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.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| U.S. Foreign-born, non-citizen population  218,998,019 | U.S. Citizen Population  2,851,307,589 | | | | | | | | | | | |
|  | -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) |