Supplemental Table A. Sensitivity analysis examining the effect of a 5-50% change in the 2005–2014 U.S. citizen (native and foreign-born) and foreign-born, non-U.S. citizen population reported by the American Community Survey 1-year estimates on the risk ratio for heat-related deaths among non-U.S. citizens compared to U.S. citizens.

|  |  |
| --- | --- |
| U.S. Foreign-born, non-citizen population218,998,019 | U.S. Citizen Population2,851,307,589 |
|  | -50% | -20% | -15% | -10% | -5% | 0 | +5% | +10% | +15% | +20% | +50% |
| -50% | 3.10(2.89, 3.32) | 4.96(4.62, 5.3) | 5.27(4.92, 5.65) | 5.58(5.21, 6.00) | 5.89(5.50, 6.31) | 6.20(5.79, 6.64) | 6.51(6.08, 6.97) | 6.82(6.36, 7.31) | 7.13(6.65, 7.64) | 7.44(6.94, 7.97) | 9.23(8.68, 9.96) |
| -20% | 1.94 (1.81, 2.10) | 3.10(2.89, 3.32) | 3.29 (3.07, 3.53) | 3.49(3.25, 3.74) | 3.68(3.44, 3.94) | 3.87(3.62, 4.15) | 4.07(3.80, 4.36) | 4.26(3.98, 4.57) | 4.46(4.16, 4.77) | 4.65(4.34, 4.98) | 5.81(5.42, 6.23) |
| -15% | 1.82(1.70, 1.95) | 2.92(2.72, 3.13) | 3.10(2.89, 3.32) | 3.28(3.06, 3.52) | 3.46(3.23, 3.71) | 3.65(3.40, 3.91) | 3.83(3.57, 4.10) | 4.01(3.74, 4.30) | 4.19(3.91, 4.49) | 4.38(4.08, 4.69) | 5.47(5.12, 5.86) |
| -10% | 1.72(1.61, 1.85) | 2.76(2.57, 2.95) | 2.92(2.73, 3.14) | 3.10(2.89, 3.32) | 3.27(3.05, 3.51) | 3.44(3.21, 3.69) | 3.62(3.38, 3.87) | 3.79(3.54, 4.06) | 3.96(3.70, 4.24) | 4.13(3.86, 4.43) | 5.17(4.82, 5.54) |
| -5% | 1.63(1.52, 1.75) | 2.61(2.44, 2.80) | 2.77(2.59, 2.97) | 2.94(2.74, 3.15) | 3.10(2.89, 3.32) | 3.26(3.05, 3.50) | 3.43(3.20, 3.67) | 3.59(3.35, 3.85) | 3.75(3.50, 4.02) | 3.92(3.65, 4.20) | 4.89(4.57, 5.24) |
| 0 | 1.55(1.45, 1.66) | 2.48(2.31, 2.66) | 2.63(2.46, 2.82) | 2.79(2.60, 3.00) | 2.94(2.75, 3.16) | 3.10(2.89, 3.32) | 3.25(3.04, 3.49) | 3.41(3.18, 3.65) | 3.56(3.33, 3.82) | 3.72(3.47, 3.99) | 4.65(4.34, 4.98) |
| +5% | 1.48(1.38, 1.58) | 2.36(2.20, 2.53) | 2.51(2.34, 2.69) | 2.66(2.48, 2.85) | 2.80(2.62, 3.00) | 2.95(2.76, 3.16) | 3.10(2.89, 3.32) | 3.25(3.03, 3.48) | 3.40(3.17, 3.64) | 3.54(3.31, 3.80) | 4.43(4.13, 4.74) |
| +10% | 1.41(1.32, 1.51) | 2.25(2.10, 2.42) | 2.40(2.24, 2.57) | 2.54(2.37, 2.72) | 2.68(2.50, 2.87) | 2.82(2.63, 3.02) | 2.96(2.76, 3.17) | 3.10(2.89, 3.32) | 3.24(3.02, 3.47) | 3.38(3.16, 3.62) | 4.23(3.95, 4.53) |
| +15% | 1.35(1.26, 1.44) | 2.16(2.01, 2.31) | 2.29(2.14, 2.45) | 2.43(2.26, 2.60) | 2.56(2.39, 2.74) | 2.70(2.52, 2.89) | 2.83(2.64, 3.03) | 2.97(2.77, 3.18) | 3.10(2.89, 3.32) | 3.23(3.02, 3.47) | 4.04(3.77, 4.33) |
| +20% | 1.29(1.21, 1.38) | 2.07(1.93, 2.21) | 2.20(2.05, 2.35) | 2.32(2.17, 2.49) | 2.45(2.29, 2.63) | 2.58(2.41, 2.77) | 2.71(2.53, 2.91) | 2.84(2.65, 3.04) | 2.97(2.77, 3.18) | 3.10(2.89, 3.32) | 3.87(3.62, 4.15) |
| +50% | 1.03(0.96, 1.11) | 1.65(1.54, 1.77) | 1.75(1.64, 1.88) | 1.86(1.74, 1.99) | 1.96(1.83, 2.10) | 2.07(1.93, 2.21) | 2.17(2.03, 2.32) | 2.27(2.12, 2.44) | 2.38(2.22, 2.55) | 2.48(2.31, 2.66) | 3.10(2.89, 3.32) |