

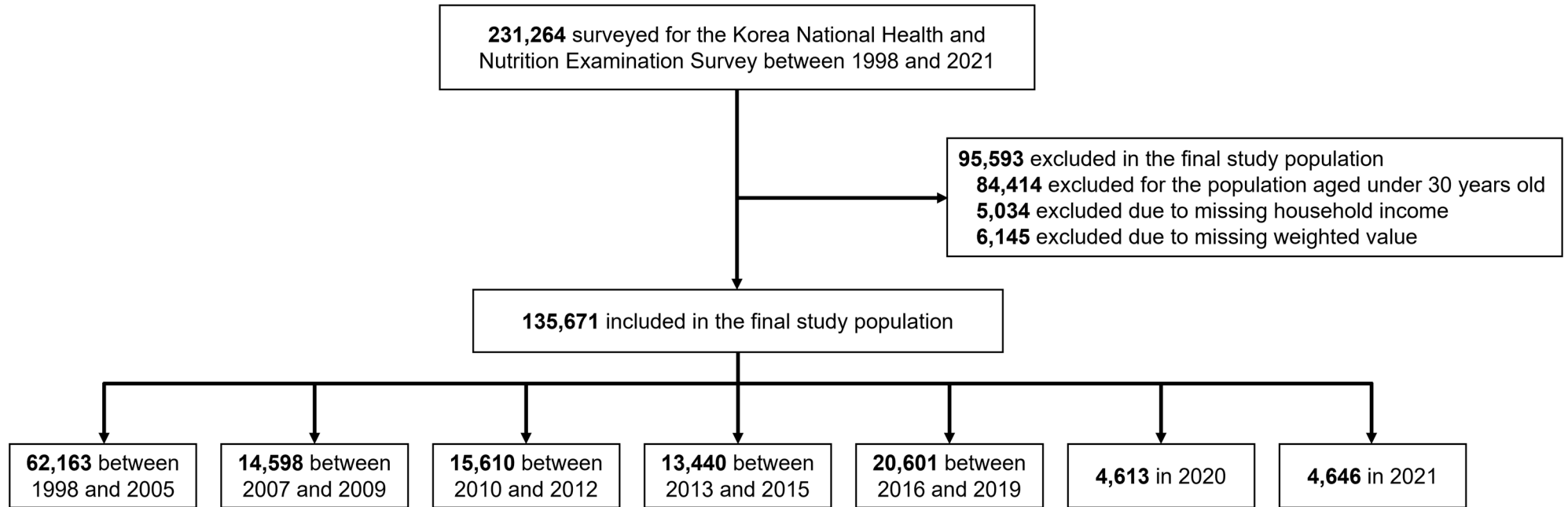
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5 **Figure S1.** Study population



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8 **Table S1.** Weighted odds ratios before and during the pandemic (OR [95% CI]) based on data obtained from the KNHANES

Variables	2007–2009 versus 1998–2005 (reference)		2010–2012 versus 2007–2009 (reference)		2013–2015 versus 2010–2012 (reference)		2016–2019 versus 2013–2015 (reference)		2020 versus 2016–2019 (reference)		2021 versus 2020 (reference)	
	Weighted OR (95% CI)	P-value	Weighted OR (95% CI)	P-value	Weighted OR (95% CI)	P-value	Weighted OR (95% CI)	P-value	Weighted OR (95% CI)	P-value	Weighted OR (95% CI)	P-value
Overall	1.34 (1.23 to 1.46)	<.001	1.06 (0.95 to 1.17)	0.293	1.11 (1.01 to 1.23)	0.038	1.10 (1.00 to 1.21)	0.040	1.15 (1.01 to 1.32)	0.040	1.11 (0.93 to 1.32)	0.246
Age group												
30–39	1.32 (0.88 to 1.97)	0.176	0.93 (0.56 to 1.56)	0.793	0.95 (0.54 to 1.68)	0.870	0.88 (0.50 to 1.56)	0.667	1.89 (0.84 to 4.25)	0.126	1.20 (0.47 to 3.11)	0.701
40–49	1.21 (0.96 to 1.51)	0.105	0.84 (0.62 to 1.15)	0.277	1.19 (0.86 to 1.64)	0.303	0.96 (0.71 to 1.29)	0.780	1.26 (0.82 to 1.94)	0.297	1.23 (0.74 to 2.03)	0.428
50–59	1.12 (0.95 to 1.33)	0.170	1.02 (0.84 to 1.24)	0.815	0.79 (0.65 to 0.96)	0.020	1.25 (1.04 to 1.51)	0.021	1.22 (0.95 to 1.56)	0.128	1.01 (0.72 to 1.40)	0.977
≥60	1.41 (1.26 to 1.57)	<.001	1.04 (0.93 to 1.17)	0.495	1.17 (1.04 to 1.31)	0.008	0.98 (0.88 to 1.09)	0.730	1.04 (0.91 to 1.20)	0.557	1.05 (0.89 to 1.25)	0.552
Sex												
Male	1.33 (1.18 to 1.50)	<.001	1.06 (0.92 to 1.23)	0.410	1.13 (0.98 to 1.30)	0.086	1.09 (0.96 to 1.24)	0.183	1.18 (0.99 to 1.40)	0.066	1.21 (0.96 to 1.52)	0.110
Female	1.34 (1.19 to 1.52)	<.001	1.05 (0.91 to 1.21)	0.500	1.09 (0.95 to 1.26)	0.211	1.11 (0.98 to 1.26)	0.094	1.12 (0.94 to 1.34)	0.206	1.00 (0.79 to 1.25)	0.983
Region of residence												

Urban	1.38 (1.25 to 1.53)	<.001	1.02 (0.90 to 1.14)	0.793	1.17 (1.04 to 1.31)	0.008	1.02 (0.92 to 1.14)	0.659	1.23 (1.06 to 1.43)	0.008	1.04 (0.85 to 1.26)	0.717
Rural	1.20 (1.01 to 1.42)	0.037	1.19 (0.97 to 1.44)	0.090	0.96 (0.77 to 1.19)	0.701	1.52 (1.23 to 1.89)	<.001	0.88 (0.68 to 1.15)	0.358	1.41 (1.03 to 1.94)	0.033
Education												
High school or lower education	1.44 (1.30 to 1.61)	<.001	1.12 (0.99 to 1.27)	0.073	1.18 (1.03 to 1.34)	0.015	1.22 (1.08 to 1.38)	0.001	1.18 (1.01 to 1.39)	0.042	1.01 (0.82 to 1.23)	0.951
College or higher education	1.33 (1.15 to 1.53)	<.001	1.05 (0.89 to 1.24)	0.540	1.18 (1.02 to 1.38)	0.029	1.14 (1.00 to 1.30)	0.044	1.28 (1.07 to 1.54)	0.006	1.16 (0.93 to 1.45)	0.191
Household income												
Lowest and second quartile	1.54 (1.37 to 1.72)	<.001	0.97 (0.86 to 1.10)	0.634	1.29 (1.14 to 1.45)	<.001	1.05 (0.94 to 1.18)	0.398	1.12 (0.96 to 1.31)	0.145	1.16 (0.97 to 1.40)	0.112
Third and highest quartile	1.21 (1.06 to 1.39)	0.005	1.13 (0.96 to 1.33)	0.137	0.97 (0.83 to 1.14)	0.734	1.20 (1.05 to 1.38)	0.010	1.26 (1.05 to 1.51)	0.012	1.04 (0.82 to 1.31)	0.776
Smoking status												
Current and ex-smoker	1.18 (1.00 to 1.38)	0.045	1.13 (0.97 to 1.31)	0.108	1.09 (0.94 to 1.27)	0.265	1.11 (0.97 to 1.28)	0.132	1.12 (0.94 to 1.35)	0.211	1.27 (1.01 to 1.61)	0.043
Non-smoker	1.33 (1.19 to 1.49)	<.001	0.99 (0.86 to 1.14)	0.859	1.17 (1.02 to 1.33)	0.022	1.08 (0.96 to 1.21)	0.231	1.18 (0.99 to 1.40)	0.0594	0.97 (0.77 to 1.21)	0.778
BMI group												
Overweight or obese	1.33 (1.16 to 1.53)	<.001	0.96 (0.85 to 1.07)	0.442	1.17 (1.04 to 1.31)	0.009	1.14 (1.02 to 1.27)	0.017	1.06 (0.90 to 1.24)	0.506	1.12 (0.91 to 1.38)	0.282
Underweight or normal	0.88 (0.77 to 1.02)	0.083	1.33 (1.11 to 1.59)	0.002	1.00 (0.84 to 1.20)	0.967	1.00 (0.85 to 1.17)	0.983	1.36 (1.08 to 1.71)	0.009	1.12 (0.83 to 1.49)	0.459

9 Abbreviations: BMI, body mass index; CI, confidence interval; KNHANES, Korea National Health and Nutrition Examination Survey; OR, odds ratio.

10 The numbers in bold indicate significant differences ($p < 0.05$).

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