

FY 2017 Prevention Outcomes

Annual Report



Prevention Quarterly Meeting
May 5, 2018

South Carolina
DAODAS
Department of Alcohol and Other Drug Abuse Services



Bostonese 101



Water fountain



Bubbler



Bubblah



Bostonese 101

Coffee regular

Regular size



Caffeine



Cream and sugar



Bostonese 101

Wicked: Definition

Evil



Cool (adj):

That Mustang convertible is wicked.

Extremely (adv):

That Mustang convertible is wicked cool.

We had a wicked good time at the NPN conference in Boston.

Bostonese 101: Putting It All Together

*At the Sox game last night I was wicked hot.
I searched all inning for a bubblah.*

***Dunkin Donuts server:** What'll ya have hon?*

***You:** I'll have a glazed chocolate donut and a coffee
regular.*

The Report

- Produced by PIRE
 - Al Stein-Seroussi
 - Mikella Allen
 - Michael George
 - Sean Hanley
- Data are from July 1, 2016 – June 30, 2017 (FY '17)
- Summarizes data from many forms of prevention services, but not all
- Copies of the final report will be available for download from SC Prevention Documents website: <http://ncweb.pire.org/scdocuments/>
- Correspondence about the report can be addressed to:
Al Stein-Seroussi
stein@pire.org
919-265-2616

The Report

- Pre and Post Tests
- Environmental Strategies
- Synar
- Other Prevention Interventions
- Statewide Youth Substance Use Estimates

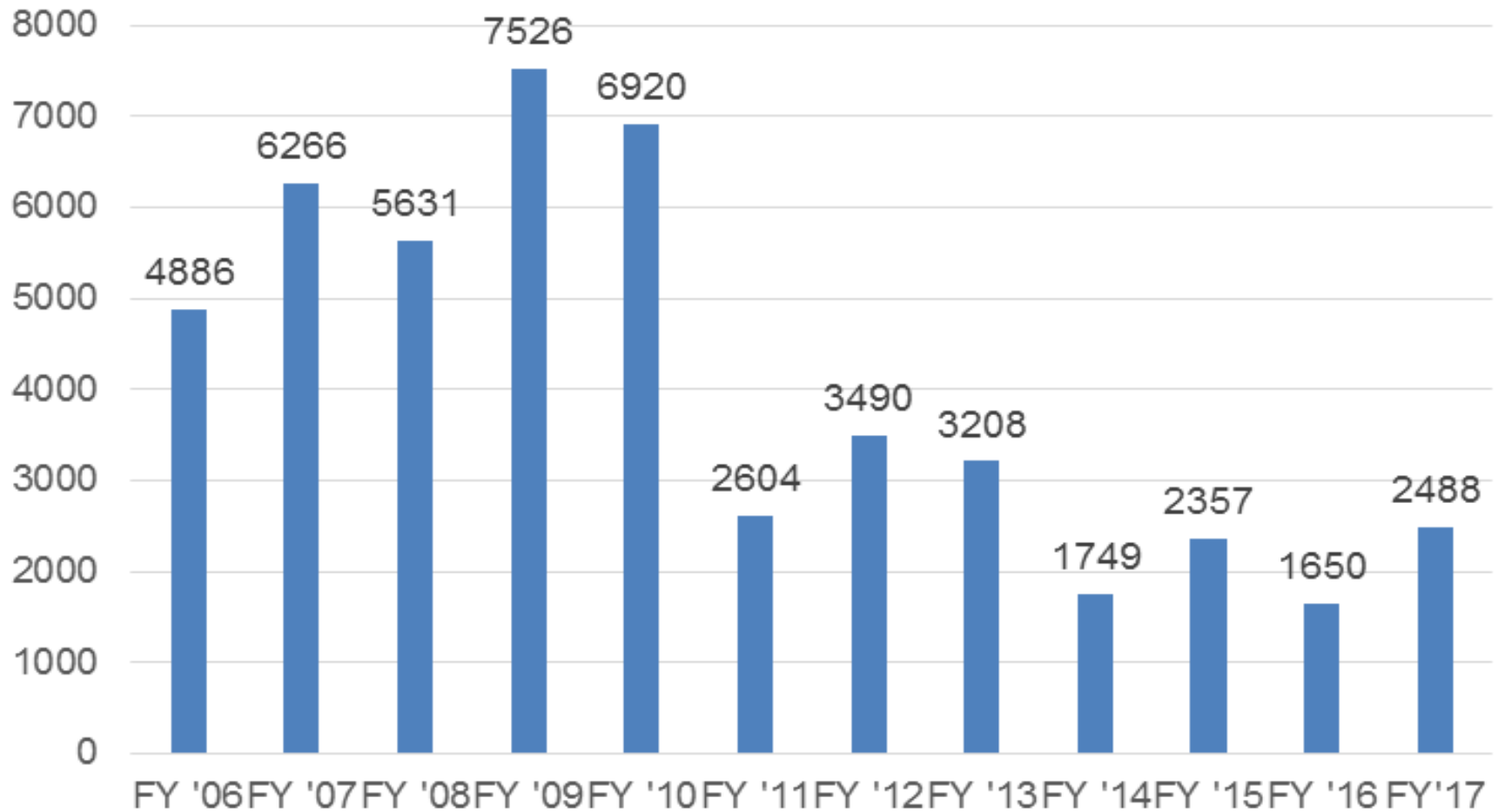


PRE AND POST TESTS

Curriculum Program Data

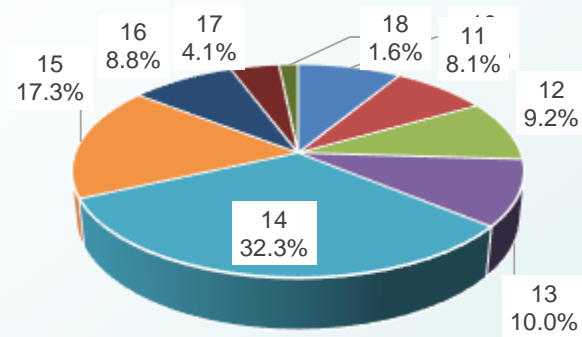
- Pre- and post-test design (Standard Survey)
- 2,488 matched tests (more than FY 16)
- 10 different curricula
- Most common programs
 - Life Skills (1572)
 - Alcohol Stories (239)
 - Project TND (178)
 - ATOD 101 (142)
 - Prime for Live Exploring (102)

Number of Matched Pre-Tests by Year

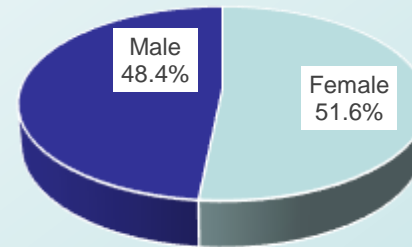


Participant Demographics

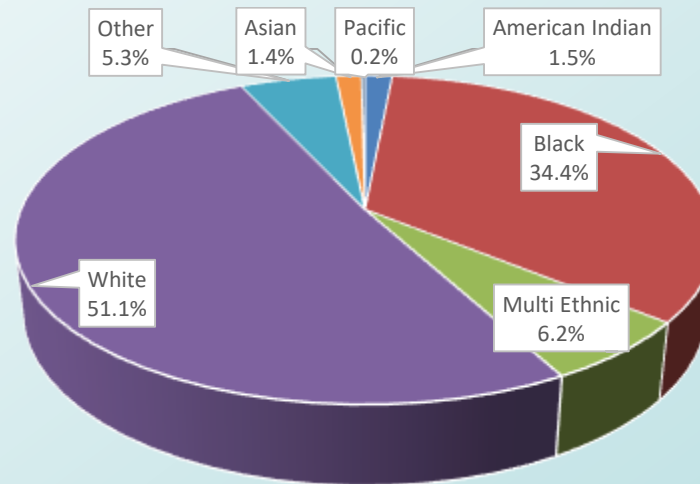
Age



Sex



Race



6.4% of participants were Hispanic/Latino.

Risk Factor Data

Risk-Factor Measure	Possible Range of Scores	Pre-Test Average	Post-Test Average	FY '17 % Change ^a	FY '16 % Change
Perceived Risk	0-3	1.93	2.10	8.93**	10.92**
Decision-Making	0-3	1.86	1.94	4.20**	4.27**
Disapproval of Use	0-2	1.52	1.54	1.61**	2.09**
Perceived Peer Norms	0-10	8.22	8.27	0.64**	1.63**
Perceived Parental Attitudes	0-3	2.81	2.80	-0.44	-0.35

Positive scores are more favorable.

^a FY '17 % Change calculations are based on unrounded pre- and post-test values and, therefore, may not match the percentages that would be obtained using the rounded pre- and post-test values.

* Pre- and post-test averages are marginally significantly different ($p < .10$.)

** Pre- and post-test averages are significantly different ($p < .05$.)

Substance Use Measures

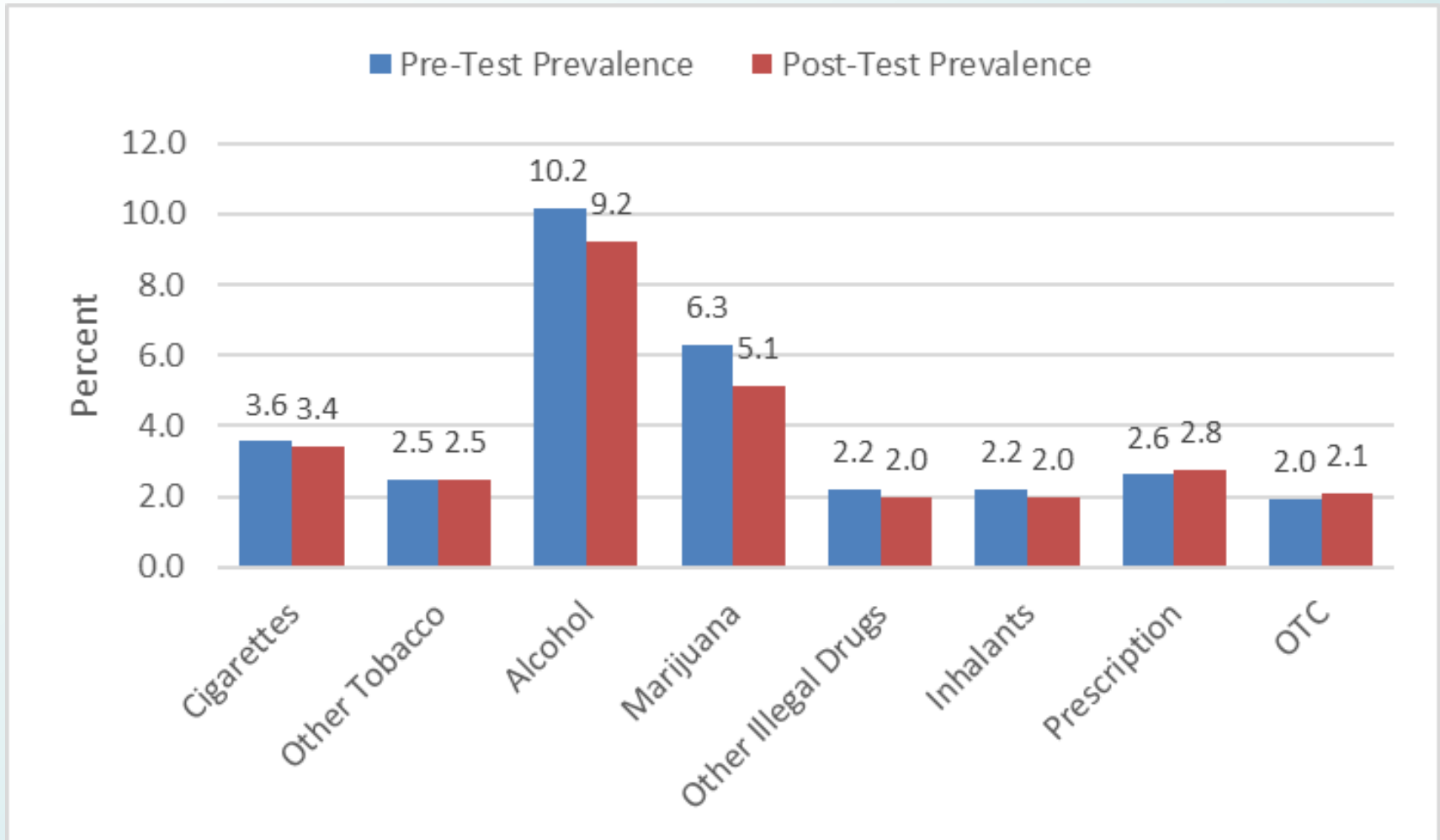
Risk-Factor Measure: 30 Day Use	% Using at Pre-Test	% Using at Post-Test	FY '17 % Change	FY '16 % Change
Cigarettes	3.56	3.42	-3.93	-38.98**
Other Tobacco	2.47	2.48	0.40	-24.71*
Alcohol	10.16	9.22	-9.25	-26.26**
Marijuana	6.29	5.13	-18.44**	-39.91**
Other Illegal Drugs	2.19	1.99	-9.13	-36.61*
Inhalants	2.19	1.99	-9.13	-17.93
Non-Medical Prescription Drugs	2.63	2.77	5.32	-19.23
Non-Medical OTC Drugs	1.95	2.08	6.67	-20.50

Negative changes are desired for these items

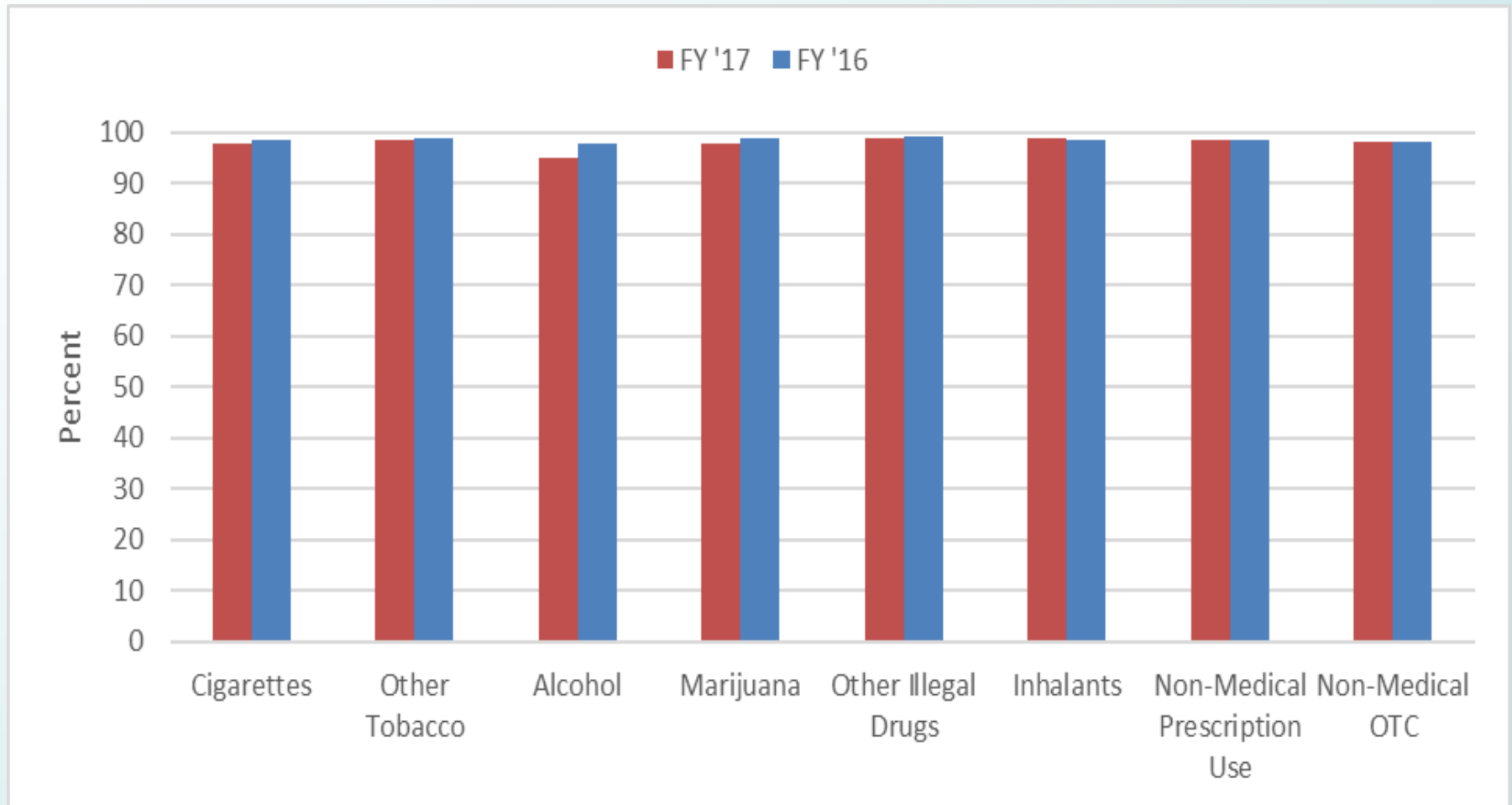
* Pre- and post-test averages are marginally significantly different (p < .10.)

** Pre- and post-test averages are statistically significantly different (p < .05)

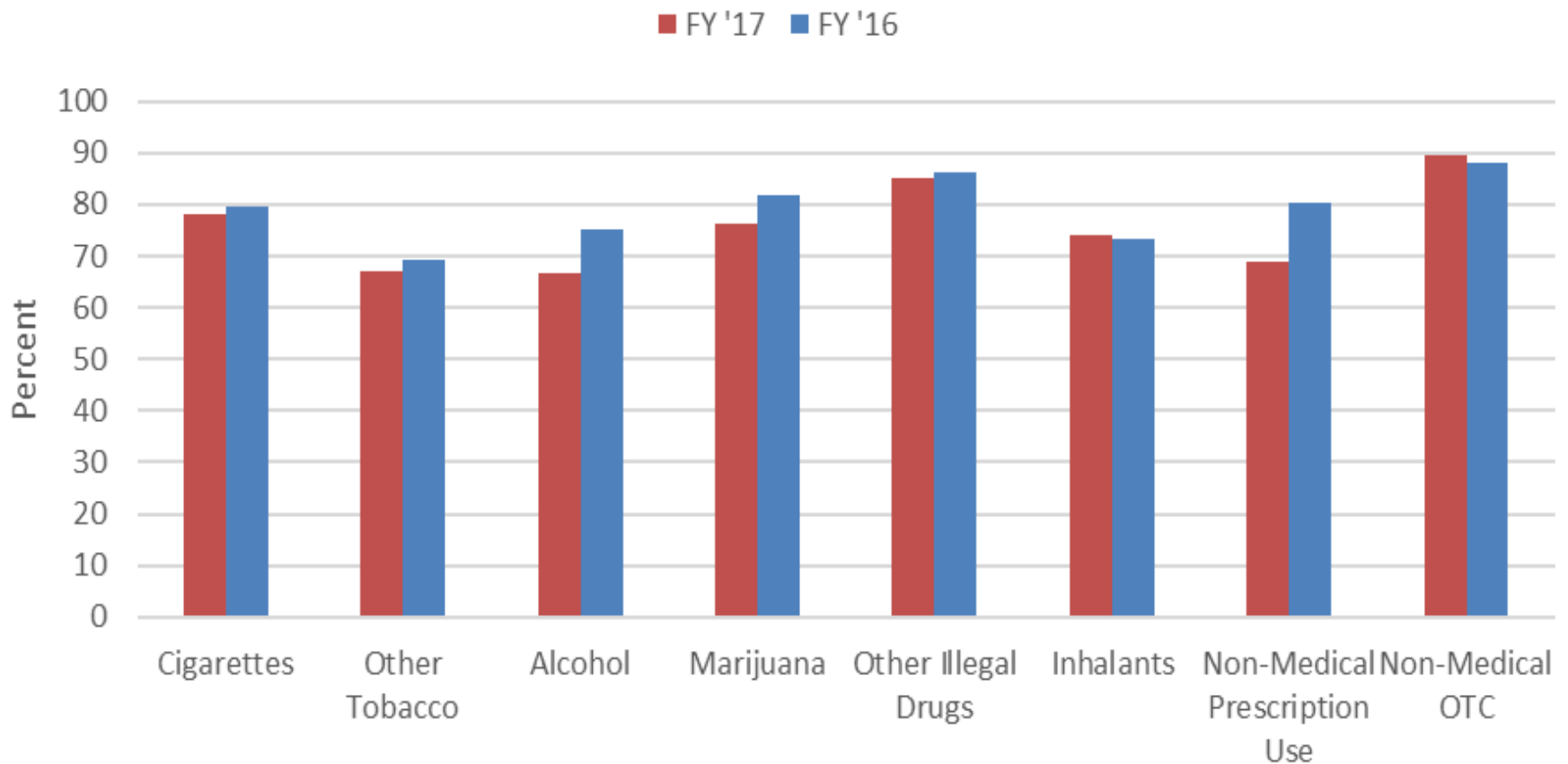
Substance Use Measures



Non-Users Who Remained Non-Users



Users Who Reduced Their Level of Use



Summary Demographic Outcomes

Category (number)	Perceived Risk	Decision Making	Disapproval of Use	Perceived Peer Norms	Perceived Parental Attitudes	Cigarettes	Other Tobacco	Alcohol	Marijuana	Other Illegal Drugs	Inhalants	Non-medical Use of Prescriptions	Non-medical Use of OTCs	
DEMOGRAPHICS														
Overall Middle School (1414)	*	*	*	*		*		*	*					
Overall High School (230)	*								*	*				
Females (885)	*	*		*		*		*	*			*		
Males (762)	*	*	*	*					*					
Black/African American (755)	*	*	*	*		*		*	*					
White (629)	*													
Multi-ethnic (90)	*													
Other (127)	*													
Hispanic (144)	*													
Not Hispanic (1455)	*	*	*	*		*		*	*					
LEGEND														
Desired Marginally Significant		Desired Significant					*							
Undesired Marginally Significant		Undesired Significant					*							

Summary Program Outcomes FY 17

Category (number)	Perceived Risk	Decision Making	Disapproval of Use	Perceived Peer Norms	Perceived Parental Attitudes	Cigarettes	Other Tobacco	Alcohol	Marijuana	Other Illegal Drugs	Inhalants	Non-medical Use of Prescriptions	Non-medical Use of OTCs	
PROGRAMS														
Alcohol Stories (1 site; n = 239)	*			*										
All Stars (1 site; n = 51)														
ATOD 101 (1 site; n = 142)								*						
Class Action (1 site; n = 40)														
Keepin' It Real (1 site; n = 62)	*	*	*											
Life Skills (9 sites; n = 1572)	*	*		*										
Prime For Life: Exploring (1 site; n =102)	*	*	*	*		*		*				*		
Project Alert (1 site; n = 41)	*													
Project TND (2 sites; n = 178)	*	*	*	*	*				*					
Why Try (2 sites; n = 61)			*	*										
OVERALL (15 sites; n = 2488)	*	*	*	*					*					
LEGEND														
Desired Marginally Significant		Desired Significant					*							
Undesired Marginally Significant		Undesired Significant					*							

Summary Program Outcomes FY 16

Category (number)	Perceived Risk	Decision Making	Disapproval of Use	Perceived Peer Norms	Perceived Parental Attitudes	Cigarettes	Other Tobacco	Alcohol	Marijuana	Other Illegal Drugs	Inhalants	Non-medical Use of Prescriptions	Non-medical Use of OTCs	
PROGRAMS														
Alcohol Stories (1 site; n = 271)	*													
All Stars (2 sites; n = 84)														
Keepin' It Real (1 site; n = 142)														
Life Skills (7 sites; n = 1009)	*	*	*	*				*						
Project Alert (1 site; n = 20)														
Project TND (1 site; n = 27)	*	*	*	*					*					
Too Good For Drugs (1 site; n =57)														
Why Try (1 site; n = 32)														
OVERALL (13 sites; n = 1650)	*	*	*	*		*		*	*					
LEGEND														
Desired Marginally Significant		Desired Significant					*							
Undesired Marginally Significant		Undesired Significant					*							

Summary Program Outcomes FY 15

Category (number)	Perceived Risk	Decision Making	Disapproval of Use	Perceived Peer Norms	Perceived Parental Attitudes	Cigarettes	Other Tobacco	Alcohol	Marijuana	Other Illegal Drugs	Inhalants	Non-medical Use of Prescriptions	Non-medical Use of OTCs	
PROGRAMS														
All Stars (3 sites; n = 303)	*	*	*	*				*					*	
Girls Circle (1 site; n = 28)														
Keepin' It Real (1; n = 119)	*				*									
Life Skills (10 sites; n = 1337)	*	*	*	*			*	*	*		*			
Project Alert (3 sites; n = 261)	*	*			*		*	*						
Project TND (1 site; n = 98)	*	*	*	*	*		*							
Project TNT (1 site; n = 32)	*	*	*											
Tobacco Education Program (1 site; n = 119)	*	*	*	*								*		
Why Try (2 sites; n = 60)	*	*	*	*					*	*				
OVERALL (18 sites; n = 2357)	*	*	*	*			*	*	*		*	*	*	
LEGEND														
Desired Marginally Significant		Desired Significant					*							
Undesired Marginally Significant		Undesired Significant					*							

Methodological Issues

- Floor and Ceiling Effects
- Lack of Comparisons
- Attendance Bias
- Short Duration between Pre and Posts
- Maturation Effects



**ALCOHOL AND TOBACCO
ENVIRONMENTAL
PREVENTION STRATEGIES**

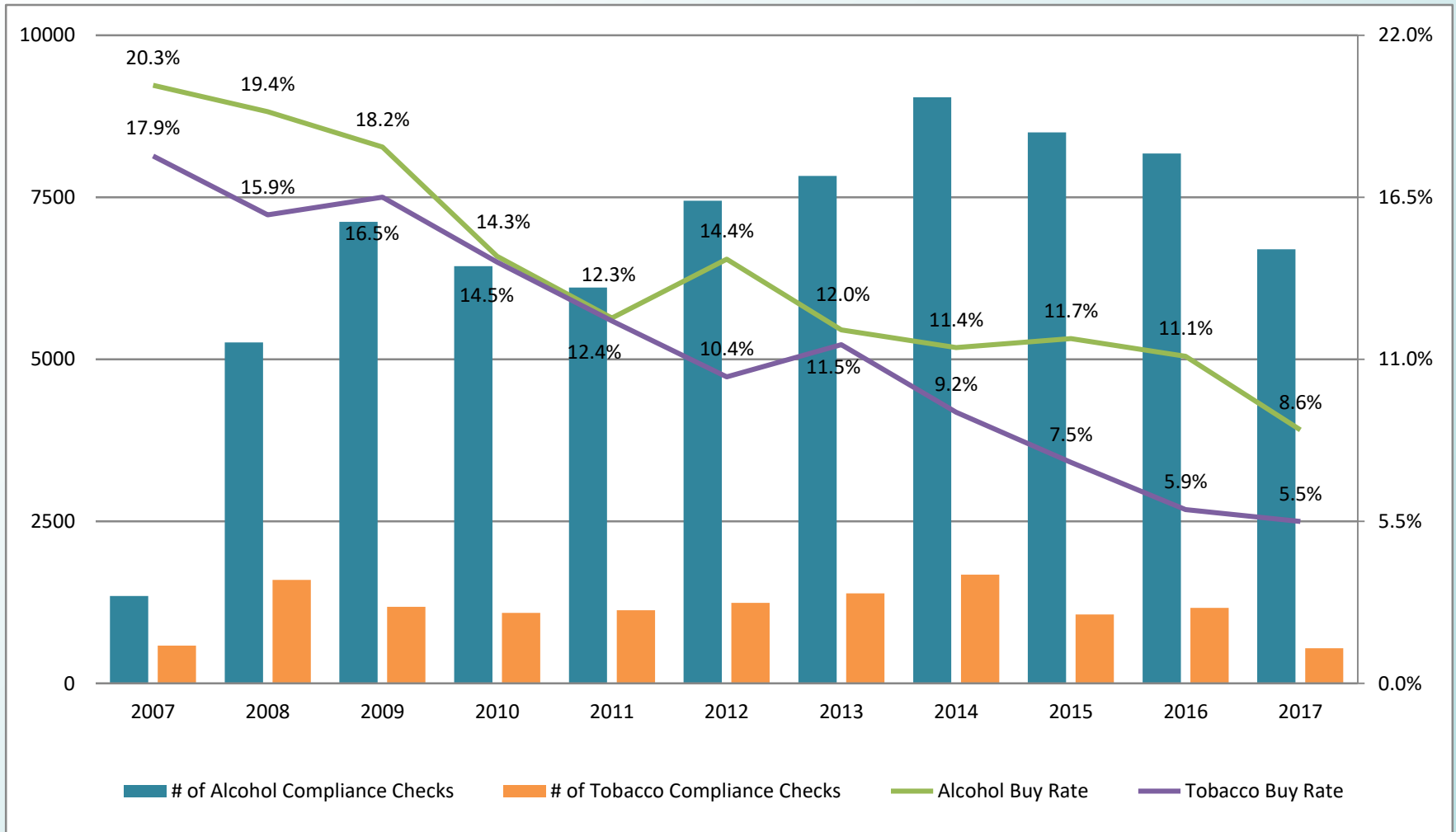
Types of Environmental Strategies

- Compliance Checks (alcohol = 6,696; tobacco = 543)
- Public Safety Checkpoints (434)/Saturation Patrols (131)
- Merchant Education (1,658)
- Shoulder Taps (9)
- Controlled Party Dispersal/Party Patrols (92)
- Multi-jurisdictional Law Enforcement Agreements

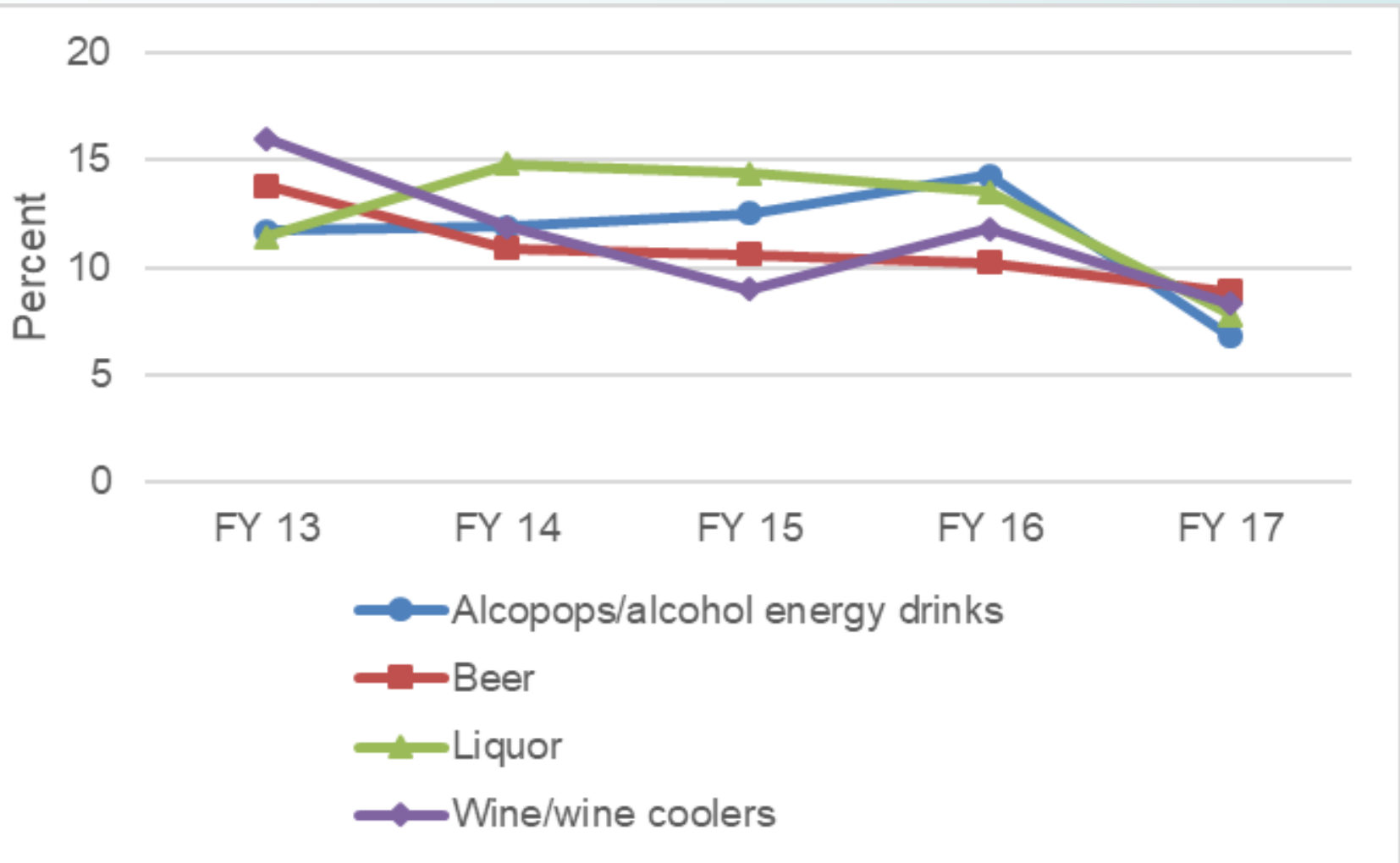
Types of Environmental Strategies (cont.)

- AET Awareness Activities (e.g., education sessions, media, community contacts with youth and retailers)
- AET Training (26 training sessions, 370 individuals)

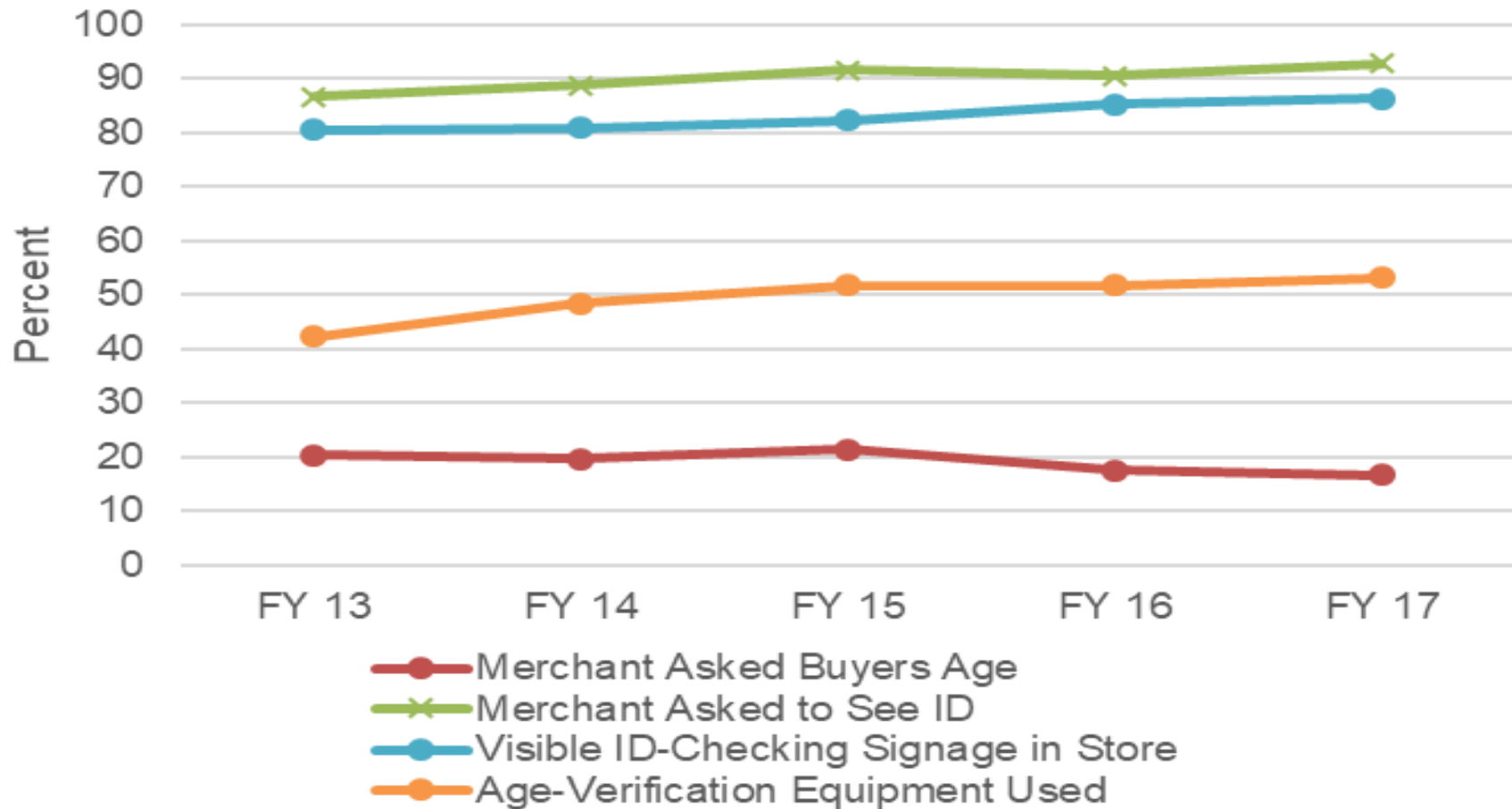
Compliance Checks



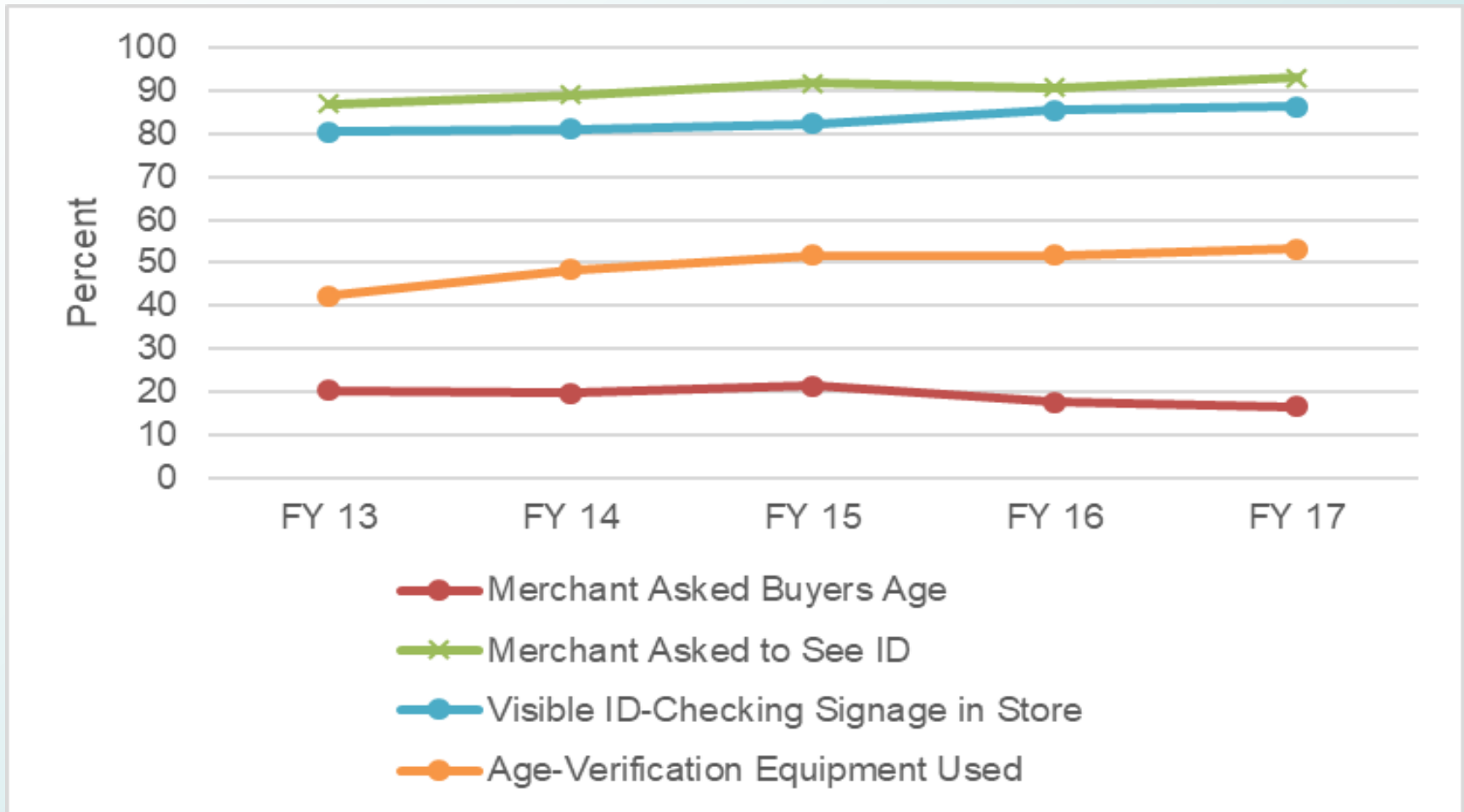
Alcohol Buy Rates by Type of Product



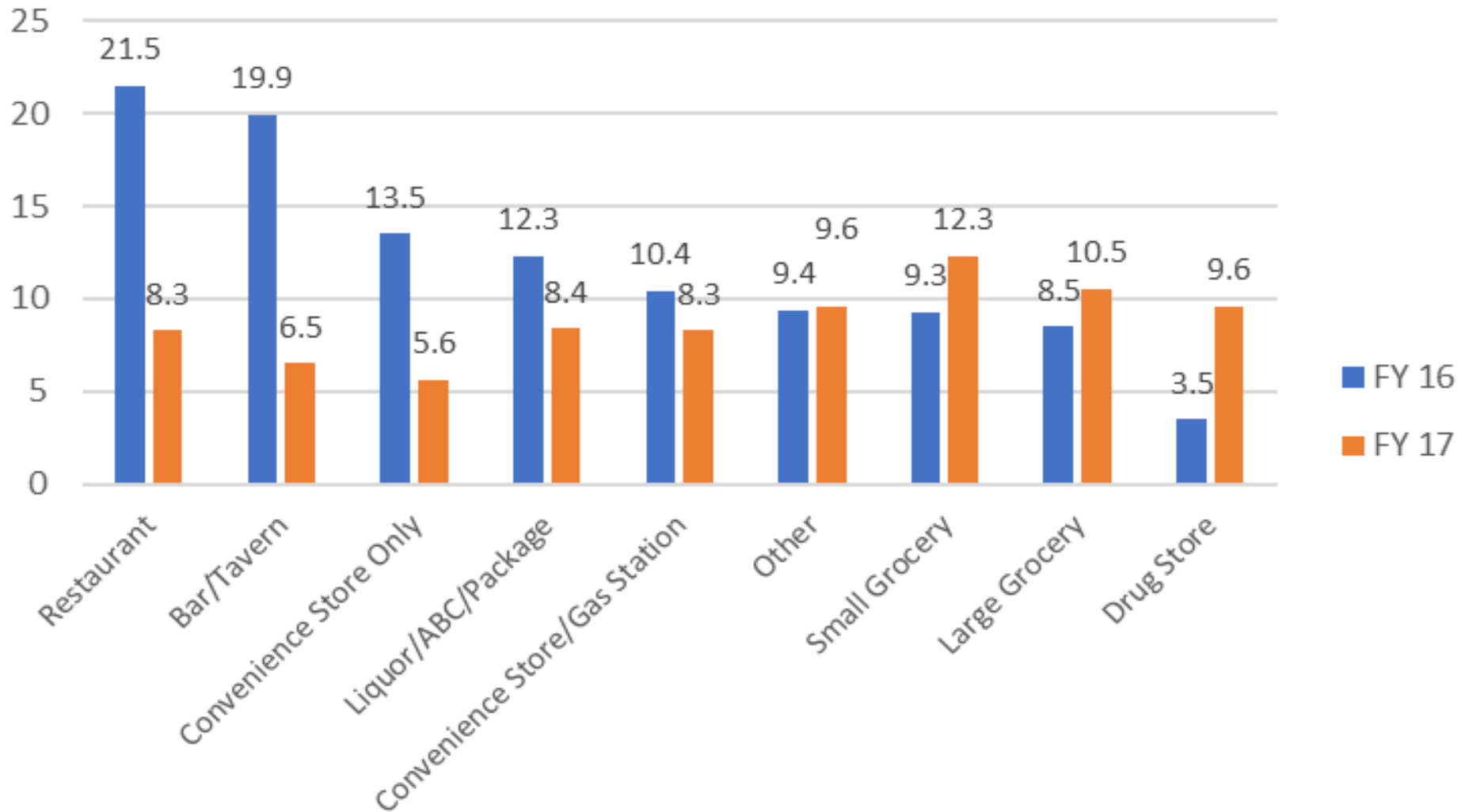
Alcohol Merchant Practices



Tobacco Merchant Practices



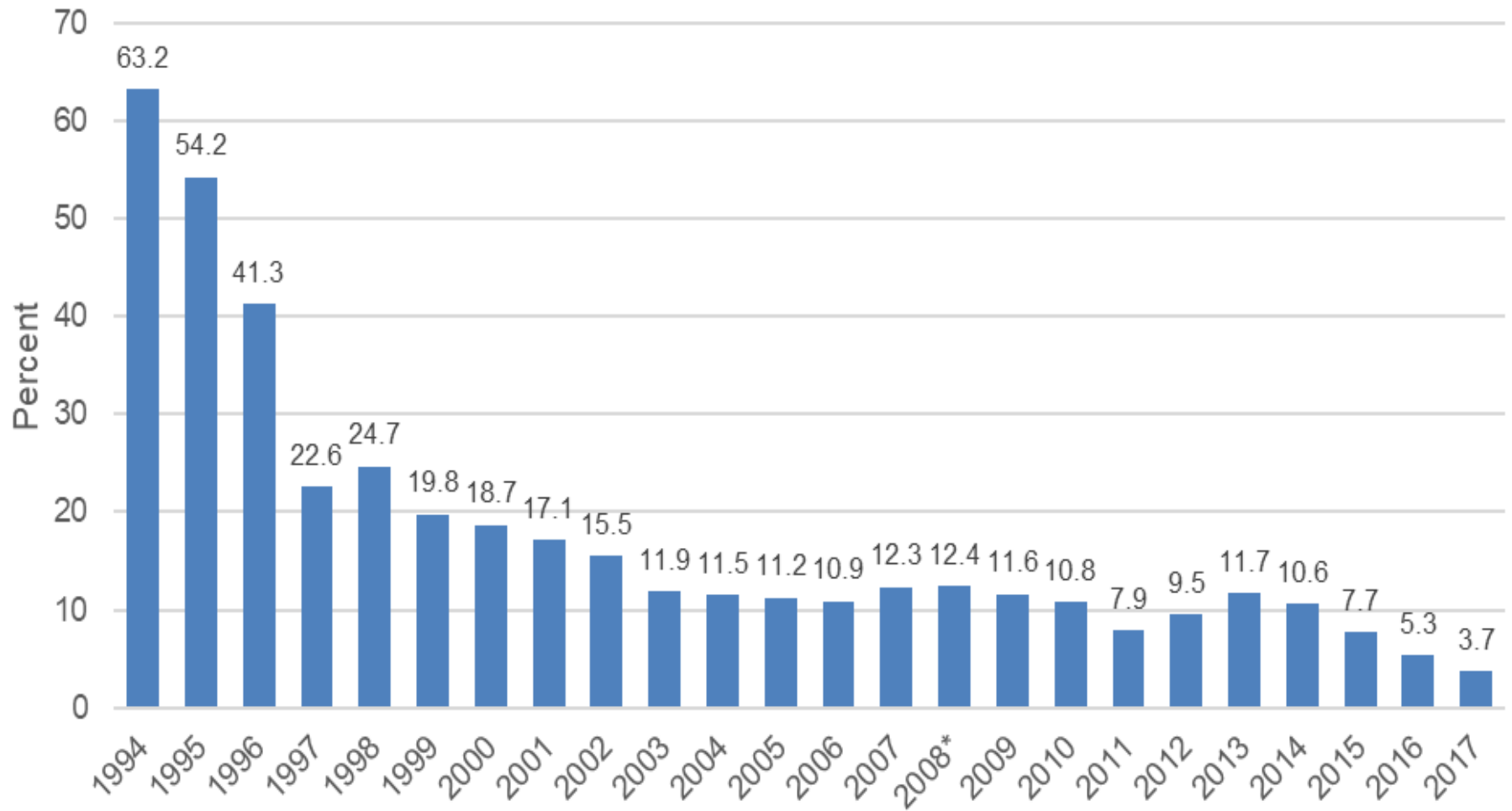
Percentage of Completed Sales by Type of Business





SYNAR

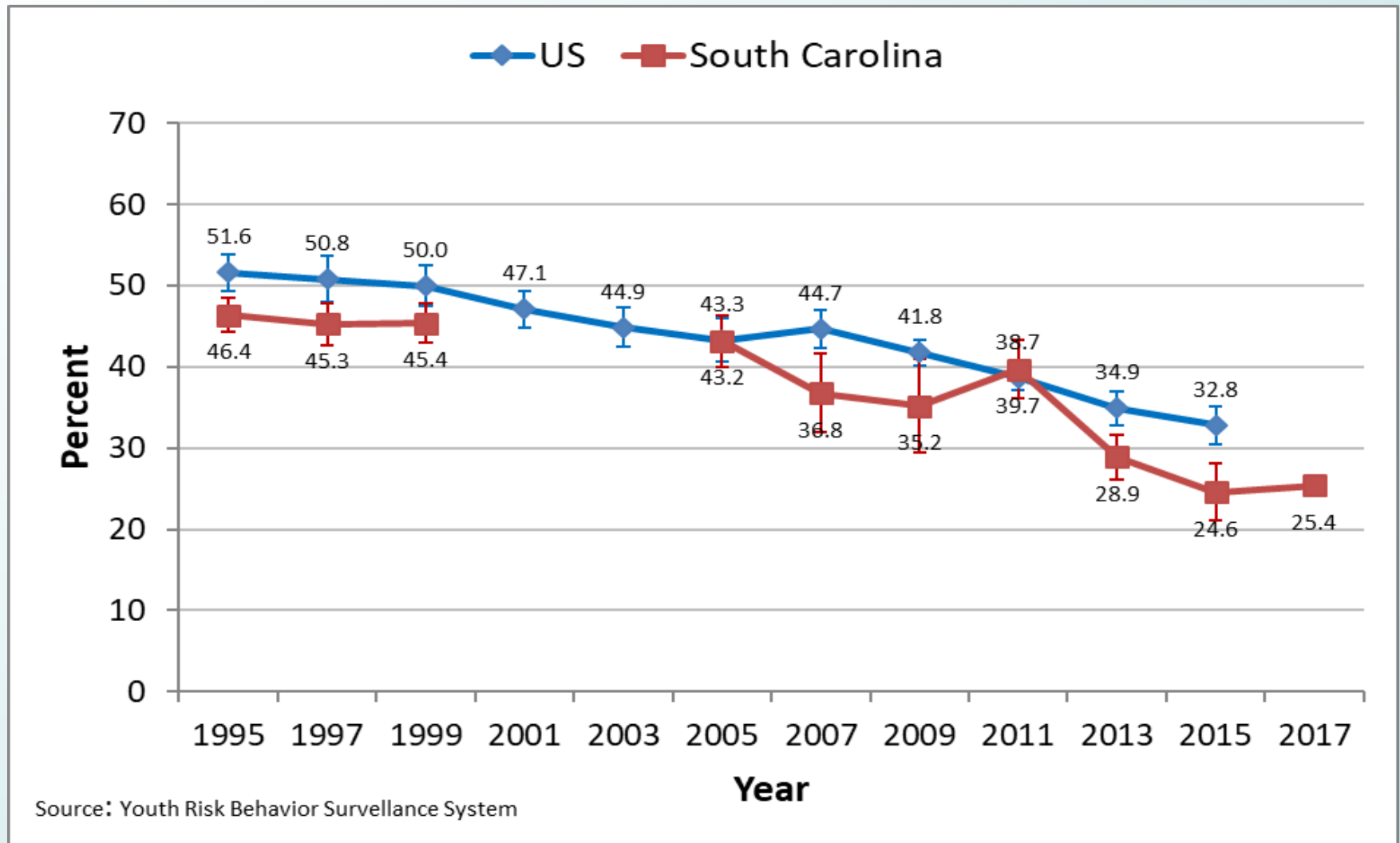
YATS (Synar) Cigarette Purchase Rates (FY 1994-2017)



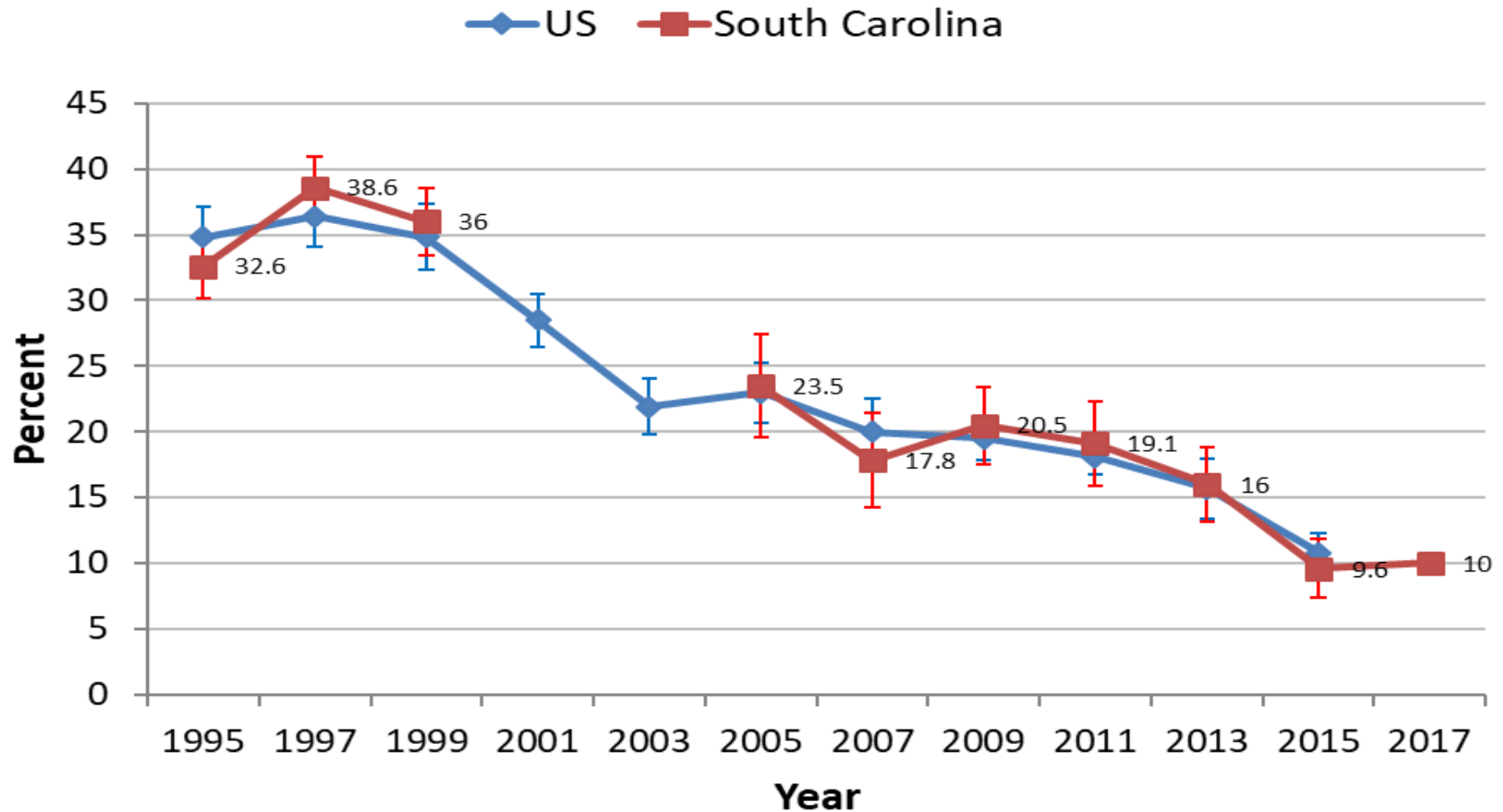


STATEWIDE YOUTH SUBSTANCE USE

Past 30-Day Alcohol, High School

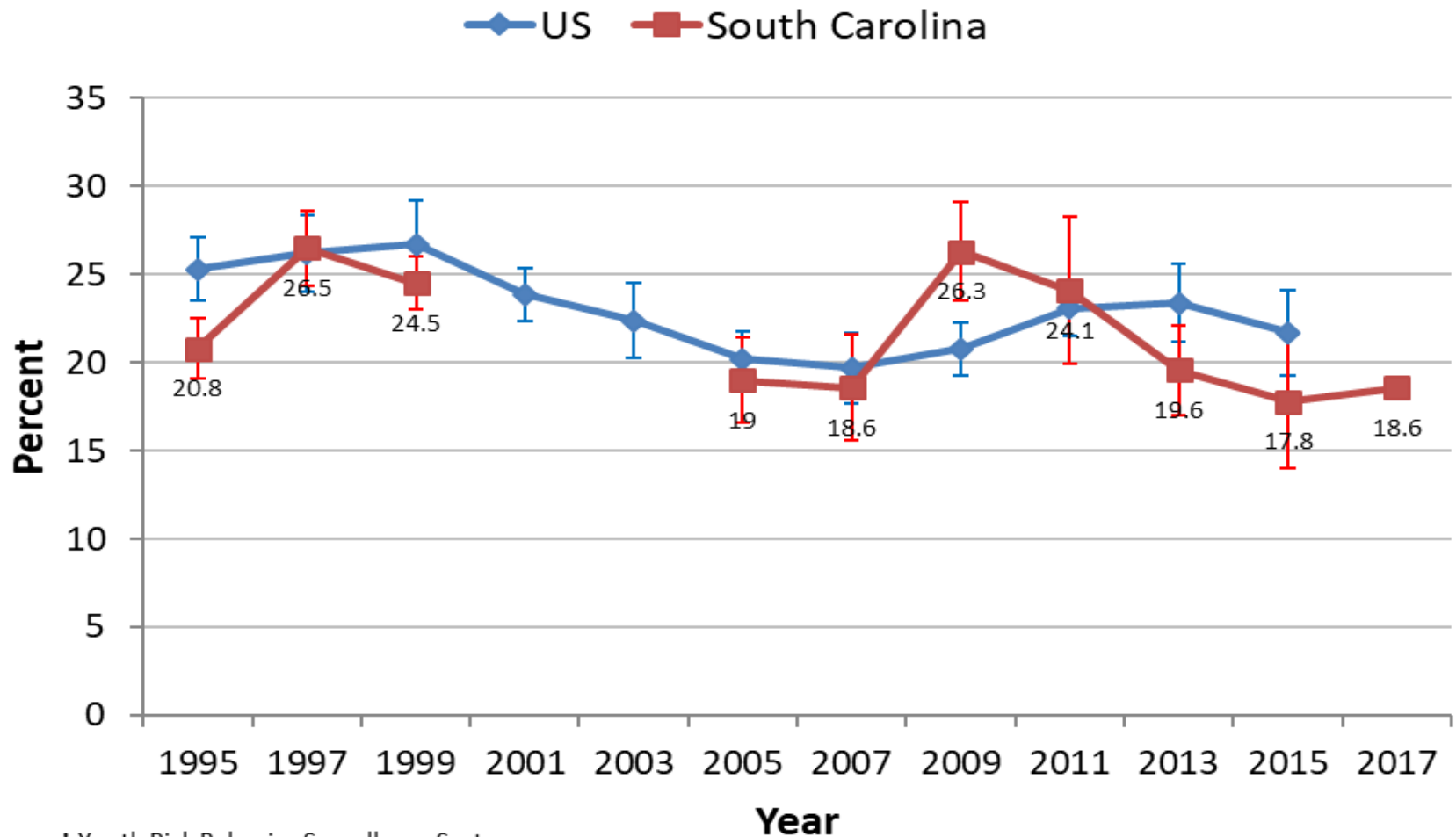


Past 30-Day Cigarette, HS



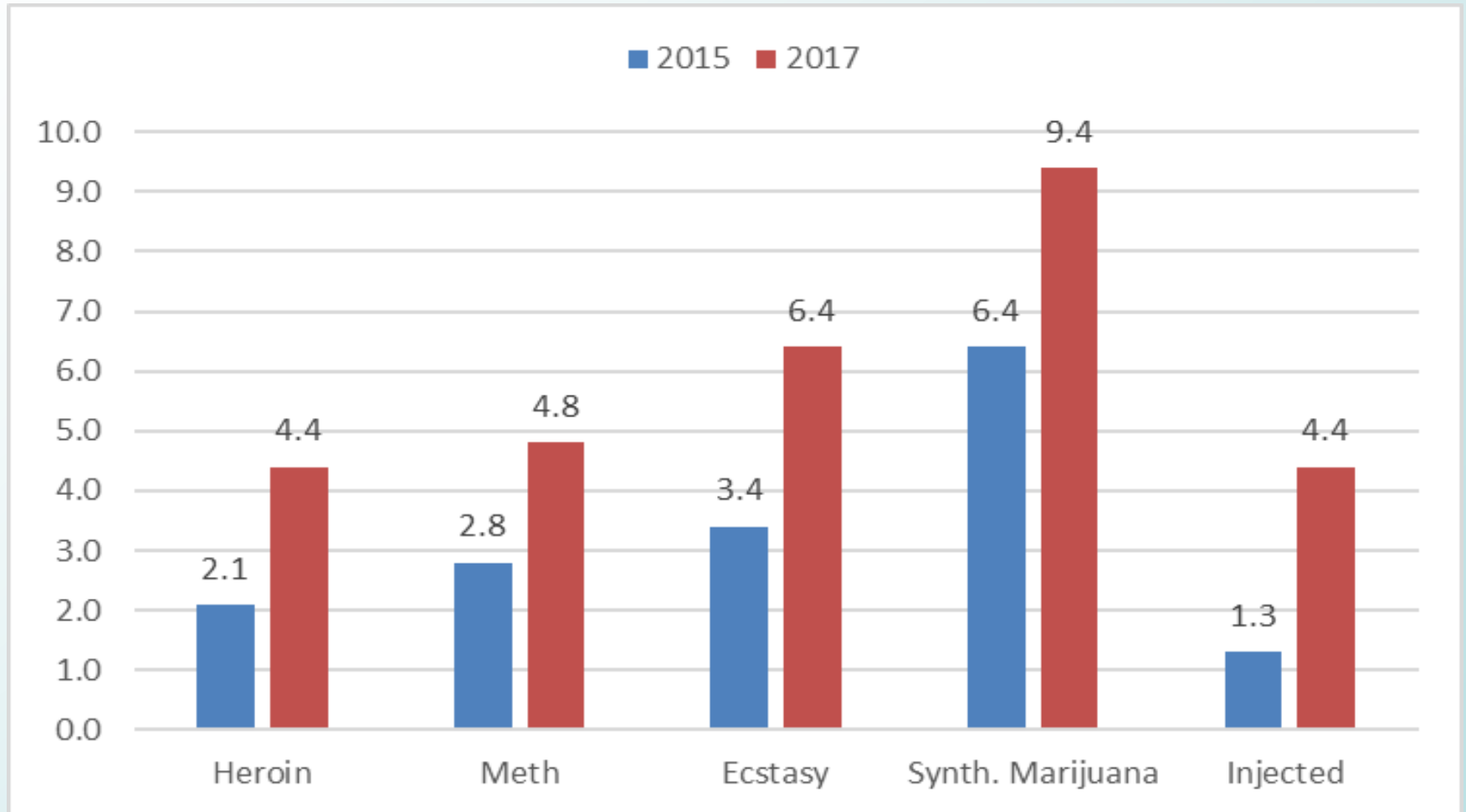
Source: Youth Risk Behavior Surveillance System

Past 30-Day Marijuana, HS



Source: Youth Risk Behavior Surveillance System

Lifetime Drug Use, HS



Discussion Questions

- Why less impact of Life Skills on substance use variables?
- Why uptick in HS substance use?
- What changes are you seeing in your communities around substance use, particularly related to Rx opioids and illegal opioids?