

# ANNUAL SYNAR REPORT

42 U.S.C. 300x-26

**OMB № 0930-0222**

FFY 2015

State: **DE**

## Table of Contents

Introduction.....	i
FFY 2015: Funding Agreements/Certifications.....	1
Section I: FFY 2014 (Compliance Progress).....	2
Section II: FFY 2015 (Intended Use).....	10
Appendix A: Forms 1–5.....	11
Appendixes B & C: Forms.....	18
Appendix B: Synar Survey Sampling Methodology .....	19
Appendix C: Synar Survey Inspection Protocol .....	22
Appendix D: List Sampling Frame Coverage Study .....	25

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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 Substance Abuse Prevention and Treatment Block Grant (SABG) (45 C.F.R. 96.130 (e)).

### **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 2014 Compliance Progress) and future plans to ensure compliance with the Synar requirements to reduce youth tobacco access rates (FFY 2015 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 states<sup>1</sup> 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 onsite technical assistance consultation.

### **How the Synar report can help states**

The information gathered for the Synar report can help states describe and analyze substate 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.

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<sup>1</sup>The 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) 276-2550 and ask for your respective State Project Officer, or contact your State Project Officer directly by telephone or email. If you have questions about fiscal or grants management issues, you may call the Grants Management Officer, Office of Financial Resources, Division of Grants Management, at (240) 276-1422.

## **Where and when to submit the Synar report**

The ASR must be received by SAMHSA no later than December 31, 2014 and must be submitted in the format specified by these instructions. 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 one 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 2015 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 emailed 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:

Grants Management Officer  
Division of Grants Management  
Office of Financial Resources  
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 2015: 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.

<b>PUBLIC HEALTH SERVICES ACT AND SYNAR AMENDMENT</b>
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.
<b>SYNAR SURVEY SAMPLING METHODOLOGY</b>
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 2015 is up-to-date and approved by the Center for Substance Abuse Prevention.
<b>SYNAR SURVEY INSPECTION PROTOCOL</b>
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 2015 is up-to-date and approved by the Center for Substance Abuse Prevention.
<b>State: Delaware</b>
<b>Name of Chief Executive Officer or Designee: Henry Smith</b>
<b>Signature of CEO or Designee:</b>
<b>Title:</b> Deputy Director, Delaware Health & Social Services <b>Date Signed:</b> _____
<b>If signed by a designee, a copy of the designation must be attached.</b>

**SECTION I: FFY 2014 (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 state law that impact the following?**

Licensing of tobacco vendors  Yes  No

Penalties for sales to minors  Yes  No

Vending machines  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 and the date when the FFY 2015 ASR was posted to this Web address.)*

<http://dhss.delaware.gov/dsamh/> ; December 2014

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 SABG application process

Distributed through the public library system

Published in an annual register

Other (Please describe.) Notice published in newspaper: Delaware News Journal & Delaware State News

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**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:**

Delaware Health and Social Services (DHSS) / Division of Substance Abuse and Mental Health (DSAMH)

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Has this changed since last year's Annual Synar Report?

Yes  No

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

Department of Safety and Homeland Security (DSHS) / Division of Alcohol & Tobacco Enforcement (DATE)

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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):**

Department of Safety and Homeland Security (DSHS) / Division of Alcohol & Tobacco Enforcement (DATE)

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Has this changed since last year's Annual Synar Report?

Yes  No

**4. Identify the following agencies and describe their relationship with the agency responsible for the oversight of the Synar requirements.**

- a. Identify the state agency responsible for tobacco prevention activities (the agency that receives the Centers for Disease Control and Prevention's National Tobacco Control Program funding).**

Delaware Health and Social Services (DHSS) / Division of Public Health (DPH)

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- b. Has the responsible agency changed since last year's Annual Synar Report?**

Yes  No

- c. 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.)* \_\_\_\_\_

**d. Identify the state agency responsible for enforcing the youth access and advertising restrictions in the Family Smoking Prevention and Tobacco Control Act (the agency that is under contract to the Food and Drug Administration's Center for Tobacco Products (FDA/CTP)).**  
Department of Safety and Homeland Security (DSHS) / Division of Alcohol & Tobacco Enforcement (DATE)

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**e. Has the responsible agency changed since last year's Annual Synar Report?**  
 Yes  No

**f. Describe the coordination and collaboration that occur between the agency contracted with the FDA to enforce federal youth tobacco access laws 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.)* DATE has a 3 year contract with the FDA inspection and compliance testing.

**g. Does the state use data from the FDA enforcement inspections for Synar survey reporting?**  
 Yes  No

**5. Please answer the following questions regarding the state's activities to enforce the state's youth access to tobacco law(s) in FFY 2014 (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 state 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 all violations of state youth access to tobacco laws by LOCAL AND/OR STATE LAW ENFORCEMENT AGENCIES (this does not include enforcement of federal youth tobacco access laws). 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>	5	82	87
Number of <u>finances assessed</u>	\$1,086	\$11,004	\$12,090
Number of <u>permits/licenses suspended</u>			
Number of <u>permits/licenses revoked</u>			
Other ( <i>Please describe.</i> ) <i>Items listed in this section are people who have been charged but have not gone to court yet.</i>	8	38	46

- c. Which one of the following best describes the level of enforcement of state youth access to tobacco laws carried out in your state? (Check one category only.)

- Enforcement is conducted only at those outlets randomly selected for the Synar survey.
- Enforcement is conducted only at a subset of outlets not randomly selected for the Synar survey.
- Enforcement is conducted at a combination of outlets randomly selected for the Synar survey and outlets not randomly selected for the Synar survey.

- d. Did every tobacco outlet in the state receive at least one compliance check that included enforcement of the state youth tobacco access law(s) in the last year?

Yes  No

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

- Merchant education and/or training
- Incentives for merchants who are in compliance (e.g., nonenforcement compliance checks in which compliant retailers are given positive reinforcement and noncompliant retailers are warned about youth access laws)
- 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 Activities: Delaware continues to support enforcement and compliance efforts through an on-going merchant education process. State-specific

merchant education packages are regularly distributed to each of Delaware's licensed tobacco retailers. The packages include copies of the State law, state mandated stickers, tips to prevent sale of tobacco to youth, sample merchant policy and sample employee training materials, sample employee acknowledgement forms and letters from State Officials. The information also includes the compliance data from the previous year showing the number of clerks and owners cited. Materials that are disseminated are available in 6 languages: Arabic, Hindi, Mandarin Chinese, Korean, Spanish and English.

From a list provided by Division of Revenue (DOR) to DATE, agents hand deliver the merchant education packet to the owner or manager of each business licensed by DOR. The personal visit is also provided to every new merchant purchasing a license during the year. On a quarterly basis, DOR provides a list of new licenses to DATE. A direct line of communication between the two divisions ensures all merchants are educated on the law and the consequences. During the visit, the enforcement agent reviews all the material in the packet, discusses the laws in detail, and answers any questions on legal issues or youth access to tobacco sales prevention that arise. The store owner or manager signs a release that he or she received the packet and the training. The store owner or manager trains store employees, as required by statute. The acknowledgement signed by the owner/manager is maintained at DATE's headquarters. Information regarding the merchant education program is entered onsite into the DATE online system. DATE performs a follow up visit to any business found noncompliant with Division of Revenue licensing requirements on the first visit.

DATE has also designed and distributed educational posters for retailers. These posters were created to familiarize retailers with government issued identification in Delaware.

Incentives for Merchants: DATE continues to support and experiment with various merchant incentive programs. The clerk that participates in, and successfully passes, the compliance check is congratulated with a recognition card and keychain that says "I PASSED" at the time of the compliance inspection. DATE sent congratulatory letters to all retailers that were in compliance in 2014.

Community Education Activities: The main method to educate the community is provided by the Department of Public Health (DPH) tobacco control prevention program. DPH provides education about Synar regulations and describe how community members can remain in compliance with those regulations on their website. DATE maintains Synar information on their website as well to make it readily accessible to parents, public, and merchants. In addition, DATE conducts community education activities during their recruitment efforts and outreach to organizations that serve youth and their families

Media use to publicize compliance inspection results: The main methods used to publicize compliance inspection results is through the state websites. After the compliance season has concluded, DATE posts the results on the agency website, [http://date.delaware.gov/ATE/tobacco\\_statistics.shtml](http://date.delaware.gov/ATE/tobacco_statistics.shtml). In addition, DSAMH uploads the Annual Synar Report, inclusive of the compliance inspection results, on the agency website for public review and comment, <http://dhss.delaware.gov/dsamh/>

**f. 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 5f, 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:*

A citation can be issued after the criminal act, as defined by state laws, as a consummated purchase. A citation is issued only after the clerk sells the tobacco product(s) to the cooperating under age witness and accepts money in exchange for the tobacco product(s) from the underage witness. The DATE agent who is present and witnesses the consummated purchase during the inspection issues the citation to the clerk or store manager that engaged in the purchase.

Some ways that DATE attempts to reduce this bias is to conduct these inspections in as random an approach as possible. The ability to move in a less predictable manner will vary by the size of the zip code area boundaries encompassing the inspection team.

## 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 2014 (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, the standard error, accuracy rate (number of eligible outlets divided by the total number of sampled outlets), and completion rate (number of eligible outlets inspected divided by the total number of eligible outlets).**

**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.**

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

**Accuracy rate** \_\_\_\_\_

**Completion rate** \_\_\_\_\_

c. **Fill out Form 1 in Appendix A (Forms 1–5).** (*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 1–5) (*Attach completed Form 2.*)  
 Other (*Please specify. Provide formulas 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
<b>Effective sample size</b> (sample size needed to meet the SAMHSA precision requirement assuming simple random sampling)	
<b>Target sample size</b> (the product of the effective sample size and the design effect)	
<b>Original sample size</b> (inflated sample size of the target sample to counter the sample attrition due to ineligibility and noncompletion)	
<b>Eligible sample size</b> (number of outlets found to be eligible in the sample)	
<b>Final sample size</b> (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:** Not applicable; the State of Delaware received a waiver from SAMHSA from completing the coverage study. The State of Delaware completes compliance checks on all tobacco retail outlets in the state, regardless of Synar status.

b. **Percent coverage from the latest frame coverage study:** Not applicable. The State of Delaware completes compliance checks on all tobacco retail outlets in the state, regardless of Synar status.

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:** Not applicable; the State of Delaware received a waiver from SAMHSA from completing the coverage study. The State of Delaware completes compliance checks on all tobacco retail outlets in the state, regardless of Synar status.

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 01/01/2014 to 09/30/2014  
MM/DD/YY MM/DD/YY

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

22

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.

There were 22 youth inspectors used for the current inspection year; There were 16 Males and 6 Females.

To maintain the integrity and anonymity of the Synar sites and ensure officers enforced the standard protocol for all tobacco inspections, the police officers and youth inspectors are not made aware of which tobacco outlets are, or are not Synar sites. The state continues their efforts to ensure age and gender balance are obtained in the State's enforcement inspections overall which may improve age and gender balance in the subset of inspections included in the Synar sample.

As a result of the site anonymity, only 21 of the youth inspectors completed Synar locations compliance checks, 15 Male and 6 Female (as indicated in SSES Table 4).

- b. **Fill out and attach Form 5 in Appendix A (Forms 1–5).** (Not required if the state used SSES to analyze the Synar survey data.)*

## SECTION II: FFY 2015 (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:

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 2015. 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.

Despite successes, Delaware is continuing to refine and improve Synar practices. Incentives were only given to retailers who passed the SYNAR inspection on the initial inspection. DATE continues to request different types of tobacco products every 4th or 5th mission which reduces the chances that a retailer can predict the type of product that will be requested during an inspection.

In an effort to maintain retailer awareness on the requirement to ask for identification DATE will continue to include the educational posters designed to familiarize employees with Delaware's state issued identification. This poster is now included in the educational packets that the Agents annually hand deliver to all tobacco retailers. During this educational visit, Agents review the information contained in the packets and answer any questions the retailers may have.

In 2014 DATE continued their partnership with Rserve.com to provide additional on-line training to all licensed retailers and their employee's at no cost to them. This course covers DE State Law, FDA Regulations, how to check/read ID's, recognize fake ID's and offers practical scenarios to learn how to refuse a sale. Retailer participation was low, the feedback from the retailers who have utilized it has been very positive. In 2015, DATE plans to again provide the on-line training at no cost to the retailers and continue to include the flyer about the free on-line training in all 2015 Retailer Educational Packets. Agents will encourage retailers to utilize the free training program during their visit.

### 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
- Issues regarding the age balance of youth inspectors
- Issues regarding the gender balance of 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 technical assistance related to each relevant challenge.*

The State of Delaware has not found any problems or challenges meeting program goals and objectives or complying with Synar regulations. In the future, if challenges are identified, the State of Delaware will request technical assistance from SAMHSA / CSAP.

## APPENDIX A: FORMS 1–5

### FORM 1 (Required for all states not using the Synar Survey Estimation System (SSES) to analyze the Synar Survey data)

Complete Form 1 to report sampling frame and sample information and to calculate the unweighted retailer violation rate (RVR) using results from the current year’s Synar survey inspections.

**Instructions for Completing Form 1:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2015). Provide the remaining information by stratum if stratification was used. Make copies of the form if additional rows are needed to list all the strata.

Column 1: *If stratification was used:*

1(a) Sequentially number each row.

1(b) Write in the name of each stratum. All strata in the state must be listed.

*If no stratification was used:*

1(a) Leave blank.

1(b) Write “state” in the first row (indicates that the whole state is a single stratum).

*Note for unstratified samples: For Columns 2–5, wherever the instruction refers to “each stratum,” report the specified information for the state as a whole.*

Column 2: 2(a) Report the number of over-the-counter (OTC) outlets in the sampling frame in each stratum.

2(b) Report the number of vending machine (VM) outlets in the sampling frame in each stratum.

2(c) Report the combined total of OTC and VM outlets in the sampling frame in each stratum.

Column 3: 3(a) Report the estimated number of eligible OTC outlets in the OTC outlet population in each stratum.

3(b) Report the estimated number of eligible VM outlets in the VM outlet population in each stratum.

3(c) Report the combined total estimated number of eligible OTC and VM outlets in the total outlet population in each stratum.

*The estimates for Column 3 can be obtained from the Synar survey sample as the weighted sum of eligible outlets by outlet type.*

Column 4: 4(a) Report the number of eligible OTC outlets for which an inspection was completed, for each stratum.

4(b) Report the numbers of eligible VM outlets for which an inspection was completed, for each stratum.

4(c) Report the combined total of eligible OTC and VM outlets for which an inspection was completed, for each stratum.

Column 5: 5(a) Report the number of OTC outlets found in violation of the law as a result of completed inspections, for each stratum.

5(b) Report the number of VM outlets found in violation of the law as a result of completed inspections, for each stratum.

5(c) Report the combined total of OTC and VM outlets found in violation of the law as a result of completed inspections, for each stratum.

Totals: For each subcolumn (a–c) in Columns 2–5, provide totals for the state as a whole in the last row of the table. These numbers will be the sum of the numbers in each row for the respective column.

**FORM 1 (Required for all states not using the Synar Survey Estimation System [SSES] to analyze the Synar Survey data.)**

Summary of Synar Inspection Results by Stratum													
											State: _____		
											FFY: <u>2015</u>		
(1)		(2)			(3)			(4)			(5)		
STRATUM		NUMBER OF OUTLETS IN SAMPLING FRAME			ESTIMATED NUMBER OF ELIGIBLE OUTLETS IN POPULATION			NUMBER OF OUTLETS INSPECTED			NO. OF OUTLETS FOUND IN VIOLATION DURING INSPECTIONS		
(a) Row #	(b) Stratum Name	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (2a+2b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (3a+3b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (4a+4b)	(a) Over-the-Counter (OTC)	(b) Vending Machines (VM)	(c) Total Outlets (5a+5b)

**RECORD COLUMN TOTALS ON LAST LINE (LAST PAGE ONLY IF MULTIPLE PAGES ARE NEEDED).**

## **FORM 2 (Optional)**

### **Appropriate for stratified simple or systematic random sampling designs.**

Complete Form 2 to calculate the weighted RVR. This table (in Excel form) is designed to calculate the weighted RVR for stratified simple or systematic random sampling designs, accounting for ineligible outlets and noncomplete inspections encountered during the annual Synar survey.

**Instructions for Completing Form 2:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2015).

- Column 1: Write in the name of each stratum into which the sample was divided. These should match the strata reported in Column 1(b) of Form 1.
- Column 2: Report the number of outlets in the sampling frame in each stratum. These numbers should match the numbers reported for the respective strata in Column 2(c) of Form 1.
- Column 3: Report the original sample size (the number of outlets originally selected, *including* substitutes or replacements) for each stratum.
- Column 4: Report the number of sample outlets in each stratum that were found to be eligible during the inspections. Note that this number must be less than or equal to the number reported in Column 3 for the respective strata.
- Column 5: Report the number of eligible outlets in each stratum for which an inspection was completed. Note that this number must be less than or equal to the number reported in Column 4. These numbers should match the numbers reported in Column 4(c) of Form 1 for the respective strata.
- Column 6: Report the number of eligible outlets inspected in each stratum that were found in violation. These numbers should match the numbers reported in Column 5(c) of Form 1 for the stratum.
- Column 7: Form 2 (in Excel form) will automatically calculate the stratum RVR for each stratum in this column. This is calculated by dividing the number of inspected eligible outlets found in violation (Column 6) by the number of inspected eligible outlets (Column 5). The state unweighted RVR will be shown in the Total row of Column 7.
- Column 8: Form 2 (in Excel form) will automatically calculate the estimated number of eligible outlets in the population for each stratum. This calculation is made by multiplying the number of outlets in the sampling frame (Column 2) times the number of eligible outlets (Column 4) divided by the original sample size (Column 3). Note that these numbers will be less than or equal to the numbers in Column 2.
- Column 9: Form 2 (in Excel form) will automatically calculate the relative stratum weight by dividing the estimated number of eligible outlets in the population for each stratum in Column 8 by the Total of the values in Column 8.
- Column 10: Form 2 (in Excel form) will automatically calculate each stratum's contribution to the state weighted RVR by multiplying the stratum RVR (Column 7) by the relative stratum weight (Column 9). The weighted RVR for the state will be shown in the Total row of Column 10.
- Column 11: Form 2 (in Excel form) automatically calculates the standard error of each stratum's RVR (Column 7). The standard error for the state weighted RVR will be shown in the Total row of Column 11.
- TOTAL:** For Columns 2–6, Form 2 (in Excel form) provides totals for the state as a whole in the last row of the table. For Columns 7–11, it calculates the respective statistic for the state as a whole.

**FORM 2 (Optional) Appropriate for stratified simple or systematic random sampling designs.**

Calculation of Weighted Retailer Violation Rate										
										State: _____
										FFY: 2015
(1) Stratum Name	(2) N Number of Outlets in Sampling Frame	(3) n Original Sample Size	(4) n1 Number of Sample Outlets Found Eligible	(5) n2 Number of Outlets Inspected	(6) x Number of Outlets Found in Violation	(7) p=x/n2 Stratum Retailer Violation Rate	(8) N'=N(n1/n) Estimated Number of Eligible Outlets in Population	(9) w=N'/Total Column 8 Relative Stratum Weight	(10) pw Stratum Contribution to State Weighted RVR	(11) s.e. Standard Error of Stratum RVR
<b>Total</b>										

- N - number of outlets in sampling frame
- n - original sample size (number of outlets in the original sample)
- n1 - number of sample outlets that were found to be eligible
- n2 - number of eligible outlets that were inspected
- x - number of inspected outlets that were found in violation
- p - stratum retailer violation rate (p=x/n2)
- N' - estimated number of eligible outlets in population (N'=N\*n1/n)
- w - relative stratum weight (w=N'/Total Column 8)
- pw - stratum contribution to the weighted RVR
- s.e. - standard error of the stratum RVR

**FORM 3 (Required when a cluster design is used for all states not using the Synar Survey Estimation System [SSES] to analyze the Synar survey data.)**

Complete Form 3 to report information about primary sampling units when a cluster design was used for the Synar survey.

**Instructions for Completing Form 3:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2015).

Provide information by stratum if stratification was used. Make copies of the form if additional rows are needed to list all the strata.

Column 1:       Sequentially number each row.

Column 2:       *If stratification was used:* Write in the name of stratum. All strata in the state must be listed.

*If no stratification was used:* Write “state” in the first row to indicate that the whole state constitutes a single stratum.

Column 3:       Report the number of primary sampling units (PSUs) (i.e., first-stage clusters) created for each stratum.

Column 4:       Report the number of PSUs selected in the original sample for each stratum.

Column 5:       Report the number of PSUs in the final sample for each stratum.

TOTALS:         For Columns 3–5, provide totals for the state as a whole in the last row of the table.

<b>Summary of Clusters Created and Sampled</b>				
				<b>State:</b> _____
				<b>FFY:</b> 2015 _____
(1) Row #	(2) Stratum Name	(3) Number of PSUs Created	(4) Number of PSUs Selected	(5) Number of PSUs in the Final Sample
<b>Total</b>				

**FORM 4 (Required for all states not using the Synar Survey Estimation System [SSES] to analyze the Synar Survey data)**

Complete Form 4 to provide detailed tallies of ineligible sample outlets by reasons for ineligibility and detailed tallies of eligible sample outlets with noncomplete inspections by reasons for noncompletion.

**Instructions for Completing Form 4:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2015).

Column 1(a): Enter the number of sample outlets found ineligible for inspection by reason for ineligibility. Provide the total number of ineligible outlets in the row marked "Total."

Column 2(a): Enter the number of eligible sample outlets with noncomplete inspections by reason for noncompletion. Provide the total number of eligible outlets with noncomplete inspections in the row marked "Total."

<b>Inspection Tallies by Reason of Ineligibility or Noncompletion</b>			
		<b>State:</b> _____	
		<b>FFY:</b> 2015	
<b>(1) INELIGIBLE</b>		<b>(2) ELIGIBLE</b>	
<b>Reason for Ineligibility</b>	<b>(a) Counts</b>	<b>Reason for Noncompletion</b>	<b>(a) Counts</b>
Out of business		In operation but closed at time of visit	
Does not sell tobacco products		Unsafe to access	
Inaccessible by youth		Presence of police	
Private club or private residence		Youth inspector knows salesperson	
Temporary closure		Moved to new location	
Unlocatable		Drive-thru only/youth inspector has no driver's license	
Wholesale only/Carton sale only		Tobacco out of stock	
Vending machine broken		Ran out of time	
Duplicate		Other noncompletion reason(s) ( <i>Describe.</i> )	
Other ineligibility reason(s) ( <i>Describe.</i> )			
<b>Total</b>		<b>Total</b>	

**FORM 5 (Required for all states not using the Synar Survey Estimation System [SSES] to analyze the Synar survey data)**

Complete Form 5 to show the distribution of outlet inspection results by age and gender of the youth inspectors.

**Instructions for Completing Form 5:** In the top right-hand corner of the form, provide the state name and reporting federal fiscal year (FFY 2015).

Column 1: Enter the number of attempted buys by youth inspector age and gender.

Column 2: Enter the number of successful buys by youth inspector age and gender.

If the inspectors are age eligible but the gender of the inspector is unknown, include those inspections in the “Other” row. Calculate subtotals for males and females in rows marked “Male Subtotal” and “Female Subtotal.” Sum subtotals for Male, Female, and Other and record in the bottom row marked “Total.” Verify that the total of attempted buys and successful buys equals the total for Column 4(c) and Column 5(c), respectively, on Form 1. If the totals do not match, please explain any discrepancies.

<b>Synar Survey Inspector Characteristics</b>		
		<b>State:</b> _____
		<b>FFY:</b> 2015
	(1) Attempted Buys	(2) Successful Buys
<b>Male</b>		
15 years		
16 years		
17 years		
18 years		
<b>Male Subtotal</b>		
<b>Female</b>		
15 years		
16 years		
17 years		
18 years		
<b>Female Subtotal</b>		
<b>Other</b>		
<b>Total</b>		



## **APPENDIXES 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 appendixes, therefore, should generally describe the design and protocol and, with the exception of Question #10 of Appendix B, 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: Delaware  
 FFY: 2015

**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
Department of Finance/Division of Revenue	3	The list contains retail tobacco licenses	The list is updated quarterly by the Department of Finance/Division of Revenue. The accuracy of the sampling data is checked by: (1) tobacco enforcement officers during regular Synar or State checks; (2) tobacco enforcement officers during routine checks for other businesses, (3) Any updates by Division of Alcohol and Tobacco Enforcement are forwarded to the Division of Revenue for the annual update.

**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(s) they are not included in the Synar survey. Please check all that apply.*

- State law bans vending machines.
- State law bans vending machines from locations accessible to youth.
- State has a contract with the FDA and is actively enforcing the vending machine requirements of the Family Smoking Prevention and Tobacco Control Act.
- Other (Please describe.) \_\_\_\_\_

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

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

**Unstratified statewide sample:**

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

**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 multistage 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 following information about determining the Synar Sample.**

- a. **Was the Synar Survey Estimation System (SSES) used to calculate the sample size?**

**Yes** *(Respond to part b.)*

**No** *(Respond to part c and Question 10c.)*

- b. **SSES Sample Size Calculator used?**

**State Level** *(Respond to Question 10a.)*

**Stratum Level** *(Respond to Question 10a and 10b.)*

- c. **Provide the formulas for determining the effective, target, and original outlet sample sizes.**

**10. Provide the following information about sample size calculations for the current FFY Synar survey.**

- a. **If the state uses the sample size formulas embedded in the SSES Sample Size Calculator to calculate the state level sample size, please provide the following information:**

**Inputs for Effective Sample Size:**

RVR: 2.9%

Frame Size: 1231

**Input for Target Sample Size:**

Design Effect: 1

**Inputs for Original Sample Size:**

Safety Margin: 20

Accuracy (Eligibility) Rate: 92.5%

Completion Rate: 99.6%

- b. If the state uses the sample size formulas embedded in the SSES Sample Size Calculator to calculate the stratum level sample sizes, please provide the stratum level information:**

- c. If the state does not use the sample size formulas embedded in the SSES Sample Size Calculator, please provide all inputs required to calculate the effective, target, and original sample sizes as indicated in Question 9.**

## APPENDIX C: SYNAR SURVEY INSPECTION PROTOCOL

State: Delaware

FFY: 2015

*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
- Permitted under specified circumstances (Describe: \_\_\_\_\_ )
- Not permitted

#### b. Youth inspectors to carry ID?

- Required
- Permitted under specified circumstances (Describe: \_\_\_\_\_ )
- Not permitted

#### c. Adult inspectors to enter the outlet?

- Required
- Permitted under specified circumstances (Describe: \_\_\_\_\_ )
- Not permitted

#### d. Youth inspectors to be compensated?

- Required
- Permitted under specified circumstances (Describe: In Delaware, all youth inspectors are paid an hourly wage. Due to a late Department of Labor decision that 15 year olds could not conduct compliance testing for pay, in 2013 DATE allowed 15 year olds who were accepted into the program to conduct compliance testing as volunteers.)
- Not permitted

### 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): **Department of Safety and Homeland Security (DSHS) /  
Division of Alcohol and Tobacco Enforcement (DATE)**

---

3. Are Synar inspections combined with law enforcement efforts (i.e., do law enforcement representatives 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 type of tobacco products that are requested during Synar inspections.

- a. What type of tobacco products are requested during the inspection?

Cigarettes  
 Small Cigars/Cigarillos  
 Smokeless Tobacco  
 Other E-Cigarettes

- b. Describe the protocol for identifying what types of products and what brands of products are requested during an inspection.

Agents tell the youth inspectors what type and brand of product to request during an inspection. Agents base this decision on a variety of information obtained in the field and the type of store they are testing. Typically they have youth inspectors request items that are appealing to a youthful smoker and/or are known to be popular in the area where the compliance test is conducted. Agents have the youth inspectors request cigars, cigarillos, smokeless tobacco and e-cigarettes during 20% of their compliance tests.

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

The Division of Alcohol & Tobacco Enforcement has adopted an official training program for the Cooperating Underage Witness program. This training program must be attended by Agents when first hired and on an annual basis and all CUW's must attend this free training in order for them to be considered active and thereby available for use.

Training Outline for new agents:

The Tobacco Coordinator (with assistance from an Agent III) will conduct the training.

- The training will begin with an overview of the Division's involvement in the State of Delaware's efforts to reduce youth access to tobacco products.
- The Policy Directive will be used as the course material and the information contained will be the trainer's guide.
- The trainer will ensure that they have completely discussed this directive with the agent being trained and that they understand its content and intent
- Additionally the trainer will discuss the following:

- Results of Past Investigations.
- Enforcement Strategies.
- The proper conduct when dealing with retailers.
- Conducting the Check
- Conducting Follow-up Checks
- Compliance Check Forms
- Evidence Handling
- Enforcement Actions
- The Role of the Minor
- The training must end with a Question & Answer Session.

Training Outline for annual agent training:

The Tobacco Coordinator (with assistance from an Agent III) will conduct the training.

- The training will begin with an overview of the Division's involvement in the State of Delaware's efforts to reduce youth access to tobacco products.
- The Policy Directive will be used as the course material and the information contained will be the trainer's guide.
- The trainer will ensure that they have completely discussed the directive with the agents being trained and that they understand its content and intent
- Additionally the trainer will discuss the following:
  - Results of Past Investigations.
  - The proper conduct when dealing with retailers.
  - Conducting the Check
  - Conducting Follow-up Checks
  - Compliance Check Forms
  - The Role of the Minor
  - The training must end with a Question & Answer Session.

Outline for Cooperating Underage Witnesses:

- The Tobacco Coordinator will conduct the training.
- The Training will begin with an overview of the Division's involvement in the State of Delaware's efforts to reduce youth access to tobacco products and includes subjects such as the following:
  - oThe importance and role of the CUW.



- oThe proper conduct when making a purchase.
- oHow the check will be conducted.
- oWhat type of tobacco products they are to attempt to purchase
- oWhat to do if they are out of what the CUW asks for.
- oWhat to do if they do not feel safe.
- oHow to fill out their forms and paperwork.
- oA discussion of the Division’s pay and meal policies for CUW’s

**6. 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.)*

Delaware State Law grants immunity to youth inspectors.

**b. Procedural**

Yes  No

*(If Yes, please describe.)*

Delaware State Law grants immunity to youth inspectors.

**7. 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.)*

1. The safety and welfare of the CUW will be of utmost importance to all agency personnel participating in this program. CUW’s will not be exposed to any unusual, unnecessary, or unreasonable risk of harm or personal injury.
2. CUW’s shall be closely supervised at all times and the Agent in charge of the

operation must be on-site at all times.

3. CUW's are not permitted under any circumstance to carry, possess, conceal or use any weapon.
4. CUW's will not wear, exhibit, or carry any DATE or law enforcement identification at any time, and will not falsely represent themselves as members of a law enforcement unit while participating as CUW's.
5. The Agent shall insure that the parents of the CUW are aware of the times and locations that the CUW is to be picked up and dropped off.
6. No CUW shall be picked up or dropped off at a location or a time that the CUW's parent/guardian has not personally given the Agent their approval of.
7. At no time when a CUW is in the vehicle shall an Agent take any type of police action unless the Agent is convinced that the CUW will not be put at risk and that the action is being taken as the only means of preventing the CUW, Agent or some other person from injury or death.

**8. 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.)*

Informational packets are provided to each prospective Cooperating Underage Witness. The forms contained in this packet must be completed and signed by the appropriate persons. They must then be returned to the Tobacco Coordinator. The list of CUW's who have fulfilled all the requirements will then be presented to the Director or his/her designee for approval. The perspective CUW may not be utilized until approval of the Director or his/her designee has been granted and the CUW has completed all of their paperwork, passed a pre-employment background investigation, and completed the training program.

**TOBACCO CUW AGE REQUIREMENTS:**

- All tobacco CUW's shall be sixteen (16) to seventeen (17) years of age.
- A person younger than sixteen (16) years of age, or a person who has reached their eighteenth (18th) birthday may not participate in the Tobacco CUW program.

- All tobacco CUW's must appear by a reasonable person's standard to be under eighteen (18) years of age.

Minors 16-17 years of age:

- May not work more than twelve (12) hours in a combination of school hours and work hours per day.
- May not work more than twelve (12) hours in a combination of school and work hours per day.
- Must have at least eight (8) consecutive hours of non-work, non-school time in each 24-hour period.
- May not work more than five (5) hours continuously without a non-work period of at least 30 consecutive minutes.

The Division has adopted an official training program for Cooperating Underage Witnesses. This training program must be attended by all CUW's in order for them to be considered active and thereby available for use. No tobacco CUW will be permitted to participate in the tobacco program unless they have first completed the mandatory Tobacco CUW Training Program.

## APPENDIX D: LIST SAMPLING FRAME COVERAGE STUDY

(LIST FRAME ONLY)

State: Delaware

FFY: 2015

1. **Calendar year of the coverage study:** Not applicable; the State of Delaware received a waiver from SAMHSA from completing the coverage study. The State of Delaware completes compliance checks on all tobacco retail outlets in the state, regardless of Synar status.
  
2.
  - a. **Unweighted percent coverage found:** N/A%
  - b. **Weighted percent coverage found:** N/A%
  - c. **Number of outlets found through canvassing:** N/A
  - d. **Number of outlets matched on the list frame:** N/A
  
3.
  - a. **Describe how areas were defined.** (e.g., census tracts, counties, etc.)

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware. The State of Delaware completes compliance checks on all tobacco retail outlets in the state, regardless of Synar status.
---

- b. **Were any areas of the state excluded from sampling?**

Yes  No

*If Yes, please explain.*

--

4. **Please answer the following questions about the selection of canvassing areas.**
  - a. **Which category below best describes the sample design?** (Check only one.)

**Census** (Go to Question 6.)

**Unstratified statewide sample:**

- Simple random sample (Respond to Part b.)
- Systematic random sample (Respond to Part b.)
- Single-stage cluster sample (Respond to Parts b and d.)
- Multistage cluster sample (Respond to Parts b and d.)

**Stratified sample:**

- Simple random sample (Respond to Parts b and c.)
- Systematic random sample (Respond to Parts b and c.)
- Single-stage cluster sample (Respond to Parts b, c, and d.)
- Multistage cluster sample (Respond to Parts b, c, and d.)

**Other** (Please describe and respond to Part b.) \_\_\_\_\_

**b. Describe the sampling methods.**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**c. Provide a full description of the strata that were created.**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**d. Provide a full description of how clusters were formed.**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**5. Were borders of the selected areas clearly identified at the time of canvassing?**

Yes  No

**6. Were all sampled areas visited by canvassing teams?**

Yes (Go to Question 7.)  No (Respond to Parts a and b.)

**a. Was the subset of areas randomly chosen?**

Yes  No

**b. Describe how the subsample of visited areas was drawn. Include the number of areas sampled and the number of areas canvassed.**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**7. Were field observers provided with a detailed map of the canvassing areas?**

Yes  No

*If No, describe the canvassing instructions given to the field observers.*

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**8. Were field observers instructed to find all outlets in the assigned area?**

Yes  No

*If No, respond to Question 9.*

*If Yes, describe any instructions given to the field observers to ensure the entire area was canvassed, then go to Question 10.*

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**9. If a full canvassing was not conducted:**

a. How many predetermined outlets were to be observed in each area? \_\_\_\_\_

b. What were the starting points for each area? \_\_\_\_\_

c. Were these starting points randomly chosen?

Yes  No

d. Describe the selection of the starting points.

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

e. Please describe the canvassing instructions given to the field observers, including predetermined routes.

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**10. Describe the process field observers used to determine if an outlet sold tobacco.**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**11. Please provide the state's definition of "matches" or "mismatches" to the Synar sampling frame? (i.e., address, business name, business license number, etc).**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**12. Provide the calculation of the weighted percent coverage (if applicable).**

Not applicable; SAMHSA has waived the coverage study requirement for the State of Delaware.

**SSES Table 1 (Synar Survey Estimates and Sample Sizes)**

**CSAP-SYNAR REPORT**

State	DE
Federal Fiscal Year (FFY)	2015
Date	12/22/2014 15:27
Data	SYNAR Info for DHSS 2014 12-22-14 ECM Edit.xls
Analysis Option	Stratified SRS with FPC

**Estimates**

Unweighted Retailer Violation Rate	4.8%
Weighted Retailer Violation Rate	4.8%
Standard Error	1.8%
Is SAMHSA Precision Requirement met?	YES
Right-sided 95% Confidence Interval	[0.0%, 7.8%]
Two-sided 95% Confidence Interval	[1.3%, 8.4%]
Design Effect	1.0
Accuracy Rate (unweighted)	89.3%
Accuracy Rate (weighted)	89.3%
Completion Rate (unweighted)	99.2%

**Sample Size for Current Year**

Effective Sample Size	80
Target (Minimum) Sample Size	80
Original Sample Size	140
Eligible Sample Size	125
Final Sample Size	124
Overall Sampling Rate	11.3%

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

STATE: DE

FFY: 2015

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(%)
<b>All Outlets</b>											
1	1	1,231	1,099	N/A	N/A	140	125	124	6	4.8%	
Total		1,231	1,099			140	125	124	6	4.8%	1.8%
<b>Over the Counter Outlets</b>											
1	1	1,231	1,099	N/A	N/A	136	124	124	6	4.8%	
Total		1,231	1,099			136	124	124	6	4.8%	1.8%
<b>Vending Machines</b>											
1	1	0	0	N/A	N/A	0	0	0	0	0.0%	
Total		0	0			0	0	0	0	0.0%	0.0%

Note: There are some records with unknown outlet type. Therefore the overall counts may not equal the sum of OTC and VM counts.



SSES Table 3 (Synar Survey Sample Tally Summary)

STATE: DE  
 FFY: 2015

Disposition Code	Description	Count	Subtotal
EC	Eligible and inspection complete outlet	124	
Total (Eligible Completes)			124
N1	In operation but closed at time of visit	0	
N2	Unsafe to access	1	
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	0	
Total (Eligible Noncompletes)			1
I1	Out of Business	8	
I2	Does not sell tobacco products	5	
I3	Inaccessible by youth	1	
I4	Private club or private residence	0	
I5	Temporary closure	1	
I6	Can't be located	0	
I7	Wholesale only/Carton sale only	0	
I8	Vending machine broken	0	
I9	Duplicate	0	
I10	Other ineligibility	0	
Total (Ineligibles)			15
Grand Total			140

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

STATE: DE  
FFY: 2015

**Frequency Distribution**

Gender	Age	Number of Inspectors	Attempted Buys	Successful Buys
Male	14	0	0	0
	15	0	0	0
	16	11	64	4
	17	4	14	0
	18	0	0	0
	Subtotal		15	78
Female	14	0	0	0
	15	0	0	0
	16	6	46	2
	17	0	0	0
	18	0	0	0
	Subtotal		6	46
Other		0	0	0
Grand Total		21	124	6

**Buy Rate in Percent by Age and Gender**

Age	Male	Female	Total
14	0.0%	0.0%	0.0%
15	0.0%	0.0%	0.0%
16	6.3%	4.3%	5.5%
17	0.0%	0.0%	0.0%
18	0.0%	0.0%	0.0%
Other			0.0%
Total	5.1%	4.3%	4.8%

Outlet ID	Sampling S	Population	Variance	St Population	Response	[Violation	FI	Outlet Type	Youth Insp
1	1	1231	1	1231	EC	0		OTC	140017
2	1	1231	1	1231	EC	0		OTC	130007
3	1	1231	1	1231	EC	0		OTC	140003
4	1	1231	1	1231	EC	0		OTC	140001
5	1	1231	1	1231	EC	0		OTC	140006
6	1	1231	1	1231	EC	0		OTC	140002
7	1	1231	1	1231	EC	0		OTC	140004
8	1	1231	1	1231	I2			OTC	140005
9	1	1231	1	1231	EC	0		OTC	140007
10	1	1231	1	1231	EC	0		OTC	140017
11	1	1231	1	1231	EC	0		OTC	140019
12	1	1231	1	1231	EC	0		OTC	140007
13	1	1231	1	1231	I1			OTC	130001
14	1	1231	1	1231	I3			UNK	140001
15	1	1231	1	1231	EC	0		OTC	140011
16	1	1231	1	1231	EC	0		OTC	140020
17	1	1231	1	1231	EC	0		OTC	140011
18	1	1231	1	1231	EC	0		OTC	140017
19	1	1231	1	1231	EC	0		OTC	130007
20	1	1231	1	1231	EC	0		OTC	140017
21	1	1231	1	1231	I1			OTC	130001
22	1	1231	1	1231	EC	0		OTC	140014
24	1	1231	1	1231	EC	0		OTC	140003
25	1	1231	1	1231	EC	0		OTC	140018
26	1	1231	1	1231	N2			UNK	140011
27	1	1231	1	1231	EC	0		OTC	140006
28	1	1231	1	1231	EC	0		OTC	140021
29	1	1231	1	1231	EC	0		OTC	130001
30	1	1231	1	1231	EC	0		OTC	140017
31	1	1231	1	1231	EC	0		OTC	140006
32	1	1231	1	1231	EC	0		OTC	140011
33	1	1231	1	1231	EC	0		OTC	140016
34	1	1231	1	1231	EC	0		OTC	140010
35	1	1231	1	1231	EC	0		OTC	140015
36	1	1231	1	1231	EC	0		OTC	140005
37	1	1231	1	1231	EC	1		OTC	140007
38	1	1231	1	1231	EC	0		OTC	140014
39	1	1231	1	1231	EC	0		OTC	140017
40	1	1231	1	1231	EC	0		OTC	130001
41	1	1231	1	1231	EC	0		OTC	140006
42	1	1231	1	1231	EC	0		OTC	140004
43	1	1231	1	1231	EC	0		OTC	140007
44	1	1231	1	1231	EC	0		OTC	140021
45	1	1231	1	1231	EC	0		OTC	130001
46	1	1231	1	1231	EC	0		OTC	140019
47	1	1231	1	1231	I1			OTC	130001

48	1	1231	1	1231	EC	0	OTC	140021
49	1	1231	1	1231	EC	0	OTC	140017
50	1	1231	1	1231	EC	0	OTC	130007
51	1	1231	1	1231	EC	0	OTC	140021
52	1	1231	1	1231	EC	0	OTC	140020
53	1	1231	1	1231	EC	0	OTC	140018
54	1	1231	1	1231	EC	0	OTC	140011
55	1	1231	1	1231	I1		UNK	130001
56	1	1231	1	1231	EC	0	OTC	140021
57	1	1231	1	1231	EC	0	OTC	140021
58	1	1231	1	1231	EC	0	OTC	140004
59	1	1231	1	1231	EC	0	OTC	130035
60	1	1231	1	1231	EC	0	OTC	140021
61	1	1231	1	1231	EC	1	OTC	140017
62	1	1231	1	1231	EC	0	OTC	140021
63	1	1231	1	1231	EC	0	OTC	140004
64	1	1231	1	1231	EC	0	OTC	140006
65	1	1231	1	1231	EC	0	OTC	140021
66	1	1231	1	1231	EC	0	OTC	140014
67	1	1231	1	1231	EC	1	OTC	140014
68	1	1231	1	1231	EC	0	OTC	140001
69	1	1231	1	1231	EC	0	OTC	140017
70	1	1231	1	1231	EC	0	OTC	140006
71	1	1231	1	1231	I1		OTC	140017
72	1	1231	1	1231	EC	0	OTC	140002
73	1	1231	1	1231	EC	0	OTC	140017
74	1	1231	1	1231	EC	0	OTC	140015
75	1	1231	1	1231	EC	0	OTC	130007
76	1	1231	1	1231	EC	0	OTC	140012
77	1	1231	1	1231	EC	0	OTC	140012
78	1	1231	1	1231	I2		UNK	140001
79	1	1231	1	1231	EC	0	OTC	140017
80	1	1231	1	1231	EC	0	OTC	130001
81	1	1231	1	1231	EC	0	OTC	140011
82	1	1231	1	1231	EC	0	OTC	130007
83	1	1231	1	1231	EC	0	OTC	140003
84	1	1231	1	1231	EC	0	OTC	140015
85	1	1231	1	1231	EC	0	OTC	140006
86	1	1231	1	1231	EC	0	OTC	140005
87	1	1231	1	1231	EC	0	OTC	140002
88	1	1231	1	1231	EC	0	OTC	140014
89	1	1231	1	1231	EC	1	OTC	140011
90	1	1231	1	1231	EC	0	OTC	140004
91	1	1231	1	1231	EC	0	OTC	140019
92	1	1231	1	1231	I2		OTC	140014
93	1	1231	1	1231	EC	0	OTC	140006
94	1	1231	1	1231	I5		OTC	140017

95	1	1231	1	1231	EC	0	OTC	140003
96	1	1231	1	1231	EC	0	OTC	130035
97	1	1231	1	1231	EC	0	OTC	140014
98	1	1231	1	1231	I1		OTC	130001
99	1	1231	1	1231	EC	0	OTC	140017
100	1	1231	1	1231	I2		OTC	140003
101	1	1231	1	1231	EC	0	OTC	140005
102	1	1231	1	1231	EC	0	OTC	140014
103	1	1231	1	1231	EC	0	OTC	130007
104	1	1231	1	1231	EC	0	OTC	140016
105	1	1231	1	1231	EC	0	OTC	140021
106	1	1231	1	1231	EC	0	OTC	140017
107	1	1231	1	1231	EC	0	OTC	140015
108	1	1231	1	1231	EC	0	OTC	140004
109	1	1231	1	1231	EC	0	OTC	140007
110	1	1231	1	1231	EC	0	OTC	140005
111	1	1231	1	1231	EC	0	OTC	140017
112	1	1231	1	1231	EC	0	OTC	140005
113	1	1231	1	1231	EC	0	OTC	130001
114	1	1231	1	1231	EC	0	OTC	140011
115	1	1231	1	1231	EC	0	OTC	140021
116	1	1231	1	1231	EC	0	OTC	140003
117	1	1231	1	1231	EC	0	OTC	130007
118	1	1231	1	1231	EC	0	OTC	140001
119	1	1231	1	1231	EC	0	OTC	140004
120	1	1231	1	1231	EC	0	OTC	140014
121	1	1231	1	1231	EC	0	OTC	140007
122	1	1231	1	1231	EC	0	OTC	140006
123	1	1231	1	1231	EC	1	OTC	140001
124	1	1231	1	1231	EC	0	OTC	140001
125	1	1231	1	1231	EC	0	OTC	140002
126	1	1231	1	1231	EC	0	OTC	140003
127	1	1231	1	1231	EC	0	OTC	140021
128	1	1231	1	1231	I1		OTC	140007
129	1	1231	1	1231	EC	0	OTC	140012
130	1	1231	1	1231	EC	0	OTC	140015
131	1	1231	1	1231	EC	0	OTC	140014
132	1	1231	1	1231	I1		OTC	130001
133	1	1231	1	1231	EC	0	OTC	140002
133	1	1231	1	1231	EC	1	OTC	140002
134	1	1231	1	1231	EC	0	OTC	140004
135	1	1231	1	1231	EC	0	OTC	140020
136	1	1231	1	1231	EC	0	OTC	130001
137	1	1231	1	1231	EC	0	OTC	140021
138	1	1231	1	1231	I2		OTC	140021
139	1	1231	1	1231	EC	0	OTC	140010
140	1	1231	1	1231	EC	0	OTC	130007

Youth Insp: Youth Insp: VM Frame Size

m	16
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