Supplementary Material 8. Annual ASMRs and absolute and relative inequality for suicides from 2017 to 2020

|  |  |  |  |
| --- | --- | --- | --- |
|  | All | Men | Women |
| 2017 | 2018 | 2019 | 2020 | 2017 | 2018 | 2019 | 2020 | 2017 | 2018 | 2019 | 2020 |
| ASMR (/100,000) |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Q0 | 58.64(52.78-64.83) | 54.40(49.00-60.10) | 59.67(53.61-66.05) | 57.35(51.46-63.57) | 80.62(70.83-91.04) | 74.09(65.02-83.77) | 72.24(62.96-82.13) | 69.73(60.94-79.09) | 38.71(31.76-46.40) | 36.30(30.02-43.24) | 47.05(39.19-55.68) | 45.69(37.68-54.52) |
|  | Q1 | 23.11(22.01-24.24) | 24.45(23.35-25.59) | 28.60(27.48-29.76) | 26.45(25.33-27.59) | 35.94(33.93-38.04) | 39.08(37.03-41.22) | 43.46(41.47-45.52) | 39.35(37.38-41.39) | 13.06(11.93-14.28) | 12.92(11.80-14.12) | 16.21(15.01-17.48) | 16.11(14.87-17.41) |
|  | Q2 | 22.32(21.28-23.40) | 25.00(23.87-26.15) | 21.63(20.53-22.77) | 23.95(22.83-25.12) | 33.32(31.50-35.22) | 37.49(35.52-39.53) | 31.34(29.42-33.35) | 34.38(32.41-36.42) | 12.29(11.19-13.48) | 13.88(12.70-15.15) | 13.73(12.49-15.06) | 15.18(13.92-16.52) |
|  | Q3 | 18.52(17.67-19.40) | 20.87(19.96-21.82) | 20.33(19.43-21.26) | 20.91(19.99-21.87) | 25.83(24.45-27.27) | 29.76(28.27-31.31) | 28.28(26.83-29.79) | 27.67(26.21-29.18) | 10.59(9.65-11.59) | 11.33(10.33-12.39) | 11.98(10.95-13.07) | 13.89(12.77-15.08) |
|  | Q4 | 15.23(14.51-15.97) | 17.40(16.63-18.20) | 16.74(15.99-17.53) | 15.07(14.34-15.84) | 20.85(19.72-22.03) | 23.18(21.98-24.42) | 21.78(20.63-22.97) | 18.59(17.51-19.72) | 9.05(8.23-9.93) | 10.84(9.93-11.81) | 10.98(10.05-11.97) | 11.05(10.08-12.08) |
|  | Q5 | 12.90(12.24-13.59) | 14.35(13.63-15.10) | 14.20(13.49-14.94) | 14.03(13.30-14.78) | 17.30(16.26-18.39) | 18.55(17.45-19.70) | 17.71(16.63-18.82) | 17.57(16.47-18.72) | 8.26(7.48-9.09) | 10.00(9.09-10.96) | 10.50(9.57-11.48) | 10.06(9.15-11.02) |
| Inequality |  |  |  |  |  |  |  |  |  |  |  |  |
| SII | 19.32(17.74-20.94) | 18.99(17.36-20.64) | 22.00(20.32-23.69) | 21.64(20.00-23.35) | 30.97(28.37-33.69) | 33.12(30.45-35.89) | 35.04(32.37-37.79) | 33.61(30.99-36.33) | 10.49(8.68-12.43) | 8.14(6.26-10.11) | 11.79(9.76-13.95) | 12.76(10.69-14.94) |
| RII | 3.18(2.85-3.57) | 2.75(2.49-3.04) | 3.32(2.98-3.72) | 3.35(3.00-3.77) | 3.93(3.40-4.59) | 3.75(3.29-4.31) | 4.42(3.82-5.20) | 4.47(3.84-5.29) | 2.81(2.30-3.52) | 2.00(1.69-2.40) | 2.60(2.17-3.18) | 2.74(2.29-3.36) |
| RD (Q1-Q5) | 10.21 | 10.10 | 14.40 | 12.42 | 18.64 | 20.53 | 25.75 | 21.78 | 4.8 | 2.92 | 5.71 | 6.05 |
| RR (Q1/Q5) | 1.79 | 1.70 | 2.01 | 1.89 | 2.08 | 2.11 | 2.45 | 2.24 | 1.58 | 1.29 | 1.54 | 1.60 |

Values of Q0-Q5 are presented as ASMR per 100,000 population (95% confidence interval).
ASMR, age-standardized mortality rate; SII, slope index of inequality; RII, relative index of inequality; RD, rate difference; RR, rate ratio; Q0, Medicaid beneficiaries; Q1-Q5, quintile of national health insurance premiums