

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

Table No. : JK 22

State : JAMMU & KASHMIR

SAMBA

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	7,981	7.8										
	Urban	366	0.4										
	Total	8,347	8.2				<i>H</i>					<i>M</i>	
A2 - Stone Wall not packed with mortar	Rural	816	0.8										
	Urban	73	0.1										
	Total	889	0.9				<i>H</i>					<i>L</i>	
Total - Category - A		9,236	9.0										
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	74,066	72.1										
	Urban	16,338	15.9										
	Total	90,404	88.0				<i>M</i>					<i>L</i>	
Total - Category - B		90,404	88.0										
C1 - Concrete Wall	Rural	706	0.7										
	Urban	38	-										
	Total	744	0.7				<i>L</i>					<i>VL</i>	
C2 - Wood wall	Rural	85	0.1										
	Urban	15	-										
	Total	100	0.1				<i>L</i>					<i>M</i>	
Total - Category - C		844	0.8										
X - Other Materials	Rural	2,105	2.0										
	Urban	177	0.2										
	Total	2,282	2.2				<i>VL</i>					<i>M</i>	
Total - Category - X		2,282	2.2										
TOTAL HOUSES*		102,766											

ROOF													
R1 - Light Weight Sloping Roof	Rural	25,437	24.8										
	Urban	2,296	2.2										
	Total	27,733	27.0				<i>M</i>					<i>H</i>	
R2 - Heavy Weight Sloping Roof	Rural	2,854	2.8										
	Urban	410	0.4										
	Total	3,264	3.2				<i>M</i>					<i>L</i>	
R3 - Flat Roof	Rural	57,468	55.9										
	Urban	14,301	13.9										
	Total	71,769	69.8	<i>Damage Risk as per that for the Wall supporting it</i>									
TOTAL HOUSES*		102,766											

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