

**Appendix 3. Changes in the EATWI in major wooden cultural heritages in Korea (1980-2019) (Unit:  $\mu\text{g}/\text{year}/\text{worker}$ )**

No.	Research Subjects	1980s'	1990s'	2000s'	2010s'
1	Geunjeongjeon Hall of Gyeongbokgung Palace	6658	6832	7053	7392
2	Guksadang Shrine of Inwangsan Mountain	6294	6404	6656	6983
3	Daeungjeon Hall of Jeondeungsa Temple, Ganghwa	6242	6343	6606	6920
4	Josadang Shrine of Silleuksa Temple, Yeosu	6714	6901	7103	7458
5	Paldalmun Gate, Suwon	6670	6834	7060	7388
6	Yeongsanjeon Hall of Seongnamsa Temple, Anseong	6122	6172	6455	6755
7	Ritual House at Geonwol-leung Royal Tomb, Guri	6597	6765	6987	7330
8	Daeungbojeon Hall of Yongjusa Temple, Hwaseong	6674	6836	7063	7388
9	Eo Jae-yeon's House, Icheon	6425	6539	6785	7112
10	Historic House of Maegok-ri, Yangju	6159	6264	6517	6855
11	Donggwandaek House, Namyangju	6516	6672	6899	7244
12	Main Gate of Imyeongwan Guesthouse, Gangneung	6704	6937	7093	7511
13	Hoejeonmun Gate of Cheongpyeongsa Temple, Chuncheon	5559	5567	5865	6205
14	Jukseoru Pavilion, Samcheok	6850	7107	7246	7662
15	Shingled House and Folk Artifacts of Sin-ri, Samcheok	5239	5173	5499	5826
16	Geungnakbojeon Hall of Sinheungsa Temple, Sokcho	5781	5846	6102	6479
17	Jeongmyeolbogung Hall in Jungdae Peak of Odaesan Mountain, Pyeongchang	2991	2589	3141	3397

18	Wanggok Village, Goseong	6506	6715	6892	7312
19	Palsangjeon Wooden Pagoda of Beopjusa Temple, Boeun	5782	5759	6079	6362
20	Hanbyeongnu Pavilion in Cheongpung, Jecheon	6234	6320	6572	6910
21	Daeungjeon Hall of Ansimsa Temple, Cheongju	6534	6646	6894	7200
22	Soseok House, Yeongdong	6815	6969	7180	7500
23	Yun Yang-gye's House, Chungju	6657	6827	7034	7387
24	Kim Hang-muk's House, Goesan	6538	6669	6900	7232
25	Jaenmal House, Eumseong	6414	6530	6773	7104
26	Jo Deok-su's House, Danyang	6362	6478	6710	7061
27	Daeungjeon Hall of Sudeoksa Temple, Yesan	6451	6536	6811	7090
28	Daeungjeon Hall of Gaesimsa Temple, Seosan	6292	6353	6640	6916
29	Dongchundang Hall in Hoedeok, Daejeon	6825	6983	7199	7514
30	Geungnakjeon Hall of Muryangsa Temple, Buyeo	6537	6625	6898	7168
31	Saun House, Hongseong	6902	7071	7294	7592
32	Eungdodang Lecture Hall of Donamseowon Confucian Academy, Nonsan	7066	7256	7450	7763
33	Daegwangbojeon Hall of Magoksa Temple, Gongju	6638	6763	7010	7307
34	Jungakdan Shrine in Gye-ryongsan Mountain, Gongju	6710	6841	7080	7377
35	Hong Sun-hyeong's House, Sejong	6951	7140	7338	7664
36	Champandaek House in Oeam Village, Asan	6768	6927	7154	7464
37	Yi Ha-bok's House, Seocheon	7155	7347	7545	7841
38	Upper Daeungjeon Hall of Janggoksa Temple, Cheongyang	6543	6640	6906	7186

39	Mireukjeon Hall of Geumsansa Temple, Gimje	6800	6914	7158	7432
40	Geungnakjeon Hall of Hwaamsa Temple, Wanju	6281	6317	6611	6879
41	Daeseongjeon Shrine of Jangsuhyanggyo Local Confucian School	5785	5712	6067	6299
42	Pihyangjeong Pavilion, Jeongeup	7316	7520	7703	7991
43	Gwanghallu Pavilion, Namwon	7150	7318	7516	7802
44	Daeungjeon Hall of Seonunsa Temple, Gochang	7333	7524	7717	7990
45	Daeungbojeon Hall of Naesosa Temple, Buan	7158	7323	7535	7808
46	Pungpaejigwan Guesthouse, Jeonju	7156	7343	7535	7833
47	Bogwangjeon Hall of Sungnimsa Temple, Iksan	6968	7128	7347	7639
48	Suseonru Pavilion, Jinan	6251	6269	6571	6827
49	Geungnakbojeon Hall of Muwisa Temple, Gangjin	7096	7201	7440	7676
50	Haetalmun Gate of Dogapsa Temple, Yeongam	7313	7457	7670	7912
51	Guksajeon Shrine of Songgwangsa Temple, Suncheon	6721	6785	7048	7299
52	Gakhwangjeon Hall of Hwaeomsa Temple, Gurye	6529	6576	6853	7110
53	Jinnamgwan Hall, Yeosu	7661	7888	8046	8324
54	Daeseongjeon Shrine of Najuhyanggyo Local Confucian School	7514	7712	7894	8153
55	Daeungjeon Hall of Bulgapsa Temple, Yeonggwang	7232	7386	7599	7856
56	Daeungjeon Hall of Mihwangsa Temple, Haenam	6945	7000	7270	7482
57	Daeungjeon Hall of Neunggasa Temple, Goheung	7599	7801	7975	8237
58	Yang Jae-hyeong's House, Hwasun	7461	7650	7835	8096

59	Jehojeong House, Gokseong	7240	7417	7610	7890
60	Historic House of Yureo-ri, Boseong	7128	7256	7476	7732
61	Jonjae House, Jangheung	7512	7684	7876	8121
62	Historic House of Yugyo-ri, Muan	7561	7751	7938	8183
63	Kim Whanki's House, Si- nan	7597	7781	7973	8207
64	Eungjinjeon Hall of Buryeongsa Temple, Uljin	6363	6496	6702	7084
65	Manhoe House, Bonghwa	6316	6424	6655	7012
66	Geungnakjeon Hall of Bongamsa Temple, Mung- yeong	6048	6080	6364	6674
67	Muryangsujeon Hall of Buseoksa Temple, Yeongju	5204	5121	5461	5766
68	Museom Village, Yeongju	6632	6796	6992	7355
69	Seoseokji Garden, Yeongyang	6346	6455	6677	7038
70	Chunghyodang Head House, Yeongdeok	7057	7315	7452	7835
71	Jeongyodang Lecture Hall of Dosanseowon Con- fucian Academy, Andong	6416	6539	6757	7117
72	Yangjindang House in Hahoe, Andong	6851	7048	7224	7583
73	Daejangjeon Hall and Ro- tating Sutra Case of Yong- munsa Temple, Yecheon	5572	5530	5854	6154
74	Yangjindang House, Sangju	6959	7161	7336	7682
75	Manchwidang House, Uiseong	6574	6714	6920	7273
76	Bogwangjeon Hall of Daejeonsa Temple, Cheong- song	6302	6393	6623	6975
77	Daeungjeon Hall of Jikjisa Temple, Gimcheon	6475	6564	6814	7121
78	Yeongsanjeon Hall of Geojoam Hermitage of Eunhaesa Temple, Yeong- cheon	6188	6231	6496	6812

79	Mucheomdang House in Yangdong, Gyeongju	7290	7559	7692	8053
80	Daeungjeon Hall of Bulguksa Temple, Gyeongju	6503	6608	6825	7165
81	Jeokgwangjeon Hall of Bogyongs Temple, Pohang	6923	7137	7298	7663
82	Daeungjeon Hall of Dae-dunsa Temple, Gumi	6382	6469	6718	7037
83	Ssangam House, Gumi	7140	7372	7529	7873
84	Daeungjeon Hall of Hwanseongs Temple, Gyeongsan	5938	5926	6225	6523
85	Daeungjeon Hall of Daebisa Temple, Cheongdo	6752	6890	7093	7421
86	Hangae Village, Seongju	7105	7315	7485	7815
87	Taegojeong House, Dalseong	7146	7365	7528	7861
88	Daeungjeon Hall of Donghwasa Temple, Daegu	5438	5338	5693	5965
89	Janggyeongpanjeon Depositories of Haeinsa Temple, Hapcheon	4929	4748	5149	5377
90	Mugwa House, Hapcheon	6606	6700	6938	7241
91	Daeungjeon Hall and Ordination Platform of Tongdosa Temple, Yangsan	6897	7056	7246	7571
92	Sebyeongwan Hall, Tongyeong	7670	7917	8061	8365
93	Yeongnamnu Pavilion, Miryang	7402	7649	7794	8123
94	Yaksajeon Hall of Gwall-yongs Temple, Changnyeong	6045	6033	6333	6613
95	Daeungjeon Hall of Yulgoksa Temple, Sancheong	6016	5983	6306	6557
96	Daeungjeon Hall of Ssanggyesa Temple, Hadong	6912	7031	7254	7535
97	Jinjuseong Fortress	7542	7781	7933	8233
98	Historic House of the Jinyang Ha Clan, Changnyeong	7240	7455	7619	7938
99	Ildu House, Hamyang	6756	6866	7097	7391

10 0	Donggye Head House, Geochang	6278	6310	6596	6871
10 1	Heo Sam-dul's House, Hamyang	6638	6730	6975	7265
10 2	Mugiyeondang Garden, Haman	7392	7621	7777	8090
10 3	Daeungjeon Hall of Beomeosa Temple, Busan	6305	6339	6598	6903
10 4	Daeungjeon Hall of Jangansa Temple, Gijang	7087	7238	7448	7727
10 5	Gwandeokjeong Hall, Jeju	8143	8365	8517	8732
10 6	Merchant's House in Seongeup Village, Jeju	7722	7856	8059	8262
	Average	6657. 4( $\pm$ 682.5 )	6777. 4(772.5)	7008. 2(717.1)	7314. 0(714.4)