

# Block Grant



Oklahoma • U.S.A.



“There are lies, damn lies and  
statistics.”

Mark Twain

# Construct

The conceptual framework used to organize substance consumption and consequence data into discrete categories, or “constructs”.

# Indicator

For each data construct, one or more specific measures (or “indicators”) are identified. Indicators have specific data sources and precise definitions. Indicators are what are used to collect data and quantify the constructs related to outcomes.



# Block Grant Constructs and Indicators

Construct	Indicators	Data Source	State Baseline	Smallest Sampling Unit
Underage Drinking	Current, 30-day alcohol use among youth under age 21	Youth Risk Behavior Survey (YRBS), Oklahoma Prevention Needs Assessment (OPNA)	2009 YRBS: 39%, 95% CI: 35-43 2010 OPNA 12 <sup>th</sup> Grade: 42.9%	State, County
	Current, 30-day binge drinking among youth under age 21	YRBS, OPNA (past 2 weeks)	2009 YRBS: 24%, 95% CI: 20.2-28.3 2010 OPNA 12 <sup>th</sup> Grade: 28%	State, County
	Current 30-day drinking and driving among youth under age 21	YRBS, OPNA	2009 YRBS: 11%, 95% CI: 8.7-13.7 2010 OPNA 12 <sup>th</sup> Grade: 16.7%	State, County

# Relation of Age of Onset of Alcohol Use to Prevalence of Lifetime Alcohol Abuse

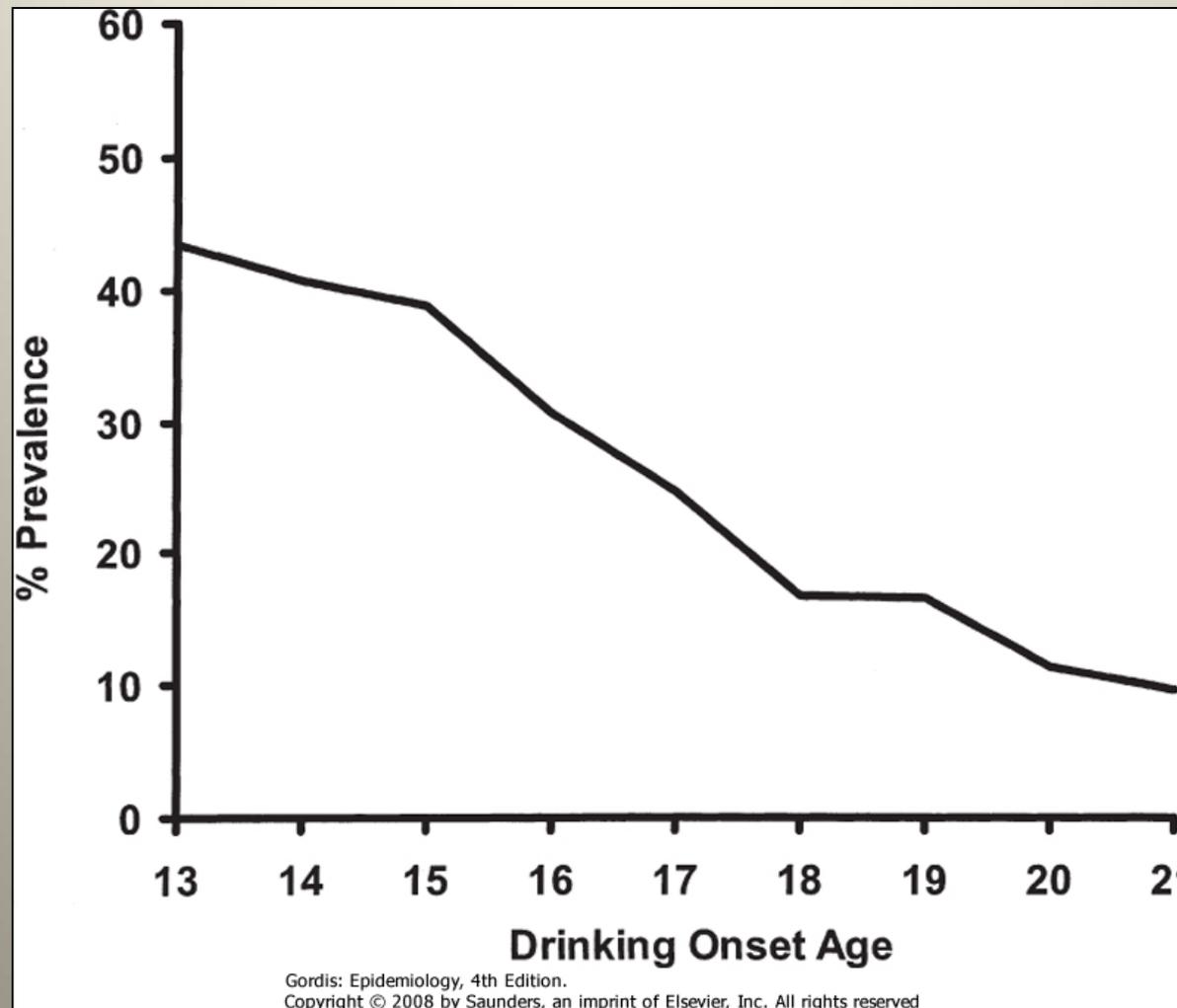


Figure 14-24 Relation of age of onset of alcohol use to prevalence of lifetime alcohol abuse. (Adapted from Grant BF, Dawson DA: Age at onset of alcohol use and its association with DSM-IV alcohol abuse and dependence: Results from the National Longitudinal Alcohol Epidemiologic Survey. *J Subst Abuse* 9:103-110, 1997.)

# Block Grant Constructs and Indicators

Constructs	Indicators	Data Sources	State Baseline	Smallest Sampling Unit
Binge Drinking	Current, 30-day binge drinking among adults age 18 and older	BRFSS	2009 BRFSS 13.0%, 95 CI: 11.7-14.3	State, County
Inhalant Use	Current, 30-day inhalant use among 6, 8, 10, and 12 graders  Lifetime, any inhalant use among 6, 8, 10, and 12 graders	OPNA	2010 OPNA 12 <sup>th</sup> Grade: 1.6%  2010 OPNA 12 <sup>th</sup> Grade: 9.2%,	State, County

# Block Grant Constructs and Indicators

Constructs	Indicators	Data Sources	State Baseline	Smallest Sampling Unit
Nonmedical Use of Prescription Drugs	<p>Past year use of pain relievers among adults age 18-25</p> <p>Current, 30-day use of prescription drugs among 6, 8, 10, and 12 graders</p>	National Survey on Drug Abuse and Health (NSDUH), OPNA	<p>2007-2008 NSDUH, 12-17 years old: 8.7%, 95 CI: 7.0-10.8</p> <p>2010 OPNA, 12<sup>th</sup> Grade: 9.6%</p>	State, County
Methamphetamine Use	<p>Past year methamphetamine use among adults age 18-25</p> <p>Current, 30-day methamphetamine use among 6, 8, 10, and 12 graders</p>	NSDUH, OPNA	<p>2002-2004, NSDUH, 18-25 years old: 3.6%, 95% CI: 2.1-6.0</p> <p>2010 OPNA, 12<sup>th</sup> Grade: 0.8%</p>	State, County

# Block Grant Constructs and Indicators

Constructs	Indicators	Data Sources	State Baseline	Smallest Sampling Unit
Alcohol Use During Pregnancy	Any alcohol use in last 3 months of pregnancy  Any alcohol use during pregnancy	Pregnancy Risk Assessment Monitoring System (PRAMS) Birth certificates (BC)	2008 PRAMS: Prevalence: 61 per 1,000, 95% CI: 45-81) 2008 BCs: 4.27 per 1,000	State, BC: County
Marijuana Use	Current 30-day marijuana use among 6, 8, 10, and 12 graders  Lifetime marijuana use among 6, 8, 10, and 12 graders	YRBS, OPNA	2009 YRBS, 12 <sup>th</sup> Grade: 23.5% 2010 OPNA, 12 <sup>th</sup> Grade: 16.3%  2010 OPNA, 12 <sup>th</sup> Grade: 35.4%	

# Some Caveats and Limitations

1. May require sum of multiple years
2. Confidence intervals not published
3. Not a random sample
4. Not a weighted and adjusted sample
5. Variable county availability – 0 to 84% of students (2010 OPNA)
6. Estimates based on an equation (small area estimate), may not have sampled Oklahoma at all

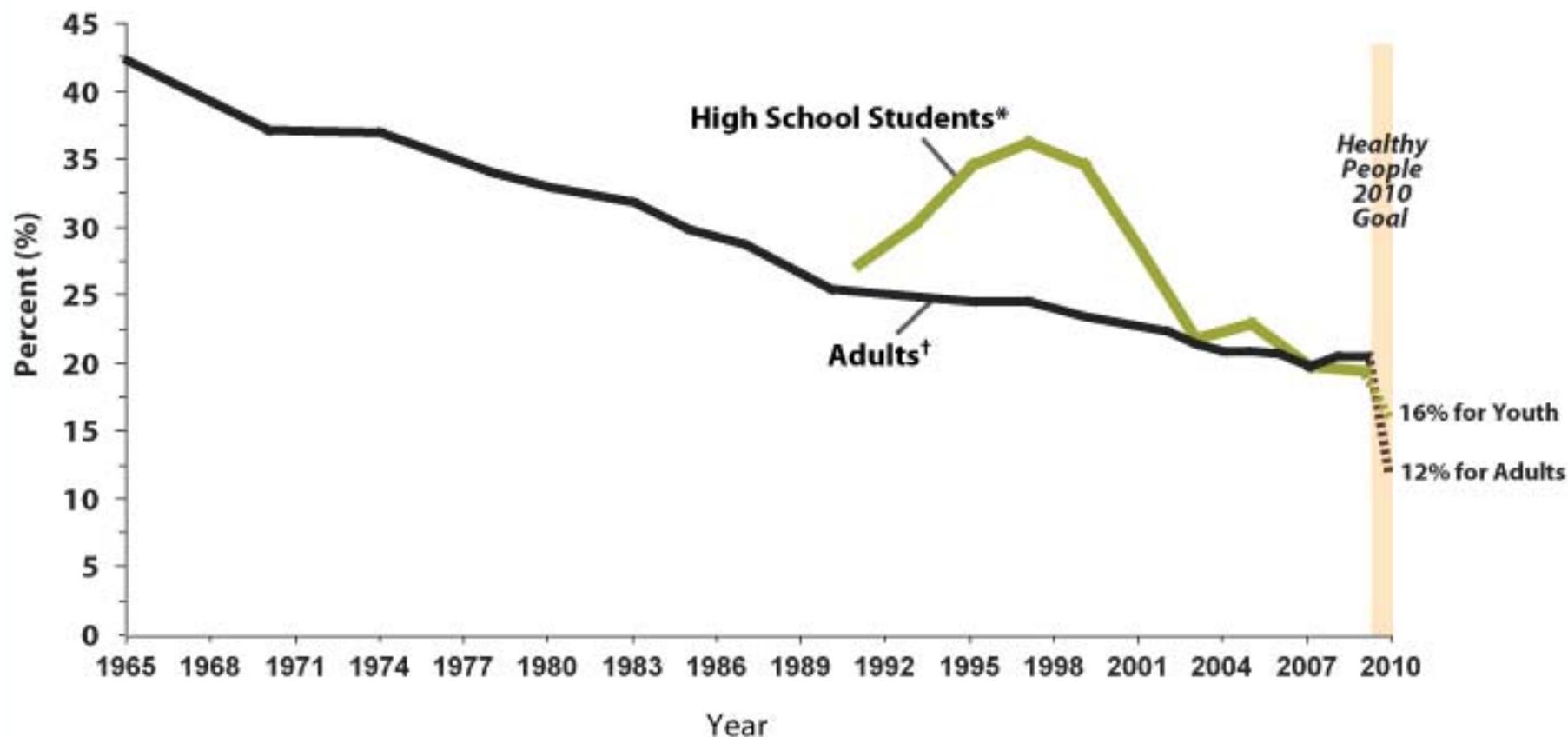
# Other Indicator Data Sources: Consequences

- Alcohol related motor vehicle accidents
- Driving under the influence (DUIs)
- Substance abuse related domestic violence
- Substance abuse related violence, e.g., rape
- Incarceration and substance abuse arrests
- High school dropout rate
- Unemployment

# Other Indicator Data Sources: Associated Data

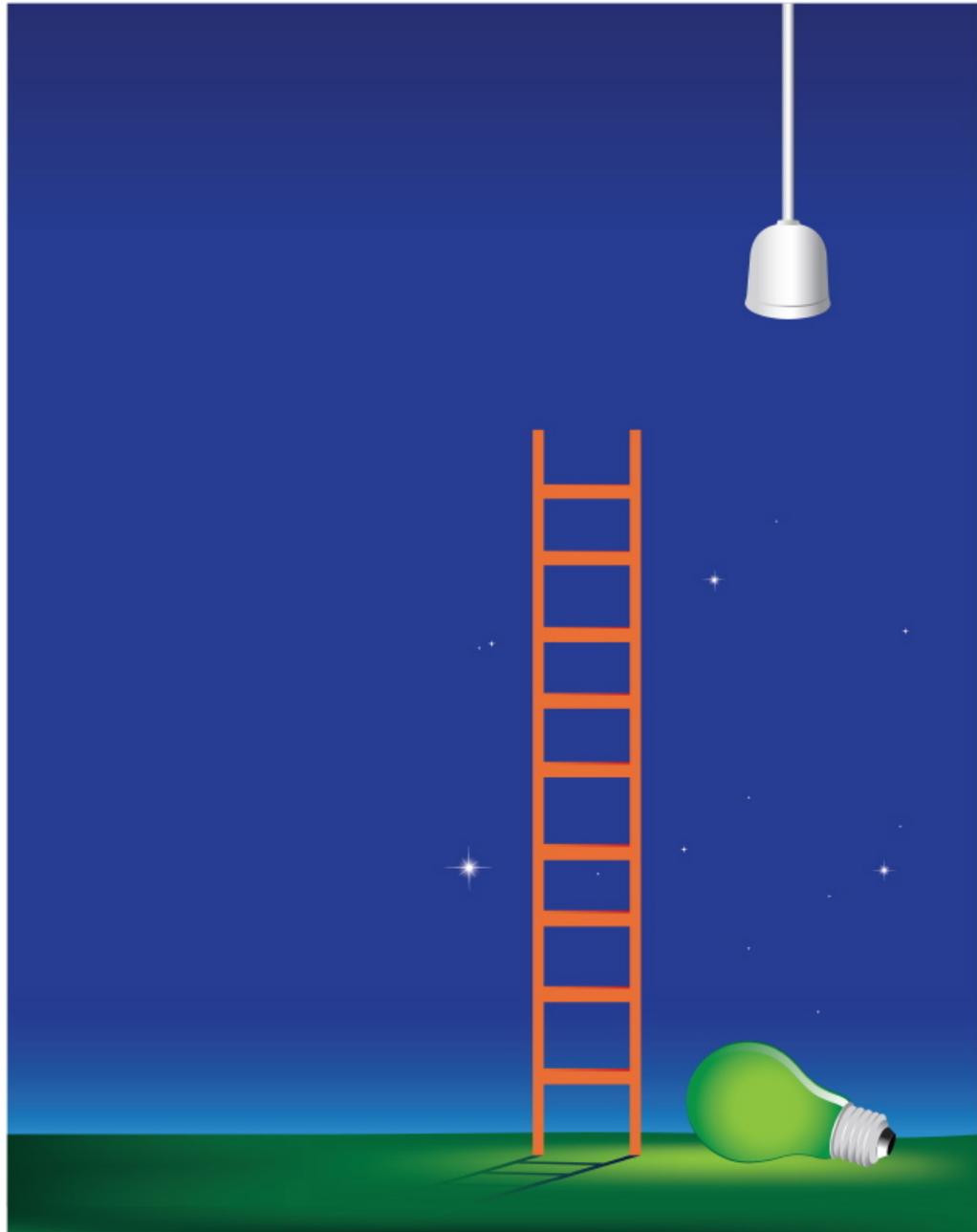
- Retail Availability
- Social Availability
- Community Norms
- Family Norms
- Peer Influences
- Individual Factors

## Trends in Current Cigarette Smoking Among High School Students\* and Adults,†United States, 1965–2009



\*Percentage of high school students who smoked cigarettes on 1 or more of the 30 days preceding the survey (Youth Risk Behavior Survey, 1991–2009).

†Percentage of adults who are current cigarette smokers (National Health Interview Survey, 1965–2009).



It ain't what you don't know that gets you into trouble. It's what you know for sure that just ain't so.

Mark Twain



Be a healthy statistic