



IRVINE NETWORK ON  
INTERVENTIONS IN DEVELOPMENT

State Education Legislation for Alcohol,  
Tobacco, and Other Drugs, Version 1

STATE EDUCATION LEGISLATION FOR ALCOHOL,  
TOBACCO, AND OTHER DRUGS, VERSION 1

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#### DATA DISCLAIMER

The original collector of the data, INID, and the relevant funding agency bear no responsibility for uses of this collection or for interpretations or inferences based upon such uses.

## DATA COLLECTION DESCRIPTION

Carpenter, Christopher, Thurston Domina, Sara Wakefield, and Tim Bruckner. 2015. "State Education Standards for Alcohol, Tobacco, and Other Drugs, Version 1." University of California, Irvine. Available at: <http://inid.gse.uci.edu/public-use-data/> Accessed on MM/DD/YYYY.

DATE(S) OF COLLECTION: 2012

COUNTRY: United States

GEOGRAPHIC COVERAGE: United States

GEOGRAPHIC UNIT: State

UNIT OF ANALYSIS: State

SUMMARY: We collected state legislated health education variables related to alcohol, tobacco, and other drugs (ATOD) curricula. We retrieved state-level education legislation from all 50 states from 1970 to 2010. This longitudinal public-use dataset includes summaries of the extent to which state legislation requires/recommends instruction to students from Preschool through 12<sup>th</sup> grade related to alcohol, tobacco, and other drug education.

UNIVERSE AND SAMPLING: This file includes data from all U.S. states that had ATOD education legislation from 1970 to 2012.

NOTE: The health education legislation were collected from two online legal databases: Westlaw and HeinOnline. A small team of researchers then coded the legislation to create the data.

DATA FORMAT: Microsoft XLS

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## INTRODUCTION

### DATA COLLECTION DESCRIPTION

#### IRVINE NETWORK ON INTERVENTIONS IN DEVELOPMENT:

The overall purpose of this research, which is organized as four subprojects, is to examine why human capital-oriented intervention programs and policies, directed at children in the preschool, middle childhood, and adolescent stages of development, have the effects, non-effects, and, in some cases, perverse effects that they do. The study focuses on the congruence (“fit”) between the developmental needs of children and youth and the design and nature of educational interventions designed to augment human capital and promote positive outcomes, particularly for individuals raised in economically disadvantaged families.

#### THIS PARTICULAR DATASET IS PART OF PROJECT II:

Project II employs a developmental perspective to understand the conditions under which state health education curriculum requirements regarding alcohol, tobacco and other drugs have protective or harmful effects on youth substance use. The public dataset is a portion of the data collected in Project II.

### DATA COLLECTION PROCEDURES

Each state’s health education legislation was collected and coded by at least three researchers from a team that included one PI, one graduate student researcher, and three undergraduate student researchers. If there were any discrepancies regarding the codes, the team would discuss the issue in their weekly meetings until they reached an agreement, setting precedent for similar divergences.

As summarized in detail below, the data file contains state-by-year data on alcohol, tobacco, and other drug education from 1970 to 2010 for all 50 states. Variables numbered 49 to 64 refer to tobacco-only education legislation.

## VARIABLE DESCRIPTION LIST

- 1 Variable name: state  
Description: State abbreviation  
Coding: Character (XX)  
Notes:
- 2 Variable name: year  
Description: The school year in which state legislations are first effective.  
Coding: Numeric (XXXX)  
Notes:
- 3 Variable name: statenum  
Description: Numeric code for state identification.  
Coding: Numeric  
Notes: States are coded 1-50 in alphabetical order.
- 4 Variable name: adopt  
Description: Adoption of ATOD.  
Coding: 0 = no adoption  
1 = adoption of ATOD instruction legislation  
Notes: Coded "1" for adoption of ATOD instruction legislation.
- 5-10 Variable name: amend1-amend6  
Description: Amendment to original legislation.  
Coding: 0 = no amendment  
1 = amendment made  
Notes: Variables "amend1" through "amend6".
- 11 Variable name: version  
Description: Version of the legislation.  
Coding: Numeric  
Notes: Adoption is version one. The first amendment is version two; second amendment is version three; and so forth.
- 12 Variable name: law  
Description: Whether the state law requires, suggests, or permits ATOD instruction.  
Coding: 0 = no state law on ATOD instruction  
1 = ATOD instruction is required by state legislation  
2 = ATOD instruction is suggested by state legislation  
3 = ATOD instruction is permitted by state legislation

Notes: States are coded 1-3 for any/all A, T, or OD adoption. ATOD education is coded as "required" if state legislation contains words like "shall" or "must". ATOD education is coded as "suggested" if state legislation contains words like "suggest" or "recommend". ATOD education is coded as "permitted" if state legislation contains words like "permits" or "allows".

13 Variable name: developer

Description: Which department level (state, local, or both) is in charge of creating the ATOD curriculum.

Coding: 0= state legislation does not specify  
1= state level  
2= local level  
3= state and local

Notes: States will have a value of 3 if at least one law orders the state to create the standards and at least one other law orders the school districts to create standards.

14 Variable name: directive

Description: Whether the districts are to adopt the state standards exactly as is, use as a guide or minimum requirement, or whether the program is voluntary.

Coding: 0= law does not specify how districts are to use the standards  
1= all districts are to adopt state standards as is  
2= districts are to use state standards as a guide/minimum  
3= the program is voluntary  
4= districts to use district standards  
5= both state and local standards (conflicting laws in place)

Notes: State legislation may order a specified department to create the standards or list of programs, but this does not necessarily mean the school districts have to adopt these exact standards. state legislation may infer whether or not the districts may use the state standards as a minimum/guideline, or even that the ATOD program is voluntary. In other words, state legislation only orders the creation of standards, not the implementation.

15 Variable name: product

Description: What the department in charge of the ATOD instruction



Coding: is directed to produce/implement.  
 0= law does not specify  
 1= ATOD program/curriculum  
 2= list of available programs  
 3= ATOD curriculum + a list of available ATOD programs

Notes:

16 Variable name: materials  
 Description: Whether or not state legislation orders a department to create instructional materials in addition to standards or a list of available programs.  
 Coding: 0= state legislation does not require instructional resources to be created by any designated department(s)  
 1= state legislation requires instructional resources to be created by a designated department(s)  
 2= state legislation permits instructional resources to be created by a designated department(s)

Notes:

17 Variable name: evidencebased  
 Description: Whether or not state legislation-mandated program is to be based on "evidence-based" programs.  
 Coding: 0= state legislation does not mandate a program based on "evidence-based" programs  
 1= state legislation mandates a program based on "evidence-based" programs

Notes:

18 Variable name: minimal  
 Description: Whether or not state legislation described minimal ATOD requirements (nonspecific ATOD instruction).  
 Coding: 0= state legislation is specific/included some specificities of ATOD instruction  
 1= state legislation is minimal/did not go into specificities of ATOD instruction

Notes: Some laws are quite minimal and short. The department in charge of creating the standard is usually mentioned, but perhaps <10 variables in the data might be coded for this type of law.

19 Variable name: instructor  
 Description: Specified ATOD instructor.

Coding: 0= unspecified  
1= teachers  
2= school personnel, including teachers

Notes:

20 Variable name: training

Description: Whether or not law mentions ATOD training for the instructors.

Coding: 0= state legislation does not require a training program for the ATOD instructors  
1= state legislation requires a training program for the ATOD instructors

Notes:

21 Variable name: illegality

Description: Whether or not the illegality, or legal consequences, of using alcohol, tobacco, or other drugs is required to be taught.

Coding: 0= state legislation does not require the illegality/legal consequences of using to be taught  
1= state legislation requires that the illegality/legal consequences of using are taught

Notes:

22 Variable name: consequences

Description: Whether or not the instruction shall include information on the school-related consequences for using or selling drugs on campus.

Coding: 0= state legislation does not require school-related consequences to be taught  
1= state legislation requires school-related consequences to be taught

Notes:

23 Variable name: respdecisions

Description: Whether or not students must be taught to make informed and responsible decisions.

Coding: 0= state legislation does not state that students are to be taught how to make informed/responsible decisions  
1= state legislation states that students are to be taught how to make informed/responsible decisions

Notes:

- 24 Variable name: posattitudes  
 Description: Whether or not students must be taught to have positive attitudes towards health and wellness.  
 Coding: 0= state legislation does not state that students are to be taught to have positive attitudes towards health and wellness  
 1= state legislation states that students are to be taught how to have positive attitudes towards health and wellness  
 Notes:
- 25 Variable name: media  
 Description: Whether or not students must be taught the skills needed to evaluate ads and the media's portrayal of ATOD.  
 Coding: 0= state legislation does not state that students are to be taught the skills needed to evaluate ads and the media's portrayal of ATOD  
 1= state legislation states that students are to be taught the skills needed to evaluate ads and the media's portrayal of ATOD  
 Notes: Code if state legislation explicitly states that teaching students the skills needed to evaluate ads and the media's portrayal of ATOD are to be included in the standards.
- 26 Variable name: pressure  
 Description: Whether or not students must be taught the skills needed to counter societal and peer pressures to use ATOD.  
 Coding: 0= state legislation does not state that students are to be taught the skills needed to counter societal and peer pressures to use ATOD  
 1= state legislation states that students are to be taught the skills needed to counter societal and peer pressures to use ATOD  
 Notes: Code if state legislation explicitly states that teaching students the skills needed to counter societal and peer pressures to use ATOD are to be included in the standards.
- 27 Variable name: healthyalt  
 Description: Whether or not students must be taught healthy

- alternative to substance use.
- Coding: 0= state legislation does not state that students are to be taught healthy alternative to substance use  
1= state legislation states that students are to be taught healthy alternative to substance use
- Notes: Code if state legislation explicitly states that teaching students healthy alternative to substance use are to be included in the standards.
- 28 Variable name: grades  
Description: The grade levels in which ATOD instruction is to be taught.  
Coding: X-X  
Notes: P for preschool, K for kindergarten, and Numeric for grade levels. Example: K-12 or 7-12.
- 29 Variable name: steroids  
Description: Whether or not steroid instruction is mentioned in the legislation.  
Coding: 0= no mention of steroids in state legislation  
1= steroid instruction is required by state legislation  
2= steroid instruction is suggested by state legislation  
Notes:
- 30 Variable name: steroidsgrd  
Description: The grade levels in which steroid instruction is to be taught.  
Coding: X-X  
Notes: P for preschool, K for kindergarten, and Numeric for grade levels. Example: K-12 or 7-12.
- 31 Variable name: drugs  
Description: Whether or not students must be taught about drug or substance use.  
Coding: 0= state legislation does not state that students must be taught about drug/substance use  
1= state legislation states that students must be taught about drug/substance use  
Notes:
- 32 Variable name: alcohol  
Description: Whether or not students must be taught about alcohol use.

- Coding: 0= state legislation does not state that students must be taught about alcohol use  
1= state legislation states that students must be taught about alcohol use
- Notes:
- 33 Variable name: tobacco  
Description: Whether or not students must be taught about tobacco use.  
Coding: 0= state legislation does not state that students must be taught about tobacco use  
1= state legislation states that students must be taught about tobacco use  
Notes:
- 34 Variable name: substance  
Description: Whether or not students must be taught about substance use.  
Coding: 0= state legislation does not state that students must be taught about substance use  
1= state legislation states that students must be taught about substance use  
Notes: Coded if state legislation explicitly states that teaching students about substance use is to be included in the standards. Coded only if the word "substance" is used.
- 35 Variable name: harmful  
Description: Whether or not students must be taught about the harmful effects of ATOD on the body and/or mind.  
Coding: 0= state legislation does not state that students must be taught about the harmful effects of ATOD on the body and/or mind  
1= state legislation states that students must be taught about the harmful effects of ATOD on the body and/or mind  
Notes:
- 36 Variable name: social  
Description: Whether or not students must be taught about ATOD effects on social or economic conditions.  
Coding: 0= state legislation does not state that students must be taught about ATOD effects on social or economic conditions  
1= state legislation states that students must be taught

about ATOD effects on social or economic conditions

Notes:

37 Variable name: prevention

Description: Whether or not students must be taught about prevention, non-use, and/or resistance against the use of ATOD.

Coding: 0= state legislation does not state that students must learn about prevention, non-use, or resistance  
1= state legislation states that students must learn about prevention, non-use, or resistance

Notes:

38 Variable name: specific

Description: A specific dangerous effect of using ATOD required to be taught as part of the curriculum.

Coding: 0= no specific effect of ATOD mentioned  
1= prenatal  
2= HIV/AIDS  
3= cosmetic  
4= accidents  
5= vulnerability to sexual advances  
6= obesity, cardiovascular disease, and Type II diabetes  
7= alcohol poisoning and binge drinking  
8= accidents + suicide

Notes:

39 Variable name: specificgrd

Description: The grade levels in which instruction of the specific effect(s) is to be taught.

Coding: X-X

Notes: P for preschool, K for kindergarten, and Numeric for grade levels. Example: K-12 or 7-12.

40 Variable name: instruction

Description: Whether state legislation mentions that ATOD instruction is to be integrated into health, integrated into a different subject, or taught as a separate subject/course

Coding: 0= not in law  
 1= with health course  
 2= with subject other than health  
 3= as own subject  
 4= optional

Notes: Coded "4= optional" if state legislation explicitly gives options in state legislation (for example, as part of health course or with another subject) or if there are two or more laws giving more than one option.

41 Variable name: otherprev

Description: Name of another prevention program if ATOD instruction is taught jointly.

Coding: 1= gang  
 2= HIV/AIDS  
 3= violence  
 4= highway accidents  
 5= DARE

Notes:

42 Variable name: otherprevdir

Description: Whether or not there is another prevention program taught with the ATOD instruction. If so, whether state legislation requires, suggests, or permits the other prevention program.

Coding: 0= no other prevention program  
 1= other prevention program is required  
 2= other prevention program is suggested  
 3= other prevention program is permitted

Notes: This variable corresponds with variable "otherprevdir".

43 Variable name: otherprevins

Description: Who is teaching the other prevention program.

Coding: 0= law doesn't mention who is to teach  
 1= law enforcement

Notes: If the instructor teaching the other prevention program is someone other than the main ATOD instructor. Otherwise, assumed to be the classroom/health teacher.

44 Variable name: model

Description: The name of a program or guidelines that the ATOD instruction is to be modeled after.

Coding: Character

- Notes: If no model mentioned, variable will have "none" written.
- 45 Variable name: exemptions  
 Description: Whether or not state legislation states that students have the option to opt-out of ATOD instruction.  
 Coding: 0= does not mention any exemptions for ATOD instruction  
 1= state legislation requires that students have an opt-out option for ATOD instruction  
 Notes: State legislation may state that students can be exempt from ATOD instruction with parental/guardian approval.
- 46 Variable name: programeval  
 Description: Whether or not state legislation orders an evaluation of the ATOD program.  
 Coding: 0= state legislation does not require an evaluation of the ATOD program  
 1= state legislation requires a periodic evaluation of the ATOD program  
 Notes:
- 47 Variable name: evaluator  
 Description: Whether the evaluation of the ATOD program is done by the state, a local department, or both.  
 Coding: 0= program evaluator not mentioned  
 1= evaluation on the state level  
 2= evaluation on the local level  
 3= state and local  
 Notes:
- 48 Variable name: family  
 Description: Whether the ATOD program is required or permitted to be given to parents and family and/or parental/familial involvement is required/permitted.  
 Coding: 0= state legislation does not state whether the ATOD program is offered to parents and family  
 1= state legislation states that the ATOD program must be available to parents and family  
 2= state legislation states that the ATOD program may be offered to parents and family



- Notes: State legislation may mention extending the program to parents and family of the student. This may be a requirement or it may be permitted. This does not mean that parents and family must attend, just that the districts must offer it.
- 49 Variable name: tob\_law  
 Description: Whether the state law requires, suggests, or permits tobacco instruction.  
 Coding: 0 = no state law on tobacco instruction  
 1= tobacco instruction is required  
 2= tobacco instruction is suggested  
 3= tobacco instruction is permitted  
 Notes:
- 50 Variable name: tob\_developer  
 Description: The department level (state, local, or both) in charge of creating the tobacco curriculum.  
 Coding: 0= state legislation does not specify which department is to create tobacco curriculum  
 1= state level department to create tobacco curriculum  
 2= state and local department to create tobacco curriculum  
 Notes:
- 51 Variable name: tob\_directive  
 Description: Whether the districts are to adopt the state standards exactly as is, use as a guide or minimum requirement, or whether the program is voluntary.  
 Coding: 0= state legislation does not specify how districts are to use the standards  
 1= districts are to use state standards as a guide/minimum  
 2= districts are to use district standards  
 Notes:
- 52 Variable name: tob\_materials  
 Description: Whether or not state legislation orders a department to create instructional materials on tobacco in addition to standards or a list of available programs.  
 Coding: 0= state legislation does not require tobacco instructional resources to be created by any designated department(s)  
 1= state legislation permits tobacco instructional

resources to be created by a designated department(s)

Notes:

- 53 Variable name: tob\_evidencebased  
Description: Whether or not state legislation-mandated tobacco program is to be based on "evidence-based" programs.  
Coding: 0= state legislation does not mandate a tobacco program based on "evidence-based" programs  
1= state legislation mandates a tobacco program based on "evidence-based" programs  
Notes:
- 54 Variable name: tob\_instructor  
Description: Who is to teach the tobacco curriculum.  
Coding: 0= state legislation does not specify  
1= teachers are to teach tobacco curriculum  
Notes:
- 55 Variable name: tob\_training  
Description: Whether or not state legislation mentions tobacco training for the instructors.  
Coding: 0= state legislation does not require a training program for the tobacco instructors  
1= state legislation requires a training program for the tobacco instructors  
Notes:
- 56 Variable name: tob\_pressure  
Description: Whether or not students must be taught the skills needed to counter societal and peer pressures to use tobacco.  
Coding: 0= state legislation does not state that students are to be taught the skills needed to counter societal and peer pressures to use tobacco  
1= state legislation states that students are to be taught the skills needed to counter societal and peer pressures to use tobacco
- 57 Notes: Code if state legislation explicitly states that teaching students the skills needed to counter societal and peer pressures to use tobacco are to be included in the standards.

- Variable name: tob\_grades  
 Description: The grade levels in which tobacco instruction is to be taught.  
 Coding: X-X  
 Notes: P for preschool, K for kindergarten, and Numeric for grade levels. Example: K-12 or 7-12.
- 58 Variable name: tob\_harmful  
 Description: Whether or not students must be taught about the harmful effects of tobacco on the body and/or mind.  
 Coding: 0= state legislation does not state that students must be taught about the harmful effects of tobacco on the body and/or mind  
 1= state legislation states that students must be taught about the harmful effects of tobacco on the body and/or mind  
 Notes:
- 59 Variable name: tob\_social  
 Description: Whether or not students must be taught about tobacco effects on social or economic conditions.  
 Coding: 0= state legislation does not state that students must be taught about tobacco effects on social or economic conditions  
 1= state legislation states that students must be taught about tobacco effects on social or economic conditions  
 Notes:
- 60 Variable name: tob\_prevention  
 Description: Whether or not students must be taught about prevention, non-use, and/or resistance against the use of tobacco.  
 Coding: 0= state legislation does not state that students must learn about prevention, non-use, or resistance  
 1= state legislation states that students must learn about prevention, non-use, or resistance  
 Notes:
- 61 Variable name: tob\_cosmetic  
 Description: Whether or not the cosmetic effects of tobacco use is required to be taught as part of the curriculum.  
 Coding: 0= no mention of cosmetic effects of tobacco use in state legislation  
 1= instructors are to teach about the cosmetic effects

of tobacco use

Notes:

- 62 Variable name: tob\_programeval  
Description: Whether or not state legislation orders an evaluation of the tobacco program.  
Coding: 0= state legislation does not require an evaluation of the tobacco program  
1= state legislation requires a periodic evaluation of the tobacco program  
Notes:
- 63 Variable name: tob\_evaluator  
Description: Whether the evaluation of the tobacco program is done by the state, a local department, or both.  
Coding: 0= program evaluator not mentioned  
1= state level evaluators of tobacco program  
Notes:
- 64 Variable name: tob\_family  
Description: Whether or not the tobacco program is required or permitted to be given to parents and family.  
Coding: 0= state legislation does not state whether the tobacco program is offered to parents and family  
1= state legislation states that the tobacco program must be available to parents and family  
Notes: