

Supplementary Table 6. Age-standardized prevalence^{a)} and 95% CI of stiffness of temporomandibular joint, not elsewhere classified (ICD-10: K07.64) 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	3,987	8.08 (7.83–8.34)	4,617	9.32 (9.05–9.60)	5,165	10.3 (10.1–10.6)	5,933	11.9 (11.6–12.2)	6,158	12.1 (11.8–12.4)
0–9 years old	20	0.43 (0.24–0.62)	27	0.58 (0.35–0.80)	15	0.33 (0.16–0.49)	20	0.43 (0.23–0.62)	15	0.33 (0.16–0.49)
10–19 years old	783	12.7 (11.8–13.6)	841	14.1 (13.1–15.0)	972	16.9 (15.8–17.9)	1,058	19.2 (18.1–20.4)	1,025	18.7 (17.6–19.8)
20–29 years old	1,040	15.5 (14.6–16.5)	1,155	17.3 (16.3–18.3)	1,295	19.2 (18.2–20.3)	1,515	22.3 (21.2–23.5)	1,633	23.9 (22.7–25.0)
30–39 years old	724	8.82 (8.18–9.47)	841	10.4 (9.71–11.1)	893	11.3 (10.5–12.0)	989	12.7 (11.9–13.5)	988	12.9 (12.1–13.7)
40–49 years old	552	6.39 (5.86–6.92)	676	7.71 (7.13–8.30)	756	8.59 (7.98–9.20)	855	9.78 (9.12–10.4)	927	10.7 (10.0–11.3)
50–59 years old	453	5.99 (5.44–6.54)	555	7.11 (6.52–7.70)	602	7.49 (6.89–8.09)	727	8.94 (8.29–9.59)	763	9.24 (8.58–9.90)
60–69 years old	243	5.86 (5.12–6.60)	282	6.56 (5.79–7.32)	361	7.96 (7.14–8.78)	450	9.22 (8.36–10.1)	491	9.46 (8.62–10.3)
70–79 years old	142	5.18 (4.32–6.04)	195	6.86 (5.90–7.83)	224	7.69 (6.68–8.70)	249	8.49 (7.43–9.54)	232	7.74 (6.75–8.74)
Over 80 years	30	3.17 (2.03–4.31)	45	4.36 (3.08–5.65)	47	4.16 (2.95–5.36)	70	5.72 (4.37–7.06)	84	6.34 (4.98–7.70)
Male	1,612	6.55 (6.22–6.88)	1,840	7.45 (7.10–7.79)	1,987	7.96 (7.60–8.32)	2,351	9.44 (9.05–9.83)	2,508	9.86 (9.47–10.2)
0–9 years old	12	0.49 (0.20–0.78)	16	0.64 (0.30–0.97)	6	0.24 (0.04–0.45)	13	0.54 (0.24–0.84)	9	0.34 (0.09–0.59)
10–19 years old	333	10.2 (9.14–11.3)	338	10.7 (9.59–11.9)	419	13.9 (12.6–15.2)	433	15.1 (13.7–16.5)	451	15.8 (14.4–17.3)
20–29 years old	410	11.7 (10.6–12.8)	437	12.5 (11.3–13.6)	468	13.1 (11.9–14.3)	548	15.2 (14.0–16.5)	667	18.4 (17.0–19.8)
30–39 years old	273	6.49 (5.72–7.26)	335	8.05 (7.19–8.92)	335	8.22 (7.33–9.10)	391	9.72 (8.76–10.7)	355	8.94 (8.01–9.88)
40–49 years old	234	5.29 (4.61–5.97)	275	6.15 (5.42–6.88)	258	5.75 (5.05–6.45)	322	7.23 (6.44–8.01)	352	7.94 (7.11–8.77)
50–59 years old	169	4.46 (3.79–5.13)	215	5.48 (4.75–6.22)	233	5.78 (5.04–6.53)	303	7.41 (6.57–8.25)	343	8.25 (7.37–9.12)
60–69 years old	110	5.48 (4.46–6.51)	121	5.79 (4.76–6.83)	167	7.56 (6.41–8.71)	205	8.61 (7.43–9.80)	216	8.55 (7.41–9.69)
70–79 years old	60	5.09 (3.79–6.39)	85	6.93 (5.45–8.41)	85	6.68 (5.25–8.12)	105	8.16 (6.59–9.73)	84	6.32 (4.95–7.68)
Over 80 years	11	3.75 (1.49–6.02)	18	5.63 (2.99–8.27)	16	4.53 (2.30–6.77)	31	7.97 (5.16–10.8)	31	7.19 (4.65–9.74)
Female	2,375	9.62 (9.23–10.0)	2,777	11.2 (10.8–11.6)	3,178	12.7 (12.3–13.2)	3,582	14.4 (13.9–14.8)	3,650	14.4 (13.9–14.9)
0–9 years old	8	0.31 (0.06–0.56)	11	0.46 (0.17–0.76)	9	0.36 (0.09–0.63)	7	0.31 (0.07–0.54)	6	0.26 (0.04–0.47)
10–19 years old	450	15.4 (14.0–16.8)	503	17.7 (16.1–19.2)	553	20.1 (18.4–21.8)	625	23.8 (21.9–25.7)	574	21.8 (20.0–23.6)
20–29 years old	630	19.8 (18.2–21.3)	718	22.7 (21.0–24.40)	827	26.0 (24.3–27.8)	967	30.3 (28.4–32.2)	966	30.0 (28.1–31.9)
30–39 years old	451	11.3 (10.2–12.3)	506	12.9 (11.8–14.0)	558	14.5 (13.3–15.7)	598	15.8 (14.6–17.1)	633	17.0 (15.7–18.4)
40–49 years old	318	7.53 (6.70–8.36)	401	9.33 (8.42–10.2)	498	11.5 (10.5–12.6)	533	12.5 (11.4–13.5)	575	13.4 (12.3–14.5)
50–59 years old	284	7.50 (6.63–8.38)	340	8.72 (7.79–9.65)	369	9.21 (8.27–10.1)	424	10.4 (9.45–11.4)	420	10.2 (9.26–11.2)
60–69 years old	133	6.22 (5.16–7.28)	161	7.28 (6.16–8.41)	194	8.31 (7.14–9.49)	245	9.76 (8.53–11.0)	275	10.3 (9.10–11.5)
70–79 years old	82	5.26 (4.12–6.40)	110	6.81 (5.53–8.08)	139	8.41 (7.01–9.81)	144	8.71 (7.28–10.1)	148	8.81 (7.39–10.2)
Over 80 years	19	2.88 (1.58–4.18)	27	3.81 (2.37–5.25)	31	3.97 (2.55–5.39)	39	4.67 (3.19–6.15)	53	5.91 (4.32–7.51)

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Supplementary Table 6. Continued

2017		2018		2019		2020	
No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
6,423	12.8 (12.4–13.1)	6,158	12.2 (11.9–12.5)	6,333	12.4 (12.1–12.7)	6,869	13.5 (13.2–13.8)
24	0.53 (0.31–0.75)	30	0.68 (0.43–0.93)	22	0.53 (0.31–0.75)	26	0.65 (0.40–0.90)
947	18.5 (17.3–19.6)	916	18.4 (17.2–19.6)	880	18.2 (17.0–19.4)	889	19.0 (17.8–20.3)
1,693	24.5 (23.4–25.7)	1,574	22.8 (21.7–23.9)	1,675	24.1 (23.0–25.3)	1,851	26.8 (25.6–28.0)
1,062	14.1 (13.2–14.9)	952	12.8 (12.0–13.6)	1,024	14.0 (13.1–14.8)	1,120	15.7 (14.8–16.6)
929	10.8 (10.1–11.5)	911	10.8 (10.1–11.5)	909	10.8 (10.1–11.5)	929	11.2 (10.4–11.9)
824	9.89 (9.22–10.6)	804	9.48 (8.83–10.1)	840	9.78 (9.11–10.4)	940	11.0 (10.3–11.7)
554	10.1 (9.28–11.0)	568	9.85 (9.04–10.7)	586	9.55 (8.77–10.3)	653	9.96 (9.19–10.7)
302	9.62 (8.53–10.7)	315	9.67 (8.60–10.7)	316	9.43 (8.38–10.5)	344	9.98 (8.92–11.0)
88	6.13 (4.85–7.42)	88	5.72 (4.52–6.91)	81	4.83 (3.77–5.89)	117	6.55 (5.35–7.74)
2,556	10.1 (9.72–10.5)	2,429	9.58 (9.20–9.96)	2,612	10.2 (9.80–10.6)	2,724	10.7 (10.3–11.1)
15	0.64 (0.30–0.97)	17	0.73 (0.37–1.10)	10	0.44 (0.15–0.73)	9	0.44 (0.15–0.73)
420	15.7 (14.2–17.2)	394	15.2 (13.7–16.8)	390	15.6 (14.0–17.1)	392	16.2 (14.6–17.8)
688	18.8 (17.4–20.2)	666	18.2 (16.8–19.6)	721	19.6 (18.2–21.0)	743	20.4 (18.9–21.8)
397	10.2 (9.18–11.2)	340	8.81 (7.87–9.75)	396	10.4 (9.37–11.4)	433	11.6 (10.5–12.7)
326	7.42 (6.61–8.22)	332	7.70 (6.87–8.53)	342	7.94 (7.10–8.78)	339	7.94 (7.09–8.79)
338	8.08 (7.22–8.95)	306	7.20 (6.39–8.01)	313	7.25 (6.44–8.05)	369	8.55 (7.68–9.42)
219	8.21 (7.12–9.30)	214	7.59 (6.57–8.61)	245	8.18 (7.15–9.21)	251	7.84 (6.87–8.81)
122	8.71 (7.15–10.3)	131	8.95 (7.41–10.5)	155	10.2 (8.63–11.9)	146	9.32 (7.81–10.8)
31	6.57 (4.25–8.88)	29	5.47 (3.43–7.52)	40	7.04 (4.85–9.22)	42	6.72 (4.65–8.80)
3,867	15.4 (14.9–15.9)	3,729	14.8 (14.3–15.3)	3,721	14.6 (14.1–15.1)	4,145	16.3 (15.8–16.8)
9	0.41 (0.14–0.69)	13	0.62 (0.28–0.96)	12	0.57 (0.23–0.90)	17	0.88 (0.46–1.29)
527	21.4 (19.6–23.2)	522	21.8 (20.0–23.7)	490	21.1 (19.2–23.0)	497	22.0 (20.1–24.0)
1,005	31.0 (29.1–32.9)	908	28.0 (26.1–29.8)	954	29.3 (27.4–31.1)	1,108	34.0 (32.0–36.0)
665	18.2 (16.9–19.6)	612	17.0 (15.6–18.3)	628	17.8 (16.4–19.2)	687	20.1 (18.6–21.6)
603	14.2 (13.1–15.3)	579	14.0 (12.8–15.1)	567	13.8 (12.7–14.9)	590	14.5 (13.3–15.7)
486	11.7 (10.6–12.7)	498	11.8 (10.7–12.8)	527	12.3 (11.2–13.3)	571	13.4 (12.3–14.5)
335	11.9 (10.7–13.2)	354	12.0 (10.7–13.2)	341	10.8 (9.67–12.0)	402	11.9 (10.8–13.1)
180	10.3 (8.80–11.8)	184	10.2 (8.73–11.7)	161	8.76 (7.41–10.1)	198	10.5 (9.05–12.0)
57	5.91 (4.37–7.46)	59	5.76 (4.28–7.23)	41	3.66 (2.52–4.80)	75	6.38 (4.92–7.84)

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

^{a)}Age-standardized prevalence rates of stiffness of temporomandibular joint, not elsewhere classified (ICD-10: K07.64) were calculated using age groups according to the direct method using the estimated Korean population in 2020 as a reference.