**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 |  |