

Supplementary Table 2. Korean obesity index standard reference in Kyung-Nam

Sex	Age (yr)	Sample size (No.)	Mean (mean)	Uncertainty (kg/m ²)	CI (95%)		Percentile								
					Lower	Upper	1th	5th	10th	25th	50th	75th	90th	95th	99th
Female	20-24	14,107	21.47	0.84	17.36	28.34	16.2	17.4	18.0	19.1	20.8	22.9	25.9	28.3	33.6
	25-26	10,495	21.34	0.84	17.36	27.89	16.2	17.4	18.0	19.1	20.6	22.7	25.6	27.9	33.6
	27-28	10,212	21.42	0.84	17.47	28.23	16.4	17.5	18.1	19.2	20.7	22.8	25.8	28.2	33.6
	29-30	10,755	21.63	0.84	17.47	28.69	16.4	17.5	18.1	19.3	20.8	23.1	26.1	28.7	34.4
	31-32	9,938	21.93	0.86	17.63	28.98	16.4	17.6	18.3	19.5	21.2	23.4	26.6	29.0	34.8
	33-34	11,827	22.07	0.86	17.72	29.03	16.5	17.7	18.4	19.7	21.4	23.7	26.6	29.0	34.1
	35-36	12,359	22.20	0.86	17.87	29.05	16.7	17.9	18.6	19.8	21.5	23.7	26.9	29.1	34.2
	37-38	11,684	22.38	0.86	18.03	29.04	16.8	18.0	18.7	19.9	21.7	24.0	27.0	29.0	34.2
	39-40	29,844	22.71	0.88	18.20	29.62	16.9	18.2	18.9	20.2	22.0	24.5	27.4	29.6	34.2
	41-42	31,566	22.81	0.88	18.37	29.41	17.1	18.4	19.1	20.4	22.2	24.5	27.3	29.4	33.9
	43-44	32,105	22.98	0.88	18.59	29.38	17.3	18.6	19.3	20.7	22.4	24.7	27.4	29.4	33.5
	45-46	33,629	23.20	0.90	18.82	29.33	17.4	18.8	19.6	21.0	22.7	24.9	27.5	29.3	33.3
	47-48	33,204	23.37	0.90	19.03	29.34	17.7	19.0	19.7	21.1	22.9	25.1	27.6	29.3	33.3
	49-50	30,215	23.50	0.90	19.15	29.34	17.7	19.1	19.9	21.3	23.1	25.2	27.6	29.3	32.9
	51-52	29,369	23.55	0.90	19.15	29.32	17.7	19.1	20.0	21.4	23.1	25.2	27.6	29.3	33.2
	53-54	35,495	23.63	0.92	19.29	29.21	17.7	19.3	20.1	21.5	23.2	25.3	27.6	29.2	32.8
	55-56	36,181	23.78	0.92	19.38	29.38	17.9	19.4	20.2	21.6	23.4	25.5	27.8	29.4	32.9
	57-58	31,874	23.91	0.92	19.40	29.43	17.8	19.4	20.3	21.8	23.6	25.7	27.9	29.4	32.9
	59-60	30,970	24.13	0.94	19.56	29.64	17.9	19.6	20.5	22.1	23.8	25.9	28.1	29.6	32.9
	61-62	25,151	24.29	0.94	19.63	29.74	17.9	19.6	20.5	22.2	24.0	26.1	28.3	29.7	33.3
	63-64	23,568	24.37	0.96	19.74	29.86	17.9	19.7	20.7	22.3	24.1	26.2	28.3	29.9	33.3
	65-66	20,671	24.48	0.96	19.72	29.97	17.9	19.7	20.7	22.4	24.2	26.3	28.4	30.0	33.3
	67-68	18,692	24.44	0.96	19.71	29.90	17.7	19.7	20.7	22.4	24.2	26.3	28.4	29.9	32.9
	69-70	12,840	24.44	0.96	19.48	29.90	17.5	19.5	20.5	22.3	24.3	26.4	28.5	29.9	33.2
71-72	13,643	24.32	0.98	19.40	29.90	17.5	19.4	20.4	22.2	24.1	26.2	28.4	29.9	33.2	
73-74	13,781	24.24	0.98	19.22	29.73	17.3	19.2	20.3	22.1	24.1	26.2	28.4	29.7	32.8	
75	32,785	23.54	1.00	18.22	29.33	16.2	18.2	19.3	21.2	23.4	25.7	27.9	29.3	32.4	

Body Mass Index (kg/m², uncertainty: k = 2, Confidence Interval [CI]: 95%).