

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

Table No. : JK 06

State : JAMMU & KASHMIR

RAJOURI

Wall / Roof		Census Houses		Level of Risk under									
		No. of Houses	%	EQ Zone				Wind Velocity m/s				Flood Prone Area in %	
				V	IV	III	II	55 & 50	47	44 & 39	33		
				Area in %				Area in %					
					100						100		
WALL													
A1 - Mud & Unburnt Brick Wall	Rural	3,814	2.0										
	Urban	157	0.1										
	Total	3,971	2.1		H					M			
A2 - Stone Wall not packed with mortar	Rural	92,232	48.1										
	Urban	388	0.2										
	Total	92,620	48.3		H					L			
Total - Category - A		96,591	50.4										
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	78,113	40.7										
	Urban	12,137	6.3										
	Total	90,250	47.0		M					L			
Total - Category - B		90,250	47.1										
C1 - Concrete Wall	Rural	2,720	1.4										
	Urban	301	0.2										
	Total	3,021	1.6		L					VL			
C2 - Wood wall	Rural	647	0.3										
	Urban	20	-										
	Total	667	0.3		L					M			
Total - Category - C		3,688	1.9										
X - Other Materials	Rural	1,120	0.6										
	Urban	130	0.1										
	Total	1,250	0.7		VL					M			
Total - Category - X		1,250	0.7										
TOTAL HOUSES*		191,779											

ROOF												
R1 - Light Weight Sloping Roof	Rural	131,965	68.8									
	Urban	994	0.5									
	Total	132,959	69.3		M					H		
R2 - Heavy Weight Sloping Roof	Rural	1,337	0.7									
	Urban	79	-									
	Total	1,416	0.7		M					L		
R3 - Flat Roof	Rural	45,344	23.6									
	Urban	12,060	6.3									
	Total	57,404	29.9	Damage Risk as per that for the Wall supporting it								
TOTAL HOUSES*		191,779										

Probable Maximum Precipitation at a Station of the district in 24 hrs is 520 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