|  |  |  |  |
| --- | --- | --- | --- |
| PM2.5 24-hr Mean | MCA-MCCO | MCCO-PD | MCA-PD |
| Health Outcome | C-R Function | Location | Age | Incidence (95% CI) | Valuation (million $) | Incidence (95% CI) | Valuation (million $) | Incidence (95% CI) | Valuation (million $) |
| Hospital Admissions, Asthma | Babin et al. Sheppard | N/A | 0-64 | -3 (-5, -1) | 0 (0, 0) | -64 (-105, -22) | -1 (-2, 0) | -67 (-109, -23) | -1 (-2, 0) |
| Hospital Admissions, All Respiratory | Kloog et al. Zanobetti et al | N/A | 65-99 | -17 (-34, 11) | -1 (-1, 0) | -353 (-724, 235) | -11 (-23, 7) | -370 (-759, 246) | -12 (-24, 8) |
| Hospital Admissions, Chronic Lung Disease | Moolgavkar | Los Angeles, CA | 18-64 | -8 (-3, -13) | 0 (0, 0) | -162 (-55, -270) | -3 (-5, -1) | -170 (-58, -283) | -3 (-6, -1) |
| Hospital Admissions, All Cardiovascular | Bell et al. Zanobetti et al Peng et al. | N/A | 65-99 | -17 (-34, -6) | -1 (-1, 0) | -342 (-699, -133) | -13 (-26, -5) | -359 (-733, -140) | -14 (-28, -5) |
| Hospital Admissions, All Cardiovascular | Moolgavkar | Los Angeles, CA | 18-64 | -12 (-6, -18) | 0 (-1, 0) | -263 (-137, -390) | -11 (-16, -6) | -275 (-143, -408) | -11 (-16, -6) |
| Acute Bronchitis | Dockery et al. | 24 communities | 8-12 | -163 (38, -364) | 0 (0, 0) | -3508 (816, -7869) | -2 (-5, 0) | -3673 (854, -8238) | -2 (-5, 0) |
| Emergency Room Visits, Asthma | Glad et al. Mar et al. Slaughter et al. | N/A | 0-99 | -64 (-139, 24) | 0 (0, 0) | -1452 (-3217, 523) | -1 (-1, 0) | -1518 (-3365, 547) | -1 (-2, 0) |
| Asthma Exacerbation, Wheeze | Ostro et al. Mar et al. | N/A | 6-18 | -3432 (-7908, 207) | 0 (-1, 0) | -73713 (-170330, 4403) | -4 (-12, 0) | -77177 (-178336, 4610) | -4 (-12, 0) |
| Work Loss Days | Ostro | Nationwide | 18-64 | -14918 (-12623, -17210) | -2 (-3, -2) | -323416 (-272456, -374642) | -50 (-58, -43) | -338761 (-285383, -392422) | -53 (-61, -45) |
| Minor Restricted Activity Days | Ostro and Rothschild | Nationwide | 18-64 | -89437 (-72816, -106048) | -6 (-9, -3) | -1967660 (-1588449, -2351078) | -133 (-203, -70) | -2061334 (-1664022, -2463088) | -139 (-212, -73) |
| Upper Respiratory Symptoms | Pope et al. | Utah Valley | 9-11 | -2997 (-544, -5448) | 0 (0, 0) | -64449 (-11630, -117631) | -2 (-5, 0) | -67470 (-12175, -123143) | -2 (-5, 0) |
| Lower Respiratory Symptoms | Schwartz and Neas | 6 U.S. cities | 7-14 | -2114 (-799, -3436) | 0 (0, 0) | -50519 (-17755, -86471) | -1 (-2, 0) | -52941 (-18591, -90688) | -1 (-2, 0) |
| Acute Myocardial Infarction Nonfatal | Peters et al. | N/A | 18-99 | -118 (-28, -208) | -15 (-37, -2) | -2838 (-613, -5398) | -361 (-965, -55) | -2980 (-643, -5676) | -379 (-1014, -57) |

S2 Table. PM2.5 morbidity results for standard configuration functions.

Values are annual impacts based on July exposure to exacerbated pollution.