

Table S1. Inflow and outflow indices for regional healthcare utilization by oral disease (2022)

	K02 (Dental caries)			K04 (Diseases of pulp and periapical tissues)			K05 (Gingivitis and periodontal diseases)			K08 (Other disorders of teeth and supporting structures)			S02 (Fracture of skull and facial bones)		
	R ¹⁾	V ²⁾	V/R ³⁾	R ¹⁾	V ²⁾	V/R ³⁾	R ¹⁾	V ²⁾	V/R ³⁾	R ¹⁾	V ²⁾	V/R ³⁾	R ¹⁾	V ²⁾	V/R ³⁾
	Total (N)[†]	10,471,586	10,471,586		11,169,207	11,169,207		38,599,493	38,599,493		4,063,486	4,063,486		1,441,467	1,441,467
Si															
Seoul	1,954,310	2,178,158	1.11	2,002,013	2,283,199	1.14	8,283,964	9,745,064	1.18	704,421	844,722	1.20	318,073	275,436	1.15
Busan	612,933	625,724	1.02	800,189	815,072	1.02	2,565,586	2,657,321	1.04	304,023	315,726	1.04	94,770	91,746	1.03
Daegu	496,802	529,522	1.07	566,614	621,181	1.10	1,507,790	1,661,978	1.10	171,759	195,550	1.14	75,245	65,487	1.15
Incheon	581,785	547,805	0.94	631,219	598,126	0.95	2,391,340	2,242,179	0.94	211,960	200,463	0.95	67,707	74,682	0.91
Gwangju	335,475	375,349	1.12	341,724	389,565	1.14	1,076,144	1,248,381	1.16	90,598	109,471	1.21	59,011	48,819	1.21
Daejeon	285,837	314,837	1.10	294,061	326,029	1.11	1,023,255	1,149,270	1.12	97,494	115,474	1.18	55,029	46,560	1.18
Ulsan	233,752	234,840	1.00	259,106	263,363	1.02	749,785	763,194	1.02	71,978	72,521	1.01	30,462	29,916	1.02
Sejong	109,993	104,351	0.95	66,218	55,962	0.85	260,339	215,935	0.83	18,379	15,107	0.82	8,378	11,121	0.75
Do															
Gyeonggi	2,823,003	2,680,585	0.95	2,761,499	2,573,224	0.93	10,664,398	9,745,381	0.91	911,494	831,256	0.91	334,656	364,633	0.92
Gangwon	284,569	273,290	0.96	324,393	309,855	0.96	978,269	877,643	0.90	154,478	142,806	0.92	36,635	37,470	0.98
Chungbuk	309,790	298,969	0.97	337,505	325,698	0.97	1,117,062	1,061,468	0.95	147,362	140,031	0.95	40,054	42,383	0.95
Chungnam	443,616	416,705	0.94	447,011	421,904	0.94	1,443,519	1,302,926	0.90	197,710	178,091	0.90	58,305	62,386	0.93
Jeonbuk	381,533	377,522	0.99	428,122	417,753	0.98	1,224,954	1,183,956	0.97	178,850	173,192	0.97	63,955	64,397	0.99
Jeonnam	354,515	313,121	0.88	453,065	403,848	0.89	1,206,635	1,009,299	0.84	199,591	175,150	0.88	48,815	59,559	0.82
Gyeongbuk	482,341	443,585	0.92	590,898	529,998	0.90	1,512,444	1,286,143	0.85	271,148	239,791	0.88	54,327	65,102	0.83
Gyeongnam	624,610	604,449	0.97	690,540	662,794	0.96	2,155,267	2,036,156	0.94	285,175	269,111	0.94	78,765	83,945	0.94
Jeju	156,722	152,774	0.97	175,030	171,636	0.98	438,742	413,199	0.94	47,066	45,024	0.96	17,280	17,825	0.97

1) R: Amount of healthcare utilization that residing in the region

2) V: Amount of healthcare utilization that visiting from hospitals in the region

3) V/R: Inflow and outflow index

[†]Amount of healthcare utilization: number of days for inpatient and outpatient visits for oral diseases