**Supplementary Table 1.** Age-specific mortality rate of cirrhosis, stratified by residence, and region in 2020

|  | All areas | | |  | Urban areas | | |  | Rural areas | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Both sexes | Male | Female |  | Both sexes | Male | Female |  | Both sexes | Male | Female |
| **ALL** | | | | | | | | | | | |
| 0- | 0.41 | 0.69 | 0.12 |  | 0.31 | 0.52 | 0.08 |  | 0.48 | 0.81 | 0.14 |
| 40- | 2.89 | 5.20 | 0.56 |  | 2.34 | 4.10 | 0.51 |  | 3.32 | 6.09 | 0.60 |
| 45- | 4.66 | 8.30 | 1.03 |  | 4.21 | 7.37 | 0.95 |  | 4.98 | 8.99 | 1.09 |
| 50- | 6.32 | 11.14 | 1.60 |  | 5.76 | 9.83 | 1.59 |  | 6.73 | 12.12 | 1.60 |
| 55- | 7.75 | 13.20 | 2.54 |  | 6.81 | 11.58 | 2.10 |  | 8.45 | 14.44 | 2.88 |
| 60- | 8.77 | 13.93 | 4.01 |  | 9.07 | 14.48 | 3.95 |  | 8.56 | 13.55 | 4.04 |
| 65- | 11.39 | 16.97 | 6.74 |  | 11.52 | 16.85 | 6.96 |  | 11.30 | 17.05 | 6.59 |
| 70- | 14.78 | 19.02 | 11.93 |  | 14.77 | 17.83 | 12.81 |  | 14.78 | 19.80 | 11.29 |
| 75- | 19.42 | 23.60 | 17.27 |  | 20.34 | 23.41 | 18.80 |  | 18.75 | 23.73 | 16.08 |
| 80- | 26.12 | 31.29 | 24.34 |  | 31.05 | 33.22 | 31.14 |  | 22.45 | 29.80 | 19.14 |
| 85- | 36.14 | 43.53 | 34.49 |  | 46.85 | 52.04 | 46.09 |  | 28.17 | 36.94 | 25.60 |
| **Eastern China** | | | | | | | | | | | |
| 0- | 0.29 | 0.50 | 0.07 |  | 0.23 | 0.37 | 0.08 |  | 0.35 | 0.62 | 0.07 |
| 40- | 1.91 | 3.42 | 0.35 |  | 1.50 | 2.57 | 0.35 |  | 2.33 | 4.36 | 0.36 |
| 45- | 3.24 | 5.72 | 0.73 |  | 2.92 | 4.82 | 0.88 |  | 3.52 | 6.54 | 0.60 |
| 50- | 4.45 | 8.05 | 0.84 |  | 4.07 | 6.93 | 1.00 |  | 4.79 | 9.10 | 0.70 |
| 55- | 5.17 | 9.15 | 1.27 |  | 4.76 | 8.27 | 1.18 |  | 5.53 | 9.97 | 1.35 |
| 60- | 6.94 | 10.86 | 3.27 |  | 7.24 | 11.36 | 3.22 |  | 6.68 | 10.42 | 3.32 |
| 65- | 8.63 | 12.55 | 5.40 |  | 8.86 | 12.96 | 5.21 |  | 8.46 | 12.22 | 5.55 |
| 70- | 11.08 | 13.60 | 9.55 |  | 11.58 | 13.35 | 10.48 |  | 10.69 | 13.80 | 8.76 |
| 75- | 15.03 | 15.78 | 15.58 |  | 16.23 | 15.43 | 17.69 |  | 14.03 | 16.07 | 13.67 |
| 80- | 21.76 | 25.28 | 20.80 |  | 25.84 | 25.44 | 27.40 |  | 18.20 | 25.13 | 14.85 |
| 85- | 32.17 | 37.70 | 31.21 |  | 41.63 | 43.71 | 42.29 |  | 23.90 | 32.20 | 21.21 |
| **Central China** | | | | | | | | | | | |
| 0- | 0.29 | 0.49 | 0.09 |  | 0.29 | 0.53 | 0.03 |  | 0.29 | 0.48 | 0.11 |
| 40- | 2.11 | 3.84 | 0.45 |  | 2.34 | 4.16 | 0.61 |  | 1.99 | 3.68 | 0.36 |
| 45- | 3.35 | 6.06 | 0.76 |  | 3.59 | 6.56 | 0.68 |  | 3.23 | 5.82 | 0.80 |
| 50- | 5.15 | 8.99 | 1.59 |  | 6.18 | 10.52 | 1.99 |  | 4.62 | 8.20 | 1.36 |
| 55- | 6.69 | 10.82 | 3.06 |  | 7.14 | 12.45 | 2.10 |  | 6.45 | 9.97 | 3.61 |
| 60- | 7.54 | 12.03 | 3.61 |  | 10.38 | 17.66 | 3.67 |  | 6.24 | 9.49 | 3.57 |
| 65- | 9.13 | 13.52 | 5.78 |  | 11.43 | 16.19 | 7.82 |  | 8.10 | 12.35 | 4.76 |
| 70- | 12.87 | 16.56 | 10.85 |  | 14.43 | 16.90 | 13.50 |  | 12.13 | 16.40 | 9.45 |
| 75- | 15.00 | 18.73 | 13.41 |  | 16.11 | 19.04 | 14.91 |  | 14.43 | 18.58 | 12.53 |
| 80- | 23.17 | 27.75 | 22.76 |  | 28.56 | 29.80 | 30.55 |  | 20.41 | 26.66 | 18.64 |
| 85- | 27.28 | 36.18 | 24.94 |  | 39.47 | 46.88 | 38.05 |  | 21.07 | 30.50 | 17.96 |
| **Western China** | | | | | | | | | | | |
| 0- | 0.74 | 1.25 | 0.22 |  | 0.49 | 0.84 | 0.14 |  | 0.92 | 1.53 | 0.28 |
| 40- | 5.23 | 9.40 | 0.99 |  | 3.84 | 6.96 | 0.73 |  | 6.33 | 11.31 | 1.21 |
| 45- | 8.61 | 15.26 | 1.82 |  | 7.12 | 12.92 | 1.29 |  | 9.75 | 17.03 | 2.24 |
| 50- | 11.22 | 19.46 | 2.97 |  | 8.71 | 15.15 | 2.35 |  | 13.20 | 22.80 | 3.48 |
| 55- | 14.49 | 24.71 | 4.55 |  | 11.04 | 18.33 | 4.13 |  | 17.25 | 29.73 | 4.90 |
| 60- | 13.68 | 21.99 | 5.77 |  | 11.51 | 17.93 | 5.62 |  | 15.35 | 25.05 | 5.89 |
| 65- | 19.52 | 29.79 | 10.37 |  | 16.87 | 25.31 | 9.68 |  | 21.51 | 33.06 | 10.91 |
| 70- | 23.67 | 31.72 | 17.23 |  | 20.91 | 26.94 | 16.46 |  | 25.76 | 35.25 | 17.82 |
| 75- | 32.90 | 43.95 | 24.65 |  | 32.01 | 42.31 | 24.43 |  | 33.62 | 45.25 | 24.82 |
| 80- | 39.89 | 48.64 | 34.48 |  | 45.85 | 53.88 | 41.09 |  | 35.03 | 44.21 | 29.26 |
| 85- | 56.59 | 65.21 | 53.42 |  | 66.30 | 75.39 | 62.96 |  | 48.64 | 56.53 | 45.82 |