**Supplements**

**S.Table 1 Age-Working Years (number of years)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Age | Working Life | % of Population | Age | Working Life | % of Population |
| 0-4 | 43 | 8.86 | 45-49 | 17 | 6.04 |
| 5-9 | 43 | 8.69 | 50-54 | 12 | 5.37 |
| 10-14 | 43 | 8.60 | 55-59 | 7 | 4.55 |
| 15-19 | 43 | 8.47 | 60-64 | 2 | 3.72 |
| 20-24 | 43 | 8.22 | 65-69 | 0 | 2.96 |
| 25-29 | 43 | 7.93 | 70-74 | 0 | 2.21 |
| 30-34 | 32 | 7.61 | 75-79 | 0 | 1.52 |
| 35-39 | 37 | 7.15 | 80-84 | 0 | 0.91 |
| 40-44 | 22 | 6.59 | 85+ | 0 | 0.60 |
| Total | 30.31 | 100 |  |  |  |

Sources: World Health Organization 2001, World Bank 2016.

**S.Table 2 Monthly and Annual Mean PM2.5 Concentration(**μ**g/m3) in Suzhou, 2014 to 2016**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Year/Month | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
| 2014 | 99.5 | 67 | 70.6 | 61.8 | 76.1 | 61.1 | 55.6 | 51.7 | 41.7 | 54.4 | 70.9 | 80.6 | 65.98 |
| 2015 | 96.2 | 72 | 60.1 | 62.6 | 45.7 | 43.2 | 39.1 | 41.6 | 38.6 | 53.4 | 54.4 | 86.9 | 57.79 |
| 2016 | 72.4 | 62.3 | 62.9 | 45.7 | 42.6 | 32.2 | 30.8 | 23 | 32.8 | 26.7 | 51.2 | 79.5 | 46.78 |

Source: Suzhou Bureau of Environmental Protection

Source: Suzhou Bureau of Environmental Protection 2016

**S.Table 3 Cost of Treatment for Lung Cancer Patients (RMB**￥**) at Suzhou Hospital of Traditional Medicine**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year/Month | Number of Patients | Total Cost | Annual Average Cost | Total Average Cost |
| 2011 | 208 | 2710789 | 13032.64 | 11953.77 |
| 2012 | 268 | 3247469 | 12117.42 |
| 2013 | 240 | 2382219 | 9925.91 |
| 2014 | 224 | 2910828 | 12994.77 |
| 2015 | 192 | 2245018 | 11692.80 |
| 2016.Jan.1st –  2016.Dec.21st | 222 | 2689058 | 12112.87 |

Source: Suzhou Hospital of Traditional Medicine 2016(unpublished data).