

Supplementary Table 4. Age-standardized prevalence^{a)} and 95% CI of recurrent dislocation and subluxation of temporomandibular joint (ICD-10: K07.62) overall and by sex (per 100,000)

Variable	2012		2013		2014		2015		2016	
	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
All	4,475	9.23 (8.95–9.51)	5,075	10.4 (10.1–10.7)	5,142	10.5 (10.2–10.7)	5,146	10.4 (10.1–10.6)	5,530	11.0 (10.7–11.3)
0–9 years old	95	2.06 (1.64–2.47)	109	2.38 (1.93–2.83)	74	1.63 (1.26–2.00)	69	1.51 (1.15–1.86)	66	1.43 (1.08–1.78)
10–19 years old	916	14.8 (13.9–15.8)	1,027	17.2 (16.1–18.2)	1,018	17.7 (16.6–18.7)	964	17.6 (16.4–18.7)	963	17.6 (16.5–18.7)
20–29 years old	1,285	19.2 (18.2–20.3)	1,451	21.8 (20.6–22.9)	1,449	21.5 (20.4–22.6)	1,568	23.1 (22.0–24.3)	1,760	25.7 (24.5–26.9)
30–39 years old	741	9.03 (8.38–9.68)	821	10.2 (9.46–10.9)	819	10.4 (9.65–11.1)	836	10.7 (10.0–11.5)	865	11.3 (10.5–12.0)
40–49 years old	476	5.50 (5.01–6.00)	507	5.78 (5.28–6.29)	536	6.09 (5.57–6.60)	551	6.30 (5.78–6.83)	587	6.74 (6.20–7.29)
50–59 years old	377	4.99 (4.48–5.49)	467	5.98 (5.43–6.52)	488	6.08 (5.54–6.62)	472	5.80 (5.28–6.33)	477	5.78 (5.26–6.30)
60–69 years old	220	5.30 (4.60–6.00)	293	6.81 (6.03–7.59)	299	6.59 (5.84–7.33)	284	5.82 (5.14–6.49)	344	6.63 (5.93–7.33)
70–79 years old	238	8.71 (7.60–9.82)	262	9.23 (8.11–10.4)	291	9.98 (8.83–11.1)	248	8.46 (7.41–9.52)	289	9.65 (8.53–10.8)
Over 80 years	127	13.4 (11.1–15.7)	138	13.5 (11.2–15.7)	168	15.0 (12.7–17.3)	154	12.6 (10.6–14.6)	179	13.5 (11.5–15.5)
Male	1,946	7.73 (7.38–8.09)	2,089	8.32 (7.95–8.68)	2,116	8.35 (7.99–8.71)	2,138	8.45 (8.09–8.81)	2,364	9.19 (8.81–9.56)
0–9 years old	65	2.74 (2.07–3.41)	68	2.89 (2.20–3.57)	44	1.86 (1.30–2.42)	34	1.42 (0.93–1.91)	37	1.57 (1.06–2.07)
10–19 years old	474	14.5 (13.2–15.9)	477	15.2 (13.8–16.5)	489	16.2 (14.7–17.6)	454	15.8 (14.4–17.3)	477	16.7 (15.2–18.2)
20–29 years old	597	17.0 (15.7–18.4)	678	19.3 (17.9–20.8)	669	18.8 (17.4–20.2)	726	20.2 (18.7–21.7)	830	22.9 (21.3–24.4)
30–39 years old	313	7.43 (6.61–8.26)	319	7.68 (6.83–8.52)	327	8.03 (7.15–8.90)	358	8.92 (7.99–9.84)	349	8.81 (7.88–9.73)
40–49 years old	194	4.39 (3.77–5.01)	189	4.22 (3.62–4.82)	199	4.44 (3.82–5.05)	195	4.36 (3.75–4.98)	246	5.56 (4.86–6.25)
50–59 years old	145	3.81 (3.19–4.43)	171	4.37 (3.71–5.02)	185	4.60 (3.94–5.26)	157	3.83 (3.23–4.44)	180	4.32 (3.69–4.96)
60–69 years old	85	4.21 (3.31–5.12)	99	4.74 (3.80–5.68)	100	4.52 (3.64–5.41)	97	4.06 (3.25–4.87)	129	5.11 (4.23–6.00)
70–79 years old	47	3.99 (2.84–5.13)	60	4.91 (3.66–6.15)	71	5.58 (4.27–6.89)	79	6.13 (4.77–7.49)	84	6.32 (4.95–7.68)
Over 80 years	26	8.91 (5.43–12.4)	28	8.76 (5.46–12.0)	32	9.07 (5.90–12.2)	38	9.69 (6.58–12.8)	32	7.35 (4.77–9.93)
Female	2,529	10.7 (10.3–11.1)	2,986	12.4 (12.0–12.9)	3,026	12.5 (12.1–13.0)	3,008	12.3 (11.8–12.7)	3,166	12.7 (12.3–13.2)
0–9 years old	30	1.34 (0.86–1.82)	41	1.85 (1.29–2.42)	30	1.34 (0.85–1.83)	35	1.54 (1.02–2.07)	29	1.29 (0.81–1.76)
10–19 years old	442	15.1 (13.7–16.5)	550	19.3 (17.7–20.9)	529	19.2 (17.6–20.9)	510	19.4 (17.7–21.1)	486	18.5 (16.8–20.1)
20–29 years old	688	21.6 (20.0–23.2)	773	24.4 (22.7–26.2)	780	24.6 (22.8–26.3)	842	26.4 (24.6–28.2)	930	28.9 (27.0–30.7)
30–39 years old	428	10.7 (9.68–11.7)	502	12.8 (11.6–13.9)	492	12.8 (11.7–13.9)	478	12.6 (11.5–13.8)	516	13.9 (12.7–15.1)
40–49 years old	282	6.66 (5.88–7.44)	318	7.40 (6.59–8.22)	337	7.80 (6.96–8.63)	356	8.29 (7.43–9.16)	341	7.97 (7.13–8.82)
50–59 years old	232	6.12 (5.33–6.91)	296	7.60 (6.73–8.46)	303	7.55 (6.70–8.40)	315	7.76 (6.90–8.62)	297	7.22 (6.40–8.05)
60–69 years old	135	6.31 (5.24–7.37)	194	8.76 (7.52–9.99)	199	8.55 (7.36–9.74)	187	7.46 (6.39–8.53)	215	8.05 (6.97–9.13)
70–79 years old	191	12.3 (10.5–14.0)	202	12.5 (10.8–14.2)	220	13.3 (11.6–15.1)	169	10.2 (8.70–11.8)	205	12.2 (10.5–13.9)
Over 80 years	101	15.3 (12.3–18.3)	110	15.5 (12.6–18.4)	136	17.7 (14.7–20.6)	116	14.0 (11.5–16.6)	147	16.4 (13.8–19.1)

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Supplementary Table 4. Continued

2017		2018		2019		2020	
No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
5,296	10.5 (10.3–10.8)	5,359	10.6 (10.4–10.9)	5,130	10.1 (9.80–10.4)	5,205	10.3 (9.98–10.5)
67	1.51 (1.14–1.87)	59	1.38 (1.03–1.73)	63	1.51 (1.13–1.88)	51	1.28 (0.93–1.63)
859	16.7 (15.6–17.9)	859	17.3 (16.1–18.4)	825	17.1 (15.9–18.3)	767	16.4 (15.2–17.6)
1,618	23.5 (22.3–24.6)	1,591	23.0 (21.9–24.2)	1,517	21.9 (20.8–23.0)	1,623	23.5 (22.4–24.7)
870	11.5 (10.8–12.3)	800	10.7 (10.0–11.5)	803	10.9 (10.2–11.7)	823	11.5 (10.7–12.3)
585	6.78 (6.23–7.33)	621	7.35 (6.77–7.93)	544	6.46 (5.92–7.01)	560	6.72 (6.16–7.27)
480	5.76 (5.24–6.27)	540	6.36 (5.82–6.90)	511	5.94 (5.43–6.46)	495	5.77 (5.26–6.28)
372	6.80 (6.11–7.49)	386	6.69 (6.02–7.36)	364	5.92 (5.31–6.53)	416	6.33 (5.72–6.94)
289	9.20 (8.14–10.3)	292	8.96 (7.93–9.99)	282	8.41 (7.42–9.39)	270	7.83 (6.89–8.76)
156	10.9 (9.20–12.6)	211	13.7 (11.9–15.6)	221	13.2 (11.5–15.0)	200	11.3 (9.71–12.8)
2,297	9.02 (8.65–9.39)	2,269	8.90 (8.54–9.27)	2,262	8.80 (8.44–9.16)	2,231	8.76 (8.39–9.12)
34	1.47 (0.96–1.97)	31	1.37 (0.87–1.87)	38	1.76 (1.19–2.33)	24	1.17 (0.70–1.65)
449	16.8 (15.2–18.4)	433	16.8 (15.2–18.3)	436	17.4 (15.8–19.1)	396	16.4 (14.7–18.0)
770	21.1 (19.6–22.6)	789	21.5 (20.0–23.1)	773	21.0 (19.5–22.5)	805	22.1 (20.5–23.6)
364	9.35 (8.39–10.3)	335	8.70 (7.77–9.63)	345	9.05 (8.09–10.0)	348	9.35 (8.36–10.3)
224	5.08 (4.41–5.75)	224	5.20 (4.52–5.88)	192	4.46 (3.83–5.09)	223	5.22 (4.53–5.91)
187	4.46 (3.82–5.10)	202	4.74 (4.08–5.40)	205	4.74 (4.09–5.39)	185	4.27 (3.66–4.89)
143	5.36 (4.48–6.24)	126	4.46 (3.68–5.24)	132	4.40 (3.65–5.15)	139	4.34 (3.61–5.06)
91	6.50 (5.16–7.84)	85	5.83 (4.58–7.07)	81	5.33 (4.17–6.50)	79	5.03 (3.91–6.14)
35	7.35 (4.89–9.81)	44	8.44 (5.92–11.0)	60	10.5 (7.80–13.1)	32	5.16 (3.35–6.97)
2,999	12.1 (11.6–12.5)	3,090	12.4 (12.0–12.8)	2,868	11.4 (11.0–11.8)	2,974	11.8 (11.4–12.2)
33	1.49 (0.97–2.02)	28	1.34 (0.84–1.84)	25	1.24 (0.75–1.72)	27	1.39 (0.86–1.92)
410	16.6 (15.0–18.3)	426	17.8 (16.1–19.5)	389	16.7 (15.1–18.4)	371	16.4 (14.8–18.1)
848	26.1 (24.4–27.9)	802	24.7 (23.0–26.4)	744	22.8 (21.2–24.5)	818	25.1 (23.4–26.8)
506	13.9 (12.7–15.1)	465	12.9 (11.7–14.0)	458	13.0 (11.8–14.2)	475	13.9 (12.6–15.1)
361	8.52 (7.64–9.40)	397	9.58 (8.64–10.5)	352	8.54 (7.65–9.44)	337	8.27 (7.39–9.15)
293	7.04 (6.23–7.84)	338	7.97 (7.12–8.82)	306	7.13 (6.33–7.93)	310	7.27 (6.46–8.08)
229	8.17 (7.11–9.22)	260	8.79 (7.71–9.86)	232	7.37 (6.42–8.32)	277	8.23 (7.26–9.19)
198	11.4 (9.80–12.9)	207	11.5 (9.94–13.1)	201	10.9 (9.40–12.4)	191	10.1 (8.67–11.6)
121	12.6 (10.4–14.9)	167	16.3 (13.9–18.8)	161	14.6 (12.4–16.9)	168	14.4 (12.2–16.6)

CI, confidence interval; ICD-10, International Classification of Diseases 10th Revision.

^{a)}Age-standardized prevalence rates of recurrent dislocation and subluxation of temporomandibular joint (ICD-10: K07.62) were calculated using age groups according to the direct method using the estimated Korean population in 2020 as a reference.