**Supplementary Table 5. Crude rates, ASMRC, ASMRW, and AAPC of liver cancer and by sex in 2008–2020 in China.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year** | **Both sexes** |  | **Male** |  | **Female** |
| **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 | 30.16 | 32.60 | 25.01 |  | 43.71 | 48.85 | 37.42 |  | 16.03 | 16.83 | 12.90 |
| 2009 | 29.71 | 31.53 | 24.12 |  | 43.41 | 47.80 | 36.55 |  | 15.36 | 15.82 | 12.07 |
| 2010 | 30.16 | 31.62 | 24.22 |  | 43.90 | 47.95 | 36.68 |  | 15.78 | 16.05 | 12.27 |
| 2011 | 28.01 | 27.72 | 21.21 |  | 40.99 | 42.61 | 32.55 |  | 14.55 | 13.74 | 10.51 |
| 2012 | 28.93 | 27.54 | 21.16 |  | 42.01 | 41.61 | 31.99 |  | 15.31 | 13.83 | 10.55 |
| 2013 | 25.49 | 23.99 | 18.38 |  | 36.93 | 36.01 | 27.65 |  | 13.66 | 12.19 | 9.24 |
| 2014 | 28.70 | 26.50 | 20.37 |  | 41.60 | 39.83 | 30.65 |  | 15.18 | 13.24 | 10.10 |
| 2015 | 26.13 | 24.01 | 18.56 |  | 37.87 | 36.16 | 27.99 |  | 13.86 | 12.01 | 9.20 |
| 2016 | 25.76 | 22.84 | 17.77 |  | 37.33 | 34.51 | 26.88 |  | 13.69 | 11.25 | 8.70 |
| 2017 | 25.59 | 22.61 | 17.69 |  | 37.11 | 34.21 | 26.81 |  | 13.62 | 11.14 | 8.64 |
| 2018 | 25.02 | 21.48 | 16.84 |  | 36.05 | 32.45 | 25.47 |  | 13.55 | 10.62 | 8.25 |
| 2019 | 24.95 | 20.26 | 15.46 |  | 36.06 | 30.75 | 23.51 |  | 13.39 | 10.05 | 7.60 |
| 2020 | 25.57 | 19.92 | 15.19 |  | 36.63 | 30.15 | 23.04 |  | 14.05 | 10.01 | 7.54 |
| AAPC (95% CI) 2008–2020 | −1.7(−2.3 to −1.1) | −4.1(−4.7 to −3.5) | −4.1(−4.7 to −3.4) |  | −1.8(−2.4 to −1.2) | −4.1(−4.8 to −3.5) | −4(−4.7 to −3.4) |  | −1.4(−2 to −0.7) | −4.4(−5 to −3.7) | −4.4(−5 to −3.7) |
| *p*-value | < 0.001 | < 0.001 | < 0.001 |  | < 0.001 | < 0.001 | < 0.001 |  | < 0.001 | < 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.