

Table 1 Crude and sex- and age-standardized prevalences of new and known cases of diabetes mellitus in the study sample

Variable	Prevalence of diabetes mellitus				
	Participants ^a		New cases	Known cases	Total cases
	No.	%	% (95% CI)	% (95% CI)	% (95% CI)
Age (years)					
40–49	802	38.4	2.3 (1.1–3.4)	13.5 (10.7–16.3)	15.8 (12.7–18.8)
50–59	705	33.7	3.5 (2.4–4.7)	25.4 (21.9–28.9)	28.9 (25.3–32.5)
60–69	337	16.1	2.7 (1.1–4.3)	32.3 (27.1–37.6)	35.0 (29.3–40.7)
70–80	246	11.8	1.6 (0.2–3.1)	35.4 (28.5–42.2)	37.0 (30.6–43.4)
Sex					
Male	992	47.5	3.1 (2.0–4.2)	22.5 (19.5–25.5)	25.6 (22.4–28.8)
Female	1098	52.5	2.3 (1.5–3.1)	23.7 (20.8–26.5)	26.0 (23.2–28.7)
Area					
Urban	1863	89.1	2.7 (2.0–3.5)	21.0 (19.1–23.5)	24.0 (21.8–26.3)
Rural	227	10.9	2.6 (1.6–3.6)	27.6 (20.6–35.7)	30.2 (22.9–38.7)
Education^b (years)					
Illiterate	416	20.0	2.2 (1.2–3.9)	34.1 (29.9–38.9)	36.3 (31.4–41.3)
< 6	850	41.0	3.6 (2.7–4.9)	22.1 (19.2–25.3)	25.7 (22.6–28.8)
6–12	579	27.9	2.3 (1.3–3.9)	16.6 (13.3–20.3)	18.9 (15.2–22.6)
> 12	230	11.1	1.2 (0.4–4.0)	16.7 (12.7–21.4)	17.9 (13.4–22.4)
Hypertension^b					
No	1251	60.0	1.6 (1.1–2.3)	12.2 (10.7–13.9)	13.8 (12.1–15.6)
Yes	834	40.0	4.7 (3.2–6.8)	38.5 (34.7–42.2)	43.1 (39.3–47.1)
BMI^b					
Underweight	34	1.8	0.0	2.9 (0–8.9)	2.9 (0.0–8.9)
Normal	553	29.3	1.8 (0.7–2.9)	23.0 (19.4–26.5)	24.8 (21.2–28.4)
Overweight	797	42.2	2.9 (1.7–4.1)	24.7 (21.7–27.7)	27.6 (24.5–30.7)
Obese class I	383	20.3	3.1 (1.4–4.9)	24.8 (20.5–29.1)	27.9 (23.4–32.5)
Obese class II	100	5.3	5.0 (0.7–9.3)	28.0 (19.0–37.0)	33.0 (23.6–42.4)
Obese class III	21	1.1	14.3 (0–30.6)	23.8 (3.9–43.7)	38.1 (15.4–60.7)
Total					
Crude	2090	100.0	2.7 (2.1–3.3)	23.1 (20.9–25.3)	25.8 (23.5–28.0)
Standardized ^c	-	-	2.7 (2.1–3.4)	21.8 (19.5–24.0)	24.5 (22.2–26.8)

^aPercentages of total participants (n = 2090); ^bMissing data for these variables; ^cFor age and sex standardization, data from the Iranian national census 2006 were used.

CI = confidence interval; BMI = body mass index.