
CHAPTER FIVE: CHANGES IN SIZE PATTERN OF OPERATIONAL
HOLDINGS= STATES.

The previous chapter analysed the changes that took place in the pattern of operational holdings at the macro level referring to the position of India as a whole. Broad conclusions could be established from the analysis. As a further step, a micro-level analysis can be attempted to bring out the relative position of different states through inter-state comparison of the variations that have taken place in the past. This is the task of the present chapter.

5.1 AGRICULTURAL LABOUR ENQUIRY : 1950-51

The first indication of the statewise details of land holding after independence is available from the Report of the First Agricultural Labour Enquiry Committee. The formation of the states then was different from the one which emerged after states reorganisation in 1956 statewise details are given in Table 5.1

Referring at the outset to the average size of the land holding, it appears that the states having average size of more than 10 acres were in their descending order saurashtra (29.57), Kutch (22), Bhopal (19.05), Coorg (17.71), Rajasthan (16.90), PEPSU (15.40), Hyderabad (14.09)

Madhya Pradesh (13.90), Madhya Bharat (12.70), Punjab (11.83) and Ajmer (11.46). Importantly, excepting Coorg and Hyderabad States all were from north India, particularly from central and north-west regions. No such peculiarity could be observed in case of the remaining states. The states having holding size averaging between 5 and 10 acres were Assam, Orissa, Uttar Pradesh, Delhi, Vindhya Pradesh, Bombay and Mysore. The states falling into the bottom category of having less than 5 acre holding were Travancore & Cochin, Manipur, Tripura, West Bengal, Bihar, Himachal Pradesh, Jammu & Kashmir and Bilaspur states. These were the states from eastern, northern most and southern most parts of India.

So far as average holding of the land was concerned, though the modal range was, by and large, between 5 and 25 acres, the distribution of land among the various size groups was skewed with inter-state difference. Extreme concentration of land holdings could be observed in few states where the average size of land holding was quite high. For instance, holdings having more than 25 acres of land numbered 15 percent and covered 52 percent area in Madhya Pradesh. Corresponding percentages were 21 and 56 for Bhopal, 30 and 65 for Kutch, 50 and 74 for Saurashtra, 20 and 56 for Rajasthan and 16 and 53 for Hyderabad. The most

extreme case was that of Coorg where 9 percent holdings above 25 acres commanded 75 percent area. Predeominance of holdings below 5 acres was noticed in case of Manipur, Tripura, Himachal Pradesh, Jammu & Kashmir, Travancore & Cochin, Bilaspur, Assam, Bihar, Madras, Orrissa, Uttar Pradesh and West Bengal.

5.2 NATIONAL SAMPLE SURVEY : SIXTEENTH AND SEVENTEENTH ROUNDS

The changes in the size pattern of operational holdings in 1960-61 and 1961-62 as per NSS 16th and 17th rounds respectively are given in Table 5.2. For convenience of analysis, on the basis of this table two separate tables (Tables 5.3 and 5.4) have been prepared indicating therein only the direction of change in the number and area of operational holdings in 1961-62 over 1960-61. Here plus sign indicates increase and minus sign decrease. The direction of change is of greater importance in the context of this analysis since it reflects the overall trend; the degree of change, therefore, is considered secondary and hence not brought into the discussion.

To begin with, Table 5.3 reflects the directions of changes in the number of holding with reference to the size of holdings. On perusal of the table, it appears that in 1961-62 compared to 1960-61 there was over all decline in the

Source : Government of India, Ministry of Labour Agricultural Labour Enquiry, Manpower and Occupational Structure, the manage of Publications Civil lines, Delhi. 1954.

Table 5.2

Distribution of the estimated number and area of operational holdings and percentage variation in N.S.S. 17th Round (1961-62) over N.S.S. 16th Round (1960-61) in different states by size class

State	Year	Size class of operational holding (in 000 acres)																	50.00 & above	All categories									
		: Upto 0.49 : 1.00-2.49 : 2.50-4.99 : 5.00-7.49 : 7.50-9.99 : 10.00-12.49																											
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.			Area	No.	Area	No.	Area				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Andhra Pradesh	16th Round	408	96	364	251	828	1368	730	2714	404	2466	201	1753	173	1956	98	1374	137	2373	86	1853	61	1724	75	2830	41	3186	3606	23944
	17th Round	379	104	253	173	1033	1691	739	2673	506	2972	253	2088	196	2042	114	1538	168	2750	110	2434	47	1303	108	3666	68	4785	3974	28219
	% variation	-7.1	+8.3	-30.4	-31.0	+24.8	+23.6	+1.2	-1.5	+25.2	+20.6	+25.9	+19.1	+13.2	+4.3	+16.3	+11.10	+22.6	+15.9	+27.9	+31.3	-22.10	-24.4	+4.0	+29.5	+65.9	+10.2	+17.9	
Assam	16th Round	70	13	117	90	340	621	411	1639	182	1118	72	630	38	420	16	213	23	397	5	102	2	54	2	87	0	24	1308	5406
	17th Round	73	22	108	80	317	538	488	1689	195	1156	60	523	16	170	17	249	09	154	02	43	0	01	0	25	0	0	1826	4649
	% variation	+4.3	+69.2	-7.7	-11.0	-6.8	-13.4	+18.7	+3.2	+7.1	+3.4	-16.7	-17.0	-57.9	-59.5	+6.2	+16.2	-60.2	-61.2	-60.0	-57.8	-100.0	-100.0	-100.0	-71.3	00	-100.0	+39.6	-14.0
Bihar	16th Round	1119	282	738	533	1543	2574	1281	4680	619	3816	302	2638	192	2200	102	1228	99	1706	67	1486	27	757	44	1532	12	870	6145	24522
	17th Round	1018	279	906	684	1613	2696	1488	5331	645	3875	304	2608	216	2240	90	1225	100	1683	54	1172	22	608	32	1106	15	1029	6503	24536
	% variation	-9.00	-1.1	+22.8	+28.3	+4.5	+4.7	+16.2	+13.9	+4.2	+1.5	+0.7	-1.1	+12.5	+1.8	-11.8	-14.2	+1.00	-1.3	-19.4	-21.0	-18.5	-19.7	-27.3	-27.9	+25.0	+5.8	+0.6	
Gujarat	16th Round	22	6	58	44	206	340	272	996	224	1358	181	1558	145	1476	103	1384	135	2269	100	2208	62	1680	108	4013	30	2274	1636	19605
	17th Round	53	21	77	67	284	590	331	1341	269	1592	243	1994	208	2047	108	1497	164	2652	112	2046	77	2036	129	4581	40	2751	2095	23215
	% variation	+140.9	+250.0	+32.8	+52.3	+37.9	+73.5	+21.7	+34.6	+20.1	+17.2	+34.3	+43.4	+43.4	+38.7	+4.9	+8.2	+21.5	+16.9	+12.0	-7.3	+24.2	+21.2	+18.4	+14.2	+33.3	+28.1	+18.4	
Jammu & Kashmir	16th Round	28	6	32	24	128	221	140	503	63	384	25	217	10	114	5	66	4	65	2	42	1	20	1	28	0	9	439	1699
	17th Round	26	6	48	37	178	306	158	547	70	414	25	207	13	141	5	69	5	75	2	43	1	13	0	17	0	0	531	1875
	% variation	-7.1	0.0	+50.0	+54.2	+39.1	+38.5	+12.9	+8.9	+11.1	+7.8	0.0	-4.6	+30.0	+73.7	0.0	+4.5	+25.0	+15.4	0.0	+2.4	0.0	-35.0	-100.0	-39.3	0.0	-100.0	+21.0	+10.4
Kerala	16th Round	957	222	328	222	370	556	184	628	62	373	32	282	19	212	10	136	12	210	7	152	3	80	9	330	3	509	1996	3912
	17th Round	627	136	397	275	399	610	218	767	78	464	30	244	19	218	8	115	9	132	4	99	1	22	2	59	2	163	1795	3314
	% variation	-34.5	-38.7	+21.0	+23.9	+7.8	+9.7	+18.5	+22.1	+27.4	-24.4	-6.3	-13.5	0.0	+2.8	-20.0	+15.4	-25.0	-37.1	-42.9	-34.9	-66.6	60.0	-77.8	-82.1	-33.3	-68.0	-10.1	-15.3

State	Round	279	92	410	297	1026	1702	797	2877	314	1895	174	1476	85	930	46	614	46	784	21	466	12	317	16	632	8	507	3234	12589
Madras	16th Round	: 279	92	410	297	1026	1702	797	2877	314	1895	174	1476	85	930	46	614	46	784	21	466	12	317	16	632	8	507	3234	12589
	17th Round	: 319	82	399	329	1151	1949	872	3049	418	2474	163	1326	110	1204	39	529	44	728	27	561	5	133	12	427	5	316	3564	13107
	% variation	: +14.3	-10.9	-2.7	+10.8	+12.2	+14.5	+9.4	+6.0	+6.0	+33.1	+30.6	-6.3	-10.2	+29.4	+29.5	-15.2	-13.8	-4.3	-7.1	+28.6	+20.4	-58.3	-58.0	-25.0	-32.4	-37.7	+10.2	+4.1
Maharashtra	16th Round	: 117	23	119	89	416	719	558	2075	383	2370	277	2424	225	2538	188	2612	247	4273	165	3696	111	3050	213	8164	119	8959	3138	40992
	17th Round	: 177	40	126	99	538	947	644	2379	419	2593	322	2761	269	2996	179	2379	259	4503	206	4349	113	2997	225	8273	93	6669	3570	40975
	% variation	: +51.3	+73.9	+5.9	+11.2	+29.3	+31.7	+15.4	+14.7	+9.4	+9.4	+9.4	+16.2	+13.9	+19.6	+18.0	-4.8	-8.9	+4.9	+5.4	+24.8	+17.7	+1.8	-1.7	+5.6	+1.3	-25.7	+13.8	-0.04
Mysore	16th Round	: 164	12	66	50	308	548	600	2204	337	2006	207	1772	167	1837	98	1310	121	2059	103	2276	40	1095	114	4081	55	3712	2386	22962
	17th Round	: 72	10	85	50	334	583	417	1631	448	2762	289	2406	198	2225	104	1408	130	2267	93	2109	68	1823	99	3548	52	3455	2389	24277
	% variation	: -56.0	-16.7	-28.8	0	+8.4	+6.4	-30.5	+37.7	-26.0	+32.9	+39.6	+54.0	+18.6	+21.1	+6.1	+7.4	+7.4	+10.1	-9.7	-7.3	+70.0	+66.4	-13.1	-13.0	-6.9	+0.1	+5.7	+14.9
Orissa	16th Round	: 316	56	162	113	610	1012	601	2214	272	1668	170	1460	86	951	54	740	42	725	25	546	18	484	16	588	5	408	2377	10965
	17th Round	: 171	30	214	162	629	1051	742	2611	332	1948	192	1588	118	1280	56	742	51	821	25	546	13	292	24	793	10	740	2577	12604
	% variation	: -45.9	-45.4	+32.1	+43.4	+0.3	+0.4	+23.5	+17.9	+22.1	+16.8	+12.9	+0.1	+37.2	+34.5	+3.7	+0.3	+21.4	+13.2	0	0	-27.7	-39.7	+50.0	+34.9	+81.4	+100.0	+8.4	+14.9
Punjab	16th Round	: 65	15	90	62	201	357	257	928	214	1291	184	1591	161	1803	111	1496	144	2441	89	2008	62	1685	94	3492	26	1793	1698	18962
	17th Round	: 91	15	82	66	162	295	203	754	209	1361	147	1312	128	1438	86	1215	128	2072	66	1359	39	1020	67	1797	22	897	1430	13605
	% variation	: +40.0	0	-8.8	+6.5	-19.4	-16.2	-21.0	-18.7	-2.3	+5.4	-20.1	-17.5	-20.5	-20.2	-22.5	-18.8	-11.1	-15.1	-25.8	-32.3	-37.1	-39.6	-28.7	-15.4	-50.0	-50.0	-15.8	-0.3
Rajasthan	16th Round	: 22	6	56	43	283	509	491	1831	342	2108	236	2035	160	1784	105	1434	183	3134	122	2664	80	2154	162	6189	108	8521	2350	32412
	17th Round	: 25	10	82	37	320	617	472	1856	383	2337	260	2377	212	2200	144	1978	223	3466	150	3023	85	2200	183	6807	126	9644	2665	36552
	% variation	: +13.6	+66.6	+46.4	-14.0	+13.1	+12.2	-3.9	+1.4	+12.0	+14.1	+10.2	+16.8	+32.5	+23.3	+37.1	+37.9	+21.9	+10.6	+23.0	+13.5	+6.2	+2.1	+13.0	+10.0	+13.2	+13.4	+0.1	+0.1
Uttar Pradesh	16th Round	: 958	278	1197	886	2687	4527	2719	9643	1291	7829	705	5951	388	4255	181	2450	231	3954	94	2040	63	1666	94	3343	29	2158	10637	48980
	17th Round	: 774	208	1128	810	2682	4509	2808	10318	1380	8370	647	5121	420	4234	228	2764	241	3736	112	1925	79	1556	63	2392	17	935	10579	46978
	% variation	: -19.2	-25.2	-5.8	-8.6	-0.2	-0.4	+3.3	+7.0	+7.0	+6.9	-8.2	-13.9	+8.2	-0.5	+26.0	+12.8	+4.3	-5.5	+19.1	-5.6	+25.4	-6.6	-48.4	-28.4	-37.9	-56.7	-0.5	-4.9
West Bengal	16th Round	: 373	89	215	153	828	1425	952	3447	425	2590	179	1538	115	1255	55	746	36	616	12	283	5	134	2	85	1	48	3198	12409
	17th Round	: 365	85	262	205	842	1454	971	3513	449	2705	153	1354	102	1124	50	681	34	605	24	529	8	196	6	106	-	-	3266	12557
	% variation	: -2.1	-4.5	+21.9	+34.0	+1.7	+2.0	+2.0	+1.9	+1.9	+5.6	+4.4	-14.5	-12.0	-11.3	-9.0	-8.7	-5.6	-1.8	+100.0	+86.9	+60.0	+46.3	+200.0	+24.7	-110.0	+2.1	+1.2	+1.2
Union Territories	16th Round	: 18	5	18	14	98	168	86	303	42	256	14	118	21	239	2	21	1	13	2	41	0	2	0	4	0	8	302	1192
	17th Round	: 24	5	17	14	104	112	112	407	49	296	18	143	13	140	5	59	7	107	0	14	1	37	0	6	0	5	301	1333
	% variation	: +33.3	0	-5.6	0	-43.9	-38.1	+30.2	+34.3	+16.6	+15.6	+28.6	+21.2	+38.1	-41.4	+150.0	+181.0	+600.0	+723.1	-100.0	-65.9	+100.0	+170.0	0	+50.0	0	-37.5	-0.3	+11.8

		95	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
1																										
2																										
Mdhya Praदेश	16th Round	133	530	833	770	2867	620	3830	465	4018	354	3942	223	3076	328	5582	159	3540	112	3072	182	6803	86	6616	4438	44418
	17th Round	123	603	1082	820	3125	667	4214	426	3752	327	3657	242	3181	329	5609	175	2660	105	2854	157	5316	71	5186	4240	41789
		-7.5	+13.8	+29.9	+6.5	+9.0	+7.6	+10.0	-8.4	-6.6	-7.5	-9.7	+8.5	+3.4	+0.3	+0.5	+10.1	-24.9	-6.3	-7.1	-13.7	-21.9	-17.4	-21.6	-4.5	-5.9
		-8.6																								

% variation : -65.2 -46.4

Table 5.3
Direction of change in number of holdings in
1961-62 over 1960-61

States	: Upto 5 : acres		: 5 to : 10 acres:		: 10 to 25 : acres		: 25 acres : & above		: Tot- : al					
	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Andhra Pradesh	-	-	+	+	+	+	+	+	+	+	-	+	+	+
Assam	+	-	-	+	+	-	-	+	-	-	-	-	0	+
Bihar	-	+	+	+	+	+	+	-	+	-	-	-	+	+
Gujarat	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Jammu & Kashmir	-	+	+	+	+	0	+	0	+	0	0	-	0	+
Kerala	-	+	+	+	+	-	0	-	-	-	-	-	-	-
Madhya Pradesh	-	-	+	+	+	-	-	+	+	+	+	+	-	-
Madras	+	-	+	+	+	-	+	-	-	+	-	-	+	+
Maharashtra	+	+	+	+	+	+	+	-	+	+	+	+	+	+
Karnataka	-	-	+	-	+	+	+	+	+	-	+	-	-	+
Orissa	-	+	+	+	+	+	+	+	+	0	-	+	+	+
Punjab	+	-	-	-	-	-	-	-	-	-	-	-	-	-
Rajasthan	+	+	+	-	+	+	+	+	+	+	+	+	+	+
Uttar Pradesh	-	-	-	+	+	-	+	+	+	+	+	-	-	-
West Bengal	-	+	+	+	+	-	-	-	-	+	+	+	-	+
Union Territories	+	-	-	+	+	+	+	+	+	-	+	0	0	-

Note : (Plus) - indicates increase
(Minus) - indicates decrease
(Zero) - indicates no change

Source : Compiled from Table 5.2

Table 5.4

Direction of change in area of holdings in
1961-62 over 1960-61

States	: Upto 5		: 5 to 10:		10 to 25		: 25 acres		: Total					
	: acres		: acres		: acres		: & above		:					
	Column numbers from Table 5.2													
	5	7	9	11	: 13	15:	17	19	21	23:	25	27	29	: 31
Andhra Pradesh	+	-	+	-	+	+	+	+	+	+	-	+	+	+
Assam	+	-	-	+	+	-	-	+	-	-	-	-	-	-
Bihar	-	+	+	+	+	-	+	-	-	-	-	-	+	+
Gujarat	+	+	+	+	+	+	+	+	+	-	+	+	+	+
Jammu & Kashmir	0	+	+	+	+	-	+	+	+	+	-	-	-	+
Kerala	-	+	+	+	-	-	+	-	-	-	-	-	-	-
Madhya Pradesh	-	-	+	+	+	-	-	+	+	-	-	-	-	-
Madras	-	+	+	+	+	-	+	-	+	+	-	-	-	+
Maharashtra	+	+	+	+	+	+	+	-	+	+	-	+	-	-
Karnataka	-	0	+	-	+	+	+	+	+	-	+	-	-	+
Orissa	-	+	+	+	+	+	+	+	+	0	-	+	+	+
Punjab	0	+	-	-	+	-	-	-	-	-	-	-	-	-
Rajasthan	+	-	+	+	+	+	+	+	+	+	+	+	+	+
Uttar Pradesh	-	-	-	+	+	-	-	+	-	-	-	-	-	-
West Bengal	-	+	+	+	+	-	-	-	-	+	+	+	-	+
Union Territories	0	0	-	+	+	+	-	+	+	-	+	+	-	+

Note : (Plus) - indicates increase
(Minus) - indicates decrease
(Zero) - indicates no change

Source : Compiled from Table 5.2

number of holdings in Punjab except for the size class below 0.49 acre, in Kerala except for 0.50 -- 7.49 acres, in Madhya Pradesh except for 1 -- 7.49 acres and 12.50 -- 24.99 acres, in Uttar Pradesh except for 10-25 acres and 2.5 to 7.5 acres and in Union Territories except for below 0.49 acre, 2.50--15.00 acres and above 25.00 acres. On the other hand, there was overall increase in the number of holdings in 1961-62 when compare to 1960-61 in Gujarat, Maharashtra except for 12-50--14.99 acres, Rajasthan except for 2.50--4.99 acres, Andhra Pradesh except for 0.49 to 0.99 acres and above 25.00 acres ranges, Madras except for 0.50--0.99 acres, 7.50--9.99 acres 12.50--19.99 acres, and above 25.00 acres ranges, Karnataka except for 0.49 to 0.99 acres, 2.50--4.99 acres 20.00--24.99 acres and above 25 acres ranges, Orissa except for below 0.49 acre and above 25. acres ranges, west Bengal except for below 0.49 acre, 7.50--19.99 acres and above 25 acres ranges, Assam except for 0.50--2.49 acres, 7.50--12.49 acres, and 15.00--49.99 acres ranges, Bihar except for below 0.49 acre, 12.50--14.99 acres, and 20.00--49.99 acres ranges and Jammu and Kashmir except for up to 0.49 acre and above 25 acres ranges. On the basis of this information it can be said that except in Punjab Madhya Pradesh, Kerala, Uttar Pradesh and Union Territories, there was increase in the number of holdings in 1961-62 over 1960-61.

It, thus, appears that the directions the various states regarding changes in the number of holdings were neither uniform on the whole nor were specific to particular size-class of the operational holdings.

Table 5.4 gives the information about the direction of changes in the area of holdings. There was overall increase in the area of operational holdings in Rajasthan except for 0.50--0.99 acres, Gujarat except for 20.00--24.99 acres, Andhra Pradesh except for 0.50--0.99 acres, 2.50--4.99 acres and above 25.00 acres ranges, Orissa except for upto 0.49 acre and above 25.00 acres, Jammu and Kashmir except for 7.50--9.99 acres and above 25.00 ranges, Union Territories except for 0.50--0.99 acres, 10.00--12.49 acres, 20.00--24.99 acres, and 50.00 & above acres ranges, Karnataka except for upto 0.49 acres, 2.50--4.99 acres, and above 25 acres ranges, West Bengal except for upto 0.49 acre, 7.50--19.99 acres and above 25 acres ranges, Madras except for upto 0.49 acre, 7.50--9.99 acres, 12.50--19.99 acres, and above 25.00 acres ranges, Bihar except for upto 0.49 acre, 7.50--9.99 acres and 12.50--49.99 acres ranges.

There was overall decline of area of operational holdings in 1961-62 over 1960-61, in Punjab except for 0.50--0.99 acres and 5.00--7.49 acres ranges and in Uttar Pradesh except for 2.50--7.49 acres, 12.50--14.99 acres ranges.

These two states ranked first in the overall decline of area of operational holdings. Decline was also noticed in Assam except for upto 0.49 acre, 2.50--7.49 acres, 12.50--14.99 acres ranges, in Kerala except for 0.50--4.99 acres, and 10.00--12.49 acres ranges, Madhya Pradesh except for 1.00--7.49 acres and 12.50--19.99 acres ranges, and in Maharashtra only in 50.00 above acres range.

In the fifteen states and Union Territories under study, in nine states (Andhra Pradesh, Bihar, Gujarat, Jammu & Kashmir, Madras, Karnataka, Orissa, Rajasthan and West Bengal) the percentage of both area and number of operational holdings increased in 1961-62 over 1960-61. In four states, (Kerala, Madhya Pradesh, Punjab and Uttar Pradesh) the percentage of both area and number of holdings declined in 1961-62 over 1960-61. In Union Territories the percentage of number of holdings declined in 1961-62 over 1960-61 but the percentage of area of operational holdings increased. Only in two states (Assam and Maharashtra) the percentage of number of holdings increased but the percentage of area of operational holdings declined in 1961-62 over 1960-61.

5.3 AGRICULTURAL SENSUS : 1970-71 AND 1976-77 c/

In the two censuses under reference, the states and Union Territories were put into two groups. Group I

consisted of 14 states and 5 Union Territories where complete land records existed and the data for the Agricultural census were obtained by retabulation of information available in the records. Group II consisted of 8 states and 4 Union Territories, where comprehensive land records did not exist and the data were obtained by sample enquiry from operational holders adopting household approach.

5.3.1 Number of operational holdings

Uttar Pradesh, the largest state of the Indian Union in respect of population, had the largest number of holdings accounting for about one fifth of the operational holdings in the country in 1976-77. Bihar, the second populous state, was also the second in terms of the number of holdings accounting for about one-eighth of the operational holdings. Madhya Pradesh which is the largest state in India in respect of geographical area, ranked fifth as far as the number of operational holdings was concerned. Rajasthan, which is the second largest state in terms of geographical area, was eighth in respect of the number of operational holdings. The relative position of the states in respect of the number of holdings remained practically the same between 1970-71 and 1976-77. (see table 5.5)

Table 5.5

Statewise distribution of number of operational holdings in 1970-71 and 1976-77

State	1970-71		1976-77		Percent- age change in 1976-77 over 1970-71
	Number ('000 ha.)	Percent- age	Number ('000 ha.)	Percent- age	
1	2	3	4	5	6
<u>GROUP I - LAND RECORD STATES/U.T.s.</u>					
Andhra Pradesh	5,421	7.8	6,154	7.5	+ 13.5
Assam	1,577	2.8	2,254	2.8	+ 14.7
Bihar	7,577	10.7	9,936	12.2	+ 31.1
Gujarat	2,433	3.4	2,713	3.3	+ 11.5
Haryana	914	1.3	999	1.2	+ 9.3
Himachal Pradesh	609	0.8	621	0.8	+ 2.0
Jammu & Kashmir	979	1.4	971	1.2	- 0.8
Karnataka	3,551	5.0	3,811	4.7	+ 7.3
Madhya Pradesh	5,300	7.5	6,061	7.4	+ 14.4
Maharashtra	4,950	7.0	5,764	7.1	+ 16.4
Punjab	1,375	1.9	*1,504	1.8	+ 9.4
Rajasthan	3,726	5.2	4,365	5.3	+ 17.1
Tamil Nadu	5,314	7.5	6,112	7.5	+ 15.0
Uttar Pradesh	15,639	22.0	16,971	20.8	+ 8.5
Union Territories	82	0.1	86	0.1	+ 4.9
Group II Non-land Record states/Union Territories	11,177	15.8	13,247	16.3	+ 18.5
All India	71,012	100.0	81,569	100.0	+ 14.9

*Estimated

Source : Government of India, All India Report on Agricultural Census 1976-77, Ministry of Agriculture, New Delhi, 1981.

While the number of holdings in the country had gone up from 71.0 million in 1970-71 to 81.6 million in 1976-77, an increase of 15 percent, the percentage increase in some of the major states was substantially higher such as in Bihar (31 percent). The states registering percentage variation in the number of holdings above the average were Bihar (31.1 percent), Rajasthan (17.1 percent), Maharashtra (16.4 percent) and Tamil Nadu (15 percent), Jammu & Kashmir was the solitary state registering a marginal decline.

5.3.2 Area operated by states

Madhya Pradesh though was fifth in respect of the number of holdings, ranked first as far as the area operated was concerned and accounted for 13.3 percent of the area operated in the country in 1976-77. In 1970-71 both Madhya Pradesh and Maharashtra ranked first and each accounted for 13.1 of the area. In 1976-77, Maharashtra (12.9 percent) and Rajasthan (12.4 percent) ranked second and third respectively. Uttar Pradesh which was at the top in respect of number of holdings and accounted for 20.8 percent of the holdings, was only fourth as regards the area operated and accounted for only 10.9 percent of the total operated area in the country. Bihar which ranked second in respect of number of holdings was at the seventh position in respect of area operated.

While the increase in area operated in the country as a whole was about 1 million hectares or about 0.7 percent.

from 1970-71 to 1976-77, the trends in some states were varying. Among the major states, the area operated increased significantly by 0.8 million hectares in Andhra Pradesh (see Table 5.6)

Table 5.6

Statewise distribution of area operated in 1970-71 and 1976-77

State	1970-71		1976-77		Percent- age change in 1976-77 over 1970-71
	Area ('000 ha.)	Percen- tage	Area ('000 ha.)	Percen- tage	
1	2	3	4	5	6
<u>I-land records states/Union Territories</u>					
Andhra Pradesh	13,586	8.4	14,380 [†]	8.8	+ 5.8
Assam	2,883	1.8	3,079	1.9	+ 6.8
Bihar	11,480	7.1	11,073	6.8	- 3.5
Gujarat	10,000	6.2	10,075	6.2	+ 0.7
Haryana	3,448	2.1	3,579	2.2	+ 3.8
Himachal Pradesh	931	0.6	1,010	0.6	+ 8.5
Jammu & Kashmir	916	0.6	1,042	0.6	+13.8
Karnataka	11,368	7.0	11,357	6.9	- 0.1
Madhya Pradesh	21,194	13.1	21,691	13.3	+ 2.3
Maharashtra	21,179	13.1	21,105	12.9	- 0.3
Punjab	3,974	2.4	4,125*	2.5	+ 3.8
Rajasthan	20,340	12.5	20,301	12.9	- 0.3
Tamil Nadu	7,709	4.7	7,628	4.7	- 1.1
Uttar Pradesh	18,158	11.2	17,860	10.9	- 1.6
Union Territories	164	0.1	161	0.1	- 1.8
<u>II Nonland Record states/Union Territories</u>					
All India	1,62,138	100.0	1,63,344	100.0	+ 0.5

*Estimated

Source : Ibid., P. 43.

5.3.3. Statwise average size of holding

In 1976-77 among the major states the average size of holding varied substantially. The average size was a little over one hectare in Uttar Pradesh, Bihar and Jammu & Kashmir. At the other end of the scale, the highest average size among major states was in Rajasthan being 4.65 hectares followed by Gujarat (3.71 ha.), Maharashtra (3.58 ha.), Madhya Pradesh (3.58 ha.) and Haryana (3.58 ha.).

The average size of a holding in the country as a whole decreased from 2.28 hectares in 1970-71 to 2.00 hectares in 1976-77, i.e. a reduction by about 12 percent. Most of the states showed decreases in the average size of a holding, but significantly the reduction was the largest in the case of Bihar where the average size of holding declined by 27 percent in 1976-77. This might perhaps be due to the fact that the largest percentage increase in the number of holdings was observed in that state between 1970-71 and 1976-77. Jammu & Kashmir showed an increase in the average size of a holding in 1976-77. (see Table 5.7)

Table 5.7

Statewise average size of operational holdings in
1970-71 and 1976-77

State	Average size (hectares)		Percentage change in 1976-77 over 1970-71
	1970-71	1976-77	
1	2	3	4
<u>I-land Record states/Union Territories</u>			
Andhra Pradesh	2.51	2.34	- 6.8
Assam	1.47	1.37	- 6.8
Bihar	1.52	1.11	- 27.0
Gujarat	4.11	3.71	- 9.7
Haryana	3.77	3.58	- 5.0
Himachal Pradesh	1.53	1.63	+ 6.7
Jammu & Kashmir	0.94	1.07	+ 13.8
Karnataka	3.20	2.98	- 6.9
Madhya Pradesh	4.00	3.58	- 10.5
Maharashtra	4.28	3.66	- 14.5
Punjab	2.89	*2.74	- 6.9
Rajasthan	5.46	4.65	- 14.8
Tamil Nadu	1.45	1.25	- 13.8
Uttar Pradesh	1.16	1.05	- 9.5
Union Territories	2.00	1.87	- 6.5
II Nonland Record states/Union Territories	1.32	1.12	- 15.2
All India	2.28	2.00	- 12.3

*Estimated

Source : Ibid., P. 44

5.4 AGRICULTURAL CENSUS : 1976-77 AND 1980-81

In Table 5.8 the percentage distribution of the number of and area of operational holdings in twentytwo states in India corresponding to the agricultural census of 1976-77 and 1980-81 is given. As in the previous section, here also on the basis of this table, two separate tables have been formed (Tables 5.9 and 5.10) showing therein the direction of change in the number and area of operational holdings in 1980-81 over 1976-77. The size distribution of holdings has been classified into marginal (less than 1 hectare), small (1-2 hectares), semi-medium (2-4 hectares), medium (4-10 hectares) and large (10 hectares and above).

It can be seen from Table 5.9 that there was overall increase in the number of holdings in 1980-81 over 1976-77 in Sikkim except for large holdings where as there was no change in Gujarat, Karnataka, Madhya Pradesh and Kerala except for large holdings, in Andhra Pradesh except for medium and large holdings, in Assam except for medium and large holdings, in Bihar except for medium and large holdings, in Haryana except for medium and large holdings, in Jammu & Kashmir except for medium and large holdings, in Maharashtra except for medium and large holdings, in Nagaland except for semi-medium and medium holdings, in Himachal Pradesh except for medium and large holdings, in Rajasthan except for marginal and large holdings,

in Tamil Nadu and Uttar Pradesh except for semi-medium, medium and large holdings in Meghalaya except for semi-medium and medium holdings, and in Tripura and West Bengal except for semi-medium, medium and large holdings. It may be noted that out of 22 states under study, there was decline in medium and large holdings in 11 states in 1980-81 over 1976-77. There was overall decline in the number of holdings in 1980-81 over 1976-77, in Punjab except for semi-medium, medium and large holdings and in Manipur except for semi-medium, and medium holdings.

Notwithstanding statewise differences in the variations with reference to the size groups, one development is conspicuous and that is, there was overall decline in the number of holdings in medium and large size-groups. This decline was compensated by overall increase in holdings in marginal, small and semi-medium size-groups.

Table 5.10 gives information about direction of changes in area of operational holdings in 1980-81 over 1976-77. It may be noted that there was overall increase in the area of operational holdings in 1980-81 over 1976-77 in Assam except for medium holdings in Gujarat, Karnataka, Madhya Pradesh, Kerala and Sikkim except for large holdings, in Tamil Nadu, Uttar Pradesh, Meghalaya and Tripura except for medium and large holdings and in West Bengal except for semi-medium,

Table 5.8

Distribution of the number and area of operational holding in different states by broad categories in 1976-77 and 1980-81

State	Year	Marginal holdings : Small holdings : Semi-medium holdings : Medium holdings : Large holdings : All categories		(below 1.0 ha.) : (1.0-2.0 ha.) : (2.0-4.0 ha.) : (4.0-10.0 ha.) : (10.0 ha. & above) :		Number : Area		Number : Area		Number : Area		Number : Area	
		1	2	3	4	5	6	7	8	9	10	11	12
Andhra Pradesh	1976-77	28,679	13,361	12,518	18,355	10,725	29,925	7,526	46,467	2,092	35,689	61,540	1,43,797
	1980-81	39,702	18,774	16,021	23,163	12,283	33,398	6,933	41,162	1,624	26,782	76,563	1,43,279
	% variation	+38.4	+40.5	+28.0	+26.2	+19.5	+11.6		-7.9	-11.4	-22.4	-25.0	+24.4
Assam	1976-77	13,437	5,936	5,098	7,180	2,960	8,083	964	5,281	78	4,312	22,537	30,792
	1980-81	13,633	5,827	5,230	7,484	3,136	8,600	920	4,871	57	4,423	22,976	31,205
	% variation	+1.5	+1.8	+2.6	+4.2	+5.9	+6.4		-4.5	-7.8	-26.9	+2.6	+1.9
Bihar	1976-77	72,151	25,778	11,910	15,922	9,277	24,958	5,190	29,391	833	14,678	99,364	1,10,727
	1980-81	85,206	29,517	12,179	16,476	9,512	25,941	4,718	27,093	681	11,649	1,12,296	1,10,673
	% variation	+18.1	+14.5	+2.3	+3.5	+2.5	+3.9		-9.1	-8.5	-18.2	-20.6	+13.0
Gujarat	1976-77	6,557	3,288	5,409	7,920	6,517	18,709	6,708	41,563	1,940	29,266	27,181	1,00,746
	1980-81	7,105	3,760	6,345	9,296	7,279	20,834	6,856	42,091	1,716	25,062	29,301	1,01,043
	% variation	+8.4	+14.4	+17.3	+17.4	+11.7	+11.4		+2.2	+1.3	-11.5	-14.4	+8.0
Haryana	1976-77	3,079	1,409	1,869	2,666	2,103	6,039	2,213	13,646	723	12,028	9,987	35,788
	1980-81	3,256	1,657	1,941	3,100	2,109	6,207	2,161	13,492	649	11,161	10,116	35,617
	% variation	+5.7	+17.6	+3.9	+16.3	+0.3	+2.8		-2.3	-1.1	-10.2	-7.2	+1.3
Jammu & Kashmir	1976-77	6,816	2,968	1,603	2,455	987	2,762	278	1,554	25	685	9,709	10,424
	1980-81	7,268	3,049	1,759	2,470	1,038	2,825	271	1,508	18	444	10,354	10,296
	% variation	+6.6	+2.7	+9.7	+0.6	+5.2	+2.3		-2.7	-3.0	-29.6	+6.6	-1.2
Karnataka	1976-77	12,742	6,379	8,880	13,190	8,181	22,875	6,314	38,582	1,990	32,542	38,107	1,13,568
	1980-81	14,889	7,331	10,571	15,427	9,177	25,723	6,620	40,178	1,836	28,798	43,093	1,17,457
	% variation	+16.8	+14.9	+19.0	+17.0	+12.2	+12.4		+4.8	+4.1	-7.7	-11.5	+13.1

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Uttara Pradesh	1976-77	19,781	8,648	10,953	16,102	12,657	35,996	12,667	78,352	4,553	77,814	60,611	2,16,912	
	1980-81	21,025	9,301	12,264	17,916	13,715	38,715	12,755	78,759	4,350	77,620	64,109	2,19,311	
	% variation	+6.3	+7.6	+12.0	+11.3	+8.4	+7.6	+0.7	+0.5	-4.4	-4.1	+5.8	+1.1	
Maharashtra	1976-77	15,054	7,062	11,421	16,756	13,395	38,328	13,518	83,378	4,255	65,524	57,643	2,11,048	
	1980-81	20,234	9,764	15,583	22,400	16,529	46,270	13,460	80,796	3,009	43,803	68,815	2,03,033	
	% variation	+34.4	+38.4	+36.4	+33.7	+23.7	+20.7	-0.4	-3.1	-29.3	-33.2	+19.4	-3.8	
Tamil Nadu	1976-77	39,512	16,075	11,258	15,864	6,831	18,758	3,055	17,631	460	7,957	61,116	76,285	
	1980-81	50,147	19,065	12,090	17,100	6,579	18,216	2,691	15,554	398	7,144	71,905	77,079	
	% variation	+26.9	+18.6	+7.4	+7.8	-3.7	+2.9	-11.9	-11.8	-13.5	-10.5	+17.7	+1.0	
Kerala	1976-77	30,692	6,871	2,798	3,838	1,138	3,074	341	1,879	41	1,526	35,010	17,191	
	1980-81	37,280	7,501	2,898	3,982	1,236	3,314	358	1,953	37	1,300	41,809	18,053	
	% variation	+21.5	+9.2	+3.6	+3.8	+8.6	+7.8	+4.9	+3.9	-10.7	-14.8	+19.4	+5.0	
Assam	1976-77	701	380	495	610	200	488	21	99	Neg	5	1,417	1,582	
	1980-81	651	356	476	650	206	534	28	150	Neg	4	1,361	1,694	
	% variation	-7.1	-6.3	-3.8	+6.6	+3.0	+9.4	+33.3	+51.5	Neg	-20.0	-3.9	+7.1	
West Bengal	1976-77	589	315	513	671	452	1,145	138	691	10	134	1,702	2,956	
	1980-81	591	315	514	678	450	1,150	138	684	10	133	1,703	2,960	
	% variation	+0.4	+0.2	+0.1	+1.0	-0.2	+0.4	-0.6	-1.0	0	-1.7	+0.1	+0.1	
Madhya Pradesh	1976-77	98	62	145	224	200	601	337	2,283	253	4,686	1,033	7,856	
	1980-81	102	46	201	262	156	415	330	2,026	371	5,846	1,160	8,595	
	% variation	+4.1	+25.8	+38.6	+17.0	-22.0	-31.0	-2.1	-11.3	+46.6	+24.8	+12.3	+9.4	
Tamil Nadu	1976-77	16,751	8,532	10,435	14,651	6,021	15,999	2,333	13,045	361	5,285	35,901	57,512	
	1980-81	15,558	7,926	8,928	12,198	6,106	15,810	2,389	13,181	285	3,927	33,266	53,042	
	% variation	-7.1	-7.1	-14.4	-16.7	+1.4	+1.2	+2.4	+1.0	-21.1	-25.7	-7.3	-7.8	

Uttar Pradesh	1976-77	1,17,734	42,639	27,814	38,549	16,266	44,376	7,042	39,835	856	13,205	1,69,712	1,78,604
	1980-81	1,25,722	46,150	28,981	40,635	16,137	44,129	6,612	37,680	721	11,113	1,78,173	1,79,707
	% variation	+6.8	+8.2	+4.2	+5.4	-0.8	+0.6	-6.1	-5.4	-15.8	-15.9	+5.0	+0.6
Himachal Pradesh	1976-77	3,398	1,430	1,364	1,966	950	2,632	425	2,475	77	1,595	6,214	10,098
	1980-81	3,526	1,463	1,402	2,002	965	2,650	419	2,434	69	1,246	6,381	9,795
	% variation	+3.8	+2.3	+2.8	+1.9	+1.6	+0.7	-1.4	-1.7	-10.4	-21.9	+2.7	-3.0
Punjab	1976-77	6,374	2,607	2,730	3,963	2,877	8,152	2,533	15,713	614	10,820	15,038	41,255
	1980-81	1,973	1,182	1,994	2,809	2,874	7,909	2,691	15,657	739	11,347	10,271	38,904
	% variation	-69.0	-54.7	-27.0	-29.1	+3.1	+3.1	+6.2	-0.4	+20.4	+4.9	-31.7	-5.7
Rajasthan	1976-77	13,196	5,835	7,992	11,484	8,672	24,833	8,737	54,925	5,057	1,05,932	43,654	2,03,009
	1980-81	13,171	6,330	8,777	12,705	9,176	26,204	8,847	55,241	4,898	98,840	44,869	1,99,320
	% variation	-0.2	+8.5	+9.8	+10.6	+5.8	+5.5	+1.3	+0.6	-3.1	-6.7	+2.8	-1.8
Sikkim	1976-77	107	54	78	113	74	210	43	252	9	166	311	795
	1980-81	255	120	131	188	109	305	58	335	9	143	562	1,091
	% variation	+138.3	+122.2	+67.9	+66.4	+47.3	+45.2	+34.9	+32.9	Nil	-13.9	+807	+32.2
West Bengal	1976-77	35,021	14,175	10,826	14,899	5,457	14,144	1,344	6,918	19	2,074	52,667	52,210
	1980-81	40,960	16,197	11,489	17,335	5,194	14,032	1,119	5,949	14	2,035	58,776	55,548
	% variation	+17.0	+14.3	+6.1	+16.3	-4.8	-0.8	-16.7	-14.0	-26.3	-1.9	+11.6	+6.4
Union Territories	1976-77	1,31,020	622,337	57,206	80,883	48,271	1,30,995	31,582	1,88,835	13,768	2,56,409	2,81,847	7,19,465
	1980-81	1,42,917	61,648	63,606	89,239	50,718	1,34,669	34,678	2,00,991	7,128	1,70,377	2,99,047	6,56,924
	% variation	+9.1	-1.2	+12.2	-10.3	+5.1	+2.8	+9.8	+6.4	-48.2	-33.6	+6.1	-8.7

Note : + (Plus) indicates increase
- (Minus) indicates decrease
0 (Zero) indicates no change

Source : Government of India, Directorate of Economics and Statistics, Department of Agriculture and Co-operation, Ministry of Agriculture and Rural Development, 'Agricultural Situation in India,' August 1985.

Table 5.9

Direction of change in number of holdings
in 1980-81 over 1976-77.

State	: Marginal : holdings : (below : 1.0 ha.)	: Small : hold- : ings : (1.0- : 2.0 : ha.)	: Semi- : medium : hold- : ings : (2.0- : 4.0 ha)	: Medium : hold- : ings : (4.0- : 10.0 : ha.)	: Large : hold- : ings : (10 : ha. & : above)	: All : cate- : gories
Andhra Pradesh	+	+	+	-	-	+
Bihar	+	+	+	-	-	+
Chhatisgarh	+	+	+	-	-	+
Gujarat	+	+	+	+	-	+
Karnataka	+	+	+	-	-	+
Kerala	+	+	+	-	-	+
Madhya Pradesh	+	+	+	+	-	+
Maharashtra	+	+	+	-	-	+
Tamil Nadu	+	+	-	-	-	+
Uttar Pradesh	+	+	-	-	-	+
West Bengal	+	+	+	+	-	+
Assam	-	-	+	+	Neg	-
Goa	+	+	-	-	0	+
Haryana	+	+	-	-	+	+
Jammu & Kashmir	-	-	+	+	-	-
Kerala	+	+	-	-	-	+
Mizoram	+	+	-	-	-	+
Nagaland	+	+	-	-	-	+
Odisha	+	+	-	-	-	+
Punjab	-	-	+	+	+	-
Rajasthan	-	+	+	+	-	+
Uttarakhand	+	+	+	+	0	+
West Bengal	+	+	-	-	-	+
Union Territories	+	+	+	+	-	+

Note : (Plus) - indicates increase
(Minus) - indicates decrease
(Zero) - indicates no change

Source : Compiled from Table 5.8

Table 5.10

Direction of change in area of holdings in 1980-81
over 1976-77

State	: Marginal : holdings : (below : 1.0 ha.)	: Small : hold- : -ings : (1.0- : 2.0 : ha.)	: Semi- : medium : hold- : -ings : (2.0- : 4.0 ha)	: Medium : hold- : -ings : (4.0- : 10.0 : ha.)	: Large : hold- : -ings : (10 : ha. & : above)	: All : cate- : gories
Andhra Pradesh	+	+	+	-	-	-
Assam	+	+	+	-	+	+
Bihar	+	+	+	-	-	Neg.
Gujarat	+	+	+	+	-	+
Haryana	+	+	+	-	-	-
Jammu & Kashmir	+	+	+	-	-	-
Karnataka	+	+	+	+	-	+
Madhya Pradesh	+	+	+	+	-	+
Maharashtra	+	+	+	-	-	-
Tamil Nadu	+	+	+	-	-	+
Uttar Pradesh	+	+	+	-	-	+
Kerala	+	+	+	+	-	+
Manipur	-	+	+	+	-	+
Meghalaya	+	+	+	-	-	+
Nagaland	+	+	-	-	+	+
Orissa	-	-	+	+	-	-
Tripura	+	+	+	-	-	+
Himachal Pradesh	+	+	+	-	-	-
Punjab	-	-	+	-	+	-
Rajasthan	+	+	+	+	-	-
Sikkim	+	+	+	+	-	+
West Bengal	+	+	-	-	-	+
Union Territories	-	-	+	+	-	-

Note : (Plus) - indicates increase
(Minus) - indicates decrease
(Zero) - indicates no change

Source : Compiled from Table 5.8

medium and large holdings. There was overall decline of area of operational holdings in 1980-81 over 1976-77 in Punjab except for semi-medium and large holdings, in Andhra Pradesh, Haryana, Jammu & Kashmir, Maharashtra, and Himachal Pradesh except for marginal, small and semi-medium holdings, in Rajasthan except for marginal, small, semi-medium and medium holdings and in Orissa except for semi-medium and medium holdings.

In the twenty two states under study, only in 12 states (Assam, Gujarat, Karnataka, Madhya Pradesh, Tamil Nadu, Uttar Pradesh, Kerala, Meghalaya, Nagaland, Tripura, Sikkim and West Bengal) the number and area of operational holdings increased in 1980-81 over 1976-77. On the other hand, Andhra Pradesh, Haryana, Jammu & Kashmir, Maharashtra, Himachal Pradesh, Rajasthan and Bihar the number of holdings increased and area of operational holdings decreased in 1980-81 over 1976-77. Only in two states (Orissa and Punjab) both the number and area of operational holdings declined in 1980-81 over 1976-77.

In case of Union Territories there was overall increase in the number of operational holdings in 1980-81 over 1976-77 except for large holdings and there was overall decline in the area of operational holdings except for semi-medium and medium holdings in 1980-81 over 1976-77.

With the kind of changes in area of operation described above, the result was increasing proportion of

agricultural land coming under the size groups marginal, small and semi-medium which was in consonance with the changes in the number of holdings.

These changes are bound to affect adversely the average size of holdings in each state. Details in this respect can be noted from Table 5.11 in which changes in the average size of holding in 1980-81 over 1976-77 are given. The average size of holdings in all categories decreased in 1980-81 over 1976-77 in Andhra Pradesh, Bihar, Gujarat, Haryana, Jammu & Kashmir, Karnataka, Maharashtra, Tamil Nadu, Uttar Pradesh, Kerala, Nagaland, Tripura, Himachal Pradesh, Rajasthan, Sikkim, Madhya Pradesh Orissa, west Bengal while it remained unchanged in Meghalaya and Assam. It increased only in Punjab and Manipur. In case of Union Territories there was decline in average size of holdings in 1980-81 over 1976-77 in Arunachal Pradesh, Chandigarh, Dadra & Nagar Haveli, Delhi, Goa, Daman & Diu, and Pondicherry, but remained constant in Mizoram, Lakshadweep and Andaman & Nicobar Islands.

In sum, data from the NSS Rounds as well as Agricultural Censuses have brought out statewide variations in the direction of change in both the number and area of operational holdings. There has occurred almost a reshuffling in the distribution of land holdings among different size groups with a definite tilt towards the lower size groups. Consequently, with exception, all the regions of the country have experienced an overall decline in the average size of land holding.

Average size of holdings (ha.)

Size class of holdings

State : Year : Marginal (below : Small (1.0 ha.- : Semi-medium : Medium (4.0 ha.- : Large (10.0 ha. & : All categories : (1.0 ha.) : 2.0 ha.) : (2.0 ha.-2.0 ha.) : 10.0 ha.) : above) : (ha.)

1	2	3	4	5	6	7	8
Uttar Pradesh	1976-77	0.5	1.5	2.8	6.2	17.1	2.3
	1980-81	0.5	1.5	2.7	5.9	16.5	1.9
Assam	1976-77	0.4	1.4	2.7	5.5	55.3	1.4
	1980-81	0.4	1.4	2.7	5.3	77.7	1.4
Bihar	1976-77	0.36	1.34	2.69	5.66	17.62	1.11
	1980-81	0.35	1.35	2.73	5.74	17.11	0.99
Gujarat	1976-77	0.50	1.46	2.87	6.19	15.08	3.71
	1980-81	0.53	1.47	2.86	6.14	14.60	3.45
Karnataka	1976-77	0.5	1.4	2.9	6.2	16.6	3.6
	1980-81	0.5	1.6	2.9	6.2	17.2	3.5
Jammu & Kashmir	1976-77	0.4	1.5	2.8	5.6	27.1	1.1
	1980-81	0.4	1.4	2.7	5.6	24.9	1.0
Karnataka	1976-77	0.5	1.5	2.8	6.1	16.4	3.0
	1980-81	0.5	1.5	2.8	6.1	16.1	2.7
Maharashtra	1976-77	0.47	1.46	2.86	6.17	15.40	3.66
	1980-81	0.48	1.44	2.80	6.00	14.56	2.95
Tamil Nadu	1976-77	0.41	1.41	2.75	5.77	17.28	1.25
	1980-81	0.40	1.49	2.68	5.64	17.97	1.08

1	2	3	4	5	6	7	8
Uttar Pradesh	1976-77	0.36	1.39	2.73	5.66	15.43	1.05
	1980-81	0.36	1.37	2.72	5.65	15.27	1.00
Kerala	1976-77	0.22	1.37	2.70	5.50	37.29	0.49
	1980-81	0.20	1.37	2.68	5.45	35.59	0.43
Meghalaya	1976-77	0.53	1.31	2.54	4.99	13.90	1.74
	1980-81	0.53	1.32	2.55	4.97	13.69	1.74
Nagaland	1976-77	0.63	1.54	3.01	6.77	18.52	7.61
	1980-81	0.45	1.31	2.67	6.14	15.73	7.41
Tripura	1976-77	0.46	1.43	2.68	5.37	41.81	1.25
	1980-81	0.49	1.52	2.79	5.58	50.26	1.08
Himachal Pradesh	1976-77	0.42	1.44	2.77	5.82	20.71	1.63
	1980-81	0.41	1.43	2.75	5.81	18.01	1.54
Punjab	1976-77	0.41	1.45	2.92	6.20	17.62	2.74
	1980-81	0.60	1.41	2.75	5.82	15.35	3.79
Rajasthan	1976-77	0.44	1.44	2.86	6.29	20.90	4.65
	1980-81	0.48	1.45	2.86	6.24	20.18	4.44
Sikkim	1976-77	0.50	1.45	2.84	5.86	18.44	2.56
	1980-81	0.47	1.44	2.80	5.78	15.89	1.94
Madhya Pradesh	1976-77	0.4	1.5	2.8	6.2	17.1	3.6
	1980-81	0.4	1.5	2.8	6.2	17.2	3.4
Orissa	1976-77	0.51	1.40	2.66	5.59	14.64	1.60
	1980-81	0.51	1.37	2.59	5.52	13.78	1.59

West Bengal	1976-77	0.40	1.38	2.59	5.15	109.16	0.99
	1980-81	0.39	1551	2.70	5.32	145.36	0.94
Chandigarh	1976-77	0.54	1.23	2.44	4.71	-	1.12
	1980-81	0.55	1.36	2.59	5.36	-	1.24
Andaman & Nicobar Islands	1966-77	0.4	1.5	2.5	4.3	61.0	3.0
	1980-81	0.5	1.4	2.4	4.3	70.9	3.0
Arunachal Pradesh	1976-77	0.6	1.4	2.8	6.2	18.4	5.9
	1980-81	0.6	1.4	2.7	6.0	22.2	4.3
Chandigarh	1976-77	0.4	1.4	2.8	6.0	12.0	1.4
	1980-81	0.4	1.4	2.8	5.8	-	1.3
Chennai & Nagar	1976-77	0.5	1.4	2.7	5.9	19.2	2.0
Haveli	1980-81	0.5	1.3	2.7	5.9	16.8	1.9
Delhi	1976-77	0.4	1.5	2.8	6.0	16.0	2.4
	1980-81	0.5	1.5	2.9	6.0	14.8	2.3
Goa, Daman & Diu	1976-77	0.5	1.7	3.2	6.9	25.7	1.1
	1980-81	0.4	1.4	2.6	6.0	50.8	1.2
Lakshadweep	1976-77	0.3	1.4	2.8	6.3	27.1	0.5
	1980-81	0.3	1.3	2.7	5.3	24.6	0.5
Mizoram	1976-77	0.7	1.3	2.4	5.0	15.2	1.5
	1980-81	0.7	1.4	2.4	4.8	21.0	1.5
Pondichery	1976-77	0.4	1.4	2.8	5.9	17.4	1.1
	1980-81	0.3	1.4	2.7	5.9	17.3	1.0

Source : Government of India, Directorate of Economics and Statistics, Department of Agriculture and Co-operation, Ministry of Agriculture and Rural Development, 'Agricultural Situation in India 1980-81'.