

**Supplementary Table 1.** Status of health insurance subscribers and beneficiaries per 1,000 people according to annual health insurance statistics (2009~2015)

Year	Total health care	National health insurance			Medical benefit
		Total	Workplace subscribers	Local subscriber	
2009	50,291	48,614	31,413	14,201	1,677
2010	50,581	48,907	32,384	16,523	1,674
2011	50,909	49,299	33,257	16,043	1,609
2012	51,169	49,662	34,106	15,556	1,507
2013	51,448	49,990	35,006	14,984	1,459
2014	51,757	50,316	35,602	14,715	1,441
2015	52,034	50,490	36,225	14,265	1,544

Values are presented as number only.

**Supplementary Table 2.** Gout Prevalence Changes by Age and sex in 2002 ~ 2015 (prevalence per 100,000)

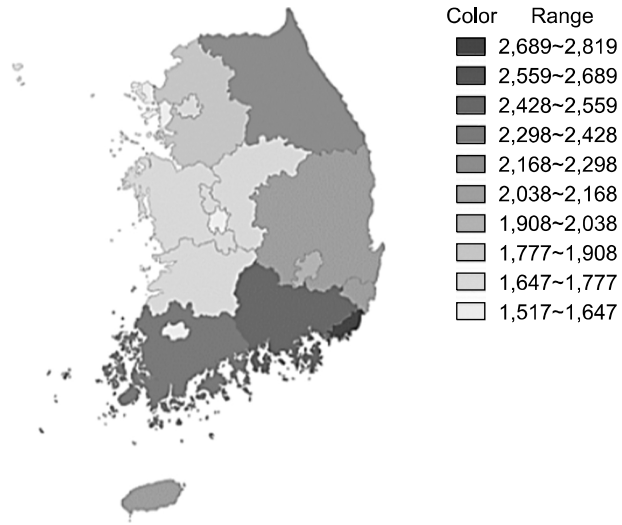
	Age (yr)	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total	20~29	105	130	147	167	181	194	216	233	263	291	320	379	422	486
	30~39	255	320	371	414	451	484	526	568	642	697	781	912	980	1,098
	40~49	427	544	627	697	772	828	909	966	1,059	1,141	1,259	1,448	1,554	1,697
	50~59	505	650	763	915	1,046	1,156	1,317	1,467	1,709	1,933	2,203	2,545	2,726	2,972
	60~69	783	978	1,103	1,243	1,393	1,538	1,730	1,889	2,097	2,247	2,531	2,946	3,262	3,754
	70~79	543	682	821	1,014	1,253	1,453	1,687	1,953	2,242	2,528	2,981	3,423	3,725	4,069
	≥80	309	407	498	619	809	957	1,176	1,404	1,702	1,937	2,380	2,878	3,416	4,045
Male	20~29	134	170	196	229	257	281	317	343	393	429	469	540	611	707
	30~39	381	483	566	641	716	784	856	931	1,048	1,148	1,273	1,444	1,572	1,769
	40~49	640	817	951	1,071	1,199	1,308	1,441	1,544	1,688	1,820	1,994	2,234	2,416	2,641
	50~59	755	965	1,152	1,389	1,622	1,812	2,051	2,293	2,645	2,971	3,320	3,705	3,981	4,314
	60~69	1,246	1,555	1,786	2,033	2,295	2,550	2,861	3,118	3,445	3,663	4,073	4,567	5,052	5,790
	70~79	963	1,219	1,494	1,876	2,297	2,695	3,116	3,592	4,129	4,649	5,384	6,031	6,520	7,073
	≥80	750	984	1,198	1,511	1,908	2,253	2,729	3,244	3,881	4,340	5,285	6,300	7,389	8,691
Female	19~29	74	88	95	100	98	100	108	115	123	142	160	206	219	248
	30~39	123	150	169	177	176	172	183	189	219	229	270	359	364	399
	40~49	206	262	291	310	330	331	358	367	408	438	498	634	662	720
	50~59	254	335	371	440	468	499	580	637	769	891	1,082	1,381	1,466	1,625
	60~69	362	454	483	525	575	619	705	774	874	962	1,132	1,476	1,639	1,907
	70~79	257	315	362	427	541	607	713	835	957	1,082	1,343	1,646	1,820	2,023
	≥80	131	174	214	258	365	432	548	660	820	964	1,205	1,493	1,808	2,164

Values are presented as number only.

**Supplementary Table 3.** Yearly gout prevalence by region in 2002~2015 (prevalence per 100,000)

Region	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Total	388	491	569	655	743	817	918	1,009	1,143	1,259	1,428	1,656	1,801	2,005
Seoul	376	472	590	674	711	821	929	1,012	1,097	1,198	1,345	1,460	1,525	1,704
Busan	470	563	653	741	810	993	1,086	1,129	1,324	1,500	1,785	2,474	2,602	2,819
Daegu	360	469	555	634	688	782	865	938	1,048	1,185	1,317	1,615	1,756	1,961
Incheon	278	374	412	467	519	626	717	820	959	1,019	1,189	1,347	1,494	1,633
Gwangju	404	540	651	729	722	825	941	984	1,113	1,175	1,341	1,461	1,531	1,639
Daejeon	323	433	550	584	614	717	783	876	933	1,058	1,227	1,307	1,428	1,518
Ulsan	326	447	552	640	674	728	847	959	1,197	1,478	1,472	1,820	1,960	2,137
Gyeonggi-do	347	434	466	545	602	700	807	913	1,057	1,186	1,356	1,511	1,678	1,903
Gangwon-do	338	487	572	679	734	896	1,021	1,156	1,369	1,562	1,757	1,932	2,161	2,276
Chungcheongbuk-do	305	391	427	480	519	652	753	796	917	1,024	1,193	1,399	1,538	1,737
Chungcheongnam-do	372	454	542	618	663	771	933	985	1,109	1,181	1,274	1,397	1,553	1,734
Jeollabuk-do	578	737	796	866	933	888	911	989	1,092	1,137	1,288	1,433	1,598	1,755
Jeollanam-do	555	684	834	965	1,050	1,212	1,328	1,431	1,609	1,688	1,853	2,098	2,214	2,400
Gyeongsangbuk-do	376	488	546	611	697	809	893	988	1,113	1,205	1,393	1,696	1,888	2,087
Gyeongsangnam-do	456	574	642	740	824	976	1,069	1,221	1,393	1,510	1,714	2,095	2,210	2,524
Jeju-do	413	501	587	696	758	880	953	1,066	1,186	1,281	1,482	1,681	1,865	2,110

Values are presented as number only.



**Supplementary Figure 1.** Geographic variation in the prevalence of gout in 2015.