

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

Table No. : HP 09

State : HIMACHAL PRADESH

SOLAN

ROOF									
R1 - Light Weight Sloping Roof	Rural	59,538	28.4						
	Urban	5,709	2.7						
	Total	65,247	31.1	<i>M</i>	<i>M</i>		<i>VH</i>		<i>H</i>
R2 - Heavy Weight Sloping Roof	Rural	10,060	4.8						
	Urban	416	0.2						
	Total	10,476	5.0	<i>H</i>	<i>M</i>		<i>H</i>		<i>L</i>
R3 - Flat Roof	Rural	100,137	47.8						
	Urban	33,431	16.0						
	Total	133,568	63.8	<i>Damage Risk as per that for the Wall supporting it</i>					
TOTAL HOUSES*		209,291							

Housing Categories: Wall Types

Category - A : Buildings in field-stone, rural structures,

Category - B : Ordinary brick building, buildings of the large block & prefabricated type, half timbered structures, building in natural burnt 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 areas include those protected areas which may have more severe flooding.

damage under failure of protection works. In some other areas the local damage may be severe under heavy rains and shocked damage.

2. Damage Risk for wall types is indicated assuming heavy flat roof in categories A, B and C (Reinforced Concrete) buildings

3. Sources of Housing Data : Census of Housing, GOI, 2011

Housing Categories: 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 (

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

EO Zone III : Moderate Damage Risk Zone (MSK 1-3)

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