

Supplemental Table S5. Incidence Rate and Odds Ratios for Gestational Diabetes Mellitus According to Age, Prepregnancy Body Mass Index, Waist Circumference, and Fasting Plasma Glucose

Variable	No. of patients	No. of event	Incidence rate, %	Odds ratio (95% confidence interval)	
				Univariate	Multivariate ^a
Age, yr					
<25	20,630	1,009	4.89	1 (Reference)	1 (Reference)
25	14,545	857	5.89	1.217 (1.108–1.336)	1.227 (1.117–1.348)
26	23,866	1,515	6.35	1.317 (1.213–1.429)	1.330 (1.225–1.444)
27	34,164	2,358	6.90	1.440 (1.335–1.554)	1.457 (1.350–1.572)
28	43,925	3,457	7.87	1.660 (1.544–1.784)	1.664 (1.547–1.789)
29	49,034	5,654	11.53	2.532 (2.363–2.713)	2.532 (2.362–2.715)
30	52,574	7,459	14.19	3.212 (3.002–3.438)	3.178 (2.968–3.404)
31	43,789	6,604	15.08	3.450 (3.222–3.695)	3.372 (3.146–3.613)
32	37,692	6,081	16.13	3.737 (3.488–4.004)	3.587 (3.345–3.846)
33	27,321	4,509	16.89	3.949 (3.679–4.239)	3.753 (3.493–4.032)
34	21,403	3,715	17.36	4.081 (3.795–4.387)	3.819 (3.549–4.110)
35	13,489	2,458	18.22	4.329 (4.009–4.675)	4.019 (3.718–4.345)
36	10,714	2,049	19.12	4.594 (4.243–4.974)	4.218 (3.892–4.572)
37	6,437	1,323	20.55	5.026 (4.605–5.486)	4.591 (4.201–5.017)
38	5,275	1,083	20.53	5.019 (4.578–5.503)	4.514 (4.112–4.955)
39	2,632	571	21.69	5.383 (4.811–6.022)	4.803 (4.286–5.382)
≥40	10,279	2,309	22.46	5.629 (5.204–6.088)	4.827 (4.456–5.228)
Prepregnancy body mass index, kg/m ²					
<18	38,952	4,032	10.35	0.922 (0.886–0.959)	0.987 (0.946–1.029)
18–19	55,219	5,978	10.83	0.969 (0.936–1.004)	1.001 (0.966–1.038)
19–20	75,514	8,406	11.13	1 (Reference)	1 (Reference)
20–21	69,691	8,402	12.06	1.094 (1.060–1.130)	1.058 (1.024–1.094)
21–22	57,834	7,263	12.56	1.147 (1.109–1.186)	1.066 (1.030–1.104)
22–23	40,154	5,366	13.36	1.231 (1.187–1.277)	1.100 (1.058–1.145)
23–24	26,197	3,878	14.80	1.387 (1.331–1.445)	1.190 (1.138–1.245)
24–25	17,328	2,785	16.07	1.529 (1.459–1.602)	1.275 (1.210–1.343)
25–26	11,590	1,922	16.58	1.587 (1.504–1.675)	1.281 (1.206–1.361)
26–27	7,701	1,380	17.92	1.743 (1.637–1.855)	1.382 (1.288–1.483)
27–28	5,501	1,050	19.09	1.883 (1.754–2.022)	1.458 (1.346–1.581)
28–29	3,510	691	19.69	1.957 (1.795–2.133)	1.483 (1.346–1.633)
29–30	2,535	530	20.91	2.110 (1.913–2.328)	1.621 (1.452–1.811)
≥30	5,413	1,328	24.53	2.595 (2.430–2.772)	1.935 (1.765–2.123)

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Supplemental Table S5. Continued

Variable	No. of patients	No. of event	Incidence rate, %	Odds ratio (95% confidence interval)	
				Univariate	Multivariate ^a
Waist circumference, cm					
<60	14,725	1,483	10.07	1 (Reference)	1 (Reference)
60–65	78,153	8,388	10.73	1.074 (1.013–1.138)	0.998 (0.939–1.059)
65–70	131,001	14,927	11.39	1.148 (1.085–1.215)	0.985 (0.927–1.046)
70–75	100,119	13,042	13.03	1.337 (1.264–1.415)	1.029 (0.966–1.095)
75–80	50,482	7,415	14.69	1.537 (1.449–1.631)	1.051 (0.984–1.124)
80–85	24,706	4,215	17.06	1.837 (1.724–1.956)	1.107 (1.029–1.191)
85–90	10,257	1,882	18.35	2.007 (1.865–2.159)	1.065 (0.977–1.161)
90–95	4,515	920	20.38	2.285 (2.088–2.501)	1.072 (0.963–1.194)
95–100	1,853	405	21.86	2.498 (2.209–2.823)	1.029 (0.892–1.187)
≥100	1,328	334	25.15	3.001 (2.621–3.435)	1.135 (0.966–1.333)
Fasting plasma glucose, mg/dL					
<80	76,790	7,987	10.40	1 (Reference)	1 (Reference)
80–85	78,662	8,797	11.18	1.085 (1.050–1.120)	1.054 (1.020–1.088)
85–90	95,684	11,254	11.76	1.148 (1.114–1.184)	1.092 (1.059–1.127)
90–95	78,906	10,427	13.21	1.312 (1.272–1.353)	1.217 (1.180–1.256)
95–100	49,277	7,151	14.51	1.462 (1.413–1.513)	1.328 (1.283–1.375)
100–105	21,202	3,661	17.27	1.798 (1.723–1.876)	1.592 (1.524–1.663)
105–110	9,157	1,892	20.66	2.243 (2.122–2.372)	1.945 (1.837–2.060)
110–125	7,461	1,842	24.69	2.824 (2.666–2.991)	2.449 (2.308–2.600)

Q, quartile.

^aAdjusted for age, prepregnancy body mass index, waist circumference, fasting plasma glucose, location, and income.