## WHE-PAGER PROJECT: BUILDING CONSTRUCTION VULNERABILITY AND INVENTORY

(North part)\*
Concrete block masonry

Moment resisting frame(14)

Moment resisting frame(15),(16),(17)

Structural 36 concrete

	WHE-FAGER PROJECT. BUILDING CONSTRUCTION VULNERABILIT	ANDIN	VEIVIC	'K I						
This form is div	ided into 3 parts:									
Part I:	Contributors' Information									
Part II:	Summary of Construction Types, Vulnerability and Population									
Part III:	Colleagues Consulted, Additional Sources of Information Used									
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	outors' Information	let e le		1.1						
	Region (if you are only responding for part of a country, please indicate	_		_						
Note: the WH	Estrongly prefers national estimates, unless you have data that clearly	apply to c	only on	e region):						
	China									
2. Name(s) of										
	SUN Baitao/Zhang Guixin/Chen Honfu									
3. Affiliation (C	Organization)									
	Institute of Engineering Mechanics, China Earthquake Administration									
4 Mailing add	dress (include city and country)									
4. Maiii ig aac	iness (include eny and eduliny)									
	2077 C B 1 11 " B ' 11 1' 450000 Cl'									
	29Xuefu Road, Heilongjiang Province, Harbin 150080, China									
5. E-mail										
	sunbt@iem.net.cn, sunbt@iem.ac.cn									
6. Your self-rat	ing of expertise or confidence: On a scale of 1=low and 5=high, pleas	e estimate	your l	evel of ex	pertise:			5		
									_	
Part II: Summo	ry of Construction Types, Vulnerability and Population									
						Fraction		Fraction		
		Probability of	collapse (9	6) of building t	pe when	population		populati WORKS		Peak average occupants per
Construction Material				d shaking inte		building	type	building	type	building
(choose from	Construction Subtype (Choose from drop-down listrefer to	IX	VIII (~0.34-	VII	VI					
drop-down list)	instructions to see complete list)	(~0.65-1.24g)	0.65g)	(~0.18-0.34g)	(~0.09218g)	urban	rural	urban	rural	
2										
3										
For other com										
	binations, use blank fields below:									
Masonry		80	57	35	8	1.5	2.5	1	2.5	20
Masonry	Stone Masonry Walls (2(	80	57 75	35 42	8	1.5	2.5	1	2.5	20
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)				8 15	1.5		1 0	2.5	20 6-8
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7) Clay brick/				8	1.5		1 0	2.5	
Masonry 2	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8)	90	75	42		1.5		1	2.5	
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*				8 15	1.5		1 0	2.5	
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/	90	75	42		1.5		1 0	2.5	
Masonry 2 3 4 5 7	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/ block masonry walls(7)(8)	90 62	75 30	12		4	40	1 0	4	6-8
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/ block masonry walls(7)(8) (North part)*	90	75	42		1.5		1 0	2.5 4	
Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/ block masonry walls(7)(8) (North part)*  Clay brick/	90 62	75 30	12		4	40	1 0	4	6-8
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Masonry	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/ block masonry walls(7)(8) (North part)*  Clay brick/	90 62	75 30	12		4	40	5	4	6-8
Masonry 2 3 4 5 6 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Stone Masonry Walls (2( Earthen/Mud/Adobe/Rammed Earthen Walls,(4)(5)(6)(7)  Clay brick/ block masonry walls(7)(8) (South part)*  Clay brick/ block masonry walls(7)(8) (North part)*  Clay brick/ block masonry walls(9)	90 62 51	75 30 25	12		4	40	5	4	6-8

20

35

150-200

38		Shear wall structure(19)(20)(21)(22)	3	1	0	0	5	0	12	0	800
39	Steel	Moment-resisting frame	5	2	0	0	0	0	3	0	1000
40	Wooden structures		45	15	9	3	5	9.5	2	5	8-10
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Part III: Colleagues Consulted, Additional Sources of Information Used  1 Name     Affiliation     Mailing     address     e-mail  2 Name     Affiliation     Mailing     address     e-mail  3 Name     Affiliation     Mailing     address     e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.			
1 Name Affiliation Mailing address e-mail  2 Name Affiliation Mailing address e-mail  3 Name Affiliation Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.			
1 Name  Affiliation  Mailing address e-mail  2 Name  Affiliation  Mailing address e-mail  3 Name  Affiliation  Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.			
Affiliation Mailing address e-mail  2 Name Affiliation Mailing address e-mail  3 Name Affiliation Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.	Part III: Colle	eagues Consulted, Additional Sources of Information Used	
2 Name Affiliation Mailing address e-mail  3 Name Affiliation Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.	Affiliation Mailing		
Affiliation Mailing address e-mail  3 Name Affilication Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.	e-mail		
Affiliation Mailing address e-mail  4 Sources of information you used (websites, publications, etc.) Please provide as much detail as possible.	Affiliation Mailing address		
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