

Table 2 Age-standardised incidence rates of invasive cervical cancer by region for all nationalities in Saudi Arabia (N = 2496)

|          | 2005–2009 |                                 |                          | 2010–2014 |                                 |                          | 2015–2019 |                                 |                          |
|----------|-----------|---------------------------------|--------------------------|-----------|---------------------------------|--------------------------|-----------|---------------------------------|--------------------------|
|          | N         | Age-standardized incidence rate | 95% confidence intervals | N         | Age-standardized incidence rate | 95% confidence intervals | N         | Age-standardized incidence rate | 95% confidence intervals |
| All      | 704       | 1.52                            | (1.39–1.64)              | 882       | 3.34                            | (3.10–3.58)              | 910       | 2.62                            | (2.43–2.81)              |
| Riyadh   | 199       | 2.14                            | (1.79–2.49)              | 206       | 3.53                            | (2.98–4.09)              | 276       | 3.51                            | (3.04–3.99)              |
| Makkah   | 279       | 2.25                            | (1.97–2.54)              | 341       | 4.40                            | (3.89–4.91)              | 336       | 3.48                            | (3.08–3.88)              |
| Eastern  | 92        | 1.58                            | (1.22–1.95)              | 129       | 4.07                            | (3.27–4.87)              | 151       | 3.05                            | (2.48–3.62)              |
| Other    | 134       | 0.72                            | (0.59–0.85)              | 206       | 2.21                            | (1.88–2.53)              | 147       | 1.20                            | (0.99–1.40)              |
| Asir     | 22        | 0.59                            | (0.33–0.85)              | 45        | 2.65                            | (1.83–3.47)              | 32        | 1.30                            | (0.82–1.77)              |
| Baha     | 10        | 0.98                            | (0.35–1.61)              | 4         | 0.86                            | (0.00–1.73)              | 10        | 2.00                            | (0.75–3.26)              |
| Hail     | 6         | 0.35                            | (0.00–0.75)              | 19        | 3.23                            | (1.67–4.78)              | 7         | 1.26                            | (0.29–2.23)              |
| Jazan    | 9         | 0.33                            | (0.11–0.55)              | 20        | 1.28                            | (0.69–1.88)              | 10        | 0.49                            | (0.17–0.82)              |
| Jouf     | 11        | 1.67                            | (0.64–2.70)              | 14        | 2.98                            | (1.29–4.67)              | 6         | 1.08                            | (0.21–1.96)              |
| Madinah  | 35        | 1.02                            | (0.67–1.38)              | 43        | 2.00                            | (1.36–2.64)              | 30        | 1.08                            | (0.67–1.50)              |
| Najran   | 11        | 1.29                            | (0.48–2.10)              | 10        | 2.22                            | (0.72–3.72)              | 16        | 2.44                            | (1.16–3.72)              |
| Northern | 2         | 0.52                            | (0.00–1.27)              | 7         | 2.66                            | (0.51–4.81)              | 6         | 1.82                            | (0.33–3.32)              |
| Qassim   | 19        | 0.98                            | (0.50–1.45)              | 29        | 2.40                            | (1.41–3.40)              | 20        | 1.23                            | (0.64–1.82)              |
| Tabuk    | 9         | 0.63                            | (0.19–1.07)              | 15        | 2.73                            | (1.28–4.18)              | 10        | 1.24                            | (0.39–2.08)              |