

**Supplementary Table 3. The number of claims for emergency department visits and outpatient visits due to gout per 100,000 persons**

	2010	2011	2012	2013	2014	2015	2016	2017	$\rho$ for trend
ED visit									
Overall	6.98	8.58	10.23	12.54	14.26	15.34	26.7	31.77	< 0.001
Sex									
Male	13.26	16.2	19.46	23.88	27.47	29.65	51.95	62.01	< 0.001
Female	0.86	1.15	1.21	1.45	1.33	1.32	1.99	2.13	0.009
Age group, yr									
20–29	3.13	4.03	4.69	5.55	6.28	6.32	10.05	11.84	< 0.001
30–39	7	9.53	11.84	15.97	19.07	22.2	36.79	44.41	< 0.001
40–49	8.05	9.82	11.05	13.93	18.54	16.98	32.58	41.9	0.001
50–59	7.61	8.79	12.69	13.35	12.91	15.8	28.94	34.81	0.001
60–69	8.06	9.27	8.93	12.11	13.42	14.94	23.41	24.6	0.001
≥ 70	9.52	10.74	11.12	12.96	12.33	13.3	22.93	24.93	0.001
Outpatient visits									
Overall	2,441.9	2,597.83	3,059.57	3,276.86	3,342.42	3,551.94	3,823.47	3,930.2	< 0.001
Sex									
Male	4,653.09	4,962.94	5,844.74	6,257.76	6,382.89	6,801.57	7,313.82	7,528.57	< 0.001
Female	285.65	290.14	350.39	364.04	368.03	369.99	403.71	403.56	0.001
Age group, yr									
20–29	464.03	518.8	654.09	737.02	794.7	880.69	1,021.21	1,128.79	< 0.001
30–39	1,493.95	1,676.16	2,091.33	2,392.04	2,583.97	2,922.66	3,314.57	3,652.5	< 0.001
40–49	2,407.33	2,545.97	3,047.51	3,254.87	3,361.96	3,638.99	3,992.67	4,207.54	< 0.001
50–59	3,481.21	3,584.63	4,059.35	4,234	4,147.25	4,249	4,499.35	4,509.29	0.001
60–69	4,521.83	4,623.93	5,198.93	5,268.96	5,197.81	5,335.37	5,462.25	5,287.12	0.018
≥ 70	4,297.54	4,409.96	4,965.54	5,195.04	5,141.05	5,244.17	5,370.52	5,255.22	0.004

$\rho$  for trend was analyzed using the Mann-Kendall trend test.

ED, emergency department.