



HABITAT

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These tables attempt to give abroad picture of the status of the habitat of Madhya Pradesh. A large amount of data regarding houses and household access to amenities has been released by the census for the year 1991. These tables present relevant information from this data.

HA1- Forest Cover in Madhya Pradesh

District	Forest Area Assessment -1993(in sq. Kms.)					Forest Area Assessment -1997(in sq. kms.)					Per Capita Forest Area in	
	Dense forest of total area	% dense forest cover area to their total geographical area	Open forest	Total	% of Forest Cover to Geographical Area	Geographic Area	Dense Forest	Open Forest	Total Forest	Change compared to 1993	1981 Census	1991 Census
BASTAR	18893	48.3	3501	22394	57.25%	39114	15851	7287	23138	744.00	1.180	0.950
PANNA	743	10.41	2204	2947	41.30%	7135	895	1814	2709	-238.00	0.750	0.590
SARGUJA	10488	46.95	1618	12106	54.20%	22337	8148	3395	11543	-563.00	0.740	0.580
MANDLA	4750	35.8	613	5363	40.42%	13269	4628	1092	7520	357.00	0.730	0.520
RAISEN	1568	18.52	979	2547	30.09%	8466	1659	932	2591	44.00	0.480	0.380
RAIGARH	3313	25.63	1175	4488	34.73%	12924	2945	1685	4630	142.00	0.490	0.350
DAMOH	934	12.78	2200	3134	42.90%	7306	721	2257	2978	-156.00	0.430	0.340
BETUL	2906	28.94	654	3560	35.45%	10043	2964	635	3599	39.00	0.430	0.340
EAST MINAR	2694	24.99	1432	4126	38.28%	10779	2327	1081	3408	-718.00	0.410	0.330
GUNA	1025	9.26	1593	2618	23.66%	11065	458	1514	1972	-646.00	0.430	0.320
SHADHOOL	3052	21.78	1334	4386	37.19%	14028	1991	2186	4177	-209.00	0.410	0.320
SIDHI	3217	30.56	689	3915	53.29%	10526	2409	1614	4023	108.00	0.440	0.320
BALAGHAT	4590	49.73	328	4918	39.63%	9229	3921	849	4770	-148.00	0.350	0.300
MORENA	1937	16.71	2658	4595	24.35%	11594	1779	1624	4403	-192.00	0.380	0.290
SHIVPURI	921	8.96	1582	2503	37.41%	10278	931	1400	2331	-172.00	0.380	0.290
CHHINDWARA	3029	25.64	1391	4420	34.16%	11815	2709	1965	4674	254.00	0.350	0.280
SEONI	2340	26.72	652	2992	33.38%	8758	2151	1020	3171	179.00	0.340	0.280
HOSHANGABAD	2590	25.8	760	3350	26.03%	10037	2829	459	3288	-62.00	0.340	0.270
DEWAS	1232	17.55	595	1827	21.83%	7020	1103	535	1638	-189.00	0.360	0.240
EAST MINAR	1275	9.48	1661	2936	20.33%	13450	957	1061	2018	-918.00	0.310	0.240
SEHORE	584	8.88	753	1337	34.87%	6578	589	759	1348	11.00	0.260	0.210
BILASPUR	5825	29.28	1114	6939	35.78%	19897	5091	1316	6407	-532.00	0.270	0.210
RAJNANDGAON	3246	29.17	753	3981	32.24%	11127	2854	908	3762	-219.00	0.250	0.200
RAIPUR	5115	24.06	1739	6851	18.58%	21258	4518	1721	6239	-615.00	0.230	0.180
CHHATERPUR	1414	16.28	200	1614	22.96%	8687	844	715	1559	-55.00	0.220	0.170
SAGAR	1552	15.13	802	2354	15.54%	10252	1276	1388	2664	310.00	0.210	0.170
JHABUA	568	8.38	486	1054	24.12%	6782	364	459	823	-231.00	0.240	0.170
NARSIMHAPUR	664	12.94	574	1238	22.61%	5133	773	572	1345	107.00	0.210	0.160
SATNA	359	4.78	1337	1696	12.64%	7502	554	1052	1604	-92.00	0.190	0.150
MANDSAUR	485	4.95	753	1238	5.25%	9791	465	726	1191	-47.00	0.180	0.150
RATLAM	34	0.7	221	255	31.16%	4861	0	164	164	-91.00	0.150	0.130
VIDISHA	533	7.23	437	970	23.59%	7371	240	547	787	-183.00	0.150	0.120
GWALIOR	403	7.73	827	1230	6.91%	5214	559	845	1404	174.00	0.120	0.100
DHAR	78	0.96	485	563	5.21%	8153	120	514	634	71.00	0.130	0.100
TIKAMGARH	76	1.5	187	263	20.98%	5048	46	173	219	-44.00	0.100	0.080
JABALPUR	1494	14.7	638	2132	3.09%	10160	1087	916	2003	-129.00	0.110	0.080
DATIA	14	0.67	49	63	8.77%	2038	40	53	93	30.00	0.090	0.070
REWA	383	6.11	171	554	8.46%	6314	206	354	560	6.00	0.080	0.070
DURG	579	6.78	143	722	13.65%	8537	453	263	716	-6.00	0.090	0.070
INDORE	345	8.63	187	532	6.04%	3898	225	199	424	-108.00	0.060	0.050
RAJGARH	225	3.66	147	372	8.55%	6154	20	104	124	-248.00	0.040	0.030
BHOPAL	47	1.7	190	237	1.64%	2772	40	257	297	60.00	0.050	0.030
BHINDI	17	0.38	56	73	1.64%	4459	5	42	47	-26.00	0.008	0.006
SHAJAPUR	-	-	-	-	--	6196	0	0	0	--	0.008	0.006
UJJAIN	-	-	-	-	--	6091	0	1	1	--	0.004	0.002
MADHYA PRADESH	95537		39859	135396	30.53%	443446	82745	48450	131195	-4201.00	0.300	0.230

Source: Environment planning and Co-operation Organisation(EPCO), Madhya Pradesh 1996 third Environmental Status Report of Madhya Pradesh

HA2-- Selected Information on Urban Slums and Towns

District	SLUMS			
	Name of Town(s)	% of Population of Town residing in Slums	Area of Slums (sq km)	Density of population in Slums (persons/sq. km.)
SEHORE	Sehore	1.34	0.50	14000
RAIPUR	Raipur, Dhartari	4.78	9.60	1961
SATNA	Satna	5.34	3.00	1611
RATLAM	Ratlam	5.35	0.62	12282
VIDISHA	Vidisha	5.95	2.30	1696
BHOPAL	Bhopal	6.22	0.57	73268
EAST MINAR	East Nimar, Burhnapur	7.58	4.35	8417
SEONE	Seoni	8.30	2.00	2242
RAJNANGAON	Rajnandgaon	9.11	0.34	23156
BASTAR WEST NIMAR GWALIOR	jagadalpur	10.09	0.27	19174
SHIVPURI	West Nimar	10.62	3.10	1806
INDORE	Gwalior	11.09	0.96	62292
HOSHANGABAD	Shivpuri	11.09	2.08	4062
CHHATARPUR	Indore, Mhow	11.16	19.42	6062
MANDSAUR	Itarsi	13.05	1.00	8302
SAGAR	Chhatarpur	13.28	5.75	1256
DURG	Mandsaur, Neemuch	13.90	0.58	34960
UJJAIN	Sagar	14.13	5.85	4188
MORENA	Durg, Dallirajahara	15.27	11.15	2547
REWA	Ujjain, Nagda	16.71	5.99	9544
BILASPUR	Morena	17.06	5.95	2118
CHHINDWARA	Rewa	18.03	14.60	1338
BALAGHAT	Bilashpur, Korba	19.40	6.28	3534
BHIND	Chhindwara	21.09	0.17	112841
DEWAS	Balaghat	25.52	3.80	3643
RAJGARH	Bhind	27.93	7.45	2852
RAIGARH	Dewas	28.52	5.61	4260
JABALPUR	Rajgarh	28.63	3.32	6340
GUNA	Raigarh	30.93	3.32	6340
DAMOH	Jabalpur, Murwara	30.93	11.43	22932
SHADHOL	Guna	37.88	13.90	1394
SIDHI	---	43.25	---	---
SHAJAPUR	---	----	---	--
JHABUA	----	--	--	--
DHAR	-----	---	----	---
RAISEN	-----	---	--	--
BETUL	-----	--	---	--
NARSIMHAPUR	-----	--	---	---
MANDLA	-----	--	-	---
SARGUJA	----	--	--	--
DATIA	-----	---	---	---
TIKAMGARH	-----	---	---	--
PANNA	-----	--	---	---
MADHYA PRADESH	-----	---	-----	---

Source: Environment Planning and Co-ordination Organisation (EPCO). Madhya Pradesh, 1996 Third Environment status Report of Madhya Pradesh

HA3- Households Occupying Pucca, Semi-pucca and Kucca Houses, 1991

District	Pucca			Semi Pucca			Kutcha		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	urban
Tikamgarh	67.59	67.54	67.87	32.20	32.25	31.92	0.21		0.22
Datia	60.21	56.43	72.65	39.31	43.21	26.49	0.48	0.21	0.86
Chhatarpur	30.58	23.64	61.01	68.81	75.64	38.89	0.60	0.36	0.11
Satna	20.74	13.05	51.01	78.25	85.96	47.90	1.01	0.72	1.08
Panna	15.64	10.89	48.71	83.26	87.95	50.71	1.09	0.99	0.58
Sarguja	8.38	2.05	51.91	90.44	96.66	47.60	1.19	1.17	0.49
damoh	59.39	57.75	67.24	39.33	40.78	32.35	1.29	1.29	4.41
Rewa	12.81	6.69	45.53	85.78	91.82	53.58	1.40	1.47	0.89
	36.42	12.12	67.01	62.14	85.97	32.14	1.44	1.50	0.86
Jabalpur	9.93	5.49	57.84	88.43	93.48	33.94	1.64	1.91	8.22
Sindhi	29.19	15.05	51.35	68.84	82.51	47.42	1.97	1.03	1.24
Durg	49.57	39.42	76.69	48.43	58.24	22.20	2.00	2.44	1.11
Sagar	17.64	8.27	51.80	80.28	39.24	47.62	2.08	2.33	0.58
Shahdol	27.47	20.93	55.33	70.38	76.59	43.93	2.15	2.49	0.74
Raipur	31.61	25.50	66.83	66.22	72.10	32.29	2.17	2.48	0.88
Narsimhapur	36.96	32.39	59.23	60.82	65.19	39.40	2.24	2.40	1.37
Rajgarh	24.28	17.85	55.48	73.27	79.45	43.40	2.46	2.42	1.29
Bilaspur	14.42	7.88	49.37	82.82	89.01	49.75	2.76	2.70	0.89
Rajnandgaon	34.08	28.60	61.25	63.06	68.43	36.39	2.86	3.11	2.36
Raisen	24.08	14.14	63.88	72.80	82.37	34.49	3.12	2.96	1.63
Vidisha	16.39	12.33	56.35	80.15	83.90	43.23	3.46	3.50	0.42
Seoni	41.81	33.72	69.48	54.70	62.63	27.63	3.48	3.77	2.90
Mandsaur	7.25	3.63	42.59	88.98	92.38	55.79	3.77	3.66	1.62
Balaghat	30.02	26.64	61.53	66.16	69.36	36.32	3.82	3.99	2.15
Jhabua	33.11	28.45	54.91	62.98	67.04	17.70	3.91	4.00	1.13
Shajapur	74.19	73.16	80.01	21.59	22.27	14.35	4.23	4.51	2.29
Shivpuri	69.32	47.49	84.11	26.26	43.85	34.54	4.41	4.56	1.53
Gwalior	22.34	12.53	59.96	73.24	83.34	37.03	4.41	8.66	5.50
Betul	38.44	33.44	60.14	56.62	61.14	46.19	4.93	4.13	2.83
Sehore	23.28	20.89	52.88	71.59	73.64	40.66	5.13	5.42	0.93
Mandla	20.86	9.31	57.56	73.90	84.35	44.06	5.24	5.47	1.78
Chhindwara	26.17	19.57	52.76	68.53	74.61	46.27	5.30	6.34	3.18
Guna	23.23	18.24	50.04	71.26	75.91	39.59	5.51	5.82	3.69
West Nimar	32.49	28.68	57.13	61.69	65.11	29.89	5.81	5.85	3.28
Dhar	52.55	22.85	66.10	41.14	65.80	64.35	6.31	6.21	4.01
Indore	8.28	5.67	35.18	85.15	87.17	32.48	6.57	11.35	0.48
Raigarh	28.36	12.35	63.94	64.86	79.43	20.11	6.78	7.16	3.58
Ratlam	49.95	39.07	77.50	43.26	52.39	36.08	6.79	8.22	2.38
Hoshangabad	33.63	24.20	58.63	59.30	68.06	22.79	7.07	8.53	5.28
Dewas	58.03	15.42	68.12	33.87	80.65	29.37	8.10	7.74	9.09
Bhopal	35.26	13.78	67.93	55.55	72.76	39.49	9.19	3.94	2.70
Ujjain	28.57	18.89	56.73	61.79	69.45	8.69	9.64	13.46	3.77
East Nimar	67.71	63.02	85.13	17.14	19.42	18.50	15.14	11.66	6.18
Morena	52.00	46.05	73.93	27.91	30.60	46.17	20.09	17.56	7.57
Bhind	7.39	3.94	48.13	71.28	73.41	35.25	21.32	23.49	5.70
Bastar	7.39	20.93	62.15	64.87	73.79	17.69	4.66	22.65	2.61
Madhya Pradesh	30.47	3.94	72.75	30.95	35.65		27.44	5.28	9.56
India	41.61	30.59	72.75	3095	35.65	17..69	27.44	33.76	9.56

Source: Census of India 1991, Madhya Pradesh, Housing and Amenities (A database for District Cities and Towns)

HA 3-- Households Occupying Pucca, Semi-Pucca and Kucca Houses, 1991

District	Serviceable Kutcha			Non-Serviceable Kutcha		
	Total	Rural	Urban	Total	Rural	Urban
Tikamgarh	0.18	0.18	0.22	0.02	0.03	0.00
Datia	0.38	0.24	0.83	0.10	0.12	.03
Chhatarpur	0.39	0.45	0.11	0.22	0.27	0.00
Satna	0.84	0.79	1.3	0.17	0.20	0.05
Panna	0.09	0.90	0.49	0.25	0.27	0.09
Sarguja	0.66	1.18	0.47	0.09	0.10	0.02
damoh	1.14	0.74	0.33	0.62	0.73	0.08
Rewa	1.19	1.2	.83	0.26	0.30	0.06
	1.48	1.58	0.71	0.25	0.34	0.15
Jabalpur	1.79	0.97	7.03	0.16	0.70	1.19
Sindhi	1.30	2.29	10.1	0.18	0.15	0.22
Durg	1.78	1.51	0.75	0.70	0.83	0.36
Sagar	1.92	2.21	.55	0.30	0.37	0.03
Shahdol	1.40	2.23	0.56	0.23	0.25	0.17
Raipur	1.60	1.56	0.48	0.77	0.84	0.40
Narsimhapur	2.12	1.75	0.83	0.65	0.67	0.54
Rajgarh	1.77	2.33	1.10	0.33	0.36	0.18
Bilaspur	1.34	1.99	.62	0.98	1.12	0.27
Rajnandgaon	1.71	1.46	0.77	1.52	1.51	1.59
Raisen	3.04	1.94	.81	1.41	1.56	0.82
Vidisha	3.06	3.31	0.36	0.42	0.46	0.06
Seoni	2.75	3.19	2.61	0.42	0.46	0.29
Mandsaur	2.70	2.89	1.37	1.02	1.10	0.25
Balaghat	2.85	2.82	1.55	1.12	1.18	0.60
Jhabua	3.13	3.32	0.67	1.06	1.19	0.45
Shajapur	4.07	3.32	2.06	1.09	1.25	0.23
Shivpuri	2.09	8.01	1.39	0.35	0.64	0.14
Gwalior	3.92	2.38	3.24	1.86	1.76	2.26
Betul	3.58	2.24	1.47	2.84	3.18	1.36
Sehore	2.99	4.19	0.56	1.21	1.28	0.38
Mandla	3.56	4.28	1.56	1.66	2.06	0.41
Chhindwara	4.67	3.36	1.50	2.31	2.46	1.68
Guna	4.53	3.78	2.35	1.96	2.07	1.35
West Nimar	6.39	5.13	1.68	1.14	1.07	1.60
Dhar	6.21	8.85	2.56	1.17	2.50	1.46
Indore	3.71	6.96	0.48	0.18	0.20	0.00
Raigarh	2.79	7.65	3.02	0.57	0.57	0.56
Ratlam	4.99	4.74	1.10	3.09	3.80	1.28
Hoshangabad	8.51	2.97	2.32	4.28	4.78	2.97
Dewas	4.45	1.78	5.75	3.11	2.16	3.34
Bhopal	13.56	12.54	2.39	0.68	0.92	0.31
Ujjain	19.69	5.29	2.03	5.19	6.37	1.75
East Nimar	16.88	15.62	5.93	1.58	1.94	0.75
Morena	3.55	23.12	7.03	0.40	0.37	0.25
Bhind	19.86	17.95	4.28	4.44	4.70	0.54
Bastar	19.86	4.07	1.82	1.11	1.20	1.42
Madhya Pradesh	19.86	24.52	6.68	7.58	9.24	0.79
India	19.86	24.52	6.68	7.58	9.24	2.88

Source: Census of India, 1991, Madhya Pradesh, Housing and Amenities(A database for District Cities and Towns)

HA 4 - Types of Read Materials Used in Houses - 1991

District	Grass Leaves, Reeds, Thatch, Wood, Mud, Unburnt Bricks			Tiles, Slate, Shingle			Corrugated Zinc or Other Metal Sheets			Asbestos Cement Sheet		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
TIKAMGARH	0.4%	0.4%	0.6%	85.7%	90.6%	57.9%	0.3%	0.1%	1.1%	0.3%	0.2%	0.8%
CHAATARPUR	0.7%	0.8%	0.4%	83.8%	90.2%	53.1%	0.4%	0.1%	1.6%	0.5%	0.3%	1.2%
DATIA	1.0%	0.8%	1.8%	58.1%	66.2%	28.5%	1.1%	0.6%	3.1%	0.2%	0.1%	0.5%
GUNA	1.0%	0.8%	1.8%	58.1%	66.2%	28.5%	1.1%	0.6%	3.1%	0.2%	0.1%	0.5%
PANNA	1.2%	1.2%	1.0%	86.9%	91.4%	52.9%	0.5%	0.4%	1.2%	0.6%	0.6%	0.7%
SATNA	1.2%	1.2%	1.3%	80.0%	89.4%	44.5%	1.2%	0.6%	3.4%	0.7%	0.4%	1.8%
SARGUJA	1.2%	1.3%	0.5%	90.2%	95.8%	55.3%	0.4%	0.2%	1.3%	2.0%	0.5%	11.2%
REWA	1.5%	1.6%	1.0%	87.2%	93.4%	55.8%	0.8%	0.6%	2.0%	0.4%	0.2%	1.5%
SIDHI	1.6%	1.0%	6.7%	86.3%	92.6%	29.7%	0.4%	0.3%	4.5%	1.5%	0.7%	9.1%
JABALPUR	1.7%	2.1%	1.1%	72.0%	91.7%	47.7%	1.5%	0.5%	2.8%	2.2%	0.5%	4.3%
DAMOH	1.9%	2.1%	0.6%	86.4%	91.7%	60.7%	1.2%	0.5%	5.0%	0.4%	0.2%	1.6%
DURG	2.3%	2.7%	1.5%	76.1%	91.4%	50.7%	1.2%	0.5%	2.5%	2.2%	0.7%	5.4%
RAIPUR	2.4%	2.7%	0.6%	85.3%	90.7%	62.2%	0.9%	0.7%	1.7%	0.7%	0.5%	1.5%
SAGAR	2.4%	2.9%	1.3%	76.7%	87.1%	48.2%	1.5%	0.6%	4.1%	0.8%	0.2%	2.4%
SHAHNOL	2.6%	3.1%	0.6%	82.5%	90.8%	54.4%	0.6%	0.3%	3.0%	3.0%	0.3%	9.6%
NARSIMHAPUR	2.6%	2.9%	1.3%	85.7%	87.0%	59.0%	1.3%	0.4%	6.5%	0.6%	0.5%	1.0%
BILASPUR	2.6%	2.9%	1.6%	85.7%	88.1%	58.6%	1.6%	1.1%	3.5%	1.7%	0.3%	4.5%
RAJNANDGAON	3.0%	3.4%	1.1%	87.6%	91.4%	67.8%	0.9%	0.3%	3.8%	0.9%	1.0%	3.1%
VIDISHA	3.1%	3.5%	1.5%	74.2%	83.0%	35.3%	1.0%	0.3%	4.0%	0.5%	0.5%	1.3%
RAJGARH	3.2%	3.5%	1.5%	74.6%	81.4%	44.0%	4.9%	2.7%	14.7%	0.5%	0.3%	1.6%
RAISEN	3.4%	3.4%	2.6%	77.3%	82.9%	50.9%	1.8%	0.9%	6.1%	1.2%	1.0%	4.9%
JHABUA	3.9%	4.0%	3.3%	72.9%	77.0%	37.3%	3.9%	2.0%	20.2%	1.1%	0.9%	2.8%
MANDSAUR	4.0%	4.2%	3.2%	58.8%	69.5%	22.7%	8.4%	6.2%	15.9%	0.7%	0.4%	1.8%
WEST NIMAR	4.2%	4.2%	4.4%	43.8%	45.8%	33.1%	16.5%	13.9%	30.8%	1.0%	0.8%	2.0%
SEONI	4.3%	4.6%	0.6%	85.3%	87.8%	60.4%	0.6%	0.2%	4.8%	0.4%	0.5%	2.9%
BALAGHAT	4.7%	5.0%	2.1%	90.0%	92.0%	71.4%	0.7%	0.4%	3.5%	0.6%	0.3%	3.2%
GWALIOR	5.2%	9.7%	1.4%	29.8%	52.6%	9.9%	0.7%	0.2%	1.1%	0.2%	0.3%	0.7%
SHAJAPUR	5.4%	6.1%	1.7%	71.1%	76.9%	43.4%	7.1%	4.3%	19.9%	0.7%	0.5%	1.7%
BETUL	5.4%	5.4%	5.3%	71.9%	77.3%	49.8%	1.8%	1.4%	3.3%	2.0%	0.6%	7.4%
SEHORE	5.8%	6.3%	3.1%	71.6%	77.4%	43.2%	6.1%	3.3%	19.6%	1.1%	0.8%	2.7%
DHAR	6.0%	6.4%	3.1%	58.9%	64.2%	25.4%	18.9%	16.0%	37.3%	2.4%	2.2%	3.5%
HOSHANGABAD	6.2%	7.7%	2.4%	64.9%	72.5%	45.8%	5.3%	2.4%	12.8%	1.5%	0.7%	3.7%
RAIGARH	6.4%	7.0%	0.6%	54.4%	89.7%	69.5%	0.6%	0.2%	3.5%	0.4%	0.3%	1.5%
DEWAS	6.6%	7.3%	4.9%	51.2%	60.3%	24.3%	16.8%	12.4%	29.8%	1.5%	1.0%	3.0%
INDORE	6.9%	11.6%	4.6%	18.7%	39.6%	8.3%	35.5%	32.0%	37.2%	3.7%	6.0%	2.5%
SHIVPURI	7.1%	7.7%	3.0%	46.9%	52.1%	12.7%	0.5%	0.2%	2.2%	0.5%	0.5%	0.6%
RATLAM	7.1%	8.6%	3.6%	48.1%	63.2%	13.2%	21.5%	16.7%	32.6%	2.2%	1.5%	3.8%
BHOPAL	7.4%	4.7%	8.1%	25.5%	83.0%	10.6%	12.2%	2.2%	14.7%	10.5%	1.7%	12.8%
CHHINDWARA	7.6%	9.2%	2.0%	75.9%	80.9%	29.2%	1.6%	0.6%	4.7%	3.5%	1.1%	11.6%
EAST NIMAR	9.3%	11.0%	4.0%	37.7%	44.1%	17.8%	28.4%	22.7%	45.9%	1.5%	0.8%	3.7%
MANDLA	9.3%	9.9%	1.6%	80.4%	81.8%	62.0%	0.7%	0.2%	7.1%	0.6%	0.5%	2.9%
UJJAIN	10.2%	14.1%	3.8%	39.8%	55.1%	14.9%	25.8%	22.3%	31.7%	1.9%	1.3%	3.0%
MORENA	14.9%	17.5%	5.6%	23.5%	28.0%	6.9%	0.7%	0.3%	2.4%	0.6%	0.7%	0.5%
BHIND	20.6%	23.8%	7.6%	29.5%	33.1%	15.2%	0.4%	0.2%	1.5%	0.2%	0.2%	0.2%
BASTAR	21.1%	22.6%	4.7%	65.4%	66.1%	57.8%	1.7%	1.4%	4.6%	1.3%	0.8%	6.7%
MADHYA PRADESH	5.2%	5.9%	2.8%	68.5%	77.8%	37.1%	5.2%	3.3%	11.7%	1.5%	0.7%	4.2%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series), Sanket-MPHDRO

HA 4 - Types of Read Materials Used in Houses - 1991

District	Brick Stone and Lime			Stone			Concrete RBC/RCC			All Other Materials Not Stated		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
TIKAMGARH	4.3%	3.3%	10.2%	3.5%	2.8%	7.4%	4.8%	1.9%	21.0%	0.7%	0.6%	1.0%
CHAATARPUR	7.7%	4.8%	21.8%	0.9%	0.3%	2.1%	5.0%	2.2%	18.2%	1.0%	0.9%	1.5%
DATIA	28.1%	22.6%	48.3%	9.8%	8.8%	13.4%	0.8%	0.1%	3.3%	0.8%	0.7%	1.0%
GUNA	28.1%	22.6%	48.3%	9.8%	8.8%	13.4%	0.8%	0.1%	3.3%	0.8%	0.7%	1.0%
PANNA	6.7%	4.0%	26.4%	1.1%	0.5%	5.9%	0.6%	0.3%	2.7%	2.5%	1.6%	9.2%
SATNA	12.1%	6.2%	34.5%	0.7%	0.5%	1.8%	2.7%	0.6%	10.2%	1.4%	1.1%	2.6%
SARGUJA	0.7%	0.3%	2.9%	0.1%	0.0%	0.3%	4.8%	1.2%	27.8%	0.6%	0.6%	0.7%
REWA	4.1%	2.3%	13.3%	0.9%	0.6%	2.7%	4.1%	0.5%	21.1%	0.9%	0.6%	2.5%
SIDHI	2.2%	2.0%	4.0%	0.5%	0.4%	1.8%	5.8%	2.0%	40.6%	1.3%	1.0%	3.5%
JABALPUR	6.4%	2.7%	11.0%	1.0%	0.3%	1.9%	12.9%	0.6%	27.7%	2.3%	1.4%	3.4%
DAMOH	5.6%	2.3%	21.3%	0.8%	0.7%	1.4%	1.7%	0.6%	7.5%	1.9%	1.9%	1.6%
DURG	0.9%	0.9%	0.9%	0.1%	0.0%	0.1%	15.6%	3.1%	36.3%	1.6%	1.0%	2.7%
RAIPUR	1.1%	0.8%	2.2%	0.2%	0.2%	0.3%	7.3%	2.5%	27.7%	2.2%	1.9%	3.4%
SAGAR	7.1%	3.2%	17.9%	3.9%	2.1%	8.6%	4.4%	1.0%	13.6%	3.1%	2.8%	3.8%
SHAHNOL	4.1%	1.8%	11.9%	0.6%	0.2%	2.0%	5.3%	1.8%	17.0%	1.1%	1.0%	1.2%
NARSIMHAPUR	2.1%	1.4%	6.4%	0.6%	0.3%	2.4%	4.6%	1.7%	19.9%	5.2%	5.5%	3.6%
BILASPUR	1.3%	0.9%	2.8%	0.1%	0.1%	0.1%	8.1%	4.1%	26.3%	1.9%	1.7%	2.6%
RAJNANDGAON	0.9%	0.6%	2.5%	0.0%	0.0%	0.2%	3.8%	1.2%	17.6%	2.8%	2.6%	4.1%
VIDISHA	10.3%	5.0%	33.8%	6.8%	5.2%	13.4%	1.7%	0.3%	7.7%	2.4%	2.3%	3.0%
RAJGARH	10.9%	7.4%	26.7%	3.1%	2.6%	5.8%	1.1%	0.5%	4.0%	1.7%	1.7%	1.5%
RAISEN	2.7%	2.2%	5.3%	2.1%	1.6%	4.5%	5.2%	2.2%	19.7%	6.3%	6.4%	5.7%
JHABUA	2.1%	1.5%	7.9%	0.8%	0.3%	4.9%	2.1%	0.7%	14.3%	13.2%	13.6	9.4%
MANDSAUR	15.8%	12.1%	28.2%	8.1%	5.7%	16.3%	3.0%	1.0%	9.5%	1.2%	0.9%	2.4%
WEST NIMAR	2.9%	2.0%	7.8%	0.7%	0.4%	2.4%	2.8%	1.2%	11.0%	28.0%	31.7%	8.5%
SEONI	0.9%	0.4%	5.4%	0.1%	0.1%	0.5%	2.8%	1.0%	20.5%	5.2%	5.2%	4.8%
BALAGHAT	0.4%	0.3%	1.9%	0.0%	0.0%	0.1%	2.4%	1.0%	15.4%	1.2%	1.0%	2.4%
GWALIOR	31.0%	23.0%	37.9%	23.8%	12.0%	34.0%	4.4%	0.5%	7.8%	4.6%	1.7%	7.2%
SHAJAPUR	8.9%	7.2%	16.8%	2.5%	2.1%	4.5%	2.6%	1.2%	9.5%	1.8%	1.7%	2.4%
BETUL	0.4%	0.4%	0.5%	0.1%	0.1%	0.2%	6.6%	1.4%	27.9%	11.7%	13.3%	5.2%
SEHORE	3.2%	2.6%	6.0%	1.0%	0.8%	1.7%	4.1%	1.4%	17.6%	7.2%	7.4%	6.0%
DHAR	2.9%	2.1%	7.8%	1.3%	0.9%	3.8%	3.3%	1.8%	12.6%	6.4%	6.3%	6.5%
HOSHANGABAD	1.6%	0.7%	3.9%	0.6%	0.3%	1.3%	8.3%	1.6%	25.4%	11.6%	14.3%	4.8%
RAIGARH	0.9%	0.6%	3.5%	0.1%	0.0%	0.3%	2.3%	0.8%	16.3%	1.6%	1.3%	4.7%
DEWAS	4.0%	2.7%	7.9%	1.7%	0.9%	4.3%	5.3%	1.0%	18.1%	12.8%	14.5%	7.7%
INDORE	2.7%	1.5%	3.4%	2.3%	1.1%	2.8%	25.9%	3.5%	37.0%	4.4%	4.7%	4.2%
SHIVPURI	18.4%	17.6%	23.9%	21.5%	17.7%	46.2%	0.5%	0.3%	2.0%	4.6%	3.9%	9.3%
RATLAM	11.0%	5.1%	24.5%	2.5%	0.8%	6.6%	4.3%	0.7%	12.8%	3.2%	3.4%	2.8%
BHOPAL	2.3%	2.1%	2.4%	1.1%	0.9%	1.1%	37.2%	2.1%	46.3%	3.9%	3.3%	4.0%
CHHINDWARA	0.6%	0.5%	1.0%	0.1%	0.1%	0.2%	5.3%	2.0%	16.1%	5.5%	5.6%	5.2%
EAST NIMAR	3.7%	2.4%	7.9%	0.5%	1.2%	1.3%	4.8%	1.5%	14.9%	14.2%	17.3%	4.5%
MANDLA	0.6%	0.4%	3.0%	0.1%	0.0%	0.9%	1.4%	0.4%	14.5%	6.9%	6.8%	8.2%
UJJAIN	10.7%	4.1%	21.4%	3.4%	1.1%	7.3%	6.4%	0.8%	15.6%	1.7%	1.3%	2.4%
MORENA	39.6%	35.3%	55.6%	15.5%	13.2%	23.8%	0.9%	0.6%	2.0%	4.3%	4.6%	3.2%
BHIND	37.2%	33.5%	51.7%	9.8%	7.9%	17.3%	0.5%	0.5%	0.7%	1.8%	0.8%	5.7%
BASTAR	0.4%	0.2%	1.8%	0.3%	0.3%	0.4%	2.2%	0.7%	18.9%	7.7%	7.9%	5.0%
MADHYA PRADESH	6.2%	4.4%	12.6%	2.6%	1.8%	5.4%	6.2%	1.4%	22.1%	4.5%	4.7%	3.9%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series), Sanket-MPHDRO

HA 5 - Ownership Status and Size of Households in Madhya Pradesh 1991

DISTRICT	Owned Houses			Rented Houses			Households with 1-2 Persons		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
BHIND	95.8%	99.0%	83.8%	3.9%	0.7%	15.6	8.7%	8.0%	11.1%
MORENA	94.5%	98.4%	80.0%	4.9%	1.1%	19.2	9.3%	8.8%	11.1%
TIKAMGARH	96.2%	98.4%	84.5%	3.3%	1.2%	14.6%	13.0%	12.8%	13.6%
REWA	95.5%	98.4%	80.2%	4.0%	1.3%	18.5%	14.8%	14.1%	18.5%
DATIA	93.5%	97.9%	78.9%	5.5%	1.4%	19.1%	12.0%	11.4%	13.9%
GWALIOR	81.4%	97.7%	70.4%	17.1%	1.5%	27.7%	10.9%	10.2%	11.4%
RAJGARH	93.7%	97.9%	73.5%	5.5%	1.5%	25.0%	10.2%	9.3%	14.5%
CHHATARPUR	94.1%	97.8%	77.9%	5.3%	1.7%	20.9%	14.1%	13.9%	15.0%
SHIVPURI	93.6%	97.6%	71.2%	5.5%	1.8%	26.9%	13.3%	13.2%	13.9%
GUNA	91.1%	96.9%	67.8%	7.6%	2.1%	30.1%	11.6%	10.8%	14.7%
PANNA	94.8%	97.3%	77.3%	4.5%	2.2%	21.0%	15.3%	15.0%	17.4%
VIDISHA	90.5%	95.8%	69.5%	7.6%	2.3%	29.1%	13.2%	13.0%	13.8%
SATNA	92.3%	96.8%	74.2%	6.8%	2.4%	24.0%	15.2%	14.4%	18.2%
SEHORE	91.2%	95.8%	71.2%	6.8%	2.4%	26.1%	11.2%	10.7%	13.6%
UJJAIN	81.1%	96.5%	57.5%	17.5%	2.4%	40.5%	11.4%	10.2%	13.2%
JABALPUR	80.1%	96.3%	59.8%	18.2%	2.5%	37.9%	14.6%	15.3%	13.8%
RAIGARH	93.9%	96.3%	69.2%	4.8%	2.5%	28.3%	15.8%	15.5%	19.8%
BHOPAL	64.1%	93.7%	57.0%	33.1%	2.6%	40.3%	13.8%	13.8%	13.8%
SHAJAPUR	92.0%	96.5%	70.9%	6.9%	2.6%	27.2%	11.2%	10.7%	13.5%
NARSIMHAPUR	88.9%	94.1%	72.5%	6.0%	2.8%	24.7%	12.8%	12.6%	13.7%
DURG	81.6%	95.0%	60.7%	16.3%	2.8%	37.6%	15.9%	15.1%	17.0%
DEWAS	87.5%	94.9%	67.9%	10.2%	2.9%	29.8%	11.3%	10.1%	14.3%
RATLAM	85.8%	96.3%	62.5%	12.9%	2.9%	35.2%	11.4%	10.7%	13.0%
RAISEN	89.5%	94.2%	65.8%	8.0%	3.0%	32.7%	13.7%	12.9%	18.1%
SAGAR	87.6%	95.1%	67.5%	10.5%	3.1%	30.5%	15.0%	15.4%	13.8%
RAIPUR	90.4%	94.7%	71.9%	7.4%	3.1%	26.0%	15.1%	14.9%	15.7%
SIDHI	90.8%	95.3%	42.4%	7.1%	3.1%	50.1%	15.9%	14.7%	28.5%
JHABUA	93.1%	96.4%	61.9%	6.3%	3.1%	36.0%	7.2%	6.3%	14.9%
RAJNANDGAON	91.2%	95.3%	69.2%	7.2%	3.2%	28.4%	15.7%	15.1%	18.5%
DAMOH	91.0%	95.1%	76.0%	6.6%	3.3%	22.7%	16.3%	16.4%	15.4%
SARGUJA	88.3%	95.9%	49.8%	8.7%	3.4%	45.7%	16.0%	15.6%	18.3%
SHAHDOL	92.6%	95.7%	61.6%	10.2%	3.4%	35.0%	17.2%	16.7%	19.3%
MANDLA	92.6%	94.8%	65.6%	6.0%	3.8%	33.2%	14.1%	13.8%	16.9%
BASTAR	92.5%	95.3%	59.9%	6.7%	4.0%	38.1%	13.8%	13.4%	18.9%
HOSHANGABAD	83.5%	93.6%	58.1%	14.1%	4.0%	39.5%	13.7%	13.2%	14.9%
BALAGHAT	91.3%	94.6%	58.9%	7.0%	4.1%	35.4%	12.7%	12.4%	16.1%
INDORE	70.9%	91.6%	61.5%	25.9%	4.5%	35.6%	11.7%	11.0%	12.0%
MANDSAUR	88.4%	94.6%	67.0%	10.5%	4.5%	31.0%	12.4%	12.1%	13.7%
SEONI	89.8%	92.4%	64.2%	7.2%	4.5%	33.4%	12.6%	12.2%	16.4%
BILASPUR	89.4%	94.2%	66.2%	9.2%	4.6%	31.3%	16.1%	15.7%	17.7%
BETUL	86.8%	93.8%	59.9%	11.9%	4.9%	38.8%	12.0%	11.2%	15.1%
DHAR	89.2%	93.4%	62.0%	9.0%	5.2%	33.2%	10.4%	9.6%	15.7%
EAST NIMAR	84.8%	91.0%	66.7%	11.6%	5.4%	29.6%	11.3%	11.5%	10.9%
WEST NIMAR	88.5%	92.7%	66.3%	9.9%	5.9%	31.3%	9.5%	8.8%	13.2%
CHHINDWARA	82.7%	90.7%	57.2%	13.2%	6.0%	39.0%	12.5%	11.8%	14.7%
MADHYA PRADESH	88.3%	83.5%	65.0%	10.0%	2.9%	32.5%	13.5%	11.5%	14.8%

Source: Census of India, 1991, Madhya Pradesh Household Tables (HH Series), Sanket -MPHDRO

HA 5 - Ownership Status and Size of Households in Madhya Pradesh 1991

DISTRICT	Household with 3-5 Persons			Households with 6-8 Persons			Households with 9+ Persons		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
BHIND	29.3%	28.3%	33.2%	34.1%	34.4%	32.8%	27.9%	29.3%	22.9%
MORENA	31.5%	31.0%	33.4%	34.1%	34.4%	33.3%	25.1%	25.9%	22.2%
TIKAMGARH	36.7%	37.0%	34.7%	33.4%	33.3%	33.9%	17.0%	16.8%	17.8%
REWA	35.7%	35.3%	37.6%	30.3%	30.7%	28.4%	19.2%	19.9%	15.5%
DATIA	35.6%	35.7%	35.1%	33.5%	33.6%	33.3%	18.9%	19.2%	17.7%
GWALIOR	37.1%	32.6%	40.1%	32.7%	34.2%	31.6%	19.4%	23.0%	16.9%
RAJGARH	40.3%	40.5%	39.4%	34.3%	34.8%	31.8%	15.2%	15.4%	14.3%
CHHATARPUR	35.4%	95.7%	35.3%	33.6%	33.6%	35.8%	16.9%	17.1%	15.9%
SHIVPURI	37.7%	37.7%	37.2%	33.3%	33.4%	32.8%	15.7%	15.7%	16.1%
GUNA	36.8%	36.4%	38.7%	33.4%	34.1%	30.6%	18.1%	18.7%	16.0%
PANNA	43.1%	43.7%	38.8%	31.0%	31.0%	30.9%	10.6%	10.3%	12.9%
VIDISHA	39.2%	38.7%	41.3%	33.2%	33.7%	31.2%	14.3%	14.5%	13.6%
SATNA	39.3%	39.2%	40.0%	30.1%	30.4%	29.0%	15.4%	16.0%	12.8%
SEHORE	37.7%	37.4%	39.1%	35.1%	35.7%	32.6%	15.9%	16.2%	14.7%
UJJAIN	42.6%	41.6%	44.1%	31.9%	33.2%	29.9%	14.1%	15.0%	12.8%
JABALPUR	46.3%	46.9%	45.5%	29.1%	28.9%	29.5%	10.0%	8.9%	11.2%
RAIGARH	48.7%	49.2%	42.7%	27.2%	27.2%	27.0%	8.3%	8.1%	10.5%
BHOPAL	46.1%	39.1%	47.8%	29.9%	33.6%	29.0%	10.2%	13.5%	9.4%
SHAJAPUR	40.3%	40.4%	39.7%	33.4%	33.9%	31.2%	15.1%	15.0%	15.6%
NARSIMHAPUR	42.1%	41.8%	43.4%	31.6%	31.7%	31.4%	13.5%	13.9%	11.5%
DURG	44.4%	41.7%	48.6%	29.0%	30.0%	27.6%	10.7%	13.2%	6.8%
DEWAS	40.9%	39.5%	44.6%	32.8%	34.4%	28.7%	15.0%	16.0%	12.4%
RATLAM	44.5%	44.6%	44.3%	31.7%	33.0%	287.8%	12.14%	11.8%	13.9%
RAISEN	38.6%	38.1%	40.9%	32.9%	33.7%	28.7%	14.8%	15.3%	12.4%
SAGAR	38.9%	39.2%	38.0%	31.6%	31.5%	31.9%	14.6%	13.9%	16.3%
RAIPUR	43.5%	43.5%	43.3%	29.3%	29.4%	28.6%	12.2%	12.1%	12.4%
SIDHI	38.8%	38.4%	42.6%	31.1%	31.9%	20.3%	14.3%	14.9%	7.3%
JHABUA	36.3%	35.4%	44.2%	37.7%	38.6%	29.5%	18.9%	19.7%	11.4%
RAJNANDGAON	42.4%	42.6%	41.5%	29.7%	29.9%	28.3%	12.2%	12.3%	11.6%
DAMOH	44.3%	45.0%	40.9%	29.5%	29.2%	31.2%	10.0%	9.4%	12.4%
SARGUJA	44.8%	45.0%	42.7%	29.4%	29.4%	29.2%	9.9%	9.9%	9.7%
SHAHDOL	43.3%	43.9%	41.3%	29.3%	29.2%	29.4%	10.3%	10.2%	10.0%
MANDLA	48.7%	49.1%	43.4%	28.5%	28.4%	29.8%	8.8%	8.7%	9.9%
BASTAR	48.2%	48.0%	50.1%	29.9%	30.3%	25.1%	8.1%	8.3%	6.0%
HOSHANGABAD	40.5%	39.1%	44.2%	32.9%	33.9%	30.1%	12.9%	13.8%	10.5%
BALAGHAT	47.6%	47.8%	45.3%	30.7%	30.9%	29.3%	9.0%	9.0%	9.3%
INDORE	44.5%	42.0%	45.7%	29.7%	32.3%	28.6%	14.0%	14.7%	13.7%
MANDSAUR	42.5%	42.6%	42.3%	31.6%	32.2%	29.7%	13.5%	13.2%	14.3%
SEONI	44.5%	44.8%	42.3%	32.3%	32.5%	30.1%	10.5%	10.5%	11.2%
BILASPUR	42.3%	41.9%	44.0%	29.5%	29.8%	27.9%	12.2%	12.5%	10.4%
BETUL	38.0%	36.4%	44.1%	36.0%	37.1%	32.0%	14.0%	15.3%	8.9%
DHAR	40.5%	40.1%	42.8%	33.6%	34.3%	28.5%	14.6%	15.9%	13.1%
EAST NIMAR	40.8%	41.3%	39.2%	33.2%	33.3%	32.9%	14.7%	13.9%	17.0%
WEST NIMAR	38.2%	37.7%	40.8%	34.1%	34.7%	31.1%	18.2%	18.8%	14.8%
CHHINDWARA	41.2%	41.0%	42.1%	34.8%	35.3%	35.3%	11.4%	11.9%	9.9%
MADHYA PRADESH	41.7%	37.2%	42.9%	31.3%	27.8%	34.8%	13.5%	12.1%	12.5%

Source: Census of India, 1991, Madhya Pradesh Household Tables (HH Series), Sanket-MPHDRO

HA 5 - Distribution of Person per room in Madhya Pradesh - 1991

District	All		Urban		Rural	
	Gini Coefficient of House Size	Persons per Room	Gini Coefficient of House Size	Persons per Room	Gini Coefficient of House Size	Persons per Room
WEST NIMAR	0.2868	3.66	0.2886	3.27	0.2846	
BASTAR	0.2885	1.80	0.3124	1.72	0.2958	2.74
REWA	0.1961	1.80	0.3171	1.76	0.2897	1.91
RAIPUR	0.1962	1.95	0.3288	2.17	0.3090	1.80
SIDHI	0.1986	1.66	0.3171	1.64	0.2968	2.17
SATNA	0.3047	1.80	0.3195	1.89	0.3004	1.67
RAJNANDGAON	0.3092	2.13	0.3297	2.09	0.3039	1.78
RAIGARH	0.3097	2.56	0.3346	2.25	0.3051	2.14
DURG	0.3132	2.16	0.3217	2.24	0.3059	2.60
BHIND	0.3139	2.31	0.3262	2.14	0.3093	2.11
TIKAMGARH	0.3190	2.24	0.3306	2.10	0.3154	2.36
SHAHNOLA	0.3228	2.17	0.3291	1.93	0.3183	2.27
CHHATARPUR	0.3248	2.31	0.3281	2.09	0.3222	2.24
GWALIOR	0.3250	2.17	0.3346	2.20	0.3098	2.13
BILASPUR	0.3250	2.33	0.3373	2.07	0.3196	2.39
GUNA	0.3293	2.52	0.3291	2.32	0.3271	2.58
SARGUJA	0.3305	1.98	0.3246	1.82	0.3307	2.01
PANNA	0.3308	2.66	0.3419	2.48	0.3279	2.69
VIDISHA	0.3328	2.44	0.3378	2.26	0.3294	2.49
RAJGARH	0.3335	3.48	0.3453	2.66	0.3273	3.60
BETUL	0.3357	2.55	0.3196	2.09	0.3330	2.69
CHHINDWARA	0.3364	2.41	0.3292	2.04	0.3314	2.55
MORENA	0.3382	2.74	0.3344	2.31	0.3329	2.89
MANDSAUR	0.3407	2.78	0.3345	2.26	0.3333	2.98
SEHORE	0.3424	3.07	0.3497	2.43	0.3316	3.26
MANDLA	0.3450	2.44	0.3282	1.88	0.3383	2.52
DEWAS	0.3451	2.99	0.3457	2.43	0.3313	3.26
DAMOH	0.3480	2.81	0.3566	2.54	0.3432	2.89
SHAJAPUR	0.3481	3.04	0.3416	2.48	0.3302	3.29
UJJAIN	0.3481	2.80	0.3332	2.24	0.3293	3.32
SAGAR	0.3505	2.73	0.3447	2.38	0.3463	2.90
SHIVPURI	0.3506	2.49	0.3369	2.21	0.3489	2.56
JABALPUR	0.3513	2.43	0.3404	2.19	0.3487	2.68
BALAGHAT	0.3516	2.32	0.3222	1.79	0.3507	2.40
BHOPAL	0.3526	2.52	0.3519	2.43	0.3288	2.99
RAISEN	0.3545	3.09	0.3537	2.52	0.3463	3.25
EAST NIMAR	0.3547	3.27	0.3715	2.83	0.3383	3.49
RATLAM	0.3568	2.74	0.3386	2.13	0.3418	3.14
JHABUA	0.3579	3.66	0.3564	2.12	0.3391	3.93
INDORE	0.3580	2.51	0.3463	2.27	0.3440	3.22
SEONI	0.3584	2.46	0.3359	1.95	0.3552	2.54
HOSHANGABAD	0.3602	2.63	0.3311	2.12	0.3567	2.90
DHAR	0.3627	3.25	0.3538	2.33	0.3495	3.46
DATIA	0.4253	3.32	0.3163	1.99	0.2948	1.83
NARSIMHAPUR	0.5349	2.18	0.3711	2.39	0.3434	3.42
MADHYA PRADESH	0.3455	2.42	0.3409	2.21	0.3440	2.49

Source: Census of India, 1991, Madhya Pradesh, Sanket-MPHDRO

HA 7 -Households by Number of Rooms - 1991

Districts	Households Without Exclusive Room			Households With One Room			Households With Two Rooms			Households With Three Rooms		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
SIDHI	0.01%	0.01%	0.00%	13.0%	12.2%	20.9%	26.1%	25.7%	29.9%	20.0%	19.4%	26.1%
REWA	0.02%	0.02%	0.04%	14.9%	14.7%	16.0%	26.1%	25.6%	28.5%	18.7%	18.7%	18.7%
SATNA	0.02%	0.02%	0.03%	18.9%	17.3%	22.1%	27.0%	26.1%	30.6%	18.3%	18.4%	18.1%
DATIA	0.2%	0.02%	0.00%	15.1%	14.0%	19.0%	23.4%	22.0%	27.9%	22.2%	22.9%	20.0%
BHIND	0.00%	0.00%	0.00%	18.0%	17.8%	18.6%	30.3%	30.1%	31.1%	2.3%	21.0%	17.3%
GWALIOR	0.01%	0.01%	0.01%	22.3%	19.3%	24.3%	29.4%	25.5%	32.0%	19.4%	21.1%	18.2%
TIKAMGARH	0.00%	0.00%	0.00%	26.1%	27.4%	22.7%	30.3%	30.3%	30.3%	18.5%	18.8%	16.9%
SARGUJA	0.04%	0.04%	0.03%	24.1%	25.4%	14.6%	29.9%	29.4%	33.1%	24.3%	23.9%	27.4%
MORENA	0.00%	0.00%	0.01%	23.8%	36.3%	24.7%	31.8%	30.5%	33.0%	14.4%	14.3%	14.5%
SHIVPURI	0.01%	0.01%	0.02%	38.6%	40.6%	27.3%	28.6%	27.9%	32.3%	13.8%	13.5%	15.3%
GUNA	0.00%	0.00%	0.00%	33.6%	34.1%	30.4%	31.5%	30.2%	32.5%	15.7%	15.6%	16.0%
RAJNANDGAON	0.00%	0.00%	0.00%	26.0%	25.5%	28.7%	35.6%	33.7%	33.2%	19.5%	20.0%	17.1%
CHHATARPUR	0.01%	0.01%	0.00%	25.8%	26.9%	21.1%	32.6%	32.6%	32.8%	20.2%	20.3%	19.6%
BASTAR	0.03%	0.03%	0.01%	12.9%	12.8%	13.9%	40.4%	40.5%	39.8%	25.3%	25.4%	23.7%
RAIPUR	0.05%	0.06%	0.02%	27.6%	26.6%	29.0%	32.2%	33.4%	32.5%	20.3%	20.8%	18.1%
SHAHNOL	0.01%	0.02%	0.01%	30.6%	35.4%	20.3%	32.7%	32.3%	34.0%	18.3%	17.0%	23.0%
VIDISHA	0.00%	0.00%	0.00%	32.4%	32.8%	30.8%	34.6%	35.0%	32.9%	15.2%	15.3%	15.0%
INDORE	0.01%	0.00%	0.01%	37.8%	52.1%	31.3%	30.0%	30.6%	29.7%	16.9%	10.1%	20.0%
DURG	0.01%	0.01%	0.01%	25.9%	23.4%	29.8%	36.1%	32.6%	41.7%	20.5%	22.6%	17.4%
BILASPUR	0.06%	0.06%	0.04%	32.2%	35.1%	27.8%	34.0%	34.1%	33.6%	17.6%	17.5%	18.1%
SAGAR	0.00%	0.00%	0.00%	43.1%	47.8%	30.7%	32.3%	31.6%	34.0%	11.8%	10.4%	15.5%
JABALPUR	0.01%	0.01%	0.01%	39.2%	49.6%	26.1%	30.7%	24.7%	38.2%	17.2%	17.5%	16.8%
RATLAM	0.01%	0.00%	0.01%	44.6%	52.7%	26.6%	30.9%	30.4%	31.8%	12.5%	9.6%	18.7%
MANDSAUR	0.00%	0.00%	0.00%	43.2%	47.3%	29.1%	33.5%	33.2%	34.4%	11.6%	10.3%	15.8%
UJJAIN	0.01%	0.00%	0.01%	42.3%	51.4%	28.5%	33.5%	33.1%	34.1%	12.7%	9.3%	17.9%
BALAGHAT	0.00%	0.00%	0.00%	34.7%	36.6%	16.2%	26.8%	27.0%	25.6%	25.8%	25.1%	32.6%
SEONI	0.00%	0.00%	0.00%	37.2%	38.9%	20.2%	29.4%	29.4%	29.6%	20.3%	19.5%	27.7%
MANDLA	0.00%	0.00%	0.00%	40.3%	41.8%	21.6%	32.5%	32.6%	31.6%	15.1%	14.5%	21.7%
BHOPAL	0.00%	0.00%	0.00%	39.6%	46.2%	38.0%	32.4%	34.5%	31.9%	15.8%	11.2%	16.8%
SEHORE	0.01%	0.01%	0.02%	44.7%	47.6%	31.8%	34.3%	34.5%	33.8%	11.6%	10.4%	17.1%
HOSHANGABAD	0.00%	0.01%	0.00%	37.3%	43.4%	21.9%	30.7%	29.4%	34.0%	23.3%	21.0%	29.2%
RAISEN	0.00%	0.00%	0.00%	50.9%	52.8%	41.8%	30.4%	30.3%	31.8%	10.1%	9.4%	13.5%
PANNA	0.00%	0.00%	0.00%	42.4%	43.0%	38.0%	35.6%	33.7%	32.9%	13.7%	13.6%	14.4%
NARSIMHAPUR	0.00%	0.00%	0.00%	56.5%	60.0%	36.3%	27.2%	26.3%	32.8%	8.8%	7.9%	13.9%
DEWAS	0.00%	0.00%	0.00%	44.1%	47.3%	35.6%	35.6%	35.8%	34.9%	11.6%	10.4%	14.8%
DAMOH	0.00%	0.00%	0.00%	48.6%	50.6%	38.6%	33.5%	33.2%	34.7%	9.8%	9.2%	12.6%
CHHINDWARA	0.00%	0.00%	0.00%	28.1%	31.0%	18.7%	32.2%	31.4%	34.8%	28.4%	29.0%	26.6%
SHAJAPUR	0.00%	0.00%	0.00%	48.1%	51.4%	32.5%	33.6%	33.1%	36.1%	9.6%	8.5%	14.4%
RAIGHAR	0.00%	0.00%	0.00%	42.4%	43.3%	35.9%	35.0%	33.2%	33.4%	13.1%	13.0%	14.2%
DHAR	0.00%	0.00%	0.00%	52.0%	54.4%	36.1%	31.6%	31.9%	29.8%	9.0%	7.9%	16.3%
BETUL	0.00%	0.00%	0.01%	27.1%	29.7%	17.2%	33.1%	34.5%	37.7%	28.2%	26.9%	33.4%
RAJGARH	0.00%	0.00%	0.00%	54.6%	57.6%	29.5%	31.3%	30.6%	34.5%	7.6%	6.6%	12.2%
EAST NIMAR	0.00%	0.00%	0.00%	30.3%	57.6%	41.0%	30.5%	29.6%	33.2%	9.5%	8.5%	12.6%
JHABUA	0.01%	0.00%	0.06%	52.3%	54.9%	28.4%	34.6%	35.0%	30.2%	7.9%	6.5%	21.0%
WEST NIMAR	0.00%	0.00%	0.00%	51.1%	51.4%	49.6%	37.3%	37.7%	35.5%	8.3%	8.0%	10.1%
MADHYA PRADESH	0.01%	0.01%	0.01%	34.3%	36.0%	28.4%	32.3%	31.8%	33.7%	17.1%	16.6%	18.4%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series)

HA 7 -Households by Nu11.4mber of Rooms - 1991

Districts	Households With Four Rooms			Households With Five Room			Households With Six Rooms			Households With Unspecified Rooms		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
SIDHI	14.7%	15.0%	11.0%	8.7%	9.1%	4.3%	17.5%	18.4%	7.7%	0.1%	0.1%	0.1%
REWA	14.6%	14.4%	15.9%	8.2%	8.4%	7.4%	17.2%	18.0%	13.2%	0.2%	0.2%	0.2%
SATNA	13.8%	13.9%	13.0%	7.7%	8.2%	5.8%	14.8%	16.0%	10.3%	0.1%	0.1%	0.1%
DATIA	15.8%	16.0%	15.1%	9.4%	10.2%	6.7%	13.9%	14.8%	11.0%	0.1%	0.1%	0.1%
BHIND	14.6%	14.5%	15.0%	7.2%	7.4%	6.4%	9.6%	9.1%	11.5%	0.1%	0.1%	0.2%
GWALIOR	13.6%	15.6%	12.3%	64.9%	7.9%	5.5%	8.6%	10.4%	7.4%	0.3%	0.3%	0.3%
TIKAMGARH	11.5%	11.3%	12.9%	5.3%	5.1%	6.7%	7.5%	7.0%	0.3%	0.2%	0.2%	0.3%
SARGUJA	10.7%	10.2%	14.2%	4.6%	4.7%	4.4%	6.3%	6.3%	6.2%	0.1%	0.1%	0.0%
MORENA	9.1%	8.4%	12.1%	4.1%	3.7%	5.6%	6.3%	5.3%	10.0%	0.5%	0.6%	0.2%
SHIVPURI	8.4%	7.8%	11.4%	3.9%	3.8%	4.5%	6.1%	5.6%	8.8%	0.7%	0.8%	0.3%
GUNA	9.5%	9.3%	10.6%	4.0%	4.0%	4.0%	5.5%	5.4%	6.3%	0.4%	0.4%	0.2%
RAJNANDGAON	10.4%	10.5%	9.5%	4.7%	4.7%	4.6%	5.4%	5.2%	6.6%	0.3%	0.3%	0.3%
CHHATARPUR	11.4%	11.1%	12.3%	4.7%	4.6%	5.4%	5.2%	4.4%	8.8%	0.2%	0.2%	0.1%
BASTAR	11.3%	11.3%	11.3%	4.6%	4.7%	3.9%	5.2%	5.0%	7.1%	0.2%	0.2%	0.2%
RAIPUR	9.6%	9.4%	10.3%	4.5%	4.5%	4.4%	5.1%	5.0%	5.6%	0.1%	0.1%	0.2%
SHAHNOL	9.6%	8.8%	12.8%	3.9%	3.8%	4.5%	4.8%	4.6%	5.5%	0.1%	0.1%	0.0%
VIDISHA	9.1%	8.9%	10.1%	3.6%	3.6%	3.7%	4.4%	4.1%	7.3%	0.3%	0.4%	0.1%
INDORE	7.6%	4.0%	9.2%	3.0%	1.1%	3.9%	4.7%	1.4%	5.8%	0.3%	0.7%	0.2%
DURG	9.0%	10.9%	6.0%	3.8%	4.9%	2.2%	4.4%	5.4%	2.8%	0.2%	0.2%	0.2%
BILASPUR	8.4%	8.0%	10.1%	3.5%	3.3%	4.3%	4.0%	3.6%	2.9%	0.2%	0.2%	0.2%
SAGAR	6.3%	5.3%	9.2%	2.6%	2.0%	4.1%	3.7%	2.7%	6.4%	0.2%	0.2%	0.2%
JABALPUR	6.5%	4.2%	9.5%	2.6%	1.7%	3.8%	3.6%	2.1%	5.5%	0.2%	0.2%	0.2%
RATLAM	5.9%	3.9%	10.4%	2.4%	1.4%	4.7%	3.5%	1.6%	7.7%	0.3%	0.3%	0.1%
MANDSAUR	6.3%	5.0%	10.4%	2.2%	1.8%	3.7%	3.0%	2.0%	6.5%	0.3%	0.4%	0.1%
UJJAIN	5.9%	3.5%	9.6%	2.2%	1.1%	3.9%	3.0%	1.1%	5.8%	0.3%	0.4%	0.1%
BALAGHAT	7.2%	6.6%	13.6%	2.4%	2.1%	4.6%	3.0%	2.5%	7.3%	0.1%	0.2%	0.1%
SEONI	7.6%	7.2%	11.4%	2.5%	2.3%	4.5%	2.3%	1.9%	6.5%	0.8%	0.8%	0.1%
MANDLA	6.3%	5.9%	11.3%	2.3%	2.1%	5.0%	2.3%	1.8%	8.8%	1.2%	1.3%	0.3%
BHOPAL	7.2%	4.5%	7.9%	2.4%	1.2%	2.7%	2.3%	1.6%	2.5%	0.3%	0.7%	0.2%
SEHORE	5.5%	4.6%	9.3%	1.5%	1.2%	2.8%	2.1%	1.5%	5.1%	0.2%	0.2%	0.1%
HOSHANGABAD	4.4%	3.1%	7.8%	1.5%	1.0%	2.8%	2.1%	1.2%	4.4%	0.6%	0.9%	0.0%
RAISEN	4.4%	3.8%	7.0%	1.5%	1.3%	2.6%	2.0%	1.7%	3.7%	0.6%	0.7%	0.2%
PANNA	5.8%	5.6%	7.2%	2.2%	2.0%	3.7%	2.0%	1.8%	3.6%	0.2%	0.2%	0.2%
NARSIMHAPUR	3.7%	3.0%	7.9%	1.3%	1.0%	3.1%	2.0%	1.4%	6.0%	0.4%	0.5%	0.1%
DEWAS	4.7%	3.7%	7.3%	1.5%	1.1%	2.6%	1.9%	0.9%	4.6%	0.7%	0.8%	0.2%
DAMOH	4.5%	4.0%	7.1%	1.4%	1.1%	2.9%	1.9%	1.5%	4.0%	0.3%	0.4%	0.1%
CHHINDWARA	7.0%	5.5%	11.6%	2.1%	1.7%	3.4%	1.9%	1.0%	4.7%	0.4%	0.4%	0.2%
SHAJAPUR	4.7%	3.8%	8.7%	1.5%	1.2%	3.2%	1.9%	1.2%	4.9%	0.6%	0.7%	0.1%
RAIGHAR	5.2%	4.9%	8.2%	2.0%	1.9%	3.8%	1.8%	1.6%	4.4%	0.2%	0.2%	0.1%
DHAR	3.4%	2.7%	7.6%	1.2%	0.8%	3.5%	1.7%	1.0%	6.2%	1.1%	1.2%	0.5%
BETUL	5.8%	5.7%	6.3%	1.7%	1.6%	2.1%	1.6%	1.2%	3.0%	0.4%	0.4%	0.4%
RAJGARH	3.6%	2.8%	7.6%	1.1%	0.8%	2.3%	1.4%	1.0%	3.8%	0.5%	0.6%	0.1%
EAST NIMAR	3.5%	2.4%	6.7%	1.1%	0.7%	2.5%	1.3%	0.6%	3.2%	0.7%	0.7%	0.9%
JHABUA	2.6%	1.8%	9.7%	0.7%	0.4%	3.6%	1.1%	0.5%	6.9%	0.7%	0.8%	0.1%
WEST NIMAR	2.1%	1.9%	3.1%	0.5%	0.5%	0.8%	0.54%	0.4%	0.8%	0.1%	0.1%	0.2%
MADHYA PRADESH	8.0%	7.5%	9.7%	4.5%	3.3%	3.9%	4.7%	4.3%	5.7%	0.3%	0.4%	0.2%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series)

HA 8 - Households with Access to Electricity, Safe Drinking Water and Toilet Facilities - 1991

District	Households With Four Rooms			Households With Five Room			Households With Six Rooms		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
INDORE	75.61	61.51	82.04	88.99	90.09	88.49	48.41	11.46	65.25
BHOPAL	78.52	48.39	85.66	89.13	72.85	92.98	58.28	3.70	71.20
UJJAIN	63.29	49.52	84.52	81.82	75.24	91.84	31.68	4.74	72.61
RATLAM	60.42	50.61	82.23	63.08	77.50	95.49	25.54	4.88	71.74
NARSIMHAPUR	46.25	41.59	73.09	84.30	83.08	91.31	14.72	8.03	53.31
EAST NIMAR	60.02	55.06	74.45	68.87	61.35	90.77	17.94	5.63	53.75
DEWAS	64.99	6.24	77.58	65.12	59.10	81.09	20.25	5.78	58.63
DHAR	59.22	56.51	76.74	72.97	70.53	88.69	14.36	7.81	56.74
GWALIOR	69.58	51.74	81.66	66.44	38.04	85.68	40.47	4.36	64.92
HOSHANGABAD	53.20	45.50	72.70	59.41	49.88	83.54	23.05	8.71	59.36
CHHINDWARA	66.32	62.36	78.91	56.87	53.32	68.16	14.13	4.46	44.88
DRUG	42.24	30.74	60.27	71.19	63.02	84.00	19.33	3.32	44.43
JABALPUR	50.36	28.35	78.05	67.02	56.76	79.92	26.80	2.65	57.19
SHAJAU	54.75	51.31	7.86	62.14	57.22	85.13	12.66	4.09	52.74
WEST NIMAR	53.51	39.91	72.99	66.91	63.18	76.97	11.56	4.34	52.31
SEHORE	53.33	47.86	77.08	55.88	50.71	78.28	16.60	5.87	50.31
BETUL	46.81	39.61	74.42	59.65	53.57	82.94	13.12	3.68	63.19
DATIA	52.22	48.12	65.66	57.12	51.07	76.97	16.42	3.34	49.43
MANDSAUR	61.51	6.17	79.74	50.04	46.59	76.50	13.44	3.63	59.34
RAISEN	45.42	40.06	72.01	57.75	51.90	86.76	16.57	8.53	46.98
JHABUA	32.87	27.97	78.48	64.20	61.58	88.51	8.79	2.97	56.44
GUNA	43.42	36.59	70.93	54.07	48.64	75.83	11.77	2.60	62.97
SHIVPURI	44.12	39.13	72.51	55.07	50.99	78.28	9.93	2.62	48.70
RAIPUR	36.66	30.73	61.88	53.90	47.50	81.11	10.73	3.48	51.58
RAJGARH	34.22	28.15	63.93	56.98	53.77	72.71	9.99	1.85	41.64
SEONI	46.29	43.46	74.14	46.53	43.54	75.97	7.73	2.87	49.88
RAJNANDGAON	37.39	33.55	57.86	51.91	47.19	77.09	6.17	1.13	55.65
MORENA	48.97	43.07	70.86	43.60	34.73	76.48	11.11	1.92	33.11
BILASPUR	30.51	24.72	57.50	53.59	48.79	76.93	12.49	6.00	45.17
SAGAR	47.29	37.47	73.74	43.08	33.37	69.02	15.60	3.07	44.05
VIDISHA	37.60	28.83	72.71	46.09	36.41	34.82	15.03	3.23	62.27
BASTAR	24.33	21.40	58.83	50.97	48.04	85.35	6.46	3.05	46.52
BALAGHAT	29.31	25.39	66.52	39.89	38.73	51.20	7.09	3.32	43.84
DAMOH	36.14	29.22	62.29	38.39	32.52	86.50	10.06	3.02	43.81
BHIND	34.90	28.99	56.66	36.91	26.62	74.82	11.56	2.91	43.42
SATNA	37.51	31.23	62.25	30.53	23.76	57.17	9.27	1.93	38.18
MANDLA	30.58	27.16	72.84	38.45	35.55	74.34	5.45	1.99	48.23
RAIGARH	26.22	23.24	56.90	40.20	36.73	76.89	3.89	1.14	32.25
SHAHDOL	34.43	25.40	67.38	26.85	18.23	58.28	10.50	2.84	38.47
REWA	28.97	22.15	65.41	27.54	22.61	53.86	7.63	1.57	39.96
CHHATARPUR	31.72	24.31	64.19	22.75	18.59	40.97	8.86	1.74	39.00
TIKAMGARH	29.98	25.37	54.16	25.04	21.33	44.50	8.21	1.09	33.05
SIDHI	28.81	24.96	70.57	29.38	25.71	68.92	6.86	3.01	43.36
PANNA	20.83	15.55	57.57	27.97	24.68	50.87	6.19	1.66	37.69
SARGUJA	21.95	13.63	79.23	27.66	21.83	67.77	7.72	2.14	46.12
MADHYA PRADESH	43.30	34.49	72.52	53.41	45.56	79.45	15.07	3.64	53.00

Source: Census of India, 1991, Madhya Pradesh, Housing and Amenities (A Database on Housing and Amenities for District Cities and Towns)

HA 8 - Households with Access to Electricity, Safe Drinking Water and Toilet Facilities - 1991

District	All the three facilities			None of the three facilities		
	Total%	Rural%	Urban%	Total%	Rural%	Urban%
INDORE	41.44	8.49	56.46	2.55	3.42	2.16
BHOPAL	53.07	2.16	65.12	4.45	15.92	1.73
UJJAIN	27.77	3.09	65.29	9.00	13.97	1.43
RATLAM	22.64	3.44	65.30	9.44	13.40	0.66
NARSIMHAPUR	13.03	6.83	48.77	9.58	10.69	3.17
EAST NIMAR	14.97	3.64	47.91	14.95	18.85	3.60
DEWAS	15.80	3.16	49.31	15.25	18.70	6.09
DHAR	12.60	6.61	51.27	15.30	17.01	4.31
GWALIOR	35.16	1.94	57.66	15.79	32.06	4.77
HOSHANGABAD	16.12	3.21	48.83	17.74	23.24	3.80
CHHINDWARA	10.35	3.36	33.15	18.40	21.77	7.67
DRUG	16.18	1.23	39.62	18.44	27.54	8.87
JABALPUR	21.39	1.53	46.38	19.74	31.29	5.20
SHAJAUR	9.98	2.41	45.40	19.78	22.63	6.45
WEST NIMAR	9.51	3.30	42.87	20.51	23.55	4.18
SEHORE	12.05	2.98	51.44	22.47	25.99	7.21
BETUL	10.29	2.12	41.62	23.99	28.97	4.91
DATIA	12.69	1.84	48.27	24.18	27.78	12.34
MANDSAUR	6.37	2.50	35.01	25.17	26.68	8.49
RAISEN	12.58	5.61	47.13	26.72	31.32	3.91
JHABUA	7.51	2.26	56.36	28.20	30.71	4.79
32.73GUNA	9.51	2.58	41.42	29.08	33.69	10.53
SHIVPURI	8.09	1.90	43.30	29.18	32.73	8.98
RAIPUR	7.24	1.07	33.50	29.79	35.05	7.39
RAJGARH	7.06	0.85	34.48	29.85	33.50	11.98
SEONI	5.57	1.83	42.37	30.94	33.38	6.94
RAJNANDGAON	4.48	0.43	26.14	31.61	35.53	10.67
MORENA	9.40	1.05	40.39	32.32	38.03	11.11
BILASPUR	9.06	3.24	37.34	34.80	39.35	12.69
SAGAR	11.95	1.80	39.07	35.12	44.03	11.30
VIDISHA	12.03	1.82	52.90	38.91	46.86	7.10
BASTAR	4.45	1.46	39.63	36.71	42.53	6.58
BALAGHAT	3.59	1.36	25.39	40.82	43.23	17.33
DAMOH	6.64	1.87	29.51	46.69	50.74	9.90
BHIND	9.08	1.30	37.73	45.81	53.55	17.29
SATNA	6.92	1.13	29.74	46.88	53.09	22.43
MANDLA	4.04	1.12	40.11	47.28	50.30	9.89
RAIGARH	2.66	0.47	25.14	47.85	51.39	11.41
SHAHDOL	7.50	1.87	28.00	52.73	62.40	17.45
REWA	5.38	0.52	31.28	53.69	59.52	22.53
CHHATARPUR	4.90	0.55	23.95	55.51	62.26	25.97
TIKAMGARH	4.23	0.41	24.25	56.20	60.39	34.28
SIDHI	6.13	2.62	43.97	56.52	60.16	17.21
PANNA	3.97	0.80	25.97	59.63	64.44	26.15
SARGUJA	5.51	1.04	36.29	60.49	67.75	10.57
MADHYA PRADESH	11.97	2.10	44.72	31.19	38.16	8.07

Source: Census of India, 1991, Madhya Pradesh, Housing and Amenities (A Database on Housing and Amenities for District Cities and Towns)

HA 9 - Households by Source of Drinking Water -1991

DISTRICT	Location of Water Source in Households						Source of Water : Well		
	Water Source Within Premises			Water Source Outside Premises			Share of Total Households		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
BHOPAL	47.6%	8.1%	56.9%	52.4%	91.9%	43.1%	9.6%	25.8%	5.8%
INDORE	42.0%	9.9%	56.6%	58.0%	90.1%	43.4%	10.1%	9.0%	10.6%
GWALIOR	44.9%	10.9%	67.9%	55.1%	89.1%	32.1%	32.1%	61.5%	12.2%
JABALPUR	25.2%	7.5%	47.5%	74.8%	92.5%	52.5%	30.7%	39.9%	19.1%
UJJAIN	26.8%	5.3%	59.6%	73.2%	94.7%	40.4%	16.6%	22.8%	7.0%
HOSHANGABAD	30.0%	50.2%	54.8%	70.0%	79.8%	45.2%	36.7%	44.9%	15.9%
EAST NIMAR	20.7%	11.6%	47.0%	79.3%	88.4%	53.0%	28.0%	34.7%	8.2%
RATLAM	22.6%	5.8%	59.8%	77.4%	94.2%	40.2%	14.2%	18.7%	4.1%
DURG	24.1%	10.3%	45.8%	75.9%	89.7%	5432%	27.1%	34.4%	15.5%
CHHINDWARA	16.3%	10.0%	36.3%	83.7%	90.0%	63.7%	37.7%	40.6%	28.6%
NARSIMHAPUR	29.9%	25.3%	56.3%	70.1%	74.7%	43.7%	12.4%	13.4%	6.5%
DATIA	19.9%	9.1%	55.2%	80.1%	90.9%	44.8%	41.9%	47.8%	22.4%
MANDSAUR	17.0%	7.3%	50.1%	83.0%	92.7%	49.9%	71.7%	48.5%	18.4%
WEST NIMAR	14.4%	9.8%	39.0%	85.6%	90.2%	61.0%	22.4%	24.3%	12.0%
BETUL	16.9%	10.3%	42.5%	83.1%	89.7%	57.5%	37.1%	42.6%	16.2%
DHAR	16.8%	11.8%	48.7%	83.2%	88.2%	51.3%	19.2%	20.7%	9.8%
SAGAR	20.3%	11.6%	43.7%	79.7%	88.4%	56.3%	54.4%	63.8%	29.3%
DEWAS	18.4%	8.6%	44.3%	81.6%	91.4%	55.7%	31.3%	37.5%	14.8%
BHIND	16.2%	6.9%	50.3%	83.8%	93.1%	49.7%	62.8%	73.1%	27.8%
RAISEN	20.3%	15.8%	42.7%	79.7%	84.2%	57.3%	37.6%	42.7%	12.5%
BILASPUR	21.0%	15.4%	48.0%	79.0%	84.6%	52.0%	37.9%	41.5%	20.6%
VIDISHA	20.5%	10.9%	59.0%	79.5%	89.1%	41.0%	51.2%	60.5%	14.0%
BALAGHAT	25.7%	23.4%	48.1%	74.3%	76.6%	51.9%	57.9%	58.9%	47.9%
SHAJAPUR	13.8%	6.5%	48.0%	86.2%	93.5%	52.0%	35.9%	40.5%	14.4%
RAIPUR	20.0%	14.7%	42.4%	80.0%	85.3%	57.6%	41.2%	46.7%	17.7%
SARGUJA	24.5%	20.3%	52.7%	75.5%	79.7%	47.3%	54.6%	58.8%	24.8%
SEHORE	16.0%	9.1%	48.9%	84.0%	90.9%	57.1%	39.7%	44.4%	19.4%
MORENA	17.9%	7.8%	55.3%	82.1%	92.2%	44.7%	54.2%	62.9%	22.2%
DAMOH	12.1%	7.7%	32.7%	87.9%	92.3%	67.3%	51.8%	55.8%	32.5%
GUNA	15.8%	7.3%	49.9%	84.2%	92.7%	50.1%	43.4%	48.5%	23.0%
SHIVPURI	14.4%	7.3%	54.9%	85.6%	92.7%	45.1%	43.8%	47.7%	21.5%
SHAHDOL	39.9%	36.1%	54.0%	60.1%	63.9%	46.0%	65.8%	43.0%	39.4%
SATNA	29.8%	26.9%	41.2%	70.2%	73.1%	58.8%	66.7%	73.1%	41.8%
RAJGARH	10.0%	3.4%	42.4%	90.0%	96.6%	57.6%	41.1%	44.4%	25.2%
BASTER	11.1%	8.2%	45.7%	88.9%	91.8%	54.3%	25.6%	26.8%	12.0%
SEONI	18.2%	15.8%	41.3%	81.8%	84.2%	58.7%	50.7%	53.4%	23.6%
SIDHI	33.5%	31.5%	56.0%	66.5%	68.5%	44.0%	63.0%	66.1%	29.7%
RAJNANDGAON	13.8%	10.5%	31.1%	86.2%	89.5%	68.9%	44.0%	48.3%	20.7%
MANDLA	7.2%	4.1%	45.6%	92.8%	95.9%	64.4%	48.4%	50.7%	19.4%
PANNA	8.9%	4.8%	37.6%	91.1%	95.2%	62.4%	63.3%	65.5%	48.0%
JHABUA	10.6%	6.7%	47.5%	89.4%	93.2%	52.5%	21.1%	22.5%	7.5%
CHHATARPUR	9.9%	3.9%	36.2%	90.1%	93.1%	63.8%	75.9%	79.9%	58.7%
REWA	40.2%	38.3%	50.2%	59.8%	61.7%	49.8%	69.5%	74.2%	44.0%
TIKAMGARH	8.2%	3.5%	33.1%	91.8%	96.5%	66.9%	74.5%	78.2%	54.8%
RAIGARH	10.1%	8.2%	30.2%	89.9%	91.8%	69.8%	43.9%	46.0%	22.3%
MADHYA PRADESH	21.6%	13.2%	49.4%	78.4%	86.8%	50.6%	40.8%	47.3%	19.1%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series)

HA 9 - Households by Source of Drinking Water -1991

DISTRICT	Source of Water : Tap			Source of Water : Handpump/Tubewell			Source of Water: River/Canal		
	Share of Total Households			Share of Total Households			Share of Total Households		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
BHOPAL	68.4%	7.5%	82.8%	20.7%	65.3%	10.2%	0.3%	1.1%	0.1%
INDORE	61.0%	19.5%	79.9%	28.0%	70.6%	8.6%	0.1%	0.2%	0.1%
GWALIOR	51.1%	12.5%	77.2%	15.4%	25.5%	8.5%	0.2%	0.2%	0.1%
JABALPUR	41.0%	22.2%	64.7%	26.0%	34.5%	15.2%	1.7%	2.9%	0.3%
UJJAIN	38.8%	10.1%	82.5%	43.0%	65.1%	9.3%	1.0%	1.7%	0.1%
HOSHANGABAD	38.7%	24.4%	74.9%	20.7%	25.5%	8.7%	3.4%	4.8%	0.1%
EAST NIMAR	38.2%	20.9%	88.5%	30.7%	40.4%	2.3%	2.3%	3.1%	0.1%
RATLAM	37.6%	15.9%	85.9%	45.4%	61.6%	9.5%	2.4%	3.4%	0.0%
DURG	30.8%	12.2%	59.9%	40.4%	50.8%	24.1%	1.1%	1.7%	0.1%
CHHINDWARA	29.6%	18.9%	63.7%	27.3%	34.4%	4.5%	3.8%	4.6%	1.4%
NARSIMHAPUR	28.0%	20.9%	68.8%	56.3%	62.2%	22.5%	2.3%	2.6%	0.4%
DATIA	27.5%	14.7%	69.6%	29.6%	36.4%	7.3%	0.4%	0.4%	0.4%
MANDSAUR	27.3%	14.0%	72.8%	29.8%	36.5%	6.8%	0.5%	0.7%	0.0%
WEST NIMAR	26.9%	17.2%	78.5%	40.1%	45.9%	8.5%	8.8%	10.3%	0.4%
BETUL	25.1%	12.4%	73.6%	34.6%	41.2%	9.4%	2.9%	3.5%	0.6%
DHAR	24.9%	17.0%	76.3%	48.0%	53.5%	12.4%	6.5%	7.5%	0.5%
SAGAR	23.8%	11.5%	56.8%	19.3%	21.9%	12.2%	2.0%	2.4%	0.8%
DEWAS	22.8%	7.6%	63.1%	42.3%	51.5%	18.0%	1.9%	2.4%	0.3%
BHIND	22.7%	10.8%	66.6%	14.2%	15.8%	8.2%	0.1%	0.1%	0.0%
RAISEN	21.8%	15.7%	51.9%	36.0%	36.2%	34.9%	4.3%	5.0%	0.4%
BILASPUR	21.3%	14.4%	55.0%	32.3%	34.4%	22.0%	3.7%	4.2%	0.6%
VIDISHA	20.8%	9.1%	67.4%	25.3%	27.3%	17.4%	2.0%	2.5%	0.1%
BALAGHAT	20.6%	18.3%	42.3%	19.3%	20.4%	8.9%	1.5%	1.6%	0.3%
SHAJAPUR	20.3%	8.1%	77.7%	41.8%	49.2%	7.4%	1.6%	1.9%	0.0%
RAIPUR	19.2%	9.8%	59.2%	34.7%	37.7%	21.9%	2.8%	3.4%	0.3%
SARGUJA	19.1%	12.6%	63.6%	8.6%	9.2%	4.2%	6.1%	6.8%	1.0%
SEHORE	18.9%	8.4%	64.7%	36.9%	42.3%	13.5%	4.2%	4.7%	1.8%
MORENA	18.6%	7.8%	58.5%	25.0%	26.9%	18.0%	1.6%	2.0%	0.3%
DAMOH	17.7%	11.0%	5.1%	20.7%	21.5%	16.4%	8.4%	40.0%	0.3%
GUNA	17.0%	7.5%	54.9%	37.1%	41.1%	20.6%	1.9%	2.3%	0.4%
SHIVPURI	16.7%	8.1%	65.8%	38.4%	42.9%	12.5%	0.8%	0.6%	0.0%
SHAHDOL	16.1%	5.8%	53.8%	10.8%	12.5%	4.5%	4.1%	4.9%	1.0%
SATNA	15.8%	7.0%	50.3%	14.7%	16.7%	6.9%	1.5%	1.7%	0.8%
RAJGARH	15.3%	6.3%	59.3%	41.7%	47.5%	13.4%	1.4%	1.4%	1.7%
BASTER	14.4%	9.6%	71.2%	36.6%	38.5%	14.2%	10.2%	11.0%	1.1%
SEONI	14.2%	9.4%	60.7%	32.4%	34.1%	15.3%	1.9%	2.0%	0.0%
SIDHI	13.7%	9.9%	55.1%	15.7%	15.8%	13.8%	5.8%	6.3%	0.8%
RAJNANDGAON	13.1%	4.4%	59.5%	38.8%	42.8%	17.6%	2.9%	3.2%	1.2%
MANDLA	12.0%	8.1%	59.9%	26.5%	27.4%	14.4%	8.1%	8.4%	4.6%
PANNA	11.6%	7.2%	42.1%	16.4%	17.5%	8.8%	7.1%	8.0%	0.9%
JHABUA	11.5%	5.3%	70.0%	52.7%	56.3%	18.5%	11.9%	12.9%	3.3%
CHHATARPUR	11.1%	5.7%	35.0%	11.6%	12.9%	6.0%	0.8%	1.0%	0.0%
REWA	10.8%	5.0%	42.0%	16.7%	17.6%	11.9%	1.8%	2.0%	1.1%
TIKAMGARH	9.6%	4.4%	36.7%	15.5%	16.9%	7.8%	0.0%	0.0%	0.1%
RAIGARH	7.8%	3.2%	56.2%	32.4%	33.6%	19.7%	4.5%	4.9%	0.5%
MADHYA PRADESH	24.1%	11.4%	66.5%	29.3%	34.2%	13.0%	3.3%	4.2%	0.4%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series)

HA 9 - Households by Source of Drinking Water -1991

DISTRICT	Source of Water : Tank			Source of Water : Other source		
	Share of Total Households			Share of Total Households		
	Total	Rural	Urban	Total	Rural	Urban
BHOPAL	0.1%	0.0%	0.1%	1.0%	0.2%	1.1%
INDORE	0.1%	0.1%	0.0%	0.7%	0.6%	0.8%
GWALIOR	0.0%	0.0%	0.0%	1.3%	0.3%	1.9%
JABALPUR	0.1%	0.1%	0.0%	0.5%	0.3%	0.7%
UJJAIN	0.0%	0.0%	0.0%	0.6%	0.3%	1.0%
HOSHANGABAD	0.0%	0.0%	0.0%	0.5%	0.5%	0.4%
EAST NIMAR	0.0%	0.1%	0.0%	0.8%	0.7%	0.9%
RATLAM	0.1%	0.1%	0.0%	0.3%	0.3%	0.4%
DURG	0.5%	0.7%	0.1%	0.2%	0.1%	0.3%
CHHINDWARA	0.0%	0.0%	0.0%	1.6%	1.5%	1.8%
NARSIMHAPUR	0.0%	0.0%	0.0%	1.1%	0.9%	1.8%
DATIA	0.0%	0.0%	0.0%	0.6%	0.7%	0.2%
MANDSAUR	0.0%	0.0%	0.0%	0.6%	0.3%	1.8%
WEST NIMAR	0.1%	0.1%	0.0%	1.9%	2.1%	0.6%
BETUL	0.0%	0.1%	0.0%	0.3%	0.3%	0.2%
DHAR	0.5%	0.5%	0.0%	0.8%	0.7%	0.9%
SAGAR	0.1%	0.1%	0.0%	0.4%	0.3%	0.8%
DEWAS	0.1%	0.1%	0.0%	1.6%	0.8%	3.7%
BHIND	0.0%	0.0%	0.0%	0.2%	0.1%	0.4%
RAISEN	0.1%	0.1%	0.0%	0.3%	0.3%	3.7%
BILASPUR	2.8%	3.1%	1.0%	23.1%	2.4%	0.4%
VIDISHA	0.1%	0.1%	0.0%	0.4%	0.6%	0.3%
BALAGHAT	0.2%	0.2%	0.2%	0.5%	0.6%	0.6%
SHAJAPUR	0.1%	0.1%	0.0%	0.3%	0.3%	1.1%
RAIPUR	1.6%	2.0%	0.2%	0.5%	0.4%	0.0%
SARGUJA	0.1%	0.1%	0.0%	11.5%	12.4%	0.5%
SEHORE	0.0%	0.1%	0.0%	0.2%	0.1%	0.7%
MORENA	0.1%	0.1%	0.1%	0.4%	0.3%	5.4%
DAMOH	0.2%	0.2%	0.0%	1.3%	1.5%	0.5%
GUNA	0.1%	0.1%	0.0%	0.5%	0.5%	1.0%
SHIVPURI	0.0%	0.0%	0.1%	0.4%	0.4%	0.7%
SHAHDOL	1.4%	1.6%	0.4%	2.0%	2.2%	0.8%
SATNA	0.2%	0.2%	0.0%	1.1%	1.3%	0.2%
RAJGARH	0.0%	0.0%	0.0%	0.5%	0.5%	0.5%
BASTER	1.8%	1.6%	0.5%	11.4%	12.3%	1.1%
SEONI	0.1%	0.1%	0.0%	0.8%	0.9%	0.4%
SIDHI	0.2%	0.2%	0.1%	1.6%	1.8%	0.4%
RAJNANDGAON	0.5%	0.3%	0.2%	0.8%	0.7%	0.8%
MANDLA	0.4%	0.5%	0.2%	4.6%	4.9%	1.5%
PANNA	0.1%	0.1%	0.0%	1.5%	1.7%	0.2%
JHABUA	0.8%	0.9%	0.0%	2.0%	2.2%	0.6%
CHHATARPUR	0.0%	0.0%	0.0%	0.5%	0.6%	0.3%
REWA	0.1%	0.1%	0.1%	1.0%	1.1%	1.0%
TIKAMGARH	0.1%	0.1%	0.0%	0.4%	0.4%	0.5%
RAIGARH	3.0%	3.2%	0.7%	8.4%	9.2%	0.6%
MADHYA PRADESH	0.6%	0.7%	0.1%	1.9%	2.2%	0.9%

Source: Census of India, 1991, Household Tables for Madhya Pradesh (HH Series)

HA 10 - Status of Drinking Water in Villages - Institutional Provision : 1997

District	Total Villages	Villages Fully Covered	Shares of Villages Fully Covered	Villages Partially Covered	Share of Villages Partially Covered	Villages not Covered	Total number of Handpumps	Handpumps per Village
BHOPAL	511	511	100.0%	0	0.0%	0	2380	4.7
INDORE	624	592	94.9%	32	5.1%	0	3965	6.4
NARSIMHAPUR	1040	914	87.9%	90	8.7%	36	4863	4.7
RATLAM	1051	792	75.4%	259	24.6%	0	5234	5.0
UJJAIN	1092	1092	100.0%	0	0.0%	0	5689	5.2
DHAR	1487	870	58.5%	617	41.5%	0	8739	5.9
DURG	1803	1610	89.3%	1193	10.7%	0	8639	4.8
EAST NIMAR	1060	689	65.0%	371	35.0%	0	5570	5.3
JABALPUR	2257	1519	67.3%	729	32.3%	9	9294	4.1
WEST NIMAR	1887	838	44.5%	1015	53.9%	31	10449	5.5
GWALIOR	706	266	37.7%	436	61.8%	4	3875	5.5
DEWAS	1058	665	62.9%	393	37.1%	0	4362	4.1
JHABUA	1313	768	58.5%	540	41.1%	5	8418	6.4
SHAJAPUR	1068	656	61.4%	412	38.6%	0	4227	4.
BETUL	1328	614	46.2%	710	53.5%	4	5196	3.9
HOSHANGABAD	1420	617	43.5%	795	56.0%	8	5413	3.8
RAISEN	1429	778	54.4%	651	45.6%	0	4626	3.2
DATIA	402	258	64.2%	144	35.8%	0	1794	4.5
RAJGARH	1664	1537	92.4%	127	7.6%	0	6306	3.8
CHHINDWARA	1903	1028	54.0%	860	45.2%	15	8889	4.7
SEHORE	1011	745	73.7%	266	26.3%	0	4116	4.1
SHIVPURI	1326	762	57.5%	562	42.4%	2	5488	4.1
GUNA	2059	1387	67.4%	671	32.6%	1	7666	3.7
RAIPUR	3863	2575	66.7%	1288	33.3%	0	17522	4.5
BILASPUR	3401	2036	58.2%	1452	41.5%	13	16231	3.8
RAJNANDGAON	2273	1896	83.4%	363	16.0%	14	8470	4.7
BASTAR	3670	3494	95.2%	109	3.0%	67	15900	4.1
MANDSAUR	1575	1170	74.3%	405	25.7%	0	5897	4.1
SEONI	1585	1582	99.8%	0	0.0%	3	6998	3.7
VIDISHA	1522	1223	80.4%	297	19.5%	2	4865	4.5
MORENA	1293	124	9.6%	1165	90.1%	4	5788	4.6
SAGAR	1868	855	45.8%	987	52.8%	26	5565	3.7
RAIGARH	2196	164	7.5%	2022	92.1%	10	9796	4.3
BALAGHAT	1269	1212	92.5%	55	4.3%	2	8756	3.7
MANDLA	2106	608	28.9%	1488	70.7%	10	7942	4.4
DAMOH	1205	843	70.0%	325	27.0%	37	4846	3.2
BHIND	877	178	20.3%	687	78.3%	12	3421	4.2
SATNA	1784	400	22.4%	1380	77.4%	4	7413	4.2
SIDHI	1822	1714	94.1%	88	4.8%	20	9042	5.0
PANNA	939	518	55.2%	404	43.0%	17	4586	4.9
SARGUJA	2114	1697	70.3%	595	24.6%	122	10594	4.4
REWA	2352	2204	93.7%	92	3.9%	56	8023	3.4
SHAHDOL	1977	1636	82.8%	297	15.0%	44	9667	4.4
TIKAMGARH	863	270	31.3%	582	67.4%	11	3929	4.6
CHHATARPUR	1076	702	65.2%	374	34.8%	0	4219	2.0
MADHYA PRADESH	71526	46609	65.2%	24328	34.0%	589	314938	1.1

Source: 1. Public Health Engineering Department, Government of Madhya Pradesh
2. Census of India, 1981 and 1991, Madhya Pradesh Household Tables.

HA 10 - Status of Drinking Water in Villages - Institutional Provision : 1997

District	Handpump per 1000 Population	Households Serviced by Handpumps/ Tubewells 1991	Population with access to safe Drinking Water 1981			Population with access to safe Drinking Water 1991		
BHOPAL	7.6	7.5%	68.4%	9.5%	86.4%	89.1%	72.9%	9.0%
INDORE	6.4	19.5%	67.1%	26.6%	86.1%	89.0%	90.1%	88.5%
NARSIMHAPUR	6.6	20.9%	34.9%	26.9%	84.0%	84.3%	83.1%	61.3%
RATLAM	7.0	15.9%	35.9%	14.0%	84.9%	83.1%	77.5%	95.5%
UJJAIN	6.1	10.1%	40.4%	11.2%	87.2%	81.8%	75.2%	91.3%
DHAR	6.3	17.0%	20.7%	12.2%	76.2%	73.0%	70.5%	95.5%
DURG	5.0	12.2%	29.6%	10.5%	65.3%	71.2%	63.0%	88.7%
EAST NIMAR	4.7	20.9%	27.3%	8.2%	83.3%	68.9%	61.4%	84.0%
JABALPUR	5.8	22.2%	32.9%	7.4%	64.6%	67.0%	56.8%	90.8%
WEST NIMAR	5.3	17.2%	18.3%	9.7%	63.7%	66.9%	63.2%	79.9%
GWALIOR	6.1	12.5%	46.7%	8.6%	75.6%	66.4%	38.0%	87.0%
DEWAS	5.1	2.0%	20.5%	7.9%	72.2%	65.1%	59.1%	85.7%
JHABUA	6.6	5.3%	10.6%	6.2%	58.6%	64.2%	61.6%	81.1%
SHAJAPUR	4.5	8.1%	13.9%	5.0%	65.1%	62.1%	57.2%	88.5%
BETUL	4.8	12.4%	24.4%	14.5%	70.2%	59.7%	53.6%	85.1%
HOSHANGABAD	5.2	24.4%	26.9%	10.2%	74.5%	59.4%	49.9%	82.9%
RAISEN	5.7	15.7%	17.1%	11.7%	64.2%	57.8%	51.9%	83.5%
DATIA	5.2	14.7%	12.7%	3.9%	49.0%	57.1%	51.1%	77.0%
RAJGARH	6.9	6.3%	11.8%	5.9%	50.3%	57.0%	53.8%	72.7%
CHHINDWARA	6.5	18.9%	16.7%	9.2%	43.8%	56.9%	53.3%	68.2%
SEHORE	5.3	9.4%	14.1%	9.9%	41.0%	55.9%	50.7%	78.3%
SHIVPURI	4.9	9.9%	8.7%	3.1%	47.2%	55.1%	51.0%	78.3%
GUNA	6.4	7.5%	14.9%	7.8%	56.0%	54.1%	48.6%	75.8%
RAIPUR	4.9	9.8%	20.7%	10.8%	69.6%	53.9%	47.5%	81.1%
BILASPUR	4.5	14.4%	20.1%	13.5%	58.8%	53.6%	48.8%	76.9%
RAJNANDGAON	6.3	4.4%	12.8%	5.1%	66.4%	51.9%	47.2%	77.1%
BASTAR	6.7	9.6%	12.7%	12.0%	66.0%	51.0%	48.1%	85.4%
MANDSAUR	4.4	14.0%	19.3%	6.7%	69.1%	50.0%	46.6%	76.6%
SEONI	6.9	5.8%	13.5%	8.4%	71.9%	46.5%	43.5%	76.0%
VIDISHA	5.6	9.1%	17.3%	6.8%	67.0%	46.1%	36.4%	84.8%
MORENA	3.8	7.8%	15.2%	4.6%	74.2%	43.6%	34.7%	76.5%
SAGAR	4.2	11.5%	17.5%	4.9%	51.5%	43.1%	33.4%	69.0%
RAIGARH	5.7	3.2%	13.5%	9.0%	62.8%	40.2%	36.7%	75.9%
BALAGHAT	6.4	18.3%	5.6%	2.8%	33.7%	39.9%	38.47%	51.2%
MANDLA	5.9	8.1%	7.7%	4.2%	52.3%	38.5%	35.6%	74.3%
DAMOH	5.9	11.0%	13.1%	4.8%	63.6%	38.4%	32.5%	66.5%
BHIND	3.4	10.8%	13.5%	2.9%	26.5%	36.9%	26.6%	74.8%
SATNA	5.6	8.4%	11.2%	4.4%	43.6%	30.5%	23.8%	57.2%
SIDHI	6.0	1.3%	4.4%	3.8%	26.6%	29.4%	25.7%	68.9%
PANNA	6.9	7.2%	5.4%	2.7%	36.4%	28.0%	24.7%	50.9%
SARGUJA	5.1	7.0%	9.2%	4.4%	57.2%	27.7%	21.8%	67.8%
REWA	5.3	5.0%	8.0%	4.8%	39.4%	27.5%	22.6%	53.9%
SHAHDOL	6.2	8.1%	10.5%	4.2%	37.9%	26.9%	18.2%	58.3%
TIKAMGARH	4.5	4.4%	4.9%	0.9%	34.7%	25.0%	21.3%	44.5%
CHHATARPUR	4.0	5.7%	6.9%	1.9%	NA	22.8%	18.6%	41.0%
MADHYA PRADESH	5.5	10.9%	20.2%	8.1%	41.2%	53.4%	45.6%	79.5%

Source: 1. Public Health Engineering Department, Government of Madhya Pradesh
2. Census of India, 1981 and 1991, Madhya Pradesh Household Tables.

**HA 11 - Information on status of Water, Ground Water, Urban Water Supply and Rural Water Reservoirs
in Madhya Pradesh**

District	Status of Ground Water		Situation of Urban Water Supply				Average Water Area		
	Balance Ground Water Resource for Future use	Level of Ground Water Development	Number of Towns with organised Water Supply	Population with Organised Water Supply	Estimated Urban Population	Population with Organised Water Supply	Village Ponds and Tanks	Irrigation Reservoirs	Total
	(m.ha.m/yr)	(%)							
BASTAR	0.13367	1.06	2	105270	161883	65.0	5683	6082	11766
MANDLA	0.07218	2.16	2	67879	99050	68.5	830	2924	3754
SHAJAPUR	0.10124	3.11	5	120855	182886	66.1	1408	2639	4047
RAJNANDGAON	0.08760	3.40	2	200528	226767	88.4	4779	9307	14086
SATNA	0.14940	4.73	12	288842	289164	99.9	3841	803	4644
RAIGARH	0.08492	4.97	5	75296	163059	90.4	5839	1455	7294
RAIPUR	0.19552	6.43	9	147400	771622	91.2	19828	27494	47323
VIDISHA	0.05230	8.37	4	703679	195085	94.5	755	1505	2260
BILASPUR	0.16478	9.62	11	184296	644803	77.3	15651	20134	35785
DATIA	0.01087	10.58	2	498739	88965	91.0	255	664	920
JHABUA	0.03539	10.71	5	80938	98080	76.8	857	2631	3488
MORENA	0.13908	11.07	10	75296	350942	94.5	2266	5363	7630
BALAGHAT	0.06623	12.2	3	331494	129787	74.1	3447	3719	7166
HOSHANGABAD	0.13913	12.80	9	96217	346516	91.3	481	1266	13141
DURG	0.06820	12.97	4	316454	84540	53.5	6759	9000	14659
SEHORE	0.06441	13.80	5	452435	1513330	87.4	1178	3498	4676
SHAHDOL	0.06424	13.93	9	132266	368196	37.0	4661	34660	39321
RAISEN	0.06236	14.51	5	136083	137816	49.25	889	10020	10909
GUNA	0.06359	14.56	8	67864	255576	92.7	1596	4562	6158
DAMOH	0.03204	14.79	3	236908	162922	87.3	1246	1812	3058
GWALIOR	0.04406	15.35	3	142279	830447	94.4	1897	12825	14722
PANNA	0.02469	16.30	4	784349	89567	84.1	1580	1260	2840
SARGUJA	0.08123	17.29	6	75353	251159	49.6	2563	3200	5763
REWA	0.03260	17.33	8	124601	236815	84.8	5107	1589	6597
BHOPAL	0.01139	18.09	2	200772	1080802	100.1	301	5856	6157
BHIND	0.03913	20.08	7	1081552	251143	82.8	1131	2077	3207
NARSIMHAPUR	0.06737	20.79	4	207989	116788	93.9	557	328	886
SAGAR	0.05637	22.06	6	109694	481379	84.3	572	1425	1997
SIDHI	0.05182	23.23	1	405742	88848	32.2	1714	1508	3222
JABALPUR	0.05827	23.29	7	28606	1206461	97.3	3684	19829	23514
BETUL	0.05668	28.59	4	1137134	219950	89.6	329	2977	3306
SEONI	0.03468	29.48	2	197123	94807	79.9	1336	5171	6506
CHATTARPUR	0.08510	29.75	11	75712	223524	86.6	2470	2022	4492
DHAR	0.06736	30.35	8	163481	179710	89.6	2407	3896	6303
KHARGONE	0.06781	31.09	9	161019	305274	79.4	409	3607	4016
KHANDWA	0.04069	31.81	6	242444	394171	60.8	137	1352	1489
DEWAS	0.0480	33.91	4	239514	267660	88.4	872	1077	1952
CHHINDWARA	0.06757	36.14	4	236618	362351	61.4	272	5729	6001
UJJAIN	0.02869	36.51	6	222388	516683	99.0	893	2572	3465
MANDSAUR	0.05669	39.75	14	541051	359269	91.7	1305	42935	44240
TIKAMGARH	0.03230	42.77	8	329404	159014	79.7	1791	5185	6976
RAJGARH	0.02910	43.19	5	106255	166838	63.7	497	1513	2010
RATLAM	0.02420	45.07	5	289751	309737	93.5	709	1193	1901
SHIVPURI	0.01843	45.49	3	137144	172070	79.7	2084	3880	5964
INDORE	0.01819	54.32	5	1145650	1274518	89.9	2236	1368	3604
MADHYA PRADESH			266	12785760	15338837	83.4	119105	295306	413215

Urban population of Bhopal is an estimate and actual population may be more that it.

Source:1 Central Ground Water Board - North Central Region, 1995, Ground Water of MP
2. EPOD, Third Environmental Status Report 1996, pp 284-291

**HA 12 - Electricity Consumers, and Consumption , Rural and Urban, and Villages
Electrified - 1995/96**

District	Per Capita Domestic Consumption (Kwh)			Per Capita non-Domestic 1995 (Kwh)		
	Total Consumption per Consumer (1995-96)	Rural Consumption per consumer (1995-96)	Urban Consumption per Consumer (1995-96)	Total Consumption per consumer	Rural Consumption per Consumer	Urban Consumption per Consumer
BHOPAL	977	457	1044	1964	1045	1992
INDORE	1053	485	4082	1616	855	1626
GWALIOR	678	384	778	1370	357	1442
CHHINDWARA	465	350	597	970	532	1080
DEWAS	549	406	730	961	542	1111
UJJAIN	681	446	859	963	690	1014
MANDSAUR	577	451	708	753	489	863
RATLAM	616	412	788	888	501	966
KHANDWA	569	364	808	1049	763	1123
DHAR	605	535	722	1020	672	1296
SHAJAPUR	466	366	621	819	528	943
KHARGAON	510	418	698	902	602	1104
SEHORE	497	422	676	857	610	962
HOSHANGABAD	749	684	824	1073	515	1200
DATIA	454	356	689	808	477	912
JABALPUR	815	564	947	1370	805	1432
MORENA	454	340	621	725	342	824
SAGAR	666	551	744	880	552	932
BETUL	723	697	763	1086	783	1217
SEONI	583	537	731	864	636	1010
NARSIMHAPUR	581	490	737	858	558	978
RAISEN	541	503	641	1115	712	1261
SHIVPURI	548	463	704	757	483	905
GUNA	551	377	832	874	557	960
DURG	618	394	902	986	520	1195
VIDISHA	791	771	829	903	511	1026
SATNA	581	425	700	1111	783	1161
RAJNANDGAON	509	414	726	822	615	911
RAIPUR	635	419	936	1239	522	1446
DAMOH	628	530	766	755	407	915
BHIND	509	371	667	973	298	1096
SHAHNOL	531	368	876	1090	754	1197
RAJGARH	421	313	572	688	398	785
JHABUA	585	507	778	804	499	940
CHHATARPUR	567	419	765	916	405	1046
MANDLA	481	424	684	788	573	938
BILASPUR	869	811	961	1134	532	1369
TIKAMGARH	494	436	540	698	547	734
BALGHAT	660	651	676	843	615	962
REWA	524	352	540	1149	437	1369
SIDHI	444	365	744	934	542	1108
RAIGARH	631	584	841	871	572	1009
BASTAR	508	433	865	1055	920	1169
SARGUJA	622	528	739	966	671	1092
PANNA	564	469	831	800	519	930
MADHYA PRADESH	644	481	831	1118	585	1257

Source: Madhya Pradesh Vidyut Mandal Nigam, 1995-96, Vidyut Vikas ki Sankhyaki

**HA 12 - Electricity Consumers, and Consumption : Rural and Urban, and Villages
Electrified - 1995/96**

District	Consumption per Industrial Unit : 1995 (Kwh)			Consumption Agriculture Per Unit : 1995 (Kwh)		
	Consumption per Industrial Unit (1995-96)	Consumption per Rural Industrial Unit (1995-96)	Consumption per Urban Industrial Unit (1995-96)	Consumption per consumer	Consumption per Rural Consumer	Consumption per Urban Consumer
BHOPAL	75772	6387	88155	8536	9463	5549
INDORE	59613	9005	61173	10104	15049	8949
GWALIOR	37737	31055	39886	7986	8113	7303
CHHINDWARA	93051	85568	100491	4986	4283	2553
DEWAS	102366	25260	163251	3615	10609	7768
UJJAIN	75388	3274	100330	10018	9574	5878
MANDSAUR	137442	56039	206804	8839	5282	3091
RATLAM	58493	22961	77134	4750	5131	4301
KHANDWA	52670	114775	34864	4823	9528	6127
DHAR	161027	158709	163059	8549	11838	6581
SHAJAPUR	31910	3687	68250	10521	9009	5252
KHARGAON	33132	37312	27967	8054	5233	5799
SEHORE	20755	3309	52425	5352	5693	4911
HOSHANGABAD	73678	35076	104474	5649	8220	4970
DATIA	92088	5860	225974	7397	12119	5502
JABALPUR	67568	88742	56605	11786	6352	4306
MORENA	39799	3583	66447	5856	13833	13912
SAGAR	44821	33574	50795	13842	7659	5267
BETUL	184861	124332	256631	6939	5318	2709
SEONI	15812	5519	41034	4738	3878	2432
NARSIMHAPUR	11271	10261	12527	3671	15272	10143
RAISEN	199295	24411	368820	14238	9772	8815
SHIVPURI	16645	19713	12113	9701	6967	4556
GUNA	45579	82625	10793	6653	9185	4608
DURG	505871	22690	764559	9111	7366	3698
VIDISHA	41663	3852	84026	6855	6711	8704
SATNA	173711	85562	217316	6832	8193	7186
RAJNANDGAON	83673	130096	50171	7707	6638	3363
RAIPUR	202656	73185	255422	5688	8743	8154
DAMOH	114048	132589	82513	8565	11912	6478
BHIND	134378	309226	7903	10716	17065	14164
SHAHDOL	275551	43641	537014	16701	6118	3662
RAJGARH	32312	34471	29874	5644	7072	5201
JHABUA	95929	142136	9360	6864	6589	4429
CHHATARPUR	144187	299981	13420	6081	4106	2926
MANDLA	51843	74324	8388	3889	2064	1148
BILASPUR	192765	50316	332456	1826	13106	3188
TIKAMGARH	8016	8451	7633	10702	5518	3770
BALGHAT	60273	96214	18825	4805	2428	3239
REWA	178319	100269	247652	4854	10229	7638
SIDHI	243923	42577	430743	8984	6517	4392
RAIGARH	125378	169774	74351	5611	12411	11214
BASTAR	196690	194179	201099	12218	6124	3276
SARGUJA	258310	436384	15698	31935826	3377	2048
PANNA	15108	13099	18161	5333	6469	2796
MADHYA PRADESH	107275	71887	129707	7366	7959	5585

Source: Madhya Pradesh Vidyut Mandal Nigam, 1995-96, Vidyut Vikas ki Sankhyaki

**HA 12 - Electricity Consumers, and Consumption : Rural and Urban, and Villages
Electrified - 1995/96**

District	Households with Domestic Connections : Estimate for 1995/96			Households with Access to Electricity : Census 1991			Villages Electrified : 1995/96		
	Total	Rural	Urban	Total	Rural	Urban	Total Villages (1991 Census)	Electrified	Share of Electrified Villages
BHOPAL	54.7%	35.8%	58.1%	78.5%	48.4%	85.7%	511	509	99.61%
INDORE	70.7%	12.6%	92.8%	75.6%	61.5%	82.0%	624	619	99.20%
GWALIOR	55.6%	36.9%	66.9%	69.6%	51.7%	81.7%	706	697	99.73%
CHHINDWARA	57.0%	40.7%	104.3%	66.3%	62.4%	78.9%	1903	1889	99.26%
DEWAS	52.1%	42.0%	71.4%	65.0%	60.2%	77.6%	1058	1051	99.34%
UJJAIN	58.3%	41.8%	83.1%	63.3%	49.3%	84.5%	1092	1092	100.00%
MANDSAUR	58.2%	44.2%	102.2%	61.5%	56.2%	79.7%	1575	1558	98.92%
RATLAM	63.2%	42.6%	106.5%	60.4%	50.6%	82.2%	1051	1051	100.00%
KHANDWA	52.7%	38.3%	93.7%	60.0%	55.1%	74.5%	1060	1046	98.68%
DHAR	43.1%	31.5%	110.6%	59.2%	56.5%	76.7%	1481	1476	99.66%
SHAJAPUR	42.3%	31.6%	86.6%	54.8%	51.3%	70.9%	1068	1061	99.34%
KHARGAON	56.9%	45.6%	115.3%	53.5%	49.9%	72.9%	1884	1743	92.52%
SEHORE	53.7%	47.8%	73.4%	53.3%	47.9%	77.1%	1011	1002	99.11%
HOSHANGABAD	53.2%	40.5%	82.9%	53.2%	45.5%	72.7%	1420	1284	90.42%
DATIA	49.0%	45.3%	60.9%	52.2%	48.1%	65.7%	402	396	98.51%
JABALPUR	52.4%	32.7%	76.8%	50.4%	28.4%	78.1%	2257	2124	94.11%
MORENA	28.9%	22.7%	45.3%	49.0%	43.1%	70.9%	1293	1222	94.51%
SAGAR	43.6%	24.7%	91.2%	47.3%	37.5%	73.5%	1868	1744	93.36%
BETUL	32.8%	25.8%	55.2%	46.8%	39.6%	74.4%	1308	1308	100.00%
SEONI	49.8%	42.6%	108.7%	46.3%	43.5%	74.1%	1585	1509	95.21%
NARSIMHAPUR	47.5%	35.7%	110.6%	46.3%	41.6%	73.1%	1040	1030	99.04%
RAISEN	44.8%	39.8%	59.3%	45.4%	40.1%	72.0%	1429	1315	92.02%
SHIVPURI	28.9%	22.4%	61.4%	44.1%	39.1%	72.5%	1326	1286	93.76%
GUNA	35.0%	27.8%	57.3%	43.4%	36.6%	70.9%	2059	1958	92.09%
DURG	47.7%	44.9%	51.2%	42.2%	30.7%	60.3%	1809	1722	92.21%
VIDISHA	35.9%	29.5%	59.8%	37.6%	28.8%	72.7%	1522	1408	92.51%
SATNA	34.5%	19.2%	85.1%	37.5%	31.2%	62.3%	1784	1608	90.13%
RAJNANDGAON	46.9%	39.6%	79.5%	37.4%	33.6%	57.9%	2273	2083	91.64%
RAIPUR	48.7%	35.8%	97.9%	36.7%	30.7%	61.9%	3863	3596	93.09%
DAMOH	38.1%	27.6%	81.1%	36.1%	29.2%	62.3%	1205	1081	89.71%
BHIND	24.9%	17.3%	48.9%	34.9%	29.0%	56.7%	877	866	98.75%
SHAHNOL	27.7%	24.6%	37.4%	34.4%	25.4%	67.4%	1977	1790	90.54%
RAJGARH	37.2%	26.8%	79.2%	34.2%	28.2%	63.9%	1664	1638	98.44%
JHABUA	32.3%	25.6%	91.1%	32.9%	28.0%	78.5%	1313	1280	97.49%
CHHATARPUR	19.1%	14.1%	37.6%	31.7%	24.3%	64.2%	1076	1057	98.23%
MANDLA	29.1%	24.7%	79.2%	30.6%	27.2%	72.8%	2106	1941	92.17%
BILASPUR	36.8%	27.9%	72.7%	30.3%	24.7%	57.5%	3501	3261	93.14%
TIKAMGARH	29.1%	15.9%	84.3%	30.0%	25.4%	54.2%	863	849	98.36%
BALGHAT	39.0%	27.3%	140.4%	29.3%	25.4%	67.5%	1269	1158	91.25%
REWA	25.7%	12.9%	85.7%	29.0%	22.2%	65.4%	2352	2071	88.05%
SIDHI	17.9%	11.0%	52.8%	28.8%	24.9%	70.6%	1822	1794	98.46%
RAIGARH	29.9%	23.4%	91.3%	26.2%	23.2%	56.9%	2196	1976	89.98%
BASTAR	28.3%	22.5%	56.0%	24.3%	21.4%	58.8%	3670	2931	79.86%
SARGUJA	16.2%	13.7%	30.4%	22.0%	13.6%	79.2%	2414	2112	87.49%
PANNA	23.2%	17.8%	48.9%	20.8%	15.6%	57.6%	939	907	96.59%
MADHYA PRADESH	41.2%	29.4%	75.5%	43.3%	34.5%	72.5%		67096	93.8%

*: Where figures exceed 100%, it shows either actual households in excess of estimated households, or more than one connection for many households

Source: Madhya Pradesh Vidyut Mandal Nigam, 1995-96, Vidyut Vikas Ki Sankhyaki

HA 13 - Households by Type of Fuels Used -1991

District	Cowdung Cake			Electricity			Cola/Coke/Lignite		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
RAIGHGARH	3.0%	3.3%	0.0%	0.0%	0.0%	0.4%	0.2%	0.1%	1.0%
PANNA	17.6%	19.6%	3.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
DAMOH	6.6%	7.9%	0.9%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%
BASTAR	0.0%	0.0%	0.0%	0.3%	0.0%	3.8%	0.0%	0.0%	0.3%
CHHATARPUR	10.3%	12.5%	0.9%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%
TIKAMGARH	7.0%	7.8%	2.4%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%
MANDLA	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%
SEONI	3.6%	4.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
BHIND	34.7%	41.0%	11.4%	0.1%	0.0%	0.3%	0.0%	0.0%	0.1%
BALAGHAT	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
MORENA	24.8%	29.5%	7.5%	0.1%	0.1%	0.2%	0.0%	0.0%	0.1%
RAJNANDGAON	8.7%	10.2%	0.4%	0.0%	0.0%	0.1%	0.3%	0.0%	0.1%
NARSIMHAPUR	4.6%	5.3%	0.3%	0.0%	0.0%	0.1%	0.1%	0.3%	0.2%
GUNA	23.2%	28.2%	3.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.2%
SHIVPURI	14.1%	16.1%	2.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
DATIA	48.0%	59.6%	10.2%	0.1%	0.1%	0.1%	0.1%	0.0%	0.5%
REWA	65.5%	74.4%	18.1%	0.1%	0.1%	0.1%	0.1%	0.0%	2.1%
RAJGARH	19.1%	22.4%	2.6%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
RAIPUR	16.3%	19.6%	2.1%	0.1%	0.1%	0.2%	0.6%	0.1%	1.6%
VIDISHA	45.4%	54.9%	7.0%	0.1%	0.0%	0.2%	0.1%	0.1%	0.2%
SHAJAPUR	5.1%	5.8%	2.0%	0.1%	0.0%	0.2%	0.2%	0.0%	0.9%
SEHORE	6.7%	7.7%	2.3%	0.1%	0.1%	0.2%	0.0%	0.0%	0.2%
RAISEN	11.4%	13.6%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
SAGAR	7.9%	10.5%	1.0%	0.0%	0.0%	0.2%	0.6%	0.1%	2.0%
SATNA	32.9%	39.1%	8.4%	0.0%	0.0%	0.1%	0.2%	2.3%	0.7%
JHABUA	4.8%	5.0%	3.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%
WEST NIMAR	2.5%	2.8%	1.0%	0.1%	0.1%	0.1%	0.1%	2.5%	0.4%
HOSHANGABAD	8.0%	11.0%	0.4%	0.1%	0.0%	0.1%	0.5%	0.0%	1.6%
EAST NIMAR	1.5%	1.7%	0.9%	0.0%	0.0%	0.1%	0.4%	0.2%	1.3%
DHAR	18.2%	2.4%	4.2%	0.1%	0.1%	0.3%	0.1%	0.1%	0.1%
SIDHI	8.2%	8.8%	0.9%	0.7%	0.1%	7.1%	4.6%	2.3%	30.0%
MANDSAUR	3.1%	3.5%	1.8%	0.1%	0.0%	0.1%	0.3%	0.0%	1.4%
BILASPUR	6.6%	7.9%	0.4%	1.1%	1.1%	1.0%	5.3%	2.5%	18.7%
DEWAS	14.9%	18.7%	4.6%	0.1%	0.0%	0.1%	0.4%	0.0%	1.3%
RATLAM	5.8%	7.6%	1.9%	0.0%	0.1%	0.1%	2.0%	0.2%	6.0%
BETUL	5.5%	6.9%	0.2%	0.1%	0.0%	2.4%	6.0%	0.1%	28.7%
SARGUJA	0.4%	0.4%	0.0%	0.2%	0.0%	0.2%	9.7%	2.8%	57.7%
JABALPUR	1.4%	2.2%	0.3%	0.1%	0.1%	0.3%	1.2%	0.1%	2.6%
UJJAIN	15.8%	25.3%	1.6%	0.2%	0.1%	0.3%	3.5%	0.2%	8.6%
GWALIOR	31.3%	64.9%	8.5%	0.2%	0.1%	0.2%	0.2%	0.0%	0.3%
SHAHNOL	0.6%	0.7%	0.4%	0.1%	0.0%	0.2%	12.1%	3.6%	42.8%
CHHINDWARA	0.8%	1.0%	0.2%	0.1%	0.0%	0.1%	12.7%	3.8%	41.1%
DURG	23.2%	36.5%	2.3%	0.1%	0.0%	0.3%	13.1%	0.5%	32.7%
INDORE	18.8%	55.3%	2.1%	0.1%	0.2%	0.1%	2.1%	0.3%	2.9%
BHOPAL	2.1%	7.5%	0.9%	0.1%	0.0%	0.1%	0.4%	0.0%	0.4%
MADHYA PRADESH	11.7%	14.6%	2.4%	0.2%	0.1%	0.3%	2.4%	0.6%	8.2%

Source: Census of India, 1991, Madhya Pradesh Household tables (HH Series)

HA 13 - Households by Type of Fuels Used -1991

District	Charcoal			Cooking Gas			Wood		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
RAIGHGARH	0.1%	0.0%	0.7%	1.2%	0.1%	12.2%	94.8%	91.2%	81.3%
PANNA	0.5%	0.5%	0.6%	1.3%	0.1%	9.6%	79.8%	99.2%	84.0%
DAMOH	0.2%	0.1%	1.0%	2.9%	0.4%	14.6%	89.3%	86.5%	80.1%
BASTAR	0.2%	0.0%	1.9%	1.7%	0.4%	19.2%	96.8%	91.1%	68.5%
CHHATARPUR	0.2%	0.1%	0.4%	2.8%	0.3%	14.0%	85.4%	98.8%	80.5%
TIKAMGARH	0.4%	0.3%	0.9%	2.5%	0.2%	14.4%	89.0%	94.2%	77.8%
MANDLA	0.4%	0.2%	3.4%	1.2%	0.3%	13.5%	97.2%	58.2%	77.2%
SEONI	0.3%	0.3%	0.4%	2.5%	0.2%	21.2%	92.2%	98.6%	72.3%
BHIND	0.3%	0.1%	1.2%	2.7%	0.6%	12.0%	61.1%	69.8%	71.8%
BALAGHAT	0.1%	0.1%	0.5%	2.2%	0.1%	16.0%	96.2%	88.6%	73.3%
MORENA	0.6%	0.1%	2.6%	3.3%	0.8%	15.2%	69.8%	92.9%	70.0%
RAJNANDGAON	0.4%	0.2%	1.4%	2.2%	0.1%	13.3%	87.0%	70.6%	78.2%
NARSIMHAPUR	0.3%	0.1%	1.4%	3.9%	0.2%	22.2%	89.1%	82.4%	67.3%
GUNA	0.3%	0.1%	1.5%	4.6%	0.7%	22.3%	69.8%	39.0%	66.3%
SHIVPURI	0.5%	0.3%	1.3%	3.8%	0.2%	23.0%	79.5%	24.1%	63.0%
DATIA	0.1%	0.1%	0.1%	6.4%	0.4%	26.4%	42.6%	76.2%	54.1%
REWA	0.2%	0.1%	0.4%	2.9%	0.3%	17.2%	28.4%	78.6%	51.4%
RAJGARH	0.4%	0.4%	0.5%	2.4%	0.2%	25.6%	75.6%	43.8%	72.3%
RAIPUR	0.6%	0.1%	2.6%	5.1%	0.3%	23.0%	75.5%	92.3%	62.3%
VIDISHA	0.6%	0.1%	2.3%	6.7%	0.4%	26.4%	44.9%	90.8%	49.5%
SHAJAPUR	0.3%	0.1%	1.1%	3.6%	0.2%	17.2%	87.7%	84.4%	66.2%
SEHORE	0.4%	0.1%	1.8%	5.2%	0.5%	25.6%	84.6%	88.2%	58.0%
RAISEN	0.3%	0.2%	0.5%	3.0%	0.5%	15.1%	79.0%	59.1%	69.6%
SAGAR	0.6%	0.3%	1.3%	5.3%	0.3%	18.5%	82.6%	92.1%	69.5%
SATNA	0.6%	0.3%	1.7%	3.7%	0.3%	16.8%	69.9%	89.4%	61.3%
JHABUA	0.9%	0.2%	7.2%	3.2%	0.7%	26.0%	83.7%	86.9%	46.9%
WEST NIMAR	0.8%	0.3%	3.5%	4.4%	1.0%	22.6%	83.5%	93.3%	58.7%
HOSHANGABAD	0.4%	0.0%	1.4%	7.8%	0.8%	25.5%	81.8%	73.2%	59.2%
EAST NIMAR	0.5%	0.1%	1.5%	8.7%	1.3%	30.4%	70.2%	87.9%	51.5%
DHAR	0.7%	0.5%	2.4%	4.7%	1.6%	24.7%	71.9%	92.3%	48.3%
SIDHI	0.1%	0.1%	0.3%	1.2%	0.2%	12.9%	82.4%	87.3%	38.6%
MANDSAUR	0.9%	0.3%	2.8%	5.5%	0.9%	21.3%	88.1%	92.3%	53.5%
BILASPUR	0.4%	0.2%	1.5%	3.0%	0.4%	16.0%	73.1%	87.3%	55.0%
DEWAS	1.3%	0.2%	4.3%	7.0%	0.5%	24.2%	55.2%	79.1%	46.9%
RATLAM	1.2%	0.1%	3.8%	12.7%	0.9%	39.0%	34.0%	88.8%	34.4%
BETUL	0.3%	0.3%	0.2%	2.6%	0.3%	11.5%	84.7%	91.7%	46.6%
SARGUJA	0.1%	0.0%	0.6%	1.3%	0.1%	8.9%	88.1%	96.5%	30.2%
JABALPUR	1.2%	0.2%	2.5%	13.2%	0.2%	29.5%	73.1%	96.6%	43.5%
UJJAIN	0.4%	0.2%	6.2%	15.7%	0.6%	38.7%	55.2%	72.1%	29.4%
GWALIOR	0.4%	0.3%	1.6%	20.8%	0.4%	34.6%	34.0%	32.7%	34.8%
SHAHNOL	1.1%	0.1%	1.6%	1.1%	0.1%	5.0%	84.7%	95.0%	47.0%
CHHINDWARA	5.1%	0.3%	0.6%	3.3%	0.4%	12.6%	80.4%	93.6%	38.3%
DURG	1.4%	0.1%	2.7%	7.2%	0.3%	17.9%	51.7%	61.5%	36.4%
INDORE	0.7%	0.8%	7.1%	33.0%	4.2%	46.1%	26.3%	35.5%	22.1%
BHOPAL	0.2%	0.1%	1.7%	34.4%	0.6%	42.4%	32.5%	89.8%	19.0%
MADHYA PRADESH	1.0%	0.2%	2.4%	6.1%	0.5%	25.0%	74.9%	82.9%	48.3%

Source: Census of India, 1991, Madhya Pradesh Household tables (HH Series)

HA 13 - Households by Type of Fuels Used -1991

District	Bio-gas			Kerosene			Others			Households using Polluting Fuels		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
RAIGHGARH	0.1%	0.0%	0.4%	0.5%	0.1%	3.6%	0.2%	0.2%	0.3%	0.7%	0.3%	5.3%
PANNA	0.1%	0.0%	0.3%	0.3%	0.2%	1.6%	0.4%	0.4%	0.7%	0.8%	0.6%	2.1%
DAMOH	0.1%	0.0%	0.5%	0.5%	0.2%	2.3%	0.2%	0.2%	0.3%	0.9%	0.3%	3.7%
BASTAR	0.0%	0.1%	0.1%	0.7%	0.2%	2.6%	0.2%	0.2%	0.7%	0.9%	0.3%	7.8%
CHHATARPUR	0.1%	0.1%	0.4%	0.7%	0.1%	3.4%	0.4%	0.5%	0.3%	0.9%	0.2%	3.9%
TIKAMGARH	0.2%	0.2%	0.8%	0.6%	0.1%	2.9%	0.3%	0.3%	0.4%	0.9%	0.4%	3.9%
MANDLA	0.1%	0.0%	0.5%	0.5%	0.2%	4.5%	0.3%	0.3%	0.5%	0.9%	0.3%	8.1%
SEONI	0.1%	0.0%	0.3%	0.8%	0.2%	5.0%	0.5%	0.5%	0.2%	1.0%	0.5%	5.8%
BHIND	0.1%	0.0%	0.0%	0.5%	0.2%	3.0%	0.3%	0.3%	0.3%	1.1%	0.3%	4.2%
BALAGHAT	0.2%	0.3%	0.3%	1.1%	0.2%	9.5%	0.1%	0.1%	0.1%	1.3%	0.4%	10.1%
MORENA	0.1%	0.0%	0.2%	0.9%	0.1%	3.8%	0.4%	0.4%	0.3%	1.5%	0.2%	6.5%
RAJNANDGAON	0.1%	0.1%	0.6%	0.9%	0.4%	3.55%	0.4%	0.4%	0.6%	1.6%	0.6%	6.9%
NARSIMHAPUR	0.3%	0.1%	0.1%	1.6%	0.4%	831%	0.3%	0.2%	0.3%	1.9%	0.5%	9.8%
GUNA	0.2%	0.1%	0.7%	1.5%	0.5%	5.5%	0.3%	0.2%	0.3%	1.9%	0.6%	7.3%
SHIVPURI	0.1%	0.1%	0.1%	1.7%	0.3%	10.0%	0.3%	0.3%	0.3%	2.3%	0.7%	11.3%
DATIA	0.1%	0.1%	0.1%	2.3%	0.4%	8.4%	0.4%	0.3%	0.4%	2.4%	0.5%	8.6%
REWA	0.2%	0.1%	0.7%	2.3%	0.6%	11.1%	0.4%	0.3%	0.5%	2.5%	0.7%	11.9%
RAJGARH	0.1%	0.2%	0.4%	2.1%	0.4%	10.4%	0.3%	0.2%	0.5%	2.5%	0.8%	11.1%
RAIPUR	0.1%	0.1%	0.2%	1.4%	0.5%	5.5%	0.3%	0.3%	0.6%	2.6%	0.9%	9.7%
VIDISHA	0.1%	0.1%	0.1%	2.0%	0.3%	8.8%	0.3%	0.2%	0.4%	2.6%	0.4%	11.3%
SHAJAPUR	0.2%	0.1%	0.2%	2.5%	0.6%	11.3%	0.3%	0.3%	0.5%	3.0%	0.8%	13.2%
SEHORE	0.1%	0.2%	0.1%	2.6%	0.6%	11.5%	0.2%	0.1%	0.4%	3.1%	0.7%	13.4%
RAISEN	0.1%	0.1%	0.2%	2.8%	0.7%	13.4%	0.4%	0.4%	0.4%	3.1%	0.9%	14.0%
SAGAR	0.1%	0.3%	0.2%	2.0%	0.2%	6.9%	0.3%	0.3%	0.4%	3.2%	0.5%	10.3%
SATNA	0.2%	0.4%	0.5%	2.5%	0.5%	10.3%	0.4%	0.3%	0.5%	3.3%	0.9%	12.7%
JHABUA	0.1%	1.5%	0.3%	2.5%	1.2%	15.0%	0.7%	0.6%	0.5%	3.5%	1.4%	22.5%
WEST NIMAR	0.3%	0.2%	0.5%	3.0%	1.3%	12.6%	4.2%	4.9%	0.9%	3.9%	1.6%	16.4%
HOSHANGABAD	0.4%	0.1%	0.2%	3.4%	0.5%	10.9%	0.4%	0.4%	0.7%	4.3%	0.6%	13.9%
EAST NIMAR	1.2%	0.2%	0.3%	4.3%	1.0%	13.8%	0.8%	0.9%	0.3%	5.1%	1.2%	16.6%
DHAR	0.2%	0.0%	0.1%	4.7%	2.5%	18.5%	1.3%	1.4%	0.4%	5.5%	3.1%	21.0%
SIDHI	0.1%	0.0%	0.4%	1.1%	0.3%	9.1%	1.1%	0.2%	0.9%	5.8%	2.7%	39.4%
MANDSAUR	0.2%	0.2%	0.6%	5.3%	1.5%	18.3%	0.3%	1.3%	0.4%	6.5%	1.9%	22.5%
BILASPUR	0.1%	0.2%	0.3%	1.4%	0.4%	6.3%	0.5%	0.2%	0.5%	7.1%	3.1%	26.5%
DEWAS	0.2%	0.2%	0.1%	5.4%	0.7%	17.8%	1.0%	0.5%	0.4%	7.1%	0.9%	23.5%
RATLAM	0.1%	0.2%	0.5%	5.1%	1.0%	14.1%	0.2%	1.2%	0.5%	8.3%	1.3%	23.9%
BETUL	0.2%	0.2%	0.2%	2.3%	0.4%	9.5%	0.1%	0.1%	0.4%	8.6%	0.8%	38.4%
SARGUJA	0.0%	0.0%	0.3%	0.4%	0.1%	2.1%	0.5%	0.1%	0.2%	10.2%	2.9%	60.3%
JABALPUR	0.2%	0.1%	0.2%	9.1%	0.3%	20.1%	0.6%	0.2%	0.8%	11.5%	0.6%	25.3%
UJJAIN	0.2%	0.3%	0.4%	6.2%	0.6%	14.7%	0.7%	0.6%	0.6%	12.3%	1.0%	29.5%
GWALIOR	0.2%	0.3%	0.1%	11.4%	0.4%	18.9%	0.2%	0.8%	0.6%	12.7%	0.8%	20.8%
SHAHDOL	0.4%	0.0%	0.3%	0.8%	0.3%	2.7%	0.2%	0.2%	0.2%	13.3%	4.0%	47.1%
CHHINDWARA	0.0%	0.2%	0.3%	1.9%	0.5%	6.4%	0.2%	0.2%	0.4%	15.0%	4.6%	48.1%
DURG	0.2%	0.1%	0.2%	2.9%	0.4%	6.9%	0.5%	0.5%	0.6%	17.1%	1.0%	42.3%
INDORE	0.2%	0.7%	0.2%	13.6%	2.4%	18.7%	0.5%	0.5%	0.6%	20.9%	3.6%	28.7%
BHOPAL	0.3%	0.2%	0.2%	28.2%	1.3%	34.6%	0.7%	0.4%	0.7%	30.0%	1.5%	36.7%
MADHYA PRADESH	0.2%	0.1%	0.3%	3.3%	0.5%	12.6%	0.5%	0.5%	0.5%	6.4%	1.3%	23.2%

Source: Census of India, 1991, Madhya Pradesh Household tables (HH Series)