

Mexico: 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> (3) MMI / EMS / MSK				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>
		IX (~0.65-1.24g)	VIII (~0.34-0.65g)	VII (~0.18-0.34g)	VI (~0.092-.18g)	urban areas (4)	rural areas (5)	urban areas (6)	rural areas (7)	
(1)	(2)									(8)
Masonry	Earthen/mud/adobe/rammed earthen walls #5	90	70	40	10	Very L	Mode	Very L	Mode	5
Masonry	Clay brick/block masonry walls #9	80	60	30	10	Low	Mode	Very L	Mode	5
Masonry	Clay/concrete (confined) #10	15	10	5	0	High	Mode	Mode	Mode	5
Masonry	Concrete block masonry #12	20	15	10	0	Mode	Mode	Mode	Mode	5
Structural concrete	Moment resisting frame #15	50	40	20	5	Low	Very L	Mode	Very L	50
Structural concrete	Moment resisting frame #16	40	20	10	0	Low	Very L	Mode	Very L	80
Structural concrete	Moment resisting frame #17	80	60	30	10	Low	Very L	Mode	Very L	80
Structural concrete	Moment resisting frame #19	20	15	10	0	Low	Very L	Mode	Very L	100
Steel	Moment resisting frame #23	50	30	10	0	Very L	Very L	Low	Very L	100
Steel	Braced frame #26	30	15	10	0	Very L	-Very L	Very L	Very L	100

Very L=Very Low
Mode=Moderate

Other sources consulted:

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