

ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

OMB No 0930-0222

FFY 2010

State: MS



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Substance Abuse and Mental Health Services Administration
Center for Substance Abuse Prevention
www.samhsa.gov

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INTRODUCTION

The Annual Synar Report (ASR) format provides the means for States to comply with the reporting provisions of the Public Health Service Act (42 U.S.C. 300x-26) and the Tobacco Regulation for the SAPT Block Grant (45 C.F.R. 96.130 (e)).

Public reporting burden for the collection of information is estimated to average 15 hours for Section I and 3 hours for Section II, including the time for reviewing instructions, completing and reviewing the collection of information, searching existing data sources, and gathering and maintaining the data needed. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to SAMHSA Reports Clearance Officer; Paperwork Reduction Project; 1 Choke Cherry Road, 7th Floor Rockville, Maryland 20857.

An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number for this project is 0930-0222 with an expiration date of 10-31-2010.

How the Synar report helps the Center for Substance Abuse Prevention

In accordance with the tobacco regulations, States are required to provide detailed information on progress made in enforcing youth tobacco access laws (FFY 2009 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2010 Intended Use Plan). These data are required by 42 U.S.C. 300x-26 and will be used by the Secretary to evaluate State compliance with the statute. Part of the mission of the Center for Substance Abuse Prevention (CSAP) is to assist States¹ by supporting Synar activities and providing technical assistance helpful in determining the type of enforcement measures and control strategies that are most effective. This information is helpful to CSAP in improving technical assistance resources and expertise on enforcement efforts and tobacco control program support activities, including State Synar Program support services, through an enhanced technical assistance program involving conferences and workshops, development of training materials and guidance documents, and on-site technical assistance consultation.

How the Synar report can help States

The information gathered for the Synar report can help States describe and analyze sub-State needs for program enhancements. These data can also be used to report to the State legislature and other State and local organizations on progress made to date in enforcing youth tobacco access laws when aggregated statistical data from State Synar reports can demonstrate to the Secretary the national progress in reducing youth tobacco access problems. This information will also provide Congress with a better understanding of State progress in implementing Synar, including State difficulties and successes in enforcing retailer compliance with youth tobacco access laws.

¹The term State is used to refer to all the States and territories required to comply with Synar as part of the Substance Abuse Prevention and Treatment Block Grant Program requirements (42 U.S.C. 300x-64 and 45 C.F.R. 96.121).

Getting assistance in completing the Synar report

If you have questions about programmatic issues, you may call CSAP's Division of State Programs at (240) 276-2413 and ask for your respective State Project Officer, or contact your State Project Officer directly by telephone or e-mail using the directory provided in the FY 2010 Uniform Application, Appendix A. If you have questions about fiscal or grants management issues, you may call the Grants Management Officer, Office of Program Services, Division of Grants Management, at (240) 276-1422.

Where and when to submit the Synar report

The Annual Synar Report (ASR) must be received by SAMHSA no later than December 31, 2009. The ASR must be submitted in the **approved OMB report format**. Use of the approved format will avoid delays in the review and approval process. The chief executive officer (or an authorized designee) of the applicant organization must sign page 1 of the ASR certifying that the State has complied with all reporting requirements.

The State must upload one copy of the ASR using the online WebBGAS (Block Grant Application System). In addition, the following items must be uploaded to WebBGAS:

- FFY 2010 Synar Survey Results: States that use the Synar Survey Estimation System (SSES) must upload one copy of SSES Tables 1-5 (in Excel) to WebBGAS. States that do not use SSES must upload one copy of ASR Forms 1, 4 and 5, and Forms 2 and 3, if applicable, (in Excel) to WebBGAS.
- Synar Inspection Form: States must upload one blank copy of the inspection form used to record the result of each Synar inspection.
- Synar Inspection Protocol: States must upload a copy of the protocol used to train inspection teams on conducting and reporting the results of the Synar inspections.

Each State SSA Director has been e-mailed a login ID and password to log onto the Synar section of the WebBGAS site.

Additionally, the State must submit one signed original of the report (including the signed Funding Agreements/Certifications), as well as one additional copy of the signed Funding Agreements/Certifications, to the Grants Management Officer at the address below:

Ms. Barbara Orlando
Grants Management Officer
Office of Program Services
Division of Grants Management
Substance Abuse and Mental Health Services Administration

Regular Mail:


1 Choke Cherry Road, Rm.7-1091
Rockville, Maryland 20857

Overnight Mail:

1 Choke Cherry Road, Rm.7-1091
Rockville, Maryland 20850

FFY 2010: FUNDING AGREEMENTS/CERTIFICATIONS

The following form must be signed by the Chief Executive Officer or an authorized designee and submitted with this application. Documentation authorizing a designee must be attached to the application.

PUBLIC HEALTH SERVICES ACT AND SYNAR AMMENDMENT	
42 U.S.C. 300x-26 requires each State to submit an annual report of its progress in meeting the requirements of the Synar Amendment and its implementing regulation (45 C.F.R. 96.130) to the Secretary of the Department of Health and Human Services. By signing below, the chief executive officer (or an authorized designee) of the applicant organization certifies that the State has complied with these reporting requirements and the certifications as set forth below.	
SYNAR SURVEY SAMPLING METHODOLOGY	
The State certifies that the Synar survey sampling methodology on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2010 is up-to-date and approved by the Center for Substance Abuse Prevention.	
SYNAR SURVEY INSPECTION PROTOCOL	
The State certifies that the Synar Survey Inspection Protocol on file with the Center for Substance Abuse Prevention and submitted with the Annual Synar Report for FFY 2010 is up-to-date and approved by the Center for Substance Abuse Prevention.	
State: Mississippi	
Name of Chief Executive Officer or Designee: Edwin C. LeGrand III	
Signature of CEO or Designee: 	
Title: Executive Director, MS Department of Mental Health	Date Signed: 12/2/09
If signed by a designee, a copy of the designation must be attached.	

SECTION I: FFY 2009 (Compliance Progress)

YOUTH ACCESS LAWS, ACTIVITIES, AND ENFORCEMENT

42 U.S.C. 300x-26 requires the States to report information regarding the sale/distribution of tobacco products to individuals under age 18.

1. Please indicate any changes or additions to the State tobacco statute(s) relating to youth access since the last reporting year. If any changes were made to the State law(s) since the last reporting year, please attach a photocopy of the law to the hard copy of the ASR and also upload a copy of the State law to WebBGAS. (see 42 U.S.C. 300x-26).

- a. Has there been a change in the *minimum sale age* for tobacco products?

☐ Yes ☒ No

If Yes, current minimum age: ☐ 19 ☐ 20 ☐ 21

- b. Have there been any changes in State law that impact the State's *protocol for conducting Synar inspections*? ☐ Yes ☒ No

If Yes, indicate change. (Check all that apply.)

- ☐ Changed to require that law enforcement conduct inspections of tobacco outlets
☐ Changed to make it illegal for youth to possess, purchase or receive tobacco
☐ Changed to require ID to purchase tobacco
☐ Other change(s) (Please describe.) _____

- c. Have there been any changes in the law concerning *vending machines*?

☐ Yes ☒ No

If Yes, indicate change. (Check all that apply.)

- ☐ Total ban enacted
☐ Banned from location(s) accessible to youth
☐ Locking device or supervision required
☐ Other change(s) (Please describe.) _____

- d. Have there been any changes in State law that impact the following?

Licensing of tobacco vendors ☐ Yes ☒ No

Penalties for sales to minors ☐ Yes ☒ No

2. Describe how the Annual Synar Report (see 45 C.F.R. 96.130(e)) and the State Plan (see 42 U.S.C. 300x-51) were made public within the State prior to submission of the ASR. (Check all that apply.)

- ☐ Placed on file for public review
☐ Posted on a State agency Web site (Please provide exact Web address.)

www.dmh.state.ms.us

- ☐ Notice published in a newspaper or newsletter
- ☐ Public hearing
- ☐ Announced in a news release, a press conference, or discussed in a media interview
- ☐ Distributed for review as part of the SAPT Block Grant application process
- ☐ Distributed through the public library system
- ☐ Published in an annual register
- ☐ Other change(s) *(Please describe.)* _____

3. Identify the following agency or agencies *(see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130).*

a. The State agency(ies) designated by the Governor for oversight of the Synar requirements:

MS Department of Mental Health

Has this changed since last year's Annual Synar Report? ☐ Yes ☒ No

b. The State agency(ies) responsible for conducting random, unannounced Synar inspections:

Office of the Attorney General

Has this changed since last year's Annual Synar Report? ☐ Yes ☒ No

c. The State agency(ies) responsible for enforcing youth tobacco access law(s):

Office of the Attorney General

Has this changed since last year's Annual Synar Report? ☐ Yes ☒ No

4. Identify the State agency(ies) responsible for tobacco prevention activities.

MS Department of Mental Health, Office of the Attorney General, and the Mississippi Department of Health's Office of Tobacco Control

Has the responsible agency changed since last year's Annual Synar Report?

☐ Yes ☒ No

a. Describe the coordination and collaboration that occur between the agency responsible for tobacco prevention and the agency responsible for oversight of the Synar requirements. (Check all that apply.) The two agencies

☐ Are the same

☒ Have a formal written memorandum of agreement

☐ Have an informal partnership

☒ Conduct joint planning activities

☒ Combine resources

☐ Have other collaborative arrangement(s) *(Please describe.)* _____

5. Please answer the following questions regarding the State's activities to enforce the youth access to tobacco law(s) in FFY 2009 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130(e)).

a. Which one of the following describes the enforcement of youth access to tobacco laws carried out in your State? (Check one category only.)

- ☐ Enforcement is conducted exclusively by local law enforcement agencies.
- ☐ Enforcement is conducted exclusively by State agency(ies).
- ☒ Enforcement is conducted by both local and State agencies.

b. The following items concern penalties imposed for violations of youth access to tobacco laws by **LOCAL AND/OR STATE LAW ENFORCEMENT AGENCIES**. Please fill in the number requested. If State law does not allow for an item, please mark "NA" (not applicable). If a response for an item is unknown, please mark "UNK." The chart must be filled in completely.

PENALTY	OWNERS	CLERKS	TOTAL
Number of <u>citations issued</u>	unk	unk	287
Number of <u>fin es assessed</u>	unk	unk	254
Number of <u>permits/licenses suspended</u>	unk		unk
Number of <u>permits/licenses revoked</u>	unk		unk
Other (Please describe.)			

c. What additional activities are conducted in your State to support enforcement and compliance with State tobacco access law(s)? (Check all that apply.)

- ☒ Merchant education and/or training
- ☒ Incentives for merchants who are in compliance (e.g., reward and reminder)
- ☒ Community education regarding youth access laws
- ☐ Media use to publicize compliance inspection results
- ☐ Community mobilization to increase support for retailer compliance with youth access laws
- ☐ Other activities (Please list.) _____

Briefly describe all checked activities:

Merchant Education: Training for local retail employees at least quarterly by the Office of the Attorney General and the MSDH's Office of Tobacco Control. The Bureau of Alcohol and Drug Abuse revised the prevention RFP in FFY 2003 to include merchant education activities. This is the seventh year the programs were required to include merchant education at part of their duties. BADA continues to fund training for all providers to instruct them on providing appropriate merchant education. In FFY 2010, all programs must continue to complete 40 merchant education trainings within each of the 15 mental health regions thereby conducting a minimum of 600 individual trainings annually. Regions that contain more than one funded program will divide up the 40 educational activities to eliminate

duplication. MSDH's Office of Tobacco Control continues to reward stores with a SAFE CERTIFIED ID. This ID is placed in clear view for customers. It certifies the store.

Incentives for Merchants who are in compliance: To show appreciation and the help retailers reward clerks that pass inspections, the Good Guys Club certificates and posters were created. The certificates are given to clerks after an inspection, and posters are displayed in store windows.

Community Education regarding youth access laws: All grantees are encouraged to educate their community on youth access laws. The Office of Tobacco Control's Mississippi Tobacco-Free Coalition grantees continue to train teachers to teach integrated tobacco education programs. These programs discuss the youth access laws within their tobacco education programs.

- d. **Are citations or warnings issued to retailers or clerks who sell tobacco to minors for inspections that are part of the Synar survey?** ☐ Yes ☒ No

If "Yes" to 5d, please describe the State's procedure for minimizing risk of bias to the survey results from retailers alerting each other to the presence of the survey teams:

SYNAR SURVEY METHODS AND RESULTS

The following questions pertain to the survey methodology and results of the Synar survey used by the State to meet the requirements of the Synar Regulation in FFY 2009 (see 42 U.S.C. 300x-26 and 45 C.F.R. 96.130).

6. **Has the sampling methodology changed from the previous year?** ☐ Yes ☒ No

The State is required to have an approved up-to-date description of the Synar sampling methodology on file with CSAP. Please submit a copy of your Synar Survey Sampling Methodology (Appendix B). If the sampling methodology changed from the previous reporting year, these changes must be reflected in the methodology submitted.

7. **Please answer the following questions regarding the State's annual random, unannounced inspections of tobacco outlets (see 45 C.F.R. 96.130(d)(2)).**

- a. **Did the State use the optional Synar Survey Estimation System (SSES) to analyze the Synar survey data?** ☒ Yes ☐ No

If Yes, attach SSES summary tables 1, 2, 3, and 4 to the hard copy of the ASR and upload a copy of SSES tables 1-5 (in Excel) to WebBGAS. Then go to Question 8. If No, continue to Question 7b.

- b. **Report the weighted and unweighted Retailer Violation Rate (RVR) estimates, and the standard error.**

Unweighted RVR _____

Weighted RVR _____

Standard error (s.e.) of the (weighted) RVR _____

Fill in the blanks to calculate the right limit of the right-sided 95% confidence interval.

$$\text{RVR Estimate} + \frac{(1.645 \times \text{Standard Error})}{(1.645 \text{ times})} = \text{Right Limit}$$

c. **Fill out Form 1 in Appendix A (Forms).** *(Required regardless of the sample design.)*

d. **How were the (weighted) RVR estimate and its standard error obtained?**
(Check the one that applies.)

☐ Form 2 (Optional) in Appendix A (Forms) *(Attach completed Form 2.)*

☐ Other *(Please specify. Provide formulae and calculations or attach and explain the program code and output with description of all variable names.)*

e. **If stratification was used, did any strata in the sample contain only one outlet or cluster this year?** ☐ Yes ☐ No ☐ No stratification

If Yes, explain how this situation was dealt with in variance estimation.

f. **Was a cluster sample design used?** ☐ Yes ☐ No

If Yes, fill out and attach Form 3 in Appendix A (Forms 1–5), and answer the following question.

If No, go to Question 7g.

Were any certainty primary sampling units selected this year? ☐ Yes ☐ No

If Yes, explain how the certainty clusters were dealt with in variance estimation.

g. **Report the following outlet sample sizes for the Synar survey.**

	Sample Size
Effective sample size (sample size needed to meet the SAMHSA precision requirement assuming simple random sampling)	
Target sample size (the product of the effective sample size and the design effect)	
Original sample size (inflated sample size of the target sample to counter the sample attrition due to ineligibility and non-completion)	
Eligible sample size (number of outlets found to be eligible in the sample)	
Final sample size (number of eligible outlets in the sample for which an inspection was completed)	

h. Fill out Form 4 in Appendix A (Forms 1–5).

8. Did the State's Synar survey use a list frame? ☒ Yes ☐ No

If Yes, answer the following questions about its coverage.

a. The calendar year of the latest frame coverage study: 2007

b. Percent coverage from the latest frame coverage study: 92.2%

c. Was a new study conducted in this reporting period? ☐ Yes ☒ No

If Yes, please complete Appendix D (List Sampling Frame Coverage Study) and submit it with the Annual Synar Report.

d. The calendar year of the next coverage study planned: 2011

9. Has the Synar survey inspection protocol changed from the previous year?

☐ Yes ☒ No

The State is required to have an approved up-to-date description of the Synar inspection protocol on file with CSAP. Please submit a copy of your Synar Survey Inspection Protocol (Appendix C). If the inspection protocol changed from the previous year, these changes must be reflected in the protocol submitted.

a. Provide the inspection period: From 05/25/09 **To** 7/10/09
MM/DD/YY MM/DD/YY

b. Provide the number of youth inspectors used in the current inspection year:

16

NOTE: If the State uses SSES, please ensure that the number reported in 9b matches that reported in SSES Table 4, or explain any difference.

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c. Fill out and attach Form 5 in Appendix A (Forms 1–5). *(Not required if the State used the Synar Survey Estimation System (SSES) to analyze the Synar survey data.)*

SECTION II: FFY 2010 (Intended Use):

Public law 42 U.S.C. 300x-26 of the Public Health Service Act and 45 C.F.R. 96.130 (e) (4, 5) require that the States provide information on future plans to ensure compliance with the Synar requirements to reduce youth tobacco access.

1. In the upcoming year, does the State anticipate any changes in the:

Synar sampling methodology ☐ Yes ☒ No

Synar inspection protocol ☐ Yes ☒ No

If changes are made in either the Synar sampling methodology or the Synar inspection protocol, the State is required to obtain approval from CSAP prior to implementation of the change and file an updated Synar Survey Sampling Methodology (Appendix B) or an updated Synar Survey Inspection Protocol (Appendix C), as appropriate.

2. Please describe the State's plans to maintain and/or reduce the target rate for Synar inspections to be completed in FFY 2010. Include a brief description of plans for law enforcement efforts to enforce youth tobacco access laws, activities that support law enforcement efforts to enforce youth tobacco access laws, and any anticipated changes in youth tobacco access legislation or regulation in the State.

No sampling methodology changes are planned. No inspection protocol changes are planned and no legislative action or regulatory changes are planned. Merchant education will continue to be conducted by the Office of the Attorney General, the Department of Mental Health, and the Office of Tobacco Control.

The Office of the Attorney General, Alcohol and Tobacco Enforcement Division, in cooperation with Department of Mental Health as well as local and state law enforcement officers, continue to strive to reduce youth access to tobacco and alcohol products. In FFY 2010, the ten officers conducted 6,847 compliance checks, in addition to Synar. These officers work year round to make sure that both tobacco and alcohol products are not sold to minors.

In March 2007, Mississippi passed legislation to create the Mississippi Department of Health's Office of Tobacco Control. This new state-controlled commission will manage the tobacco prevention and cessation program and will be funded with \$20 million each year from the state tobacco settlement. The new entity replaced The Partnership for a Healthy Mississippi, a private non-profit organization that had previously run Mississippi's tobacco prevention and cessation program, but has lost almost all its funding due to a court decision. The Office of Attorney General is partially funded through the Tobacco Control.

The MS Tobacco Control Commission continues to follow the CDC guidelines for a comprehensive tobacco prevention and cessation program that included anti-tobacco advertising, a faith-based initiative, school and community programs, help for smokers who want to quit, and enforcement of laws against tobacco sales to minors.

3. Describe any challenges the State faces in complying with the Synar regulation. (Check

all that apply.)

- ☐ Limited resources for law enforcement of youth access laws
- ☐ Limited resources for activities to support enforcement and compliance with youth tobacco access laws
- ☐ Limitations in the State youth tobacco access laws
- ☐ Limited public support for enforcement of youth tobacco access laws
- ☐ Limitations on completeness/accuracy of list of tobacco outlets
- ☐ Limited expertise in survey methodology
- ☐ Laws/regulations limiting the use of minors in tobacco inspections
- ☐ Difficulties recruiting youth inspectors
- ☐ Geographic, demographic, and logistical considerations in conducting inspections
- ☐ Cultural factors (e.g., language barriers, young people purchasing for their elders)
- ☐ Issues regarding sources of tobacco under tribal jurisdiction
- ☐ Other challenges *(Please list.)* _____

Briefly describe all checked challenges and propose a plan for each, or indicate the State's need for TA related to each relevant challenge.

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Appendix A: Forms 1-4

SSES Table 1 (Synar Survey Estimates and Sample Sizes)

CSAP-SYNAR REPORT

State	Mississippi
Federal Fiscal Year (FFY)	2010
Date	7/28/2009 17:33
Data	Synar2009b.xls
Analysis Option	Stratified SRS without FPC

Estimates

Unweighted Retailer Violation Rate	3.8%
Weighted Retailer Violation Rate	3.8%
Standard Error	0.8%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 5.2%]
Two-sided 95% Confidence Interval	[2.2%, 5.4%]
Design Effect	1.2
Accuracy Rate (unweighted)	79.2%
Accuracy Rate (weighted)	79.1%
Completion Rate (unweighted)	98.0%

Sample Size for Current Year

Effective Sample Size	484
Target (Minimum) Sample Size	484
Original Sample Size	678
Eligible Sample Size	537
Final Sample Size	526
Overall Sampling Rate	15.2%

SSES Table 2 (Synar Survey Results by Stratum and by OTC/VM)

STATE: Mississippi
FFY: 2010

Samp. Stratum	Var. Stratum	Outlet Frame Size	Estimated Outlet Population Size	Number of PSU Clusters Created	Number of PSU Clusters in Sample	Outlet Sample Size	Number of Eligible Outlets in Sample	Number of Sample Outlets Inspected	Number of Sample Outlets in Violation	Retailer Violation Rate(%)	Standard Error(%)
All Outlets											
1	1	510	281	N/A	N/A	78	43	43	3	7.0%	
2	2	634	431	N/A	N/A	97	66	65	1	1.5%	
3	3	638	423	N/A	N/A	98	65	65	1	1.5%	
4	4	414	368	N/A	N/A	63	56	55	2	3.6%	
5	5	747	604	N/A	N/A	115	93	84	4	4.8%	
6	6	293	269	N/A	N/A	49	45	45	3	6.7%	
7	7	288	281	N/A	N/A	44	43	43	1	2.3%	
8	8	383	370	N/A	N/A	59	57	57	4	7.0%	
9	9	488	449	N/A	N/A	75	69	69	1	1.4%	
Total		4,395	3,476			678	537	526	20	3.8%	0.8%
Over the Counter Outlets											
1	1	510	281	N/A	N/A	78	43	43	3	7.0%	
2	2	634	431	N/A	N/A	97	66	65	1	1.5%	
3	3	638	423	N/A	N/A	98	65	65	1	1.5%	
4	4	414	368	N/A	N/A	63	56	55	2	3.6%	
5	5	747	604	N/A	N/A	115	93	84	4	4.8%	
6	6	293	269	N/A	N/A	49	45	45	3	6.7%	
7	7	288	281	N/A	N/A	44	43	43	1	2.3%	
8	8	383	370	N/A	N/A	59	57	57	4	7.0%	
9	9	488	449	N/A	N/A	75	69	69	1	1.4%	
Total		4,395	3,476			678	537	526	20	3.8%	0.8%
Vending Machines											
1	1	0	0	N/A	N/A	0	0	0	0	0.0%	
2	2	0	0	N/A	N/A	0	0	0	0	0.0%	
3	3	0	0	N/A	N/A	0	0	0	0	0.0%	
4	4	0	0	N/A	N/A	0	0	0	0	0.0%	
5	5	0	0	N/A	N/A	0	0	0	0	0.0%	
6	6	0	0	N/A	N/A	0	0	0	0	0.0%	
7	7	0	0	N/A	N/A	0	0	0	0	0.0%	
8	8	0	0	N/A	N/A	0	0	0	0	0.0%	
9	9	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		0	0			0	0	0	0	0.0%	0.0%

SSES Table 3 (Synar Survey Sample Tally Summary)STATE: Mississippi
FFY: 2010

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	526	
Total (Eligible Completes)			526
N1	In operation but closed at time of visit	2	
N2	Unsafe to access	8	
N3	Presence of police	0	
N4	Youth inspector knows salesperson	0	
N5	Moved to new location but not inspected	0	
N6	Drive thru only/youth inspector has no drivers license	0	
N7	Tobacco out of stock	0	
N8	Run out of time	0	
N9	Other noncompletion (see below)	1	
Total (Eligible Noncompletes)			11
I1	Out of Business	104	
I2	Does not sell tobacco products	17	
I3	Inaccessible by youth	2	
I4	Private club or private residence	6	
I5	Temporary closure	1	
I6	Unlocatable	8	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	3	
I10	Other ineligibility	0	
Total (Ineligibles)			141
Grand Total			678

Give reasons and counts for other noncompletion:

Reason	Count

SSES Table 4 (Synar Survey Inspection Results by Youth Inspector Characteristics)

STATE: Mississippi
FFY: 2010

Frequency Distribution

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	5	182	9
	17	1	31	3
	18	0	0	0
	Subtotal	6	213	12
Female	14	0	0	0
	15	5	191	4
	16	1	13	0
	17	4	109	4
	18	0	0	0
	Subtotal	10	313	8
Other		0	0	0
Grand Total		16	526	20

Buy Rate in Percent by Age and Gender

Age	Male	Female	Total
14	0.0%	0.0%	0.0%
15	0.0%	2.1%	2.1%
16	4.9%	0.0%	4.6%
17	9.7%	3.7%	5.0%
18	0.0%	0.0%	0.0%
Other			0.0%
Total	5.6%	2.6%	3.8%

APPENDICES B & C: FORMS

Instructions

Appendix B (Sampling Design) and Appendix C (Inspection Protocol) are to reflect the State's CSAP-approved sampling design and inspection protocol. These appendices, therefore, should generally describe the design and protocol and are not to be modified with year-specific information. Please note that any changes to either appendix must receive CSAP's advance written approval. To facilitate the State's completion of this section, simply "cut and paste" the previously approved sampling design (Appendix B) and inspection protocol (Appendix C).

APPENDIX B: SYNAR SURVEY SAMPLING METHODOLOGY

State: _____
FFY: 2010

1. What type of sampling frame is used?

- ☒ List frame (*Go to Question 2.*)
☐ Area frame (*Go to Question 3.*)
☐ List-assisted area frame (*Go to Question 2.*)

2. List all sources of the list frame. Indicate the type of source from the list below. Provide a brief description of the frame source. Explain how the lists are updated (method), including how new outlets are identified and added to the frame. In addition, explain how often the lists are updated (cycle). (*After completing this question, go to Question 4.*)

Use the corresponding number to indicate Type of Source in the table below.

- | | |
|---|--|
| 1 – Statewide commercial business list | 4 – Statewide retail license/permit list |
| 2 – Local commercial business list | 5 – Statewide liquor license/permit list |
| 3 – Statewide tobacco license/permit list | 6 – Other |

Name of Frame Source	Type of Source	Description	Updating Method and Cycle
MS State Tax Commission	3	Outlets are licensed with the MS State Tax Commission. The Office of the Attorney General enforcement officers continually updates the list. They are located in separate geographical areas throughout the state.	Data is updated on a continuous basis. The enforcement officers update any information on the outlets in their area. They send that information to the central office weekly and the list is updated at that time.

3. If an area frame is used, describe how area sampling units are defined and formed.

- a. Is any area left out in the formation of the area frame?** ☐ Yes ☐ No

If Yes, what percentage of the State's population is not covered by the area frame?
 _____%

4. Federal regulation requires that vending machines be inspected as part of the Synar survey. Are vending machines included in the Synar survey? ☐ Yes ☐ No

If No, please indicate the reason they are not included in the Synar survey.

- ☐ State law bans vending machines
☒ State law bans vending machines from locations accessible to youth

- ☐ State has SAMHSA approval to exempt vending machines from the survey
- ☐ Other *(Please describe.)* _____

5. Which category below best describes the sample design? (Check only one.)

- ☐ **Census** *(STOP HERE: Appendix B is complete.)*

Unstratified State-wide sample:

- ☐ Simple random sample *(Go to Question 9.)*
- ☐ Systematic random sample *(Go to Question 6.)*
- ☐ Single-stage cluster sample *(Go to Question 8.)*
- ☐ Multi-stage cluster sample *(Go to Question 8.)*

Stratified sample:

- ☒ Simple random sample *(Go to Question 7.)*
- ☐ Systematic random sample *(Go to Question 6.)*
- ☐ Single-stage cluster sample *(Go to Question 7.)*
- ☐ Multi-stage cluster sample *(Go to Question 7.)*
- ☐ **Other** *(Please describe and go to Question 9.)* _____

6. Describe the systematic sampling methods. (After completing Question 6, go to Question 7 if stratification is used. Otherwise go to Question 9.)

7. Provide the following information about stratification.

a. Provide a full description of the strata that are created.

The nine Public Health Districts of Mississippi State Department of Health are used as strata. Some counties will be moved to adjacent districts in order to balance the district by size.

b. Is clustering used within the stratified sample?

- ☐ **Yes** *(Go to Question 8.)*
- ☒ **No** *(Go to Question 9.)*

8. Provide the following information about clustering.

a. Provide a full description of how clusters are formed. (If multi-stage clusters are used, give definitions of clusters at each stage.)

b. Specify the sampling method (simple random, systematic, or probability proportional to size sampling) for each stage of sampling and describe how the method(s) is (are) implemented.

9. Provide the formulae for determining the effective, target, and original outlet sample sizes.

Ignoring the finite population correction and to meet the SAMHSA precision requirement with respect to the one-sided 95% confidence interval for an estimate of RVR, the effective sample size is determined by:

$$n_e = N p (1-p),$$

where N is the total number of outlets in the sampling frame and p is equal to 20%.

For the stratified simple random sampling with proportional allocation, the design effect can be assumed to be one, and therefore, the target sample size is the same as the effective sample size.

To obtain the original sample size, the target sample size is first adjusted for eligibility rate (r_i) and completion rate (r_c), and then further inflated by a safety margin of s to be conservative. Then the original sample size formula is given by:

$$n_o = (1+s) \frac{n_e}{r_i r_c} .,$$

Where conservatively we have chosen $s=0$, $r_i=0.8$, and $r_c=0.9$

Please note that the actual number of outlets sampled within each stratum is rounded up to the nearest whole integer, so that the final original sample size may be slightly higher than the calculated original sample size.

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APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL

State: _____
FFY: 2010 _____

Note: Upload to WebBGAS a copy of the Synar inspection form under the heading "Synar Inspection Form" and a copy of the protocol used to train inspection teams on conducting and reporting the results of the Synar inspections under the heading "Synar Inspection Protocol."

1. How does the State Synar survey protocol address the following?

a. Consummated buy attempts?

- ☒ Required ☐ Not Permitted
☐ Permitted under specified circumstances ☐ Not specified in protocol

b. Youth inspectors to carry ID?

- ☐ Required ☒ Not Permitted
☐ Permitted under specified circumstances ☐ Not specified in protocol

c. Adult inspectors to enter the outlet?

- ☐ Required ☐ Not Permitted
☒ Permitted under specified circumstances ☐ Not specified in protocol

d. Youth inspectors to be compensated?

- ☒ Required ☐ Not Permitted
☐ Permitted under specified circumstances ☐ Not specified in protocol

2. Identify the agency(ies) or entity(ies) that actually conduct the random, unannounced Synar inspections of tobacco outlets. (Check all that apply.)

- ☐ Law enforcement agency(ies)
☒ State or local government agency(ies) other than law enforcement
☐ Private contractor(s)
☐ Other

List the agency name(s): The MS Department of Mental Health, Bureau of Alcohol and Drug Abuse (DADA) has a contract with the Office of the Attorney General

3. Are Synar inspections combined with law enforcement efforts (i.e., do law enforcement issue warnings or citations to retailers found in violation of the law at the time of the inspection)?

- ☐ Always ☐ Usually ☐ Sometimes ☐ Rarely ☒ Never

4. Describe the methods used to recruit, select, and train youth inspectors and adult supervisors.

The Office of the Attorney General used The Mississippi Teens Against Tobacco Access Instructional Manual (Revised 1998) as a basis for their manual. It is called Tobacco Compliance and Enforcement Manual. Another tool used for training is the consummated version of TEENS TAKING ACTION! (A Guide to Conducting Tobacco Compliance Checks) video. Youth were recruited from the local community. Fliers were sent out recruiting youth and others were found through word-of-mouth. The youth are selected by choosing those who appear to be their actual age. Once recruited, the Attorney General's office conducted training on completion of forms following inspections and the importance of attempting to find all outlets on the list. In general, the training lasts one to two hours and is completed by the officers with individual youth. Most of the youth utilized for Synar are the same youth used year-round for the state checks. Therefore, they are already trained prior to participating in Synar inspections.

5. Are there specific legal or procedural requirements instituted by the State to address the issue of youth inspectors' immunity when conducting inspections?

a. Legal ☐ Yes ☒ No (If Yes, please describe.)

b. Procedural ☐ Yes ☒ No (If Yes, please describe.)

6. Are there specific legal or procedural requirements instituted by the State to address the issue of the safety of youth inspectors during all aspects of the Synar inspection process?

a. Legal ☐ Yes ☒ No (If Yes, please describe.)

b. Procedural ☐ Yes ☒ No (If Yes, please describe.)

7. Are there any other legal or procedural requirements the State has regarding how inspections are to be conducted (e.g., age of youth inspector, time of inspections, training that must occur)?

a. Legal ☐ Yes ☒ No (If Yes, please describe.)

b. Procedural ☐ Yes ☒ No (If Yes, please describe.)

APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: _____
FFY: 2010

1. Calendar year of the coverage study: _____

2. Percent coverage found: _____%

(Provide calculation of the percent coverage.)

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3. Provide a description of the coverage study methods and results.

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