



Now Open: Tobacco Use Data

Panel: Using Data Systems to Inform Tobacco Prevention and Control Efforts

2017 National Conference on Tobacco or Health

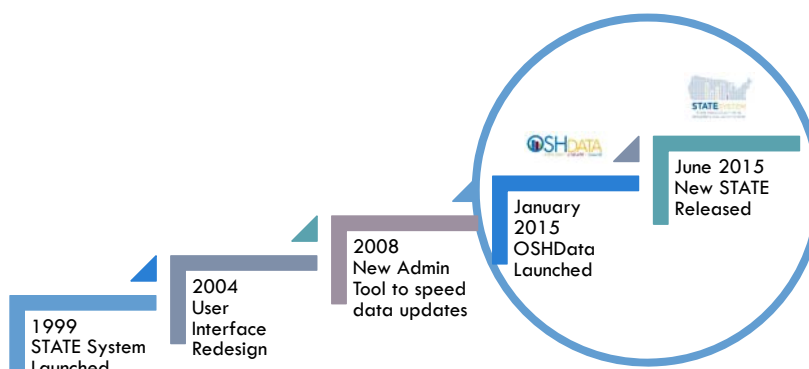
BRANDON KENEMER, MPH; ALLISON MACNEIL, MPH; MICHAEL TYNAN
OFFICE ON SMOKING AND HEALTH

Overview

- Background & Timeline
- Tobacco Use Data Portal: OSHData
- State Tobacco Activities Tracking and Evaluation (STATE) System Demonstration
- Questions and Answers

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Background & Timeline



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Tobacco Use Data Portal

Created in 2015

OSH Applications

STATE System

SAMMEC

QIT

GTSS

New Datasets

Healthy People 2020

Best Practices 2014

The screenshot shows the CDC's Tobacco Use Data portal. It features a search bar, a sidebar with navigation options (View Types, View Options, Public Health Areas), and a main content area displaying search results for "Tobacco Use". The results include a summary of cigarette use among adults, a question inventory on tobacco (QIT), and CDC State System Tobacco Legislation. The portal also includes related links such as Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC), STATE System E-Cigarette Legislation, and GTSSData.

<https://chronicdata.cdc.gov/health-area/tobacco-use>

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STATE System

cdc.gov/statesystem

Redesigned State Tobacco Activities Tracking and Evaluation (STATE) System to leverage the new technology of OSHData

The System has been redesigned to present much of the same data you were able to access in the previous version of the STATE System in a new interactive and enhanced tool

CDC Centers for Disease Control and Prevention
CDC 24/7 Saving Lives. Protecting People™

State Tobacco Activities Tracking and Evaluation (STATE) System

SEARCH

CDC-A-Z INDEX

STATE SYSTEM
STATE TOBACCO ACTIVITIES TRACKING & EVALUATION SYSTEM

INTERACTIVE MAPS
View and Share Maps

CUSTOM REPORTS
Use Custom Reports to build your own report by selecting the topics, states, and years of data.
View Data results in the System or export to Excel.

STATE HIGHLIGHTS
Use the State Highlights report to see a variety of data from across the system for a single selected state.
View Highlights in the System or export to PDF.

INTERACTIVE MAPS
Use Interactive Maps to access the data from across the System in a US map and data table.
View map and table in the System or export a Table to Excel.

Latest Updates
February 2017
New Features added to STATE System:
• Quinine data from National Quinine Data Warehouse, Office on Smoking and Health (NQHWS OSH), 2016 (2nd Quarter).
[More »](#)

View Available Topics in the STATE System
[Quinine Coverage](#)
[Painkillers](#)
[Health Care Services and Costs](#)
[Legislation](#)
[Tobacco Use - Survey Data](#)
[Policy](#)
[Quinine](#)
[Quinine Use - Survey Data](#)

GLOSSARY AND METHODOLOGY
Link to the website of the data source or download the glossary and methodology files.

FAQS
Use Frequently Asked Questions (FAQs) to help you navigate the STATE System.

CONTACT US
Contact STATE System support with questions or comments.

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TOBACCO USE DATA PORTAL

Chronic Homepage

chronicdata.cdc.gov

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Chronic Disease and Health Promotion Data & Indicators

Home Health Areas* Downloads Video Guides

Chronic Disease and Health Promotion Open Data

Here you can quickly access a wide range of chronic disease data, risk factor indicators and policy measures. Use these same data to describe the burden of chronic disease as well as common risk factors, identify research gaps, monitor population trends, and evaluate programs. The drive to bring this data together in one place with common tools was to make CDC's chronic disease data easier to access and use for both current and new audiences. The goal is to promote openness, interoperability, and innovation.

Getting Started

Find a Dataset Creating a Filter Chart Book Printing

Unleash the Power of Data

See how Open Data is Changing the World

Health Areas

- 500 Cities
- Behavioral Risk Factors
- Chronic Disease Indicators
- Health-Related Quality of Life
- Healthy Aging
- Heart Disease & Stroke Prevention
- Maternal & Child Health
- Nutrition, Physical Activity, and Obesity
- Oral Health
- Tobacco Use**
- Vision & Eye Health
- Youth Risk Behaviors

Data Spotlights

- Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC)
- STATE System E-Cigarette Legislation
- Adult Cigarette Use (BRFSS)
- CDI - Cancer Indicators
- CDI - Alcohol Indicators
- Unintended Pregnancy Rates by State

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“One size fits all...”

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CHD 2017 Saving Lives. Protecting People.™

Chronic Disease and Health Promotion Data & Indicators

Home Health Areas* Downloads Video Guides

Tobacco Use Data

Visit Global Tobacco Surveillance System Data (GTSSData)

Related Links

- Smoking & Tobacco Use
- STATE System
- GTSSData
- Glossary and Methodology
- Contact CDCData

Health Areas

- 500 Cities
- Behavioral Risk Factors
- Chronic Disease Indicators
- Health-Related Quality of Life
- Healthy Aging
- Heart Disease & Stroke Prevention
- Maternal & Child Health
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Data Spotlights

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- Adult Cigarette Use (BRFSS)
- CDI - Cancer Indicators
- CDI - Alcohol Indicators
- Unintended Pregnancy Rates by State

Related Topics

- Oral Health
- Chronic Disease Indicators
- Maternal & Child Health

Building from the ground up...

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Forty-two datasets have been added to OSHData storing over 117 million rows of data.

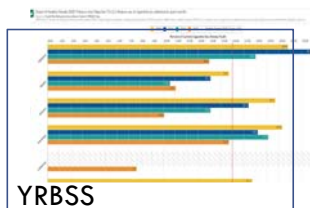
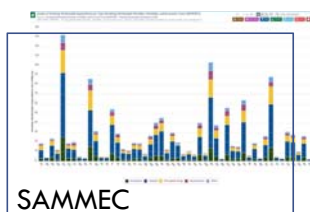
117,000,000

The screenshot shows the CDC OSHData System interface. At the top, it says 'CDC Center for Disease Control and Prevention' and 'Chronic Disease and Health Promotion Data & Indicators'. Below this is a table with columns for 'Year', 'Dataset', 'Description', 'Status', and 'Last Updated'. The table lists various datasets such as 'Behavioral Risk Factor Surveillance System (BRFSS)', 'National Health and Medical Examination Survey (NHANES)', and 'National Longitudinal Study of Adolescent Health (Add Health)'. The interface includes search filters and pagination controls.

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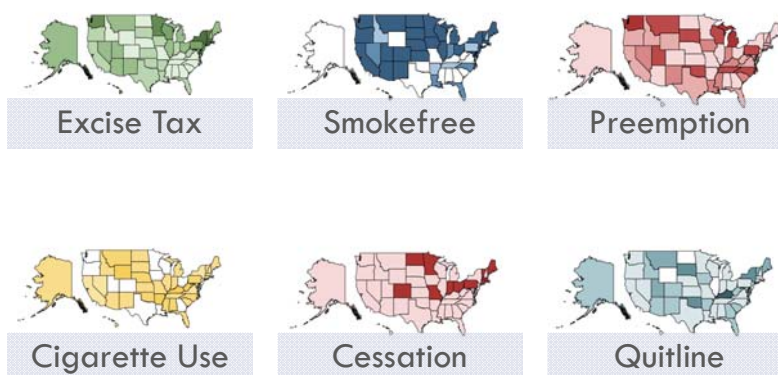
Creating Visualizations: Charts



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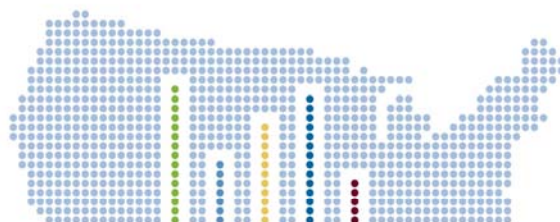
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Creating Visualizations: Maps



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STATESYSTEM
STATE TOBACCO ACTIVITIES
TRACKING & EVALUATION SYSTEM

STATE TOBACCO ACTIVITIES TRACKING AND
EVALUATION (STATE) SYSTEM

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Redesigning the STATE System

After conducting User Feedback sessions at the 2012 NCTOH, in 2013 the Office on Smoking and Health launched a project to redesign the STATE System.

User feedback guided decision making for the redesigned application.



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A new STATE System

The new enhanced STATE System launched in 2015.

The STATE System is an interactive application that presents current and historical state-level data on tobacco use prevention and control.

cdc.gov/statesystem



www.cdc.gov/statesystem

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CUSTOM REPORTS

Use Custom Reports to build your own report by selecting the topics, states and years of data. View data results in the System or export to Excel.



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Reset All Filters

Topic Type: Legislation
Topic: Tax Combustible Tobacco
Measure: Cigarette - OSH

Sub-Measure: Cigarette Tax (\$ per pack)
State: 51 selected
Year: 2015 - Quarter 3

[View Report](#)

Topic Type: Legislation
Topic: Tax Combustible Tobacco
Measure: Cigarette - OSH
State: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming
Year: 2015-Q3

[Formulas](#) [Filter](#) [Add Chart](#) [Add Crosstab](#)

Table [Export: Excel CSV](#)

Page 1 of 3

Year	Quarter	Location Description	Data Source	Topic Description	Measure Description	Provision Group Description	Provision	Value	Citation	Enacted Date	Effective Date	Comments
2015	3	Alaska	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	2.000	Alaska Stat. §§ 43.50.090 and 43.50.190	7/24/2004	1/1/2005	
2015	3	Alabama	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	0.425	Ala. Code § 40-25-2	5/18/2004	5/18/2004	
2015	3	Arkansas	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	1.150	ARK. CODE ANN. §§ 20-57-208, 26-57-802, 26-57-803, 26-57-804, 26-57-805 and 26-57-1101	2/17/2009	3/1/2009	

Table Export Excel CSV

Columns Sort Group Aggregate Paging

Hide and show columns.

☒ Location Description
 ☒ Topic Description
 ☒ Provision
 ☒ Enacted Date
☒ Year
☒ Measure Description
☒ Value
☒ Effective Date
☒ Quarter
☒ Provision Group Description
☒ Citation
☒ Comments
☒ Data Source

OK Select: All None

Page 1 of 3

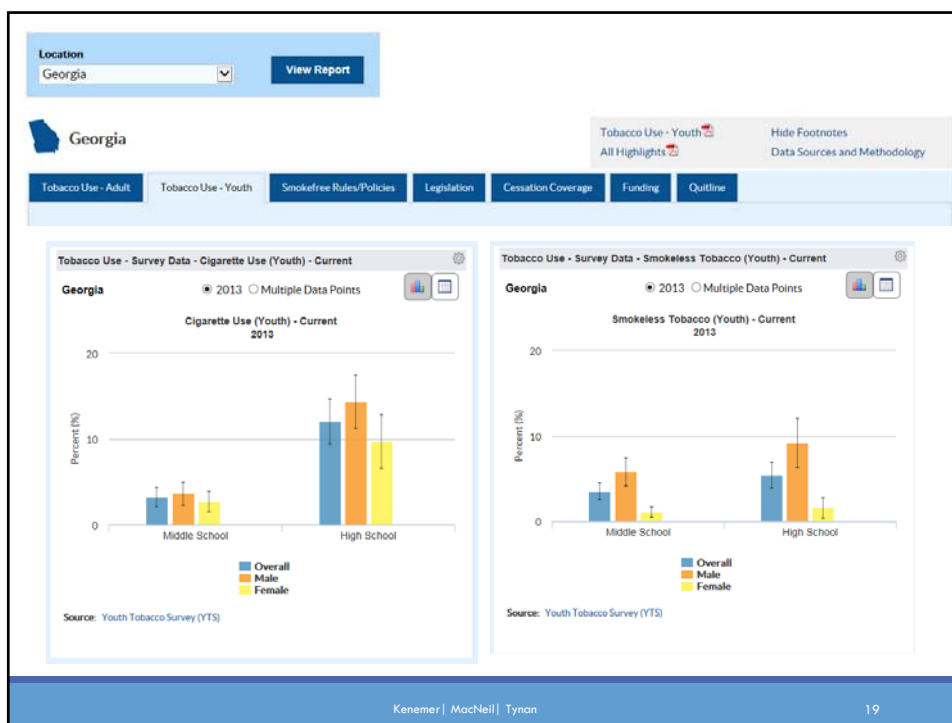
Location Description	Year	Quarter	Data Source	Topic Description	Measure Description	Provision Group Description	Provision	Value	Citation	Enacted Date	Effective Date	Comments
Alabama												
	2015	3	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	0.425	Ala. Code § 40-25-2	5/18/2004	5/18/2004	
Alaska												
	2015	3	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	2.000	Alaska Stat. §§ 43.50.090 and 43.50.190	7/24/2004	1/1/2005	
Arizona												
	2015	3	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	2.000	ARIZ. REV. STAT. ANN. §§ 42-3251.42, 42-3251.01 (a), 42-3251.02, § 42-3092 (b), and 42-3271 (1)	11/7/2006	11/7/2006	
Arkansas												
	2015	3	OSH	Legislation - Tax Combustible Tobacco	Cigarette	Restrictions	Cigarette Tax (\$ per pack)	1.150	ARK. CODE ANN. §§ 26-57-208, 26-57-802, 26-57-803, 26-57-804, 26-57-806, and 26-57-1101	2/17/2009	3/1/2009	

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STATE HIGHLIGHTS

Use the State Highlights report to see a variety of data from across the system for a single selected state. View highlights in the System or export to PDF.





Location: Georgia [View Report](#)

Georgia

Tobacco Use - Youth [Tobacco Use - Adult](#) [Smokefree Rules/Policies](#) [Legislation](#) [Cessation Coverage](#) [Funding](#) [Outline](#)

Tobacco Use - Youth [All Highlights](#) [Hide Footnotes](#) [Data Sources and Methodology](#)

Tobacco Use - Survey Data - Cigarette Use (Youth) - Current

Georgia ☒ 2013 ☐ Multiple Data Points

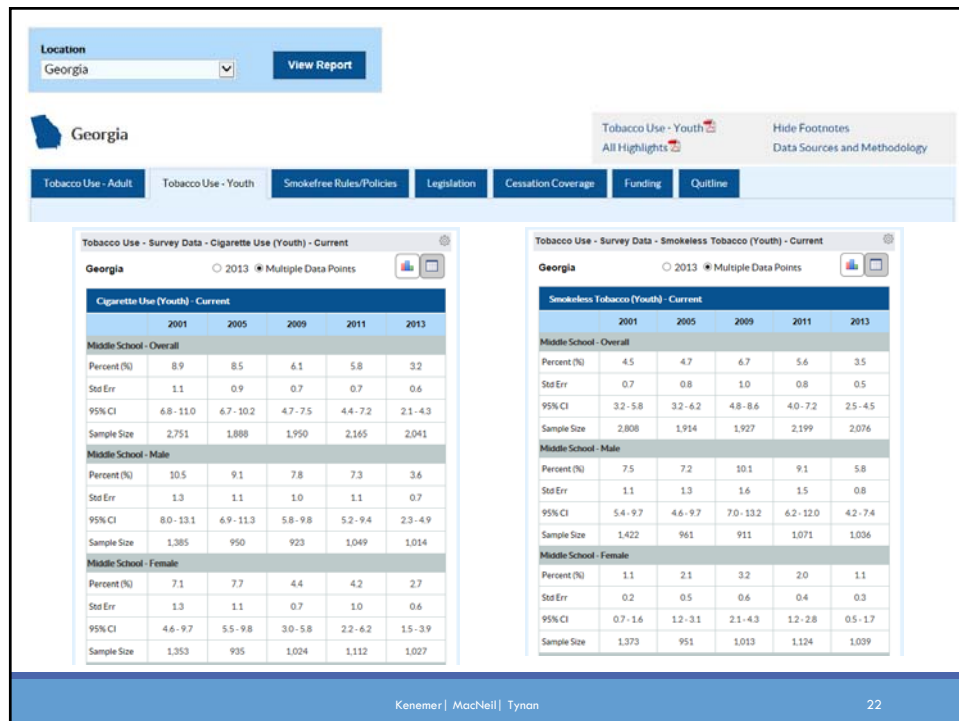
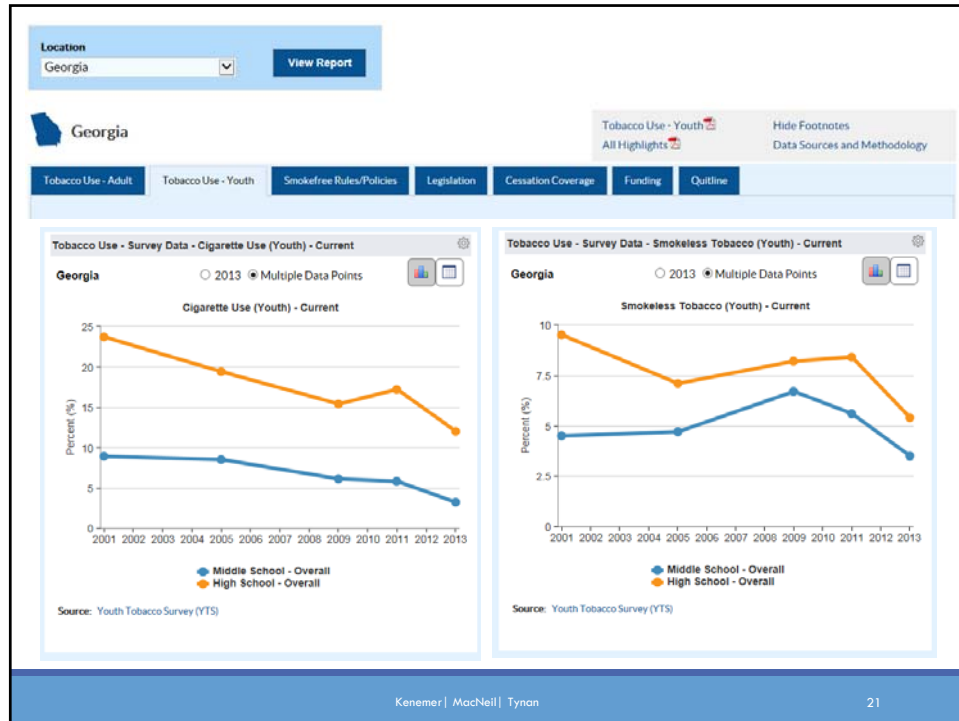
Cigarette Use (Youth) - Current	
	2013
Middle School - Overall	
Percent (%)	3.2
Std Err	0.6
95% CI	2.1 - 4.3
Sample Size	2,041
Middle School - Male	
Percent (%)	3.6
Std Err	0.7
95% CI	2.3 - 4.9
Sample Size	1,014
Middle School - Female	
Percent (%)	2.7
Std Err	0.6
95% CI	1.5 - 3.9
Sample Size	1,027

Tobacco Use - Survey Data - Smokeless Tobacco (Youth) - Current

Georgia ☒ 2013 ☐ Multiple Data Points

Smokeless Tobacco (Youth) - Current	
	2013
Middle School - Overall	
Percent (%)	3.5
Std Err	0.5
95% CI	2.5 - 4.5
Sample Size	2,076
Middle School - Male	
Percent (%)	5.8
Std Err	0.8
95% CI	4.2 - 7.4
Sample Size	1,036
Middle School - Female	
Percent (%)	1.1
Std Err	0.3
95% CI	0.5 - 1.7
Sample Size	1,039

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INTERACTIVE MAPS

Use Interactive Maps to access key data from across the System in a US map and data table. View map and table in the System or export a table to Excel.

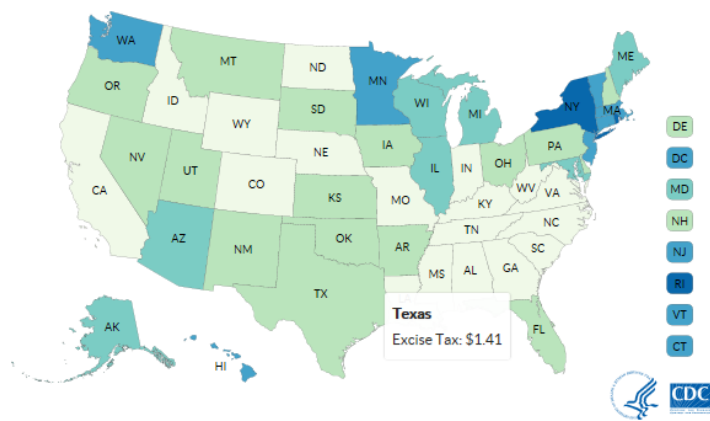


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Excise Tax Rates on Cigarettes (CDC STATE System Tobacco Legislation - Tax) (In effect as of September 30, 2015)

About This Map

- \$0.17 - \$<1.006
- \$1.006 - \$<1.842
- \$1.842 - \$<2.678
- \$2.678 - \$<3.514
- \$3.514 - \$<4.35



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State ^	Excise Tax
Alabama	\$0.425
Alaska	\$2.000
Arizona	\$2.000
Arkansas	\$1.150
California	\$0.870
Colorado	\$0.840
Connecticut	\$3.400
Delaware	\$1.600
District of Columbia	\$2.900
Florida	\$1.339
Georgia	\$0.370
Hawaii	\$3.200
Idaho	\$0.570
Illinois	\$1.980
Indiana	\$0.995
Iowa	\$1.360
Kansas	\$1.290
Kentucky	\$0.600
Louisiana	\$0.860

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Glossary and Methodology

Link to the website of the data source or download the glossary and methodology files.



Source Names	Original Source	Glossary and Methodology Files
American Lung Association State Tobacco Cessation Coverage Database		
Behavioral Risk Factor Surveillance System (BRFSS)		
Bridging the Gap/ImpacTeen Project, University of Illinois at Chicago Health Policy Center (UIC)		
CDC Best Practices for Comprehensive Tobacco Control Programs - 2007		
CDC Best Practices for Comprehensive Tobacco Control Programs - 2014		
National Association of Attorney's General (NAAG)		
National Quitline Data Warehouse, Office on Smoking and Health (NQDW OSH)		
Office on Smoking and Health (OSH) - Legislation		
The Tax Burden on Tobacco, Orzechowski and Walker		
Substance Abuse and Mental Health Services Administration (SAMHSA)		
Tobacco Use Supplement to the Current Population Survey (TUS-CPS)		
Youth Risk Behavioral Surveillance System (YRBSS)		
Youth Tobacco Survey (YTS)		

[illegible]

FAQs

Use Frequently Asked Questions (FAQs) to help you navigate the STATE System.



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How do I...? Can I...?

TASK DRIVEN

-  [How do I access the Tobacco Use Data Portal?](#)
-  [What is the data catalog? How can I use it?](#)
-  [How do I find a view within a dataset?](#)
-  [Why create a filter?](#)
-  [How can I create a map from a filtered view?](#)
-  [How can I create a chart from a filtered view?](#)
-  [What happens if I click on the "View in Google maps" link?](#)
-  [Why should I use the About button?](#)
-  [How do I embed a visualization that I just created?](#)
-  [How do I maximize my workspace?](#)
-  [How do I hide, sort, or filter a column in a dataset?](#)



STEP-BY-STEP INSTRUCTION

How can I create a map from a filtered view?

You can create custom visuals about the data with your chosen dataset.

Step 1: Follow the steps to create a filtered view from ["How do I create my own filtered view?"](#)

Step 2: After saving your view, click on the **Visualization** button.

Step 3: Select the **Map** option.



Explore Create Share

Download fact sheets
featuring data and reports
available across the System.



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For questions, e-mail
the STATE System
Tech Support Team
at:
OSHDData@cdc.gov

Visit the STATE System today
www.cdc.gov/STATESystem

Tobacco Use Data Portal
www.cdc.gov/OSHDData



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Request: Provide Feedback to OSH on the State Tobacco Activities Tracking and Evaluation (STATE) System

The Office on Smoking and Health at CDC would like to invite you to provide feedback on our STATE System website!

- The State Tobacco Activities Tracking and Evaluation (STATE) System is an interactive web application that houses and displays current and historical state-level data on tobacco use prevention and control. We hope you will consider participating!

What is the goal of our feedback sessions?

- We are conducting several feedback sessions to help us better understand the users of the STATE System, how well the site interface works, and identify possible design improvements to this important data resource.

What will you do in a feedback session?

- The sessions will be conducted remotely by a contractor. They will ask you some specific questions about yourself and your work and then ask you to complete a few typical tasks using the STATE System and to give us your suggestions for improving the site.

Where?

- Remote sessions conducted via Skype for Business software on participant PCs (Mac is not supported at this time)

When?

- Monday April 10th through Friday April 21st

How long will the session take?

- About 1 hour

How do you schedule a session?

- If you are interested in participating in a feedback session, please email:

STATESystem@cdc.gov.



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Now Open: Tobacco Use Data

Thank you!

Email: jkenemer@cdc.gov

Contact us at:

STATESystem@cdc.gov or OSHData@cdc.gov

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

