

Crunching the Numbers: How Much Tobacco Costs Us

Use the given information to solve each problem. Choose the correct answer.

- Annual health care costs from smoking: \$1.88 billion
 - Medicaid costs from smoking: \$283.8 million
 - Tax burden per household from smoking costs: \$1,057 per household
 - Productivity losses from smoking: \$4.6 billion
 - Population of Oklahoma: 4 million
 - Number of households in Oklahoma: 1.5 million
1. If the annual health care costs were divided equally among Oklahoma's population, how much would each person pay? Round to the nearest dollar.
A. \$470 B. \$690 C. \$2000 D. \$140
 2. What percentage of the annual health care costs from smoking does Medicaid cover? Round to the nearest whole percent.
A. 13% B. 15% C. 17% D. 19%
 3. If a pack of cigarettes costs \$8, how many packs could be bought with the amount each household pays in taxes due to smoking? Round to the nearest whole number.
A. 128 B. 131 C. 132 D. 134
 4. What is the total cost of smoking in Oklahoma, including health care, Medicaid, and productivity losses?
A. \$6.76 billion B. \$6.26 billion C. \$5.96 billion D. \$5.06 billion
 5. If productivity losses are spread equally across the working population (assume 2 million workers), how much is lost per worker annually?
A. \$2,200 B. \$2,300 C. \$2,400 D. \$2,500

ANSWER SHEET

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