

**Table 1** Varicella seroprevalance by social determinants of health in population aged > 2 years, Manisa province, Turkey, 2014

<b>Variables (n)</b>	<b>Seroprevalence, % (95% CI)</b>	<b>P</b>	<b>Crude OR (95% CI)</b>	<b>Age adjusted OR (95% CI)</b>
<b>Gender</b>				
Female (654)	93.4 (91.2–95.1)	0.370	Reference group	
Male (596)	92.1 (89.6–94.0)		0.82 (0.53–1.26)	0.97 (0.61–1.55)
<b>Living area</b>				
Surrounding counties (970)	92.6 (90.8–94.1)	0.571	Reference group	
Central counties (280)	93.6 (90.2–96.0)		1.16 (0.68–1.19)	1.14 (0.61–2.03)
<b>Family size</b>				
> 4 people in house (356)	89.9 (86.2–92.8)	0.012	Reference group	
≤ 4 people in house (894)	94.0 (92.2–95.3)		1.75 (1.12–2.72)	0.92 (0.56–1.48)
<b>No. of people per room</b>				
> 1 (551)	89.7 (86.9–92.0)	< 0.001	Reference group	
≤ 1 (698)	95.3 (93.5–96.6)		2.32 (1.49–3.62)	1.22 (0.75–1.99)
<b>Quartiles of annual per capita equivalent income (Turkish Lira<sup>a</sup>)</b>				
1st quartile (<1814, n = 299)	90.3 (86.5–93.3)	0.030	Reference group	
2nd quartile (1815–3265, n = 302)	91.1 (87.4–93.9)		1.09 (0.63–1.89)	0.93 (0.51–1.70)
3rd quartile (3266–5692, n = 305)	94.8 (91.8–96.8)		1.94 (1.03–3.65)	1.38 (0.70–2.73)
4th quartile (> 5692, n = 302)	95.4 (92.5–97.3)		2.21 (1.14–4.27)	1.33 (0.65–2.71)
<b>Education level</b>				
Illiterate (102)	97.1 (92.2–99.2)	< 0.001	Reference group	
Literate (42)	95.2 (85.1–99.1)		0.62 (0.10–3.89)	1.12 (0.16–7.59)
Primary school (525)	98.3 (96.8–99.1)		1.75 (0.46–6.59)	3.89 (0.93–16.11)
Secondary school (182)	96.7 (92.8–98.7)		0.89 (0.21–3.67)	3.47 (0.69–17.39)
High school (152)	96.7 (92.8–98.7)		0.90 (0.21–3.85)	2.71 (0.55–13.23)
University (90)	97.8 (92.8–99.6)		1.34 (0.22–8.24)	3.59 (0.54–23.85)
Attending primary school (93)	74.2 (64.5–82.3)		0.08 (0.02–0.30)	0.64 (0.12–3.41)
Not of school age (63)	38.1 (26.7–50.5)		0.01 (0.0–0.06)	0.16 (0.03–0.92)
<b>Employment status (&gt; 18 years)</b>				
Employed (539)	98.5 (97.2–99.3)	0.826	Reference group	
Unemployed (68)	98.5 (92.9–99.3)		1.00 (0.12–8.19)	1.05 (0.12–8.68)
Out of workforce/student (347)	98.0 (96.0–99.1)		0.73 (0.26–8.19)	0.73 (0.26–2.04)

<sup>a</sup>1 Turkish lira was equal to average 2.14 US dollars between March and June 2014.