**Supplementary Table 4.** Crude rates, age-standardized mortality rates in China (ASMRC) and in the world (ASMRW) and average annual percentage change (AAPC) of cirrhosis by region in China, 2008–2020

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | Eastern China |  | Central China |  | Western China |
| Crude rate (1/105) | ASMRC(1/105) | ASMRW(1/105) |  | Crude rate (1/105) | ASMRC(1/105) | ASMRW(1/105) |  | Crude rate (1/105) | ASMRC(1/105) | ASMRW(1/105) |
| 2008 | 4.94  | 4.88  | 3.74  |  | 5.19  | 4.63  | 3.95  |  | 10.22  | 8.61  | 7.74  |
| 2009 | 5.10  | 5.20  | 3.90  |  | 5.44  | 4.99  | 4.18  |  | 10.93  | 9.34  | 8.36  |
| 2010 | 4.88  | 4.98  | 3.72  |  | 5.34  | 4.99  | 4.05  |  | 10.30  | 9.06  | 7.92  |
| 2011 | 4.04  | 4.43  | 3.07  |  | 5.15  | 5.05  | 3.90  |  | 10.28  | 9.42  | 7.80  |
| 2012 | 3.80  | 4.30  | 2.88  |  | 4.82  | 4.99  | 3.64  |  | 10.18  | 9.93  | 7.73  |
| 2013 | 3.92  | 4.33  | 2.96  |  | 4.77  | 5.02  | 3.63  |  | 10.43  | 10.50  | 7.96  |
| 2014 | 3.72  | 4.15  | 2.85  |  | 4.19  | 4.50  | 3.19  |  | 9.92  | 10.26  | 7.59  |
| 2015 | 3.24  | 3.65  | 2.47  |  | 3.56  | 3.85  | 2.72  |  | 7.52  | 7.78  | 5.79  |
| 2016 | 3.01  | 3.45  | 2.32  |  | 3.20  | 3.61  | 2.45  |  | 7.23  | 7.78  | 5.61  |
| 2017 | 3.03  | 3.52  | 2.36  |  | 3.39  | 3.86  | 2.62  |  | 7.04  | 7.38  | 5.45  |
| 2018 | 2.90  | 3.46  | 2.26  |  | 3.00  | 3.49  | 2.30  |  | 7.05  | 7.57  | 5.45  |
| 2019 | 2.77  | 3.47  | 2.09  |  | 2.87  | 3.48  | 2.16  |  | 6.29  | 7.20  | 4.75  |
| 2020 | 2.68  | 3.51  | 2.03  |  | 2.94  | 3.72  | 2.22  |  | 6.27  | 7.41  | 4.73  |
| AAPC (95% CI) 2008-2020 | -3.6(-4.5 to -2.8) | -5.5(-6.3 to -4.7) | -5.4(-6.2 to -4.6) |  | -2.3(-5.7 to 1.1) | -5.1(-8.3 to -1.8) | -5.2(-8.7 to -1.6) |  | -1.4(-3.4 to 0.8) | -4.1(-6.6 to -1.6) | -4.8(-6.8 to -2.7) |
| P-Value | <0.001 | <0.001 | <0.001 |  | 0.18 | 0.003 | 0.005 |  | 0.213 | 0.002 | <0.001 |
| AAPC (95% CI) 2008-2013 |  |  |  |  | 1(-2.5 to 4.6) | -2.5(-5.9 to 1) | -2.6(-6.3 to 1.1) |  | 4(1.7 to 6.3) | 0(-2.7 to 2.7) | -1.3(-5.7 to 3.4) |
| P-Value |  |  |  |  | 0.518 | 0.123 | 0.132 |  | 0.006 | 0.998 | 0.549 |
| AAPC (95% CI) 2013-2016 |  |  |  |  | -10.7(-23.8 to 4.6) | -12.2(-25 to 2.7) | -11.7(-25.5 to 4.6) |  | -10.4(-18.8 to -1.2) | -11.6(-21.7 to -0.3) | -7.3(-9.8 to -4.6) |
| P-Value |  |  |  |  | 0.124 | 0.086 | 0.118 |  | 0.034 | 0.047 | 0 |
| AAPC (95% CI) 2016-2020 |  |  |  |  | 0.2(-4.7 to 5.4) | -2.8(-7.5 to 2.1) | -3.3(-8.4 to 2) |  | -0.7(-3.8 to 2.4) | -3.4(-7 to 0.4) |  |
| P-Value |  |  |  |  | 0.918 | 0.199 | 0.168 |  | 0.567 | 0.07 |  |