**Supplementary Table 4. Age-specific mortality rate of liver cancer, stratified by residence and region in 2020.**

| **Age group** | **All areas** | | |  | **Urban area** | | |  | **Rural area** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Both sexes** | **Male** | **Female** |  | **Both sexes** | **Male** | **Female** |  | **Both sexes** | **Male** | **Female** |
| ALL | | | | | | | | | | | |
| 0- | 0.39 | 0.55 | 0.22 |  | 0.26 | 0.34 | 0.18 |  | 0.48 | 0.69 | 0.24 |
| 30- | 2.64 | 4.38 | 0.88 |  | 1.59 | 2.45 | 0.71 |  | 3.61 | 6.18 | 1.04 |
| 35- | 5.39 | 9.20 | 1.51 |  | 3.56 | 5.80 | 1.24 |  | 6.96 | 12.13 | 1.74 |
| 40- | 11.33 | 19.29 | 3.07 |  | 8.23 | 13.69 | 2.43 |  | 13.78 | 23.80 | 3.57 |
| 45- | 19.08 | 31.80 | 5.89 |  | 14.97 | 24.46 | 4.81 |  | 21.98 | 37.12 | 6.64 |
| 50- | 28.87 | 47.45 | 9.84 |  | 21.84 | 35.98 | 6.80 |  | 33.97 | 56.05 | 11.97 |
| 55- | 42.08 | 67.50 | 16.38 |  | 34.28 | 54.88 | 13.14 |  | 47.87 | 77.00 | 18.76 |
| 60- | 57.33 | 88.74 | 25.64 |  | 48.65 | 77.48 | 19.76 |  | 63.29 | 96.44 | 29.71 |
| 65- | 78.91 | 117.97 | 41.49 |  | 67.76 | 102.82 | 34.62 |  | 86.23 | 127.81 | 46.06 |
| 70- | 103.02 | 145.72 | 62.82 |  | 87.27 | 126.31 | 51.42 |  | 113.48 | 158.33 | 70.55 |
| 75- | 128.13 | 172.81 | 88.92 |  | 112.05 | 151.31 | 78.61 |  | 139.54 | 187.67 | 96.42 |
| 80- | 149.00 | 202.33 | 107.69 |  | 139.65 | 179.03 | 107.86 |  | 155.86 | 220.12 | 107.56 |
| 85- | 164.96 | 220.04 | 129.57 |  | 172.49 | 233.03 | 132.05 |  | 159.43 | 210.12 | 127.80 |
| **Eastern China** | | | | | | | | | | | |
| 0- | 0.29 | 0.40 | 0.15 |  | 0.23 | 0.30 | 0.15 |  | 0.34 | 0.49 | 0.15 |
| 30- | 1.72 | 2.79 | 0.61 |  | 1.12 | 1.63 | 0.58 |  | 2.48 | 4.29 | 0.65 |
| 35- | 3.97 | 6.52 | 1.31 |  | 2.64 | 3.96 | 1.23 |  | 5.53 | 9.60 | 1.40 |
| 40- | 9.16 | 15.43 | 2.56 |  | 6.51 | 10.54 | 2.08 |  | 11.91 | 20.73 | 3.04 |
| 45- | 15.29 | 25.65 | 4.45 |  | 12.12 | 20.04 | 3.41 |  | 18.04 | 30.75 | 5.32 |
| 50- | 23.74 | 39.72 | 7.21 |  | 17.96 | 29.92 | 4.95 |  | 28.85 | 48.83 | 9.11 |
| 55- | 34.13 | 55.98 | 11.99 |  | 27.54 | 45.27 | 9.23 |  | 40.03 | 65.74 | 14.41 |
| 60- | 53.53 | 85.20 | 21.53 |  | 45.40 | 73.87 | 16.77 |  | 60.37 | 94.69 | 25.56 |
| 65- | 68.80 | 105.53 | 33.86 |  | 60.83 | 93.40 | 30.02 |  | 75.09 | 115.05 | 36.90 |
| 70- | 91.32 | 132.16 | 52.94 |  | 78.60 | 115.08 | 45.03 |  | 101.20 | 145.20 | 59.19 |
| 75- | 108.04 | 147.65 | 73.71 |  | 95.81 | 129.03 | 68.00 |  | 118.10 | 162.44 | 78.55 |
| 80- | 128.69 | 183.01 | 88.36 |  | 119.40 | 160.98 | 87.62 |  | 136.75 | 202.74 | 88.98 |
| 85- | 150.83 | 203.39 | 118.33 |  | 161.86 | 219.70 | 125.06 |  | 141.26 | 188.77 | 112.61 |
| **Central China** | | | | | | | | | | | |
| 0- | 0.45 | 0.58 | 0.29 |  | 0.27 | 0.24 | 0.30 |  | 0.52 | 0.72 | 0.29 |
| 30- | 3.31 | 5.59 | 1.12 |  | 2.04 | 3.34 | 0.80 |  | 4.00 | 6.81 | 1.30 |
| 35- | 5.84 | 10.14 | 1.62 |  | 4.18 | 7.17 | 1.28 |  | 6.74 | 11.75 | 1.81 |
| 40- | 12.38 | 21.17 | 3.53 |  | 9.29 | 15.82 | 2.72 |  | 13.96 | 23.92 | 3.95 |
| 45- | 20.41 | 34.54 | 6.22 |  | 17.32 | 28.84 | 5.43 |  | 21.87 | 37.30 | 6.59 |
| 50- | 31.74 | 51.58 | 12.00 |  | 23.41 | 38.71 | 7.49 |  | 35.90 | 58.23 | 14.18 |
| 55- | 48.40 | 76.78 | 20.18 |  | 41.75 | 67.68 | 15.46 |  | 51.79 | 81.48 | 22.56 |
| 60- | 62.72 | 93.04 | 32.28 |  | 54.04 | 82.91 | 25.24 |  | 66.64 | 97.58 | 35.46 |
| 65- | 89.22 | 129.63 | 50.45 |  | 74.22 | 110.09 | 40.63 |  | 95.78 | 138.04 | 54.82 |
| 70- | 122.99 | 169.46 | 79.03 |  | 100.58 | 143.72 | 61.53 |  | 133.27 | 180.88 | 87.32 |
| 75- | 149.05 | 198.45 | 105.37 |  | 123.10 | 170.64 | 82.83 |  | 162.11 | 211.97 | 117.05 |
| 80- | 169.28 | 224.76 | 125.52 |  | 162.81 | 203.34 | 128.37 |  | 172.49 | 236.04 | 124.18 |
| 85- | 188.35 | 240.26 | 154.58 |  | 184.18 | 234.82 | 149.01 |  | 190.41 | 243.10 | 157.23 |
| **Western China** | | | | | | | | | | | |
| 0- | 0.51 | 0.74 | 0.24 |  | 0.32 | 0.49 | 0.13 |  | 0.63 | 0.91 | 0.31 |
| 30- | 3.87 | 6.51 | 1.18 |  | 2.44 | 3.92 | 0.96 |  | 5.04 | 8.57 | 1.36 |
| 35- | 7.65 | 13.39 | 1.78 |  | 5.21 | 9.17 | 1.24 |  | 9.51 | 16.55 | 2.19 |
| 40- | 13.65 | 23.43 | 3.39 |  | 10.49 | 17.87 | 2.82 |  | 16.16 | 27.80 | 3.84 |
| 45- | 23.98 | 39.10 | 7.96 |  | 18.12 | 28.93 | 6.75 |  | 28.46 | 46.81 | 8.89 |
| 50- | 34.77 | 56.64 | 11.95 |  | 28.03 | 45.66 | 9.73 |  | 40.05 | 65.21 | 13.69 |
| 55- | 50.64 | 79.86 | 20.69 |  | 42.04 | 64.08 | 19.52 |  | 57.49 | 92.38 | 21.63 |
| 60- | 57.77 | 90.08 | 25.13 |  | 50.29 | 79.83 | 20.77 |  | 63.51 | 97.86 | 28.50 |
| 65- | 85.25 | 126.96 | 44.86 |  | 75.66 | 114.98 | 38.27 |  | 92.43 | 135.79 | 49.88 |
| 70- | 100.27 | 141.71 | 61.33 |  | 91.51 | 131.78 | 54.23 |  | 106.90 | 149.12 | 66.77 |
| 75- | 140.51 | 188.52 | 97.85 |  | 132.93 | 175.33 | 95.41 |  | 146.58 | 199.05 | 99.81 |
| 80- | 169.13 | 215.47 | 130.50 |  | 165.47 | 195.83 | 138.99 |  | 172.09 | 232.17 | 123.87 |
| 85- | 166.54 | 230.01 | 122.83 |  | 186.33 | 260.52 | 132.79 |  | 150.40 | 203.86 | 114.98 |