

Table 1 Socioeconomic inequality in smoking prevalence in all provinces, Islamic Republic of Iran, 2005

| Province | Socioeconomic status (quintile) | | | | | | SII (95% CI) | Concentration index |
|--------------|---------------------------------|------------------|------------------|------------------|------------------|------------------|------------------------|---------------------|
| | Overall | Q1 | Q2 | Q3 | Q4 | Q5 | | |
| | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | % (95% CI) | | |
| East Azar | 14.9 (13.5-16.3) | 14.5 (12.2-16.7) | 13.4 (10.6-16.2) | 17.4 (14.3-20.5) | 15.9 (13.2-18.7) | 13.1 (10.1-16.1) | 0.1 (-10.7 to 10.8) | 0.006 |
| West Azar | 20.2 (18.7-21.7) | 21.3 (18.6-24.1) | 19.9 (16.7-23.1) | 19.4 (16.3-22.6) | 22.1 (18.8-25.5) | 15.3 (12.5-18.1) | 4.4 (-16.7 to 25.4) | -0.036 |
| Ardebil | 17.5 (16.0-19.0) | 17.5 (14.7-20.2) | 14.4 (11.4-17.4) | 24.1 (20.1-28.1) | 19.8 (15.7-23.9) | 10.3 (7.1-13.6) | -3.9 (-34.9 to 27.1) | -0.017 |
| Isfahan | 14.3 (13.1-15.5) | 9.0 (6.5-11.5) | 12.3 (10-14.7) | 16.4 (13.9-19.0) | 19.3 (16.4-22.1) | 12.0 (9.4-14.5) | 2.6 (-11.0 to 16.1) | 0.062 |
| Ilam | 10.0 (9.0-11.1) | 9.6 (7.2-12.0) | 9.1 (6.6-11.5) | 11.1 (8.2-14.0) | 12.3 (8.9-15.6) | 8.3 (5.0-11.6) | 0.4 (-9.0 to 9.7) | 0.010 |
| Bushehr | 29.7 (27.3-32.0) | 44.0 (38.8-49.2) | 38.0 (34.0-42.0) | 25.9 (22.1-29.7) | 22.3 (19.2-25.4) | 13.8 (11.0-16.6) | -29.0 (-46.7 to -11.3) | -0.201 |
| Tehran | 16.2 (15.4-17.0) | 6.6 (4.8-8.4) | 10.2 (8.5-12.0) | 16.7 (14.8-18.6) | 20.7 (19.0-22.3) | 16.5 (15.1-17.9) | 6.8 (-8.4 to 22.0) | 0.091 |
| Ch. Mahal | 15.1 (13.7-16.9) | 12.1 (9.8-14.4) | 13.8 (10.6-17.0) | 19.6 (16.8-22.4) | 23.2 (20.0-26.4) | 10.3 (7.1-13.6) | -5.6 (-34.2 to 23.1) | 0.063 |
| Khorasan | 18.7 (17.3-20.2) | 24.2 (21.2-27.1) | 20.1 (16.9-23.4) | 18.3 (15.6-21.1) | 16.9 (14.4-19.5) | 13.7 (11.5-16) | -13.6 (-16.4 to -10.8) | -0.101 |
| Khozestan | 15.3 (13.7-16.9) | 11.7 (8.6-14.8) | 15.3 (12.8-17.7) | 18.0 (15.9-20.2) | 18.1 (14.6-21.6) | 13.3 (10.3-16.4) | 7.6 (-5.3 to 20.0) | 0.034 |
| Zanjan | 15.0 (13.5-16.5) | 15.4 (13.6-17.1) | 15.3 (12.3-18.4) | 13.6 (10.7-16.5) | 17.7 (13.9-21.5) | 12.3 (8.8-15.9) | 6.1 (-11.4 to 24.5) | -0.021 |
| Semnan | 13.0 (11.8-14.2) | 12.3 (8.9-15.7) | 13.6 (10.3-16.9) | 11.9 (9.7-14.1) | 16.3 (13.4-19.3) | 11.0 (8.6-13.4) | -5.2 (-16.7 to 6.4) | -0.001 |
| Sistan & B. | 24.4 (22.1-26.7) | 29.8 (26.6-33.0) | 22.8 (17.9-27.8) | 19.9 (14.5-25.3) | 20.8 (17.0-24.6) | 18.8 (14.8-22.9) | -2.8 (-27.6 to 22.1) | -0.108 |
| Fars | 20.5 (18.8-22.2) | 28.7 (24.0-33.3) | 19.8 (16.6-23.0) | 19.5 (16.7-22.3) | 20.3 (17.2-23.3) | 13.2 (10.4-15.9) | -12.2 (-23.4 to -1.0) | -0.123 |
| Qazvin | 16.6 (15.2-18.0) | 16.8 (13.3-20.3) | 10.5 (7.4-13.7) | 20.3 (16.2-24.4) | 20.9 (17.6-24.3) | 14.6 (10.8-18.3) | 3.1 (-21.4 to 27.5) | 0.020 |
| Qom | 12.4 (10.8-14.0) | 11.1 (7.0-15.1) | 11.2 (8.4-14.1) | 14.8 (11.6-18.1) | 15.0 (11.6-18.3) | 9.5 (6.8-12.1) | 0.2 (-13.3 to -13.8) | 0.005 |
| Kordestan | 17.4 (16.0-18.8) | 14.2 (11.6-16.8) | 19.6 (16.3-22.9) | 22.3 (18.9-25.8) | 19.4 (15.5-23.2) | 15.5 (12.8-18.2) | 0.8 (-12.9 to 14.5) | 0.045 |
| Kerman | 18.9 (17.1-20.7) | 22.3 (18.5-26.0) | 17.6 (14.7-20.6) | 22.0 (17.4-26.5) | 16.5 (14-19.1) | 14.2 (12.3-16.1) | -2.2 (-17.8 to 13.4) | -0.087 |
| Kermanshah | 15.2 (13.7-16.7) | 15.5 (13.2-17.9) | 15.2 (11.3-19.0) | 16.7 (13-20.5) | 16.0 (12.8-19.2) | 12.1 (9.2-14.9) | 5.9 (-12.1 to 23.9) | -0.023 |
| Koh. & Boyer | 21.9 (19.5-24.2) | 26.6 (22.1-31.0) | 23.5 (19.7-27.3) | 22.2 (17.2-27.2) | 22.1 (17.9-26.3) | 14.2 (11.0-17.4) | 1.8 (-28.1 to 31.6) | -0.097 |
| Golestan | 11.2 (9.7-12.6) | 9.1 (6.1-12.1) | 11.1 (8.5-13.8) | 11.4 (8.9-13.9) | 15.1 (11.5-18.6) | 9.1 (6.4-11.8) | 2.3 (-10.8 to 15.4) | 0.041 |
| Gilan | 17.8 (16.1-19.6) | 14.2 (9.8-18.6) | 14.5 (10.7-18.2) | 18.1 (14.8-21.5) | 23.4 (19.9-26.9) | 16.7 (13.3-20.1) | -1.4 (-19.6 to 16.8) | 0.062 |
| Lorestan | 18.4 (17.0-19.8) | 16.3 (12.4-20.1) | 21.8 (17.6-26) | 19.7 (15.2-24.2) | 23.1 (19.4-26.8) | 12.0 (8.6-15.4) | -3.5 (-30.0 to 22.9) | -0.019 |
| Mazanderan | 14.2 (13.0-15.4) | 9.2 (7.3-11.1) | 13.4 (10.7-16.1) | 15.1 (12.7-17.5) | 19.4 (16.4-22.4) | 12.8 (10.4-15.2) | 1.4 (-13.0 to 15.9) | 0.079 |
| Markazi | 17.8 (16.4-19.3) | 15.7 (12.8-18.7) | 13.9 (10.5-17.4) | 22.8 (19.3-26.3) | 22.2 (18.5-26) | 15.1 (11.8-18.4) | 3.6 (-20.4 to 27.5) | 0.034 |
| Hormozgan | 21.5 (19.6-23.4) | 32.8 (27.6-38.1) | 24.9 (21.4-28.4) | 17.0 (13.9-20.2) | 15.9 (11.9-20.0) | 11.9 (9.0-14.7) | -11.6 (-42.6 to 19.4) | -0.209 |
| Hamedan | 18.4 (16.7-20.1) | 18.6 (15.6-21.7) | 15.4 (11.9-18.9) | 23.2 (18.8-27.6) | 22.7 (18.7-26.7) | 13.8 (10.4-17.3) | -7.6 (-28.3 to 13.2) | -0.015 |
| Yazd | 10.6 (9.2-12.1) | 8.1 (4.2-12.1) | 7.6 (4.9-10.4) | 13.9 (11.6-16.2) | 13.8 (10.7-16.9) | 8.2 (5.3-11.2) | 3.0 (-13.6 to 18.3) | 0.046 |
| Iran (total) | 17.0 (16.6-17.3) | 18.0 (17.2-18.8) | 16.0 (15.3-16.7) | 17.9 (17.3-18.5) | 19.1 (18.5-19.7) | 13.5 (13.0-14.1) | -0.7 (-4.0 to 2.5) | -0.032 |

SII = slope index for inequality; CI = confidence interval.