

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

Table No. : UP 63

State : UTTAR PRADESH

JAUNPUR

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			58.2
WALL												
A1 - Mud & Unburnt Brick Wall	Rural	254,959	26.6									
	Urban	4,402	0.5									
	Total	259,361	27.1			M			H			VH
A2 - Stone Wall not packed with mortar	Rural	8,601	0.9									
	Urban	955	0.1									
	Total	9,556	1.0			M			M			VH
Total - Category - A		268,917	28.1									
B - Burnt Bricks Wall & Stone wall packed with mortar	Rural	539,441	56.3									
	Urban	60,639	6.3									
	Total	600,080	62.6			L			M			H/M
Total - Category - B		600,080	62.7									
C1 - Concrete Wall	Rural	3,942	0.4									
	Urban	862	0.1									
	Total	4,804	0.5			VL			VL			L/VL
C2 - Wood wall	Rural	1,533	0.2									
	Urban	412	-									
	Total	1,945	0.2			VL			H			H
Total - Category - C		6,749	0.7									
X - Other Materials	Rural	77,635	8.1									
	Urban	3,938	0.4									
	Total	81,573	8.5			VL			H			VH
Total - Category - X		81,573	8.5									
TOTAL HOUSES*		957,319										

ROOF												
R1 - Light Weight Sloping Roof	Rural	249,755	26.1									
	Urban	8,174	0.9									
	Total	257,929	27.0			L			VH			VH
R2 - Heavy Weight Sloping Roof	Rural	493,896	51.6									
	Urban	47,891	5.0									
	Total	541,787	56.6			L			M			H
R3 - Flat Roof	Rural	142,460	14.9									
	Urban	15,143	1.6									
	Total	157,603	16.5	Damage Risk as per that for the Wall supporting it								
TOTAL HOUSES*		957,319										

Probable Maximum Precipitation at a Station of the district in one day for arial extent of 1000 sqm. **430 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