

Supplementary Table 3. Age-standardized prevalence^{a)} and 95% CI of snapping jaw (ICD-10: K07.61) 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	15,996	31.6 (31.1–32.1)	16,259	32.0 (31.5–32.5)	17,193	33.8 (33.2–34.3)	17,348	34.2 (33.7–34.7)	17,243	33.5 (33.0–34.0)
0–9 years old	123	2.66 (2.19–3.13)	111	2.43 (1.98–2.89)	122	2.68 (2.21–3.16)	128	2.81 (2.32–3.30)	110	2.38 (1.94–2.83)
10–19 years old	4,203	68.1 (66.0–70.1)	4,380	73.2 (71.0–75.4)	4,448	77.2 (74.9–79.4)	4,328	78.8 (76.5–81.1)	4,291	78.3 (76.0–80.7)
20–29 years old	4,707	70.4 (68.3–72.4)	4,740	71.1 (69.1–73.1)	4,940	73.4 (71.4–75.5)	5,113	75.4 (73.3–77.4)	5,206	76.0 (74.0–78.1)
30–39 years old	2,594	31.6 (30.4–32.9)	2,503	31.0 (29.8–32.2)	2,565	32.4 (31.2–33.7)	2,507	32.2 (30.9–33.5)	2,233	29.1 (27.9–30.3)
40–49 years old	1,660	19.2 (18.3–20.1)	1,649	18.8 (17.9–19.7)	1,801	20.5 (19.5–21.4)	1,798	20.6 (19.6–21.5)	1,777	20.4 (19.5–21.4)
50–59 years old	1,432	18.9 (18.0–19.9)	1,476	18.9 (17.9–19.9)	1,694	21.1 (20.1–22.1)	1,690	20.8 (19.8–21.8)	1,731	21.0 (20.0–22.0)
60–69 years old	752	18.1 (16.8–19.4)	813	18.9 (17.6–20.2)	924	20.4 (19.1–21.7)	1,046	21.4 (20.1–22.7)	1,145	22.1 (20.8–23.4)
70–79 years old	447	16.4 (14.9–17.9)	501	17.7 (16.1–19.2)	586	20.1 (18.5–21.7)	627	21.4 (19.7–23.1)	593	19.8 (18.2–21.4)
Over 80 years	78	8.21 (6.38–10.0)	86	8.37 (6.59–10.1)	113	10.1 (8.22–11.9)	111	9.09 (7.39–10.8)	157	11.8 (10.0–13.7)
Male	6,129	24.0 (23.4–24.6)	6,260	24.4 (23.7–25.0)	6,712	26.0 (25.4–26.7)	6,865	26.8 (26.2–27.5)	6,748	26.0 (25.4–26.6)
0–9 years old	50	2.10 (1.52–2.69)	51	2.15 (1.56–2.75)	59	2.49 (1.85–3.14)	66	2.79 (2.11–3.47)	51	2.15 (1.56–2.75)
10–19 years old	1,714	52.7 (50.2–55.2)	1,808	57.6 (54.9–60.2)	1,932	64.0 (61.2–66.9)	1,856	64.7 (61.8–67.7)	1,832	64.3 (61.3–67.2)
20–29 years old	1,844	52.7 (50.3–55.1)	1,858	53.0 (50.6–55.4)	1,972	55.5 (53.0–57.9)	2,024	56.3 (53.9–58.8)	2,024	55.8 (53.3–58.2)
30–39 years old	949	22.6 (21.2–24.0)	928	22.4 (20.9–23.8)	952	23.4 (21.9–24.9)	938	23.4 (21.9–24.9)	854	21.6 (20.1–23.0)
40–49 years old	626	14.2 (13.1–15.3)	613	13.7 (12.6–14.8)	679	15.1 (14.0–16.3)	692	15.5 (14.4–16.7)	630	14.2 (13.1–15.3)
50–59 years old	491	13.0 (11.8–14.1)	529	13.5 (12.3–14.6)	559	13.9 (12.7–15.0)	631	15.5 (14.3–16.7)	638	15.4 (14.2–16.6)
60–69 years old	291	14.5 (12.8–16.2)	292	14.0 (12.4–15.6)	346	15.6 (14.0–17.3)	390	16.4 (14.8–18.1)	454	18.0 (16.3–19.6)
70–79 years old	141	12.0 (10.0–14.0)	155	12.6 (10.6–14.6)	168	13.3 (11.3–15.3)	225	17.5 (15.2–19.8)	212	16.1 (13.9–18.2)
Over 80 years	23	7.97 (4.70–11.2)	26	8.13 (4.96–11.3)	45	12.8 (9.07–16.6)	43	10.9 (7.63–14.3)	53	12.2 (8.87–15.5)
Female	9,867	39.1 (38.4–39.9)	9,999	39.6 (38.8–40.4)	10,481	41.5 (40.7–42.3)	10,483	41.6 (40.8–42.4)	10,495	41.0 (40.2–41.8)
0–9 years old	73	3.24 (2.49–4.00)	60	2.68 (1.99–3.36)	63	2.83 (2.12–3.54)	62	2.78 (2.08–3.48)	59	2.63 (1.95–3.30)
10–19 years old	2,489	85.1 (81.8–88.5)	2,572	90.5 (87.0–94.0)	2,516	91.5 (88.0–95.1)	2,472	94.1 (90.4–97.8)	2,459	93.6 (89.9–97.3)
20–29 years old	2,863	89.8 (86.5–93.1)	2,882	91.2 (87.9–94.5)	2,968	93.5 (90.1–96.9)	3,089	96.8 (93.4–100.2)	3,182	98.9 (95.4–102.3)
30–39 years old	1,645	41.2 (39.2–43.2)	1,575	40.1 (38.1–42.1)	1,613	42.0 (39.9–44.0)	1,569	41.6 (39.5–43.6)	1,379	37.1 (35.1–39.1)
40–49 years old	1,034	24.5 (23.0–26.0)	1,036	24.1 (22.7–25.6)	1,122	26.0 (24.5–27.5)	1,106	25.8 (24.3–27.3)	1,147	26.8 (25.3–28.4)
50–59 years old	941	24.9 (23.3–26.5)	947	24.3 (22.8–25.9)	1,135	28.3 (26.7–30.0)	1,059	26.1 (24.5–27.7)	1,093	26.6 (25.0–28.2)
60–69 years old	461	21.6 (19.6–23.5)	521	23.6 (21.5–25.6)	578	24.9 (22.8–26.9)	656	26.1 (24.1–28.2)	691	25.9 (24.0–27.9)
70–79 years old	306	19.6 (17.4–21.8)	346	21.5 (19.2–23.7)	418	25.3 (22.9–27.8)	402	24.4 (22.0–26.8)	381	22.7 (20.4–25.0)
Over 80 years	55	8.33 (6.12–10.5)	60	8.40 (6.26–10.6)	68	8.79 (6.69–10.9)	68	8.17 (6.22–10.1)	104	11.6 (9.36–13.8)

(Continued to the next page)

Supplementary Table 3. Continued

2017		2018		2019		2020	
No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
16,939	33.3 (32.8–33.8)	16,063	31.6 (31.1–32.1)	15,770	30.8 (30.3–31.3)	15,942	31.4 (30.9–31.8)
110	2.48 (2.02–2.95)	110	2.56 (2.08–3.04)	84	2.01 (1.57–2.44)	99	2.48 (1.99–2.98)
3,869	75.4 (73.1–77.8)	3,506	70.5 (68.2–72.8)	3,300	68.4 (66.1–70.7)	3,397	72.7 (70.3–75.2)
5,141	74.6 (72.5–76.6)	4,762	69.0 (67.0–70.9)	4,599	66.3 (64.4–68.2)	4,673	67.7 (65.8–69.7)
2,328	30.9 (29.6–32.1)	2,234	30.0 (28.7–31.2)	2,252	30.7 (29.4–32.0)	2,114	29.6 (28.4–30.9)
1,794	20.8 (19.8–21.7)	1,681	19.9 (19.0–20.9)	1,669	19.8 (18.9–20.8)	1,697	20.4 (19.4–21.3)
1,703	20.4 (19.5–21.4)	1,697	20.0 (19.1–21.0)	1,711	19.9 (19.0–20.9)	1,772	20.7 (19.7–21.6)
1,212	22.1 (20.9–23.4)	1,242	21.5 (20.3–22.7)	1,305	21.3 (20.1–22.4)	1,378	21.0 (19.9–22.1)
639	20.4 (18.8–21.9)	667	20.5 (18.9–22.1)	673	20.1 (18.6–21.6)	622	18.1 (16.6–19.5)
143	10.0 (8.34–11.6)	164	10.7 (9.02–12.3)	177	10.6 (9.04–12.2)	190	10.7 (9.18–12.2)
6,790	26.5 (25.9–27.2)	6,508	25.5 (24.8–26.1)	6,327	24.6 (24.0–25.2)	6,423	25.2 (24.6–25.8)
55	2.40 (1.75–3.04)	49	2.20 (1.58–2.83)	38	1.76 (1.19–2.33)	40	1.96 (1.35–2.57)
1,714	64.3 (61.2–67.3)	1,578	61.1 (58.1–64.1)	1,457	58.3 (55.3–61.3)	1,497	61.9 (58.8–65.1)
2,109	57.7 (55.3–60.2)	2,020	55.2 (52.8–57.6)	1,961	53.3 (50.9–55.7)	1,878	51.5 (49.2–53.8)
858	22.0 (20.6–23.5)	864	22.4 (20.9–23.9)	854	22.4 (20.9–23.9)	841	22.6 (21.1–24.2)
679	15.5 (14.3–16.6)	628	14.6 (13.4–15.7)	619	14.4 (13.3–15.5)	656	15.4 (14.2–16.6)
632	15.1 (13.9–16.3)	606	14.3 (13.1–15.4)	603	14.0 (12.9–15.1)	672	15.6 (14.4–16.7)
474	17.8 (16.2–19.4)	486	17.3 (15.8–18.8)	487	16.3 (14.8–17.7)	538	16.8 (15.4–18.2)
220	15.8 (13.7–17.8)	227	15.6 (13.5–17.6)	256	16.9 (14.8–19.0)	231	14.7 (12.8–16.6)
49	10.3 (7.41–13.2)	50	9.69 (7.01–12.4)	52	9.07 (6.58–11.6)	70	11.4 (8.73–14.1)
10,149	40.1 (39.3–40.9)	9,555	37.8 (37.0–38.5)	9,443	37.1 (36.3–37.8)	9,519	37.6 (36.8–38.3)
55	2.52 (1.84–3.20)	61	2.88 (2.15–3.62)	46	2.27 (1.61–2.92)	59	3.04 (2.26–3.82)
2,155	87.6 (83.9–91.3)	1,928	80.6 (77.0–84.2)	1,843	79.3 (75.7–82.9)	1,900	84.3 (80.5–88.1)
3,032	93.6 (90.2–96.9)	2,742	84.5 (81.3–87.6)	2,638	81.0 (77.9–84.0)	2,795	85.9 (82.7–89.1)
1,470	40.3 (38.3–42.4)	1,370	38.0 (36.0–40.0)	1,398	39.7 (37.6–41.7)	1,273	37.2 (35.2–39.3)
1,115	26.3 (24.8–27.9)	1,053	25.5 (23.9–27.0)	1,050	25.5 (24.0–27.1)	1,041	25.6 (24.0–27.1)
1,071	25.8 (24.2–27.3)	1,091	25.8 (24.3–27.3)	1,108	25.9 (24.4–27.4)	1,100	25.8 (24.3–27.3)
738	26.3 (24.4–28.2)	756	25.6 (23.8–27.4)	818	26.0 (24.2–27.8)	840	25.0 (23.3–26.7)
419	24.0 (21.7–26.3)	440	24.5 (22.2–26.8)	417	22.7 (20.5–24.9)	391	20.8 (18.7–22.8)
94	9.81 (7.82–11.8)	114	11.1 (9.08–13.2)	125	11.4 (9.37–13.4)	120	10.3 (8.42–12.1)

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

^{a)}Age-standardized prevalence rates of snapping jaw (ICD-10: K07.61) were calculated using age groups according to the direct method using the estimated Korean population in 2020 as a reference.