

**Distribution of Houses by Predominant Materials of Roof and Wall
and Level of Damage Risk**

Table No. : JK 09

State : JAMMU & KASHMIR

BANDIPORE

Wall / Roof		Census Houses		Level of Risk under									Flood Prone Area in %
		No. of Houses	%	EQ Zone				Wind Velocity m/s					
				V	IV	III	II	55 & 50	47	44 & 39	33		
				Area in %				Area in %					
				53.2	46.8					100			
WALL													
A1 - Mud & Unburnt Brick Wall	Rural	21,508	22.9										
	Urban	3,239	3.5										
	Total	24,747	26.4	VH	H						M		
A2 - Stone Wall not packed with mortar	Rural	3,520	3.8										
	Urban	560	0.6										
	Total	4,080	4.4	VH	H						L		
Total - Category - A		28,827	30.7										
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	37,898	40.4										
	Urban	10,904	11.6										
	Total	48,802	52.0	H	M						L		
Total - Category - B		48,802	52.0										
C1 - Concrete Wall	Rural	939	1.0										
	Urban	308	0.3										
	Total	1,247	1.3	M	L						VL		
C2 - Wood wall	Rural	8,898	9.5										
	Urban	357	0.4										
	Total	9,255	9.9	M	L						M		
Total - Category - C		10,502	11.2										
X - Other Materials	Rural	4,512	4.8										
	Urban	1,200	1.3										
	Total	5,712	6.1	M	VL						M		
Total - Category - X		5,712	6.1										
TOTAL HOUSES*		93,843											

ROOF													
R1 - Light Weight Sloping Roof	Rural	74,246	79.1										
	Urban	14,860	15.8										
	Total	89,106	94.9	M	M						H		
R2 - Heavy Weight Sloping Roof	Rural	1,207	1.3										
	Urban	568	0.6										
	Total	1,775	1.9	H	M						L		
R3 - Flat Roof	Rural	1,822	1.9										
	Urban	1,140	1.2										
	Total	2,962	3.1	Damage Risk as per that for the Wall supporting it									
TOTAL HOUSES*		93,843											

Probable Maximum Precipitation at a Station of the district in 24 hrs is 300 mm

Housing Category : Wall Types

Category - A : Buildings in field-stone, rural structures, unburnt brick houses, clay houses

Category - B : Ordinary brick building; buildings of the large block & prefabricated type, half-timbered structures, building in natural hewn stone

Category - C : Reinforced building, well built wooden structures

Category - X : Other materials not covered in A,B,C. These are generally light.

Notes : 1. Flood prone area includes that protected area which may have more severe damage under failure of protection works. In some other areas the local damage may be severe under heavy rains and choked drainage.

2. Damage Risk for wall types is indicated assuming heavy flat roof in categories A, B and C (Reinforced Concrete) building

3. Source of Housing Data : Census of Housing, GOI, 2011

Housing Category : Roof Type

Category - R1 - Light Weight (Grass, Thatch, Bamboo, Wood, Mud, Plastic, Polythene, GI Metal, Asbestos Sheets, Other Materials)

Category - R2 - Heavy Weight (Tiles, Stone/Slate)

Category - R3 - Flat Roof (Brick, Concrete)

EQ Zone V : Very High Damage Risk Zone (MSK > IX)

EQ Zone IV : High Damage Risk Zone (MSK VIII)

EQ Zone III : Moderate Damage Risk Zone (MSK VII)

EQ Zone II : Low Damage Risk Zone (MSK < VI)

Level of Risk : VH = Very High; H = High;

M = Moderate, L = Low; VL = Very Low

* Total No.of Houses excluding Vacant/Locked Houses