**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  |