9	6864	3.5	30400	15.3	36084	16.5
		1975-76	33473	15.9	5302	2.5	5730	2.8	26108	12.4	39026	18.6
		1976-77	36551	17.9	5911	2.9	6558	3.2	18469	9.0	36950	18.0
		1977-78	40426	19.9	6199	3.1	6151	3.0	16137	8.0	36191	17.9
		1978-79	42514	20.7	5913	2.9	5754	2.8	14901	7.3	37807	18.4
District-Total		1973-74	94042	16.9	25166	4.5	11312	2.0	45568	8.2	154318	27.7
		1974-75	87053	16.7	15107	2.9	9874	1.9	36834	7.1	156888	30.0
		1975-76	87667	16.2	20480	3.8	8601	1.6	31758	5.9	161458	29.9
		1976-77	88602	16.3	23464	4.3	9826	1.8	22504	4.1	159774	29.5
		1977-78	98323	18.2	24509	4.5	10236	1.9	19418	3.6	155716	28.9
		1978-79	100188	18.5	24858	4.6	8563	1.6	18727	3.5	158477	29.3

(13)

STATEMENT NO.25(Contd.)

Sr. No.	Taluka	Year	Other Non-Food Crops		Total Food Crops		Cotton		Groundnut	
			Arca	%	Arca	%	Arca	%	Arca	%
1.	2.	3.	16.	17.	18.	19.	20.	21.	22.	23.
<u>Non-Tribal Arca</u>										
1.	Godhra Excl.T.P.	1973-74	8431	15.9	40743	76.9	7501	14.2	3247	6.1
		1974-75	8615	17.1	37405	74.3	8600	17.2	3035	6.0
		1975-76	10269	19.7	38126	73.1	8438	16.1	3658	7.0
		1976-77	11266	21.4	36929	73.9	8023	15.2	3474	6.6
		1977-78	11010	21.4	38017	73.6	8166	15.8	3593	7.0
		1978-79	11224	21.6	38164	73.5	8159	15.8	3455	6.6
2.	Kalol	1973-74	3952	12.4	20692	64.9	4418	13.8	5952	18.7
		1974-75	3785	12.3	18952	61.5	4825	15.6	5963	19.3
		1975-76	4428	14.8	19261	60.9	4687	15.6	6153	20.6
		1976-77	4647	14.6	18689	59.2	4666	15.0	6939	22.0
		1977-78	3390	11.4	16896	56.6	4844	14.8	7544	25.4
		1978-79	3911	13.4	17952	61.2	3897	13.3	6489	22.1
3.	Halol Excl.T.P.	1973-74	5122	16.3	16898	53.8	9537	30.3	4259	13.5
		1974-75	3962	15.0	13049	51.3	7972	31.4	3985	15.7
		1975-76	5898	18.1	17128	52.6	9923	30.6	4856	14.9
		1976-77	4436	19.1	12224	52.7	6130	26.4	4188	18.1
		1977-78	3970	16.1	12577	50.9	7077	28.6	4493	18.2
		1978-79	3738	14.9	13014	51.9	7422	29.0	4068	16.2

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STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Other food crops		Total food crops		Cotton		Groundnut	
			Arca	%	Arca	%	Arca	%	Arca	%
			16.	17.	18.	19.	20.	21.	22.	23.
4.	Shancera	1973-74	5728	17.5	26808	82.1	3963	12.1	849	2.6
		1974-75	5831	20.3	23506	81.9	3993	13.9	865	3.0
		1975-76	5923	20.3	23713	81.1	4115	14.1	915	3.1
		1976-77	7964	25.9	25336	82.3	3624	11.3	1048	3.4
		1977-78	7247	24.3	24335	81.6	3543	11.9	1081	3.6
		1978-79	6164	26.4	26022	84.1	3404	11.0	944	3.1
5.	Lunawada	1973-74	7194	11.7	46705	73.1	8045	13.1	5426	8.9
		1974-75	5551	9.7	41962	73.4	8440	14.8	5601	9.3
		1975-76	7548	12.7	43817	73.3	8713	14.7	5689	9.6
		1976-77	8439	14.2	42961	72.3	9047	15.2	6201	10.5
		1977-78	8689	14.5	44564	84.3	7567	12.7	6393	10.7
		1978-79	9648	15.8	45224	74.3	8235	13.5	5886	9.7
6.	Jambughoda	1973-74	1488	23.2	4225	65.9	1717	26.3	274	4.3
		1974-75	1739	27.5	4416	69.9	1364	21.6	339	5.4
		1975-76	1653	24.2	4313	63.1	1763	25.8	507	7.4
		1976-77	1587	22.3	4639	65.5	1723	24.3	492	6.9
		1977-78	1543	22.3	4564	66.0	1659	23.9	453	6.6
		1978-79	1352	19.4	4550	65.3	1648	23.6	462	6.7

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## STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Other food crops		Total food crops		Cotton		Groundnut	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	16.	17.	18.	19.	20.	21.	22.	23.
Sub-Total		1973-74	31915	14.7	156071	72.0	35181	16.2	20007	9.3
		1974-75	29483	14.7	139290	70.0	35194	17.7	19788	10.0
		1975-76	35719	17.0	145358	69.2	37639	17.9	21783	10.4
		1976-77	38389	18.7	142778	69.7	33213	16.2	22342	11.1
		1977-78	35849	17.7	140953	69.5	32847	16.2	23557	11.6
		1978-79	38037	18.6	144926	70.7	32755	16.0	21304	10.4
District Total		1973-74	121273	21.8	451679	81.1	48435	8.7	35792	6.4
		1974-75	109871	21.0	415627	79.6	51267	9.8	35055	6.7
		1975-76	123078	22.8	433042	80.2	51708	9.6	36248	6.7
		1976-77	131625	24.3	435875	80.3	47119	8.7	38293	7.1
		1977-78	125978	23.4	434180	80.5	48022	8.9	37836	7.0
		1978-79	126255	23.3	437068	80.8	48410	9.0	35016	6.5

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STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Tobacco		Other Non-Food Crops		Total Non-Food Crops		Total Gross Cropped Area	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	24.	25.	26.	27.	28.	29.	30.	31.

Non-Tribal Area

1. Chahra Excl.T.P.	1973-74	1102	2.1	383	0.7	12233	21.1	52976	100.0
	1974-75	865	1.7	420	0.8	12920	25.7	50325	100.0
	1975-76	983	1.9	935	1.9	14064	26.9	52190	100.0
	1976-77	1693	3.2	553	1.1	13743	26.1	52677	100.0
	1977-78	1378	3.0	11	0.6	13640	26.4	51365	100.0
	1978-79	1462	2.8	654	1.3	13730	26.5	51894	100.0
2. Kalol	1973-74	484	1.5	349	1.1	11203	35.1	31895	100.0
	1974-75	390	1.3	706	2.3	11884	38.5	30930	100.0
	1975-76	345	1.2	509	1.7	11699	39.1	29960	100.0
	1976-77	560	1.8	697	2.2	12832	40.8	31571	100.0
	1977-78	253	0.8	306	1.0	12947	43.4	29843	100.0
	1978-79	415	1.4	589	2.0	11390	38.8	29342	100.0
3. Haldi Excl.T.P.	1973-74	19	0.1	711	2.3	14526	46.2	31424	100.0
	1974-75	23	0.1	371	1.5	12356	48.7	25465	100.0
	1975-76	140	0.4	488	1.5	15407	47.4	32535	100.0
	1976-77	181	0.8	461	2.0	10960	47.3	23194	100.0
	1977-78	171	0.7	465	1.6	12146	40.1	24723	100.0
	1978-79	32	0.1	537	2.2	12059	43.1	25073	100.0

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STATEMENT NO. 25 (Contd.)

Sr. No.	Taluka	Year	Tobacco		Other Non-Food Crops		Total Non-Food Crops		Total Gross Cropped Area	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	24.	25.	26.	27.	28.	29.	30.	31.
4.	Sichora	1973-74	542	1.7	495	1.5	5849	17.9	32657	100.0
		1974-75	69	0.2	220	1.0	5207	16.1	28713	100.0
		1975-76	72	0.2	424	1.5	5526	16.0	29239	100.0
		1976-77	358	1.2	416	1.3	5446	17.7	30782	100.0
		1977-78	488	1.6	380	1.3	5492	16.4	29827	100.0
		1978-79	164	0.5	393	1.3	4910	15.9	30932	100.0
5.	Lunawada	1973-74	25	-	1142	1.9	14638	23.9	61343	100.0
		1974-75	27	-	1181	2.1	15249	26.7	57211	100.0
		1975-76	60	0.1	1071	1.8	15533	26.2	59350	100.0
		1976-77	125	0.2	1083	1.8	16456	27.7	59417	100.0
		1977-78	49	0.1	1159	1.9	15168	25.4	59732	100.0
		1978-79	142	0.2	1385	2.3	15638	25.7	60862	100.0
6.	Jambusar	1973-74	2	-	193	3.0	2186	34.1	6411	100.0
		1974-75	1	-	199	3.1	1903	30.1	63161	100.0
		1975-76	1	-	252	3.7	2523	36.9	6836	100.0
		1976-77	2	-	230	3.3	2447	34.5	7086	100.0
		1977-78	2	-	239	3.5	2344	34.0	6908	100.0
		1978-79	2	-	306	4.4	2418	34.7	6968	100.0

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STATEMENT NO.25(contd.)

Sr. No.	Taluka	Year	Tobacco		Other Non-Food Crops		Total Non-Food Crops		Total Gross Cropped Area	
			Area	%	Area	%	Area	%	Area	%
1.	2.	3.	24.	25.	26.	27.	28.	29.	30.	31.
Sub-Total			2174	1.0	3273	1.5	60635	28.0	216763	100.0
		1973-74								
		1974-75	1300	0.7	3157	1.6	59519	30.0	198809	100.0
		1975-76	1391	0.8	3729	1.8	64752	30.8	210110	100.0
		1976-77	2939	1.4	3445	1.7	61339	30.3	204717	100.0
		1977-78	2841	1.4	2500	1.2	61745	30.5	202638	100.0
		1978-79	2217	1.0	3869	1.7	68145	29.3	205071	100.0
District Total			2328	0.4	18765	3.4	105320	18.9	556999	100.0
		1973-74								
		1974-75	1527	0.3	18655	3.0	106504	20.4	522131	100.0
		1975-76	1795	0.3	17223	3.2	106974	19.8	540016	100.0
		1976-77	3125	0.6	17869	3.3	106706	19.7	542581	100.0
		1977-78	2983	0.6	16134	3.0	104975	19.5	539155	100.0
		1978-79	2348	0.4	17991	3.3	103565	19.2	540633	100.00

(1)

STATEMENT NO.26

Net Area Irrigated by Different Sources.

(Area in Hects.)

Sr. Taluqa No.	Year	Canals		Tanks		Wells		Other sources		Net Area Irrigated		Gross Area Irrigated	% of Gross area irrigated to Gross area sown.	
		Area	%	Area	%	Area	%	Area	%	Area	%			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
<u>Tribal Area</u>														
1. Sangrampur	1973-74	552	30.7	103	5.7	1040	57.8	104	5.8	1799	100.0	1799	2.1	
	1974-75	559	30.9	97	5.4	1043	57.8	107	5.9	1806	100.0	1806	2.3	
	1975-76	596	29.9	87	4.4	1063	53.6	241	12.1	1992	100.0	1992	2.4	
	1976-77	782	34.1	200	8.7	1099	48.0	210	9.2	2291	100.0	2391	3.0	
	1977-78	1200	45.4	250	9.5	900	36.0	225	8.5	2641	100.0	2641	3.0	
	1978-79	3152	52.4	135	3.1	2122	35.3	557	9.2	6013	100.0	6042	7.7	
2. Jhalad	1973-74	-	-	1832	43.9	2236	53.5	110	2.6	4178	100.0	4213	7.0	
	1974-75	-	-	1915	43.9	2302	52.7	150	3.4	4367	100.0	4417	8.2	
	1975-76	-	-	1915	42.8	2406	53.3	150	3.4	4471	100.0	4531	7.7	
	1976-77	-	-	1920	40.1	2663	55.7	200	4.2	4783	100.0	4863	8.4	
	1977-78	-	-	1925	38.5	3075	61.5	-	-	5000	100.0	5026	8.5	
	1978-79	-	-	1925	37.2	3255	62.8	-	-	5130	100.0	5106	9.0	
3. Dhad	1973-74	1836	76.0	89	3.7	475	19.6	17	0.7	2417	100.0	2477	3.8	
	1974-75	1650	86.9	70	2.8	722	29.3	25	1.0	2467	100.0	2517	4.0	
	1975-76	1930	67.4	110	3.0	793	27.9	25	0.9	2863	100.0	3008	4.7	
	1976-77	1918	65.3	120	4.1	867	29.5	31	1.1	2936	100.0	3104	4.7	
	1977-78	1918	64.0	125	4.2	913	30.5	39	1.3	2995	100.0	3168	4.9	
	1978-79	1918	66.8	131	4.6	780	27.2	41	1.4	2870	100.0	3251	5.0	



(2)

STATEMENT NO.26(Contd.)

Sr. No.	Taluka	Year	Canals		Tanks		Wells		Other Sources		Net Area Irrigated		Gross Area Irrigated	% of Gross area irrigated to Gross area sown.
			Arca	%	Arca	%	Arca	%	Arca	%	Arca	%		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
4.	Limkheda	1973-74	-	-	-	-	403	100.0	-	-	403	100.0	403	0.8
		1974-75	-	-	-	-	421	100.0	-	-	421	100.0	421	0.9
		1975-76	-	-	-	-	452	93.0	34	7.0	486	100.0	501	1.0
		1976-77	-	-	-	-	434	93.5	30	6.5	464	100.0	484	1.0
		1977-78	-	-	-	-	512	93.0	33	6.1	545	100.0	613	1.3
		1978-79	-	-	-	-	448	92.4	37	7.6	485	100.0	516	1.0
5.	Dev.Baria	1973-74	520	33.4	51	3.3	936	63.3	-	-	1557	100.0	1557	2.4
		1974-75	370	44.8	25	3.0	431	52.2	-	-	826	100.0	826	1.3
		1975-76	307	41.3	38	2.1	957	53.1	-	-	1302	100.0	1302	2.3
		1976-77	350	36.3	130	5.6	1360	58.1	-	-	2340	100.0	2340	3.6
		1977-78	360	34.8	155	6.3	1456	58.0	-	-	2471	100.0	2505	3.3
		1978-79	150	6.1	215	3.3	2090	35.1	-	-	2455	100.0	2515	3.3
6.	Kathola Pocket (Halki)	1973-74	-	-	-	-	7	100.0	-	-	7	100.0	7	N.A.
		1974-75	-	-	-	-	20	100.0	-	-	20	100.0	20	0.3
		1975-76	-	-	-	-	49	100.0	-	-	49	100.0	49	N.A.
		1976-77	-	-	-	-	26	100.0	-	-	26	100.0	26	0.4
		1977-78	-	-	-	-	26	100.0	-	-	26	100.0	26	0.4
		1978-79	-	-	-	-	33	94.3	2	5.7	35	100.0	35	0.5

(3)

STATEMENT NO. 26 (Contd.)

Sr. No.	Taluka	Year	Canals		Tanks		Wells		Other Sources		Not Irrigated Area		Gross Irrigated Area	% of Gross area irrigated to Gross area sown
			Area	%	Area	%	Area	%	Area	%	Area	%		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
7.	Mara	1973-74	-	-	-	-	134	100.0	-	-	134	100.0	134	1.0
	Pocket	1974-75	-	-	-	-	145	100.0	-	-	145	100.0	145	1.1
	(Gadhra)	1975-76	-	-	-	-	160	100.0	-	-	160	100.0	160	1.2
		1976-77	-	-	-	-	170	100.0	-	-	170	100.0	170	1.3
		1977-78	-	-	-	-	179	100.0	-	-	179	100.0	179	1.4
		1978-79	-	-	-	-	195	100.0	-	-	195	100.0	195	1.6
Sub-Total		1973-74	2908	27.7	2075	19.8	5281	50.3	231	2.2	10495	100.0	19590	3.1
		1974-75	2579	25.6	2107	21.0	5084	50.6	282	2.8	10052	100.0	10152	3.1
		1975-76	3333	28.2	2150	18.1	5390	49.8	450	3.9	11623	100.0	12043	3.7
		1976-77	3550	27.3	2370	18.2	6619	50.9	471	3.6	13010	100.0	13378	4.0
		1977-78	3978	28.7	2455	17.8	7127	51.4	207	2.1	13857	100.0	14163	4.2
		1978-79	5220	30.3	2456	14.2	8923	51.8	687	3.7	17236	100.0	17750	5.3

STATEMENT NO.26 (contd.)

(4)

Sr. No.	Taluka	Year	Canals		Tanks		Wells		Other Sources		Net Area Irrigated		Gross Area Irrigated	% of Gross area irrigated to Gross area s.w.n
			Area	%	Area	%	Area	%	Area	%	Area	%		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
<u>Non-Tribal Area</u>														
8.	Godhra (Excl.T.P.)	1973-74	-	-	316	9.4	2301	83.7	230	6.9	3347	100.0	3347	6.3
		1974-75	-	-	412	12.2	2345	84.5	110	3.3	3317	100.0	3367	6.7
		1975-76	-	-	250	7.5	2971	89.0	119	3.5	3340	100.0	3390	6.5
		1976-77	-	-	510	14.2	2972	82.5	113	3.3	3300	100.0	3600	6.8
		1977-78	-	-	1042	35.2	1729	58.4	132	6.4	2963	100.0	2963	5.7
		1978-79	-	-	1041	35.5	1719	58.6	172	5.9	2932	100.0	2932	5.7
9.	Kalel	1973-74	1066	37.2	50	1.3	1727	60.3	20	0.7	2863	100.0	4829	15.1
		1974-75	1340	37.1	20	0.5	2233	61.3	20	0.6	3613	100.0	4936	16.0
		1975-76	1160	36.0	75	2.3	1960	59.9	25	0.8	3220	100.0	5080	17.0
		1976-77	1090	39.9	110	3.0	2362	65.1	60	1.9	3631	100.0	4657	14.8
		1977-78	1110	45.1	324	13.2	1027	41.7	-	-	2461	100.0	3076	10.3
		1978-79	1803	52.0	200	5.8	1400	40.3	66	1.9	3469	100.0	4139	14.2
10.	Halel (Excl.T.P.)	1973-74	-	-	101	9.6	946	90.4	-	-	1047	100.0	1047	3.3
		1974-75	-	-	184	17.7	853	82.3	-	-	1037	100.0	1037	4.1
		1975-76	-	-	200	16.4	1017	83.6	-	-	1217	100.0	1217	3.7
		1976-77	-	-	200	14.4	1190	85.6	-	-	1390	100.0	1590	6.9
		1977-78	-	-	173	9.6	1388	74.6	294	15.8	1860	100.0	1860	7.5
		1978-79	-	-	185	10.0	1377	74.6	284	15.4	1846	100.0	1846	7.4

(5)

## STATEMENT NO. 23 (Contd.)

Sr. No.	Taluka	Year	Canals		Tanks		Wells		Other Sources		Net Area Irrigated		Gross Area Irrigated	% of Gross Area irrigated to Gross area shown
			Area	%	Area	%	Area	%	Area	%	Area	%		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
11.	Shihora	1973-74	-	-	470	36.3	860	64.7	-	-	1330	100.0	1330	4.2
		1974-75	-	-	105	7.9	1230	92.1	-	-	1335	100.0	1375	4.8
		1975-76	-	-	135	8.6	1435	91.4	-	-	1570	100.0	1670	5.7
		1976-77	-	-	137	8.0	1574	92.0	-	-	1711	100.0	1821	5.9
		1977-78	-	-	200	9.5	1802	90.5	112	5.3	2114	100.0	2240	7.5
		1978-79	-	-	250	10.6	2000	41.6	100	4.3	2350	100.0	2535	8.2
12.	Lunawada	1973-74	170	2.8	395	6.5	5445	89.4	80	1.3	6090	100.0	6220	10.3
		1974-75	200	3.0	510	7.6	5675	84.6	325	4.8	6710	100.0	6980	12.2
		1975-76	200	2.8	500	7.0	6478	90.2	-	-	7178	100.0	7478	12.6
		1976-77	200	2.7	500	6.8	6615	90.5	-	-	7315	100.0	7665	12.9
		1977-78	2000	46.7	500	11.7	1734	41.0	-	-	4284	100.0	5159	8.6
		1978-79	5287	69.6	500	3.0	1811	23.8	-	-	7598	100.0	8473	13.9
13.	Jambughoda	1973-74	-	-	8	3.3	237	96.7	-	-	245	100.0	245	3.8
		1974-75	-	-	10	3.6	264	96.4	-	-	274	100.0	274	4.3
		1975-76	-	-	20	5.3	355	94.7	-	-	375	100.0	375	5.5
		1976-77	-	-	-	-	464	100.0	-	-	464	100.0	464	6.5
		1977-78	-	-	13	4.2	299	95.8	-	-	312	100.0	312	4.5
		1978-79	-	-	10	2.2	429	94.9	13	2.9	452	100.0	452	6.5

(6)

STATEMENT NO.26(Contd.)

Sr. No.	Taluka	Year	Canals		Tanks		Wells		Other Sources		Net area Irrigated		Gross Area Irrigated	% of Gross Area sown
			Area	%	Area	%	Area	%	Area	%	Area	%		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
Sub-Total		1973-74	1236	8.3	1340	9.0	12016	80.5	330	2.2	14922	100.0	17168	7.9
		1974-75	1540	9.4	1241	7.6	13100	80.2	455	2.8	16336	100.0	17969	9.0
		1975-76	1360	8.0	1180	7.0	14216	84.1	144	0.9	16900	100.0	19210	9.1
		1976-77	1290	7.1	1457	8.1	15177	83.8	187	1.0	18111	100.0	19797	9.7
		1977-78	3110	22.2	2257	16.1	8029	57.4	598	4.3	13994	100.0	15619	7.7
	1978-79	7090	38.0	2186	11.7	8736	46.9	635	3.4	18647	100.0	26377	9.9	
Dist.Total		1973-74	4144	16.3	3415	13.4	17297	68.1	561	2.2	25417	100.0	27753	6.0
		1974-75	4119	15.6	3348	12.7	18164	68.9	737	2.8	26388	100.0	28121	5.4
		1975-76	4693	16.3	3830	11.6	20106	76.0	594	2.1	28723	100.0	31253	5.8
		1976-77	4840	15.6	3827	12.3	21796	76.0	658	2.1	31121	100.0	33775	6.1
		1977-78	7988	25.4	4712	16.9	15156	54.5	895	3.2	27851	100.0	29773	5.5
	1978-79	12310	34.3	4642	12.9	17659	45.2	1272	3.6	35883	100.0	38127	7.1	

STATEMENT NO. 27

Dist. Paanchmahals		No. of Diesel Oil Engines, Electric Motors & Tractors.				Year-1972	
Sr. No.	Taluka	Diesel Oil Engines with pump		Electric motor with pumps		Tractors	
		Number	Per 1000 hect. net area cultivated	Number	Per 1000 hect. net area cultivated	Number	Per 1000 hect. net area cultivated
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Shantrampur	164	2.3	38	0.5	1	0.0
2.	Jhalod	239	5.0	17	0.4	2	0.0
3.	Dahad	54	1.1	-	-	2	0.0
4.	Limbkheda	46	1.0	32	0.7	-	-
5.	Dev.Baria	159	2.6	27	0.4	1	0.0
<u>Sub-Total</u>		662	2.4	114	0.4	6	0.0
<u>Non-Tribal Area</u>							
6.	Gadhra	656	10.6	62	1.0	7	0.1
7.	Kalol	413	15.3	131	4.8	9	0.3
8.	Halol	491	16.1	46	1.5	-	0.0
9.	Shohra	436	15.8	2	0.1	-	-
10.	Lunawada	720	12.5	97	1.7	2	0.0
11.	Jambughoda	111	20.1	-	-	1	0.2
<u>Sub-Total</u>		2877	13.5	338	1.6	19	0.1
<u>Dist. Total</u>		3539	7.3	452	0.9	25	0.1

Dist. Panchmahals

STATEMENT NO.28

Year-1977

No. of Diesel Oil Engines, Electric Motors & Tractors.

Sr. No.	Taluka	Diesel Oil Engines with pumps		Electric Motors with pumps		Tractors	
		Number	Per 1000 net area cultivated during 1975-76	Number	Per 1000 net area cultivated during 1975-76	Number	Per 1000 net area cultivated during 1975-76
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Shantrampur	904	12.9	114	1.6	0	-
2.	Jhalod	405	8.9	65	1.4	0	-
3.	Dohad	103	2.1	11	0.2	3	0.2
4.	Limkheda	133	4.1	5	0.1	1	0.0
5.	Dev.Baria	355	5.8	42	0.7	1	0.0
Sub-Total		1960	7.2	237	0.9	10	0.0
<u>Non-Tribal Area</u>							
6.	Godhra	1149	15.6	225	3.6	20	0.3
7.	Kalol	591	21.0	283	10.1	4	0.1
8.	Halol	747	23.8	93	3.0	1	0.0
9.	Shchra	638	22.4	48	1.7	4	0.1
10.	Lunawada	2557	46.0	225	4.0	9	0.2
11.	Jambughoda	189	27.9	25	3.7	4	0.6
Sub-Total		5871	27.7	899	4.2	42	0.2
Dist. Total		7821	16.2	1136	2.4	52	0.1

## Distribution of Improved Seeds &amp; Chemical Fertilizers.

Sr. Taluka No.	Improved seeds		Chemical Fertilizers		
	quantity (kgs.)	Per hect. of Gross area sown	quantity (kgs.)	Per hect. of Gross area sown	
1.	2.	3.	4.	5.	6.
<u>Tribal Area</u>					
1. Santrampur	316700	3.65	354500	4.00	
2. Jhalod	241200	4.00	172200	2.85	
3. Dahad	1770700	27.16	323400	4.96	
4. Limkheda	423100	8.58	461100	9.35	
5. Dev. Baria	506300	7.83	551300	8.52	
6. Kathola Pocket (Halol)	33950	N.A.	43910	N.A.	
7. Mera Pocket (Godhra)	52400	3.77	78400	5.65	
<u>Sub-Total</u>	<u>3344350</u>	<u>9.83</u>	<u>1984810</u>	<u>5.83</u>	
<u>Non-Tribal Area</u>					
8. Godhra (Excl. T.F.)	431700	8.15	685100	12.93	
9. Kalol	376000	11.79	1210100	37.94	
10. Halol (Excl. T.F.)	332550	10.53	277990	8.85	
11. Shchera	421300	12.92	1042600	31.93	
12. Lunavada	87400	1.42	4107400	66.96	
13. Jambugheda	72000	11.23	91700	14.30	
<u>Sub-Total</u>	<u>1721450</u>	<u>7.94</u>	<u>7414890</u>	<u>34.22</u>	
<u>Dist. Total</u>	<u>5065800</u>	<u>9.09</u>	<u>9399700</u>	<u>16.83</u>	



Dist. Paachmahals.

STATEMENT NO.30

Distribution of Improved Seeds & Chemical Fertilisers.

(1976-77 to 1978-79)

Sr. No.	Taluka	Improved Seeds			Per hect. of gross area sown			Chemical fertilizers			Per hect. of gross area sown		
		Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	Quantity (Kgs.)	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1.	Santrampur	407600	4641900	12562800	5.2	59.4	159.6	239000	60000	156000	3.0	0.8	2.0
2.	Jhalod	154600	942200	23936600	2.7	15.8	413.1	177000	1330000	492000	3.0	22.4	8.5
3.	Dahod	539500	458000	35255300	8.2	7.1	547.7	41000	379000	847000	0.6	4.9	13.1
4.	Limkheda	847700	960500	15049000	16.9	20.1	390.6	148000	48000	71860000	3.0	1.0	1435.6
5.	Dev.Baria	596300	437500	23265700	9.1	6.6	354.6	494000	50000	512000	7.6	0.8	7.8
6.	Kathola Pocket (Halol)	378600	41430	41674	5.4	7.0	6.0	51990	17053	77670	7.4	2.4	11.2
7.	Mora Pocket (Godhra)	72700	87500	101800	5.7	7.0	8.7	129800	19000	165970	10.2	1.5	14.1
<u>Sub-Total</u>		<u>2656260</u>	<u>7569030</u>	<u>110212874</u>	<u>7.9</u>	<u>22.5</u>	<u>328.4</u>	<u>1280790</u>	<u>1843333</u>	<u>74130570</u>	<u>3.6</u>	<u>5.5</u>	<u>220.9</u>
<u>Non-Tribal Area</u>													
8.	Godhra (Excl.T.P.)	74800	514100	31198400	1.4	10.0	601.2	3924200	76000	373100	74.5	1.5	7.2
9.	Kalol	309300	572900	15294500	9.3	19.2	521.2	897000	398000	499000	25.6	13.3	17.0
10.	Halol (Excl.T.P.)	139140	1364470	21202126	6.0	55.2	845.6	143010	34667	299330	6.2	1.4	11.9
11.	Shchra	2225300	1320100	6799800	72.3	61.0	219.8	135000	120000	525000	6.0	4.0	17.0
12.	Lunawada	213200	85613400	30909000	3.6	1433.3	507.9	698000	314000	1443000	11.7	5.3	23.7
13.	Jambughoda	84800	365100	3622700	12.0	52.9	519.9	10000	38000	58707000	1.4	5.5	8425.2
<u>Sub-Total</u>		<u>3046540</u>	<u>90250070</u>	<u>109026526</u>	<u>14.9</u>	<u>445.2</u>	<u>531.7</u>	<u>5767210</u>	<u>980667</u>	<u>61846430</u>	<u>28.2</u>	<u>4.8</u>	<u>301.6</u>
<u>Dist.Total</u>		<u>5702800</u>	<u>97819100</u>	<u>219238400</u>	<u>10.5</u>	<u>181.4</u>	<u>405.5</u>	<u>7043000</u>	<u>2824000</u>	<u>135977000</u>	<u>13.0</u>	<u>5.2</u>	<u>251.5</u>

STATEMENT NO.31

Dist. Paanchmahals                      Distribution of Insecticides & Pesticides.                      1973-74

Sr. No.	Taluka	POWDER		LIQUIDE	
		Quantity (Kgs.)	Per hect. of Gross area sown	Quantity (Litre)	Per hect. of Gross area sown
1.	2.	3.	4.	5.	6.
<u>Tribal Area</u>					
1.	Santrampur	3533	0.04	114	N
2.	Jhalod	435	0.01	42	N
3.	Dahad	2272	0.03	94	N
4.	Limkheda	1299	0.03	143	N
5.	Dev.Baria	3771	0.06	79	N
6.	Kathola Pocket (Halol)	1360	NA	20	NA
7.	Mora Pocket (Gachra)	242	0.02	150	0.01
<u>Sub-Total</u>		<u>12965</u>	<u>0.04</u>	<u>538</u>	<u>N</u>
<u>Non-Tribal Area</u>					
8.	Gachra (Excl.TP)	18135	0.34	39131	0.74
9.	Kalol	9850	0.31	25100	0.79
10.	Halol (Excl.TP)	5226	0.17	2318	0.07
11.	Shchera	812	0.02	363	0.01
12.	Lunawada	13465	0.30	6467	0.11
13.	Jambughoda	5233	0.82	1322	0.21
<u>Sub-Total</u>		<u>57744</u>	<u>0.27</u>	<u>74701</u>	<u>0.34</u>
<u>Dist.Total</u>		<u>70709</u>	<u>0.13</u>	<u>75299</u>	<u>0.14</u>

N = Negligible

## STATEMENT NO.32

Dist. Paanchmahals.		Number of Cows & Buf-faloes used for milk & breeding purposes.										Year-1972	
Sr. No.	Name of Talukas	Cows				% of cattle in milk to total in Cal. Chuman popula-tion.	No. of cows in milk per 1000 of human popula-tion.	SHH BUFFALOES				% of cattle in milk to total in Cal. 12	No. of cows in milk per 1000 of human popula-tion.
		In milk	Dry	Not calved	Total			In milk	Dry	Not calved	Total		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1.	Santrampur	11606	17514	2573	31693	36.6	46.9	14174	14966	3031	32171	44.1	57.3
2.	Jhalod	6384	16420	2095	25499	27.4	44.0	3630	4989	881	9500	38.2	22.8
3.	Dhad	11080	17844	3337	32261	34.3	47.0	3522	5665	1222	12409	28.4	14.9
4.	Limkheda	7228	13308	2339	22875	31.6	44.3	5265	7115	1562	13942	37.8	32.3
5.	Dev. Baria	6173	12145	3426	21744	28.4	28.1	7361	9607	3246	20214	36.4	33.6
6.	Kathola Pocket (Halol)	1638	1677	247	3562	46.0	54.2	826	1421	225	2472	33.4	27.3
7.	Mora Pocket (Godhra)	1307	3530	189	5026	26.0	32.3	1068	1979	228	3275	32.6	26.4
<u>Sub-Total</u>		<u>46016</u>	<u>82438</u>	<u>14206</u>	<u>142660</u>	<u>32.3</u>	<u>42.0</u>	<u>37846</u>	<u>45742</u>	<u>10395</u>	<u>93983</u>	<u>40.3</u>	<u>34.6</u>
<u>Non-Tribal Area</u>													
8.	Godhra (Excl. TF)	5281	10589	1962	17832	29.6	23.1	6352	6714	1437	14503	43.8	27.7
9.	Kalol	1908	2819	447	5174	36.9	16.1	4813	4078	559	9450	50.9	40.7
10.	Halol (Excl. TF)	917	3230	625	4772	19.2	19.7	2179	2918	527	5624	38.7	25.5
11.	Shehra	3703	8519	1172	13394	27.6	32.7	4160	5691	912	10763	38.6	36.7
12.	Lunawada	3999	7503	1226	12728	31.4	21.5	14882	13726	2535	31143	47.8	79.9
13.	Jambughoda	379	1259	424	2062	18.4	17.6	455	782	288	1525	29.8	21.1
<u>Sub-Total</u>		<u>16187</u>	<u>33919</u>	<u>5856</u>	<u>55962</u>	<u>28.9</u>	<u>21.5</u>	<u>32841</u>	<u>33909</u>	<u>6258</u>	<u>73008</u>	<u>45.0</u>	<u>43.6</u>
<u>Dist. Total</u>		<u>62203</u>	<u>116357</u>	<u>20062</u>	<u>198622</u>	<u>31.3</u>	<u>33.6</u>	<u>70687</u>	<u>79651</u>	<u>16653</u>	<u>166991</u>	<u>42.3</u>	<u>38.2</u>

## STATEMENT NO.32-a

Dist. Panchmahals.

Year-1972

## Cattle Census - 1972

Sr. No.	Cattle				Buffaloes				Others			Total Live-stock		
	Male over 3 years	Female over 3 years	Young Stock	Total cattle	Male over 3 years	Female over 3 years	Young Stock	Total Buffaloes	Sheep	Goats	Others			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
<u>Tribal Area</u>														
1. Santampur	74860	31789	24690	131339	686	32355	24703	57744	274	76076	2104	78454	267537	
2. Jhalad	43506	25555	29872	99933	403	9520	6052	15975	1783	29667	875	32325	136293	
3. Dhad	52352	32287	29086	113725	320	12447	7929	20696	3310	33265	772	37347	166763	
4. Limkheda	54318	23900	19260	96638	117	14003	10220	24340	314	51902	411	52627	173695	
5. Dev. Baria	63194	21833	13938	98965	272	29337	11694	32503	26	51460	593	52084	183552	
6. Mora-Pocket (Gadhra)	12971	5029	4243	22243	6	3276	2416	5698	43	10746	254	11043	36984	
7. Katala-Pocket (Halal)	6106	2998	2783	11887	27	2207	1557	3791	-	5543	34	5577	21255	
<u>Sub-Total</u>	<u>307357</u>	<u>142551</u>	<u>111872</u>	<u>561790</u>	<u>1321</u>	<u>94145</u>	<u>64771</u>	<u>160747</u>	<u>5750</u>	<u>258659</u>	<u>5048</u>	<u>269457</u>	<u>901994</u>	
<u>Non-Tribal Area</u>														
8. Gadhra (Excl. TF)	39641	17861	14794	72296	117	14505	10210	24832	275	26748	913	27936	125064	
9. Katalal	16573	5180	4577	26270	107	9455	6724	16286	41	6171	743	6960	49516	
10. Halal (Excl. TF)	11402	5468	5177	22067	52	5949	4194	10195	20	6251	313	6584	38346	
11. Shchora	29070	13422	10130	52622	120	10770	3005	18895	12	22901	368	23281	94798	
12. Lunawada	44684	13061	8166	65911	65	31262	22822	54209	60	27794	2291	30145	150265	
13. Jambughada	4284	2066	2184	8534	19	1531	948	2548	71	5069	52	5192	16274	
<u>Sub-Total</u>	<u>145584</u>	<u>57078</u>	<u>45028</u>	<u>247700</u>	<u>480</u>	<u>73472</u>	<u>53013</u>	<u>126965</u>	<u>479</u>	<u>94934</u>	<u>4685</u>	<u>100098</u>	<u>474763</u>	
<u>Dist. Total</u>	<u>452961</u>	<u>199629</u>	<u>156900</u>	<u>809490</u>	<u>2311</u>	<u>167617</u>	<u>117784</u>	<u>287712</u>	<u>6229</u>	<u>353593</u>	<u>9733</u>	<u>369555</u>	<u>1466757</u>	

STATEMENT NO. 33

Dist. Panchmahals. Number of Cows & Buffaloes used for milk & breeding purposes. Year-1977													
Sr. No.	Name of Talukas	C C W S				% of cattle in milk to total in Col. 6	No. of cows in milk per 1000 of human population.	SHE BUFFALCES				% of buffaloes in milk to total in Col. 12	No. of buffaloes in milk per 1000 of human population.
		In milk	Dry	Not calved	Total			In milk	Dry	Not calved	Total		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1.	Sant rampur	10968	14166	1928	27062	40.5	44.3	13456	13524	2358	29338	45.0	51.4
2.	Jhalod	9506	15427	3236	28169	33.7	59.3	3915	5079	1466	10460	37.4	21.6
3.	Dohad	9491	18959	3597	32047	29.6	40.2	5362	5847	1448	12657	42.4	22.7
4.	Limkheda	6612	13434	2742	22788	29.0	40.6	5717	7730	2047	15494	36.0	35.1
5.	Dev. Baria	5630	11423	3121	20174	27.0	25.7	6810	9905	3268	19983	34.1	31.0
6.	Kathola Pocket (Halol)	1638	1677	247	3562	46.0	54.2	826	1421	225	2472	33.4	27.3
7.	Mera Pocket (Godhra)	2427	2057	536	5020	46.3	60.0	1499	1486	375	3360	44.6	37.1
<u>Sub-Total</u>		<u>46272</u>	<u>77143</u>	<u>15407</u>	<u>138822</u>	<u>33.3</u>	<u>42.3</u>	<u>37585</u>	<u>44992</u>	<u>11137</u>	<u>93764</u>	<u>40.1</u>	<u>34.3</u>
<u>Non-Tribal Area</u>													
8.	Godhra (Excl. TF)	5798	9737	1773	17308	33.5	25.3	6493	7069	1910	15472	42.0	28.1
9.	Kalol	1764	3128	661	5553	31.8	14.9	5436	4651	750	10837	50.2	46.0
10.	Halol (Excl. TF)	1070	3070	532	4672	22.9	12.5	2972	2971	721	6664	44.6	34.3
11.	Shchra	4781	6084	326	11691	40.9	42.2	5248	4620	999	10857	43.3	46.3
12.	Lunawada	4469	6191	1440	12100	36.9	24.0	16215	13267	4235	33717	43.1	37.1
13.	Jambughoda	490	1358	279	2127	23.0	22.8	438	782	204	1474	33.1	22.7
<u>Sub-Total</u>		<u>13372</u>	<u>29568</u>	<u>5511</u>	<u>56451</u>	<u>34.4</u>	<u>24.4</u>	<u>36852</u>	<u>33360</u>	<u>8319</u>	<u>79031</u>	<u>46.6</u>	<u>43.9</u>
<u>Dist. Total</u>		<u>64644</u>	<u>106711</u>	<u>20918</u>	<u>192273</u>	<u>33.6</u>	<u>35.0</u>	<u>74437</u>	<u>78352</u>	<u>20006</u>	<u>172795</u>	<u>43.1</u>	<u>40.3</u>

Dist. Panchmahals.

STATEMENT NO. 33-a

-161-

Year-1977

## Cattle Census-1977

Str. Taluka		Cattle				Buffaloes				Others			Total	
No.		Male over 3 years	Female over 3 years	Young Stock	Total cattle	Male over 3 years	Female over 3 years	Young Stock	Total Buff- aloes	Sheep	Goats	Others	Total	live- stock
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.
<u>Tribal Area</u>														
1.	Santrampur	73163	27099	19546	119808	215	29573	19781	49569	263	72491	2369	75123	244500
2.	Jhalad	42967	28187	22299	93453	95	10468	3965	13523	1829	38878	1045	41752	154733
3.	Dhad	50817	32243	25034	108099	328	12707	7495	20530	4793	40587	1289	46669	175298
4.	Limkheda	53140	22798	17549	93487	192	15499	10290	25981	193	51533	334	52060	171528
5.	Ocv. Baria	60956	20179	15431	96566	107	19937	13629	33733	4	66524	1050	67578	197877
6.	Kathala Pocket (Halol)	5749	2820	2240	10809	4	2475	1303	3782	11	5532	18	5561	20152
7.	Mora Pocket (Godhra)	12205	5059	4179	21443	85	3384	2292	5761	120	13576	149	13845	41049
<u>Sub-Total</u>		<u>298937</u>	<u>138390</u>	<u>106278</u>	<u>543665</u>	<u>1026</u>	<u>94103</u>	<u>63755</u>	<u>158884</u>	<u>7213</u>	<u>289121</u>	<u>6254</u>	<u>302588</u>	<u>1005137</u>
<u>Non-Tribal Area</u>														
8.	Godhra (Excl. TP)	37003	17357	13855	68215	209	15593	9712	25429	1062	27803	5383	34248	127892
9.	Kalol	15392	5590	3740	24731	41	10841	7402	18284	418	6746	1105	8269	51284
10.	Halol (Excl. TP)	10659	5418	4701	20778	14	6710	4391	11115	41	6370	263	6674	38567
11.	Shchera	28034	11723	8074	47831	27	10993	6862	17887	29	18113	200	18342	84060
12.	Lunavada	41951	12154	7149	61254	112	33771	21079	54962	213	28162	2621	30996	147212
13.	Jambugheda	4096	2130	1928	8154	30	1506	1188	2724	1	5133	42	5176	16054
<u>Sub-Total</u>		<u>137135</u>	<u>54372</u>	<u>39456</u>	<u>230963</u>	<u>433</u>	<u>79334</u>	<u>50634</u>	<u>130401</u>	<u>1764</u>	<u>92327</u>	<u>9614</u>	<u>103705</u>	<u>465069</u>
<u>Dist. Total</u>		<u>436132</u>	<u>192762</u>	<u>145734</u>	<u>774628</u>	<u>1459</u>	<u>173437</u>	<u>114389</u>	<u>289285</u>	<u>8977</u>	<u>381448</u>	<u>15868</u>	<u>406293</u>	<u>1470206</u>

STATEMENT NO. 34

Dist. Panchmahals.		Number of Bullocks					Year-1972
Sr. No.	Talukas	Used for breeding only	Used for breeding and work both	Used for work only	Not in use for breeding or work	Total	No. of Bullocks use for work per 1000 hect. for cultivated land (Gross area sown)
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Santrampur	46	265	74294	255	74860	834.3
2.	Jhalod	30	944	42110	432	43566	705.5
3.	Dahad	20	447	51438	447	52352	822.0
4.	Limkheda	2	1130	53010	117	54318	1041.6
5.	Dev. Baria	4	13	63149	28	63194	983.0
<u>Sub-Total</u>		<u>102</u>	<u>2349</u>	<u>234010</u>	<u>1329</u>	<u>238290</u>	<u>870.0</u>
<u>Non-Tribal Area</u>							
6.	Godhra	13	112	52220	253	52612	777.3
7.	Kalol	4	32	16434	43	16513	537.6
8.	Halol	2	2	17473	23	17508	529.1
9.	Shikra	7	10	29041	12	29070	890.4
10.	Lunawada	13	24	44549	95	44684	717.2
11.	Jambughoda	1	10	4250	23	4284	641.6
<u>Sub-Total</u>		<u>43</u>	<u>100</u>	<u>163979</u>	<u>459</u>	<u>164671</u>	<u>706.4</u>
<u>Dist. Total</u>		<u>145</u>	<u>3039</u>	<u>447989</u>	<u>1788</u>	<u>452961</u>	<u>802.0</u>

STATEMENT No. 35

Dist. Panchmahals.		Number of Bullocks.				Year-1977	
Sl. No.	Talukas	Used for breeding only	Used for breeding and work bath	Used for work only	Not in use for breeding or work	Total	No. of Bullocks use for work per 1000 hect. of cultivated & rga(Gross area sown)
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Surtanpur	4	69	73050	40	73163	885.0
2.	Jhalad	4	109	42757	97	42967	730.7
3.	Uhad	13	11	50704	89	50817	795.4
4.	Linkhoda	18	-	53196	13	53140	1110.8
5.	Dav.Daria	11	1	60939	5	60956	1255.2
6.	Kathala Pocket (Halol)	-	-	3436	2	3438	N.A.
7.	Mora Pocket (Godhra)	-	-	12490	15	12505	974.6
<u>Sub-Total</u>		<u>50</u>	<u>190</u>	<u>296482</u>	<u>264</u>	<u>296936</u>	<u>898.7</u>
<u>Non-Tribal Area</u>							
8.	Godhra (Excl. TP)	30	1	36616	56	36703	701.6
9.	Kalol	13	1	15365	13	15392	512.9
10.	Halol (Excl. TP)	11	-	12934	25	12970	397.5
11.	Shehara	4	9	28005	16	28034	957.8
12.	Lunavada	2	-	41653	296	41951	701.8
13.	Jambughoda	5	-	4083	8	4096	597.3
<u>Sub-Total</u>		<u>65</u>	<u>11</u>	<u>138656</u>	<u>414</u>	<u>139146</u>	<u>659.9</u>
<u>Dist. Total</u>		<u>115</u>	<u>201</u>	<u>435138</u>	<u>678</u>	<u>436132</u>	<u>805.8</u>



STATEMENT NO.36

Dist. Panchmahals. Number of Milk Supply Societies. Year 1973-74

Sr. No.	Name of Talukas	No. of societies	No. of members	Total Business handled (In Rs. '000)	
				Purchase	Sales
1.	2.	3.	4.	5.	6.
<u>Tribal Area</u>					
1.	Santampur	-	-		
2.	Jhalod	-	-		
3.	Dhad	4	205		
4.	Limbhoda	-	-		
5.	Dev.Baria	-	-		
<u>Sub-Total</u>		<u>4</u>	<u>205</u>		
<u>Non-Tribal Area</u>					
6.	Gadhra	9	276		
7.	Kalol	31	2349		
8.	Halol	5	268		
9.	Shchora	-	-		
10.	Lunavada	27	3263		
11.	Jambughoda	-	-		
<u>Sub-Total</u>		<u>72</u>	<u>6156</u>		
Dist. Total		76	6361		

NA

NA

STATEMENT NO.37

Dist. Paachmahals		No. of Milk Supply Societies.						1976-77 to 1978-79					
Sr. Name of Talukas		No. of Societies			No. of Members			Total Business handled					
No.		1976-77	1977-78	1978-79	1976-77	1977-78	1978-79	Purchase (Rs.)			Sales (Rs.)		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
<u>Tribal Area</u>													
1.	Santampur	-	15	15	-	190	200						
2.	Jhalod	-	-	-	-	-	-						
3.	Dhad	-	-	-	-	-	-						
4.	Limbheda	-	-	-	-	-	-						
5.	Dev. Baria	-	23	23	-	270	250						
6.	Kath. la Pocket (Halol)	-	-	-	-	-	-						
7.	Mora Pocket (Godhra)	-	-	-	-	-	-						
Sub-Total		-	38	38	-	460	480						
<u>Non-Tribal Area</u>													
8.	Godhra (Excl. TP)	13	13	13	150	165	180						
9.	Kal I	25	32	35	275	360	400						
10.	Halol (Excl. TP)	4	3	11	50	100	125						
11.	Shohera	6	6	6	75	80	90						
12.	Lunavada	49	78	86	550	880	990						
13.	Jambughoda	-	-	-	-	-	-						
Sub-Total		97	137	151	1100	1585	1785						
Dist. Total		97	175	189	1100	2045	2265	4640218	7804642	12487193	5091625	8251671	13194665

NA

## STATEMENT NO.38

Dist. Paanchmahals.		Number of Poultry							Year-1972	
Sl. No.	Name of Taluka	Fowls, Hens, Cocks & Chicken			Ducks, Darks & Duckling			Others	Total Poultry	No. of Poultry birds per 1000 of human population
		Beshi	Improved	Total	Beshi	Improved	Total			
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Santrampur	88343	802	89145	-	163	163	-	89308	361.1
2.	Jhalad	51580	1093	52673	-	74	74	-	52747	332.0
3.	Dahad	44860	2045	46905	35	-	35	-	46940	199.0
4.	Limkheda	79835	239	80074	-	-	-	-	80074	491.2
5.	Dev. Baria	72462	196	72658	-	-	-	-	72658	331.2
6.	Kathla Pocket (Halol)	13972	3	13975	-	-	-	-	13975	462.7
7.	Mera Pocket (Godhra)	26010	-	26010	2	-	2	-	26012	643.1
<u>Sub-Total</u>		<u>377062</u>	<u>4378</u>	<u>381440</u>	<u>37</u>	<u>237</u>	<u>274</u>	<u>-</u>	<u>381714</u>	<u>348.6</u>
<u>Non-Tribal Area</u>										
8.	Godhra (Excl. TF)	20067	178	20243	569	-	569	-	20812	90.9
9.	Kalol	3174	293	3467	-	-	-	-	3467	29.3
10.	Halol (Excl. TF)	8396	85	8481	15	-	15	-	8496	99.4
11.	Shchera	18630	293	18923	3	-	3	-	18931	167.1
12.	Lunavada	27014	140	27154	11	-	11	-	27165	145.8
13.	Jambughoda	8557	807	9364	-	-	-	-	9364	435.3
<u>Sub-Total</u>		<u>85838</u>	<u>1799</u>	<u>87637</u>	<u>598</u>	<u>-</u>	<u>598</u>	<u>-</u>	<u>88235</u>	<u>117.1</u>
<u>Dist. Total</u>		<u>462900</u>	<u>6177</u>	<u>469077</u>	<u>635</u>	<u>237</u>	<u>872</u>	<u>-</u>	<u>469949</u>	<u>254.2</u>

STATEMENT NO.39

Dist-Panchmahals		Number of Poultry							Year-1977	
Sr. Taluka No.		Fowls	Hens	Cocks & Chickens Total	Ducks	Drackos	Duckling Total	Others	Total poultry	No. of Poultry birds per 1000 of human population
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Santampur	110906	1809	112715	1832	33	1865	-	114580	463.3
2.	Jhalod	77760	1035	78845	137	-	137	-	78982	407.2
3.	Dahad	82748	8960	91708	676	20	696	10	92414	391.7
4.	Limkheda	97412	567	97979	-	-	-	-	97979	601.0
5.	Dcv. Baria	126410	434	126844	20	-	20	-	126864	678.3
6.	Kathola Pocket (Hal-1)	7609	3	7612	-	-	-	-	7612	252.0
7.	Mora Pocket (Godhra)	43194	8	43202	-	-	-	-	43202	1068.0
<u>Sub-Total</u>		<u>546039</u>	<u>12866</u>	<u>558905</u>	<u>2665</u>	<u>53</u>	<u>2718</u>	<u>10</u>	<u>561633</u>	<u>512.8</u>
<u>Non-Tribal Area</u>										
8.	Godhra (Excl. TP)	33366	3338	36704	538	2	540	-	37244	162.7
9.	Kalol	6958	34	6992	53	-	53	-	7045	59.6
10.	Halol (Excl. TP)	6938	1270	8208	3	-	3	-	8211	96.1
11.	Shohera	31781	26	31807	-	-	-	-	31807	280.8
12.	Lunavada	43423	769	44192	334	-	334	-	44526	239.1
13.	Jambughoda	10313	-	10313	6	-	6	-	10319	480.0
<u>Sub-Total</u>		<u>132779</u>	<u>5437</u>	<u>138216</u>	<u>934</u>	<u>2</u>	<u>936</u>	<u>-</u>	<u>139152</u>	<u>184.6</u>
<u>Dist. Total</u>		<u>678818</u>	<u>18303</u>	<u>697121</u>	<u>3599</u>	<u>55</u>	<u>3654</u>	<u>10</u>	<u>700785</u>	<u>379.0</u>

STATEMENT NO. 40

Dist. Panchmahals		No. of Veterinary Institution & Personnel. (1973-74 & 1978-79)															
Sr. No. of Talukas	No.	Hospitals		Dispensary		Veterinary First Aid		Artificial Insemination Centres.		Artificial Insemination Sub-Centres.		Personnel					
		1973	1978	1973	1978	1973	1978	1973	1978	1973	1978	Veterinary Officer		Stockman			
		-74	-79	-74	-79	-74	-79	-74	-79	-74	-79	-74	-79	-74	-79	-74	-79
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.		
<u>Tribal Area</u>																	
1.	Santrapur	-	-	2	2	7	8	-	-	-	-	1	1	7	6		
2.	Jhalod	-	-	1	1	6	6	-	-	-	-	1	1	6	5		
3.	Dhad	-	-	1	1	6	6	-	-	-	-	1	1	6	6		
4.	Limkhoda	-	-	1	1	4	4	-	-	-	-	1	1	4	3		
5.	Dev. Baria	-	-	2	2	7	8	-	-	-	-	1	1	7	8		
6.	Kathola Pocket (Halol)	-	-	-	-	1	1	-	-	-	-	-	-	1	-		
7.	Mora Pocket (Godhra)	-	-	-	-	1	1	-	-	-	-	-	-	1	-		
	<u>Sub-Total</u>	-	-	7	7	32	34	-	-	-	-	5	5	32	28		
<u>Non-Tribal Area</u>																	
8.	Godhra (Excl. TP)	-	-	1	1	3	3	1	1	-	-	1	1	3	3		
9.	Kalol	-	-	1	1	2	2	-	1	1	3	1	1	2	2		
10.	Halol (Excl. TP)	-	-	1	1	1	2	-	-	1	1	1	1	1	2		
11.	Sachera	-	-	1	1	2	2	-	-	-	-	1	1	2	2		
12.	Lunavada	-	-	1	1	5	5	-	-	-	-	1	1	5	5		
13.	Jambughoda	-	-	1	1	1	1	-	-	-	-	1	1	1	1		
	<u>Sub-Total</u>	-	-	6	6	14	15	1	2	2	4	6	6	14	16		
	<u>Dist. Total</u>	-	-	13	13	46	49	1	2	2	4	11	11	46	44		

STATEMENT NO.41

Dist:Panchmahals. No.of working factories & Employment therein. Year-1977.

Sr. No.	Name of Taluka	No. of working factories				Average No. of daily workers in the working factories.			
		1965	1970	1973	1977	1965	1970	1973	1977
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
<u>Tribal Area</u>									
1.	Saatrampur	1	1	4	4	25	26	281	132
2.	Jhalod	-	-	-	-	-	-	-	-
3.	Dhad	16	17	18	25	3153	3133	3699	3020
4.	Linkheda	-	-	-	1	-	-	-	179
5.	Dev.Baria	5	5	3	3	113	66	34	84
6.	Kathola Pocket (Halol)	-	-	-	-	-	-	-	-
7.	Mora Pocket (Godhra)	-	-	-	-	-	-	-	-
<u>Sub-Total</u>		<u>22</u>	<u>23</u>	<u>25</u>	<u>33</u>	<u>3296</u>	<u>3275</u>	<u>4014</u>	<u>3415</u>
<u>Non-Tribal Area</u>									
8.	Godhra (Excl.TP)	21	23	34	35	1312	843	1292	1104
9.	Kalol	12	12	15	34	488	470	485	1255
10.	Halol (Excl.TP)	17	23	26	31	707	1008	945	985
11.	Shehera	-	-	-	-	-	-	-	-
12.	Lunavada	2	2	2	5	29	22	39	90
13.	Jambughoda	-	-	-	1	-	-	-	12
<u>Sub-Total</u>		<u>52</u>	<u>60</u>	<u>77</u>	<u>106</u>	<u>2536</u>	<u>2343</u>	<u>2761</u>	<u>3446</u>
<u>District Total</u>		<u>74</u>	<u>83</u>	<u>102</u>	<u>139</u>	<u>5332</u>	<u>5618</u>	<u>6775</u>	<u>6861</u>

STATEMENT NO.42

Dist. Panchmahals		Industrial Co-operative Societies.						Year:-1973-74 & 1978-79			
Sr. No.	Name of Talukas	No. of societies		No. of members		Working Capital		Loan Outstanding		Employment for production	
		73-74	78-79	73-74	78-79	73-74	78-79	73-74	78-79	73-74	78-79
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<u>Tribal Area</u>											
1.	Santampur	5	10	148	451	144034	119640	620	15325	23	88
2.	Jhalod	5	5	125	353	167333	73920	1500	54630	9	74
3.	Dohad	6	9	590	752	273148	294510	2733	49540	28	123
4.	Limbhoda	1	3	42	210	8718	70885	-	17600	32	66
5.	Dev. Baria	3	6	189	985	216718	363140	5687	34220	6	309
6.	Kathoda Pocket (Halol)	-	-	-	-	-	-	-	-	-	-
7.	Mora Pocket (Godhra)	-	1	-	72	-	20000	-	-	-	-
<u>Sub-Total</u>		<u>20</u>	<u>34</u>	<u>1094</u>	<u>2823</u>	<u>809951</u>	<u>942095</u>	<u>10540</u>	<u>171365</u>	<u>98</u>	<u>660</u>
<u>Non-Tribal Area</u>											
8.	Godhra (Excl. TP)	6	4	1068	195	236144	185660	4787	40200	34	24
9.	Kalol	6	7	394	481	85324	66390	40512	18625	73	51
10.	Halol (Excl. TP)	3	4	110	136	232602	108290	149388	9630	69	9
11.	Shchera	1	-	18	-	3481	-	-	-	-	-
12.	Lunavada	7	7	374	395	22070	47130	3880	6780	24	82
13.	Jambughoda	2	2	123	136	1584	2528	-	110	91	44
<u>Sub-Total</u>		<u>25</u>	<u>24</u>	<u>2087</u>	<u>1343</u>	<u>661205</u>	<u>409998</u>	<u>198567</u>	<u>75345</u>	<u>291</u>	<u>210</u>
<u>Dist. Total</u>		<u>45</u>	<u>58</u>	<u>3181</u>	<u>4166</u>	<u>1471156</u>	<u>1352093</u>	<u>209107</u>	<u>246710</u>	<u>389</u>	<u>870</u>

STATEMENT NO. 43

Dist. Panchmahals.		No. of villages electrified.			As on 31st March 1974		
Sr. Tahsil No.	Total No. of villages	Total population	No. of villages electrified	population covered by villages electrified	% of villages electrified to total villages	% of population of villages electrified to total population	
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1. Saatrapur	390	238766	23	21925	5.9	9.2	
2. Jhalod	151	158860	11	38960	7.3	24.5	
3. Dohad	119	166704	8	26148	6.7	15.7	
4. Limkheda	243	163013	5	7755	2.1	4.8	
5. Dev.Baria	164	206138	19	39375	10.3	19.1	
6. Kathela Pocket (Halol)	40	30203	-	-	-	-	
7. Mora Pocket (Godhra)	31	40450	4	7354	12.9	18.2	
Sub-Total	1158	1004137	70	141517	6.0	14.1	
<u>Non-Tribal Area</u>							
8. Godhra (Excl.TP)	131	162054	26	57266	19.8	35.3	
9. Kalol	67	107192	30	68611	44.8	61.0	
10. Halol (Excl.TP)	82	66078	18	27265	22.0	41.3	
11. Shehora	82	113259	15	31228	18.3	27.6	
12. Lunavada	328	167401	27	35342	8.2	21.1	
13. Jambughoda	55	21513	9	6229	16.4	29.0	
Sub-Total	745	637497	125	225941	16.8	35.0	
Dist. Total	1903	1641634	195	367458	10.2	22.4	



## STATEMENT NO. 44

Dist. Panchmahals.

No. of villages Electrified.

As on 31st March 1979

Sr. No.	Name of Taluka	Total No. of villages	Total population	No. of villages electrified	population covered by electrified villages	% of villages to total electrified villages	% of population of villages electrified to total population
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Santampur	390	238736	56	53220	14.4	24.4
2.	Jhald	151	153360	21	43046	13.9	30.2
3.	Dudhad	119	166704	14	37436	11.8	22.5
4.	Linkhoda	243	163016	16	17603	6.6	10.8
5.	Dev. Baria	184	206136	36	63869	19.6	31.0
6.	Kataola Pocket (Halol)	40	30203	-	-	-	-
7.	Mora Pocket (Godhra)	31	40450	3	17860	25.8	44.2
Sub-Total		1158	1004137	151	243039	13.0	24.2
<u>Non-Tribal Area</u>							
8.	Godhra (Excl. TP)	131	162054	53	65093	40.5	40.2
9.	Kalol	67	107192	47	35366	70.1	79.6
10.	Halol (Excl. TP)	82	66078	36	42113	43.9	63.7
11.	Shohra	82	113259	27	69746	32.9	53.6
12.	Lunayada	328	167401	55	51234	16.8	30.6
13.	Jambughoda	55	21513	16	11433	29.1	53.4
Sub-Total		745	637497	234	316045	31.4	49.6
District Total		1903	1641634	385	559084	20.2	34.1

## STATEMENT NO. 45

As on

Dist. Panchmahals No. of Scheduled &amp; Co-operative Bank Offices. (31st March 1973)

Sr. No.	Taluka	Scheduled Bank			Co-operative Bank				
		No. of places with Banks	No. of Bank Offices	Area sq. kms. per Bank Office	Population per Bank	No. of places with Banks	No. of Bank Offices	Area sq. kms. per Bank office	Population per Bank
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
<u>Tribal Area</u>									
1.	Santampur	2	2	660	123650	3	5	272	49460
2.	Jhalod	1	2	399	79430	3	5	160	31772
3.	Dahad	3	7	125	33704	2	5	175	47135
4.	Limkhoda	1	2	532	81508	1	1	1064	163013
5.	Dev. Baria	1	2	572	109686	2	3	382	73124
6.	Kathala Pocket (Halol)	-	-	-	-	-	-	-	-
7.	Mora Pocket (Godhra)	-	-	-	-	-	-	-	-
Sub-Total		8	15	373	73009	11	19	294	57633
<u>Non-Tribal Area</u>									
8.	Godhra (Excl. TP)	2	7	118	32701	3	6	133	38151
9.	Kalol	5	6	66	19712	3	5	80	23655
10.	Halol (Excl. TP)	2	3	121	28490	2	4	91	21368
11.	Sachera	1	1	580	113259	1	1	580	113259
12.	Lunavada	2	4	236	46563	4	5	139	37250
13.	Jambughoda	1	1	146	21513	-	-	-	-
Sub-Total		13	22	143	34253	13	21	155	35839
District Total		21	37	240	49968	24	40	222	46220

STATEMENT NO. 46

Dist. Panchmahals.		No. of Scheduled & Co-operative Bank Offices.				Year : 1978-79			
Sr. Name of Taluka		Scheduled Bank		Area	Popu-	Co-operative Bank		Area	Popu-
1.	2.	No. of places with Bank	No. of Bank Offices	Sq. (Kms.) per Bank office	lation per Bank	No. of places with Bank	No. of Bank Offices	Sq. (Kms.) per Bank office	lation per Bank.
		3.	4.	5.	6.	7.	8.	9.	10.
<u>Tribal Area</u>									
1. Santampur		4	4	340	61325	4	6	227	41217
2. Jhalad		2	4	199	39715	3	6	133	26477
3. Dhad		4	9	97	26214	2	5	175	47186
4. Linkhoda		3	3	355	54339	2	3	355	54339
5. Dev. Baria		3	4	286	54843	3	6	191	36562
6. Kathola Pocket (Halol)		-	-	-	-	-	-	-	-
7. Mora Pocket (Godhra)		-	-	-	-	-	-	-	-
Sub-Total		16	24	233	45630	14	26	215	42120
<u>Non-Tribal Area</u>									
8. Godhra (Excl. TR)		6	15	55	15260	5	10	83	22691
9. Kalol		6	7	57	16096	3	5	80	23655
10. Halol (Excl. TP)		3	5	73	17094	2	4	91	21368
11. Shchora		2	2	290	56629	2	3	193	37753
12. Lunavada		5	7	135	25607	4	6	158	31042
13. Jambughoda		1	1	146	21513	1	1	146	21513
Sub-Total		23	37	88	20370	17	29	112	25989
<b>District Total</b>		<b>39</b>	<b>61</b>	<b>145</b>	<b>30308</b>	<b>31</b>	<b>55</b>	<b>161</b>	<b>33615</b>

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STATEMENT NO. 47

Dist. Panchmahals.		Number & Membership of Primary Cooperative Societies.								(Year:1978-79)	
Sr. No.	Name of Talukas	Agri. Societies		Non-Agri. Societies		Other Societies		Total Societies		No. of members of all societies per 100 of pop.	No. of members of Pri. Credit Society per 100 of Agri. workers
		No.	Members	No.	Members	No.	Members	No.	Members		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<u>Tribal Area</u>											
1.	Santampur	21	23238	-	-	7	148	28	23386	9	30
2.	Jhalad	16	16361	11	975	42	2660	69	19996	13	29
3.	Dahad	30	24099	82	20921	9	214	127	46034	20	43
4.	Limbhoda	12	15797	3	337	-	-	15	16194	10	24
5.	Dev.Duria	22	17895	13	3430	49	1973	84	22398	10	19
6.	Kathela Pocket (Halol)	13	499	-	-	-	-	13	499	2	6
7.	Mora Pocket (Godhra)	18	2452	-	-	-	-	18	2452	6	17
<u>Sub-Total</u>		<u>123</u>	<u>101141</u>	<u>109</u>	<u>25723</u>	<u>107</u>	<u>4095</u>	<u>354</u>	<u>130959</u>	<u>12</u>	<u>27</u>
<u>Non-Tribal Area</u>											
8.	Godhra (Excl.TP)	35	10535	5	109	41	1175	131	11819	5	19
9.	Kalol	65	7734	15	860	4	80	84	8674	7	28
10.	Halol (Excl.TP)	59	5988	6	489	61	870	126	7347	9	27
11.	Shchera	52	8139	37	1788	-	-	89	9927	9	15
12.	Lunavada	118	17509	16	740	26	1040	160	19289	10	36
13.	Jambughoda	5	2014	2	261	9	505	16	2780	13	31
<u>Sub-Total</u>		<u>384</u>	<u>51919</u>	<u>81</u>	<u>4247</u>	<u>141</u>	<u>3670</u>	<u>606</u>	<u>59336</u>	<u>8</u>	<u>24</u>
<u>District Total</u>		<u>522</u>	<u>143060</u>	<u>190</u>	<u>29970</u>	<u>248</u>	<u>7765</u>	<u>960</u>	<u>190795</u>	<u>10</u>	<u>24</u>

## STATEMENT NO. 48

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Dist. Panchmahals. Road length per 100 sq.kms. of area and per 10000 of population. (Year 1973-74)

Sr. No.	Name of Taluka	Road length in kms.			Road length in kms. per 100 sq.kms. of area			Road length in kms. per 10,000 of population		
		Metalled	Non-metalled	Total	Metalled	Non-metalled	Total	Metalled	Non-metalled	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Sastrapur	77	390	467	5.7	28.7	34.3	3.1	15.8	18.9
2.	Jhalod	100	306	406	20.1	38.3	58.3	10.1	10.3	20.3
3.	Dahad	177	313	490	20.2	35.8	56.0	7.5	13.3	20.8
4.	Limkheda	97	374	471	9.1	35.2	44.3	6.0	22.9	28.9
5.	Dev.Baria	135	37	172	11.8	3.2	15.0	6.2	1.7	7.8
6.	Kathola Pocket (Halol)	-	-	-	-	-	-	-	-	-
7.	Mora Pocket (Godhra)	67	20	87	34.9	10.4	45.3	16.6	4.9	21.5
<u>Sub-Total</u>		<u>713</u>	<u>1440</u>	<u>2153</u>	<u>12.8</u>	<u>25.8</u>	<u>38.5</u>	<u>6.5</u>	<u>13.1</u>	<u>19.7</u>
<u>Non-Tribal Area</u>										
8.	Godhra (Excl.TP)	85	31	116	10.3	3.7	14.0	3.7	1.4	5.1
9.	Kalol	103	13	116	25.9	3.3	29.1	8.7	1.1	9.8
10.	Halol (Excl.TP)	95	21	116	26.1	5.8	31.9	11.1	2.5	13.6
11.	Shchora	87	7	94	15.0	1.2	16.2	7.7	0.6	8.3
12.	Lunavada	77	188	265	8.1	19.9	28.0	4.1	10.1	14.2
13.	Jambughoda	39	20	59	26.7	13.7	40.4	18.1	9.3	27.4
<u>Sub-Total</u>		<u>486</u>	<u>280</u>	<u>766</u>	<u>14.9</u>	<u>8.6</u>	<u>23.5</u>	<u>6.4</u>	<u>3.7</u>	<u>10.2</u>
<u>Dist. Total</u>		<u>1199</u>	<u>1720</u>	<u>2919</u>	<u>13.5</u>	<u>19.4</u>	<u>32.9</u>	<u>6.5</u>	<u>9.3</u>	<u>15.8</u>

Road length per 100 sq.kms.of area and per 10,000 of population.

(Year 1978-79)

Dist.Panchmahals.

Sr. No.	Taluka	Road length in kms.			Road length in kms.per 100 sq.kms.of area			Road length in kms.per 10,000 of population.		
		Metalled	Non-metalled	Total	Metalled	Non-metalled	Total	Metalled	Non-metalled	Total
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Santampur	103	353	319	12.2	45.0	30.2	6.7	26.4	33.1
2.	Jhalod	203	289	492	25.4	30.2	61.7	12.3	13.2	31.0
3.	Dahod	227	305	532	25.9	34.9	30.8	9.6	12.9	22.5
4.	Limkheda	105	417	522	9.9	39.2	49.1	6.4	25.6	32.0
5.	Dev.Daria	173	203	376	15.1	17.7	32.5	7.9	9.3	17.1
6.	Kathela Pocket (Halol)	13	12	67	8.4	7.7	43.2	4.3	4.0	22.2
7.	Mora Pocket (Gadhra)	32	29	111	42.7	15.1	57.8	20.3	7.2	27.4
Sub-Total		969	1908	2919	17.3	34.1	52.2	8.3	17.4	26.7
<u>Non-Tribal Area</u>										
8.	Gadhra (Excl.TP)	113	187	300	13.7	22.3	36.3	4.9	8.2	13.1
9.	Kalol	139	17	126	27.4	4.3	31.7	9.2	1.4	10.7
10.	Halol (Excl.TP)	93	24	75	25.5	6.6	20.6	10.9	2.3	8.8
11.	Shchera	101	203	304	17.4	35.0	52.4	8.9	17.9	26.8
12.	Lunawada	206	393	599	21.3	41.5	63.3	11.1	21.1	32.2
13.	Jambughoda	31	22	53	21.2	15.1	36.3	14.4	10.2	24.6
Sub-Total		653	346	1457	20.0	19.8	44.7	8.7	8.6	19.3
Dist. Total		1622	2754	4376	13.3	31.1	49.4	8.8	14.9	23.7

STATEMENT NO. 50

Dist. Panchmahals

List of Railway Station.

As on 31st March 1974.

.....  
Sr. Taluka                      Name of Railway Station  
No.

1.                      2.                      3.  
.....

Tribal Area

- 1. Santrampur                      -
- 2. Jhalod                      -
- 3. Dahad                      (1)Anas (2)Bordi (3)Dhamarda (4)Dahad (5)Rontia (6)Jekot
- 4. Limkhoda                      (1)Usra (2)Mangal-Mahudi (3)Limkhoda
- 5. Dev.Baria                      (1)Piplod (2)Nathapura (3)Mcti Zari (4)Devgad Baria                      (13)
- 6. Kathola Pocket  
(Halol)                      -
- 7. Mera Pocket  
(Godhra)                      -

Non-Tribal Area

- 8. Godhra (Excl.TP)                      (1)Godhra (2)Vejaapur (3)Tuwa (4)Tinba Road (5)Sant Road (6)Chancholav (7)Kansudi
- 9. Kalol                      (1)Kharsalia (2)Bedia (3)Dcrol (4)Wakrol
- 10. Halol (Excl.TP)                      (1)Halol (2)Devgad (3)Shivrajpur (4)Bamankuva (5)Ghaata                      (22)
- 11. Shchora                      (1)Khandia (2)Shchora
- 12. Lunavada                      (1)Sigali (2)Bhayasar (3)Lunavada
- 13. Jambughoda                      -

.....

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STATEMENT NO. 51

District-Panchmahals.

List of Railway Station.

As on 31-3-79

-----  
Sr. Taluka                      Name of Railway Stations  
No.  
1.                      2.                      3.  
-----

Tribal Area

- |                              |   |      |
|------------------------------|---|------|
| 1. Santrampur                | -   |      |
| 2. Jhalad                    | -   |      |
| 3. Dohad                     | (1)Jekot (2)Rantiya (3)Dohad (4)Dhanarua (5)Bordi (6) Anas        |      |
| 4. Linkhoda                  | (1)Usra (2)Mangal-Mahudi (3) Linkhoda                             |      |
| 5. Dev Baria                 | (1)Tipled (2) Moti zari (3)Nani zari (4)Devgad Baria (5) Natupura |      |
| 6. Kathala Pocket<br>(Halal) | -   | (14) |
| 7. Mura Pocket<br>(Godhra)   | -   |      |

Non-Tribal Area

- |                      |   |      |
|----------------------|---|------|
| 8. Godhra (Excl. TP) | (1)Godhra (2)Niganpur (3)Tuva (4)Timba Road (5)Sant Road (6)Chancholav<br>(7)Kansudi (8)Vavdikhurd (9)Sanlaya |      |
| 9. Kalll             | (1)Bakral (2)Derol (3) Bodia (4)Kharsalia   |      |
| 10. Halol (Excl. TP) | (1) Halol (2)Pavagadh (3) Shivrajpur (4)Banankuva (5)Ghanta   |      |
| 11. Shohera          | (1)Khandia (2)Shohera   |      |
| 12. Lunavada         | (1)Signali (2)Dhayasar (3)Lunavada  | (23) |
| 13. Jambughoda       | -   |      |



STATEMENT NO. 52

Dist. Panchmahals.

(Year : 1973-74)

No. of post offices, Telegraph offices &amp; villages without post offices.

Sr. No.	Name of Taluka	Post offices		Post & Telegraph offices		Villages without post offices	
		No.	Per 100 sq. kms.	No.	Per 100 sq. kms.	No.	% to total villages.
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Santrampur	58	4.3	3	0.2	332	85.1
2.	Jhalod	34	4.3	2	0.3	117	77.5
3.	Dahad	30	3.4	3	0.3	89	74.3
4.	Limkheda	22	2.1	1	0.1	221	90.9
5.	Dev. Baria	40	3.5	2	0.2	144	78.3
6.	Kathola Pocket (Halol)	-	-	-	-	40	100.0
7.	Mora Pocket (Godhra)	9	4.7	-	-	22	71.0
<u>Sub-Total</u>		<u>193</u>	<u>3.5</u>	<u>11</u>	<u>0.2</u>	<u>965</u>	<u>83.3</u>
<u>Non-Tribal Area</u>							
8.	Godhra (Excl. TP)	44	5.3	8	1.0	87	66.4
9.	Halol	27	6.3	5	1.3	40	59.7
10.	Halol (Excl. TP)	27	7.4	3	0.8	55	67.0
11.	Shehra	21	3.6	1	0.2	61	74.4
12.	Lunavada	32	3.4	3	0.3	296	90.2
13.	Jambughoda	6	4.1	1	0.7	49	89.1
<u>Sub-Total</u>		<u>157</u>	<u>4.8</u>	<u>21</u>	<u>0.6</u>	<u>583</u>	<u>78.9</u>
<u>District Total</u>		<u>350</u>	<u>3.9</u>	<u>32</u>	<u>0.4</u>	<u>1553</u>	<u>81.6</u>

STATEMENT NO. 53

Dist. Panchmahals.

(Year 1978-79)

No. of post offices, telegraph offices &amp; villages without post offices.

Sr. No.	T a l u k a	No. of Inhabited villages (as per 1971 Census)	Post offices		Post & Telegraph offices.		Villages without post offices	
			Number	Per 100 sq. kms.	Number	per 100 sq. kms.	Number	% to total villages
1.	2.	3.	4.	5.	6.	7.	8.	9.
<u>Tribal Area</u>								
1.	Santampur	390	66	4.9	3	0.2	324	83.1
2.	Jhalid	151	36	4.5	3	0.4	113	74.8
3.	Dahad	119	36	4.1	4	0.5	87	73.1
4.	Limkheda	243	28	2.6	1	0.1	215	88.5
5.	Dev. Baria	184	49	4.3	2	0.2	133	72.3
6.	Kathala Pocket (Halal)	40	10	6.5	-	-	30	75.0
7.	Mora Pocket (Godhra)	31	9	4.7	-	-	22	71.0
<u>Sub-Total</u>		<u>1153</u>	<u>234</u>	<u>4.2</u>	<u>13</u>	<u>0.2</u>	<u>924</u>	<u>79.8</u>
<u>Non-Tribal Area</u>								
8.	Godhra (Excl. TP)	131	40	4.8	3	1.0	33	63.4
9.	Kalal	67	29	7.3	5	1.3	37	55.2
10.	Halal (Excl. TP)	82	20	5.5	3	0.8	62	75.6
11.	Shohra	82	22	3.8	1	0.2	57	69.5
12.	Lunavada	328	49	5.2	3	0.3	293	89.3
13.	Jambugheda	55	5	3.4	1	0.7	48	87.3
<u>Sub-Total</u>		<u>7745</u>	<u>165</u>	<u>5.1</u>	<u>21</u>	<u>0.6</u>	<u>580</u>	<u>77.9</u>
<u>District Total</u>		<u>1903</u>	<u>399</u>	<u>4.5</u>	<u>34</u>	<u>0.4</u>	<u>1504</u>	<u>79.0</u>

STATEMENT NO. 54

District-Panchmahals		No. of primary schools, pupils & teachers.			1973-74	
Sr. No.	Name of Taluka	Primary Education			No. of schools per 100 sq. kms. @	% of villages with primary schools to total villages.
		No. of schools	No. of students	No. of Teachers		
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1.	Sastrapur	232	24310	796	20.7	65.6
2.	Jhalod	151	13493	338	18.9	78.1
3.	Dehad	168	13069	474	19.2	91.6
4.	Limbhoda	199	15230	321	18.7	78.2
5.	Dev. Baria	234	19350	521	20.4	89.7
6.	Kathla Pocket (Halol)	40	N.A.	53	25.3	87.5
7.	Mora Pocket (Gadhra)	30	2050	52	15.6	96.8
<u>Sub-Total</u>		1104	92557	2555	19.3	78.0
<u>Non-Tribal Area</u>						
8.	Gadhra (Excl. TP)	207	34216	958	25.0	93.1
9.	Kalol	126	15947	507	31.7	100.0
10.	Halol (Excl. TP)	110	13219	295	30.2	78.0
11.	Shahera	108	14835	453	18.6	89.0
12.	Lunavada	234	16401	880	24.7	74.4
13.	Jambughoda	40	2358	70	27.4	56.4
<u>Sub-Total</u>		825	97526	3163	25.3	80.7
<u>District-Total</u>		1929	190083	5718	21.8	79.0

## STATEMENT NO. 55

Dist. Panchmahals.

Year 1973-79

No. of primary schools, pupils &amp; teachers.

Sr. No.	T a l u k a	Primary Education			No. of schools per 100 sq. kms. @	Percentage of villages with primary school to total villages.
		No. of schools	No. of students	No. of teachers		
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1.	Saatrampur	310	35532	1043	22.3	73.5
2.	Jhalod	187	21712	527	23.4	99.3
3.	Dahad	189	27331	530	21.6	97.5
4.	Linkheda	213	18392	483	20.0	84.0
5.	Dev. Baria	258	23447	697	22.5	97.3
6.	Kathola Pocket (Halol)	46	2380	73	29.7	100.0
7.	Mora Pocket (Gadhra)	30	2736	92	15.6	90.3
Sub-Total		1233	132080	3445	22.1	88.4
<u>Non-Tribal Area</u>						
8.	Gadhra (Excl. TP)	190	24332	516	23.0	100.0
9.	Kalol	132	18346	596	33.2	100.0
10.	Halol (Excl. TP)	106	10523	329	29.1	76.8
11.	Shehera	120	17314	453	29.7	100.0
12.	Lunavada	263	31156	1097	27.8	78.0
13.	Jambugheda	39	2873	103	26.7	100.0
Sub-Total		850	104549	3004	26.1	87.8
District-Total		2083	236629	6449	23.5	88.2

## STATEMENT NO. 53

1973-74

Dist. Panchmahals

## No. of Secondary Schools, Pupils and Teachers.

Sr. Name of Taluka	Secondary Education			No. of schools per 100 sq. kms. of area @	% of villages with Secondary schools to total villages.	
	No. of schools	No. of students	No. of Teachers			
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1. Santrampur	10	3895	164	1.3	4.1	
2. Jhalod	10	2916	119	1.3	7.3	
3. Dhad	17	7742	270	1.9	3.7	
4. Limkheda	5	745	30	0.5	3.3	
5. Dev.Baria	9	2351	97	0.8	3.0	
6. Kathola Pocket (Halol)	1	124	6	0.6	2.5	
7. Mora Pocket (Godhra)	2	120	8	1.0	6.5	
<u>Sub-Total</u>	<u>62</u>	<u>17893</u>	<u>700</u>	<u>1.1</u>	<u>4.9</u>	
<u>Non-Tribal Area</u>						
8. Godhra (Excl. TP)	25	7101	232	3.0	12.2	
9. Kalol	12	4117	164	3.0	14.9	
10. Halol (Excl. TP)	6	2106	77	1.6	2.4	
11. Shchopa	9	1823	82	1.6	3.7	
12. Lunavada	29	5746	261	3.1	5.5	
13. Jambughoda	1	163	8	0.7	1.3	
<u>Sub-Total</u>	<u>82</u>	<u>21061</u>	<u>874</u>	<u>2.5</u>	<u>6.7</u>	
<u>District-Total</u>	<u>144</u>	<u>38954</u>	<u>1574</u>	<u>1.6</u>	<u>5.6</u>	

STATEMENT NO. 57

District - Panchmahals.

Year 1978-79

No. of Secondary Schools, Pupils & Teachers.

Sr. No.	Taluka	Secondary Education			No. of schools per 100 sq. kms. of area.	No. of villages with Secondary schools.	Percentage of villages with secondary schools to total villages
		No. of schools	No. of students	No. of teachers.			
1.	2.	3.	4.	5.	6.	7.	8.
<u>Tribal Area</u>							
1.	Santrampur	26	5073	224	1.9	24	6.2
2.	Jhalod	17	3402	152	2.1	16	10.6
3.	Dhad	20	3942	320	2.3	11	9.2
4.	Linkhoda	13	1362	70	1.2	13	5.3
5.	Dev.Baria	16	2331	134	1.4	15	3.2
6.	Katnola Pocket (Halol)	1	149	7	0.6	1	2.5
7.	Mora Pocket (Godhra)	2	355	13	1.0	2	6.5
<u>Sub-Total</u>		95	21664	920	1.7	82	7.1
<u>Non-Tribal Area</u>							
8.	Godhra (Excl.TP)	26	3093	331	3.1	16	12.2
9.	Kakil	15	4576	134	3.8	14	20.9
10.	Halol (Excl.TP)	7	1950	73	1.9	6	7.3
11.	Shohera	13	2011	92	2.2	13	15.9
12.	Lunavada	35	7073	203	3.7	32	9.3
13.	Jambughoda	2	251	11	1.4	2	3.6
<u>Sub-Total</u>		98	23954	939	3.0	83	11.1
<u>District-Total</u>		193	45618	1909	2.2	165	8.7

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STATEMENT NO. 53

Dist. Panchmahals.

1973-74

Number of Ashram Shala and Students therein.

Sr. No.	Taluka	No. of Schools	No. of Teachers	No. of Students
1.	2.	3.	4.	5.
<u>Tribal Area</u>				
1.	Santrampur	4	16	480
2.	Jhalod	3	16	400
3.	Dahad	2	8	240
4.	Limkhada	3	12	360
5.	Dev. Baria	2	8	240
6.	Kathola Pocket (Halol)	-	-	-
7.	Mora Pocket (Godhra )	1	4	120
<u>Sub-total</u>		15	64	1640
<u>Non-tribal Area</u>				
8.	Godhra (Excl. TP)	1	2	70
9.	Kalol	-	-	-
10.	Halol (Excl. TP)	1	2	70
11.	Shehera	-	-	-
12.	Lunavada	-	-	-
13.	Jambugada	2	9	230
<u>Sub-Total</u>		4	13	370
District Total		19	77	2210

## STATEMENT NO. 59

1978-79

Dist. Panchmahals

Number of Ashram Shala and Students therein.

Sr. No.	Taluka	No. of schools	No. of teachers	No. of students
1.	2.	3.	4.	5.
<u>Tribal Area</u>				
1.	Santampur	4	17	540
2.	Jnaled	4	14	410
3.	Dhad	4	12	320
4.	Linkhoda	3	31	965
5.	Dev. Baria	2	3	264
6.	Kathla Pocket (Halol)	1	6	153
7.	Mera Pocket (Gadhra)	1	4	120
<u>Sub-Total</u>		<u>24</u>	<u>92</u>	<u>2777</u>
<u>Non-Tribal Area</u>				
8.	Gadhra (Excl. TP)	1	2	210
9.	Kalol	-	-	-
10.	Halol (Excl. TP)	1	2	270
11.	Sachora	-	-	-
12.	Lunavada	-	-	-
13.	Jambughoda	2	11	235
<u>Sub-Total</u>		<u>4</u>	<u>15</u>	<u>724</u>
<u>District-Total</u>		<u>28</u>	<u>107</u>	<u>3501</u>



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STATEMENT NO. 30

No. of Medical & Health Institutions

Dist. Panchmahals.

Year 1973-74

Sl. No.	Taluka	Hospital	Dispensaries	No. of Primary Health Centres	No. of Beds	No. of Beds per 10,000 population
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1.	Santampur	1	-	4	46	2
2.	Jhalod	1	2	3	33	2
3.	Dahad	1	1	3	72	3
4.	Limkheda	-	2	3	17	1
5.	Dev. Baria	-	-	3	12	1
6.	Kathala Pocket (Halal)	-	-	-	-	-
7.	Mara Pocket (Gadhara)	-	-	-	-	-
<u>Sub-Total</u>		3	5	16	182	2
<u>Non-Tribal Area</u>						
8.	Gadhara (Excl. TP)	1	2	2	12	1
9.	Kalal	-	2	1	6	1
10.	Halal (Excl. TP)	-	1	1	6	1
11.	Sachera	-	-	1	4	-
12.	Lunavada	1	2	1	50	3
13.	Jambughoda	-	-	1	6	3
<u>Sub-Total</u>		2	7	7	84	1
<u>Dist. Total</u>		5	12	23	266	1

STATEMENT NO. 61No. of Medical & Health Institutions.

Dist. Panchmahals.

Year 1978-79

Sr. T a l u k a No.	Hospital	Dispensaries	No. of Primary Health Centres	No. of Beds	No. of Beds per 10,000 population	
1.	2.	3.	4.	5.	6.	7.
<u>Tribal Area</u>						
1. Santrapur	1	1	4	47	2	
2. Jhalid	1	2	3	48	3	
3. Dhad	1	2	3	72	3	
4. Limkheda	-	3	3	18	1	
5. Dev. Daria	1	1	3	68	3	
6. Kath la Pocket (Halal)	-	-	-	-	-	
7. Mora Pocket (Gadhra)	-	-	1	6	2	
<u>Sub-Total</u>	<u>4</u>	<u>9</u>	<u>17</u>	<u>259</u>	<u>2</u>	
<u>Non-Tribal Area</u>						
8. Gadhra (Excl. TF)	1	2	1	251	11	
9. Kalal	-	2	1	61	5	
10. Halal (Excl. TF)	-	2	1	48	6	
11. Shchra	-	-	1	6	1	
12. Lunavada	1	2	1	43	2	
13. Jambugheda	-	1	1	6	3	
<u>Sub-Total</u>	<u>2</u>	<u>9</u>	<u>6</u>	<u>415</u>	<u>6</u>	
<u>Dist. Total</u>	<u>6</u>	<u>18</u>	<u>23</u>	<u>674</u>	<u>4</u>	

STATEMENT NO. 62

Dist. Panchmahals

Year 1973-74

No. of Medical & Health Personnel

Sr. No.	Taluka	Doctors			Nurses			Midwives		
		Number	Per 100 Sq.kms.	Per 10000 population	Number	Per 100 sq.kms.	Per 10000 population	Number	Per 100 sq.kms.	Per 10000 population
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal area</u>										
1.	Santpampur	8	0.6	0.3	6	0.4	0.2	22	1.6	0.9
2.	Jhalad	8	1.0	0.5	5	0.6	0.3	20	2.5	1.3
3.	Dhad	8	0.9	0.3	11	1.3	0.5	27	3.1	1.1
4.	Limkheda	8	0.8	0.5	4	0.4	0.2	28	2.6	1.7
5.	Dev.Daria	6	0.5	0.3	3	0.3	-	18	1.6	0.8
6.	Kathola Pocket (Halol)	-	-	-	-	-	-	1	0.6	0.3
7.	Mora Pocket (Gadhra)	1	0.5	0.2	2	1.0	0.1	2	1.0	0.5
<u>Sub-Total</u>		<u>39</u>	<u>0.7</u>	<u>0.4</u>	<u>31</u>	<u>0.6</u>	<u>0.3</u>	<u>118</u>	<u>2.1</u>	<u>1.1</u>
<u>Non-Tribal Area</u>										
8.	Gadhra (Excl. TP)	16	1.9	0.7	39	4.7	1.7	4	0.5	0.2
9.	Kalol	4	1.0	0.3	2	0.5	0.2	5	1.3	0.4
10.	Halol (Excl. TP)	3	0.8	0.4	2	0.5	0.2	4	1.1	0.5
11.	Shehora	2	0.3	0.2	1	0.2	0.1	6	1.0	0.5
12.	Lunavada	6	0.6	0.3	3	0.8	0.4	16	1.7	0.6
13.	Jambughoda	2	1.4	0.9	1	0.7	0.5	6	3.4	2.3
<u>Sub-Total</u>		<u>33</u>	<u>1.0</u>	<u>0.4</u>	<u>53</u>	<u>1.6</u>	<u>0.7</u>	<u>40</u>	<u>1.2</u>	<u>0.5</u>
<u>Dist. Total</u>		<u>72</u>	<u>0.8</u>	<u>0.4</u>	<u>84</u>	<u>0.9</u>	<u>0.5</u>	<u>158</u>	<u>1.8</u>	<u>0.9</u>

STATEMENT <sup>191</sup> NO. 63

Dist. Panchmahals.

Year 1978-79

No. of Medical & Health Personnel

Sr. T a l u k a No.	Doctors			Nurses			Midwives			
	Number	Per 100 sq. kms.	Per 10000 population	Number	Per 100 sq. kms.	Per 10000 population	Number	Per 100 sq. kms.	Per 10000 population	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<u>Tribal Area</u>										
1.	Santampur	15	1.1	0.6	45	3.3	1.8	56	4.1	2.3
2.	Jhalod	13	1.6	0.8	33	4.1	2.1	19	2.4	1.2
3.	Dohad	12	1.4	0.5	42	4.8	1.8	23	2.6	1.0
4.	Limkheda	10	1.9	0.6	27	2.5	1.7	34	3.2	2.1
5.	Dev. Baria	12	1.0	0.5	45	3.9	2.1	56	4.9	2.6
6.	Katala Pocket (Halal)	-	-	-	-	-	-	1	0.6	0.3
7.	Mora Pocket (Gadhra)	1	0.5	0.2	2	1.0	0.5	2	1.0	0.5
<u>Sub-Total</u>		63	1.1	0.6	194	3.5	1.8	191	3.4	1.7
<u>Non-Tribal Area</u>										
8.	Gadhra (Excl. TP)	29	3.5	1.3	73	8.8	3.2	41	5.0	1.8
9.	Kaloli	12	3.0	1.1	17	4.3	1.4	21	5.3	1.9
10.	Halal (Excl. TP)	7	1.9	0.8	11	3.0	1.2	12	3.3	1.4
11.	Shchora	3	0.5	0.3	16	2.8	1.4	12	2.1	1.1
12.	Lunawada	7	0.7	0.4	32	3.4	1.7	15	1.6	0.8
13.	Jambughoda	3	2.1	1.4	8	5.5	3.7	9	6.2	4.2
<u>Sub-Total</u>		61	1.9	0.8	157	4.8	2.1	110	3.4	1.5
<u>Dist. Total</u>		124	1.4	0.7	351	4.0	1.9	301	3.4	1.6

APPENDIX-A

Methodology adopted and limitations for the earlier bench mark survey report.

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As stated earlier , a taluka has been treated as a unit for identifying it as a tribal area for the purpose of including the same in the Tribal Area Sub-Plan which envisages special programmes for development of the tribal areas in general and for uplifts of tribal community in particular. In the preparation of the Tribal Area Sub-Plan itself, considerable use is made of statistical information including social and economic indicators available at taluka level. It would be appropriate that the unit for collection of benchmark data for constructing social and economic indicators should also be a taluka in order to enable the comparison of the extent of development at subsequent periods . As the collection of information in respect of units below the level of taluka would involve considerable field work, it was decided to collect the information at the taluka level only.

The Government desired that the Benchmark Survey of Social and Economic Indicators of development for the districts covered in the Tribal Area Sub-Plan may be conducted as a part of an advance action on the Tribal Area Sub-Plan. In fact , Benchmark data would be very much useful in fixing priorities and targets of various programmes and working out details of the schemes before implementation. It was therefore felt that the results of the Benchmark survey, if available in time, might serve some useful purpose in modifications where necessary of programmes and schemes proposed in the Sub-Plan . Keeping this in view , it was decided to collect the information from various official records and publications available with different Government Departments and to use such information for computing social

and economic indicators of development. No field inquiry was therefore conducted for collection of data for this survey. In fact this was also one of the factors which weighted in favour of keeping taluka as the lowest level of unit for compilation of indicators as the collection of data for a unit below taluka level would necessarily involve large scale field work.

The information for compiling social and economic indicators of development for the Benchmark survey should relate to the year just preceding the period of commencement of the Sub-Plan. The Tribal Area Sub-Plan being a part of the State Five Year Plan has come into operation from the year 1974-75. The information collected in the present survey, therefore, relates to the year 1973-74. It may however be pointed <sup>out</sup> that the information on a few aspects was not available for the reference year 1973-74. In that case the latest available information has been used for compiling the indicators.

The tribal areas envisaged for development in the sub-plan cover only selected tribal portions of the district having tribal concentration. It would be worthwhile to have a comparative picture of the levels of development in the tribal talukas (as defined earlier) as well as other (non-tribal) talukas of the district. As such a comparative picture in the non-tribal talukas and in the district as a whole, alongwith the indicators for tribal area has also been presented in the report in order to highlight certain important aspects.

#### Limitations

As mentioned earlier, the taluka which is also geographical unit for the administrative purposes, is taken as a primary unit for collection of data for this report. The entire

population of the talukas, however, does not belong to tribal community. A group of tribal population within a taluka would be an ideal unit for preparation of indicators of development for that class of population. In spite of this, the indicators worked out for the taluka as a whole could be considered, for practical purposes, to represent almost a realistic picture of the tribal population which accounts for a larger share of the total population in the taluka. This limitation should, however, be borne in mind while drawing inferences from these indicators. A word of caution is also necessary for the one who is tempted to draw conclusions from these indicators without examining related indicators together.

There is another, important limitation in the preparation of these indicators in the sense that it has not been possible to work out indicators separately for rural areas of a taluka. In fact, it is to be remembered that a number of talukas out of these included for development in the Sub-Plan either do not have any urban towns or have a very small non-tribal urban population in the taluka. As far as the tribal Panchmahals area of          district is concerned, there are four towns and          the non-tribal urban population is only 11.2 per cent to the total population of the taluka.

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