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

MIZORAM

Wall / Roof		Census Houses		Level of Risk under								
		No. of Houses	%	EQ Zone				Wind Velocity m/s				Flood Prone Area in %
				V	IV	III	II	55 & 50	47	44 & 39	33	
				Area in %				Area in %				in %
STATE - MIZORAM				100				100				
WALL												
A1 - Mud &	Rural	286	0.1									
Unburnt Brick Wall	Urban	375	0.1									
	Total	**661**	**0.2**	*VH*				*VH*				
A2 - Stone Wall	Rural	139	0.1									
not packed with mortar	Urban	388	0.2									
	Total	**527**	**0.3**	*VH*				*H*				
Total - Category - A		**1,188**	**0.5**									
B - Burnt Bricks Wall	Rural	3,324	1.3									
& Stone wall packed	Urban	20,293	7.9									
with mortar	*Total*	**23,617**	**9.2**	*H*				*H*				
Total - Category - B		**23,617**	**9.2**									
C1 - Concrete Wall	Rural	2,934	1.1									
	Urban	28,047	10.9									
	Total	**30,981**	**12.0**	*M*				*L*				
C2 - Wood wall	Rural	5,623	2.2									
	Urban	2,292	0.9									
	Total	**7,915**	**3.1**	*M*				*VH*				
Total - Category - C		**38,896**	**15.1**									
X - Other Materials	Rural	106,661	41.5									
	Urban	86,671	33.7									
	Total	**193,332**	**75.2**	*M*				*VH*				
Total - Category - X		**193,332**	**75.2**									
TOTAL HOUSES*		**257,033**										
ROOF												
R1 - Light Weight	Rural	115,781	45.0									
Sloping Roof	Urban	97,367	37.9									
	Total	**213,148**	**82.9**	*M*				*VH*				
R2 - Heavy Weight	Rural	1,010	0.4									
Sloping Roof	Urban	2,016	0.8									
	Total	**3,026**	**1.2**	*H*				*H*				
R3 - Flat Roof	Rural	2,176	0.8									
	Urban	38,683	15.0									
	Total	**40,859**	**15.8**	*Damage Risk as per that for the Wall supporting it*								
TOTAL HOUSES*		**257,033**										

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