

**Supplementary Table 1.** The prevalence of T2DM stratified by sex, age, and level of income among Korean children, adolescents, and young adults younger than 30 years of age from 2002 to 2016

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<b>0-4 yr</b>																
Mo	0.038 (0.016-0.092)	0.041 (0.017-0.098)	0.017 (0.004-0.069)	0.009 (0.001-0.066)	0.03 (0.01-0.093)	0.039 (0.015-0.11)	0.02 (0.005-0.08)	0.02 (0.005-0.08)	0	0	0.01 (0.001-0.069)	0.02 (0.005-0.079)	0.01 (0.001-0.07)	0.01 (0.001-0.071)	0.01 (0.001-0.071)	0.06 (0.027-0.13)
ML	0.054 (0.008-0.38)	0.053 (0.007-0.38)	0	0	0	0	0	0	0	0	0	0	0.06 (0.008-0.43)	0	0	
Fo	0.023 (0.007-0.07)	0.015 (0.004-0.062)	0	0.015 (0.004-0.061)	0.008 (0.001-0.054)	0	0	0.014 (0.003-0.056)	0.014 (0.003-0.055)	0	0.007 (0.001-0.05)	0	0	0.008 (0.001-0.054)	0.015 (0.004-0.061)	
FL	0 (0.004-0.22)	0.031 (0.004-0.22)	0	0.031 (0.004-0.22)	0	0	0.025 (0.004-0.18)	0	0	0	0	0	0	0	0	
<b>5-9 yr</b>																
Mo	0.042 (0.017-0.1)	0.089 (0.048-0.17)	0.047 (0.019-0.11)	0.061 (0.027-0.14)	0.065 (0.029-0.14)	0.085 (0.042-0.17)	0.075 (0.036-0.16)	0.15 (0.089-0.25)	0.115 (0.064-0.21)	0.073 (0.035-0.15)	0.031 (0.01-0.097)	0.105 (0.056-0.19)	0.073 (0.035-0.15)	0.116 (0.065-0.21)	0.169 (0.1-0.28)	
ML	0.116 (0.029-0.46)	0.23 (0.086-0.61)	0	0.132 (0.033-0.53)	0.292 (0.12-0.7)	0.234 (0.088-0.62)	0.12 (0.03-0.48)	0.185 (0.06-0.57)	0.124 (0.031-0.49)	0.237 (0.089-0.63)	0.243 (0.091-0.65)	0.121 (0.03-0.48)	0.063 (0.009-0.45)	0.121 (0.03-0.48)	0.275 (0.1-0.73)	
Fo	0.033 (0.012-0.088)	0.06 (0.028-0.13)	0.034 (0.013-0.092)	0.094 (0.052-0.17)	0.06 (0.029-0.13)	0.033 (0.012-0.088)	0.129 (0.079-0.21)	0.143 (0.09-0.23)	0.086 (0.048-0.15)	0.071 (0.037-0.14)	0.103 (0.06-0.18)	0.105 (0.061-0.18)	0.123 (0.074-0.2)	0.117 (0.069-0.2)	0.184 (0.12-0.28)	
FL	0.032 (0.005-0.23)	0.033 (0.005-0.24)	0	0.034 (0.005-0.24)	0.209 (0.1-0.44)	0.086 (0.028-0.27)	0	0.08 (0.026-0.25)	0.103 (0.039-0.28)	0.102 (0.038-0.27)	0.13 (0.054-0.31)	0.133 (0.055-0.32)	0.196 (0.093-0.41)	0.17 (0.076-0.38)	0.166 (0.069-0.4)	
<b>10-14 yr</b>																
Mo	0.38 (0.3-0.49)	0.49 (0.39-0.61)	0.58 (0.46-0.71)	0.59 (0.48-0.73)	0.74 (0.6-0.9)	0.8 (0.66-0.97)	1.18 (1-1.39)	1.56 (1.35-1.81)	1.54 (1.32-1.79)	1.5 (1.28-1.76)	1.49 (1.27-1.75)	1.58 (1.35-1.84)	1.56 (1.33-1.82)	1.72 (1.48-1.99)	2.51 (2.22-2.83)	
ML	0.55 (0.32-0.94)	0.56 (0.33-0.95)	0.35 (0.18-0.68)	0.58 (0.35-0.95)	0.58 (0.36-0.94)	1.44 (1.05-1.96)	1.99 (1.51-2.6)	2.62 (2.05-3.34)	2.56 (1.97-3.32)	3.38 (2.68-4.25)	2.94 (2.28-3.77)	3.08 (2.41-3.95)	3.62 (2.86-4.56)	3.38 (2.67-4.28)	3.18 (2.46-4.11)	
Fo	0.4 (0.31-0.52)	0.52 (0.41-0.65)	0.63 (0.51-0.77)	0.81 (0.68-0.98)	0.8 (0.66-0.96)	1.01 (0.85-1.2)	1.22 (1.04-1.43)	1.3 (1.12-1.52)	1.35 (1.16-1.57)	1.47 (1.28-1.7)	1.3 (1.12-1.51)	1.48 (1.29-1.7)	1.63 (1.43-1.85)	1.45 (1.26-1.66)	1.69 (1.49-1.92)	
FL	0.21 (0.12-0.37)	0.23 (0.14-0.39)	0.28 (0.17-0.46)	0.55 (0.38-0.8)	0.89 (0.67-1.2)	1.17 (0.9-1.53)	1.5 (1.18-1.91)	1.74 (1.38-2.19)	2.16 (1.76-2.65)	1.94 (1.57-2.4)	2.03 (1.66-2.5)	2.02 (1.65-2.48)	2.08 (1.71-2.54)	1.75 (1.41-2.16)	2.26 (1.86-2.75)	
<b>15-19 yr</b>																
Mo	2.14 (1.91-2.39)	2.81 (2.54-3.1)	3.01 (2.73-3.32)	3.78 (3.46-4.13)	3.96 (3.62-4.32)	4.79 (4.41-5.21)	4.94 (4.54-5.37)	5.74 (5.3-6.22)	6.89 (6.38-7.43)	7.47 (6.93-8.05)	7.42 (6.88-7.99)	8.48 (7.91-9.09)	9.37 (8.77-10.02)	10.06 (9.44-10.72)	12.43 (11.75-13.15)	
ML	2.77 (2.14-3.57)	3.06 (2.42-3.88)	3.64 (2.94-4.5)	4.63 (3.84-5.58)	6.68 (5.77-7.73)	7.4 (6.42-8.53)	9.23 (8.09-10.52)	11.04 (9.75-12.49)	13.08 (11.61-14.73)	14.64 (13.05-16.42)	16.47 (14.76-18.37)	16.31 (14.61-18.22)	19.31 (17.42-21.42)	21.24 (19.28-23.4)	27.05 (24.73-29.6)	
Fo	1.45 (1.26-1.68)	1.6 (1.39-1.83)	2.08 (1.84-2.34)	2.46 (2.21-2.75)	3.03 (2.73-3.36)	3.43 (3.11-3.79)	4.09 (3.74-4.49)	4.43 (4.06-4.84)	4.71 (4.33-5.14)	4.85 (4.46-5.27)	4.38 (4.01-4.77)	4.34 (3.98-4.72)	5.32 (4.93-5.74)	6.35 (5.92-6.8)	7.53 (7.07-8.02)	
FL	0.58 (0.42-0.8)	0.7 (0.53-0.93)	0.86 (0.65-1.12)	1.61 (1.3-2)	2.55 (2.15-3.02)	3.44 (2.94-4.02)	4.42 (3.83-5.1)	5.18 (4.52-5.93)	6.5 (5.75-7.33)	6.35 (5.63-7.17)	6.86 (6.1-7.71)	7.86 (7.05-8.76)	9.13 (8.25-10.1)	9.77 (8.89-10.74)	10.89 (9.91-11.96)	

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Supplementary Table 1. Continued

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
20-24 yr															
Mo	2.63 (2.37-2.9)	3.51 (3.22-3.83)	4.07 (3.77-4.41)	5.1 (4.75-5.47)	5.6 (5.24-6)	5.98 (5.6-6.39)	6.52 (6.12-6.96)	7.07 (6.64-7.53)	7.07 (6.63-7.53)	7.92 (7.45-8.42)	9.35 (8.83-9.91)	11.49 (10.9-12.12)	13.79 (13.12-14.49)	17.04 (16.27-17.86)	21.4 (20.51-22.32)
ML	6.83 (5.9-7.91)	7.51 (6.56-8.59)	8.43 (7.46-9.52)	9.38 (8.38-10.49)	10.86 (9.85-11.98)	10.73 (9.72-11.84)	10.68 (9.67-11.8)	11.2 (10.15-12.35)	11.2 (10.83-13.14)	14.02 (12.8-15.35)	15.75 (14.41-17.21)	19.31 (17.78-20.97)	27.56 (25.64-29.63)	36.7 (34.39-39.16)	46.34 (43.52-49.34)
Fo	2.11 (1.89-2.36)	3.15 (2.87-3.46)	3.26 (2.97-3.57)	3.54 (3.25-3.85)	3.34 (3.06-3.64)	3.43 (3.15-3.73)	3.55 (3.27-3.85)	4.43 (4.11-4.77)	4.42 (4.1-4.76)	4.72 (4.38-5.08)	5.49 (5.11-5.89)	6.68 (6.26-7.13)	7.64 (7.19-8.12)	8.46 (7.99-8.97)	10.04 (9.53-10.57)
FL	2.29 (1.94-2.71)	3.4 (2.96-3.9)	3.57 (3.11-4.09)	5.11 (4.52-5.78)	6.09 (5.47-6.78)	5.47 (4.88-6.14)	5.42 (4.82-6.09)	6.88 (6.18-7.66)	8.09 (7.29-8.96)	9.37 (8.49-10.34)	9.95 (8.99-11.02)	12.65 (11.53-13.88)	15.85 (14.57-17.23)	16.98 (15.68-18.38)	18.77 (17.39-20.24)
25-29 yr															
Mo	10.28 (9.74-10.85)	11.67 (11.1-12.27)	12.86 (12.27-13.49)	14.02 (13.4-14.66)	14.92 (14.27-15.59)	15.22 (14.57-15.91)	17.42 (16.72-18.16)	19.09 (18.34-19.87)	20.08 (19.3-20.88)	21.13 (20.31-21.97)	22.19 (21.33-23.08)	24.5 (23.58-25.46)	28.27 (27.26-29.32)	32.66 (31.53-33.83)	40.56 (39.28-41.87)
ML	19.31 (17.59-21.2)	23.94 (22.1-25.93)	22.46 (20.74-24.31)	20.43 (18.85-22.15)	23.62 (22.02-25.33)	23.62 (22.02-25.33)	25.76 (24.08-27.55)	27.53 (25.78-29.4)	28.52 (26.73-30.44)	30.54 (28.65-32.55)	30.46 (28.5-32.55)	33.16 (31.06-35.41)	41.76 (39.29-44.38)	49.12 (46.34-52.06)	63.14 (59.73-66.76)
Fo	6.03 (5.65-6.45)	7.47 (7.03-7.95)	7.76 (7.3-8.24)	8.26 (7.81-8.75)	8.79 (8.31-9.29)	8.61 (8.15-9.1)	9.38 (8.91-9.89)	10.01 (9.51-10.54)	10.27 (9.76-10.82)	10.12 (9.6-10.68)	10.53 (9.98-11.11)	11.6 (11.02-12.22)	13.18 (12.56-13.84)	14.96 (14.29-15.66)	17.65 (16.94-18.39)
FL	5.8 (5.19-6.48)	7.28 (6.6-8.03)	8.76 (8-9.58)	10.75 (9.87-11.72)	12.38 (11.48-13.36)	12.36 (11.44-13.35)	14.23 (13.24-15.3)	16.58 (15.45-17.79)	18.32 (17.08-19.64)	18.46 (17.19-19.83)	19.92 (18.52-21.43)	21.2 (19.7-22.81)	23.74 (22.12-25.47)	26.24 (24.56-28.02)	28.14 (26.34-30.07)

Values are presented as mean (95% confidence interval).  
T2DM, type 2 diabetes mellitus; Mo, male other (quintile 2-5); ML, male low income (quintile 1); Fo, female other (quintile 2-5); FL, female low income (quintile 1).