

Supplemental Table 5. Korean Healthy Eating Index (KHEI) according to regional food security status and participant characteristics

Food secure population (range, %)	Metropolitan cities					Provinces				
	Low (50.3–54.3)	Middle (55.3–57.2)	High (59.4–63.0)	<i>p</i>	Adjusted <i>p</i>	Low (49.4–49.5)	Middle (54.9–56.0)	High (59.2–60.6)	<i>p</i>	Adjusted <i>p</i>
Age, years										
20–39	58.2 ± 0.60	58.2 ± 0.50	58.1 ± 0.26	0.77	0.94	59.6 ± 0.88	57.6 ± 0.70	59.2 ± 0.86	0.99	0.92
40–59	65.3 ± 0.44	63.7 ± 0.50	64.9 ± 0.22	0.94	0.68	64.7 ± 0.72	63.4 ± 0.45	65.2 ± 0.52	0.34	0.31
≥ 60	66.6 ± 0.48	67.9 ± 0.6	68.6 ± 0.29	0.0006	0.006	64.9 ± 0.61	65.1 ± 0.46	64.9 ± 0.62	0.95	0.70
Personal education status										
Low	63.4 ± 0.55	63.9 ± 0.61	64.5 ± 0.31	0.09	0.03	63.6 ± 0.61	62.2 ± 0.50	62.6 ± 0.59	0.34	0.29
Middle	61.0 ± 0.54	61.3 ± 0.59	61.4 ± 0.29	0.58	0.35	62.2 ± 0.80	61.4 ± 0.57	62.5 ± 0.74	0.63	0.88
High	64.1 ± 0.46	63.2 ± 0.56	63.4 ± 0.22	0.23	0.67	63.7 ± 0.76	62.6 ± 0.62	64.4 ± 0.55	0.27	0.28
Personal income										
Low	61.6 ± 0.78	61.5 ± 0.68	62.5 ± 0.42	0.20	0.16	61.4 ± 0.70	60.5 ± 0.61	60.8 ± 0.80	0.64	0.49
Lower middle	61.8 ± 0.61	62.2 ± 0.61	62.1 ± 0.31	0.66	0.40	62.7 ± 0.87	61.8 ± 0.64	62.9 ± 0.73	0.74	0.86
Upper middle	62.9 ± 0.58	62.2 ± 0.63	62.6 ± 0.30	0.86	0.36	63.6 ± 0.86	62.3 ± 0.56	63.3 ± 0.68	0.94	0.79
High	64.6 ± 0.61	64.0 ± 0.62	63.7 ± 0.29	0.16	0.13	64.8 ± 0.97	63.4 ± 0.67	65.2 ± 0.70	0.52	0.53
Household type										
One-person household	60.7 ± 0.88	61.2 ± 0.89	59.0 ± 0.51	0.047	0.87	60.2 ± 0.89	59.6 ± 0.82	60.3 ± 1.21	0.88	0.78
Multiple-person household	63.1 ± 0.37	62.7 ± 0.38	63.2 ± 0.18	0.59	0.28	63.5 ± 0.56	62.4 ± 0.39	63.6 ± 0.43	0.70	0.85

Values are expressed as mean ± SE. Weights were applied to account for the complex survey design. Adjusted p-values were adjusted for participant age, sex, disease, physical activity, BMI, and education. Age was not adjusted for in analyses by age group. Metropolitan cities were classified as low (Gwangju, Pusan, and Daejeon), middle (Incheon and Daegu), and high (Gyeonggi-do, Seoul, and Ulsan). Provinces were categorized into low (Jeollabuk-do and Jeollanam-do), middle (Chungcheongnam-do, Chungcheongbuk-do, and Gangwon-do), and high (Jeju-do, Chungcheongbuk-do, and Gyeongsangnam-do)