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**POPULATION AND HOUSING CENSUS  
1998**

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

**CENSUS  
BULLETIN  
NWFP**

**14**

**POPULATION CENSUS ORGANIZATION  
STATISTICS DIVISION  
GOVERNMENT OF PAKISTAN  
ISLAMABAD**

# 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 NWFP had already been released in the form of Census Bulletin 2 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 NWFP is being released in the form of Census Bulletin, 14. 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 2,301 thousand housing units in the province as against 1,615 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 82.1 per cent were in rural as against 17.9 per cent in urban areas. The rural housing stock has increased at a low pace, 36.8 per cent as against a significant increase of 75.7 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., 58.7 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 1:

TABLE 1: LEVEL OF CONGESTION

Index of Congestion	1980			1998		
	All Areas	Rural	Urban	All Areas	Rural	Urban
Persons per housing unit	7.0	6.9	7.1	7.5	7.7	6.9
Room* per housing unit	1.9	1.9	2.2	2.4	2.4	2.6
Housing unit with one room *	49.8	51.0	42.6	27.0	28.1	22.3
Housing unit with 2-4 rooms *	46.2	45.4	50.8	64.6	64.0	67.0
Housing units with 5 or more rooms *	4.0	3.6	6.6	8.4	7.9	10.7

\* 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 7.0 in 1980 to 7.5 in 1998. Similar trend is reflected in rural areas of the province, however, the household size in urban areas has declined from 7.1 in 1980 to 6.9 in 1998 indicating an improvement in standard of living in urban areas.

The number of rooms per housing unit has increased from 1.9 in 1980 to 2.4 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 50 in 1980 to 27 in 1998. However, the housing units with 2-4 rooms has increased significantly from 46 per cent in 1980 to 65 per cent in 1998. The percentage of houses with 5 or more rooms has 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 6.6 to 10.7 per cent.

### 1.3 NATURE OF TENURE

Of the total housing units enumerated in 1998 Census, over 79 per cent were reported as owned as against 75 per cent in 1980. The percentage of rented houses has marginally decreased in the province whereas, the trend of rent free houses has considerably declined at provincial level as well as in its rural and urban parts over the time since 1980 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	75.1	78.4	55.9	79.3	83.7	59.0
Rented	10.0	6.2	32.2	9.5	4.9	30.2
Rent Free	14.9	15.4	11.9	11.2	11.4	10.8

## 1.4 PERIOD OF CONSTRUCTION

Of the owned housing units, only 0.4 per cent were found under construction showing a very slow pace of construction. About 72 per cent of the housing units in the province were constructed 10 years earlier to the 1998 Census, while 28 per cent were constructed between March, 1988 and 1998, of which 10 per cent built after March 1993. However, recent trend of construction of new houses was relatively higher in urban areas as compared to that in rural 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	-	-	-	0.4	0.4	0.4
Less than 5 years	11.1	10.7	14.6	9.9	9.4	12.6
5-10 years	17.2	17.0	18.6	18.0	18.5	15.1
More than 10 years	71.7	72.3	66.8	71.7	71.7	71.9

## 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	56.9	56.0	62.2	56.6	52.9	73.7
Unbaked Bricks/Mud	38.1	38.8	34.2	38.2	41.3	24.2
Wood/Bamboo	1.0	1.1	0.7	2.7	2.9	1.7
Others	4.0	4.1	2.9	2.5	2.9	0.4

No significant change has been observed in the standard of construction of houses in the province since 1980. In 1998 Census, about 56.6 per cent outerwalls of the houses were reported as made of baked bricks/blocks/stones with cement/mud finish as against 56.9 per cent in 1980. The percentage of standard pucaa walls was significantly higher at 74 in urban areas as against 53 in rural areas.

The 2nd category of construction of outerwalls was unbaked bricks with mud bonding which shares about 38 per cent at provincial level; 41 per cent in rural and 24 per cent in urban areas. 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 16 per cent housing units in the province have standard category of roofs constructed with RCC/RBC (reinforced concrete/bricks with cement bounded) which is 37 per cent in urban areas as against 11 per cent in rural areas. The trend of RCC/RBC construction has increased three folds in the province since 1980 when only 5 per cent roofs were built with RCC/RBC indicating an improvement in standard of construction.

Most of the roofs i.e., 78 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 82 per cent as against 59 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 85 per cent at provincial level, 87 per cent in rural and 74 per cent in urban areas. The use of other, unspecified, material in the construction of roofs was about 6 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	4.8	2.3	19.6	15.9	11.3	37.1
Cement/Iron sheet/ Wood/Bamboo	85.0	86.7	74.4	77.9	81.9	59.2
Others	10.2	11.0	6.0	6.2	6.8	3.7

## 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:

**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
<b>All Categories</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Inside</b>	<b>30.4</b>	<b>25.5</b>	<b>59.4</b>	<b>56.8</b>	<b>50.9</b>	<b>83.6</b>
Pipe (Nul)	8.0	3.6	34.0	28.5	21.9	58.6
Hand Pump	2.8	2.5	4.4	9.5	9.6	8.7
Well	19.6	19.4	21.0	18.8	19.4	16.3
<b>Outside</b>	<b>69.6</b>	<b>74.5</b>	<b>40.6</b>	<b>43.2</b>	<b>49.0</b>	<b>16.4</b>
Pipe (Nul)	9.1	6.6	23.6	11.5	11.9	9.6
Hand Pump	0.7	0.8	0.4	1.4	1.5	0.7
Well	17.7	18.4	13.4	8.4	9.5	3.3
Pond	3.5	4.1	0.3	3.7	4.4	0.6
Others	38.6	44.6	2.9	18.2	21.7	2.2

Of the total housing units in the province 40 per cent houses have access to piped water which is 68 per cent in urban and 34 per cent in rural areas. Supply of piped water inside the houses in NWFP is available to 29 per cent housing units: 59 per cent in urban and 22 per cent in rural areas showing a significant improvement since 1980 when it was 8 per cent at provincial level; 4 per cent in rural and 34 per cent in urban areas.

The other commonly used source of drinking water is well which serves 27 per cent housing units in the province, with 29 per cent in rural as against 20 per cent in urban areas. Hand pump is another important source of drinking water in the province, while its share has increased from 4 to 11 per cent housing units during 1980 to 1998. More than 22 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: 96 per cent in urban and about 68 per cent in rural areas. A significant improvement has been observed in the use of electricity as it has extended from 34 per cent houses in 1980 to 73 per cent in 1998, particularly in rural areas where the supply has extended from 26 to 68 per cent during this period.

Kerosene oil is the second important source of lighting, its use has, however, declined significantly from 61 per cent in 1980 to 24 per cent in 1998. The use of other sources for lighting is normal i.e., 3 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
<b>All Categories</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Electricity	33.5	25.5	80.5	73.1	68.1	96.0
Kerosene Oil	61.1	68.4	18.5	24.0	28.5	3.2
Others	5.4	6.1	1.0	2.9	3.4	0.8

**1.9 USE OF COOKING FUEL**

More than 84 per cent housing units in the province use wood/brushwood as cooking fuel with 93 per cent in rural and 43 per cent in urban areas. Gas is the 2nd major source of cooking fuel, its use has extended to about 11 per cent houses in 1998 as against 2 per cent in 1980. It is significantly higher at 47 per cent in urban areas as against only 3 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
<b>All Categories</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Wood	72.6	76.4	49.8	83.6	92.6	43.4
Kerosene Oil	5.0	1.1	28.1	2.0	1.1	6.3
Gas	1.5	0.2	9.7	10.8	3.0	46.5
Others	20.9	22.3	12.4	3.4	3.3	3.8

**( KHALID LATIF CH. )**

Dated : December 16, 1999

for Chief Census Commissioner

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TABLE C1 - 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
	1	2	3	4	5	6 AND MORE	TOTAL	PERCENT	HOUSING UNIT
1	2	3	4	5	6	7	8	9	10
N.W.F.P.									
1 PERSON	28,681	9,187	3,364	1,474	267	517	43,490	1.89	1.6
2 PERSONS	61,263	27,982	8,270	3,381	1,144	1,365	103,405	4.49	1.6
3 PERSONS	60,864	44,960	14,942	5,439	1,548	1,400	129,153	5.61	1.8
4 PERSONS	72,424	64,820	20,983	9,593	1,998	2,088	171,906	7.47	1.9
5 PERSONS	79,423	87,646	32,976	14,327	4,606	3,349	222,327	9.66	2.0
6 PERSONS	84,566	107,850	46,910	20,409	6,744	4,772	271,251	11.79	2.2
7 PERSONS	77,738	111,886	52,268	23,420	6,188	5,678	277,178	12.05	2.2
8 PERSONS	57,665	103,418	50,860	24,092	7,626	7,493	251,154	10.91	2.4
9 PERSONS	45,379	82,681	51,972	23,126	7,467	6,530	217,155	9.44	2.5
10 PERSONS & MORE	53,851	161,480	161,461	114,141	53,549	69,603	614,085	26.69	3.3
T O T A L	621,854	801,910	444,006	239,402	91,137	102,795	2,301,104	100.00	2.4
PERCENT	27.02	34.85	19.30	10.40	3.96	4.47	100.00		
PERSONS PER HOUSING UNIT	5.4	6.9	8.3	9.6	11.2	13.9	7.5		
N.W.F.P. - RURAL									
1 PERSON	23,075	6,981	2,220	1,141	164	162	33,743	1.79	1.5
2 PERSONS	52,789	21,875	5,791	2,218	815	598	84,086	4.45	1.6
3 PERSONS	51,868	36,789	10,555	3,851	1,028	923	105,014	5.56	1.7
4 PERSONS	62,263	52,694	15,210	6,175	1,028	1,194	138,564	7.33	1.8
5 PERSONS	68,148	69,584	24,406	9,364	3,039	1,844	176,385	9.33	2.0
6 PERSONS	71,105	87,794	36,275	13,978	4,929	3,097	217,178	11.49	2.1
7 PERSONS	66,409	93,161	41,904	17,547	4,555	3,691	227,267	12.03	2.2
8 PERSONS	48,954	87,214	41,366	19,026	5,801	5,423	207,784	10.99	2.3
9 PERSONS	39,085	69,899	44,077	18,588	5,855	5,047	182,551	9.66	2.4
10 PERSONS & MORE	46,667	138,132	137,245	94,759	43,873	56,656	517,332	27.37	3.2
T O T A L	530,363	664,123	359,049	186,647	71,087	78,635	1,889,904	100.00	2.4
PERCENT	28.06	35.14	19.00	9.88	3.76	4.16	100.00		
PERSONS PER HOUSING UNIT	5.5	7.0	8.6	10.0	11.6	14.7	7.7		
N.W.F.P. - URBAN									
1 PERSON	5,606	2,206	1,144	333	103	355	9,747	2.37	1.8
2 PERSONS	8,474	6,107	2,479	1,163	329	767	19,319	4.70	2.0
3 PERSONS	8,996	8,171	4,387	1,588	520	477	24,139	5.87	2.1
4 PERSONS	10,161	12,126	5,773	3,418	970	894	33,342	8.11	2.3
5 PERSONS	11,275	18,062	8,570	4,963	1,567	1,505	45,942	11.17	2.4
6 PERSONS	13,461	20,056	10,635	6,431	1,815	1,675	54,073	13.15	2.4
7 PERSONS	11,329	18,725	10,364	5,873	1,633	1,987	49,911	12.14	2.5
8 PERSONS	8,711	16,204	9,494	5,066	1,825	2,070	43,370	10.55	2.6
9 PERSONS	6,294	12,782	7,895	4,538	1,612	1,483	34,604	8.42	2.6
10 PERSONS & MORE	7,184	23,348	24,216	19,382	9,676	12,947	96,753	23.53	3.4
T O T A L	91,491	137,787	84,957	52,755	20,050	24,160	411,200	100.00	2.6
PERCENT	22.25	33.51	20.66	12.83	4.88	5.88	100.00		
PERSONS PER HOUSING UNIT	5.1	6.2	7.2	8.2	9.6	11.3	6.9		

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
N.W.F.P.								
OWNED	442,323	630,085	368,411	207,769	81,471	94,753	1,824,812	79.30
RENTED	74,237	84,912	34,541	15,815	4,595	3,349	217,449	9.45
RENT FREE	105,294	86,913	41,054	15,818	5,071	4,693	258,843	11.25
TOTAL	621,854	801,910	444,006	239,402	91,137	102,795	2,301,104	100.00
PERCENT	27.02	34.85	19.30	10.40	3.96	4.47	100.00	
N.W.F.P. - RURAL								
OWNED	402,098	556,481	314,008	170,104	65,300	74,255	1,582,246	83.72
RENTED	38,612	36,040	12,229	3,947	1,299	920	93,047	4.92
RENT FREE	89,653	71,602	32,812	12,596	4,488	3,460	214,611	11.36
TOTAL	530,363	664,123	359,049	186,647	71,087	78,635	1,889,904	100.00
PERCENT	28.06	35.14	19.00	9.88	3.76	4.16	100.00	
N.W.F.P. - URBAN								
OWNED	40,225	73,604	54,403	37,665	16,171	20,498	242,566	58.99
RENTED	35,625	48,872	22,312	11,868	3,296	2,429	124,402	30.25
RENT FREE	15,641	15,311	8,242	3,222	583	1,233	44,232	10.76
TOTAL	91,491	137,787	84,957	52,755	20,050	24,160	411,200	100.00
PERCENT	22.25	33.51	20.66	12.83	4.88	5.88	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
N.W.F.P.								
UNDER CONSTRUCTION	1,766	2,252	1,540	682	278	313	6,831	.37
LESS THAN 5	38,333	67,183	39,406	21,150	6,806	7,210	160,088	9.87
5 - 10	77,273	113,452	71,962	35,478	15,570	15,639	329,374	18.05
MORE THAN 10	324,951	447,198	255,503	150,459	58,817	71,591	1,308,519	71.71
TOTAL	442,323	630,085	368,411	207,769	81,471	94,753	1,824,812	100.00
PERCENT	24.24	34.53	20.19	11.39	4.46	5.19	100.00	
N.W.F.P. - RURAL								
UNDER CONSTRUCTION	1,621	2,001	1,352	432	216	271	5,893	.37
LESS THAN 5	34,148	55,988	32,242	16,511	5,142	5,418	149,449	9.45
5 - 10	72,610	101,990	62,497	30,255	12,732	12,574	292,658	18.50
MORE THAN 10	293,719	396,502	217,917	122,906	47,210	55,992	1,134,246	71.69
TOTAL	402,098	556,481	314,008	170,104	65,300	74,255	1,582,246	100.00
PERCENT	25.41	35.17	19.85	10.75	4.13	4.69	100.00	
N.W.F.P. - URBAN								
UNDER CONSTRUCTION	145	251	188	250	62	42	938	.39
LESS THAN 5	4,185	11,195	7,164	4,639	1,664	1,792	30,639	12.63
5 - 10	4,663	11,462	9,465	5,223	2,838	3,065	36,716	15.14
MORE THAN 10	31,232	50,696	37,586	27,553	11,607	15,599	174,273	71.85
TOTAL	40,225	73,604	54,403	37,665	16,171	20,498	242,566	100.00
PERCENT	16.58	30.34	22.43	15.53	6.67	8.45	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	6
N.W.F.P.					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	1,053,971	147,001	101,235	1,302,207	56.59
- UNBAKED BRICKS / EARTH BOUND	668,562	63,609	147,755	879,926	38.24
- WOOD / BAMBOO	53,778	4,897	3,724	62,399	2.71
- OTHERS	48,501	1,942	6,129	56,572	2.46
ROOFS					
- RCC / RBC	279,236	61,761	25,421	366,418	15.92
- CEMENT / IRON SHEETS	199,501	34,715	18,915	253,131	11.00
- WOOD / BAMBOO	1,225,788	114,875	197,996	1,538,659	66.87
- OTHERS	120,287	6,098	16,511	142,896	6.21
TOTAL	1,824,812	217,449	258,843	2,301,104	100.00
PERCENT	79.30	9.45	11.25	100.00	
N.W.F.P. - RURAL					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	873,688	55,123	70,160	998,971	52.86
- UNBAKED BRICKS / EARTH BOUND	609,386	35,155	135,897	780,438	41.30
- WOOD / BAMBOO	51,321	973	3,085	55,379	2.93
- OTHERS	47,851	1,796	5,469	55,116	2.92
ROOFS					
- RCC / RBC	190,594	13,773	9,453	213,820	11.31
- CEMENT / IRON SHEETS	165,002	9,471	9,885	184,358	9.75
- WOOD / BAMBOO	1,116,959	66,707	180,299	1,363,965	72.17
- OTHERS	109,691	3,096	14,974	127,761	6.76
TOTAL	1,582,246	93,047	214,611	1,889,904	100.00
PERCENT	83.72	4.92	11.36	100.00	
N.W.F.P. - URBAN					
OUTER WALLS					
- BAKED BRICKS / BLOCKS / STONES	180,283	91,878	31,075	303,236	73.74
- UNBAKED BRICKS / EARTH BOUND	59,176	28,454	11,858	99,488	24.19
- WOOD / BAMBOO	2,457	3,924	639	7,020	1.71
- OTHERS	650	146	660	1,456	.35
ROOFS					
- RCC / RBC	88,642	47,988	15,968	152,598	37.11
- CEMENT / IRON SHEETS	34,499	25,244	9,030	68,773	16.72
- WOOD / BAMBOO	108,829	48,168	17,697	174,694	42.48
- OTHERS	10,596	3,002	1,537	15,135	3.68
TOTAL	242,566	124,402	44,232	411,200	100.00
PERCENT	58.99	30.25	10.76	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 CONSTRUCRION	LESS THAN 5	5 - 10	MORE THAN 10	TOTAL	PERCENT
	1	2	3	4	5	6
N.W.F.P.						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	5,588	119,595	216,711	712,077	1,053,971	57.76
- UNBAKED BRICKS / EARTH BOUND	1,027	48,011	92,003	527,521	668,562	36.64
- WOOD / BAMBOO	-	10,365	12,450	30,963	53,778	2.95
- OTHERS	216	2,117	8,210	37,958	48,501	2.66
ROOFS						
- RCC / RBC	2,260	48,452	78,990	149,534	279,236	15.30
- CEMENT / IRON SHEETS	1,324	24,480	50,016	123,681	199,501	10.93
- WOOD / BAMBOO	2,752	99,993	177,829	945,214	1,225,788	67.17
- OTHERS	495	7,163	22,539	90,090	120,287	6.59
TOTAL	6,831	180,088	329,374	1,308,519	1,824,812	100.00
PERCENT	.37	9.87	18.05	71.71	100.00	
N.W.F.P. - RURAL						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	4,755	93,492	186,043	589,398	873,688	55.22
- UNBAKED BRICKS / EARTH BOUND	922	43,579	86,184	478,701	609,386	38.51
- WOOD / BAMBOO	-	10,324	12,326	28,671	51,321	3.24
- OTHERS	216	2,054	8,105	37,476	47,851	3.02
ROOFS						
- RCC / RBC	1,782	33,439	61,948	93,425	190,594	12.05
- CEMENT / IRON SHEETS	1,136	19,780	43,986	100,100	165,002	10.43
- WOOD / BAMBOO	2,543	90,431	166,222	857,763	1,116,959	70.59
- OTHERS	432	5,799	20,502	82,958	109,691	6.93
TOTAL	5,893	149,449	292,658	1,134,246	1,582,246	100.00
PERCENT	.37	9.45	18.50	71.69	100.00	
N.W.F.P. - URBAN						
OUTER WALLS						
- BAKED BRICKS / BLOCKS / STONES	833	26,103	30,668	122,679	180,283	74.32
- UNBAKED BRICKS / EARTH BOUND	105	4,432	5,819	48,820	59,176	24.40
- WOOD / BAMBOO	-	41	124	2,292	2,457	1.01
- OTHERS	-	63	105	482	650	.27
ROOFS						
- RCC / RBC	478	15,013	17,042	56,109	88,642	36.54
- CEMENT / IRON SHEETS	188	4,700	6,030	23,581	34,499	14.22
- WOOD / BAMBOO	209	9,562	11,607	87,451	108,829	44.87
- OTHERS	63	1,364	2,037	7,132	10,596	4.37
TOTAL	938	30,639	36,716	174,273	242,566	100.00
PERCENT	.39	12.63	15.14	71.85	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
N.W.F.P.					
SOURCE OF DRINKING WATER					
INSIDE	1,019,611	147,507	140,132	1,307,250	56.81
PIPE (NUL)	494,075	104,276	56,699	655,050	28.47
HAND PUMP	190,632	10,640	16,557	217,829	9.47
WELL	334,904	32,591	66,876	434,371	18.88
OUTSIDE	805,201	69,942	118,711	993,854	43.19
PIPE (NUL)	202,350	33,255	28,137	263,742	11.46
HAND PUMP	21,354	1,844	8,412	31,610	1.37
WELL	147,574	13,420	31,881	192,875	8.38
POND	74,674	3,538	7,411	85,623	3.72
OTHERS	359,249	17,885	42,870	420,004	18.25
SOURCE OF LIGHTING					
ELECTRICITY	1,314,564	180,942	185,703	1,681,209	73.06
KEROSENE OIL	452,127	30,059	69,816	552,002	23.99
OTHERS	58,121	6,448	3,324	67,893	2.95
COOKING FUEL USED					
WOOD	1,579,170	133,247	216,852	1,929,269	83.84
KEROSENE OIL	24,021	15,768	7,242	47,031	2.04
GAS	160,447	61,740	25,352	247,539	10.76
OTHERS	61,174	6,694	9,397	77,265	3.36
TOTAL	1,824,812	217,449	258,843	2,301,104	100.00
PERCENT	79.30	9.45	11.25	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
N.W.F.P. - RURAL					
SOURCE OF DRINKING WATER					
INSIDE	808,153	51,866	103,358	963,377	50.97
PIPE (NUL)	365,665	22,168	26,380	414,213	21.92
HAND PUMP	161,755	6,150	14,112	182,017	9.63
WELL	280,733	23,548	62,866	367,147	19.43
OUTSIDE	774,093	41,181	111,253	926,527	49.03
PIPE (NUL)	188,815	11,779	23,720	224,314	11.87
HAND PUMP	19,431	869	8,266	28,566	1.51
WELL	137,885	11,077	30,323	179,285	9.49
POND	72,532	3,349	7,285	83,166	4.40
OTHERS	355,430	14,107	41,659	411,196	21.76
SOURCE OF LIGHTING					
ELECTRICITY	1,079,460	62,769	144,249	1,286,478	68.07
KEROSENE OIL	446,107	25,399	67,498	539,004	28.52
OTHERS	56,679	4,879	2,864	64,422	3.41
COOKING FUEL USED					
WOOD	1,463,449	85,211	202,277	1,750,937	92.65
KEROSENE OIL	16,284	1,837	2,817	20,938	1.11
GAS	49,038	4,322	3,027	56,387	2.98
OTHERS	53,475	1,677	6,490	61,642	3.26
TOTAL	1,582,246	93,047	214,611	1,889,904	100.00
PERCENT	83.72	4.92	11.36	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
N.W.F.P. - URBAN					
SOURCE OF DRINKING WATER					
INSIDE	211,458	95,641	36,774	343,873	83.63
PIPE (NUL)	128,410	82,108	30,319	240,837	58.57
HAND PUMP	28,877	4,490	2,445	35,812	8.71
WELL	54,171	9,043	4,010	67,224	16.35
OUTSIDE	31,108	28,761	7,458	67,327	16.37
PIPE (NUL)	13,535	21,476	4,417	39,428	9.59
HAND PUMP	1,923	975	146	3,044	.74
WELL	9,689	2,343	1,558	13,590	3.30
POND	2,142	189	126	2,457	.60
OTHERS	3,819	3,778	1,211	8,808	2.14
SOURCE OF LIGHTING					
ELECTRICITY	235,104	118,173	41,454	394,731	95.99
KEROSENE OIL	6,020	4,660	2,318	12,998	3.16
OTHERS	1,442	1,569	460	3,471	.84
COOKING FUEL USED					
WOOD	115,721	48,036	14,575	178,332	43.37
KEROSENE OIL	7,737	13,931	4,425	26,093	6.35
GAS	111,409	57,418	22,325	191,152	46.49
OTHERS	7,699	5,017	2,907	15,623	3.80
TOTAL	242,566	124,402	44,232	411,200	100.00
PERCENT	58.99	30.25	10.76	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
N.W.F.P.						
SOURCE OF DRINKING WATER						
INSIDE	3,618	107,684	192,701	715,608	1,019,611	55.87
PIPE (NUL)	2,113	44,392	89,470	358,100	494,075	27.08
HAND PUMP	404	23,424	37,888	128,916	190,632	10.45
WELL	1,101	39,868	65,343	228,592	334,904	18.35
OUTSIDE	3,213	72,404	136,673	592,911	805,201	44.13
PIPE (NUL)	980	16,658	31,624	153,088	202,350	11.09
HAND PUMP	108	2,503	4,436	14,307	21,354	1.17
WELL	1,014	12,661	20,923	112,976	147,574	8.09
POND	130	7,341	12,891	54,312	74,674	4.09
OTHERS	981	33,241	66,799	258,228	359,249	19.69
SOURCE OF LIGHTING						
ELECTRICITY	4,348	125,205	229,981	955,030	1,314,564	72.04
KEROSENE OIL	2,225	45,220	84,558	320,124	452,127	24.78
OTHERS	258	9,663	14,835	33,365	58,121	3.19
COOKING FUEL USED						
WOOD	5,892	152,639	292,784	1,127,855	1,579,170	86.54
KEROSENE OIL	223	3,602	3,099	17,097	24,021	1.32
GAS	599	18,369	25,081	116,398	160,447	8.79
OTHERS	117	5,478	8,410	47,169	61,174	3.35
TOTAL	6,831	180,088	329,374	1,308,519	1,824,812	100.00
PERCENT	.37	9.87	18.05	71.71	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
N.W.F.P. - RURAL						
SOURCE OF DRINKING WATER						
INSIDE	2,868	81,641	160,165	563,479	808,153	51.08
PIPE (NUL)	1,572	29,318	71,606	263,169	365,665	23.11
HAND PUMP	216	19,698	33,344	108,497	161,755	10.22
WELL	1,080	32,625	55,215	191,813	280,733	17.74
OUTSIDE	3,025	67,808	132,493	570,767	774,093	48.92
PIPE (NUL)	918	14,861	30,207	142,829	188,815	11.93
HAND PUMP	108	2,274	4,020	13,029	19,431	1.23
WELL	972	11,139	19,478	106,296	137,885	8.71
POND	109	7,110	12,429	52,884	72,532	4.58
OTHERS	918	32,424	66,359	255,729	355,430	22.46
SOURCE OF LIGHTING						
ELECTRICITY	3,515	97,102	194,722	784,121	1,079,460	68.22
KEROSENE OIL	2,162	43,269	83,290	317,386	446,107	28.19
OTHERS	216	9,078	14,646	32,739	56,679	3.58
COOKING FUEL USED						
WOOD	5,515	136,854	273,933	1,047,147	1,463,449	92.49
KEROSENE OIL	162	2,433	2,437	11,252	16,284	1.03
GAS	162	5,778	8,965	34,133	49,038	3.10
OTHERS	54	4,384	7,323	41,714	53,475	3.38
TOTAL	5,893	149,449	292,658	1,134,246	1,582,246	100.00
PERCENT	.37	9.45	18.50	71.69	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 CONSTRUCTION	LESS THAN 5	5 - 10	MORE THAN 10	TOTAL	PERCENT
	1	2	3	4	5	6
N.W.F.P. - URBAN						
SOURCE OF DRINKING WATER						
INSIDE	750	26,043	32,536	152,129	211,458	87.18
PIPE (NUL)	541	15,074	17,864	94,931	128,410	52.94
HAND PUMP	188	3,726	4,544	20,419	28,877	11.90
WELL	21	7,243	10,128	36,779	54,171	22.33
OUTSIDE	188	4,596	4,180	22,144	31,108	12.82
PIPE (NUL)	62	1,797	1,417	10,259	13,535	5.58
HAND PUMP	-	229	416	1,278	1,923	.79
WELL	42	1,522	1,445	6,680	9,689	3.99
POND	21	231	462	1,428	2,142	.88
OTHERS	63	817	440	2,499	3,819	1.57
SOURCE OF LIGHTING						
ELECTRICITY	833	28,103	35,259	170,909	235,104	96.92
KEROSENE OIL	63	1,951	1,268	2,738	6,020	2.48
OTHERS	42	585	189	626	1,442	.59
COOKING FUEL USED						
WOOD	377	15,785	18,851	80,708	115,721	47.71
KEROSENE OIL	61	1,169	662	5,845	7,737	3.19
GAS	437	12,591	16,116	82,265	111,409	45.93
OTHERS	63	1,094	1,087	5,455	7,699	3.17
TOTAL	938	30,639	36,716	174,273	242,566	100.00
PERCENT	.39	12.63	15.14	71.85	100.00	

TABLE 6 - 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
N.W.F.P.					
KITCHEN					
SEPARATE	524,519	67,820	56,902	649,241	28.21
SHARED	453,216	51,788	74,969	579,973	25.20
NONE	847,077	97,841	126,972	1,071,890	46.58
BATH ROOM					
SEPARATE	562,534	73,746	56,330	692,610	30.10
SHARED	502,516	69,143	84,692	656,351	28.52
NONE	759,762	74,560	117,821	952,143	41.38
LATRINE					
SEPARATE	389,326	74,556	43,825	507,707	22.06
SHARED	353,602	63,023	59,541	476,166	20.69
NONE	1,081,884	79,870	155,477	1,317,231	57.24
TOTAL	1,824,812	217,449	258,843	2,301,104	100.00
PERCENT	79.30	9.45	11.25	100.00	
N.W.F.P. - RURAL					
KITCHEN					
SEPARATE	427,640	20,833	36,699	485,172	25.67
SHARED	382,735	20,367	64,039	467,141	24.72
NONE	771,871	51,847	113,873	937,591	49.61
BATH ROOM					
SEPARATE	460,343	20,887	35,569	516,799	27.35
SHARED	404,627	23,783	71,608	500,018	26.46
NONE	717,276	48,377	107,434	873,087	46.20
LATRINE					
SEPARATE	288,151	17,787	22,818	328,756	17.40
SHARED	257,022	16,487	46,207	319,716	16.92
NONE	1,037,073	58,773	145,586	1,241,432	65.69
TOTAL	1,582,246	93,047	214,611	1,889,904	100.00
PERCENT	83.72	4.92	11.36	100.00	
N.W.F.P. - URBAN					
KITCHEN					
SEPARATE	96,879	46,987	20,203	164,069	39.90
SHARED	70,481	31,421	10,930	112,832	27.44
NONE	75,206	45,994	13,099	134,299	32.66
BATH ROOM					
SEPARATE	102,191	52,859	20,761	175,811	42.76
SHARED	97,889	45,360	13,084	156,333	38.02
NONE	42,486	26,183	10,387	79,056	19.23
LATRINE					
SEPARATE	101,175	56,769	21,007	178,951	43.52
SHARED	96,580	46,536	13,334	156,450	38.05
NONE	44,811	21,097	9,891	75,799	18.43
TOTAL	242,566	124,402	44,232	411,200	100.00
PERCENT	58.99	30.25	10.76	100.00	