

PAKISTAN: Summary of Building Types, Vulnerability to Collapse and Occupancy

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WHE Construction Type or Material <i>refer to Table 2 for suggested category(ies)</i>	Description of construction type (type of load-bearing structure) <i>(refer to Tables 2 and 3 for suggested categories and sources of data to help answer this question)</i>	Estimate of probability of collapse (%) of the building type when subjected to the specified shaking intensity (expressed as a range) <i>(refer to instructions page 5)</i>				Fraction of population who LIVES in this building type <i>(refer to instructions for help in estimating)</i>		Fraction of WORKING population who WORKS in this building type <i>(refer to instructions on page 5 for help in estimating)</i>		Peak average number of occupants per building <i>(refer to instructions on page 5 for help in estimating)</i>
		(3) MMI / EMS / MSK				urban areas (4)	rural areas (5)	urban areas (6)	rural areas (7)	
(1)	(2)	IX (~0.65-1.24g)	VIII (~0.34-0.65g)	VII (~0.18-0.34g)	VI (~0.092-.18g)					(8)
Masonry (subtype # 1)	Stone Masonry walls			100%	70%	1%	10%			7 to 12
Masonry (Subtype # 3)	Earthen walls			100%	80%	1%	28%			7 to 12
Masonry (Subtype # 7)	Clay brick masonry walls		100%	80%	30%	1%	10%			7 to 12
Masonry (Subtype # 9)	Clay brick masonry walls	100%	60%	20%	5%	25%	6%			5 to 8
Masonry (Subtype # 10)	Clay/Concrete	90%	40%	15%	5%	2%	0.5%			5 to 8
Masonry (Subtype # 11)	Concrete block masonry		100%	80%	20%	10%	2%			5 to 8
Masonry (Subtype # 12)	Concrete block masonry	100%	70%	20%	5%	1%	0%			5 to 8
(Subtype # 14 and 16)	RC frame structure with masonry infill walls Designed for gravity		100%	50%	10%	3%	0%			5 to 8
Wooden (subtype # 31)	Load bearing timber frame		100%	70%	20%	0%	1%			7 to 12

Refer to Part 3 (next 3 pages) for tables and links that may help you fill out this form.

If you do not know some of the answers please indicate so with a dash ---- or ?. Use 0 only when you know the number or percent IS 0.