|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Low polluted areas**  **(Reference)** | **Moderately polluted areas** | **High polluted areas** |
| **Nitrogen dioxide (NO2)** | **Mortality rate ratio**  (95%CI) | ***All-cause*** | - | 1.02 (0.98 to 1.05) | 1.27\*\* (1.10 to 1.45) |
| ***Cardiovascular disease*** | - | 0.93 (0.87 to 0.99) | 1.09 (0.82 to 1.41) |
| ***Cerebrovascular disease*** | - | 1.08 (0.96 to 1.23) | 1.15 (0.64 to 1.90) |
| ***Respiratory disease*** | - | 1.10\* (1.01 to 1.20) | 1.43\*\* (1.03 to 1.96) |
| ***Chronic liver disease*** | - | 1.07 (0.67 to 1.37) | 1.64 (0.36 to 3.95) |
| **Morbidity rate ratio** (95%CI) | ***Cardiovascular disease*** | - | 0.93\* (0.90 to 0.96) | 1.10 (0.95 to 1.26) |
| ***Cerebrovascular disease*** | - | 0.85\* (0.78 to 0.93) | 1.11 (0.77 to 1.56) |
| ***Respiratory disease*** | - | 0.97 (0.95 to 1.00) | 1.13\* (1.01 to 1.26) |
| ***Chronic liver disease*** | - | 0.91 (0.74 to 1.11) | 1.59 (0.75 to 2.92) |
|  |  |  |  |  |  |
| **Particulate matter (PM10)** | **Mortality rate ratio**  (95%CI) | ***All-cause*** | - | 1.09\* (1.06 to 1.11) | 1.14\*\* (1.08 to 1.20) |
| ***Cardiovascular disease*** | - | 1.02 (0.98 to 1.07) | 1.03 (0.93 to 1.14) |
| ***Cerebrovascular disease*** | - | 1.00 (0.91 to 1.08) | 1.11 (0.90 to 1.33) |
| ***Respiratory disease*** | - | 1.21\* (1.15 to 1.30) | 1.31\*\* (1.15 to 1.50) |
| ***Chronic liver disease*** | - | 1.00 (0.82 to 1.23) | 1.36 (0.91 to 2.00) |
| **Morbidity rate ratio** (95%CI) | ***Cardiovascular disease*** | - | 1.12\* (1.09 to 1.14) | 1.11\* (1.05 to 1.17) |
| ***Cerebrovascular disease*** | - | 1.02 (0.97 to 1.08) | 0.95 (0.83 to 1.08) |
| ***Respiratory disease*** | - | 1.16\* (1.14 to 1.18) | 1.17\*\* (1.12 to 1.21) |
| ***Chronic liver disease*** | - | 1.17 (0.99 to 1.35) | 1.03 (0.75 to 1.15) |
|  |  |  |  |  |  |
| **Particulate matter (PM2.5)** | **Mortality rate ratio**  (95%CI) | ***All-cause*** | - | 1.12\* (1.09 to 1.14) | 1.15\*\* (1.10 to 1.20) |
| ***Cardiovascular disease*** | - | 1.05 (1.00 to 1.09) | 1.03 (0.95 to 1.12) |
| ***Cerebrovascular disease*** | - | 1.00 (0.91 to 1.09) | 1.12 (0.95 to 1.31) |
| ***Respiratory disease*** | - | 1.28\* (1.20 to 1.36) | 1.37\*\* (1.22 to 1.52) |
| ***Chronic liver disease*** | - | 1.08 (0.86 to 1.33) | 1.39 (0.94 to 1.91) |
| **Morbidity rate ratio** (95%CI) | ***Cardiovascular disease*** | - | 1.15\* (1.12 to 1.18) | 1.10\* (1.05 to 1.15) |
| ***Cerebrovascular disease*** | - | 1.07 (1.00 to 1.12) | 0.93 (0.83 to 1.05) |
| ***Respiratory disease*** | - | 1.22\* (1.20 to 1.25) | 1.19\* (1.14 to 1.23) |
| ***Chronic liver disease*** | - | 1.31 (0.99 to 1.52) | 1.31 (1.00 to 1.67) |

\* statistically significant result

\*\* statistically significant result; RR increased as area-level air pollution status worsened