

Appendix E:

Data Sources

Deaths Caused by Smoking

Annual Average Smoking-Attributable Deaths:

Data were obtained from the Adult Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) system. Data are annual averages among adults aged 35 years and older from 2005–2009. The estimates were calculated using the smoking-attributable outcomes and general approach outlined in the 2014 Surgeon General’s Report on Smoking and Health. These estimates do not include deaths related to burns or secondhand smoke. All figures were rounded to the nearest hundred.²

Youth Projected to Die from Smoking: This measure is calculated using estimates of youth projected to start smoking as well as estimates of premature deaths attributable to smoking among continuing smokers and among those who quit after 35 years of age.² Data on the number of youth projected to start smoking were obtained using the number of persons aged 0–17 years in each state from the U.S. Census Bureau (July 1, 2012 estimates).³ The average prevalence of smoking among adults aged 18–30 years for each state was obtained from the 2011–2012 Behavioral Risk Factor Surveillance System.⁴ Data on premature deaths attributable to smoking were obtained from the Adult Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) system.¹ All figures were rounded to the nearest hundred.

Annual Costs Incurred from Smoking

Annual Costs Incurred from Smoking: Estimates were obtained on the basis of smoking-attributable fractions obtained from the Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) system,¹ and state-specific health care expenditure data were obtained from the Centers for Medicare and Medicaid Services.⁵ All figures were rounded to the nearest million.

State Revenue from Tobacco Sales and Settlement

Tobacco Tax Revenue: Data for fiscal year 2012 were obtained from The *Tax Burden on Tobacco, 2012*.⁶ Figures were rounded to the nearest hundred thousand.

Tobacco Settlement Payment: Data for fiscal year 2012 were obtained from the State Tobacco Activities Tracking and Evaluation (STATE) System.⁷ Data were provided to the STATE System by the National Association of Attorneys General for the 46 states and District of Columbia that participated in the Master Settlement Agreement (MSA). Payments for four non-MSA states were obtained by direct contact with those states. All figures were rounded to the nearest hundred thousand.

State Revenue from Tobacco Sales and Settlement:

Total figures were obtained by adding the total tobacco tax revenue and tobacco settlement payment figures above. All figures were rounded to the nearest hundred thousand.

State-Specific Factors Used in Funding Recommendation Formulas

Total Population Size, Population of Adults Aged 18 years and Older, and Population Estimates by Race:

Data were obtained from the U.S. Census Bureau for total state populations (July 1, 2012 estimates).³ The estimates are based on the 2010 Census and reflect changes to the April 1, 2010 population due to the Count Question Resolution program and geographic program revisions.

Cigarette Smoking Prevalence: Data were obtained from the 2012 Behavioral Risk Factor Surveillance System (BRFSS).⁴

Poverty Status: Data were obtained from the 2012 Annual Social and Economic Supplement (ASEC) of the Current Population Survey (CPS).⁸

Average Annual Salary to Implement Public Health Programs: Data were obtained from the 2012 Quarterly Census of Employment and Wages, U.S. Bureau of Labor Statistics.⁹

Number of Local Health Units: Data were obtained from the National Association of County and City Health Officials.¹⁰

Designated Market Area Cost and Reach of Targeted

Audience: Data for the year 2013 were obtained from AC Nielsen through PlowShare Group Inc.¹¹

Land Area: Data were obtained from the 2010 State Area Measurements and Internal Point Coordinates report of the U.S. Census Bureau.¹²

Consumer Price Index: Data were obtained from the U.S. Bureau of Labor Statistics.¹³

References

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3. U.S. Census Bureau. Population Estimates; <<http://www.census.gov/>>; accessed: December 2, 2013.
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5. Centers for Medicaid and Medicare Services. National Health Expenditure Data; <<http://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html>>; accessed: December 2, 2013.
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7. Centers for Disease Control and Prevention. State Tobacco Activities Tracking and Evaluation (STATE) System; <<http://www.cdc.gov/tobacco/statesystem>>; accessed: December 2, 2013.
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11. PlowShare Group Inc. Unpublished data. 2013.
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