

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

Table No. : JK 10

State : JAMMU & KASHMIR

SRINAGAR

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 %				
				100						100		
WALL												
A1 - Mud & Unburnt Brick Wall	Rural	656	0.3									
	Urban	14,763	6.2									
	Total	15,419	6.5	VH						M		
A2 - Stone Wall not packed with mortar	Rural	336	0.1									
	Urban	3,574	1.5									
	Total	3,910	1.6	VH						L		
Total - Category - A		19,329	8.1									
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	3,010	1.3									
	Urban	189,242	79.2									
	Total	192,252	80.5	H						L		
Total - Category - B		192,252	80.5									
C1 - Concrete Wall	Rural	21	-									
	Urban	14,145	5.9									
	Total	14,166	5.9	M						VL		
C2 - Wood wall	Rural	188	0.1									
	Urban	5,455	2.3									
	Total	5,643	2.4	M						M		
Total - Category - C		19,809	8.3									
X - Other Materials	Rural	166	0.1									
	Urban	7,291	3.1									
	Total	7,457	3.2	M						M		
Total - Category - X		7,457	3.1									
TOTAL HOUSES*		238,847										

ROOF												
R1 - Light Weight Sloping Roof	Rural	4,127	1.7									
	Urban	209,990	87.9									
	Total	214,117	89.6	M						H		
R2 - Heavy Weight Sloping Roof	Rural	46	-									
	Urban	6,780	2.8									
	Total	6,826	2.8	H						L		
R3 - Flat Roof	Rural	204	0.1									
	Urban	17,700	7.4									
	Total	17,904	7.5	Damage Risk as per that for the Wall supporting it								
TOTAL HOUSES*		238,847										

Probable Maximum Precipitation at a Station of the district in 24 hrs is 400 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