

## Sources: State Data

### Recommended Spending Levels

**CDC annual spending recommendations.** CDC annual spending recommendations are based on CDC's *Best Practices for Comprehensive Tobacco Control Programs—2014*, [http://www.cdc.gov/tobacco/stateandcommunity/best\\_practices/](http://www.cdc.gov/tobacco/stateandcommunity/best_practices/).

### State Tobacco Prevention Spending

**State spending on tobacco prevention.** State spending amounts are collected from state tobacco control program staff and state-based advocates. Spending amounts only include state funds.

### Revenue Data

**State settlement revenue estimates.** State settlement revenue estimates reflect base payments made to the states adjusted for inflation and volume as required by the Master Settlement Agreement.

**State tobacco tax revenue estimates.** State tobacco tax revenue estimates are based on monthly and annual revenue reports from Orzechowski & Walker's *Tax Burden on Tobacco* (industry-funded reports), and account for ongoing background declines in smoking as well as projected new revenues from recent tobacco tax increases.

### Marketing Data

**Estimated annual tobacco company marketing in state.** U.S. Federal Trade Commission (FTC), *Cigarette Report for 2022*, October 2023, [https://www.ftc.gov/system/files/ftc\\_gov/pdf/2022-Cigarette-Report.pdf](https://www.ftc.gov/system/files/ftc_gov/pdf/2022-Cigarette-Report.pdf) [data for top 4 manufacturers only]; FTC, *Smokeless Tobacco Report for 2022*, October 2023, [https://www.ftc.gov/system/files/ftc\\_gov/pdf/2022-Smokeless-Tobacco-Report.pdf](https://www.ftc.gov/system/files/ftc_gov/pdf/2022-Smokeless-Tobacco-Report.pdf) [data for top 5 manufacturers only].

**Ratio of tobacco company marketing to spending.** Estimated annual tobacco company marketing in state divided by state spending on tobacco prevention as reported in this new report. State marketing estimates are prorated based on cigarette pack sales in state.

### Toll Data

**Adult smoking rates.** State adult smoking rates from 2022 Behavioral Risk Factor Surveillance System (BRFSS).

**Youth smoking and e-cigarette rates.** State youth smoking rates from most recent year available: Youth Risk Behavioral Surveillance (YRBS); Youth Tobacco Surveillance (YTS); and other state-specific surveys.

**Smoking-caused deaths.** Includes deaths caused by cigarette smoking but not deaths caused by other forms of combustible tobacco or smokeless tobacco products, which are expected to be in the thousands per year. CDC, *Best Practices for Comprehensive Tobacco Control Programs—2014*, [http://www.cdc.gov/tobacco/stateandcommunity/best\\_practices/](http://www.cdc.gov/tobacco/stateandcommunity/best_practices/).

**Smoking-caused healthcare costs.** CDC, *Best Practices for Comprehensive Tobacco Control Programs—2014*, [http://www.cdc.gov/tobacco/stateandcommunity/best\\_practices/](http://www.cdc.gov/tobacco/stateandcommunity/best_practices/), updated to 2018 dollars. Health costs do not include estimated annual costs from lost productivity due to premature death and exposure to secondhand smoke.

**State proportion of cancer deaths attributable to smoking.** Islami, F, et al., "Person-years of life lost and lost earnings from cigarette smoking-attributable cancer deaths, United States, 2019," *International Journal of Cancer*, August 10, 2022. Includes 13 smoking-related cancers: oral cavity, pharynx, esophagus, stomach, colorectum, liver and intrahepatic bile duct (liver), pancreas, larynx, lung and bronchus (lung), cervix uteri (cervix), kidney and renal pelvis (kidney), urinary bladder, and acute myeloid leukemia.

**Residents' state & federal tax burden from smoking-caused government expenditures.** Based on data from: CDC, *Best Practices for Comprehensive Tobacco Control Programs—2014*; Shrestha, SS, et al., "Cost of Cigarette Smoking—Attributable Productivity Losses, U.S., 2018," *AJPM*, July 27, 2022; Xu, X, et al., "U.S. healthcare spending attributable to cigarette smoking in 2014," *Preventive Medicine* 150:106529, 2021; State and federal tax burden equals state residents' federal & state tax payments necessary to cover all state government tobacco-caused costs plus the residents' pro-rated share, based on state populations, of all federal tobacco-caused costs.