

36. HOUSING

This section contains information on availability of houses, condition of the house structure, investments on dwellings and the amenities available in the houses. Tables included here are mostly based on data collected by the Office of the Registrar General of India, Ministry of Home Affairs at the time of house listing for the two Censuses conducted in 1991 & 2001 and the reports of the various Rounds of Surveys by National Sample Survey Organisation, Ministry of Statistics and Programme Implementation. Office of the Registrar General of India brings out a number of publications on Houses and household amenities covering the results of Census. However still some of the detailed data on housing based on 2001 Census are awaited. National Sample Survey Organisation presents the important results of its surveys conducted in different rounds in its quarterly journal Sarvekshana. Besides these two agencies, National Building Organisations, Ministry of Urban Affairs and Employment periodically collects data on investment in building etc. the summary results of which have been shown in some of the tables presented in this section.

Tables 36.1 and 36.2

These tables present data on occupied residential houses, households, size of household in various Census years. Table 36.2 provides percentage distribution of occupied census houses by the type of uses to which they are put in the three censuses.

Tables 36.3 to 36.5

The first two tables here provide data on distribution of households by type (independent house, flat, chawl/ basti, others) of the dwellings and the structure of house (pucca, semi-pucca and kutcha) as revealed by Census and NSS results.

Tables 36.5 and 36.6

Table 36.5 has been divided into two parts viz., 'projects completed' and 'projects under execution' and gives data on 'Investment in residential and non-residential building' during 1992-93 by various Central and State Public Sector agencies including public undertakings for each State and Union Territory. Table 36.6 presents for each State and Union Territory the data on construction of dwellings of different types (by number of rooms possessed) within the categories of 'completed' and 'under execution' during 1992-93.

Data for these tables relate to 36 administrative divisions and 80 construction divisions of Central Public Works Department (CPWD), Central Public Sector Undertakings including nationalised banks, Reserve Bank of India and Port Trusts etc. In regard to State sector, data relate to twelve States and two Union Territories only, the rest of the States/UTs have not furnished data so far. Railways and some other Central agencies do not provide Statewise break-up of the investment and therefore, the total investment by these agencies have been shown separately under the head 'buildings by other agencies'.

Tables 36.7

The table indicates number of building permits and completion certificates issued in municipal areas in private sector. The series have been built up from 1961 onwards. For the year 1961, data relate to private construction in municipal towns with population of 75000 and above as per 1961 census. From 1971 onwards, data relate to all municipal towns with population of 1,00,000 and above as per 1971 census. For the towns for which data were not available, the number of building permits/completion certificates issued have been estimated by applying the average rate of the last three years relating to the concerned state.

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Tables 36.8 and 36.9

These two tables present respective data on distribution of households by type of occupancy and by the size of dwelling units occupied in terms on number of rooms possessed in case of urban and rural areas seperately.

Tables 36.10 and 36.11

These tables present data on sources of drinking water and the availability of safe driking water to the households in rural and urban areas seperately.

Table 36.12

Data on availability of electricity as a facility in the dwellings as revealed by Census and NSS results have been shown here seperately for rural and urban areas.

Tables 36.13 and 36.14

These two tables are concerned with availability of toilet facilities in the dwellings and the type of latrine (flush type, septic tank, service latrine etc.) seperately for rural and urban areas.

Table 36.15

This table present data on average per capita area of dwelling unit and average covered area by type of dwelling unit relating to NSS 60th round.

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Table 36.1(A)-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS

All-India/State/ Union Territory	Number of Occupied Residential Houses 2001	Number of Households 2001	No. of Households per 100 Occupied Residen- tial Houses		No. of Persons per 100 Households	
			1991	2001	1991	2001
			1	2	3	4	5	6	7
All-India (*)	179275605	193579954	103	108	551	531
State:						
Andhra Pradesh	15998974	17004305	103	106	477	448
Arunachal Pradesh	198281	215574	110	109	493	509
Assam	4781863	4914823	101	103	583	542
Bihar	12739703	13744130	109	108	616	604
Chattisgarh	3875275	4091551	**	106	**	509
Goa	266271	294812	104	111	499	457
Gujarat	7837436	9691362	102	124	551	523
Haryana	3161833	3712319	104	117	630	570
Himachal Pradesh	1195568	1221589	101	102	534	498
Jammu and Kashmir	1317925	1568519	..	119	..	647
Jharkhand	4461360	4799081	**	108	**	561
Karnataka	9551113	10401918	102	109	552	508
Kerala	6490580	6726356	101	104	528	473
Madhya Pradesh	9939012	10912025	103	110	565	553
Maharashtra	18305346	19576736	103	107	514	495
Manipur	384199	375095	104	98	619	611
Meghalaya	406357	418850	101	103	542	554
Mizoram	154643	176134	100	114	570	504
Nagaland	320810	328057	100	102	557	607
Orissa	7260631	7738065	107	107	528	476
Punjab	3922108	4348580	103	111	592	560
Rajasthan	8865634	9317675	102	105	604	606
Sikkim	99247	114223	100	115	533	474
Tamil Nadu	13699661	14665983	101	107	445	426
Tripura	634498	664334	101	105	524	482
Uttar Pradesh	24156869	25757640	105	107	622	645
Uttranchal	1491605	1603242	**	107	**	530
West Bengal	14896583	15872083	101	107	544	505
Union Territory:						
A. & N. Islands	70575	78242	101	111	475	455
Chandigarh	188367	206465	101	110	438	436
D. & N. Haveli	42292	45586	107	108	528	484
Daman and Diu	32913	35686	106	108	530	443
Delhi	2316996	2733383	104	118	502	507
Lakshadweep	9076	9993	102	110	623	607
Pondicherry	202001	215538	110	107	497	452

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Table 36.1(B)-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS-Contd.

(Rural)

All-India/State/ Union Territory	Number of Occupied Residential Houses 2001	Number of Households 2001	No. of Households per 100 Occupied Residen- tial Houses		No. of Persons per 100 Households	
			1991	2001	1991	2001
1	2	3	4	5	6	7
All-India (*)	129052642	137747384	103	107	557	539
States:						
Andhra Pradesh	12031434	12607167	103	105	471	439
Arunachal Pradesh	153275	166468	111	109	502	523
Assam	4098056	4203976	101	103	592	552
Bihar	11526194	12407132	109	108	616	599
Chattisgarh	3136705	3273647	**	104	**	509
Goa	133576	145229	105	109	508	466
Gujarat	4879464	5941858	102	122	563	534
Haryana	2149368	2541980	103	118	659	591
Himachal Pradesh	1057113	1079797	101	102	548	508
Jammu and Kashmir	954989	1167108	..	122	..	654
Jharkhand	3454965	3736524	**	108	**	561
Karnataka	6159451	6725882	102	109	560	519
Kerala	4870794	5010259	101	103	522	471
Madhya Pradesh	7335647	7996300	103	109	568	555
Maharashtra	10536031	11173512	103	106	523	499
Manipur	287969	273098	103	95	617	629
Meghalaya	319718	333119	100	104	544	560
Mizoram	76802	86951	100	113	584	515
Nagaland	258177	263129	100	102	573	626
Orissa	6222511	6618547	107	106	531	473
Punjab	2545919	2796284	102	110	607	576
Rajasthan	6794027	7054434	101	104	609	614
Sikkim	87507	101225	100	116	534	475
Tamil Nadu	8037691	8284383	101	103	436	422
Tripura	516637	539713	101	104	530	492
Uttar Pradesh	19384400	20373081	104	105	619	646
Uttanchal	1124346	1185737	**	105	**	532
West Bengal	10568663	11270822	102	107	554	512
Union Territories:						
A. & N. Islands	48081	51866	100	108	482	463
Chandigarh	19716	22580	100	115	363	408
D. & N. Haveli	31357	33938	105	108	533	501
Daman and Diu	21348	23204	106	109	550	435
Delhi	155705	179804	101	115	535	525
Lakshadweep	5260	5664	102	108	604	595
Pondicherry	69746	72966	111	105	477	447

Table 36.1(C)-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS-Conc'd.
(Urban)

All-India/State/ Union Territory	Number of Occupied Residential Houses 2001	Number of Households 2001	No. of Households per 100 Occupied Residen- tial Houses		No. of Persons per 100 Households	
			1991	2001	1991	2001
1	2	3	4	5	6	7
All-India(*)	50222963	55832570	103	111	534	512
States:						
Andhra Pradesh	3967540	4397138	104	111	495	473
Arunachal Pradesh	45006	49106	102	109	437	464
Assam	683807	710847	101	104	518	484
Bihar	1213509	1336998	108	110	618	649
Chattisgarh	738570	817904	**	111	**	512
Goa	132695	149583	104	113	486	448
Gujarat	2957972	3749504	102	127	530	505
Haryana	1012465	1170339	106	116	554	523
Himachal Pradesh	138455	141792	101	102	418	420
Jammu and Kashmir	362936	401411	..	111	..	627
Jharkhand	1006395	1062557	**	106	**	564
Karnataka	3391662	3676036	102	108	537	489
Kerala	1619786	1716097	102	106	544	482
Madhya Pradesh	2603365	2915725	104	112	554	548
Maharashtra	7769315	8403224	103	108	502	489
Manipur	96230	101997	104	106	625	565
Meghalaya	86639	85731	107	99	535	530
Mizoram	77841	89183	100	115	555	494
Nagaland	62633	64928	100	104	492	528
Orissa	1038120	1119518	104	108	509	493
Punjab	1376189	1552296	105	113	560	532
Rajasthan	2071607	2263241	103	109	587	584
Sikkim	11740	12998	101	111	520	461
Tamil Nadu	5661970	6381600	102	113	464	431
Tripura	117861	124621	101	106	491	438
Uttar Pradesh	4772469	5384559	107	113	634	641
Uttranchal	367259	417505	**	114	**	522
West Bengal	4327920	4601261	101	106	519	487
Union Territories:						
A. & N. Islands	22494	26376	104	117	456	441
Chandigarh	168651	183885	102	109	449	440
D. & N. Haveli	10935	11648	128	107	475	433
Daman and Diu	11565	12482	105	108	508	459
Delhi	2161291	2553579	104	118	498	505
Lakshadweep	3816	4329	102	113	639	623
Pondicherry	132255	142572	109	108	509	455

Source: Office of the Registrar General of India

* All India figures excludes Jammu and Kashmir in 1991 census.

** States did not exist in 1991.

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Table 36.2(A)-DISTRIBUTION OF CENSUS HOUSES ACCORDING TO THE USES TO WHICH THEY ARE PUT

Occupied Census Houses used as	2001		
	Total	Rural	Urban
1	2	3	4
Residence	71.97	72.69	70.18
Residence cum others	3.17	3.40	2.57
Shop,office	5.38	3.14	10.93
School,College etc.	0.60	0.69	0.38
Hotel,Lodge,Guest house etc.	0.21	0.15	0.36
Hospital,Dispensary etc.	0.24	0.19	0.37
Factory,workshop etc.	0.89	0.56	1.71
Place of worship	0.96	1.12	0.58
Other non residential	10.23	12.79	3.90
Vacant census houses	6.35	5.27	9.02

Source:- Office of The Registrar General of India

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Table 36.2(B)-DISTRIBUTION OF CENSUS HOUSES ACCORDING TO THE USES TO WHICH THEY ARE PUT

(Percentage)

Occupied Census Houses used as	1981			1991		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
Residence	70.99	70.67	72.04	71.83	72.07	71.15
Shop-Cum-Residence	0.95	0.82	1.34	1.03	0.94	1.29
Workshop/Factory-Cum-Residence including Household Industry	1.99	1.94	2.16	1.53	1.56	1.46
Residence in Combination with other Uses	..	..	..	1.10	1.29	0.56
Hotels, Sarais, Dharamshalas, Tourist Homes and Inspection Houses	0.14	0.11	0.23	0.16	0.13	0.26
Shops excluding eating houses	2.45	1.32	6.10	2.89	1.65	6.28
Business houses and Offices	0.47	0.26	1.14	0.56	0.32	1.21
Factories, Workshops and Worksheds	1.52	0.98	3.27	1.76	1.10	3.57
Restaurants, Sweet-meat shops and Eating Places	0.39	0.27	0.78	0.38	0.27	0.68
Places of Entertainment and Community gathering (Panchayatghar) excluding Places of Worship	0.13	0.13	0.13	0.15	0.15	0.15
Places of Worship (e.g. Temple, Church, Mosque, Gurudwara etc.)	1.01	1.14	0.60	0.91	1.05	0.55
Other Non-Residential houses	14.63	17.37	5.80	11.34	13.90	4.30
Census houses vacant at the time of house-listing	5.33	4.99	6.41	6.36	5.57	8.54

Source: Office of the Registrar General of India

Note: The figures exclude Assam in 1981 and Jammu and Kashmir in 1991.

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Table 36.3-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLINGS

India/State/ Union Territory	Rural (Percentage)					
	NSS 58th Round (July 2002-Dec. 2002)			NSS 59th Round (Jan. 2003-Dec. 2003)		
	Indepe- ndent House	Flat	others	Indepe- ndent House	Flat	others
1	2	3	4	5	6	7
All India	86.4	5.2	8.4	89.2	3.7	7.1
States:						
Andhra Pradesh	79.6	16.8	3.5	81.1	14.7	4.2
Arunachal Pradesh	NR	NR	NR	NR	NR	NR
Assam	98.6	0.9	0.5	96.4	2.0	1.6
Bihar	91.4	6.0	2.6	94.8	2.3	2.8
Chattisgarh	NR	NR	NR	97.2	1.7	1.2
Goa	NR	NR	NR	NR	NR	NR
Gujarat	83.1	1.6	15.2	84.9	1.7	13.4
Haryana	86.2	12.1	1.7	85.9	8.5	5.6
Himachal Pradesh	NR	NR	NR	79.8	17.5	2.7
Jammu and Kashmir	94.3	3.8	1.9	95.3	4.0	0.7
Jharkhand	90.7	1.0	8.3	93.5	2.1	4.4
Karnataka	89.9	1.9	8.1	90.3	3.1	6.6
Kerala	96.5	1.7	1.8	97.7	0.6	1.7
Madhya Pradesh	90.1	2.6	7.3	91.5	2.2	6.4
Maharashtra	68.6	0.4	31.0	70.2	1.0	28.8
Manipur	NR	NR	NR	96.6	1.6	1.8
Meghalaya	NR	NR	NR	99.7	NR	0.3
Mizoram	NR	NR	NR	NR	NR	NR
Nagaland	NR	NR	NR	NR	NR	NR
Orissa	88.0	2.6	9.4	93.4	1.8	4.8
Punjab	89.7	8.3	1.9	96.3	3.0	0.8
Rajasthan	89.6	4.1	6.3	94.6	1.9	3.5
Sikkim	NR	NR	NR	NR	NR	NR
Tamil Nadu	79.4	7.1	13.4	84.5	6.2	9.4
Tripura	NR	NR	NR	95.9	1.4	2.7
Uttar Pradesh	91.3	2.7	6.0	93.6	1.7	4.7
West Bengal	86.4	5.9	7.7	91.7	1.3	7.0
North Eastern States*	94.5	2.6	2.8	95.2	1.9	2.9
Union Territories**	70.0	12.8	17.2	79.2	8.1	12.7

(*) State-wise breakup not reported by source agency.

(**) UT-wise break-up not reported by the source agency.

NR : Not reported.

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Table 36.3-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLINGS-Concl'd.

India/State/ Union Territory	Urban (Percentage)					
	NSS 58th Round (July 2002-Dec. 2002)			NSS 59th Round (January 2003-Dec. 2003)		
	Indepe- ndent House	Flat	Chawl/ Basti and others*	Indepe- ndent House	Flat	others
1	8	9	10	11	12	13
All India	60.5	21.8	17.7	63.3	20.6	16.0
States:						
Andhra Pradesh	57.7	31.5	10.7	58.8	32.3	8.9
Arunachal Pradesh	68.7	24.7	6.5	NR	NR	NR
Assam	57.4	16.4	26.2	80.8	9.4	9.8
Bihar	NR	NR	NR	68.3	19.0	12.7
Chattisgarh	NR	NR	NR	NR	NR	NR
Goa	70.3	22.6	7.1	NR	NR	NR
Gujarat	64.6	21.7	13.7	73.6	13.2	13.1
Haryana	NR	NR	NR	77.5	16.8	5.7
Himachal Pradesh	84.1	9.0	6.9	NR	NR	NR
Jammu and Kashmir	66.5	21.5	12.0	85.1	8.1	6.8
Jharkhand	70.5	14.2	15.3	55.0	25.1	20.0
Karnataka	85.8	6.4	7.7	74.9	15.2	9.8
Kerala	80.4	11.4	8.2	86.0	9.0	5.0
Madhya Pradesh	31.4	22.8	45.8	84.7	9.7	5.6
Maharashtra	NR	NR	NR	32.6	23.8	43.6
Manipur	NR	NR	NR	NR	NR	NR
Meghalaya	NR	NR	NR	NR	NR	NR
Mizoram	NR	NR	NR	NR	NR	NR
Nagaland	61.1	19.8	19.1	NR	NR	NR
Orissa	76.8	16.1	7.1	79.5	13.8	6.6
Punjab	68.0	16.0	16.0	75.7	14.6	9.6
Rajasthan	NR	NR	NR	79.6	10.7	9.7
Sikkim	55.4	32.4	12.2	NR	NR	NR
Tamil Nadu	NR	NR	NR	57.1	34.5	8.3
Tripura	76.3	13.4	10.3	NR	NR	NR
Uttar Pradesh	55.2	25.1	19.7	78.3	11.8	9.9
West Bengal	50.9	39.5	9.6	55.7	24.0	20.2
North Eastern States	NR	NR	NR	78.4*	8.4*	13.2*
Union Territories**	52.4	29.4	18.3	62.0	33.4	4.7
A. & N. Islands	NR	NR	NR	NR	NR	NR
Chandigarh	NR	NR	NR	NR	NR	NR
D. & N. Haveli	NR	NR	NR	NR	NR	NR
Daman and Diu	NR	NR	NR	NR	NR	NR
Delhi	52.4	29.4	18.3	50.6	31.1	18.3
Lakshadweep	NR	NR	NR	NR	NR	NR

Source: National Sample Survey Organisation

NR : Not reported.

* It includes some North Eastern states whose break-up not reported by source agency.

** UT-wise breakup not reported except Delhi by the source agency.

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Table 36.4(A)-PERCENTAGE DISTRIBUTION OF HOUSEHOLDS LIVING IN PUCCA, SEMI PUCCA AND KUTCHA HOUSES FOR SOME SELECTED STATES

All-India/State/ Union Territory	1991			2001		
	Pucca	Semi-pucca	Kutcha	Pucca	Semi-pucca	Kutcha
1	2	3	4	5	6	7
All-India (*)	41.61	30.95	27.44	51.62	30.13	18.24
States:						
Andhra Pradesh	38.41	22.58	39.01	54.69	21.31	24.00
Arunachal Pradesh	14.94	11.72	73.34	20.68	18.16	61.16
Assam	14.62	15.16	70.22	19.47	31.23	49.12
Bihar	30.18	36.00	33.82	40.21	25.51	34.28
Chattisgarh**	..	..	..	25.43	72.00	2.57
Goa	50.70	44.47	4.82	70.15	27.84	2.01
Gujarat	56.93	39.01	4.06	63.37	31.83	5.45
Haryana	50.14	35.73	14.13	65.75	28.29	5.96
Himachal Pradesh	53.03	40.99	5.99	64.55	32.57	2.87
Jammu and Kashmir	..	..	..	54.14	32.84	13.01
Jharkhand**	..	..	..	31.46	57.57	10.97
Karnataka	42.55	40.90	16.55	54.94	35.52	9.54
Kerala	55.97	19.13	24.90	68.16	21.6	10.24
Madhya Pradesh	30.47	64.87	4.66	41.54	55.78	2.68
Maharashtra	52.20	36.14	11.67	57.85	34.33	7.82
Manipur	5.40	40.65	53.95	8.39	55.13	36.47
Meghalaya	13.30	33.72	52.98	22.14	37.49	40.37
Mizoram	19.10	42.52	38.38	52.84	25.69	21.47
Nagaland	12.62	36.47	50.91	16.19	50.50	33.30
Orissa	18.71	22.06	59.23	27.78	25.02	47.2
Punjab	76.97	11.07	11.96	86.11	8.86	5.02
Rajasthan	56.13	22.94	20.93	64.86	21.03	14.11
Sikkim	26.95	39.11	33.94	37.87	46.26	16.07
Tamil Nadu	45.54	18.03	36.44	58.41	18.19	23.41
Tripura	5.50	20.71	73.79	9.81	45.99	44.19
Uttar Pradesh	41.03	30.34	28.63	53.38	25.56	21.06
Uttranchal**	..	..	..	86.32	6.60	7.08
West Bengal	32.61	29.38	38.01	40.44	37.27	22.30
Union Territories:						
A. & N. Islands	10.40	47.25	42.35	28.4	38.56	33.05
Chandigarh	82.49	8.42	9.10	89.87	6.94	3.18
Daman and Diu	79.80	17.33	2.87	92.5	6.34	1.63
D. & N. Haveli	20.80	22.54	56.66	45.74	51.65	2.6
Delhi	85.60	4.61	9.79	91.67	4.87	3.50
Lakshadweep	88.84	9.04	2.12	95.29	2.93	1.78
Pondicherry	44.48	12.16	42.96	60.43	13.89	25.68

* All India figures excludes Jammu & Kashmir in 1991 Census.

** These states created in the year 2001.

**36.4(A)PERCENTAGE DISTRIBUTION OF HOUSE HOLDS
LIVING IN VARIOUS TYPES OF HOUSES-Concl.d.**

All-India/State/ Union Territory	2001(Rural)			2001(Urban)		
	Permanent	Semi- Permanent	Unclassified	Permanent	Semi- Permanent	Unclassified
1	2	3	4	5	6	7
All-India	41.10	35.73	23.17	79.34	15.39	5.27
States:						
Andhra Pradesh	47.03	24.28	28.69	78.08	12.27	9.65
Arunachal Pradesh	13.43	15.18	71.39	44.20	27.14	28.66
Assam	14.21	30.31	55.49	52.01	36.99	10.99
Bihar	37.23	26.57	36.21	70.30	15.66	10.04
Chattisgarh	17.03	80.09	2.88	61.05	37.78	1.17
Goa	60.65	37.24	2.11	79.21	18.92	1.87
Gujarat	50.97	41.68	7.34	87.81	10.51	1.66
Haryana	58.23	34.58	7.19	83.03	13.81	3.16
Himachal Pradesh	61.82	35.27	2.91	85.36	12.04	2.60
Jammu and Kashmir	45.64	39.08	15.28	82.82	11.56	5.62
Jharkhand	19.36	67.13	13.51	74.59	23.78	1.63
Karnataka	42.59	45.08	12.33	77.88	17.88	4.25
Kerala	64.56	23.98	11.46	78.82	14.48	6.70
Madhya Pradesh	31.22	65.93	2.85	71.57	26.19	2.24
Maharashtra	40.33	47.97	11.70	81.63	15.85	2.52
Manipur	4.79	52.26	42.95	19.05	63.85	17.10
Meghalaya	14.56	36.74	48.70	50.12	39.74	10.14
Mizoram	32.42	29.71	37.86	72.98	21.56	5.46
Nagaland	9.43	52.05	38.53	43.58	43.94	12.48
Orissa	21.78	26.34	51.88	63.80	16.68	19.52
Punjab	83.33	10.22	6.46	91.28	6.35	2.38
Rajasthan	57.12	25.40	17.48	90.53	6.28	3.19
Sikkim	31.79	50.21	18.00	79.38	18.18	2.44
Tamil Nadu	47.30	20.21	32.49	74.27	15.26	10.47
Tripura	3.99	44.53	51.48	36.13	51.66	12.21
Uttar Pradesh	46.14	28.84	25.02	82.21	12.81	4.98
Uttranchal	85.14	6.96	7.98	90.03	5.72	4.25
West Bengal	24.86	44.99	30.15	78.60	18.30	3.10
Union Territories:						
A. & N. Islands	19.30	37.76	42.93	48.34	40.08	11.57
Chandigarh	88.68	8.75	2.58	89.94	6.79	3.26
Daman and Diu	91.00	7.63	1.37	95.04	4.20	0.76
D. & N. Haveli	33.72	63.25	3.01	80.95	17.64	1.41
Delhi	91.46	5.93	2.60	91.70	4.74	3.55
Lakshadweep	93.89	3.55	2.56	97.30	2.03	0.66
Pondicherry	37.45	20.12	42.42	72.72	10.60	16.67

Source: Office of The Registrar General Of India

HOUSING

Table 36.4(B) PERCENTAGE DISTRIBUTION OF RURAL HOUSEHOLDS LIVING IN VARIOUS TYPES OF HOUSES

All-India/State/ Union Territory	NSS 59th Round Jan 2003- Dec. 2003			NSS 60th Round Jan 2004- June. 2004			Rural (Percentage)
	Pucca	Semi- Pucca	Katcha	Pucca	Semi- Pucca	Katcha	
	1	5	6	7	5	6	7
All-India	43.9	34.9	21.1	48.2	32.8	17.2	
States:							
Andhra Pradesh	56.1	20.6	23.3	59.7	17.4	20.7	
Arunachal Pradesh	NR	NR	NR	9.1	17.1	64.4	
Assam	14.0	41.8	44.2	15.1	45.1	36.1	
Bihar	36.3	28.6	35.1	44.7	22.9	28.7	
Chattisgarh	10.6	83.3	6.1	11.1	86.0	2.1	
Goa	NR	NR	NR	NR	NR	NR	
Gujarat	62.3	32.0	5.7	59.3	34.8	5.5	
Haryana	89.0	6.9	4.2	93.8	1.7	3.3	
Himachal Pradesh	68.8	26.4	4.6	71.7	24.6	3.4	
Jammu and Kashmir	38.1	38.4	23.4	40.4	36.0	21.6	
Jharkhand	16.9	59.4	23.6	19.8	60.3	18.4	
Karnataka	35.6	59.6	4.8	45.5	48.7	3.9	
Kerala	65.7	25.1	9.2	75.1	18.1	5.1	
Madhya Pradesh	28.9	61.3	9.8	32.3	60.1	7.2	
Maharashtra	49.2	43.6	7.2	52.8	40.9	5.5	
Manipur	4.7	54.8	38.4	5.1	60.2	29.8	
Meghalaya	43.5	39.2	17.3	NR	NR	NR	
Mizoram	NR	NR	NR	NR	NR	NR	
Nagaland	NR	NR	NR	NR	NR	NR	
Orissa	19.4	18.6	61.8	25.3	25.5	47.7	
Punjab	86.6	10.1	3.3	89.6	10.1	0.3	
Rajasthan	48.0	28.0	24.1	57.9	23.4	18.2	
Sikkim	NR	NR	NR	NR	NR	NR	
Tamil Nadu	51.4	24.2	24.4	53.6	21.3	23.1	
Tripura	3.9	64.8	31.3	5.4	75.8	18.2	
Uttar Pradesh	48.9	29.9	21.0	53.2	25.8	18.6	
West Bengal	26.6	43.2	30.1	29.0	45.4	21.9	
North Eastern States	18.9	50.0	30.7	18.9	56.6	22.4	
Union Territories	57.1*	29.7*	13.2*	52.7*	19.2*	16.1*	

NR : Not reported

* UT-wise breakup not reported by the source agency.

HOUSING

Table 36.4(B) PERCENTAGE DISTRIBUTION OF RURAL HOUSEHOLDS LIVING IN VARIOUS TYPES OF HOUSES Concl'd.

All-India/State/ Union Territory	Urban (Percentage)					
	NSS 59th Round Jan 2003- Dec. 2003			NSS 60th Round Jan 2004- June. 2004		
	Pucca	Semi- Pucca	Katcha	Pucca	Semi- Pucca	Katcha
1	8	9	10	11	12	13
All-India	81.7	13.4	4.8	85.5	10.2	3.5
States:						
Andhra Pradesh	80.8	11.0	8.3	85.5	5.7	7.6
Arunachal Pradesh	..	..	..	..	..	..
Assam	57.0	31.1	11.9	62.8	28.3	8.2
Bihar	78.1	15.1	6.9	80.6	7.8	9.3
Chattisgarh	..	..	..	62.6	33.1	4.3
Goa	..	..	..	..	..	..
Gujarat	85.8	9.6	4.6	93.2	5.2	1.2
Haryana	92.6	3.5	3.9	92.2	6.5	1.0
Himachal Pradesh	..	..	..	..	..	..
Jammu and Kashmir	81.2	11.5	7.3	83.9	10.3	4.0
Jharkhand	71.2	22.1	2.7	77.9	18.0	2.5
Karnataka	72.3	22.8	4.9	78.5	18.3	2.6
Kerala	84.0	11.3	4.7	83.6	13.5	1.3
Madhya Pradesh	72.6	21.9	5.5	79.9	17.2	2.9
Maharashtra	86.9	11.4	1.6	88.1	10.9	0.9
Manipur	..	..	..	16.4	61.5	21.2
Meghalaya	..	..	..	..	..	..
Mizoram	..	..	..	75.1	23.0	1.8
Nagaland	..	..	..	..	..	..
Orissa	63.9	19.4	16.7	69.8	14.4	13.4
Punjab	90.8	5.3	3.8	94.6	5.1	0.2
Rajasthan	91.6	6.2	2.2	94.1	4.4	1.4
Sikkim	..	..	..	..	..	..
Tamil Nadu	78.7	15.2	6.1	82.1	10.5	6.4
Tripura	..	..	..	..	..	..
Uttar Pradesh	86.6	9.8	3.4	89.1	6.2	3.4
West Bengal	76.8	17.4	5.6	83.5	12.7	3.0
North-Eastern States	..	..	..	48.8	41.5	8.1
Union Territories*	84.9	9.0	6.1	90.1	6.3	2.2
A. & N. Islands	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..	..
Daman and Diu	..	..	..	..	..	..
Delhi	93.1	4.8	2	92.6	3.3	3.8
Lakshadweep	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..

Source :National Sample Survey Organisation

* UT-wise breakup not reported except Delhi by the source agency

HOUSING

**Table 36.5(A)-INVESTMENT ON BUILDING PROJECTS UNDERTAKEN BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS : 1992-93
(Projects Completed)**

State/Union Territory	(Rs. million)						
	Residential		Non-residential		Total		
	CPWD and PU	States	CPWD and PU	States	CPWD and PU	States	Total
1	2	3	4	5	6	7	8
States:							
Andhra Pradesh	13.55	105.3	..	37.01	13.55	142.31	155.86
Arunachal Pradesh	..	..	..	..	..	..	..
Assam	2.4	0.17	1	0.25	3.4	0.42	3.82
Bihar	17.02	..	3.55	..	20.57	..	20.57
Goa	..	..	0.1	..	0.1	..	0.1
Gujarat	..	101.27	5.35	205.07	5.35	306.34	311.69
Haryana	..	..	0.3	..	0.3	..	0.3
Himachal Pradesh	0.96	4.33	1	7.9	1.96	12.23	14.19
Jammu & Kashmir	..	..	..	..	..	..	..
Karnataka	6.51	3.63	4.25	6.62	10.76	10.25	21.01
Kerala	3.82	8.46	2.72	26.06	6.54	34.52	41.06
Madhya Pradesh	18.67	82.77	5.27	108.18	23.94	190.95	214.89
Maharashtra	1.96	..	27.97	0.19	29.93	0.19	30.12
Manipur	..	..	..	..	..	..	..
Mehgalaya	..	6.48	..	0.7	..	7.18	7.18
Mizoram	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..
Orissa	69.68	6.34	..	15.19	69.68	21.53	91.21
Punjab	..	2.54	41.61	11.93	41.61	14.47	56.08
Rajasthan	..	..	..	..	..	..	..
Sikkim	..	..	..	..	..	..	..
Tamil Nadu	0.5	341.26	6.13	418.96	6.63	760.22	766.85
Tripura	..	..	..	..	..	..	..
Uttar Pradesh	0.44	126.47	3.41	158.52	3.85	284.99	288.84
West Bengal	90.47	..	0.88	..	91.35	..	91.35
Union territories:							
A. & N. Islands	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..
Dadar & Nagar Haveli	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..
Delhi	2.35	134.91	21.75	102.55	24.1	237.46	261.56
Lakshadweep	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..
Buildings by other agencies	..	..	..	..	..	..	..
Estimates for non-reporting	..	..	..	..	..	..	..
Grand Total	228.33	923.93	125.29	1099.13	353.62	2023.06	2376.68

For footnotes, please see next page.

HOUSING

Table 36.5(B)-INVESTMENT ON BUILDING PROJECTS UNDERTAKEN BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS : 1992-93-concl. (Projects Under Execution)

State/Union Territory	(Rs. million)						
	Residential		Non-residential		Total		
	CPWD and PU	States	CPWD and PU	States	CPWD and PU	States	Total
1	2	3	4	5	6	7	8
States:							
Andhra Pradesh	11.00	61.65	5.11	27.28	16.11	88.93	105.04
Arunachal Pradesh	..	..	..	..	..	..	..
Assam	20.18	0.52	..	9.20	20.18	9.72	29.90
Bihar	..	..	3.22	..	3.22	..	3.22
Goa	0.73	..	3.44	..	4.17	..	4.17
Gujarat	19.82	0.57	..	6.18	19.82	6.75	26.57
Haryana	30.28	..	71.99	..	102.27	..	102.27
Himachal Pradesh	9.58	3.57	1.10	5.42	10.68	8.99	19.67
Jammu & Kashmir	..	..	..	..	..	..	..
Karnataka	5.67	6.24	27.87	23.81	33.54	30.05	63.59
Kerala	8.31	22.91	12.46	204.14	20.77	227.05	247.82
Madhya Pradesh	13.51	212.49	40.31	43.36	53.82	255.85	309.67
Maharashtra	55.64	0.40	7.71	1.41	63.35	1.81	65.16
Manipur	..	..	..	..	..	..	..
Meghalaya	..	9.03	..	15.83	..	24.86	24.86
Mizoram	..	..	..	..	..	..	..
Nagaland	0.70	0.87	0.50	0.24	1.20	1.11	2.31
Orissa	22.00	8.43	..	6.16	22.00	14.59	36.59
Punjab	5.13	4.87	14.28	30.11	19.41	34.98	54.39
Rajasthan	..	..	..	..	..	..	..
Sikkim	..	..	..	..	..	..	..
Tamil Nadu	46.62	371.48	9.39	503.47	56.01	874.95	930.96
Tripura	..	..	..	..	..	..	..
Uttar Pradesh	29.61	231.92	70.23	261.46	99.84	493.38	593.22
West Bengal	245.00	..	0.78	..	245.78	..	245.78
Union Territories:							
A. & N. Islands	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..
Dadar & Nagar Haveli	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..
Delhi	32.98	256.85	49.39	168.07	82.37	424.91	507.28
Lakshadweep	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..
Buildings by other agencies	..	..	..	..	..	..	..
Estimates for non-reporting	..	..	..	..	..	..	..
Grand Total	556.76	1191.18	317.78	1306.75	874.54	2497.93	3372.47

Source: National Buildings Organisation, Ministry of Urban Affairs and Employment

CPWD - Central Public Works Department.

PU - Public Undertakings.

HOUSING

Table 36.6-NUMBER OF DWELLINGS OF DIFFERENT TYPES COMPLETED AND UNDER EXECUTION BY VARIOUS CENTRAL AND STATE PUBLIC SECTOR CONSTRUCTION AGENCIES-1992-93
(number)

Place of Construction State/Union Territory	Dwellings completed					Dwellings under execution				
	One room	Two rooms	Three rooms	Four or more rooms	Total	One room	Two rooms	Three rooms	Four or more rooms	Total
1	2	3	4	5	6	7	8	9	10	11
State:										
Andhra Pradesh	8	2073	116	37	2234	3	908	138	2	1051
Arunachal Pradesh	..	..	..	..	..	..	..	..	..	..
Assam	..	5	11	..	16	..	279	147	8	434
Bihar	12	28	30	1	71	..	..	..	..	..
Goa	..	..	..	..	..	..	6	..	..	6
Gujarat	1354	1008	75	56	2493	..	52	62	..	114
Haryana	..	..	..	..	..	6	16	38	18	78
Himachal Pradesh	2	38	14	23	77	..	61	63	27	151
Jammu & Kashmir	..	..	..	..	..	..	..	..	..	..
Karnataka	48	28	1	2	79	6	44	14	2	66
Kerala	2	20	47	99	168	26	86	88	285	485
Madhya Pradesh	488	977	319	81	1865	2959	2726	999	1031	7715
Maharashtra	..	..	16	..	16	28	54	86	81	249
Manipur	..	..	..	..	..	..	..	..	..	..
Meghalaya	1	..	6	2	9	..	..	1	213	214
Mizoram	..	..	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	244	167	186	121	718
Orissa	127	282	187	52	648	2	241	181	46	470
Punjab	..	..	..	..	..	12	18	16	29	75
Rajasthan	..	..	..	..	..	..	..	..	..	..
Sikkim	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	20440	1431	1118	427	23416	17512	7006	1908	48	26474
Tripura	..	..	..	..	..	..	..	..	..	..
Uttar Pradesh	921	804	295	364	2384	1779	1100	473	685	4037
West Bengal	..	678	36	34	748	..	1192	400	137	1729
Union Territory:										
A. & N. Islands	..	..	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..	..	..
Dadar & Nagar Haveli	..	..	..	..	..	..	..	..	..	..
Delhi	1409	484	1493	252	3638	7300	1607	3322	938	13167
Lakshadweep	..	..	..	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..	..	..	..
Buildings by other agencies	..	..	..	..	..	..	..	..	..	..
Estimates for non-reporting	..	..	..	..	..	..	..	..	..	..
Total	24812	7856	3764	1430	37862	29877	15563	8122	3671	57233

Source: National Buildings Organisation,
Ministry of Urban Affairs and Employment

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**Table 36.7(A)-ESTIMATED NUMBER OF BUILDING PERMITS AND COMPLETION
CERTIFICATES ISSUED IN MAJOR TOWNS IN INDIA**
(Number of building permits issued)

(00 no.)

State/ Union Territory	1961	1971	1981	1991	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10	11
States:										
Andhra Pradesh	64	62	98	185	195	197	202	205	227	234
Assam	2	5	9	23	23	18	21	20	23	23
Bihar	34	28	39	53	56	119	62	63	65	66
Gujarat	76	106	102	131	120	27	148	118	134	139
Haryana	..	3	5	35	29	16	30	33	37	41
Jammu & Kashmir	16	16	18	16	16	184	16	16	17	17
Karnataka	45	83	139	188	189	210	213	209	200	203
Kerala	58	53	109	109	201	150	212	204	205	206
Madhya Pradesh	61	91	80	143	147	206	180	179	205	214
Maharashtra	122	105	93	192	140	1	249	283	286	312
Manipur	..	2	..	1	1	2	1	2	2	2
Meghalaya	..	..	..	2	2	32	2	3	3	3
Orissa	8	4	6	21	30	77	34	36	37	29
Punjab (1)	42	38	41	60	55	159	66	74	77	82
Rajasthan	51	60	31	54	58	4	82	84	89	93
Tamil Nadu	97	102	97	152	145	232	191	176	186	197
Tripura	..	..	..	7	3	234	4	4	5	4
Uttar Pradesh	144	116	108	208	193	1	249	268	275	287
West Bengal	100	64	46	205	210	29	243	257	278	285
Union Territories:										
Chandigarh	..	10	12	1	1	1	1	1	1	1
Delhi	49	52	14	34	39	29	35	32	41	42
Pondicherry	-	-	-	11	11	12	12	12	12	12
Total	969	1000	1047	1831	1864	1940	2253	2279	2405	2492

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Table 36.7(B)-ESTIMATED NUMBER OF BUILDING PERMITS AND COMPLETION CERTIFICATES ISSUED IN MAJOR TOWNS IN INDIA-Concl'd.
(No. of completion certificates issued)

(00 no.)

State/ Union Territory	1961	1971	1981	1991	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10	11
States:										
Andhra Pradesh	47	45	80	142	146	152	167	176	192	197
Assam	2	2	4	10	10	8	9	8	12	12
Bihar	28	24	25	35	37	38	42	43	44	45
Gujarat	34	44	38	48	59	48	70	53	63	61
Haryana	..	2	-	20	12	7	15	30	32	35
Jammu & Kashmir	10	6	5	9	9	9	9	9	10	10
Karnataka	25	44	71	89	82	98	108	105	105	105
Kerala	39	35	50	48	112	122	106	107	112	116
Madhya Pradesh	51	19	35	75	67	92	129	172	197	206
Maharashtra	45	45	33	83	73	126	145	166	178	189
Manipur	..	1	..	..	..	..	..	..	..	1
Meghalaya	..	..	..	1	1	1	1	3	3	3
Orissa	7	4	7	21	27	28	31	32	34	26
Punjab (1)	23	21	19	24	26	40	41	47	53	58
Rajasthan	43	43	28	71	69	69	74	76	82	85
Tamil Nadu	61	54	79	77	83	125	150	148	158	159
Tripura	..	..	..	9	3	3	4	4	4	4
Uttar Pradesh	81	100	52	160	160	208	218	242	238	260
West Bengal	55	47	18	153	156	185	189	212	229	241
Union Territories:										
Chandigarh	..	6	5	1	1	1	1	1	1	1
Delhi	15	7	13	12	10	7	9	9	13	13
Pondicherry	-	-	-	11	11	12	12	12	12	12
Total	566	549	562	1099	1154	1379	1530	1655	1772	1838

Source: National Buildings Organisation,
Ministry of Urban Affairs and Employment

(1) In case of the 1961, data for Harayana and Chandigarh are included in Punjab.

Notes:

- 1.Upto the end of year 1961,data relate to private construction in municipal towns with population of 75,000 and above as per 1961 Census. From 1971, data pertain to all municipal towns with population of 1,00,000 and above as per 1971 Census.
- 2.There is no major town coming under the coverage given above in Himachal Pradesh, Nagaland, A & N. Islands, Arunachal Pradesh, Dadra & Nagar Haveli, Goa,Daman & Diu, Lakshadweep, Mizoram and Pondicherry. Hence these States/Union Territories are not included in the above table.
- 3.Estimates are based on replies to a main questionnaire issued to the municipalities.In case of non-responding municipalities, estimates have been arrived at by applying the average rate for the last three years relating to the concerned state.

Note:- Data includes estimated figures also.

HOUSING

Table 36.8(A)-PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF OCCUPANCY

(Percentage)

Year/ State/Union Territory	Total			Rural			Urban		
	Owned	Hired	Others	Owned	Hired	Others	Owned	Hired	Others
	2	3	4	5	6	7	8	9	10
1991	86	12	2	95	4	1	63	34	3
2001	87	10	3	94	4	2	67	28	5
2001									
State:									
Andhra Pradesh	82	16	2	90	8	2	56	41	3
Arunachal Pradesh	64	14	22	75	8	17	25	31	44
Assam	85	7	8	90	2	8	56	36	8
Bihar	97	2	1	98	1	1	77	19	4
Chattisgarh	89	8	3	94	3	3	64	29	7
Goa	77	19	4	87	10	3	68	28	4
Gujarat	85	12	3	93	5	2	73	23	4
Haryana	91	7	2	96	2	2	79	18	3
Himachal Pradesh	85	12	3	91	7	2	42	51	7
Jammu and Kashmir	93	5	2	97	1	2	83	14	3
Jharkhand	86	9	5	96	2	2	51	34	15
Karnataka	78	19	3	91	6	3	55	42	3
Kerala	93	5	2	94	3	3	88	10	2
Madhya Pradesh	89	8	3	96	2	2	69	25	6
Maharashtra	80	16	4	90	7	3	67	29	4
Manipur	94	5	1	95	4	1	90	9	1
Meghalaya	81	16	3	92	6	2	40	54	6
Mizoram	69	29	2	88	10	2	50	47	3
Nagaland	77	19	4	87	9	4	35	59	6
Orissa	90	6	4	96	2	2	54	33	13
Punjab	89	8	3	96	2	2	77	19	4
Rajasthan	92	6	2	97	2	1	79	18	3
Sikkim	63	28	9	69	23	8	23	60	17
Tamil Nadu	78	20	2	91	7	2	59	38	3
Tripura	89	8	3	93	4	3	71	27	2
Uttaranchal	83	12	5	91	5	4	59	31	10
Uttar Pradesh	95	4	1	98	1	1	80	16	4
West Bengal	86	10	4	96	2	2	64	31	5
Union Territory:									
A. & N. Islands	51	22	27	55	13	32	43	42	15
Chandigarh	46	43	11	33	65	2	47	40	13
Daman and Diu	57	37	6	51	43	6	67	28	5
D. & N. Haveli	69	29	2	79	18	3	37	61	2
Delhi	67	26	7	78	19	3	66	26	8
Lakshadweep	80	18	2	84	14	2	75	24	1
Pondicherry	68	27	5	84	11	5	60	35	5

Note: Data for the year 1991 excludes J&K. Beside ,the data excludes Institutional population.

HOUSING

Table 36.8(B)-PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF OCCUPANCY-Concl'd.

Year/ State/Union Territory	NSS 59th Round(Jan 2003-Dec. 2003)						NSS 60th Round(Jan. 2004-June. 2004)					
	Rural			Urban			Rural			Urban		
	Owned	hired	others	Owned	hired	others	Owned	hired	others	Owned	hired	others
1	11	12	13	14	15	16	17	18	19	20	21	22
All India	93.9	3.8	2.3	62.1	32.5	5.4	94.5	3.4	2.1	61.3	33.0	5.7
State:												
Andhra Pradesh	86.1	7.5	6.4	51.6	42.4	5.9	89.2	6.5	4.3	48.0	46.1	5.9
Arunachal Pradesh	..	..	..	..	..	..	78.5	6.0	15.4	..	..	..
Assam	91.1	3.6	5.2	63.8	30.2	6.1	94.7	1.2	4.1	57.3	33.3	9.4
Bihar	99.6	3.0	0.1	71.2	26.1	2.7	99.4	0.3	0.3	66.9	28.5	4.6
Goa	..	..	..	..	..	..	..	..	..	..	..	..
Gujarat	90.5	5.2	4.3	69.9	27.3	2.8	91.5	5.9	2.6	64.3	27.8	7.9
Haryana	88.7	11.1	0.2	72.2	22.3	5.5	96.9	3.0	0.1	68.9	28.6	2.4
Himachal Pradesh	83.5	14.9	1.4	..	..	..	91.1	6.6	2.3	..	..	..
Jammu and Kashmir	96.4	2.6	1.0	83.4	14.2	2.4	96.9	1.9	1.2	80.0	15.5	2.8
Jharkhand	95.0	4.4	0.6	36.2	46.2	13.6	98.3	1.6	0.1	56.4	39.4	4.2
Karnataka	92.7	5.4	1.9	53.8	41.5	4.6	89.4	6.2	4.3	54.1	39.7	6.2
Kerala	93.5	3.9	2.6	79.5	16.5	4.0	93.3	3.2	3.5	81.1	13.5	5.4
Madhya Pradesh	96.2	1.7	2.2	69.3	28.6	2.1	97.8	0.9	1.3	71.9	25.5	2.6
Maharashtra	91.0	4.5	4.5	58.3	34.7	7.0	92.1	4.6	3.3	60.1	33.3	6.6
Manipur	95.2	4.3	0.4	..	..	..	97.9	1.6	0.5	93.2	6.8	..
Meghalaya	93.3	6.1	0.6	..	..	..	..	..	..	..	..	..
Mizoram	..	..	..	..	..	..	..	..	..	75.1	20.8	3.6
Nagaland	..	..	..	..	..	..	..	..	..	..	..	..
Orissa	97.9	1.0	1.1	50.5	40.9	8.6	96.3	1.0	2.8	51.3	45.3	3.4
Punjab	96.0	2.5	1.5	68.4	26.0	5.6	96.9	0.8	2.4	66.8	30.3	2.9
Rajasthan	97.5	1.7	0.8	81.3	16.4	2.2	97.9	1.6	0.5	67.8	28.9	3.3
Sikkim	..	..	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	87.6	9.9	2.4	44.0	48.6	7.4	86.9	10.3	2.9	45.9	46.1	8.0
Tripura	94.3	4.5	1.2	..	..	..	96.2	2.2	1.6	..	..	..
Uttar Pradesh	98.4	0.8	0.6	77.1	20.5	2.2	98.3	1.0	0.6	70.4	24.2	5.3
West Bengal	97.4	0.5	2.1	64.4	28.0	7.5	96.5	1.3	2.2	68.2	26.2	5.6
North Eastern States	91.6	6.6	1.7	63.0	28.8	8.0	93.9	3.4	2.7	66.2	25.5	8.2
Union Territories:	68.3	22.7	9.0	53.5	39.8	6.8	59.0	27.2	13.8	40.1	55.8	4.1
A. & N. Islands	..	..	..	..	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..	..	..	..	..
D. & N. Haveli	..	..	..	..	..	..	..	..	..	..	..	..
Daman and Diu	..	..	..	..	..	..	..	..	..	..	..	..
Delhi	..	..	..	..	..	..	..	..	..	63.3	31.4	5.2
Lakshadweep	..	..	..	..	..	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..	..	..	..	..	..

Source: 1.National Sample Survey Organisation
2.Office of the Registrar General of India

HOUSING

**Table 36.9-DISTRIBUTION OF HOUSEHOLDS BY SIZE OF DWELLING UNITS OCCUPIED
(Percentage)**

Size of Dwelling Units Occupied	1991			2001		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
No Exclusive Room	0.03	0.02	0.04	3.11	3.41	2.32
One Room	40.49	40.82	39.55	38.47	39.78	35.12
Two Rooms	30.58	30.65	30.37	29.99	30.17	29.53
Three Rooms	13.85	13.50	14.82	14.35	13.28	17.09
Four Rooms	7.14	6.92	7.77	7.48	7.02	8.67
Five Rooms	3.16	3.18	3.14	2.9	2.76	3.27
Six or More Rooms	3.86	3.87	3.83	3.7	3.58	4.00
Unspecified number of room:	0.89	1.04	0.48	-	-	-
Total	100.00	100.00	100.00	100.00	100.00	100.00

Source: Office of the Registrar General of India

Note: Data for the year 1991 exclude Jammu & Kashmir . Besides, these exclude institutional population.

HOUSING

Table 36.10-PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE OF DRINKING WATER

Source of Drinking water	1991(1)			2001			54th Round(2)		58th Round(3)	
	Total	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
1	5	6	7	2	3	4	12	13	14	15
Tap	32.26	20.64	65.06	36.70	24.29	68.66	18.70	70.10	27.5	73.6
Well	32.23	38.01	15.91	18.17	22.22	7.71	25.80	6.70	17.9	5.1
Tubewell/handpump	30.04	34.90	16.32	41.22	48.94	21.35	50.10	21.30	51.3	19.6
Tank/pond	1.33	1.69	0.31	1.01	1.28	0.31	1.90	0.30	1.2	0.2
River, canal and lake	2.00	2.58	0.36	1.01	1.33	0.19	1.30	0.20	1.1	0.1
spring	..	..	..	0.74	0.93	0.25	1.70	0.10	0.8	0.1
Others	2.14	2.18	2.04	1.15	1.01	1.53	0.40	1.10	0.3	1.3
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source : 1. Office of the Registrar General of India,
2. National Sample Survey Organisation

Notes :

1. Data for the Census year 1991 exclude Jammu & Kashmir.
2. NSS 54th Round (January-June 1998) NSS-Reports No.449.
3. NSS 58th Round (July-December 2002), NSS Reports No.489.

HOUSING

Table 36.11-DISTRIBUTION OF HOUSEHOLDS HAVING SAFE DRINKING WATER FACILITIES

(Percentage)

All-India/State/ Union Territory	1991			2001		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
All-India (*)	62.3	55.5	81.4	77.9	73.2	90.0
States:						
Andhra Pradesh	55.1	49.0	73.8	80.1	76.9	90.2
Arunachal Pradesh	70.0	66.9	88.2	77.5	73.7	90.7
Assam	45.9	43.3	64.1	58.8	56.8	70.4
Bihar	58.8	56.6	73.4	86.6	86.1	91.2
Chattisgarh**	..	..	..	70.5	66.2	88.8
Goa	43.4	30.5	61.7	70.1	58.3	82.1
Gujarat	69.8	60.0	87.2	84.1	76.9	95.4
Haryana	74.3	67.1	93.2	86.1	81.1	97.3
Himachal Pradesh	77.3	75.5	91.9	88.6	87.5	97.0
Jammu and Kashmir	..	..	..	65.2	54.9	95.7
Jharkhand**	..	..	..	42.6	35.5	68.2
Karnataka	71.7	67.3	81.4	84.6	80.5	92.1
Kerala	18.9	12.2	38.7	23.4	16.9	42.8
Madhya Pradesh	53.4	45.6	79.5	68.4	61.5	88.6
Maharashtra	68.5	54.0	90.5	79.8	68.4	95.4
Manipur	38.7	33.7	52.1	37.0	29.3	59.4
Meghalaya	36.2	26.8	75.4	39.0	29.5	73.5
Mizoram	16.2	12.9	19.9	36.0	23.8	47.8
Nagaland	53.4	55.6	45.5	46.5	47.5	42.3
Orissa	39.1	35.3	62.8	64.2	62.9	72.3
Punjab	92.7	92.1	94.2	97.6	96.9	98.9
Rajasthan	59.0	50.6	86.5	68.2	60.4	93.5
Sikkim	73.1	70.8	92.9	70.7	67.0	97.1
Tamil Nadu	67.4	64.3	74.2	85.6	85.3	85.9
Tripura	37.2	30.6	71.1	52.5	45.0	85.8
Uttar Pradesh	62.2	56.6	85.8	87.8	85.5	97.2
Uttranchal**	..	..	..	86.7	83.0	97.8
West Bengal	82.0	80.3	86.2	88.5	87.0	92.3
Union Territories:						
A. & N. Islands	67.9	59.4	90.9	76.7	66.8	97.8
Chandigarh	97.7	98.1	97.7	99.8	99.9	99.8
D. & N. Haveli	45.6	41.2	91.0	77.0	70.5	96.1
Daman and Diu	71.4	56.9	86.8	96.3	94.9	98.9
Delhi	95.8	91.0	96.2	97.2	90.1	97.7
Lakshadweep	11.9	3.4	18.8	4.6	4.6	4.6
Pondicherry	88.8	92.9	86.1	95.9	96.6	95.5

Source: Office of the Registrar General of India

(*) All India figures excludes Jammu & Kashmir in 1991 census.

(**) These states created in the year 2001.

HOUSING

Table 36.12-DISTRIBUTION OF HOUSEHOLDS HAVING ELECTRICITY

(Percentage)

All-India/State/ Union Territory	2001			NSS 59th Round (January 2003-Dec. 2003)		NSS 60th Round (January 2004-June 2004)	
	Total	Rural	Urban	Rural	Urban	Rural	Urban
1	2	3	4	7	8	9	10
All-India (*)	55.85	43.53	87.58	51.6	90.8	53.5	92.2
Andhra Pradesh	67.17	59.65	89.99	77.2	95.6	75.4	93.5
Arunachal Pradesh	54.69	44.53	89.42	NR	NR	50.8	NR
Assam	24.90	16.54	74.29	25.4	82.8	25.8	95.9
Bihar	10.25	5.13	59.28	6.2	75.0	6.3	68.9
Chattisgarh	53.10	46.11	82.85	NR	NR	55.6	83.2
Goa	93.57	92.43	94.73	NR	NR	NR	NR
Gujarat	80.40	72.12	93.39	79.4	92.7	77.8	95.8
Haryana	82.89	78.50	92.94	89.6	93.0	88.2	95.9
Himachal Pradesh	94.81	94.48	97.38	92.5	NR	93.6	NR
Jammu and Kashmir	80.66	74.77	97.94	91.4	96.6	97.1	99.1
Jharkhand	24.30	9.99	75.61	16.3	85.7	23.3	87.0
Karnataka	78.55	72.16	90.53	84.0	93.7	81.9	94.9
Kerala	70.24	65.53	84.34	75.0	90.8	77.8	92.1
Madhya Pradesh	69.98	62.32	92.26	61.9	91.9	72.6	97.1
Maharashtra	77.49	65.17	94.28	70.1	96.0	73.0	96.8
Manipur	60.04	52.53	81.99	68.5	NR	80.9	95.7
Meghalaya	42.74	30.26	88.14	66.4	NR	NR	NR
Mizoram	69.63	44.14	94.42	NR	NR	NR	99.7
Nagaland	63.60	56.88	90.33	NR	NR	NR	NR
Orissa	26.91	19.35	74.08	24.4	84.8	33.9	82.0
Punjab	91.91	89.46	96.48	92.4	94.1	91.9	95.7
Rajasthan	54.69	44.02	89.61	44.2	89.8	50.8	91.9
Sikkim	77.76	75.02	97.09	NR	NR	NR	NR
Tamil Nadu	78.18	71.18	88.00	80.3	94.6	80.7	96.2
Tripura	41.84	31.75	86.36	57.4	NR	63.2	NR
Uttar Pradesh	31.90	19.84	79.92	21.6	79.9	25.5	82.9
Uttaranchal	60.32	50.35	90.92	NR	NR	NR	NR
West Bengal	37.45	20.27	79.56	28.2	84.0	30.2	87.2
Nort Eastern States	NR	NR	NR	64.8	95.0	67.9	96.6
Group of Union Territories	NR	NR	NR	90.5	81.6	86.9	95.2
A. & N. Islands	76.78	68.09	95.22	NR	NR	NR	NR
Chandigarh	96.79	97.41	96.70	NR	NR	NR	NR
D. & N. Haveli	85.99	82.63	95.84	NR	NR	NR	NR
Daman and Diu	97.76	97.46	98.31	NR	NR	NR	NR
Delhi	92.86	85.50	93.38	NR	97.5	NR	96.9
Lakshadweep	99.70	99.73	99.67	NR	NR	NR	NR
Pondicherry	87.81	81.00	91.40	NR	NR	NR	NR

Sources: 1. Office of the Registrar General of India,
2. National Sample Survey Organisation

NR : Not reported.

(*) All India figures excludes Jammu & Kashmir in 1991 Census.

HOUSING

**Table 36.13(A)-PERCENTAGE DISTRIBUTION OF RURAL HOUSEHOLDS BY TYPE OF LATRINE-
NSS 58th Round(Jul.-Dec. 2002)**

(Rural)

State/U.T.	Type of Latrine							Total
	No Latrine	Service Laterine	Septic tank/flush	Flush System	Sewerage system	other	Not Reported	
1	2	3	4	5	6	7	8	9
All-India	76.3	1.9	11.7			10.0	0.0	99.9
Andhra Pradesh	77.7	1.7	17.8	-	-	2.7	0.0	99.9
Arunachal Pradesh	28.7	16.2	12.1	-	-	42.7	0.2	99.9
Assam	13.8	1.6	10.4	-	-	74.1	0.0	99.9
Bihar	84.9	3.3	7.5	-	-	4.2	0.0	99.9
Goa	27.3	1.8	63.2	-	-	7.9	0.0	100.2
Gujarat	78.0	0.5	16.5	-	-	5.1	0.0	100.1
Haryana	76.9	0.2	14.8	-	-	8.1	0.0	100.0
Himachal Pradesh	71.0	2.2	26.0	-	-	0.8	0.0	100.0
Jammu & Kashmir	46.9	25.3	6.3	-	-	21.4	0.0	99.9
Karnataka	79.8	0.6	6.6	-	-	13.1	0.0	100.1
Kerala	10.3	0.3	21.3	-	-	68.0	0.0	99.9
Madhya Pradesh	93.1	0.5	5.1	-	-	1.3	0.0	100.0
Maharashtra	84.1	0.1	14.2	-	-	1.4	0.0	99.8
Manipur	6.3	14.1	17.1	-	-	62.5	0.1	100.1
Meghalaya	32.2	2.2	3.6	-	-	61.9	0.0	99.9
Mizoram	3.6	6.6	15.7	-	-	74.1	0.0	100.0
Nagaland	3.8	8.9	36.1	-	-	51.4	0.0	100.2
Orissa	88.4	4.7	5.2	-	-	1.7	0.0	100.0
Punjab	51.4	0.1	21.2	-	-	27.4	0.0	100.1
Rajasthan	87.5	0.8	5.2	-	-	6.5	0.0	100.0
Sikkim	10.7	0.3	47.1	-	-	41.9	0.0	100.0
Tamil Nadu	83.5	1.3	14.6	-	-	0.7	0.0	100.1
Tripura	5.8	4.2	3.0	-	-	87.0	0.0	100.0
Uttar Pradesh	87.6	3.2	6.9	-	-	2.0	0.1	99.8
West Bengal	69.4	2.5	11.7	-	-	16.5	0.0	100.1
Union Territory:								
A. & N. Islands	67.4	0.0	26.5	-	-	6.1	-	100.0
Chandigarh	22.8	3.6	73.6	-	-	0.0	-	100.0
D. & N. Haveli	71.1	0.6	25.6	-	-	2.6	-	99.9
Daman & Diu	30.6	0.9	68.5	-	-	0.0	-	100.0
Delhi	5.5	8.7	74.9	-	-	10.8	-	99.9
Lakshadweep	4.7	0.0	27.4	-	-	67.8	-	99.9
Pondicherry	82.0	0.0	18.0	-	-	-	-	100.0

HOUSING

Table 36.13(B)-PERCENTAGE DISTRIBUTION OF URBAN HOUSEHOLDS BY TYPE OF LATRINE-
NSS 58th Round(Jul.-Dec. 2002)

(Urban)

State/U.T.	Type of Latrine							Total
	No Latrine	Service Laterine	Septic tank	Flush System	Sewerage system	other	Not Reported	
1	2	3	4	5	6	7	8	9
All-India	17.9	4.1	70.7	-	-	7.3	0.0	100.0
Andhra Pradesh	19.8	1.5	76.8	-	-	1.9	0.0	100.0
Arunachal Pradesh	0.6	51.6	20.3	-	-	27.5	0.2	100.0
Assam	1.8	1.5	76.2	-	-	20.4	0.0	100.0
Bihar	31.0	1.9	61.3	-	-	5.7	0.0	100.0
Chattisgarh	41.5	0.4	56.2	-	-	1.9	0.0	100.0
Goa	12.1	4.6	83.1	-	-	0.2	0.0	100.0
Gujarat	6.8	1.6	87.5	-	-	4.2	0.0	100.0
Haryana	15.0	1.8	76.2	-	-	7.0	0.0	100.0
Himachal Pradesh	10.3	19.0	68.6	-	-	2.0	0.0	100.0
Jammu & Kashmir	12.6	16.8	59.3	-	-	11.3	0.0	100.0
Jharkhand	30.9	3.6	62.8	-	-	2.6	0.0	100.0
Karnataka	20.1	3.6	60.2	-	-	16.1	0.0	100.0
Kerala	3.7	0.1	49.1	-	-	47.0	0.0	100.0
Madhya Pradesh	33.1	7.5	51.4	-	-	7.9	0.1	100.0
Maharashtra	15.2	1.0	82.7	-	-	1.1	0.0	100.0
Manipur	0.0	26.5	45.6	-	-	27.9	0.0	100.0
Meghalaya	0.9	2.1	77.7	-	-	19.4	0.0	100.0
Mizoram	0.0	7.1	55.8	-	-	37.0	0.0	100.0
Nagaland	0.0	4.1	72.0	-	-	23.8	0.0	100.0
Orissa	32.9	1.1	59.2	-	-	6.8	0.0	100.0
Punjab	11.6	5.2	74.5	-	-	8.6	0.0	100.0
Rajasthan	30.7	3.4	57.7	-	-	8.2	0.0	100.0
Sikkim	0.7	0.0	92.3	-	-	0.0	0.0	100.0
Tamil Nadu	21.9	2.3	74.4	-	-	1.2	0.0	100.0
Tripura	0.8	9.8	43.1	-	-	46.1	0.0	100.0
Uttranchal	16.5	2.3	65.9	-	-	15.3	-	100.0
Uttar Pradesh	16.7	11.2	67.6	-	-	4.4	0.1	100.0
West Bengal	11.2	5.4	65.4	-	-	18.0	0.0	100.0

Source: National Sample Survey Organisation

Note: Data for UTs have not been reported by source agency.

HOUSING

Table 36.14-DISTRIBUTION OF HOUSEHOLDS HAVING TOILET FACILITIES
(Percentage)

All India/State/ Union Territory	2001			NSSO 58th Round	
	Total	Rural	Urban	Rural	Urban
1	2	3	4	5	6
All India	36.41	21.92	73.72	23.70	82.90
States:					
Andhra Pradesh	32.99	18.15	78.07	22.70	80.20
Arunachal Pradesh	56.30	47.34	86.95	NR	99.40
Assam	64.64	59.57	94.60	86.20	98.20
Bihar	19.19	13.91	69.69	15.10	69.00
Chattisgarh	14.20	5.18	52.59	8.70	58.50
Goa	58.64	48.21	69.23	72.70	87.90
Gujarat	44.60	21.65	80.55	22.00	93.20
Haryana	44.50	28.66	80.66	23.10	85.00
Himachal Pradesh	33.42	27.71	77.22	29.00	89.70
Jammu and Kashmir	53.13	41.80	86.87	53.10	87.40
Jharkhand	19.67	6.57	66.68	13.20	69.10
Karnataka	37.49	17.40	75.23	20.20	79.90
Kerala	84.01	81.33	92.02	89.70	96.30
Madhya Pradesh	23.99	8.94	67.74	6.90	66.90
Maharashtra	35.09	18.21	58.08	15.90	84.80
Manipur	82.03	77.50	95.31	93.70	100.00
Meghalaya	51.19	40.10	91.58	67.80	99.10
Mizoram	89.02	79.74	98.03	96.40	100.00
Nagaland	70.57	64.64	94.12	96.20	100.00
Orissa	14.89	7.71	59.69	11.60	67.10
Punjab	56.84	40.91	86.52	48.60	88.40
Rajasthan	28.99	14.61	76.11	12.50	69.30
Sikkim	63.38	59.35	91.79	89.30	99.30
Tamil Nadu	35.15	14.36	64.33	16.50	78.10
Tripura	81.45	77.93	96.96	94.20	99.20
Uttar Pradesh	31.43	19.23	80.01	12.40	83.70
Uttaranchal	45.20	31.60	86.88	38.80	83.50
West Bengal	43.71	26.93	84.85	23.90	89.80
Union Territories:					
A. & N. Islands	53.28	42.33	76.49	32.60	86.00
Chandigarh	78.85	68.53	80.07	77.20	95.00
D. & N. Haveli	32.56	17.32	77.20	28.90	96.20
Daman and Diu	43.94	32.02	65.43	69.40	88.30
Delhi	77.96	62.88	79.03	94.50	93.10
Lakshadweep	89.20	93.14	83.77	95.30	91.20
Pondicherry	49.94	21.42	65.04	18.00	78.30

Sources:1.Office of the Registrar General of India,
2.National Sample Survey Organisation

NR : Not reported

Note:- NSS Report No. 489 (July-December 2002)

HOUSING

**Table 36.15-AVERAGE COVERED AREA (IN SQ. METRES) OF DWELLING UNIT BY STATES
AND BY TYPE OF DWELLING UNIT FOR SOME SELECTED STATES**

60th Round (Jan. 2004-June. 2004)

State	Independent house		Others		Flat		All	
	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
1	2	3	4	5	6	7	8	9
States								
Andhra Pradesh	32	37	20	17	33	41	32	37
Arunachal Pradesh	78	NR	26	NR	50	NR	70	NR
Assam	47	58	54	19	45	34	47	49
Bihar	59	74	61	16	73	44	60	62
Chattisgarh	69	58	19	22	31	73	67	56
Delhi	NR	43	NR	18	NR	43	NR	39
Gujarat	55	55	39	21	72	46	53	50
Haryana	57	56	38	23	46	48	56	53
Himachal Pradesh	62	NR	11	NR	45	NR	59	NR
Jammu & Kashmir	80	90	16	31	46	31	76	77
Jharkhand	59	56	40	21	47	49	59	51
Karnataka	46	52	29	24	39	42	45	47
Kerala	67	76	20	11	43	48	65	72
Madhya Pradesh	61	56	41	25	42	39	60	51
Maharashtra	42	44	29	18	53	45	39	35
Manipur	66	72	20	148	66	95	66	73
Mizoram	NR	54	NR	55	NR	57	NR	55
Meghalaya	NR	NR	NR	NR	NR	NR	NR	NR
Orissa	44	50	33	19	39	32	43	43
Punjab	71	64	22	19	18	23	68	55
Rajasthan	63	73	38	23	47	57	62	64
Tamil Nadu	38	46	26	16	37	36	37	40
Tripura	38	NR	30	NR	46	NR	38	NR
Uttar Pradesh	62	61	38	25	38	35	61	52
West Bengal	47	50	36	21	62	45	46	43
North Eastern States	48	50	27	30	42	43	47	48
UT's	40	36	19	15	22	39	35	36
All-India	53	55	34	20	43	41	51	46

Source : National Sample Survey Organisation

NR : Not reported.

TABLE NUMBER 36.3
 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY
 TYPE OF DWELLINGS AS PER 60th ROUND OF NSS



TABLE NUMBER 36.4
 PERCENTAGE DISTRIBUTION OF
 HOUSEHOLDS LIVING IN VARIOUS TYPES OF
 HOUSES

