

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

### LAKSHADWEEP

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			
<b>STATE - LAKSHADWEEP</b>														
<b>WALL</b>														
<b>A1 - Mud &amp; Unburnt Brick Wall</b>	Rural	26	0.1											
	Urban	14	0.1											
	<b>Total</b>	<b>40</b>	<b>0.2</b>				<i>M</i>				<i>H</i>			
<b>A2 - Stone Wall not packed with mortar</b>	Rural	564	3.2											
	Urban	985	5.6											
	<b>Total</b>	<b>1,549</b>	<b>8.8</b>				<i>M</i>				<i>M</i>			
<b>Total - Category - A</b>		<b>1,589</b>	<b>9.0</b>											
<b>B - Burnt Bricks Wall &amp; Stone wall packed with mortar</b>	Rural	3,122	17.7											
	Urban	10,696	60.7											
	<b>Total</b>	<b>13,818</b>	<b>78.4</b>				<i>L</i>				<i>M</i>			
<b>Total - Category - B</b>		<b>13,818</b>	<b>78.4</b>											
<b>C1 - Concrete Wall</b>	Rural	47	0.3											
	Urban	99	0.6											
	<b>Total</b>	<b>146</b>	<b>0.9</b>				<i>VL</i>				<i>VL</i>			
<b>C2 - Wood wall</b>	Rural	10	0.1											
	Urban	208	1.2											
	<b>Total</b>	<b>218</b>	<b>1.3</b>				<i>VL</i>				<i>H</i>			
<b>Total - Category - C</b>		<b>364</b>	<b>2.1</b>											
<b>X - Other Materials</b>	Rural	720	4.1											
	Urban	1,126	6.4											
	<b>Total</b>	<b>1,846</b>	<b>10.5</b>				<i>VL</i>				<i>H</i>			
<b>Total - Category - X</b>		<b>1,846</b>	<b>10.5</b>											
<b>TOTAL HOUSES*</b>		<b>17,617</b>												

ROOF													
<b>R1 - Light Weight Sloping Roof</b>	Rural	1,306	7.4										
	Urban	2,878	16.3										
	<b>Total</b>	<b>4,184</b>	<b>23.7</b>				<i>L</i>				<i>VH</i>		
<b>R2 - Heavy Weight Sloping Roof</b>	Rural	1,840	10.4										
	Urban	4,746	26.9										
	<b>Total</b>	<b>6,586</b>	<b>37.3</b>				<i>L</i>				<i>M</i>		
<b>R3 - Flat Roof</b>	Rural	1,343	7.6										
	Urban	5,504	31.2										
	<b>Total</b>	<b>6,847</b>	<b>38.8</b>				Damage Risk as per that for the Wall supporting it						
<b>TOTAL HOUSES*</b>		<b>17,617</b>											

Probable Maximum Precipitation at a Station of the district in 24 hrs is N.A. 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  
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