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

Table No. : JK 14   **State : JAMMU & KASHMIR**   **ANANTNAG**

Wall / Roof		No. of Houses	%	V	IV	III	II	55 & 50	47	44 & 39	33	Flood Prone Area in %
		Census Houses		EQ Zone				Wind Velocity m/s				Flood Prone Area in %
				Area in %				Area in %				Area in %
				5.2	94.8					100		
WALL												
A1 - Mud &	Rural	60,249	23.6									
Unburnt Brick Wall	Urban	12,896	5.0									
	Total	**73,145**	**28.6**	VH	H					M		
A2 - Stone Wall	Rural	5,249	2.1									
not packed with mortar	Urban	524	0.2									
	Total	**5,773**	**2.3**	VH	H					L		
Total - Category - A		**78,918**	**30.9**									
B - Burnt Bricks Wall	Rural	95,710	37.5									
& Stone wall packed	Urban	38,450	15.0									
with mortar	*Total*	**134,160**	**52.5**	H	M					L		
Total - Category - B		**134,160**	**52.5**									
C1 - Concrete Wall	Rural	2,160	0.8									
	Urban	3,815	1.5									
	Total	**5,975**	**2.3**	M	L					VL		
C2 - Wood wall	Rural	25,987	10.2									
	Urban	4,330	1.7									
	Total	**30,317**	**11.9**	M	L					M		
Total - Category - C		**36,292**	**14.2**									
X - Other Materials	Rural	4,728	1.9									
	Urban	1,447	0.6									
	Total	**6,175**	**2.5**	M	VL					M		
Total - Category - X		**6,175**	**2.4**									
TOTAL HOUSES*		**255,545**										
ROOF												
R1 - Light Weight	Rural	178,035	69.7									
Sloping Roof	Urban	49,753	19.5									
	Total	**227,788**	**89.2**	M	M					H		
R2 - Heavy Weight	Rural	6,512	2.5									
Sloping Roof	Urban	3,231	1.3									
	Total	**9,743**	**3.8**	H	M					L		
R3 - Flat Roof	Rural	9,536	3.7									
	Urban	8,478	3.3									
	Total	**18,014**	**7.0**	*Damage Risk as per that for the Wall supporting it*								
TOTAL HOUSES*		**255,545**										

Probable Maximum Precipitation at a Station of the district in 24 hrs is   520 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 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