

Table 2 Association of sociodemographic characteristics and chronic disease with mental disorder in a sample of 14 640 participants from 5 areas in Egypt, 2003

Variable^a	Total No.	Having mental disorder		Age adjusted OR (95% CI)
		No.	%	
<i>Sex</i>				
Male	5 781	613	10.6	1
Female	8 849	1 866	21.1	2.24 (2.03–2.47)***
<i>Governorate</i>				
Alexandria	3 700	408	11.0	1
Ismailia	1 479	193	13.0	1.21 (1.01–1.45)*
Qualiobia	3 411	795	23.3	1.05 (0.90–1.22)
Giza	3 151	363	11.5	2.44 (2.14–2.78)***
Fayoum	2 899	721	24.9	2.66 (2.32–3.03)***
<i>Residence</i>				
Urban	7 671	1 268	16.5	1
Rural	6 969	1 212	17.4	1.02 (0.99–1.11)
<i>Education</i>				
Below secondary	8 339	1 561	18.7	1
Secondary	4 297	665	15.5	0.74 (0.67–0.82)***
University	1 879	237	12.6	0.59 (0.51–0.68)***
<i>Occupation</i>				
Professional	2 502	288	11.5	1
Housewife	6 738	1 432	21.3	2.07 (1.80–2.37)***
Skilled	2 397	298	12.4	1.07 (0.90–1.27)
Unskilled	432	55	12.7	1.02 (0.82–1.27)
Retired	878	187	21.3	1.21 (0.88–1.67)
Unemployed	1 120	131	11.7	1.10 (1.62–2.45)***
<i>Marital status</i>				
Married	10 943	1 833	16.8	1
Divorced	163	56	34.4	2.59 (1.87–3.60)***
Widowed	687	157	22.9	1.75 (1.44–2.13)***
Single	2 642	411	15.6	0.76 (0.67–0.87)***
<i>No. of children^b</i>				
None	700	141	20.1	1
1–3	6 444	1 031	16.0	0.79 (0.65–0.97)*
> 3	7 496	1 308	17.4	0.73 (0.73–1.09)
<i>Smoking</i>				
Non-smoker	11 459	2 071	18.1	1
Current smoker	2 512	322	12.8	0.68 (0.60–0.77)***
Ex-smoker	289	39	13.5	0.73 (0.52–1.02)
<i>Having hypertension</i>				
No	11 455	2 247	19.6	1
Yes	919	262	28.5	1.66 (1.43–1.95)***

Table 2 Association of sociodemographic characteristics and chronic disease with mental disorder in a sample of 14 640 participants from 5 areas in Egypt, 2003 (concluded)

Variable^a	Total No.	Having mental disorder		Age adjusted OR (95% CI)
		No.	%	
<i>Having diabetes mellitus</i>				
No	11 708	2 355	20.1	1
Yes	664	155	23.3	1.25 (1.06–1.55)**
<i>Having liver disease</i>				
No	12 161	2 457	20.2	1
Yes	211	50	23.7	1.25 (0.91–1.70)***
<i>Having heart disease</i>				
No	12 163	2 431	19.9	1
Yes	207	79	38.2	2.06 (1.61–2.74)
<i>Having cancer</i>				
No	12 352	2 503	20.3	1
Yes	17	7	41.2	2.14 (0.89–5.17)
<i>Having kidney disease</i>				
No	12 175	2 436	20.4	1
Yes	195	73	37.4	1.95 (1.46–2.53)**
<i>Having schistosomiasis</i>				
No	12 249	2 483	20.3	1
Yes	122	27	22.1	1.10 (0.72–1.67)

^aTotals may vary owing to missing data.

^bQuestion only asked of married, widowed or divorced participants.

*P < 0.05; **P < 0.01; ***P < 0.001.

OR = odds ratio; CI = confidence interval.