**Supplementary Table 7. Crude rates, ASMRC, ASMRW, and AAPC of liver cancer by region in 2008–2020 in China.**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | 30.00 | 29.87 | 22.85 |  | 31.29 | 34.90 | 26.79 |  | 28.99 | 34.00 | 26.17 |
| 2009 | 30.16 | 29.47 | 22.48 |  | 28.48 | 31.25 | 23.93 |  | 30.63 | 35.24 | 27.06 |
| 2010 | 29.58 | 28.73 | 22.06 |  | 29.65 | 31.97 | 24.45 |  | 31.61 | 35.98 | 27.48 |
| 2011 | 27.27 | 24.77 | 18.95 |  | 27.96 | 28.66 | 22.01 |  | 29.18 | 31.75 | 24.19 |
| 2012 | 26.32 | 23.52 | 18.01 |  | 29.58 | 28.67 | 22.06 |  | 32.08 | 32.76 | 25.18 |
| 2013 | 24.64 | 22.36 | 17.13 |  | 25.50 | 24.32 | 18.64 |  | 26.90 | 26.54 | 20.34 |
| 2014 | 26.62 | 23.84 | 18.34 |  | 29.34 | 27.25 | 20.93 |  | 31.48 | 30.46 | 23.40 |
| 2015 | 24.86 | 22.15 | 17.13 |  | 28.34 | 26.20 | 20.29 |  | 25.70 | 24.83 | 19.17 |
| 2016 | 24.15 | 20.97 | 16.32 |  | 28.83 | 25.45 | 19.78 |  | 25.03 | 23.29 | 18.17 |
| 2017 | 24.03 | 20.63 | 16.17 |  | 28.49 | 24.86 | 19.42 |  | 24.96 | 23.67 | 18.51 |
| 2018 | 23.24 | 19.36 | 15.22 |  | 27.86 | 23.63 | 18.47 |  | 24.81 | 22.92 | 17.93 |
| 2019 | 22.62 | 17.83 | 13.66 |  | 28.36 | 22.94 | 17.43 |  | 25.09 | 21.58 | 16.44 |
| 2020 | 22.53 | 16.97 | 13.00 |  | 29.09 | 22.56 | 17.18 |  | 26.86 | 22.34 | 16.91 |
| AAPC (95% CI)  2008−2020 | −2.5  (−3 to −2) | −4.4  (−5.1 to −3.8) | −4.3  (−5 to −3.6) |  | −0.3  (−1.1 to 0.4) | −3.2  (−4 to −2.4) | −3.2  (−4 to −2.4) |  | −1.9  (−3 to −0.7) | −4.5  (−5.5 to −3.5) | −4.5  (−5.5 to −3.5) |
| *p*-value | < 0.001 | < 0.001 | < 0.001 |  | 0.365 | < 0.001 | < 0.001 |  | 0.004 | < 0.001 | < 0.001 |

ASMRC, age-standardized mortality rate adjusted by the Chinese standard population; ASMRW, age-standardized mortality rate adjusted by the world standard population; AAPC, average annual percentage change.