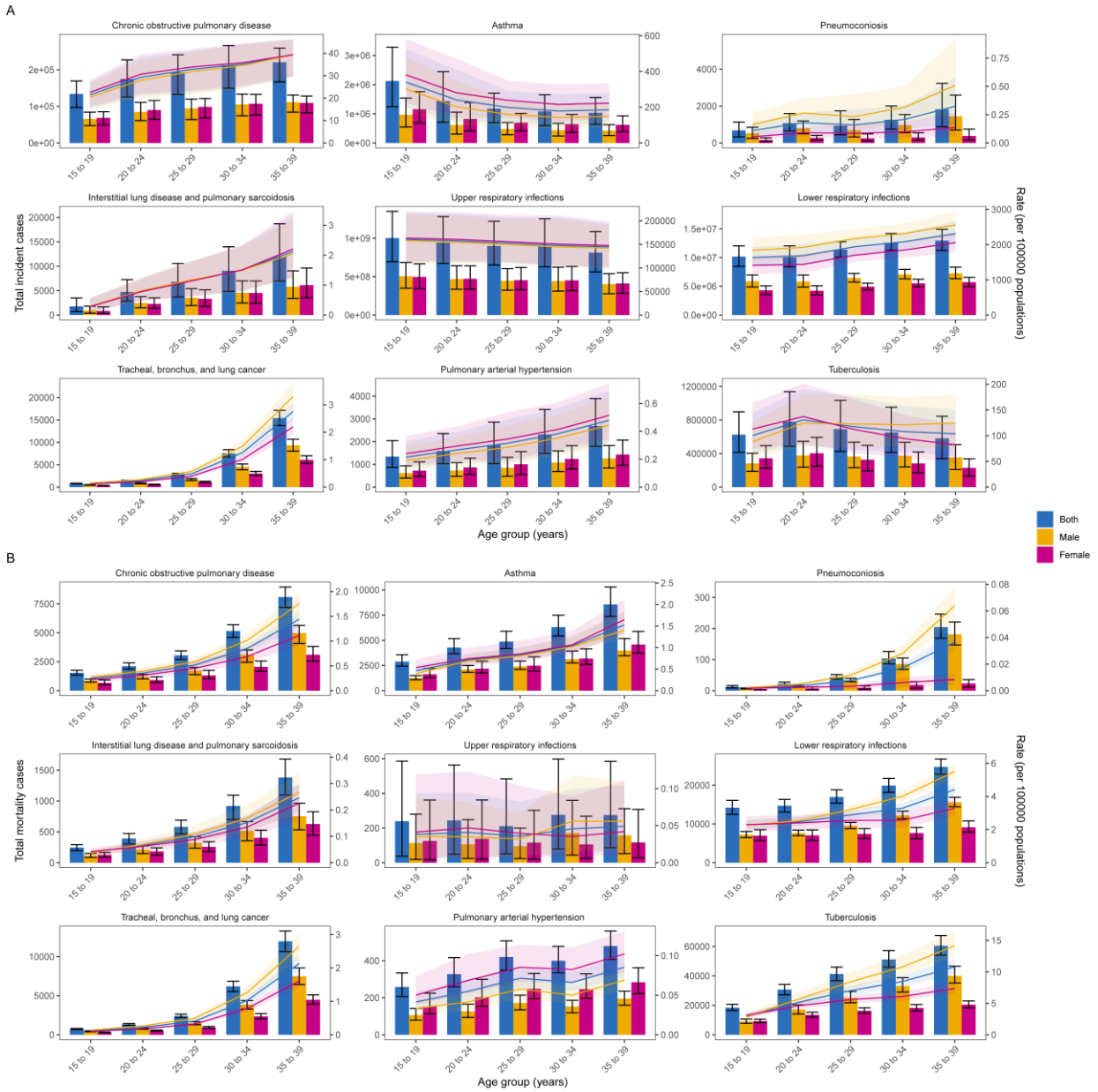
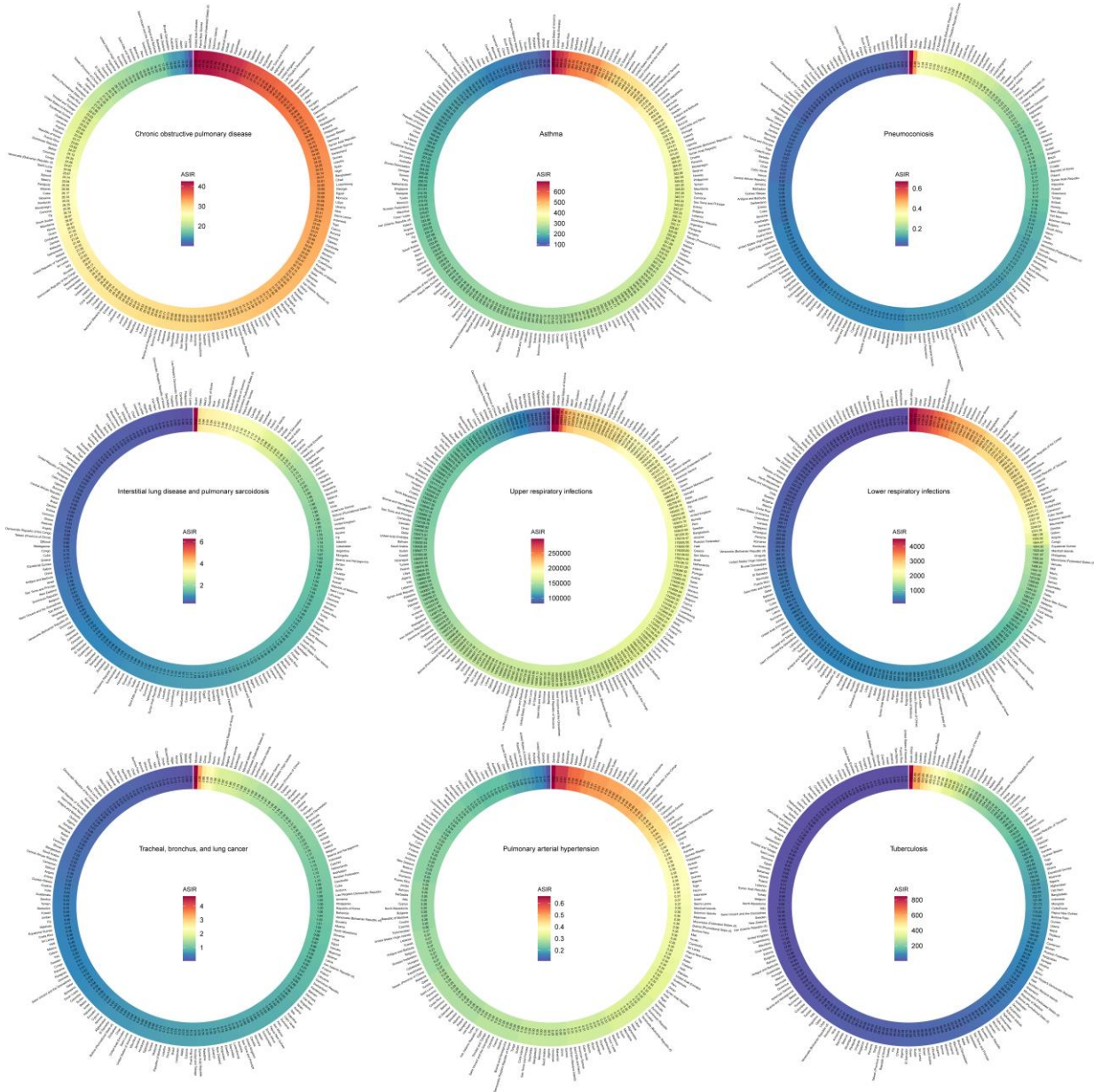


**Supplementary Figure S1.** Total cases and rates of incidence (A) and mortality (B) of respiratory diseases among adolescents and young adults across gender and age groups in 2021. Error bars indicate the 95% certainty interval for numbers



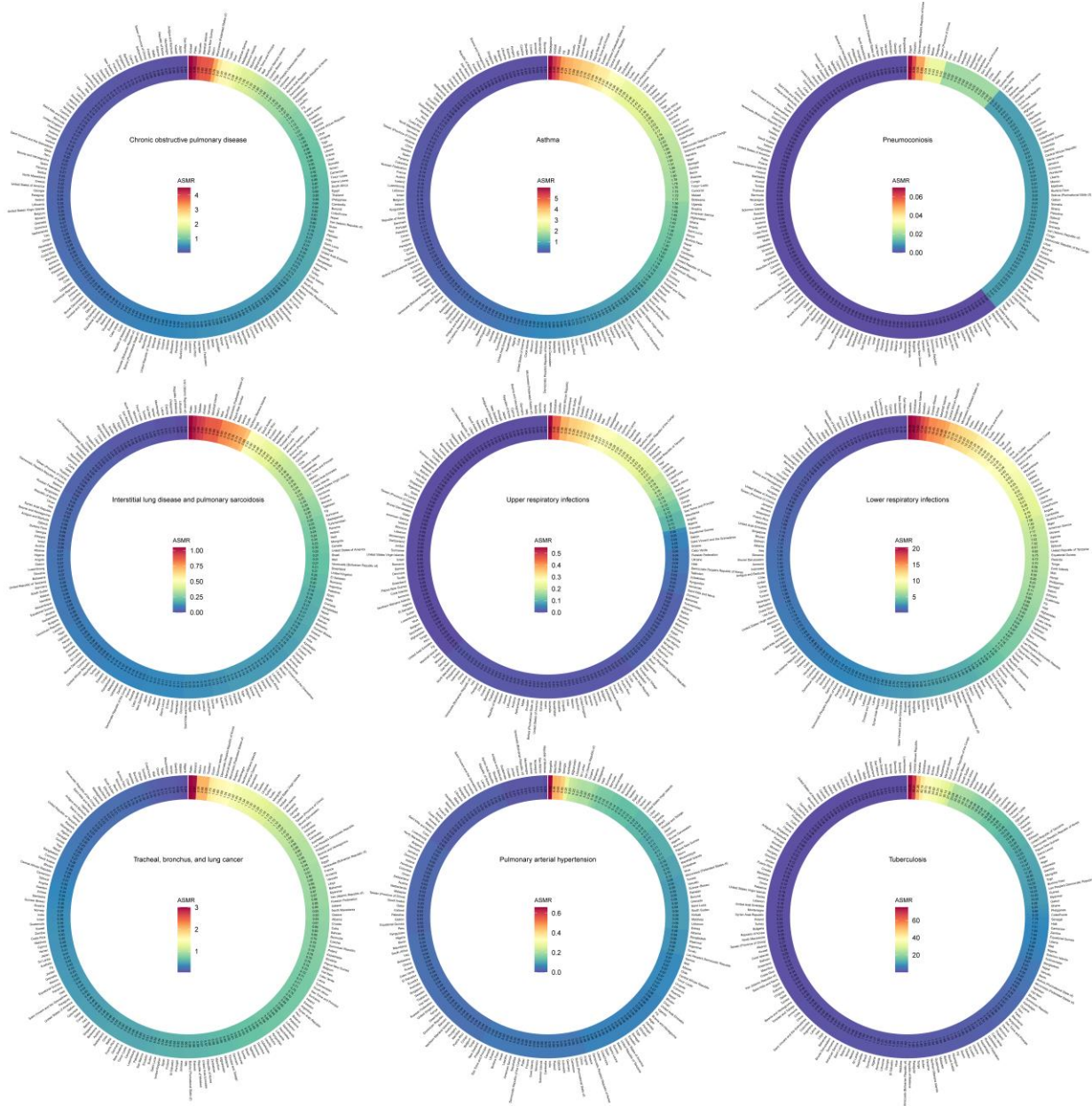
**Supplementary Figure S2.** Age-standardized incidence rate for respiratory diseases among adolescents and young adults across 204 countries in 2021

ASIR, age-standardized incidence rate.

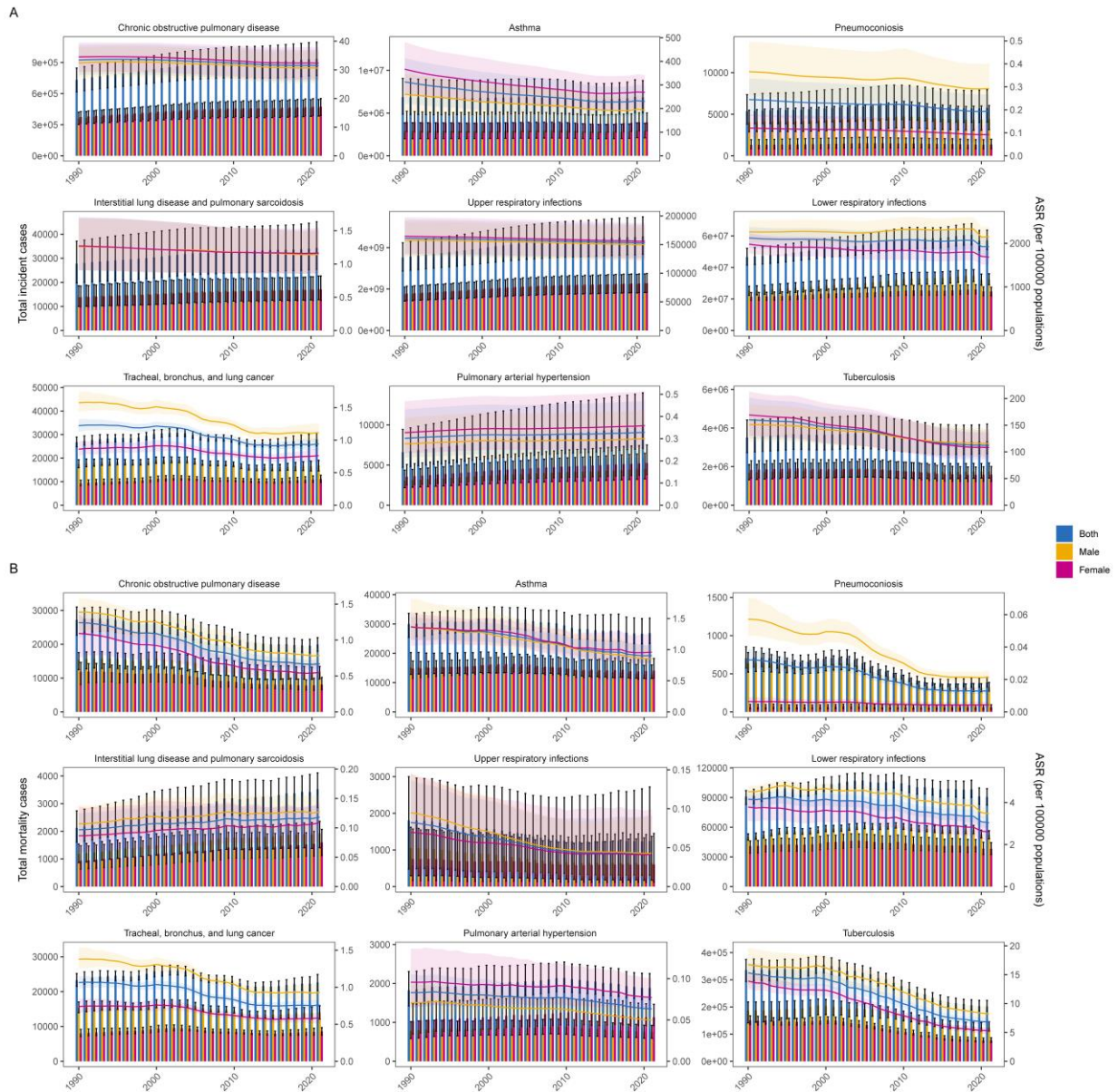


**Supplementary Figure S3.** Age-standardized mortality rate for respiratory diseases among adolescents and young adults across 204 countries in 2021

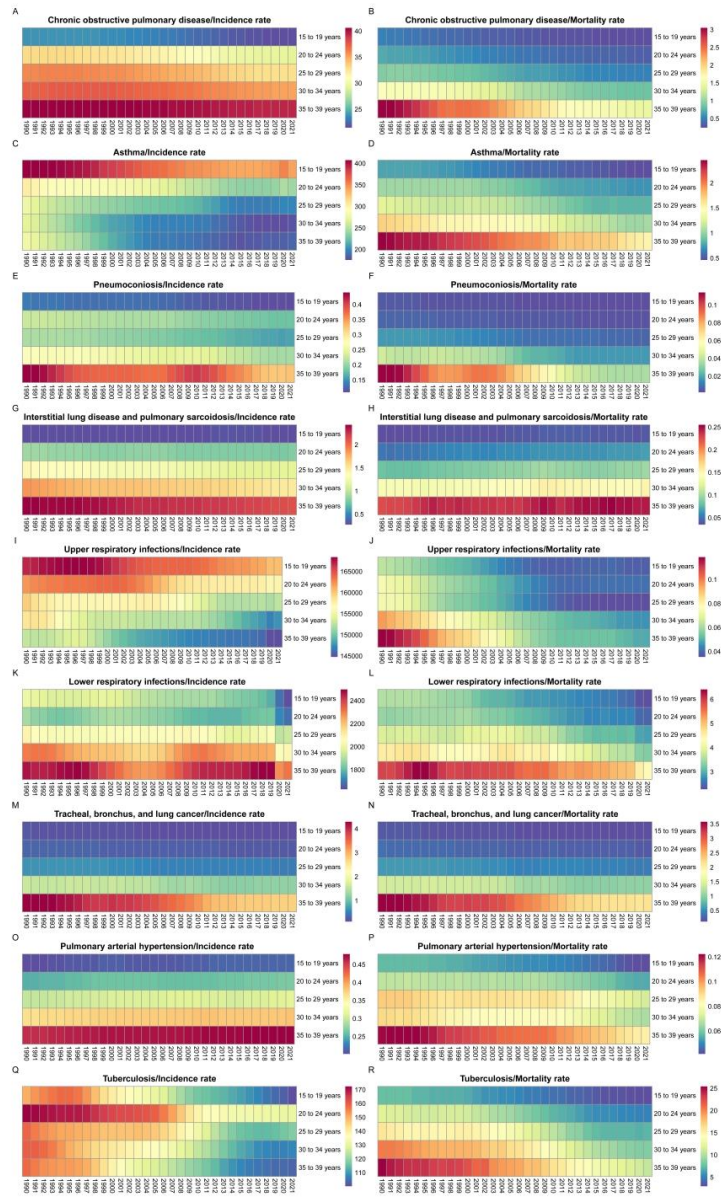
ASMR, age-standardized mortality rate.



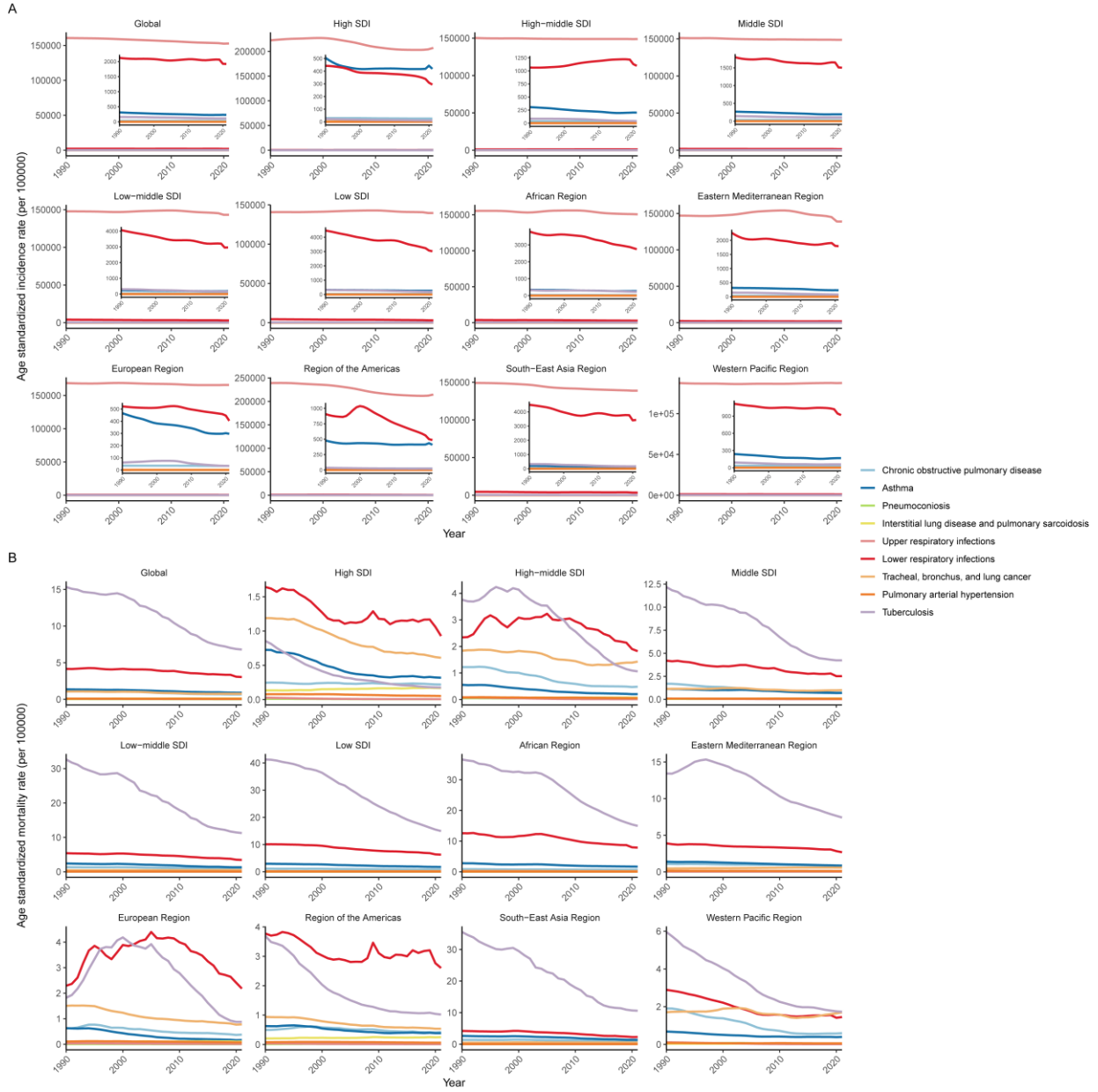
**Supplementary Figure S4.** Total cases and rates of incidence (A) and mortality (B) of respiratory diseases among adolescents and young adults across gender and age groups from 1990 to 2021. Error bars indicate the 95% certainty interval for numbers



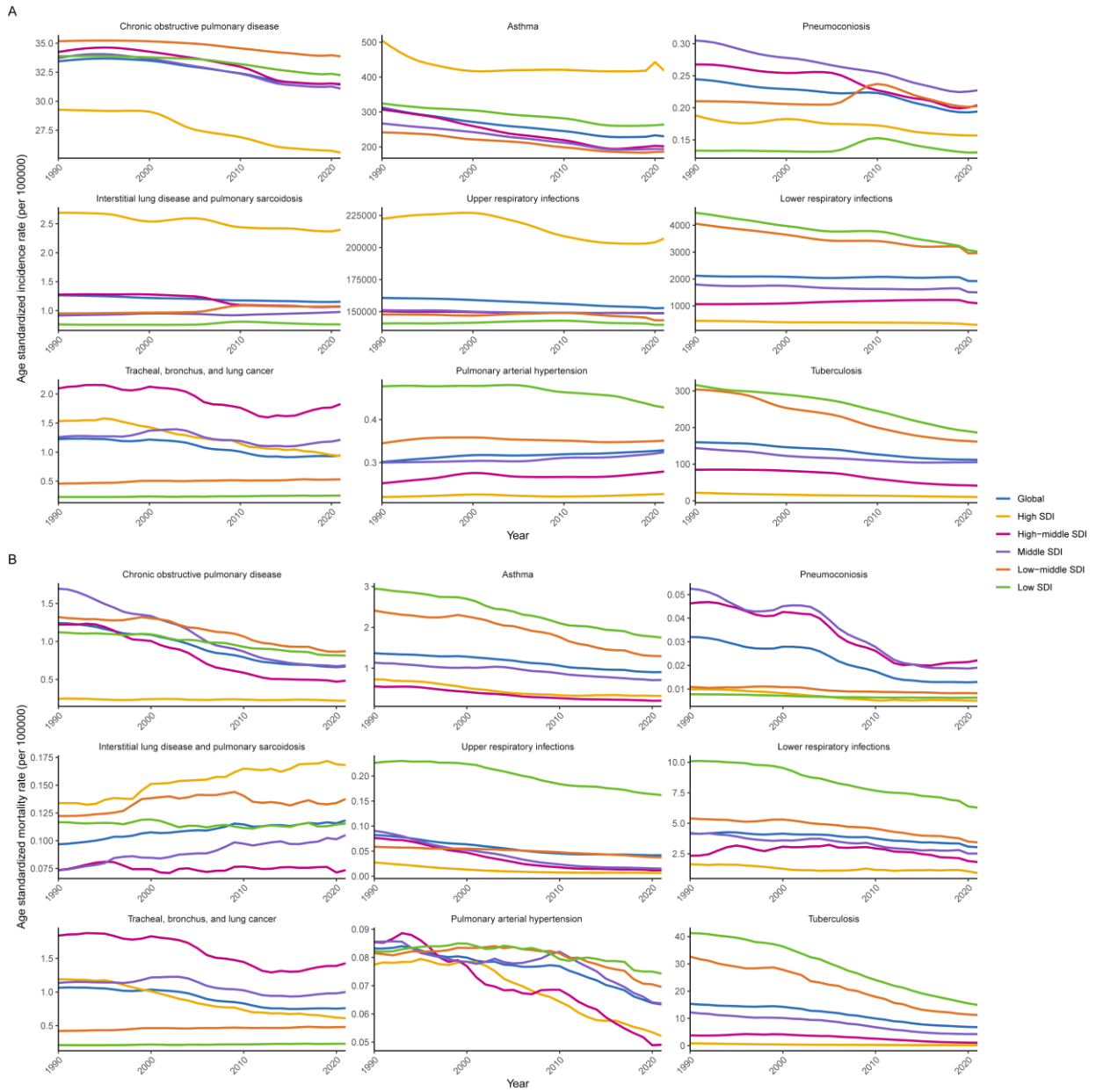
**Supplementary Figure S5.** Age-specific rates of incidence and mortality of respiratory diseases among adolescents and young adults from 1990 to 2021



**Supplementary Figure S6.** Trend analyses of age-standardized rates of incidence (A) and mortality (B) of respiratory diseases among adolescents and young adults by location and sociodemographic index from 1990 to 2021



**Supplementary Figure S7.** Trend analyses of age-standardized rates of incidence (A) and mortality (B) of respiratory diseases among adolescents and young adults by sociodemographic index from 1990 to 2021



**Supplementary Figure S8.** Age-standardized rates of incidence and mortality of respiratory diseases among adolescents and young adults by GBD region, and the expected values based on the SDI from 1990 to 2021  
 GBD, Global Burden of Disease study; SDI, sociodemographic index.

