

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

Table No. : JD 22

State : JHARKHAND

SIMDEGA

ROOF									
R1 - Light Weight Sloping Roof	Rural	6,889	4.7						
	Urban	1,446	1.0						
	Total	8,335	5.7			VL			<i>H</i>
R2 - Heavy Weight Sloping Roof	Rural	125,023	84.7						
	Urban	5,460	3.7						
	Total	130,483	88.4			VL			<i>L</i>
R3 - Flat Roof	Rural	5,743	3.9						
	Urban	3,032	2.1						
	Total	8,775	6.0	<i>Damage Risk as per that for the Wall supporting it</i>					
TOTAL HOUSES*		147,593							

Probable Maximum Precipitation at a Station of the district in one day for arial extent of 1000 sqm. 652 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 chocked 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 Material

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

Category - R3 - Flat Roof (Brick, Concrete)

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

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

EQ Zone III : Moderate Damage Risk Zone (MSK)

: Low Damage Risk Zone (MSK < VI)

: VH = *Very High*; H = *High*;

* Total No of Houses excluding Vacant/Locked Houses