**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.