



**POPULATION AND HOUSING CENSUS
1998**

**ADVANCE TABULATION ON HOUSING CHARACTERISTICS
(PROVISIONAL FIGURES)**

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**POPULATION CENSUS ORGANIZATION
STATISTICS DIVISION
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ADVANCE TABULATION ON HOUSING CHARACTERISTICS

The fifth, country wide, Population & Housing Census was conducted from 2nd to 18th March 1998. The provisional results in respect of Punjab Province had already been released in the form of Census Bulletin 3 providing data on population distribution by sex and rural/urban areas at Tehsil level and for individual urban localities. Advance tabulation on important population characteristics i.e., sex, age group, marital status, literacy and educational attainment had also been released in the form of Census Bulletin 8 for policy and planning purposes at provincial level.

An early release of some essential data on housing was also realised for planning and policy formulation. Accordingly advance tabulation on important housing characteristics in respect of Punjab Province is being released in the form of Census Bulletin, 15. The bulletin comprises two parts: the first part contains broad analysis of housing data providing an insight about the qualitative and quantitative aspects of housing in the province by rural and urban break down. While the second part consists of advance tabulation on important housing characteristics compiled from scientifically selected sample covering 1-2 per cent rural and 2-5 per cent urban households.

1 BROAD ANALYSIS OF HOUSING DATA

1.1 HOUSING STOCK

According to 1998 Population and Housing Census there were 10,718 thousand housing units in the province as against 7,538 thousand enumerated in 1980 showing an increase of 42.2 per cent during the intercensal period 1980-98. Of the total housing units in the province 69.5 per cent were in rural as against 30.5 per cent in urban areas. The rural housing stock has increased at a low pace, 33.6 per cent as against a significant increase of 83.4 per cent in urban stock since 1980. The overall increase in the housing stock in the province has not been that high as the population increase i.e., 53.5 per cent, indicating a shortage of housing units against increasing population.

1.2 LEVEL OF CONGESTION

Level of congestion in terms of persons/rooms per housing unit reflect the living standard of a society. It also help in determining the over all requirement of housing units and ultimately provides a base for policy formation and future planning at macro and micro level. These indices are shown in Table I:

TABLE 1: LEVEL OF CONGESTION

Index of Congestion	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
Persons per housing unit	6.5	6.3	6.9	6.7	6.7	6.6
Room* per housing unit	2.0	1.9	2.2	2.3	2.2	2.5
Housing unit with one room *	47.9	50.4	41.0	31.7	33.6	27.3
Housing unit with 2-4 rooms *	48.4	46.8	52.8	61.0	60.0	63.3
Housing units with 5 or more rooms *	3.7	2.8	6.2	7.3	6.4	9.4

* The number of rooms does not include store, kitchen, bathroom and latrine as well as verandah.

The level of congestion in terms of persons per housing unit or the household size has increased from 6.5 in 1980 to 6.7 in 1998. Similar trend is reflected in rural areas of the province, however, the household size in urban areas has declined from 6.9 in 1980 to 6.6 in 1998 indicating an improvement in standard of living in urban areas.

The number of rooms per housing unit has increased from 2.0 in 1980 to 2.3 in 1998 at provincial level. A similar trend is reflected in both rural and urban parts of the province indicating an improvement in housing conditions over time.

The percentage of single room houses has declined from 48 in 1980 to 32 in 1998. However, the housing units with 2-4 rooms has increased significantly from 48 per cent in 1980 to 61 per cent in 1998. The percentage of houses with 5 or more rooms has almost doubled in the province as well as in its rural areas in 1998 as compared to that in 1980. However, in urban areas it has increased from 6.2 to 9.6 per cent.

1.3 NATURE OF TENURE

Of the total housing units enumerated in 1998 Census, over 83 per cent were reported as owned as against 79 per cent in 1980. The percentage of rented houses has marginally increased over the time since 1980 both in rural and urban areas of the province. Whereas, the trend of rent free houses has considerably declined at provincial level as well as its rural and urban parts as shown in Table 2.

TABLE 2: HOUSING UNITS BY NATURE OF TENURE

Nature of Tenure	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All types	100.0	100.0	100.0	100.0	100.0	100.0
Owned	79.3	82.4	70.6	83.2	87.6	73.2
Rented	6.2	1.5	19.3	7.4	2.1	19.3
Rent Free	14.5	16.1	10.1	9.4	10.3	7.5

1.4 PERIOD OF CONSTRUCTION

Of the owned housing units, only 0.7 per cent were found under construction showing a very slow pace of construction. More than 53 per cent of the housing units in the province were constructed 10 years earlier to the 1998 Census, while 46 per cent were constructed between March, 1988 and 1998, of which 19 per cent built after March 1993. However, recent trend of construction of new houses was relatively higher in rural areas as compared to that in urban areas.

TABLE : 3 OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION

Period of Construction	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
Under Construction	-	-	-	0.7	0.7	0.7
Less than 5 years	20.4	20.2	21.0	18.7	19.6	16.2
5-10 years	25.4	26.4	22.3	27.3	29.7	20.9
More than 10 years	54.2	53.4	56.7	53.3	50.0	62.2

1.5 CONSTRUCTION MATERIAL - OUTERWALLS

Quality of housing units is reflected through the construction material used in the outer walls and roofs of the houses. Quality indices of construction regarding outer walls are shown in the following table:

TABLE 4: CONSTRUCTION MATERIAL USED IN OUTERWALLS

Construction Material	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
Baked Bricks/Blocks/Stones	44.2	31.1	81.6	67.9	58.4	89.5
Unbaked Bricks/Mud	52.8	65.3	17.2	30.6	39.8	9.8
Wood/Bamboo	0.3	0.3	0.2	0.4	0.5	0.2
Others	2.7	3.3	1.0	1.1	1.3	0.5

A remarkable change has been observed in the standard of construction of houses in the province since 1980. In 1998 Census, about 68 per cent outerwalls of the houses were reported as made of baked bricks/blocks/stones with cement/mud finish as against 44 per cent in 1980. The percentage of standard pucaa walls was significantly higher at 89.5 in urban areas as against 58.4 in rural areas.

The 2nd category of construction of outerwalls was unbaked bricks with mud bonding which shares about 31 per cent at provincial level; about 40 per cent in rural and 10 per cent in urban areas. The use of this material in the province has however, declined from 53 per cent in 1980. The use of wood/bamboo and other material in the construction of outer walls was nominal at province level as well as in rural and urban areas.

1.6 CONSTRUCTION MATERIAL - ROOFS

The quality index of construction of roofs indicates that about 21 per cent housing units in the province have standard category of roofs constructed with RCC/RBC (reinforced concrete/bricks with cement bounded) which is 38 per cent in urban areas as against 13 per cent in rural areas. The trend of RCC/RBC construction has increased three folds in the province since 1980 when only 7 per cent roofs were built with RCC/RBC indicating an improvement in standard of construction since 1980.

Most of the roofs i.e., 67 per cent, were reported as constructed with baked bricks, iron sheets supported with girders, wood log and bamboo in 1998 Census. The share of this category in the construction of roofs in rural areas was over 73 per cent as against 54 per cent in urban areas. However, the over all trend of use of these materials in the construction of roofs has declined since 1980 when it was 86 per cent at provincial level, 90 per cent in rural and 74 per cent in urban areas. The use of other, unspecified, material in the construction of roofs was about 12 per cent.

TABLE 5 CONSTRUCTION MATERIAL USED IN ROOFS

Construction Material	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
RCC/RBC	6.8	1.3	22.2	20.7	13.0	38.4
Cement/Iron sheet/ Wood/Bamboo	85.7	89.7	74.4	67.4	73.4	53.9
Others	7.5	9.0	3.4	11.8	13.6	7.7

1.7 SOURCE OF DRINKING WATER

Easy access to potable drinking water is one of the basic human needs upon which the health status of people largely depends. It also serves as an index of quality living. Availability of drinking water through all sources in the province is shown in Table 6 below:

TABLE 6 PERCENTAGE OF HOUSING UNITS BY SOURCE OF DRINKING WATER

Source of Drinking Water	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
<u>Inside</u>	<u>64.6</u>	<u>58.8</u>	<u>81.2</u>	<u>86.6</u>	<u>83.0</u>	<u>94.8</u>
Pipe (Nul)	10.8	2.1	35.7	22.4	10.0	50.7
Hand Pump	51.2	54.1	42.7	62.4	71.2	42.5
Well	2.6	2.6	2.8	1.8	1.8	1.6
<u>Outside</u>	<u>35.4</u>	<u>41.2</u>	<u>18.8</u>	<u>13.4</u>	<u>17.0</u>	<u>5.2</u>
Pipe (Nul)	3.2	1.3	8.4	2.1	1.7	3.4
Hand Pump	15.5	18.6	6.8	4.9	6.5	1.0
Well	10.3	12.9	2.9	2.8	3.9	0.1
Pond	3.4	4.5	0.3	1.2	1.7	0.1
Others	3.0	3.9	0.4	2.4	3.2	0.6

Of the total housing units in the province 24.5 per cent houses have access to piped water which is 54 per cent in urban and 12 per cent in rural areas. Supply of piped water inside the houses in Punjab is available to 22.4 per cent housing units: 51 per cent in urban and 10 per cent in rural areas showing a significant improvement since 1980 when it was 11 per cent at provincial level; 2 per cent in rural and 36 per cent in urban areas.

The most commonly used source of drinking water is hand pump which serves 67 per cent housing units in the province, with 78 per cent in rural as against 44 per cent in urban areas. Well is another important source of drinking water in the province, however, its share has declined from 13 to 5 per cent housing units during 1980 to 1998. More than 3 per cent houses still use pond and other sources of drinking water in the province.

1.8 SOURCE OF LIGHTING

Electricity is the most common source of lighting in the province. This facility is available to about 73 per cent housing units: 93 per cent in urban and about 64 per cent in rural areas. A significant improvement has been observed in the use of electricity as it has extended from 29 per cent houses in 1980 to 73 per cent in 1998, particularly in rural areas where the supply has extended from 14 to 64 per cent during this period.

Kerosene oil is the second important source of lighting, its use has, however, declined significantly from 70 per cent in 1980 to 26 per cent in 1998. The use of other sources for lighting is normal i.e., one per cent as indicated in the following table:

TABLE : 7 PERCENTAGE OF HOUSING UNITS BY SOURCE OF LIGHT

Source of Lighting	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
Electricity	29.1	13.6	72.7	72.8	63.9	93.0
Kerosene Oil	70.3	85.8	26.6	26.2	35.1	6.0
Others	0.6	0.6	0.7	1.0	1.0	1.0

1.9 USE OF COOKING FUEL

More than 68 per cent housing units in the province use wood/brushwood as cooking fuel with 80 per cent in rural and 41 per cent in urban areas. Gas is the 2nd major source of cooking fuel, its use has extended to about 16 per cent houses in 1998 as against 5 per cent in 1980. It is significantly higher at 48 per cent in urban areas as against only 2 per cent in rural areas. On the other hand the use of kerosene oil as cooking fuel has declined considerably at provincial level especially in urban areas.

TABLE : 8 PERCENTAGE OF HOUSING UNITS BY COOKING FUEL USED

Cooking Fuel Used	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
All Categories	100.0	100.0	100.0	100.0	100.0	100.0
Wood	70.9	76.5	55.2	68.2	80.3	40.8
Kerosene Oil	4.8	0.8	16.3	3.6	1.5	8.3
Gas	4.7	0.2	17.2	15.8	1.7	47.9
Others	19.6	22.5	11.3	12.4	16.5	3.0

(KHALID LATIF CH.)

Dated : December 16, 1999

for Chief Census Commissioner

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TABLE 01 - HOUSING UNITS BY HOUSEHOLD SIZE, NUMBER OF ROOMS AND RURAL/URBAN

HOUSING UNITS / HOUSEHOLD SIZE	HOUSING UNITS BY NUMBER OF ROOMS						HOUSING UNITS		ROOMS PER HOUSING UNIT
	1	2	3	4	5	6 AND MORE	TOTAL	PERCENT	
1	2	3	4	5	6	7	8	9	10
PUNJAB									
1 PERSON	183,205	65,028	23,454	10,263	3,546	3,960	289,456	2.70	1.6
2 PERSONS	383,610	191,786	62,832	23,717	7,697	8,294	677,936	6.33	1.7
3 PERSONS	407,128	259,269	99,330	42,400	14,026	12,156	834,309	7.78	1.8
4 PERSONS	441,797	351,909	151,825	65,674	23,417	21,127	1,055,749	9.85	2.0
5 PERSONS	468,575	448,666	210,313	91,074	34,286	31,480	1,284,394	11.98	2.1
6 PERSONS	454,808	509,961	255,172	110,071	41,288	37,660	1,408,960	13.15	2.2
7 PERSONS	374,132	497,979	260,876	116,007	41,192	41,455	1,331,641	12.42	2.3
8 PERSONS	276,193	429,859	229,882	110,214	42,023	37,636	1,125,807	10.50	2.4
9 PERSONS	185,279	314,700	190,886	92,774	33,472	33,400	850,511	7.94	2.5
10 PERSONS & MORE	221,862	546,724	455,520	320,550	138,735	175,892	1,859,283	17.35	3.1
T O T A L	3,396,589	3,615,881	1,940,090	982,744	379,682	403,060	10,718,046	100.00	2.3
PERCENT	31.69	33.74	18.10	9.17	3.54	3.76	100.00		
PERSONS PER HOUSING UNIT	5.2	6.6	7.4	8.3	8.9	10.0	6.7		
PUNJAB - RURAL									
1 PERSON	130,667	44,859	15,016	6,342	2,237	1,953	201,074	2.70	1.6
2 PERSONS	299,753	140,282	43,035	16,682	4,581	4,578	508,911	6.84	1.6
3 PERSONS	309,071	185,601	67,219	26,132	9,358	6,328	603,709	8.11	1.8
4 PERSONS	330,755	247,545	102,166	40,392	14,525	10,332	745,715	10.02	1.9
5 PERSONS	341,581	313,133	131,073	54,820	19,409	16,274	876,290	11.77	2.0
6 PERSONS	333,919	356,854	162,548	66,348	24,092	20,088	963,849	12.95	2.1
7 PERSONS	273,773	351,406	174,516	74,967	24,497	24,677	923,836	12.41	2.2
8 PERSONS	196,420	305,045	156,312	74,107	26,836	23,421	782,141	10.51	2.4
9 PERSONS	133,373	218,801	132,035	61,267	22,151	22,038	589,665	7.92	2.5
10 PERSONS & MORE	154,432	380,213	304,553	211,820	90,684	107,128	1,248,830	16.78	3.0
T O T A L	2,503,744	2,543,739	1,288,473	632,877	238,370	236,817	7,444,020	100.00	2.2
PERCENT	33.63	34.17	17.31	8.50	3.20	3.18	100.00		
PERSONS PER HOUSING UNIT	5.2	6.6	7.6	8.5	9.1	10.4	6.7		
PUNJAB - URBAN									
1 PERSON	52,538	20,169	8,438	3,921	1,309	2,007	88,382	2.70	1.7
2 PERSONS	83,857	51,504	19,797	7,035	3,116	3,716	169,025	5.16	1.8
3 PERSONS	98,057	73,668	32,111	16,268	4,668	5,828	230,600	7.04	2.0
4 PERSONS	111,042	104,364	49,659	25,282	8,892	10,795	310,034	9.47	2.2
5 PERSONS	126,994	135,533	79,240	36,254	14,877	15,206	408,104	12.46	2.3
6 PERSONS	120,889	153,107	92,624	43,723	17,196	17,572	445,111	13.60	2.4
7 PERSONS	100,359	146,573	86,360	41,040	16,695	16,778	407,805	12.46	2.5
8 PERSONS	79,773	124,814	73,570	36,107	15,187	14,215	343,666	10.50	2.5
9 PERSONS	51,906	95,899	58,851	31,507	11,321	11,362	260,846	7.97	2.6
10 PERSONS & MORE	67,430	166,511	150,967	108,730	48,051	68,764	610,453	18.65	3.2
T O T A L	892,845	1,072,142	651,617	349,867	141,312	166,243	3,274,026	100.00	2.5
PERCENT	27.27	32.75	19.90	10.69	4.32	5.08	100.00		
PERSONS PER HOUSING UNIT	5.2	6.4	7.2	7.9	8.5	9.4	6.6		

TABLE 2 - HOUSING UNITS BY NUMBER OF ROOMS, TENURE AND RURAL/URBAN

TENURE	HOUSING UNITS BY NUMBER OF ROOMS						HOUSING UNITS	
	1	2	3	4	5	6 AND MORE	TOTAL	PERCENT
1	2	3	4	5	6	7	8	9
PUNJAB								
OWNED	2,574,524	3,030,523	1,701,418	893,156	349,525	368,907	8,918,053	83.21
RENTED	278,037	283,899	138,069	51,979	17,203	19,838	789,025	7.36
RENT FREE	544,028	301,459	100,603	37,609	12,954	14,315	1,010,968	9.43
TOTAL	3,396,589	3,615,881	1,940,090	982,744	379,682	403,060	10,718,046	100.00
PERCENT	31.69	33.74	18.10	9.17	3.54	3.76	100.00	
PUNJAB - RURAL								
OWNED	2,004,007	2,258,229	1,201,836	602,811	228,232	227,845	6,522,960	87.63
RENTED	76,557	53,872	15,601	6,337	1,658	2,143	156,168	2.10
RENT FREE	423,180	231,638	71,036	23,729	8,480	6,629	764,892	10.28
TOTAL	2,503,744	2,543,739	1,288,473	632,877	238,370	236,617	7,444,020	100.00
PERCENT	33.63	34.17	17.31	8.50	3.20	3.18	100.00	
PUNJAB - URBAN								
OWNED	570,517	772,294	499,582	290,345	121,293	141,062	2,395,093	73.15
RENTED	201,480	230,027	122,468	45,642	15,545	17,695	632,857	19.33
RENT FREE	120,848	69,821	29,567	13,880	4,474	7,486	246,076	7.52
TOTAL	892,845	1,072,142	651,617	349,867	141,312	166,243	3,274,026	100.00
PERCENT	27.27	32.75	19.90	10.69	4.32	5.08	100.00	

TABLE 3 - OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION, NUMBER OF ROOMS AND RURAL/URBAN

PERIOD OF CONSTRUCTION (IN YEARS)	HOUSING UNITS BY NUMBER OF ROOMS						HOUSING UNITS	
	1	2	3	4	5	6 AND MORE	TOTAL	PERCENT
1	2	3	4	5	6	7	8	9
PUNJAB								
UNDER CONSTRUCTION	19,202	18,661	11,337	6,466	2,468	3,757	61,891	.69
LESS THAN 5	558,410	597,492	281,108	140,807	45,282	45,687	1,668,786	18.71
5 - 10	739,763	858,899	453,859	217,139	92,702	75,838	2,438,200	27.34
MORE THAN 10	1,257,149	1,555,471	955,114	528,744	209,073	243,625	4,749,176	53.25
TOTAL	2,574,524	3,030,523	1,701,418	893,156	349,525	368,907	8,918,053	100.00
PERCENT	28.87	33.98	19.08	10.02	3.92	4.14	100.00	
PUNJAB - RURAL								
UNDER CONSTRUCTION	15,336	13,491	7,722	4,008	1,564	2,347	44,468	.68
LESS THAN 5	457,430	458,547	205,320	98,664	30,701	30,315	1,280,977	19.64
5 - 10	619,469	688,681	348,045	159,926	68,557	52,824	1,937,502	29.70
MORE THAN 10	911,772	1,097,510	640,749	340,213	127,410	142,359	3,260,013	49.98
TOTAL	2,004,007	2,258,229	1,201,836	602,811	228,232	227,845	6,522,960	100.00
PERCENT	30.72	34.62	18.42	9.24	3.50	3.49	100.00	
PUNJAB - URBAN								
UNDER CONSTRUCTION	3,866	5,170	3,615	2,458	904	1,410	17,423	.73
LESS THAN 5	100,980	138,945	75,788	42,143	14,581	15,372	387,809	16.19
5 - 10	120,294	170,218	105,814	57,213	24,145	23,014	500,698	20.91
MORE THAN 10	345,377	457,961	314,365	188,531	81,663	101,266	1,489,163	62.18
TOTAL	570,517	772,294	499,582	290,345	121,293	141,062	2,395,093	100.00
PERCENT	23.82	32.24	20.86	12.12	5.06	5.89	100.00	

TABLE 4 - HOUSING UNITS BY TENURE, MATERIAL USED IN OUTER WALLS, ROOFS AND RURAL/URBAN

CONSTRUCTION MATERIAL USED IN	HOUSING UNITS BY TENURE			HOUSING UNITS	
	OWNED	RENTED	RENT-FREE	TOTAL	PERCENT
	1	2	3	4	5
PUNJAB					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	6,081,169	718,729	479,956	7,279,854	67.92
- UNBAKED BRICKS / EARTH BOUND	2,709,019	65,390	508,999	3,283,408	30.63
- WOOD / BAMBOO	30,142	2,475	7,396	40,013	.37
- OTHERS	97,723	2,431	14,617	114,771	1.07
ROOFS					
- RCC / RBC	1,719,084	359,788	144,459	2,223,331	20.74
- CEMENT / IRON SHEETS	1,017,556	133,043	83,786	1,234,385	11.52
- WOOD / BAMBOO	5,117,445	249,535	625,803	5,992,783	55.91
- OTHERS	1,063,968	46,659	156,920	1,267,547	11.83
TOTAL	8,918,053	789,025	1,010,968	10,718,046	100.00
PERCENT	83.21	7.36	9.43	100.00	
PUNJAB - RURAL					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	3,943,680	129,455	275,045	4,348,180	58.41
- UNBAKED BRICKS / EARTH BOUND	2,466,507	24,375	473,119	2,964,001	39.82
- WOOD / BAMBOO	27,073	1,169	5,477	33,719	.45
- OTHERS	85,700	1,169	11,251	98,120	1.32
ROOFS					
- RCC / RBC	856,166	56,047	54,604	966,817	12.99
- CEMENT / IRON SHEETS	730,030	24,725	53,434	808,189	10.86
- WOOD / BAMBOO	4,071,567	66,306	517,270	4,655,143	62.54
- OTHERS	865,197	9,090	139,584	1,013,871	13.62
TOTAL	6,522,960	156,168	764,892	7,444,020	100.00
PERCENT	87.63	2.10	10.28	100.00	
PUNJAB - URBAN					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	2,137,489	589,274	204,911	2,931,674	89.54
- UNBAKED BRICKS / EARTH BOUND	242,512	41,015	35,880	319,407	9.76
- WOOD / BAMBOO	3,069	1,306	1,919	6,294	.19
- OTHERS	12,023	1,262	3,366	16,651	.51
ROOFS					
- RCC / RBC	862,918	303,741	89,855	1,256,514	38.38
- CEMENT / IRON SHEETS	287,526	108,318	30,352	426,196	13.02
- WOOD / BAMBOO	1,045,878	183,229	108,533	1,337,640	40.86
- OTHERS	198,771	37,569	17,336	253,676	7.75
TOTAL	2,395,093	632,857	246,076	3,274,026	100.00
PERCENT	73.15	19.33	7.52	100.00	

TABLE 5 - OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION, MATERIAL USED IN OUTER WALLS, ROOFS AND RURAL/URBAN

CONSTRUCTION MATERIAL USED IN	HOUSING UNITS BY PERIOD OF CONSTRUCTION (IN YEARS)				HOUSING UNITS	
	UNDER	LESS THAN 5	5 - 10	MORE THAN 10	TOTAL	PERCENT
	CONSTRUCRION					
1	2	3	4	5	6	7
PUNJAB						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	46,137	1,174,700	1,651,563	3,208,769	6,081,169	68.19
- UNBAKED BRICKS / EARTH BOUND	14,178	466,528	766,209	1,462,104	2,709,019	30.38
- WOOD / BAMBOO	-	9,947	5,054	15,141	30,142	.34
- OTHERS	1,576	17,611	15,374	63,162	97,723	1.10
ROOFS						
- RCC / RBC	19,680	359,916	456,379	883,109	1,719,084	19.28
- CEMENT / IRON SHEETS	8,538	235,155	271,299	502,564	1,017,556	11.41
- WOOD / BAMBOO	23,551	859,539	1,405,303	2,829,052	5,117,445	57.38
- OTHERS	10,122	214,176	305,219	534,451	1,063,968	11.93
TOTAL	61,891	1,668,786	2,438,200	4,749,176	8,918,053	100.00
PERCENT	.69	18.71	27.34	53.25	100.00	
PUNJAB - RURAL						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	29,917	823,040	1,200,090	1,889,833	3,943,680	60.46
- UNBAKED BRICKS / EARTH BOUND	13,376	431,600	718,449	1,303,082	2,466,507	37.81
- WOOD / BAMBOO	-	9,593	4,502	12,978	27,073	.42
- OTHERS	1,175	15,944	14,461	54,120	85,700	1.31
ROOFS						
- RCC / RBC	8,895	208,147	274,364	364,760	856,166	13.13
- CEMENT / IRON SHEETS	7,032	176,266	209,173	337,559	730,030	11.19
- WOOD / BAMBOO	20,131	713,615	1,195,038	2,142,783	4,071,567	62.42
- OTHERS	8,410	182,949	258,927	414,911	865,197	13.26
TOTAL	44,468	1,280,977	1,937,502	3,260,013	6,522,960	100.00
PERCENT	.68	19.64	29.70	49.98	100.00	
PUNJAB - URBAN						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	16,220	350,860	451,473	1,318,936	2,137,489	89.24
- UNBAKED BRICKS / EARTH BOUND	802	34,928	47,760	159,022	242,512	10.13
- WOOD / BAMBOO	-	354	552	2,163	3,069	.13
- OTHERS	401	1,667	913	9,042	12,023	.50
ROOFS						
- RCC / RBC	10,785	151,769	182,015	518,349	862,918	36.03
- CEMENT / IRON SHEETS	1,506	58,889	62,126	165,005	287,526	12.00
- WOOD / BAMBOO	3,420	145,924	210,265	686,269	1,045,878	43.67
- OTHERS	1,712	31,227	46,292	119,540	198,771	8.30
TOTAL	17,423	387,809	500,698	1,489,163	2,395,093	100.00
PERCENT	.73	16.19	20.91	62.18	100.00	

TABLE 6 - HOUSING UNITS BY TENURE, SOURCE OF DRINKING WATER, LIGHTING,
COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY TENURE			HOUSING UNITS	
	OWNED	RENTED	RENT-FREE	TOTAL	PERCENT
1	2	3	4	5	6
PUNJAB					
SOURCE OF DRINKING WATER					
INSIDE	7,810,450	713,207	758,900	9,282,557	86.61
PIPE (NUL)	1,775,088	433,067	192,693	2,400,848	22.40
HAND PUMP	5,883,223	256,075	553,498	6,692,796	62.44
WELL	152,139	24,065	12,709	188,913	1.76
OUTSIDE	1,107,603	75,818	252,068	1,435,489	13.39
PIPE (NUL)	142,145	50,281	40,945	233,371	2.18
HAND PUMP	388,544	12,679	119,931	521,154	4.86
WELL	265,394	5,659	25,849	296,902	2.77
POND	112,571	936	13,730	127,237	1.19
OTHERS	198,949	6,263	51,613	256,825	2.40
SOURCE OF LIGHTING					
ELECTRICITY	6,553,739	729,147	522,303	7,805,189	72.82
KEROSENE OIL	2,284,273	54,540	467,187	2,806,000	26.18
OTHERS	80,041	5,338	21,478	106,857	1.00
COOKING FUEL USED					
WOOD	6,297,938	284,505	727,439	7,309,882	68.20
KEROSENE OIL	237,771	110,375	36,533	384,679	3.59
GAS	1,217,227	359,697	121,585	1,698,509	15.85
OTHERS	1,165,117	34,448	125,411	1,324,976	12.36
TOTAL	8,918,053	789,025	1,010,968	10,718,046	100.00
PERCENT	83.21	7.36	9.43	100.00	

TABLE 6 - HOUSING UNITS BY TENURE, SOURCE OF DRINKING WATER, LIGHTING,
COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY TENURE			HOUSING UNITS	
	OWNED	RENTED	RENT-FREE	TOTAL	PERCENT
1	2	3	4	5	6
PUNJAB - RURAL					
SOURCE OF DRINKING WATER					
INSIDE	5,501,102	130,363	548,787	6,180,252	83.02
PIPE (NUL)	637,223	36,714	69,132	743,069	9.98
HAND PUMP	4,747,051	83,689	469,998	5,300,738	71.21
WELL	116,828	9,960	9,657	136,445	1.83
OUTSIDE	1,021,858	25,805	216,105	1,263,768	16.98
PIPE (NUL)	91,400	9,122	22,463	122,985	1.65
HAND PUMP	370,317	8,303	108,398	487,018	6.54
WELL	262,040	5,259	25,398	292,697	3.93
POND	111,559	783	12,712	125,054	1.68
OTHERS	186,542	2,338	47,134	236,014	3.17
SOURCE OF LIGHTING					
ELECTRICITY	4,322,033	124,609	312,805	4,759,447	63.94
KEROSENE OIL	2,142,300	29,895	437,332	2,609,527	35.06
OTHERS	58,627	1,664	14,755	75,046	1.01
COOKING FUEL USED					
WOOD	5,247,794	99,110	628,541	5,975,445	80.27
KEROSENE OIL	73,708	24,887	13,285	111,880	1.50
GAS	104,671	16,910	7,421	129,002	1.73
OTHERS	1,096,787	15,261	115,645	1,227,693	16.49
TOTAL	6,522,960	156,168	764,892	7,444,020	100.00
PERCENT	87.63	2.10	10.28	100.00	

TABLE 6 - HOUSING UNITS BY TENURE, SOURCE OF DRINKING WATER, LIGHTING,
COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY TENURE			HOUSING UNITS	
	OWNED	RENTED	RENT-FREE	TOTAL	PERCENT
1	2	3	4	5	6
PUNJAB - URBAN					
SOURCE OF DRINKING WATER					
INSIDE	2,309,348	582,844	210,113	3,102,305	94.76
PIPE (NUL)	1,137,865	396,353	123,561	1,657,779	50.63
HAND PUMP	1,136,172	172,386	83,500	1,392,058	42.52
WELL	35,311	14,105	3,052	52,468	1.60
OUTSIDE	85,745	50,013	35,963	171,721	5.24
PIPE (NUL)	50,745	41,159	18,482	110,386	3.37
HAND PUMP	18,227	4,376	11,533	34,136	1.04
WELL	3,354	400	451	4,205	.13
POND	1,012	153	1,018	2,183	.07
OTHERS	12,407	3,925	4,479	20,811	.64
SOURCE OF LIGHTING					
ELECTRICITY	2,231,706	604,538	209,498	3,045,742	93.03
KEROSENE OIL	141,973	24,645	29,855	196,473	6.00
OTHERS	21,414	3,674	6,723	31,811	.97
COOKING FUEL USED					
WOOD	1,050,144	185,395	98,898	1,334,437	40.76
KEROSENE OIL	164,063	85,488	23,248	272,799	8.33
GAS	1,112,556	342,787	114,164	1,569,507	47.94
OTHERS	68,330	19,187	9,766	97,283	2.97
TOTAL	2,395,093	632,857	246,076	3,274,026	100.00
PERCENT	73.15	19.33	7.52	100.00	

TABLE 7 - OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION, SOURCE OF DRINKING WATER,
LIGHTING, COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY PERIOD OF CONSTRUCTION (IN YEARS)				HOUSING UNITS	
	UNDER				TOTAL	PERCENT
	CONSTRUCTION	LESS THAN 5	5 - 10	MORE THAN 10		
1	2	3	4	5	6	7
PUNJAB						
SOURCE OF DRINKING WATER						
INSIDE	52,481	1,481,349	2,143,095	4,133,525	7,810,450	87.58
PIPE (NUL)	12,274	264,506	373,400	1,124,908	1,775,088	19.90
HAND PUMP	38,308	1,199,913	1,742,439	2,902,563	5,883,223	65.97
WELL	1,899	16,930	27,256	106,054	152,139	1.71
OUTSIDE	9,410	187,437	295,105	615,651	1,107,603	12.42
PIPE (NUL)	2,015	21,578	38,989	79,563	142,145	1.59
HAND PUMP	3,627	89,930	121,584	173,403	388,544	4.36
WELL	487	19,682	48,748	196,477	265,394	2.98
POND	1,470	18,293	35,543	57,265	112,571	1.26
OTHERS	1,811	37,954	50,241	108,943	198,949	2.23
SOURCE OF LIGHTING						
ELECTRICITY	46,120	1,085,310	1,731,005	3,691,304	6,553,739	73.49
KEROSENE OIL	14,381	556,449	685,797	1,027,646	2,284,273	25.61
OTHERS	1,390	27,027	21,398	30,226	80,041	.90
COOKING FUEL USED						
WOOD	41,280	1,237,267	1,845,150	3,174,241	6,297,938	70.62
KEROSENE OIL	2,486	48,702	53,478	133,105	237,771	2.67
GAS	9,057	148,754	215,905	843,511	1,217,227	13.65
OTHERS	9,068	234,063	323,667	598,319	1,165,117	13.06
TOTAL	61,891	1,668,786	2,438,200	4,749,176	8,918,053	100.00
PERCENT	.69	18.71	27.34	53.25	100.00	

TABLE 7 - OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION, SOURCE OF DRINKING WATER,
LIGHTING, COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY PERIOD OF CONSTRUCTION (IN YEARS)				HOUSING UNITS	
	UNDER				TOTAL	PERCENT
	CONSTRUCTION	LESS THAN 5	5 - 10	MORE THAN 10		
1	2	3	4	5	6	7
PUNJAB - RURAL						
SOURCE OF DRINKING WATER						
INSIDE	36,563	1,107,090	1,656,859	2,700,590	5,501,102	84.33
PIPE (NUL)	4,102	117,883	172,192	343,046	637,223	9.77
HAND PUMP	30,812	976,378	1,462,513	2,277,348	4,747,051	72.77
WELL	1,649	12,829	22,154	80,196	116,828	1.79
OUTSIDE	7,905	173,887	280,643	559,423	1,021,858	15.67
PIPE (NUL)	1,362	15,489	31,598	42,951	91,400	1.40
HAND PUMP	3,026	86,250	118,002	163,039	370,317	5.68
WELL	487	19,380	48,598	193,575	262,040	4.02
POND	1,470	18,091	35,239	56,759	111,559	1.71
OTHERS	1,560	34,677	47,206	103,099	186,542	2.86
SOURCE OF LIGHTING						
ELECTRICITY	30,902	753,368	1,270,985	2,266,778	4,322,033	66.26
KEROSENE OIL	13,078	508,816	649,193	971,213	2,142,300	32.84
OTHERS	488	18,793	17,324	22,022	58,627	.90
COOKING FUEL USED						
WOOD	34,592	1,026,019	1,587,539	2,599,644	5,247,794	80.45
KEROSENE OIL	684	18,937	19,247	34,840	73,708	1.13
GAS	975	15,918	24,736	63,042	104,671	1.60
OTHERS	8,217	220,103	305,980	562,487	1,096,787	16.81
TOTAL	44,468	1,280,977	1,937,502	3,260,013	6,522,960	100.00
PERCENT	.68	19.64	29.70	49.98	100.00	

TABLE 7 - OWNED HOUSING UNITS BY PERIOD OF CONSTRUCTION, SOURCE OF DRINKING WATER,
LIGHTING, COOKING FUEL USED AND RURAL/URBAN

SOURCE	HOUSING UNITS BY PERIOD OF CONSTRUCTION (IN YEARS)				HOUSING UNITS	
	UNDER	LESS THAN 5	5 - 10	MORE THAN 10	TOTAL	PERCENT
	CONSTRUCTION					
1	2	3	4	5	6	7
PUNJAB - URBAN						
SOURCE OF DRINKING WATER						
INSIDE	15,918	374,259	486,236	1,432,935	2,309,348	96.42
PIPE (NUL)	8,172	146,623	201,208	781,862	1,137,865	47.51
HAND PUMP	7,496	223,535	279,926	625,215	1,136,172	47.44
WELL	250	4,101	5,102	25,858	35,311	1.47
OUTSIDE	1,505	13,550	14,462	56,228	85,745	3.58
PIPE (NUL)	653	6,089	7,391	36,612	50,745	2.12
HAND PUMP	601	3,680	3,582	10,364	18,227	.76
WELL	-	302	150	2,902	3,354	.14
POND	-	202	304	506	1,012	.04
OTHERS	251	3,277	3,035	5,844	12,407	.52
SOURCE OF LIGHTING						
ELECTRICITY	15,218	331,942	460,020	1,424,526	2,231,706	93.18
KEROSENE OIL	1,303	47,633	36,604	56,433	141,973	5.93
OTHERS	902	8,234	4,074	8,204	21,414	.89
COOKING FUEL USED						
WOOD	6,688	211,248	257,611	574,597	1,050,144	43.85
KEROSENE OIL	1,802	29,765	34,231	98,265	164,063	6.85
GAS	8,082	132,836	191,169	780,469	1,112,556	46.45
OTHERS	851	13,960	17,687	35,832	68,330	2.85
TOTAL	17,423	387,809	500,698	1,489,163	2,395,093	100.00
PERCENT	.73	16.19	20.91	62.18	100.00	

TABLE 8 - HOUSING UNITS BY TENURE, KITCHEN, BATH ROOM, LATRINE FACILITIES AND RURAL/URBAN

HOUSING FACILITIES	HOUSING UNITS BY TENURE			HOUSING UNITS	
	OWNED	RENTED	RENT-FREE	TOTAL	PERCENT
1	2	3	4	5	6
PUNJAB					
KITCHEN					
SEPARATE	2,847,810	325,937	163,745	3,337,492	31.14
SHARED	847,934	125,320	83,096	1,056,350	9.86
NONE	5,222,309	337,768	764,127	6,324,204	59.01
BATH ROOM					
SEPARATE	2,870,781	376,403	181,308	3,430,492	32.01
SHARED	1,401,744	241,200	128,735	1,771,679	16.53
NONE	4,645,528	169,422	700,925	5,515,875	51.46
LATRINE					
SEPARATE	2,244,187	404,030	153,900	2,802,117	26.14
SHARED	1,234,980	252,615	116,369	1,603,964	14.97
NONE	5,438,886	132,380	740,699	6,311,965	58.89
TOTAL	8,918,053	789,025	1,010,968	10,718,046	100.00
PERCENT	83.21	7.36	9.43	100.00	
PUNJAB - RURAL					
KITCHEN					
SEPARATE	1,862,789	48,095	90,284	2,001,168	26.88
SHARED	456,344	6,911	32,653	495,908	6.66
NONE	4,203,827	101,162	641,955	4,946,944	66.46
BATH ROOM					
SEPARATE	1,734,392	62,772	91,974	1,889,138	25.38
SHARED	631,918	27,367	44,163	703,448	9.45
NONE	4,156,650	66,029	628,755	4,851,434	65.17
LATRINE					
SEPARATE	1,030,306	61,225	52,297	1,143,828	15.37
SHARED	417,758	25,816	26,888	470,462	6.32
NONE	5,074,896	69,127	685,707	5,829,730	78.31
TOTAL	6,522,960	156,168	764,892	7,444,020	100.00
PERCENT	87.63	2.10	10.28	100.00	
PUNJAB - URBAN					
KITCHEN					
SEPARATE	985,021	277,842	73,461	1,336,324	40.82
SHARED	391,590	118,409	50,443	560,442	17.12
NONE	1,018,482	236,606	122,172	1,377,260	42.07
BATH ROOM					
SEPARATE	1,136,389	315,631	89,334	1,541,354	47.08
SHARED	769,826	213,833	84,572	1,068,231	32.63
NONE	488,878	103,393	72,170	664,441	20.29
LATRINE					
SEPARATE	1,213,881	342,805	101,603	1,658,289	50.65
SHARED	817,222	226,799	89,481	1,133,502	34.62
NONE	363,990	63,253	54,992	482,235	14.73
TOTAL	2,395,093	632,857	246,076	3,274,026	100.00
PERCENT	73.15	19.33	7.52	100.00	