

Tobacco Surveillance and Evaluation Data in South Carolina

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South Carolina Department of Health and Environmental Control Promoting and Protecting the Health of the Public and the Environment www.scdhec.gov

Session Goals

- Provide an overview of available tobacco data sources, their limitations and how to request them
- Share how data have been used/disseminated (select data summaries from the latest surveys)

Major Surveillance and Evaluation Data Sources

KEY OUTCOME INDICATORS

Preventing Initiation of Tobacco Use:

utcome Indicators for Comprehensive

toting Quitting Among

Adults and Young Pe

BACCO CONTROL PR

- Statewide tools designed to:
 - 1. monitor behaviors, attitudes and environments promoting and impeding tobacco use, exposure and cessation
 - 2. assess the effectiveness of tobacco control and prevention initiatives
 - 3. inform program planning and continuous quality improvement

SC Adult Tobacco Survey

- Statewide representative sample of SC adults (18 years and older)
- Stratified, random-digit dialed <u>telephone survey</u> with random samples drawn from each of 2 frames: landline & cell-phone
- Data collected over the course of 5-7 months to obtain ≈ 7200 completed surveys
- Partnership with the USC's Institute for Public Service and Policy Research
- Response rates assessed using the American Association for Public Opinion Research (AAPOR)- RR3
- Data weighted to represent SC adults aged 18+ years

SC Youth Tobacco Survey

- Statewide representative samples of SC regular public middle (grades 6-8) and high school students (grades 9-12)
- Two-stage cluster sampling design used to select 50 schools and a representative sample of students in each of the 2 groups
- <u>Paper-based survey</u> with data typically collected over the course of the Spring
- For each group, a minimum response rate of 60% (≈ 72% school participation rate and 86% student response rate) is required for data to be weighted to represent SC public middle and high school students
- Partnership with the SC Department of Education (YRBS)

Topics Covered (ATS and YTS)

- Demographic Items
- General health and existing chronic conditions/diseases (ATS)
- Access to tobacco and use of tobacco products (such as cigarettes, smokeless tobacco, cigars, pipes, water-pipes, ENDS & other emerging tobacco products)
- Secondhand smoke exposure and enforcement of smoke-free/ tobacco-free policies
- Opinions and attitudes related to tobacco, and susceptibility towards tobacco use (YTS)
- Tobacco screening and cessation
- Exposure to media (advertising and counter-marketing ads)
- School health curriculum (YTS)
- Support for tax increases (ATS)

Data Limitations & Collection Challenges

- ATS respondent demographics and potential bias
- Paper-based (YTS) vs. telephone-based (ATS) data collection: self-report and social desirability bias
- State-based samples and local-level data needs
- YTS School-based survey overlapping with YRBS
- YTS Downward trend in school participation rates and actions to improve them
- Funding assumptions
- Policy and ordinance data availability



SC Quitline Data

- Administrative data collected on each Quitline caller and aggregated yearly by the vendor (Optum, formerly Alere)
- Aggregate data is available for each county and include:
 - Total callers
 - Registered callers
- Data disaggregated by:
 - Gender
 - Age
 - Education
 - Tobacco type
 - Chronic condition



Policy and Ordinance Data

- School district tobacco-free model policy data
 - Collected/updated by the SC School Board Association
 - Available data include:
 - School districts with 100% comprehensive tobacco-free model policy that include alternative nicotine products
 - School districts with 100% comprehensive tobacco-free model policy that does not include alternative nicotine products
 - School districts with no 100% comprehensive tobacco-free policy
- Smoke-free workplace ordinances data:
 - Obtained/updated by the SC Tobacco-Free Collaborative
 - Data include:
 - Counties with smoke-free workplace ordinance + population covered
 - Municipalities with smoke-free workplace ordinance + population covered

Available Data Years

Data Source	Iteration 1	Iteration 2	Iteration 3	Iteration 4	Iteration 5	Iteration 6	Iteration 7
YTS ^a	2005	2006	2007	2009	2011	2013	2015
ATS ^a	2007	2009-2010 ^b	2012 ^c	2014-2015			
Quitline ^d	2006 through 2015						
Policy/ Ordinance	2005 through 2016						

- ^a Typically both surveys are conducted every other year with ATS in even years and YTS in odd years
- ^b SC data were collected through an addendum to the CDC/OSH's National ATS
- ^c Methodological changes were implemented in 2012 with the introduction of the cell-phone component
- ^d Annual county-level aggregate data from 2006 through 2015

Select Data Use/Dissemination Products

- Detailed tables
- Data spreadsheets
- Fact Sheets
- Infographics
- Maps (static, interactive)
- Reports



Need the Latest Data Summaries?

- ATS: <u>http://www.scdhec.gov/Health/TobaccoCessation/</u>
- YTS: <u>http://www.scdhec.gov/Health/TobaccoCessation/Under18TobaccoUse/</u>
- Quitline: <u>http://infoweb02.dhec.sc.gov/epht/</u>
- Policies: <u>http://www.scdhec.gov/Health/docs/SchoolMap 9.28.16 NoRegions.pdf</u>
- Laws: <u>http://media.wix.com/ugd/081748_548c6038b2ca406f89898c6e05a9e20e.pdf</u>

Interested in Tobacco Datasets?

- Submit a brief research proposal (format provided upon request) with at least the following:
 - Rationale for undertaking the analysis, including the public health importance of the proposed research
 - Hypotheses to be tested and variables to be used
 - Type of statistical analysis/weighted survey analysis to be conducted (descriptive vs. analytic)
 - Use and dissemination of findings
 - Projected time table for analysis and completion of report
- If you just need data summary statistics, let us know. We're happy to help!

Thank You!

Questions???

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