Jaiswal and Wald (2008) PAGER Inventory Database v2.0.xls Kishor Jaiswal and David Wald 2/15/2008 (v1.0) v2.0 14-Apr.14 U.S. Geological Survey 1711 Illinois st, Golden, Colorado 80401

- 1. This is a electronic copy of Appendix VII of USGS OFR by Asiswal and Wald (2008)
 2. It contains four spreadsheets namely. Urban Res, Rural Res, Urban No. Res and Rural Non Res
 3. Each spreadsheet provides building investory distribution for a given density class (Urban or Rural) and occupancy type (Residential or Non-residential)
 4. First row indicates column headers. From second row onwards, each represents a geographic region (e.g. Country Name) and associated inventory distribution by construction types. This version uses ISO 3166-1, 2014 for country n
 5. Column 10 to 10 indicates additional information specific to each country q. as course of data, virtuaes, railing etc
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- Key Updates:
 14-Apc-14
 1-PACER-STR taxonomy was uso PACER-STR taxonomy updated with addition of new tooloodies (RMS was charged to CM. New categories such as CML. CMM and CMH are added)
 1. The inventory data for Cyprus, Bulgaria, Humany, Czech Republic, Balania, Belaria, B

- 31-Aug-08

 1. Taiwar, Argentina, Romania, G. Source: WHE Survey (Phase 8) PAGER Rating-Tight*. For missing distributions (norresidential), we used residential distribution and assigned "Low" rating.

 2. Falsan Bland, Paragues, South Heighbor assignment from Argentina. PAGER Rating-Low"

 2. Falsan Bland, Paragues, South Heighbor assignment from Argentina. PAGER Rating-Low"

 4. California Inventory data assigned using NAZUS distabase (Cracking an operated methodology), PAGER Rating-Tight*.

- UFB4 class has been assigned to UFB2 with additional information about commonly used mortar material Wood frame construction in Turker is assigned W2 instead of W1 RC SW Walls cat the sails assigned as CZ. Insteads of CZ. W and W1 classes were modified to W1 and W2 respectively Store masorny in Germany (ISD2) has 5.5 % exposure instead of 0.5% (instead of very low, it is Low as per WHE expert) Republic of Kree his same distribution as Japan with shower modifications

V1.2 15-Agr-08

PAGER STR hipe assignments were modified and the source information specific to Neighbor assignment countries was added. v1.1 15-Feb-08 PAGER Inventory database released (Version 1.1)

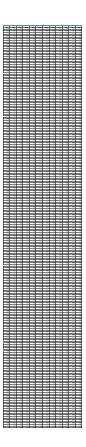
Table 1. Updated PAGER-STR Taxonomy (revised from PAGER Construction Types Used for Inventory Development Appendix I).

PAGER-STR	Description						
W	Wood						
W1	Wood stud-wall frame with plywood/gypsum board sheathing.						
W2 W3	Wood frame. heavy members (with area > 5000 sq. ft.) Wood light unbraced post and beam frame.						
W4	Wood panel or log construction.						
N5	Wattle and Daub (Walls with bamboo/light timber log/reed mesh and post).						
N6 N7	Wood unbraced heavy post and beam frame with mud or other infill material. Wood braced frame with load-bearing infill wall system.						
S	Steel						
S1	Steel moment frame						
S1L S1M	Steel moment frame low-rise						
S1M S1H	Steel moment frame mid-rise Steel moment frame high-rise						
52	Steel braced frame						
S2L	Steel braced frame low-rise						
S2M S2H	Steel braced frame mid-rise Steel braced frame high-rise						
53	Steel light frame						
S4	Steel frame with cast-in-place concrete shear walls						
34L	Steel frame with cast-in-place concrete shear walls low-rise						
S4M S4H	Steel frame with cast-in-place concrete shear walls mid-rise Steel frame with cast-in-place concrete shear walls high-rise						
35	Steel frame with unreinforced masonry infill walls						
S5L	Steel frame with unreinforced masonry infill walls low-rise						
SSM SSH	Steel frame with unreinforced masonry infill walls mid-rise Steel frame with unreinforced masonry infill walls high-rise						
DON'T	Reinforced concrete						
1	Ductile reinforced concrete moment frame with or without infill						
71L	Ductile reinforced concrete moment frame with or without infill low-rise						
C1M C1H	Ductile reinforced concrete moment frame with or without infill mid-rise Ductile reinforced concrete moment frame with or without infill high-rise						
22	Reinforced concrete shear walls						
C2L	Reinforced concrete shear walls low-rise						
C2M C2H	Reinforced concrete shear walls mid-rise Reinforced concrete shear walls high-rise						
22H 23	Nonductile reinforced concrete frame with masonry infill walls						
C3L	Nonductile reinforced concrete frame with masonry infill walls low-rise						
C3M	Nonductile reinforced concrete frame with masonry infill walls mid-rise						
C3H C4	Nonductile reinforced concrete frame with masonry infill walls high-rise Nonductile reinforced concrete frame without masonry infill walls						
C4L	Nonductile reinforced concrete frame without masonry infill walls low-rise						
C4M	Nonductile reinforced concrete frame without masonry infill walls mid-rise						
C4H	Nonductile reinforced concrete frame without masonry infill walls high-rise						
26 26L	Steel reinforced concrete (Steel members encased in reinforced concrete) Steel reinforced concrete (Steel members encased in reinforced concrete) low-rise						
C5M	Steel reinforced concrete (Steel members encased in reinforced concrete) mid-rise						
C5H	Steel reinforced concrete (Steel members encased in reinforced concrete) high-rise						
26 26L	Concrete moment resisting frame with shear wall - dual system Concrete moment resisting frame with shear wall - dual system low-rise						
C6M	Concrete moment resisting frame with shear wall - dual system mid-rise						
C6H	Concrete moment resisting frame with shear wall - dual system high-rise						
27	Flat slab structure						
PC1 PC2	Precast concrete tilt-up walls Precast concrete frames with concrete shear walls						
PC2L	Precast concrete frames with concrete shear walls low-rise						
PC2M	Precast concrete frames with concrete shear walls mid-rise						
PC2H PC3	Precast concrete frames with concrete shear walls high-rise Precast reinforced concrete moment resisting frame with masonry infill walls						
PC3L	Precast reinforced concrete moment resisting frame with masonry infill walls low-rise						
PC3M	Precast reinforced concrete moment resisting frame with masonry infill walls mid-rise						
PC3H PC4	Precast reinforced concrete moment resisting frame with masonry infill walls high-rise Precast panels (wall made of number of horizontal precast panels, construction from former Soviet Union coun						
PC4	Precast panels (wai made or number of nonzontal precast panels, construction from former Soviet Onion coun Reinforced masonry						
RM1	Reinforced masonry bearing walls with wood or metal deck diaphragms						
RM1L	Reinforced masonry bearing walls with wood or metal deck diaphragms low-rise						
RM1M RM2	Reinforced masonry bearing walls with wood or metal deck diaphragms mid-rise (4+ stories) Reinforced masonry bearing walls with concrete diaphragms						
RM2L	Reinforced masonry bearing walls with concrete diaphragms low-rise						
RM2M	Reinforced masonry bearing walls with concrete diaphragms mid-rise						
RM2H CM	Reinforced masonry bearing walls with concrete diaphragms high-rise						
SML	Confined masonry Confined masonry low-rise						
CMM	Confined masonry mid-rise						
CMH	Confined masonry high-rise						
MH M	Mobile homes Mud walls						
//1	Mud walls without horizontal wood elements						
M2	Mud walls with horizontal wood elements						
	Adobe blocks (unbaked sundried mud block) walls						
12	Adobe block, mud mortar, wood roof and floors Adobe block, mud mortar, bamboo, straw, and thatch roof						
N3	Adobe block, straw, and thatch roof cement-sand mortar						
N4	Adobe block, mud mortar, reinforced concrete bond beam, cane and mud roof						
N5 RE	Adobe block, mud mortar, with bamboo or rope reinforcement Rammed Earth/Pneumatically impacted stabilized earth						
RS	Rammed Earth/Pneumatically impacted stabilized earth Rubble stone (field stone) masonry						
RS1	Local field stones dry stacked (no mortar) with timber floors, earth, or metal roof.						
RS2	Local field stones with mud mortar.						
RS3 RS4	Local field stones with lime mortar. Local field stones with cement mortar, vaulted brick roof and floors						
RS5	Local field stones with cement mortar, valued brick roor and floors Local field stones with cement mortar and reinforced concrete bond beam.						
S	Rectangular cut-stone masonry block						
OS1	Rectangular cut stone masonry block with mud mortar, timber roof and floors						
)S2)S3	Rectangular cut stone masonry block with lime mortar Rectangular cut stone masonry block with cement mortar						
DS4	Rectangular cut stone masonry block with cement monar Rectangular cut stone masonry block with reinforced concrete floors and roof						
JFB	Unreinforced fired brick masonry						
JFB1	Unreinforced brick masonry in mud mortar without timber posts						
JFB2 JFB3	Unreinforced brick masonry in mud mortar with timber posts Unreinforced brick masonry in lime mortar						
JFB4	Unreinforced fired brick masonry, cement mortar.						
JFB5	Unreinforced fired brick masonry, cement mortar, but with reinforced concrete floor and roof slabs						
JCB //S	Concrete block unreinforced masonry with lime or cement mortar						
NF	Massive stone masonry in lime or cement mortar Informal constructions.						
JNK	Not specified (unknown/default)						

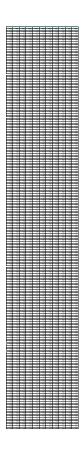
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