

Supplementary Table 10. Age-standardized prevalence^{a)} and 95% CI of temporomandibular joint disorder, unspecified (ICD-10: K07.69) 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	76,255	157.9 (156.8–159.1)	78,029	160.5 (159.3–161.6)	76,420	155.9 (154.8–157.1)	72,402	147.6 (146.6–148.7)	72,315	144.8 (143.7–145.8)
0–9 years old	789	17.2 (16.0–18.4)	746	16.4 (15.2–17.5)	660	14.5 (13.4–15.7)	662	14.5 (13.4–15.7)	690	15.0 (13.9–16.1)
10–19 years old	15,147	245.3 (241.4–249.2)	14,997	250.7 (246.7–254.7)	13,961	242.2 (238.2–246.2)	12,324	224.4 (220.5–228.4)	11,772	214.9 (211.0–218.8)
20–29 years old	18,065	270.1 (266.1–274.0)	18,486	277.4 (273.4–281.4)	17,691	262.9 (259.0–266.8)	16,690	246.1 (242.4–249.8)	16,886	246.7 (243.0–250.4)
30–39 years old	12,110	147.8 (145.2–150.4)	11,821	146.4 (143.8–149.0)	11,304	143.0 (140.3–145.6)	10,303	132.3 (129.8–134.9)	10,045	130.9 (128.3–133.4)
40–49 years old	10,003	115.8 (113.5–118.1)	10,456	119.5 (117.2–121.8)	10,366	117.8 (115.6–120.1)	9,793	112.1 (109.9–114.4)	9,623	110.6 (108.4–112.9)
50–59 years old	9,393	124.3 (121.7–126.8)	9,839	126.0 (123.5–128.5)	10,106	126.0 (123.5–128.4)	9,891	121.6 (119.2–124.0)	9,722	117.8 (115.5–120.2)
60–69 years old	5,873	141.8 (138.2–145.4)	6,132	142.8 (139.2–146.4)	6,523	143.9 (140.4–147.4)	6,628	135.8 (132.5–139.1)	7,121	137.3 (134.1–140.5)
70–79 years old	4,014	147.2 (142.6–151.7)	4,514	159.3 (154.6–163.9)	4,690	161.2 (156.6–165.8)	4,846	165.5 (160.9–170.2)	5,011	167.4 (162.8–172.0)
Over 80 years	861	91.1 (85.1–97.2)	1,038	101.5 (95.3–107.7)	1,119	100.1 (94.3–106.0)	1,265	104.0 (98.3–109.8)	1,445	109.3 (103.7–115.0)
Male	30,582	125.4 (124.0–126.9)	31,591	129.4 (127.9–130.8)	31,115	126.1 (124.7–127.6)	29,376	119.1 (117.8–120.5)	29,711	117.9 (116.6–119.3)
0–9 years old	393	16.5 (14.9–18.2)	387	16.4 (14.8–18.1)	322	13.7 (12.2–15.3)	354	15.1 (13.5–16.7)	334	14.1 (12.6–15.7)
10–19 years old	6,900	212.3 (207.3–217.3)	6,744	214.8 (209.6–219.9)	6,399	212.2 (207.0–217.4)	5,583	194.8 (189.7–199.9)	5,535	194.2 (189.1–199.3)
20–29 years old	7,613	217.4 (212.5–222.3)	7,783	222.0 (217.1–227.0)	7,692	216.3 (211.5–221.2)	7,214	200.8 (196.2–205.4)	7,462	205.7 (201.0–210.3)
30–39 years old	4,496	107.0 (103.9–110.2)	4,500	108.5 (105.3–111.7)	4,291	105.5 (102.4–108.7)	3,942	98.3 (95.2–101.3)	3,926	99.2 (96.1–102.3)
40–49 years old	3,701	83.8 (81.1–86.5)	3,869	86.7 (83.9–89.4)	3,930	87.6 (84.8–90.3)	3,589	80.6 (77.9–83.2)	3,609	81.6 (78.9–84.2)
50–59 years old	3,490	92.2 (89.2–95.3)	3,722	95.1 (92.0–98.1)	3,710	92.3 (89.3–95.2)	3,680	90.3 (87.3–93.2)	3,656	88.1 (85.3–91.0)
60–69 years old	2,279	113.6 (109.0–118.3)	2,546	122.2 (117.5–127.0)	2,708	122.7 (118.0–127.3)	2,693	113.4 (109.2–117.7)	2,839	112.5 (108.4–116.7)
70–79 years old	1,447	123.6 (117.2–129.9)	1,673	136.8 (130.2–143.4)	1,683	133.3 (126.9–139.7)	1,881	147.0 (140.3–153.6)	1,903	144.2 (137.7–150.7)
Over 80 years	263	91.5 (80.4–102.5)	367	116.5 (104.6–128.4)	380	108.5 (97.6–119.4)	440	113.2 (102.6–123.8)	447	104.1 (94.5–113.8)
Female	45,673	190.4 (188.6–192.2)	46,438	191.7 (189.9–193.5)	45,305	185.8 (184.1–187.6)	43,026	176.3 (174.6–178.0)	42,604	171.7 (170.0–173.3)
0–9 years old	396	17.8 (16.1–19.6)	359	16.2 (14.5–17.9)	338	15.3 (13.7–17.0)	308	14.0 (12.4–15.5)	356	15.9 (14.3–17.6)
10–19 years old	8,247	282.0 (275.9–288.1)	8,253	290.3 (284.1–296.6)	7,562	275.1 (268.9–281.3)	6,741	256.8 (250.6–262.9)	6,237	237.4 (231.5–243.3)
20–29 years old	10,452	327.9 (321.6–334.2)	10,703	338.7 (332.3–345.1)	9,999	315.0 (308.8–321.2)	9,476	297.1 (291.1–303.1)	9,424	292.9 (287.0–298.8)
30–39 years old	7,614	190.6 (186.3–194.9)	7,321	186.4 (182.1–190.7)	7,013	182.6 (178.3–186.8)	6,361	168.6 (164.4–172.7)	6,119	164.6 (160.5–168.8)
40–49 years old	6,302	149.3 (145.6–152.9)	6,587	153.6 (149.9–157.3)	6,436	149.3 (145.6–152.9)	6,204	145.0 (141.4–148.6)	6,014	140.7 (137.2–144.3)
50–59 years old	5,903	156.3 (152.4–160.3)	6,117	157.1 (153.1–161.0)	6,396	159.8 (155.8–163.7)	6,211	153.1 (149.3–156.9)	6,066	147.9 (144.1–151.6)
60–69 years old	3,594	168.2 (162.7–173.7)	3,586	162.2 (156.9–167.5)	3,815	164.0 (158.8–169.2)	3,935	157.0 (152.1–161.9)	4,282	160.8 (156.0–165.6)
70–79 years old	2,567	164.9 (158.5–171.3)	2,841	176.4 (169.9–182.8)	3,007	182.5 (176.0–189.0)	2,965	180.0 (173.5–186.4)	3,108	185.6 (179.1–192.1)
Over 80 years	598	91.0 (83.7–98.3)	671	94.8 (87.6–102.0)	739	96.3 (89.4–103.3)	825	99.7 (92.9–106.5)	998	111.8 (104.8–118.7)

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Supplementary Table 10. Continued

2017		2018		2019		2020	
No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
70,329	141.0 (139.9–142.0)	67,102	133.9 (132.9–134.9)	67,037	132.1 (131.1–133.1)	61,798	121.7 (120.8–122.7)
602	13.7 (12.6–14.8)	437	10.2 (9.25–11.2)	429	10.3 (9.36–11.3)	357	9.01 (8.07–9.94)
10,691	208.5 (204.6–212.5)	9,274	186.5 (182.7–190.3)	8,631	178.9 (175.2–182.7)	7,963	170.5 (166.7–174.2)
16,857	244.6 (240.9–248.3)	15,809	228.9 (225.4–232.5)	15,279	220.3 (216.8–223.7)	14,186	205.6 (202.2–209.0)
9,946	132.0 (129.4–134.6)	9,505	127.5 (124.9–130.1)	9,347	127.5 (124.9–130.1)	8,580	120.2 (117.7–122.8)
9,314	107.9 (105.7–110.1)	8,886	105.3 (103.1–107.5)	8,917	106.1 (103.9–108.3)	8,072	96.9 (94.8–99.0)
9,492	114.0 (111.7–116.3)	9,298	109.7 (107.5–112.0)	9,548	111.1 (108.9–113.4)	8,650	100.9 (98.7–103.0)
7,111	130.0 (126.9–133.0)	7,355	127.6 (124.7–130.5)	7,799	127.1 (124.3–129.9)	7,544	115.0 (112.4–117.6)
4,903	156.4 (152.0–160.8)	4,998	153.7 (149.5–158.0)	5,411	161.6 (157.3–165.9)	4,906	142.4 (138.4–146.4)
1,413	98.8 (93.7–104.0)	1,540	100.2 (95.2–105.2)	1,676	100.5 (95.7–105.3)	1,540	86.8 (82.5–91.2)
29,451	117.4 (116.0–118.7)	28,450	113.0 (111.7–114.3)	28,089	110.0 (108.8–111.3)	26,123	102.5 (101.3–103.8)
324	14.3 (12.8–15.9)	221	10.0 (8.70–11.4)	232	10.9 (9.46–12.3)	170	8.36 (7.11–9.62)
5,190	194.5 (189.2–199.8)	4,596	178.0 (172.9–183.2)	4,157	166.3 (161.2–171.3)	3,773	156.1 (151.1–161.1)
7,610	208.4 (203.7–213.0)	7,417	202.7 (198.1–207.3)	6,925	188.2 (183.8–192.7)	6,488	178.0 (173.6–182.3)
3,941	101.3 (98.1–104.4)	3,871	100.5 (97.4–103.7)	3,895	102.3 (99.1–105.5)	3,701	99.6 (96.4–102.8)
3,501	79.7 (77.1–82.3)	3,364	78.1 (75.5–80.7)	3,315	77.1 (74.5–79.8)	3,094	72.7 (70.1–75.2)
3,540	84.8 (82.0–87.6)	3,437	81.0 (78.3–83.7)	3,601	83.6 (80.8–86.3)	3,271	75.9 (73.3–78.5)
2,904	108.9 (104.9–112.8)	2,970	105.7 (101.9–109.5)	3,088	103.2 (99.6–106.9)	2,991	93.7 (90.3–97.0)
1,965	141.1 (134.9–147.3)	2,035	139.7 (133.6–145.8)	2,259	149.5 (143.3–155.7)	2,093	133.8 (128.1–139.5)
476	100.9 (91.8–109.9)	539	104.5 (95.6–113.3)	617	108.5 (99.9–117.1)	542	88.5 (81.0–96.0)
40,878	164.6 (163.0–166.2)	38,652	154.9 (153.4–156.5)	38,948	154.3 (152.8–155.8)	35,675	141.0 (139.6–142.5)
278	13.0 (11.4–14.5)	216	10.3 (8.96–11.7)	197	9.73 (8.37–11.1)	187	9.68 (8.29–11.1)
5,501	223.7 (217.7–229.6)	4,678	195.6 (190.0–201.2)	4,474	192.5 (186.9–198.2)	4,190	185.9 (180.3–191.5)
9,247	285.3 (279.5–291.1)	8,392	258.5 (253.0–264.0)	8,354	256.4 (250.9–261.9)	7,698	236.6 (231.3–241.8)
6,005	164.8 (160.6–169.0)	5,634	156.3 (152.2–160.4)	5,452	154.7 (150.6–158.8)	4,879	142.6 (138.6–146.6)
5,813	137.2 (133.7–140.8)	5,522	133.6 (130.0–137.1)	5,602	136.3 (132.7–139.8)	4,978	122.2 (118.8–125.6)
5,952	143.4 (139.7–147.0)	5,861	138.5 (135.0–142.1)	5,947	138.9 (135.4–142.4)	5,379	126.2 (122.8–129.5)
4,207	150.0 (145.5–154.6)	4,385	148.5 (144.1–152.9)	4,711	149.8 (145.5–154.1)	4,553	135.3 (131.4–139.3)
2,938	168.7 (162.6–174.8)	2,963	165.1 (159.1–171.0)	3,152	171.5 (165.5–177.5)	2,813	149.5 (144.0–155.0)
937	97.8 (91.6–104.1)	1,001	98.1 (92.0–104.1)	1,059	96.3 (90.5–102.1)	998	85.9 (80.6–91.2)

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

^{a)}Age-standardized prevalence rates of temporomandibular joint disorder, unspecified (ICD-10: K07.69) were calculated using age groups according to the direct method using the estimated Korean population in 2020 as a reference.